

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX071117.D
 Acq On : 01 Jul 2020 23:13
 Operator : JC/SP
 Sample : VX0701WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 9:15:38 AM

Quant Time: Jul 02 03:58:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	246088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	390485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	372243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	191982	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	147055	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
35) Dibromofluoromethane	5.46	113	121512	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	8.70	98	446178	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
62) 4-Bromofluorobenzene	11.12	95	172575	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	43662	18.340	ug/l	99
3) Chloromethane	1.31	50	46333	16.078	ug/l	100
4) Vinyl Chloride	1.39	62	46477	17.383	ug/l	96
5) Bromomethane	1.63	94	31560	22.342	ug/l	96
6) Chloroethane	1.72	64	28379	17.971	ug/l	98
7) Trichlorofluoromethane	1.92	101	76246	19.282	ug/l	97
8) Diethyl Ether	2.17	74	25928	19.710	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	43652	18.418	ug/l	97
10) Methyl Iodide	2.49	142	52973	17.322	ug/l	98
11) Tert butyl alcohol	3.01	59	53103	91.754	ug/l	96
12) 1,1-Dichloroethene	2.36	96	44353	18.217	ug/l	99
13) Acrolein	2.27	56	17797	51.441	ug/l	100
14) Allyl chloride	2.71	41	76712	17.049	ug/l	98
15) Acrylonitrile	3.12	53	128297	92.214	ug/l	98
16) Acetone	2.42	43	107837	95.018	ug/l	97
17) Carbon Disulfide	2.55	76	124592	18.353	ug/l	96
18) Methyl Acetate	2.75	43	58758	19.833	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	154682	18.930	ug/l	98
20) Methylene Chloride	2.84	84	53016	19.897	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	50134	18.555	ug/l	94
22) Diisopropyl ether	3.82	45	159177	19.114	ug/l	98
23) Vinyl Acetate	3.79	43	674930	94.314	ug/l	100
24) 1,1-Dichloroethane	3.67	63	89425	18.872	ug/l	98
25) 2-Butanone	4.64	43	177630	93.932	ug/l	98
26) 2,2-Dichloropropane	4.56	77	66244	15.745	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	55791	18.224	ug/l	99
28) Bromochloromethane	4.98	49	39459	17.113	ug/l	98
29) Tetrahydrofuran	5.09	42	116637	93.350	ug/l	100
30) Chloroform	5.18	83	92335	19.009	ug/l	96
31) Cyclohexane	5.56	56	75239	18.370	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	84325	18.850	ug/l	99
36) 1,1-Dichloropropene	5.77	75	67540	18.301	ug/l	99
37) Ethyl Acetate	4.80	43	68334	18.249	ug/l	98
38) Carbon Tetrachloride	5.76	117	76439	18.805	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 9:15:38 AM

Quant Time: Jul 02 03:58:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	71572	17.430	ug/l	98
40) Benzene	6.12	78	201549	18.587	ug/l	98
41) Methacrylonitrile	5.00	41	39975	18.968	ug/l	97
42) 1,2-Dichloroethane	6.16	62	74733	19.080	ug/l	98
43) Isopropyl Acetate	6.42	43	114052	18.330	ug/l	100
44) Trichloroethene	7.19	130	58182	19.254	ug/l	98
45) 1,2-Dichloropropane	7.49	63	51218	18.390	ug/l	95
46) Dibromomethane	7.64	93	35571	18.708	ug/l	96
47) Bromodichloromethane	7.88	83	72725	18.559	ug/l	97
48) Methyl methacrylate	7.74	41	55383	18.735	ug/l	97
49) 1,4-Dioxane	7.71	88	23410	349.556	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	355131	95.747	ug/l	100
52) Toluene	8.76	92	128694	19.009	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	76780	17.759	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	84090	18.144	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	53316	19.275	ug/l	95
56) Ethyl methacrylate	9.16	69	72817	18.496	ug/l	97
57) 1,3-Dichloropropane	9.35	76	86799	18.545	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	182958	93.374	ug/l	100
59) 2-Hexanone	9.47	43	266295	98.305	ug/l	98
60) Dibromochloromethane	9.56	129	60883	18.951	ug/l	99
61) 1,2-Dibromoethane	9.65	107	55624	18.708	ug/l	100
64) Tetrachloroethene	9.32	164	54567	18.163	ug/l	96
65) Chlorobenzene	10.12	112	140164	18.244	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	54998	18.575	ug/l	100
67) Ethyl Benzene	10.23	91	237580	18.517	ug/l	100
68) m/p-Xylenes	10.34	106	183395	37.226	ug/l	98
69) o-Xylene	10.68	106	86829	18.527	ug/l	99
70) Styrene	10.70	104	153606	19.247	ug/l	99
71) Bromoform	10.84	173	46557	19.829	ug/l #	99
73) Isopropylbenzene	11.00	105	238891	18.997	ug/l	99
74) N-amyl acetate	10.88	43	97342	18.142	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	74772	18.903	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	72162m	19.115	ug/l	
77) Bromobenzene	11.24	156	65379	18.917	ug/l	98
78) n-propylbenzene	11.34	91	261496	18.389	ug/l	100
79) 2-Chlorotoluene	11.40	91	159591	18.544	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	193649	18.565	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.06	75	24426	16.755	ug/l	93
82) 4-Chlorotoluene	11.49	91	192518	18.712	ug/l	99
83) tert-Butylbenzene	11.76	119	190872	18.641	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	205598	19.429	ug/l	99
85) sec-Butylbenzene	11.93	105	222344	18.473	ug/l	100
86) p-Isopropyltoluene	12.05	119	209146	18.666	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	111640	17.786	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	115952	19.471	ug/l	100
89) n-Butylbenzene	12.37	91	173199	17.312	ug/l	100
90) Hexachloroethane	12.58	117	39755	17.992	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	110705	18.868	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17387	18.426	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX0701WBSD02

Manual Integrations
APPROVED

MMDadoda
7/2/2020 9:15:38 AM

Quant Time: Jul 02 03:58:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	74730	18.661	ug/l	99
94) Hexachlorobutadiene	13.76	225	27762	18.802	ug/l	98
95) Naphthalene	13.82	128	236090	19.391	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	74477	19.217	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

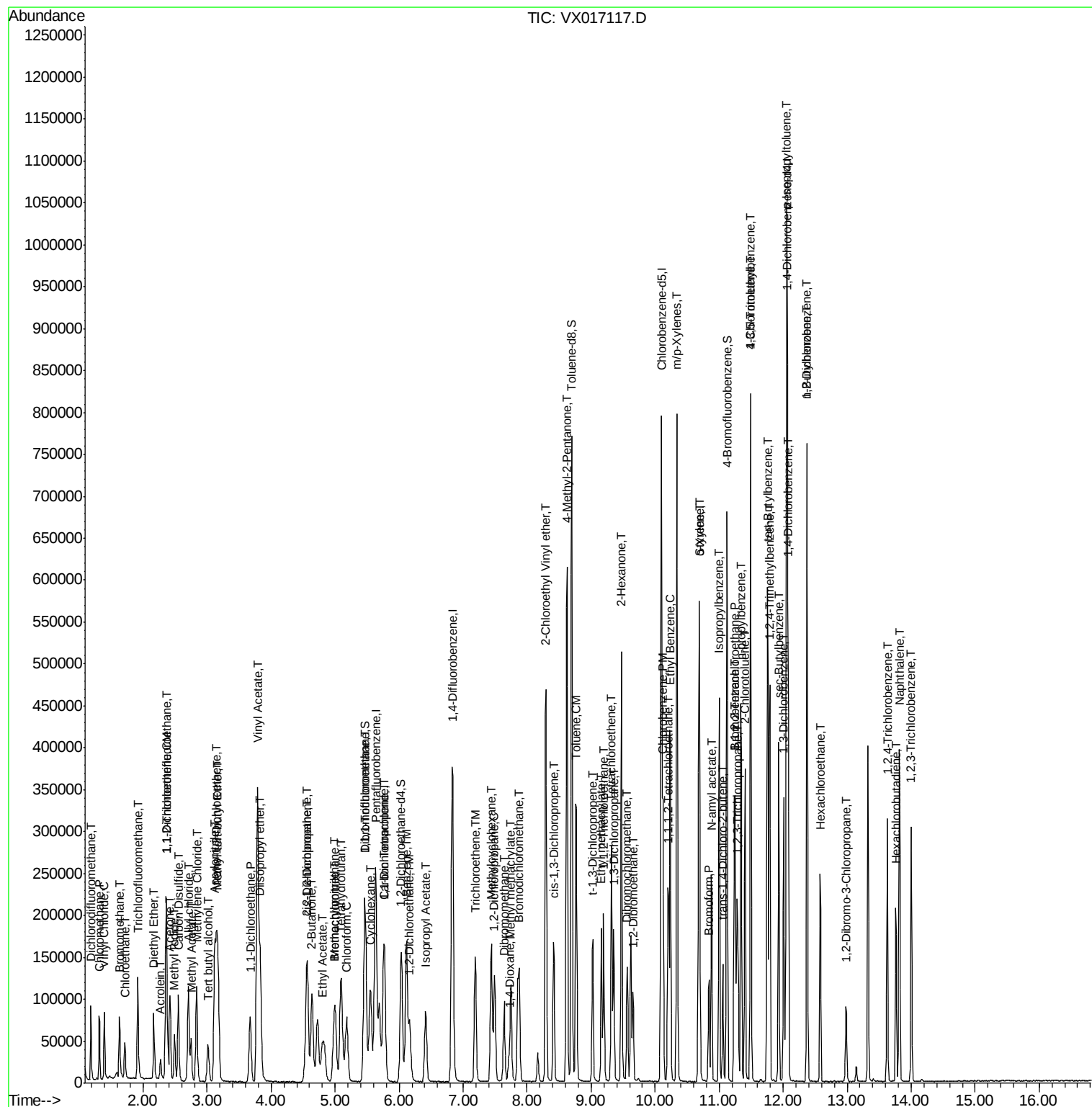
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Data File : VX017117.D
Acq On : 01 Jul 2020 23:13
Operator : JC/SP
Sample : VX0701WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

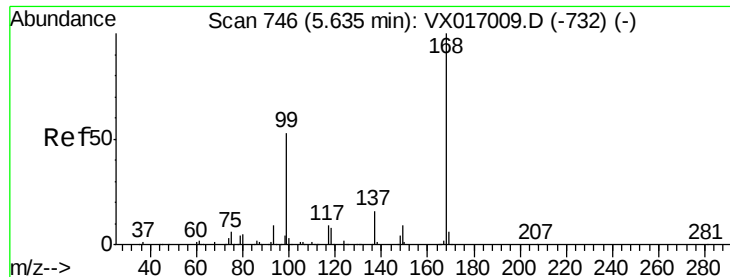
Instrument :
MSVOA_X
ClientSampleID :
VX0701WBSD02

Manual Integrations
APPROVED

MMDadoda
7/2/2020 9:15:38 AM

Quant Time: Jul 02 03:58:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

Tot Ion:168 Resp: 246088

Ion Ratio Lower Upper

168 100

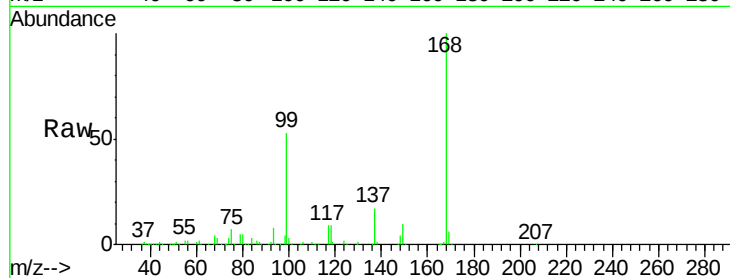
99 52.8 42.6 64.0

Manual Integrations

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7/2/2020 9:15:38 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

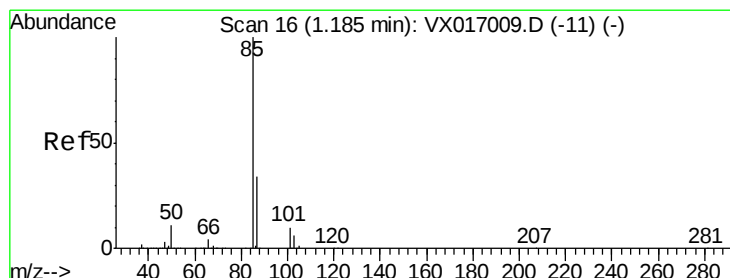
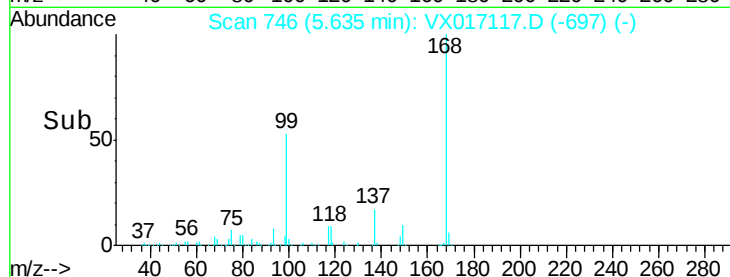
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.340 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017117.D

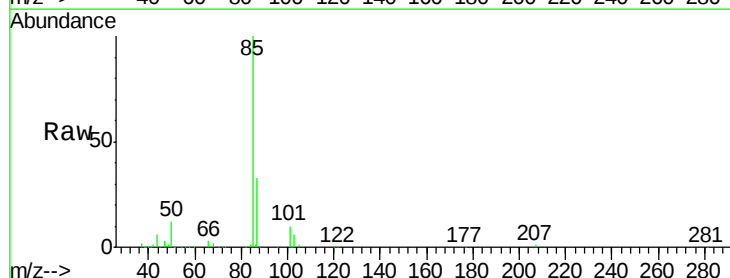
Acq: 01 Jul 2020 23:13

Tgt Ion: 85 Resp: 43662

Ion Ratio Lower Upper

85 100

87 33.1 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

50000

40000

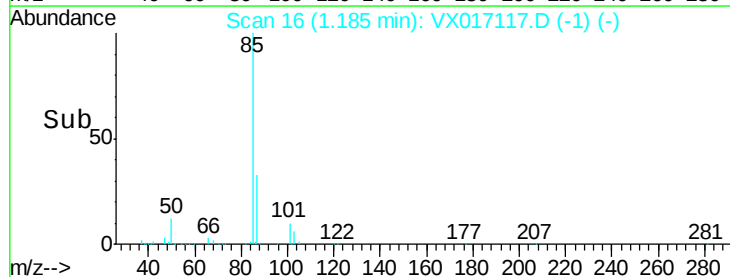
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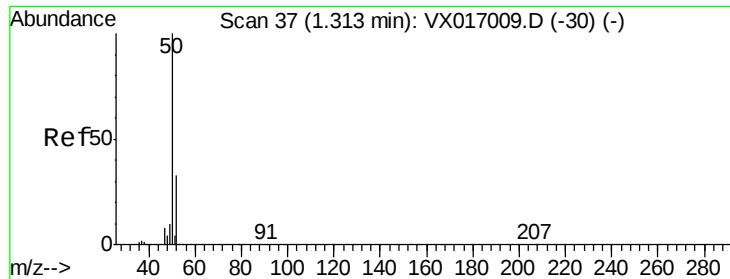
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10000

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Time-->





#3

Chloromethane

Concen: 16.078 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

Tot Ion: 50 Resp: 46333

Ion Ratio Lower Upper

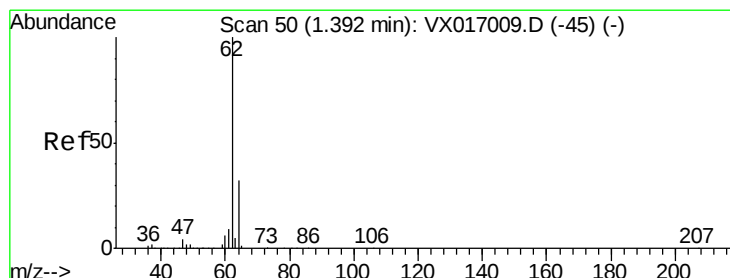
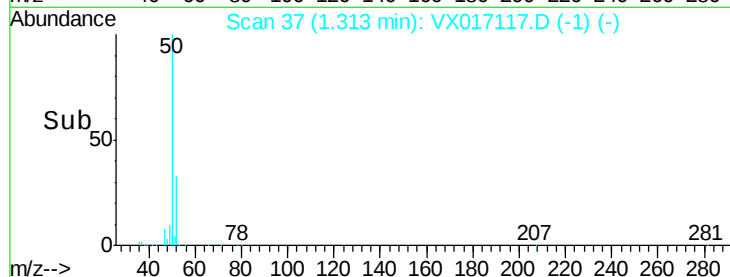
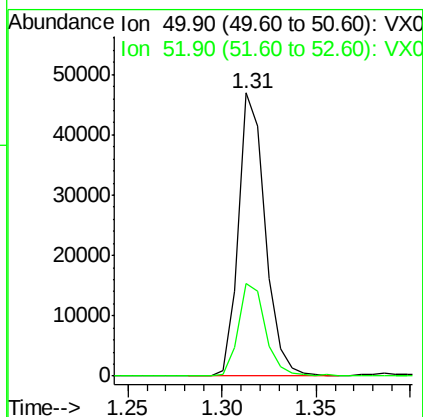
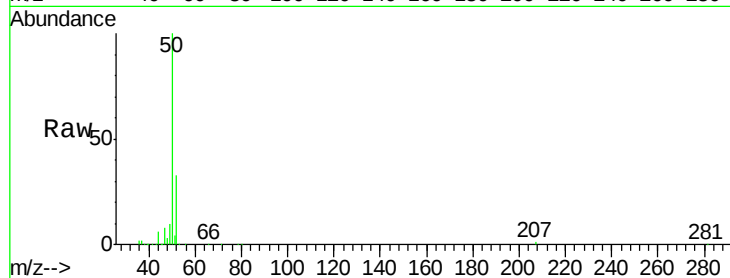
50 100

52 32.8 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.383 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017117.D

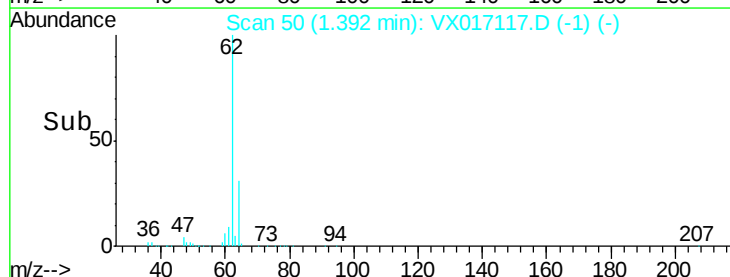
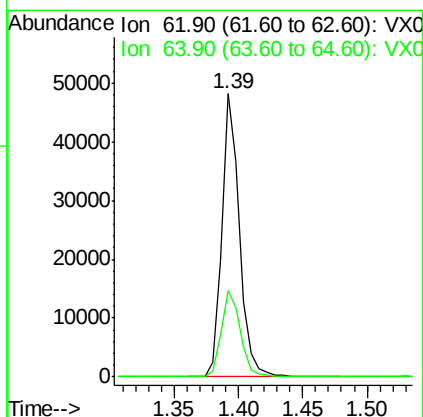
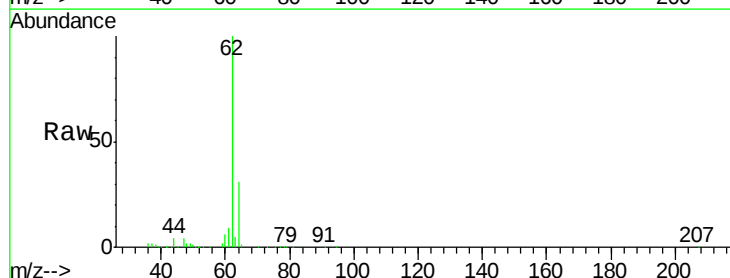
Acq: 01 Jul 2020 23:13

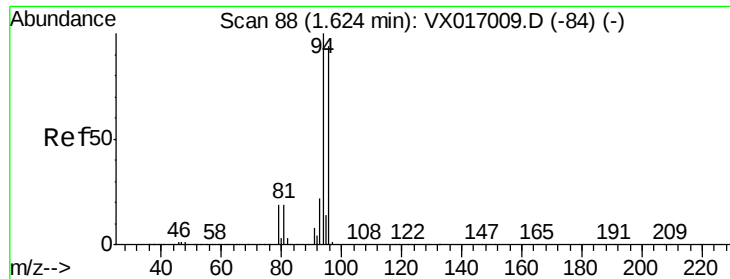
Tgt Ion: 62 Resp: 46477

Ion Ratio Lower Upper

62 100

64 30.4 25.9 38.9





#5

Bromomethane

Concen: 22.342 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

Tot Ion: 94 Resp: 31560

Ion Ratio Lower Upper

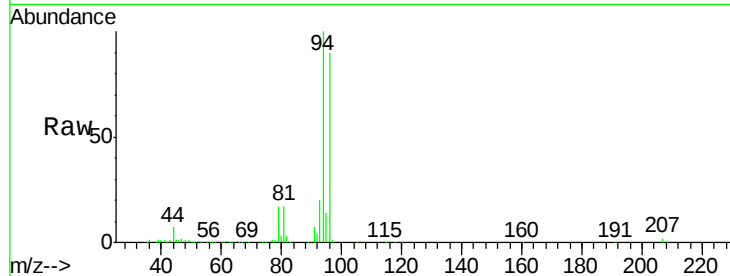
94 100

96 90.3 75.0 112.4

Manual Integrations
APPROVED

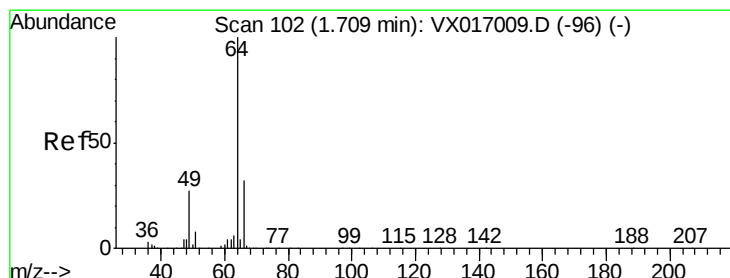
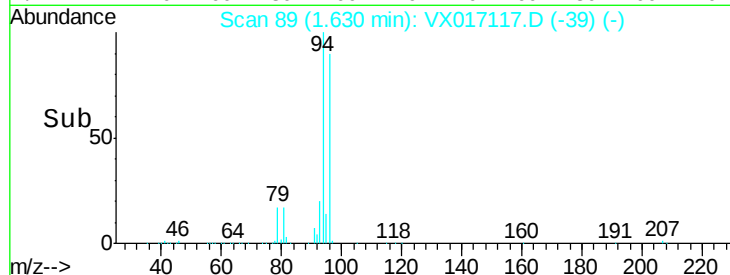
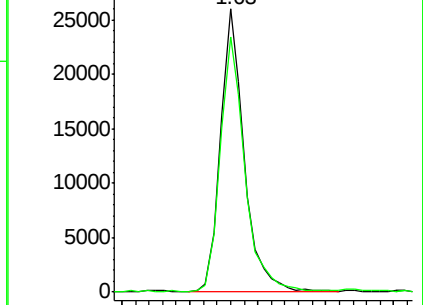
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.971 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017117.D

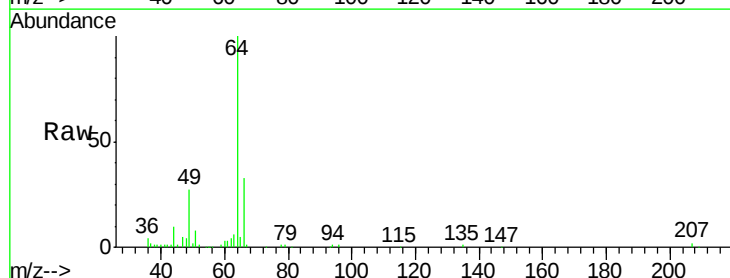
Acq: 01 Jul 2020 23:13

Tgt Ion: 64 Resp: 28379

Ion Ratio Lower Upper

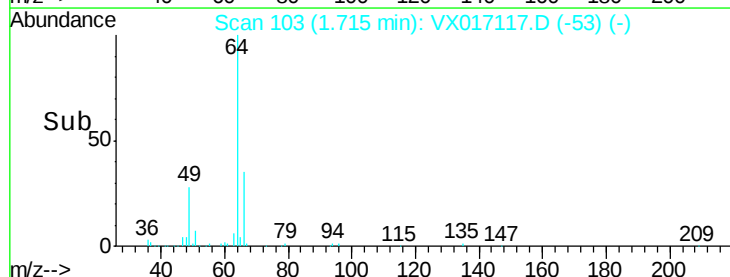
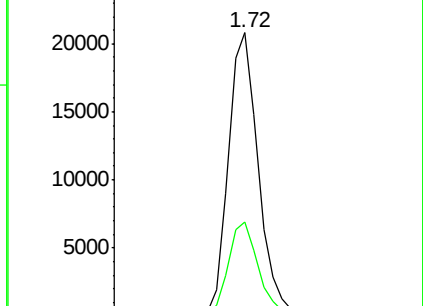
64 100

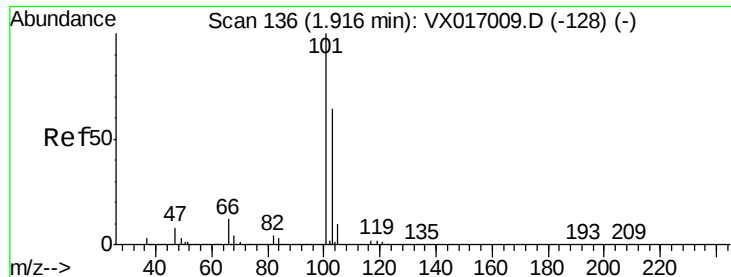
66 33.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

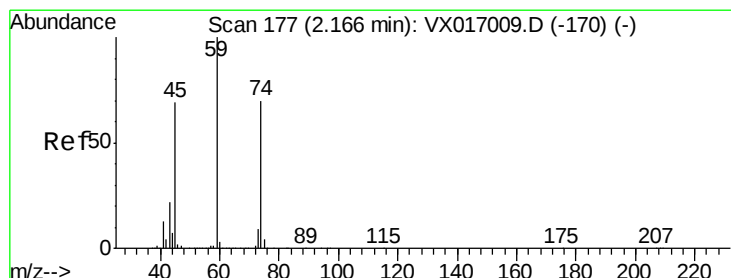
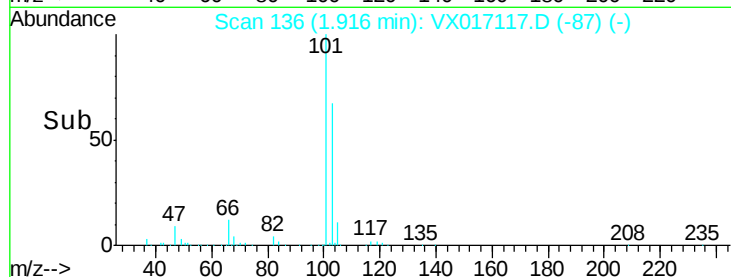
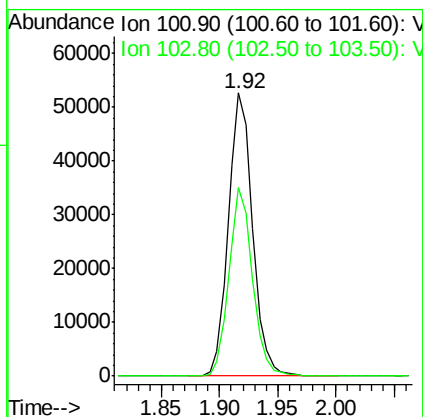
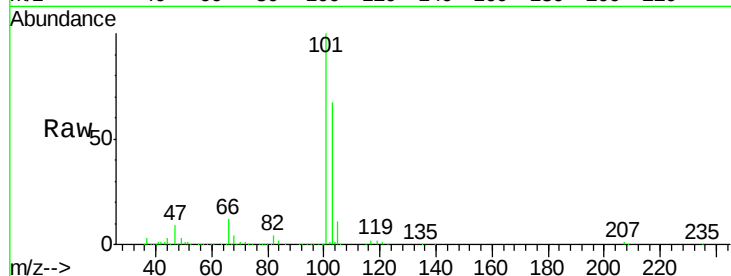
Trichlorofluoromethane
 Concen: 19.282 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.7	51.5	77.3

Manual Integrations
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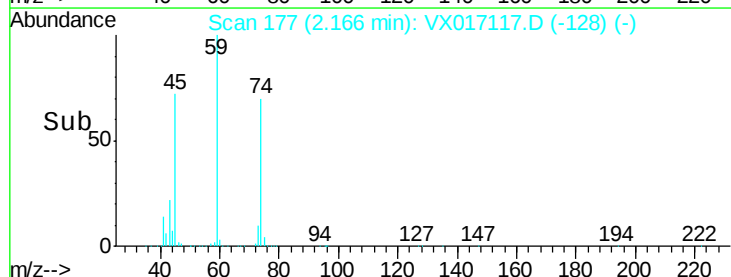
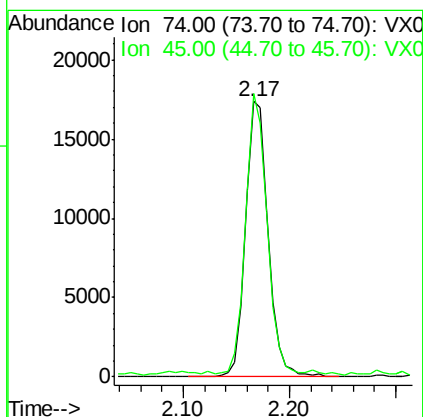
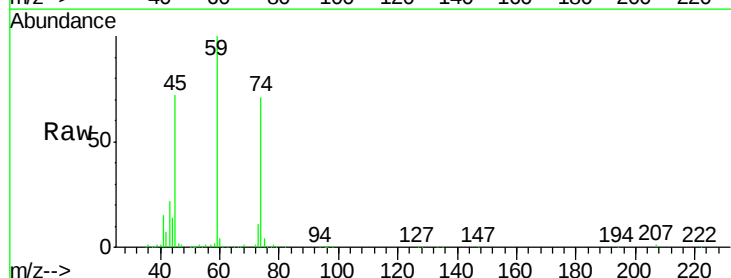
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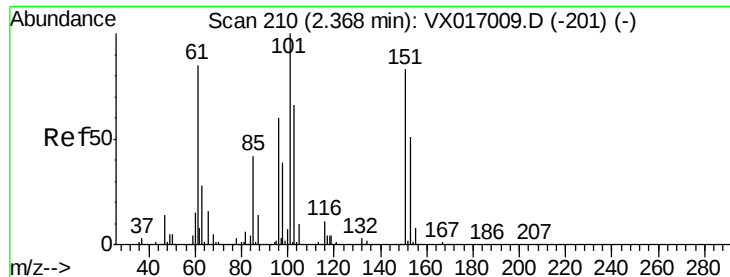


#8

Diethyl Ether
 Concen: 19.710 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.9	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.418 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

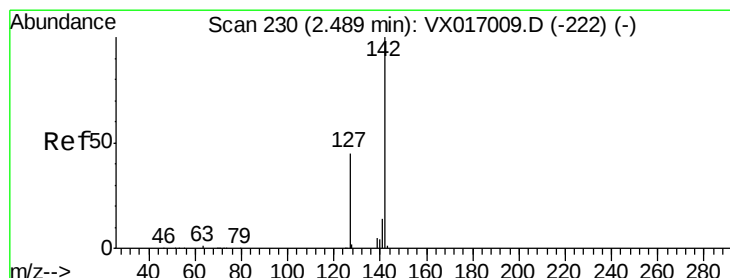
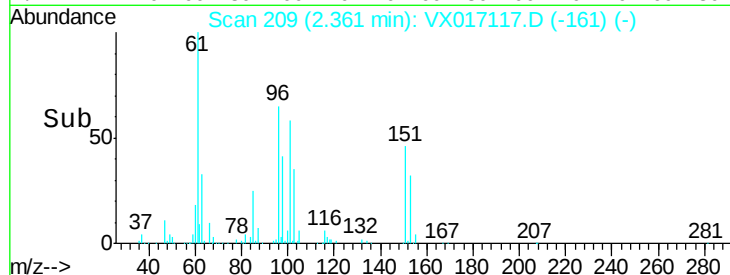
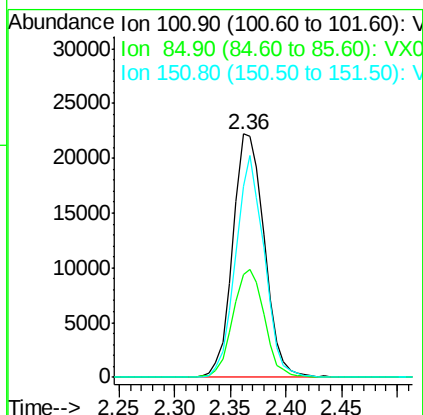
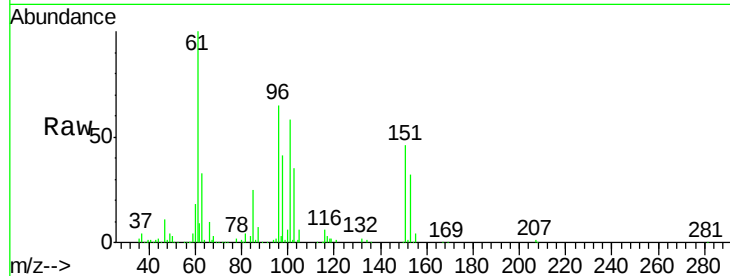
ClientSampleId :

VX0701WBSD02

Tot Ion:	101	Resp:	43652
Ion Ratio	Lower	Upper	
101	100		
85	44.2	33.5	50.3
151	82.7	63.8	95.6

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#10

Methyl Iodide

Concen: 17.322 ug/l

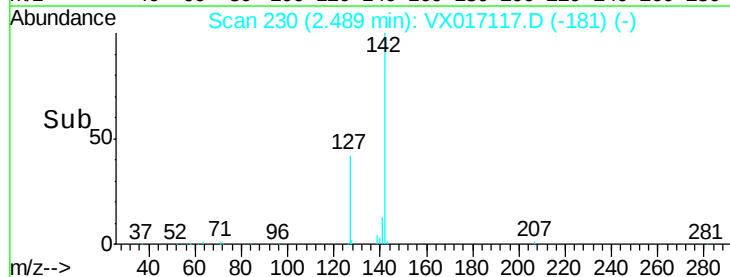
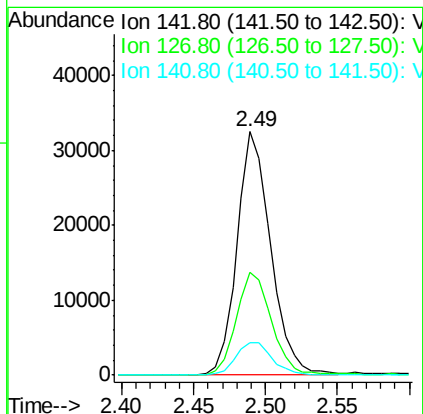
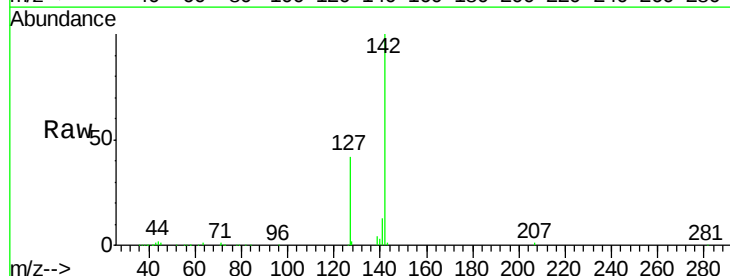
RT: 2.49 min Scan# 230

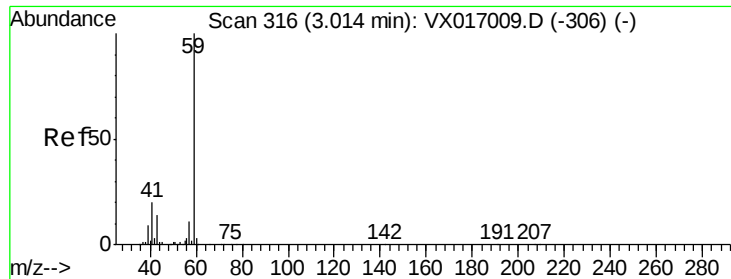
Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Tgt Ion:	142	Resp:	52973
Ion Ratio	Lower	Upper	
142	100		
127	44.3	36.6	54.8
141	14.5	11.6	17.4





#11

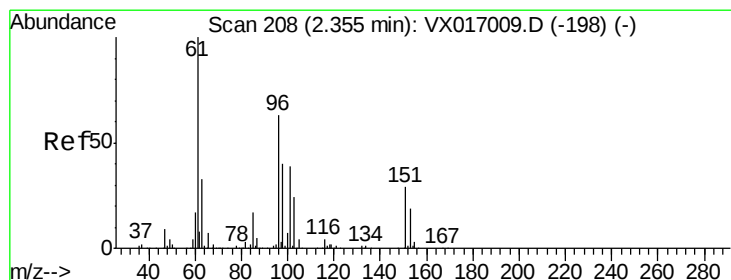
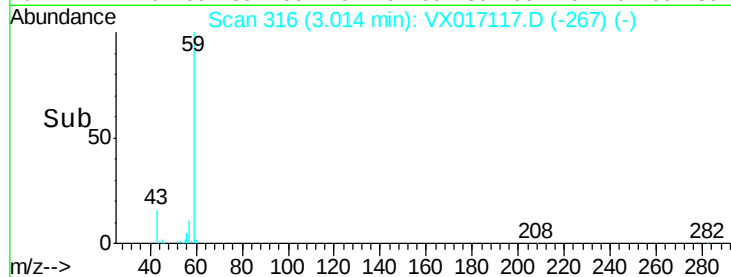
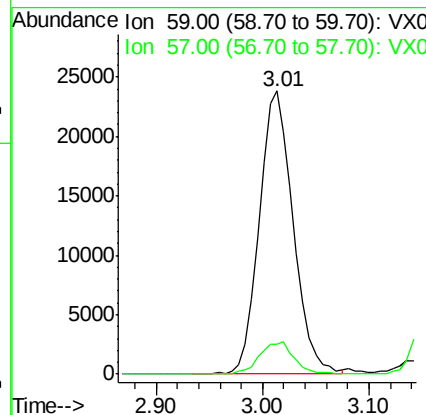
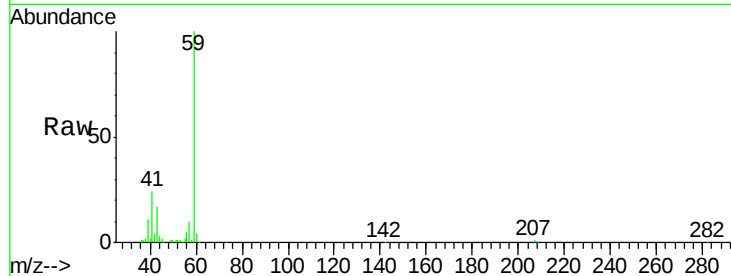
Tert butyl alcohol
Concen: 91.754 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	11.7	8.2	12.2

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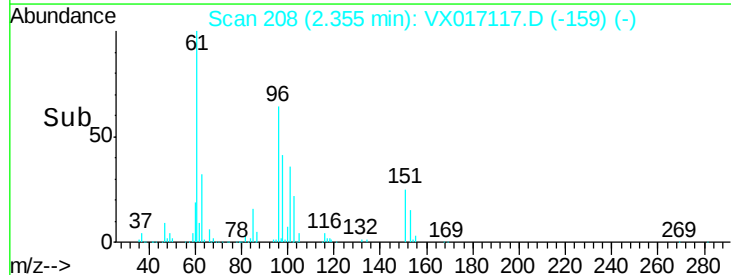
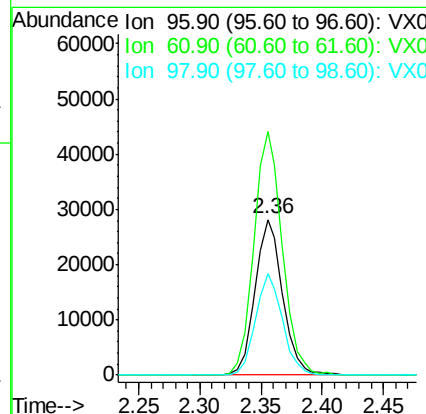
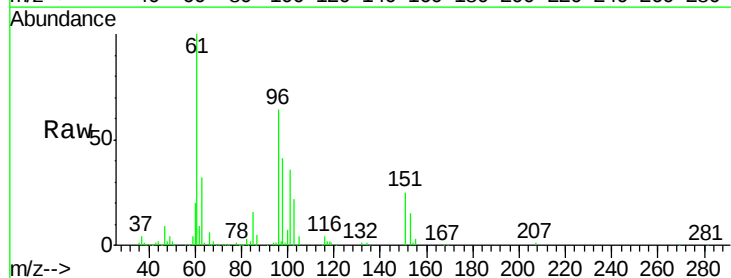
MMDadoda
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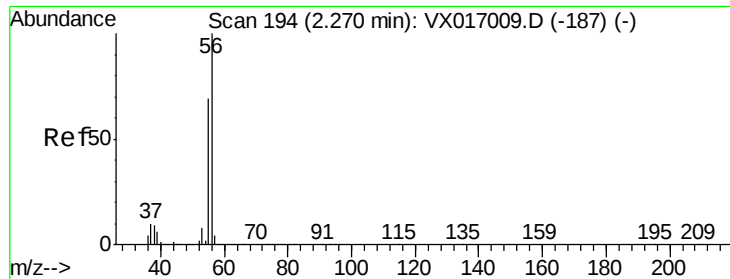


#12

1,1-Dichloroethene
Concen: 18.217 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	156.7	126.3	189.5
98	98	65.0	51.0	76.6





#13

Acrolein

Concen: 51.441 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

Tot Ion: 56 Resp: 17797

Ion Ratio Lower Upper

56 100

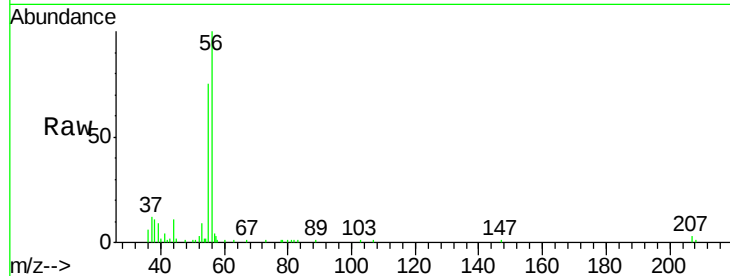
55 69.3 55.7 83.5

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

12000

10000

8000

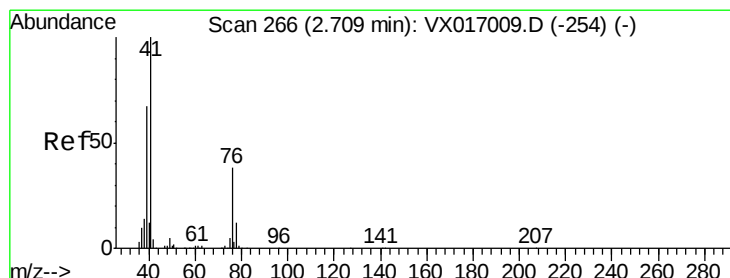
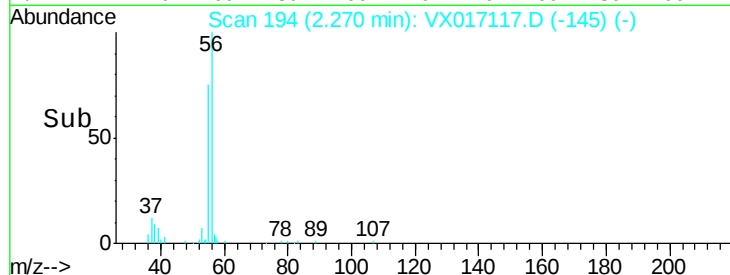
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 17.049 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

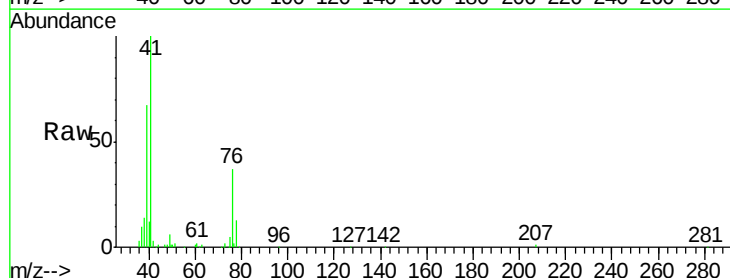
Tgt Ion: 41 Resp: 76712

Ion Ratio Lower Upper

41 100

39 63.7 49.4 74.2

76 33.8 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

100000

80000

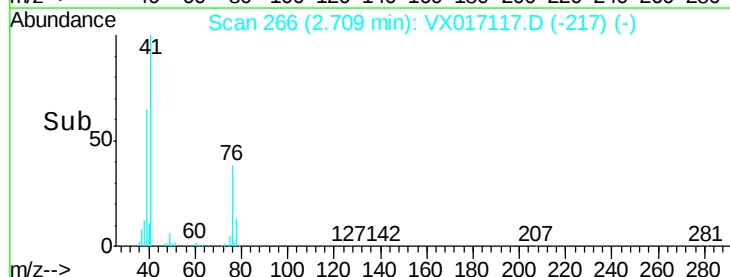
60000

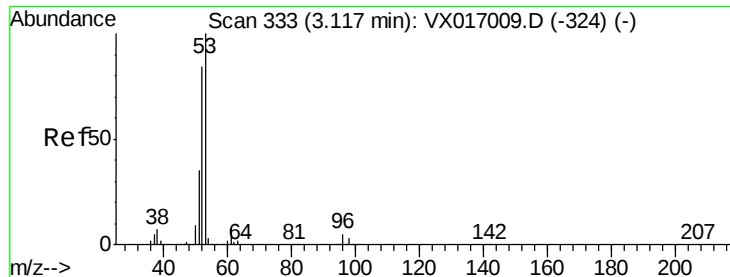
40000

20000

0

Time-->





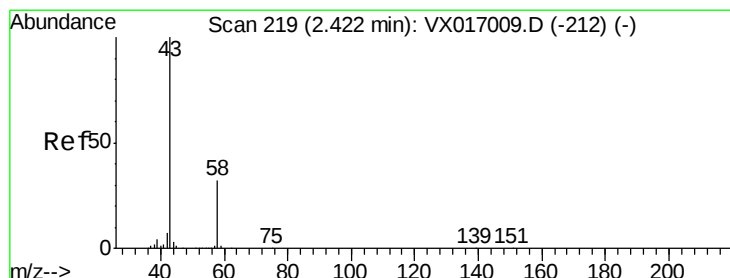
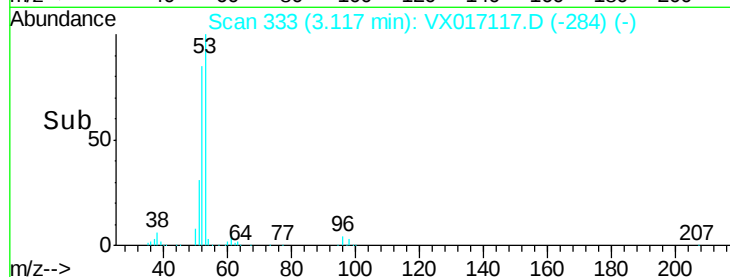
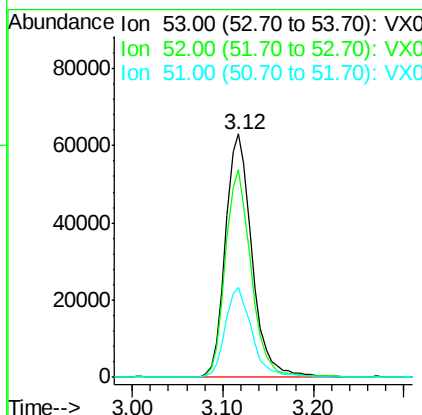
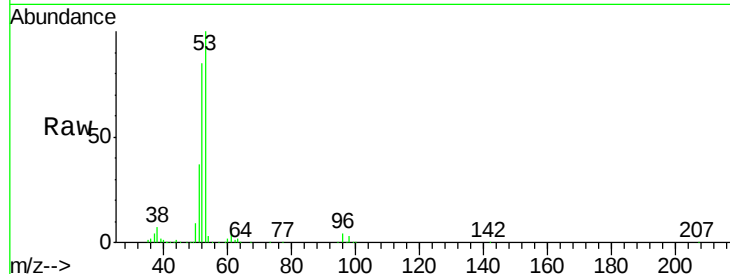
#15
Acrylonitrile
Concen: 92.214 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.6	98.4
51	37.7	28.3	42.5

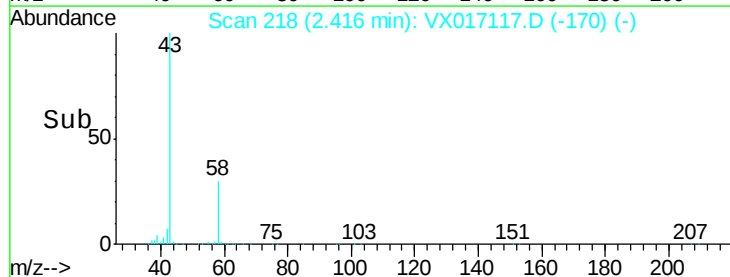
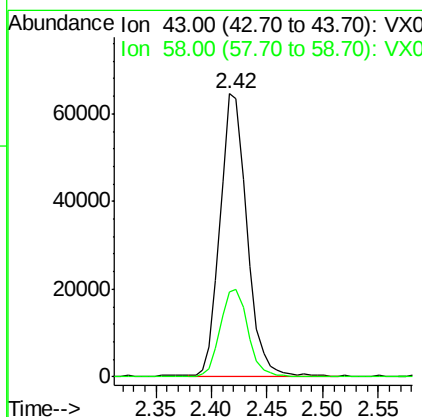
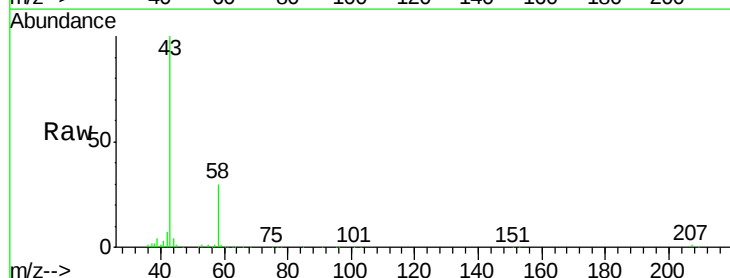
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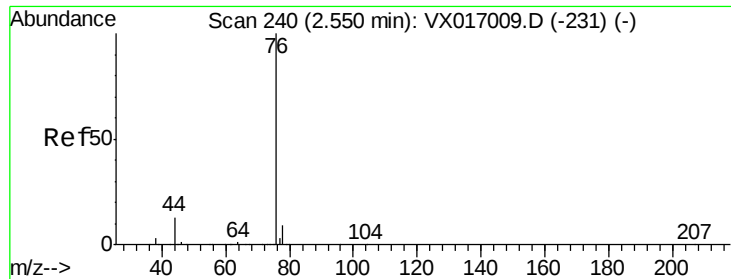
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#16
Acetone
Concen: 95.018 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.2	25.7	38.5





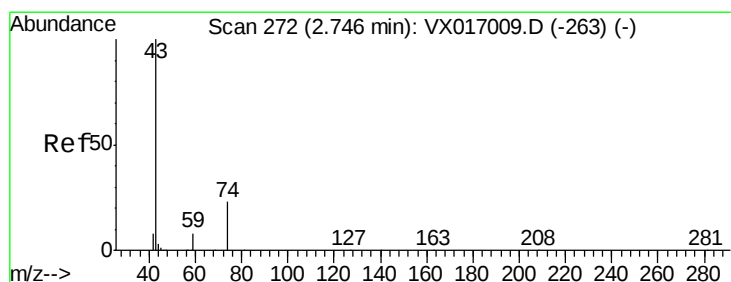
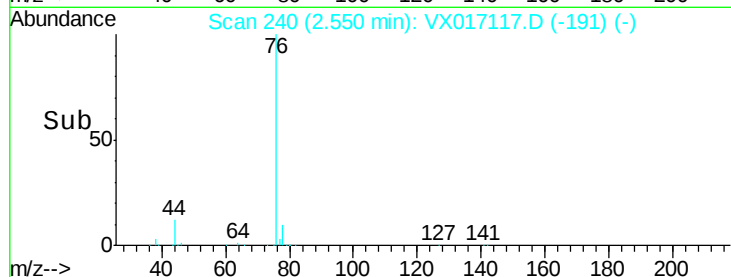
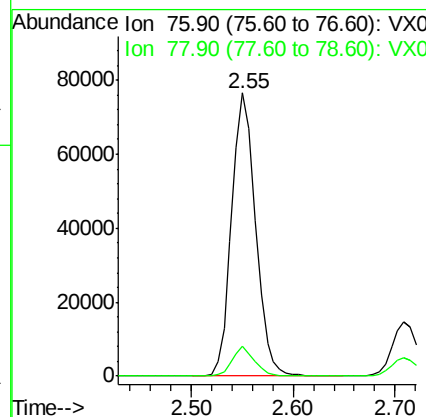
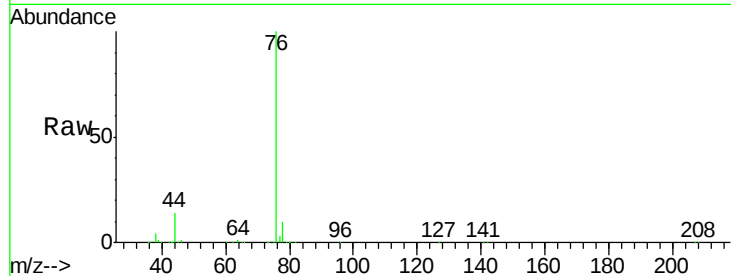
#17
Carbon Disulfide
Concen: 18.353 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.4	7.2	10.8

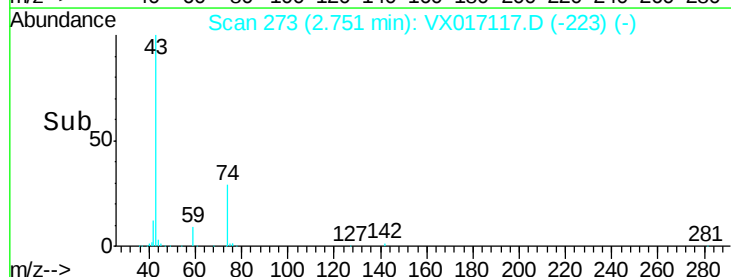
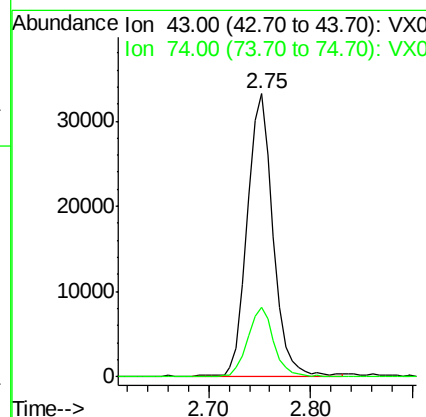
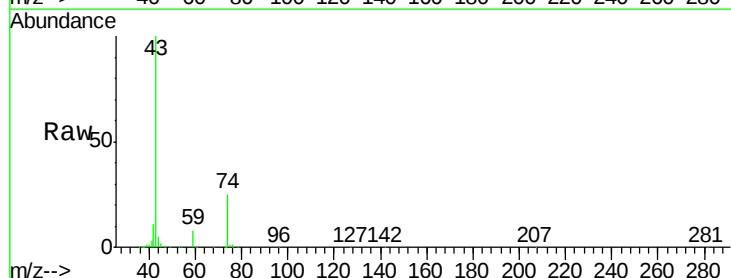
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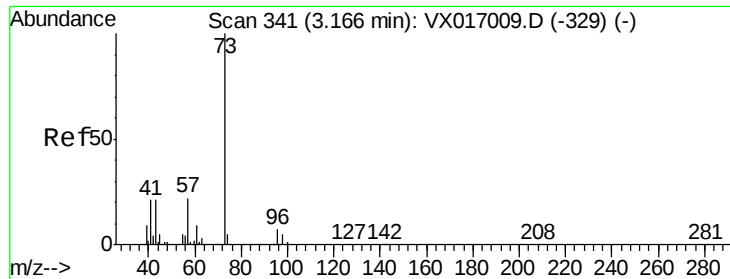
MMDadoda
7/2/2020 9:15:38 AM



#18
Methyl Acetate
Concen: 19.833 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	19.3	28.9





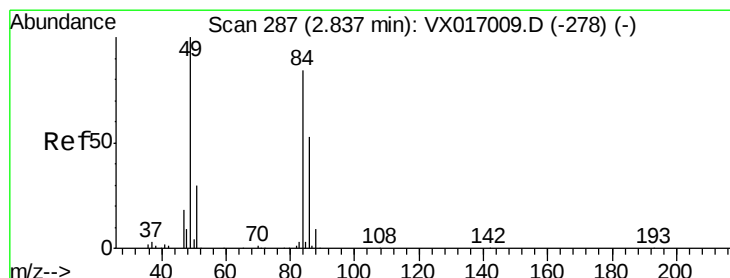
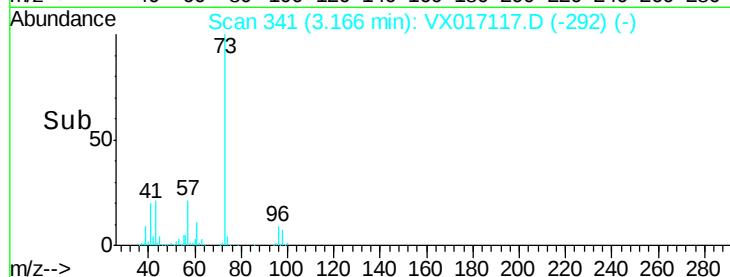
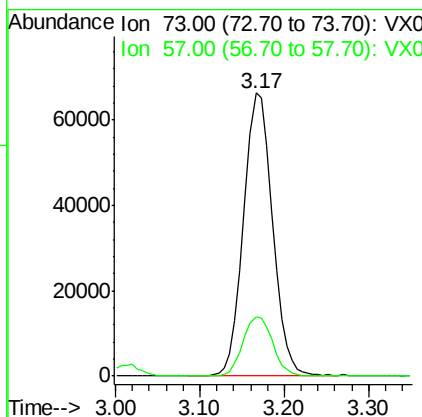
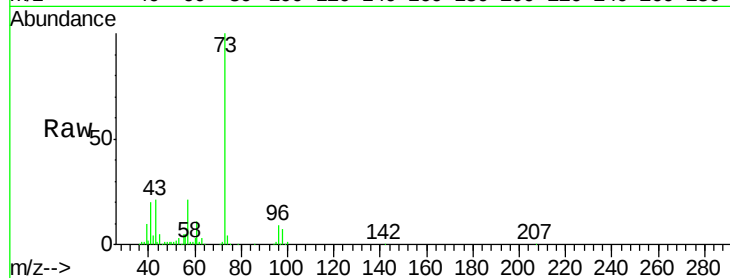
#19
Methyl tert-butyl Ether
Concen: 18.930 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

Tot Ion: 73 Resp: 154682
Ion Ratio Lower Upper
73 100
57 20.9 17.6 26.4

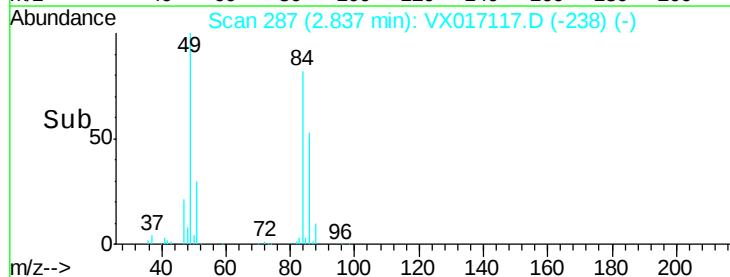
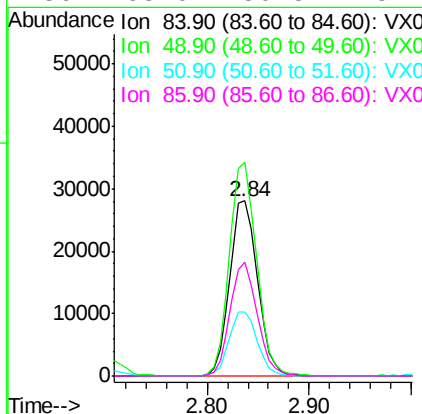
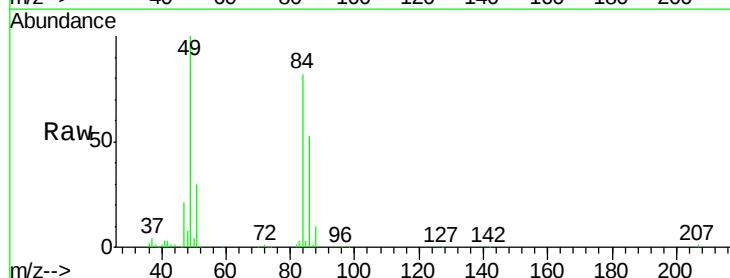
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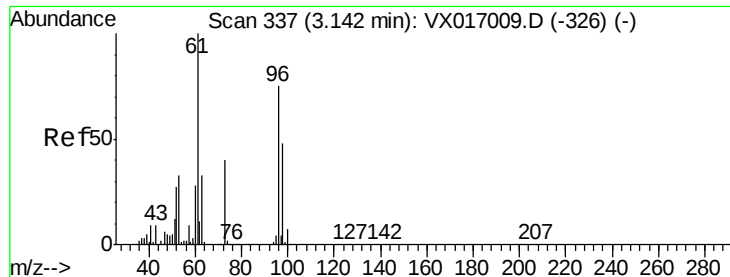
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#20
Methylene Chloride
Concen: 19.897 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion: 84 Resp: 53016
Ion Ratio Lower Upper
84 100
49 121.9 94.7 142.1
51 36.3 28.6 42.8
86 65.0 50.5 75.7





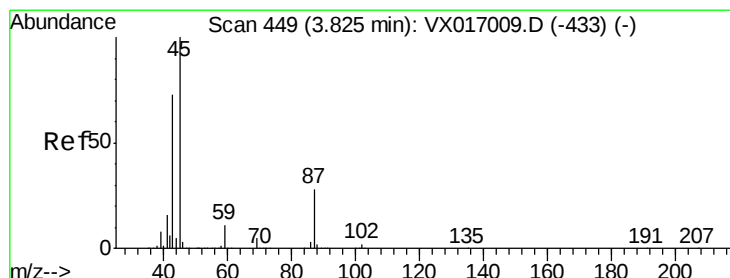
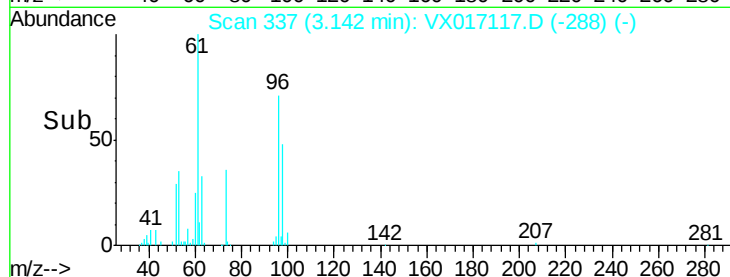
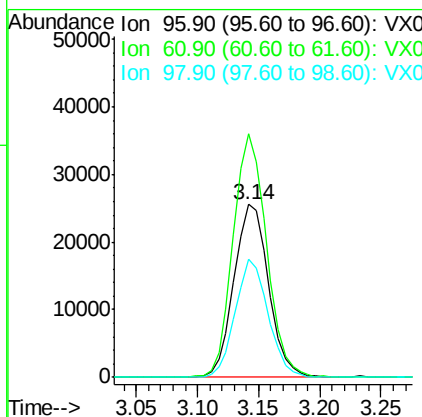
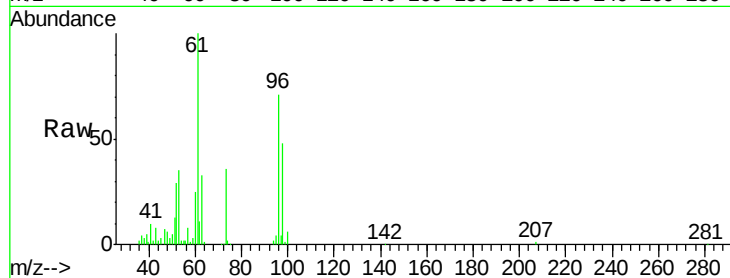
#21
trans-1,2-Dichloroethene
Concen: 18.555 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.9	107.0	160.6
98	68.1	51.6	77.4

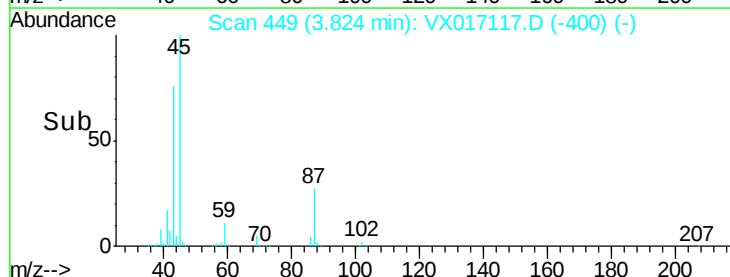
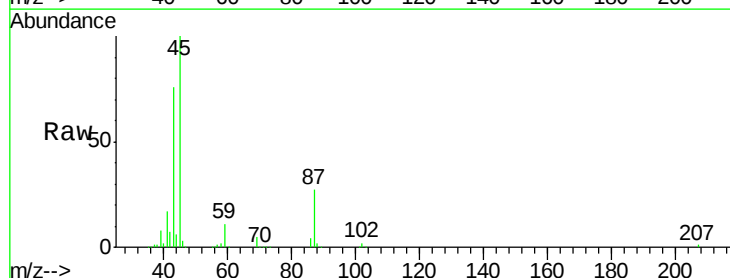
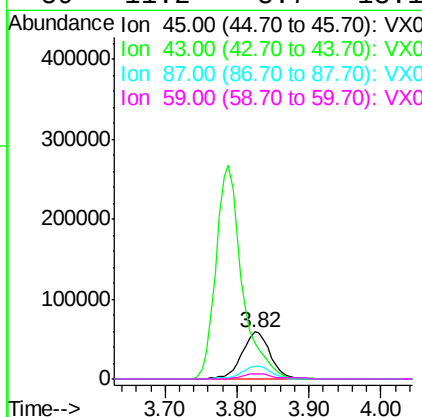
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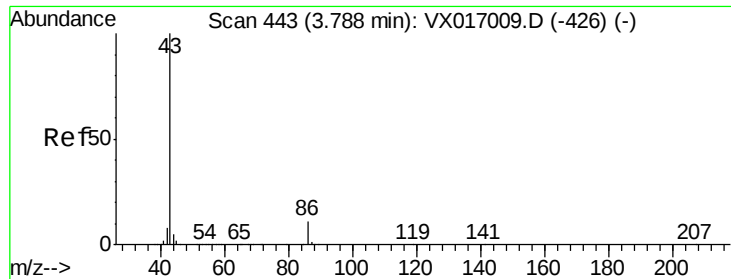
MMDadoda
7/2/2020 9:15:38 AM



#22
Diisopropyl ether
Concen: 19.114 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Lower	Upper
45	100		
43	75.9	58.6	88.0
87	27.5	22.6	34.0
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 94.314 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

Tot Ion: 43 Resp: 674930

Ion Ratio Lower Upper

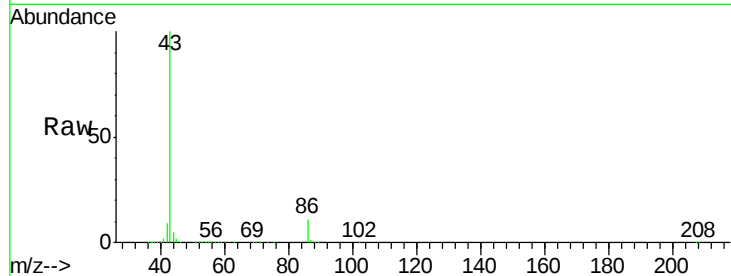
43 100

86 10.9 8.6 13.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

250000

200000

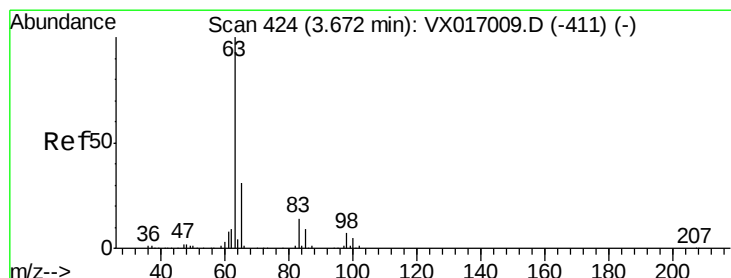
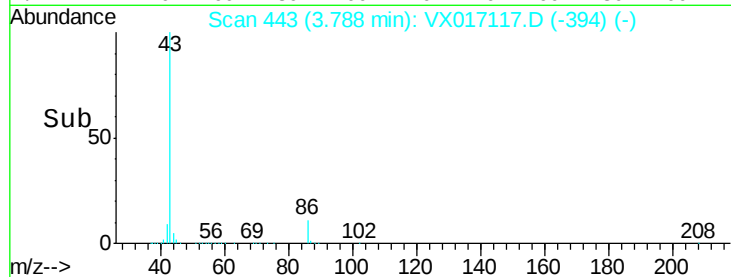
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.872 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

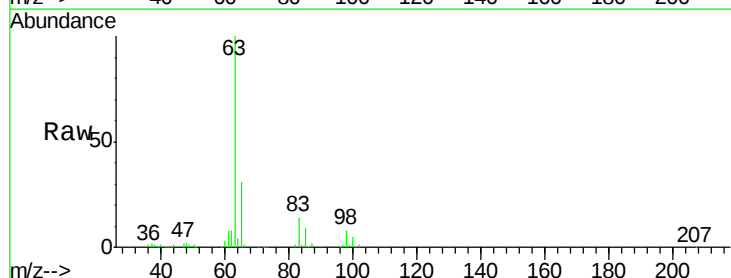
Tgt Ion: 63 Resp: 89425

Ion Ratio Lower Upper

63 100

98 8.2 3.6 10.8

100 4.7 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

40000

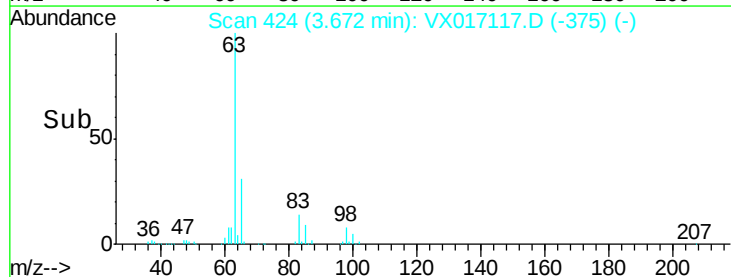
30000

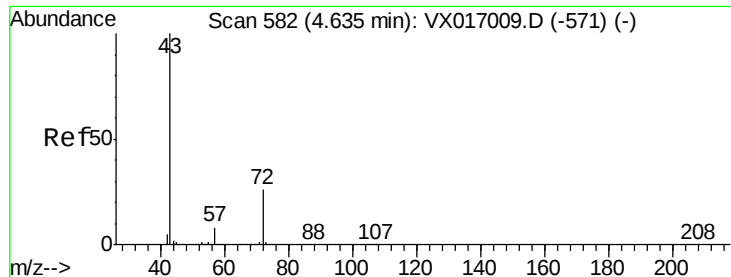
20000

10000

0

Time-->





#25

2-Butanone

Concen: 93.932 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Tot Ion: 43 Resp: 177630

Ion Ratio Lower Upper

43 100

72 25.1 20.8 31.2

Instrument :

MSVOA_X

ClientSampleId :

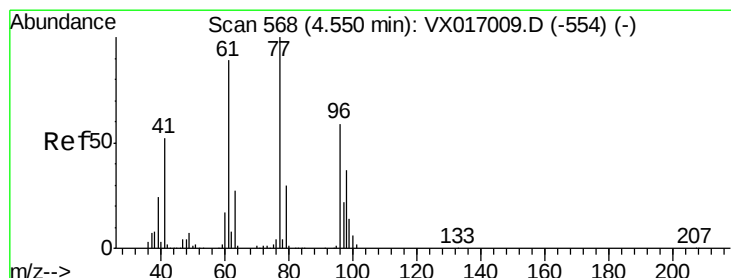
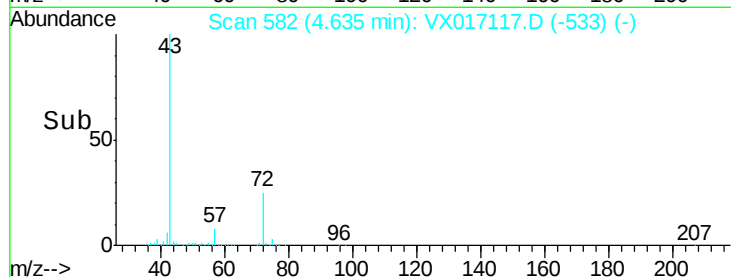
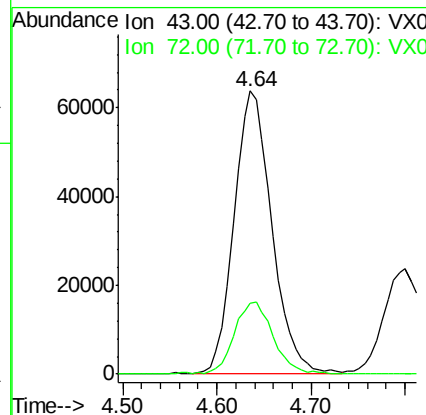
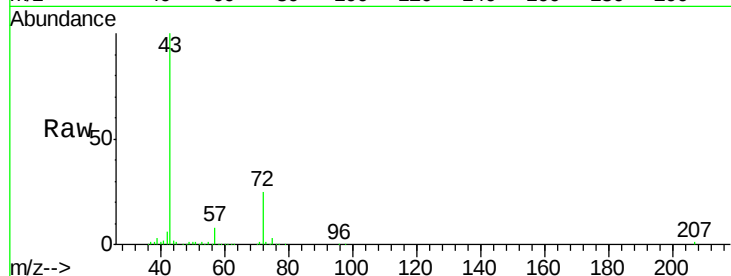
VX0701WBSD02

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7/2/2020 9:15:38 AM



#26

2,2-Dichloropropane

Concen: 15.745 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017117.D

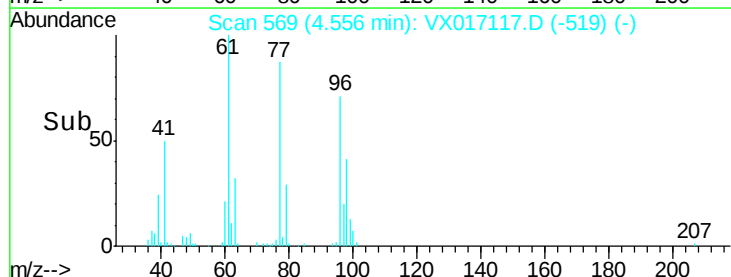
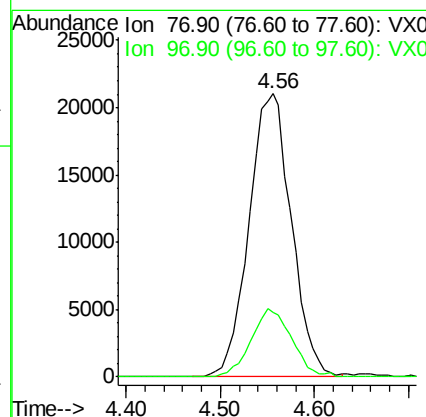
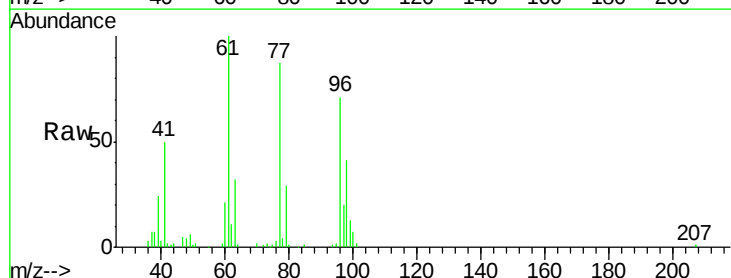
Acq: 01 Jul 2020 23:13

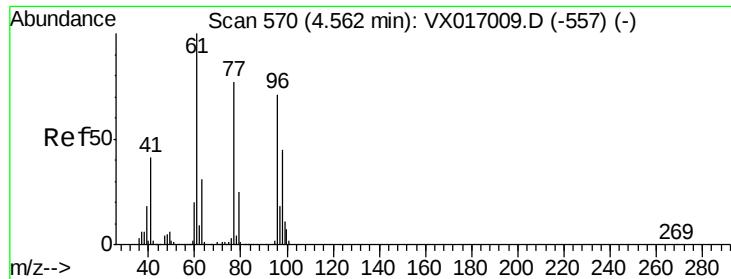
Tgt Ion: 77 Resp: 66244

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.2





#27

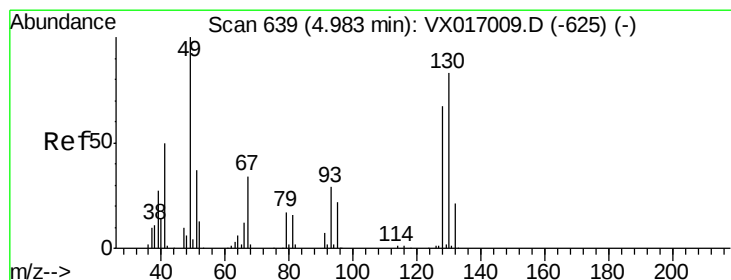
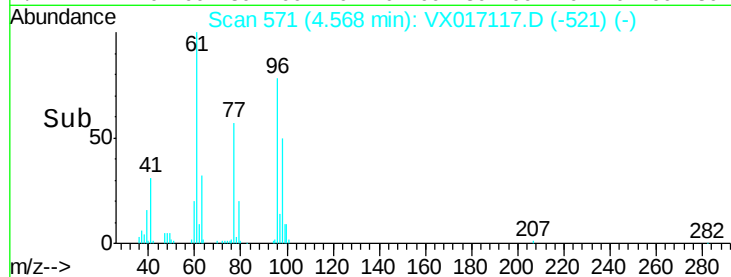
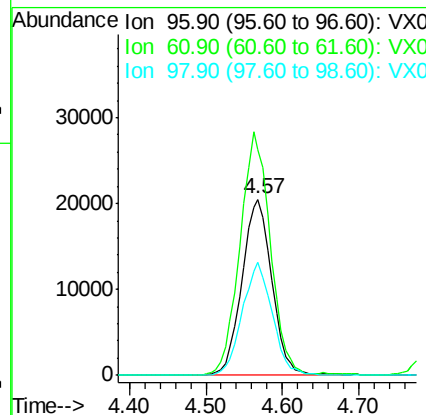
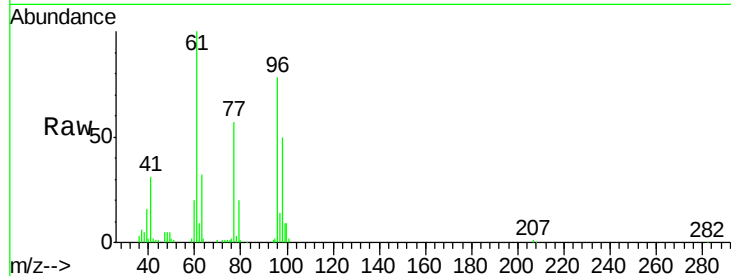
cis-1,2-Dichloroethene
Concen: 18.224 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	55791		
61	139.8		0.0	282.8
98	64.1		0.0	127.6

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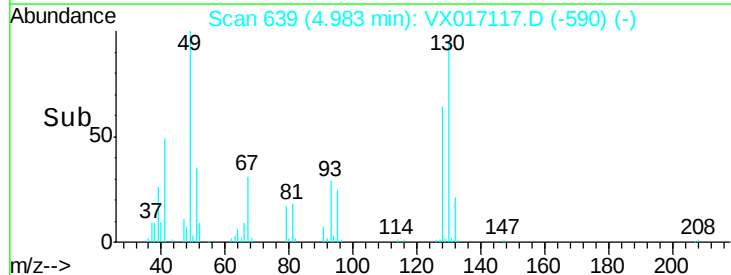
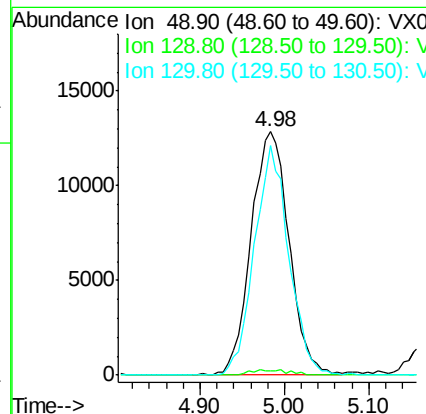
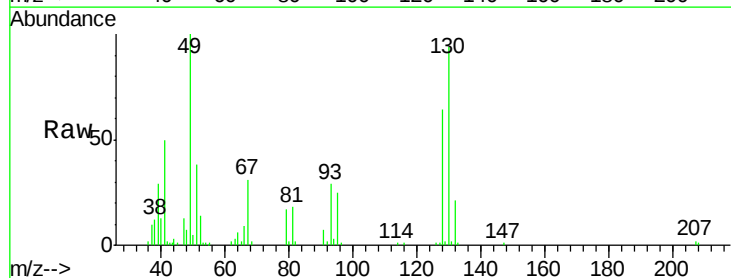
MMDadoda
7/2/2020 9:15:38 AM

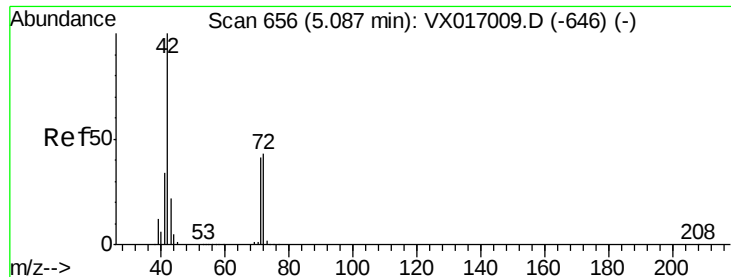


#28

Bromochloromethane
Concen: 17.113 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	39459		
129	2.1		0.0	4.2
130	85.4		66.6	100.0





#29

Tetrahydrofuran

Concen: 93.350 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

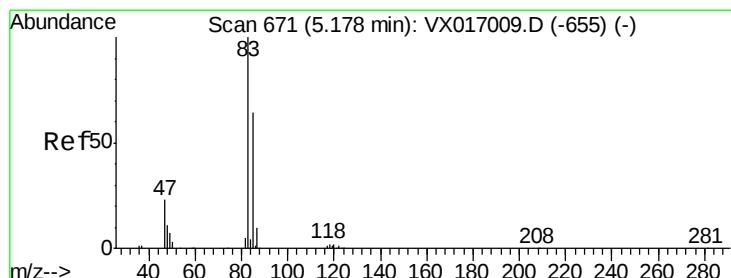
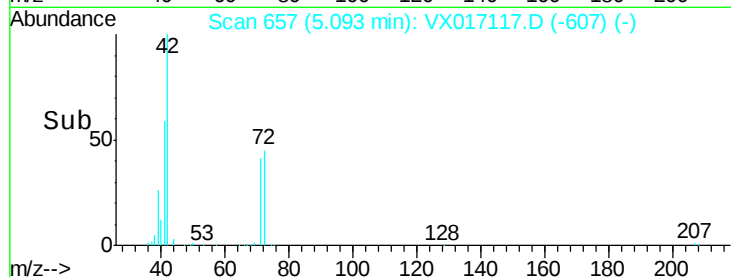
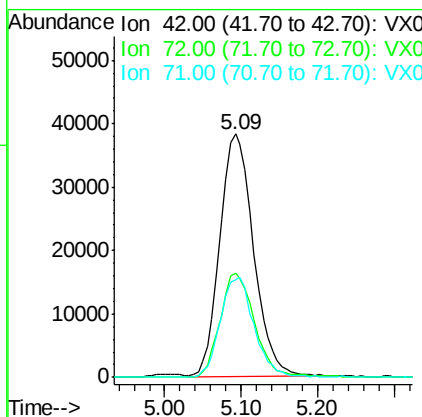
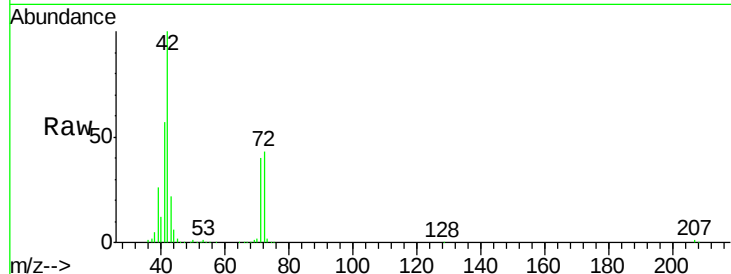
ClientSampleId :

VX0701WBSD02

Tot Ion:	42	Resp:	116637
Ion Ratio		Lower	Upper
42	100		
72	44.4	35.3	52.9
71	41.4	33.1	49.7

Manual Integrations
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#30

Chloroform

Concen: 19.009 ug/l

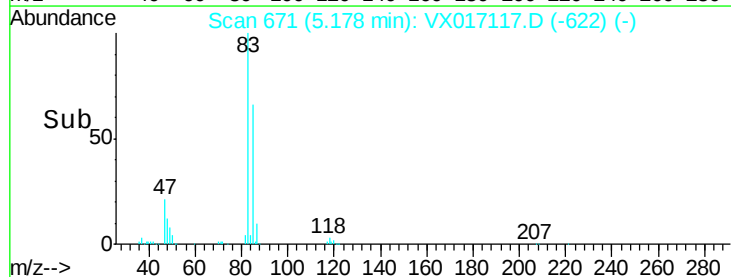
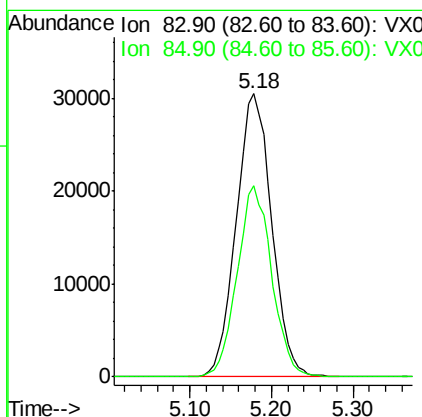
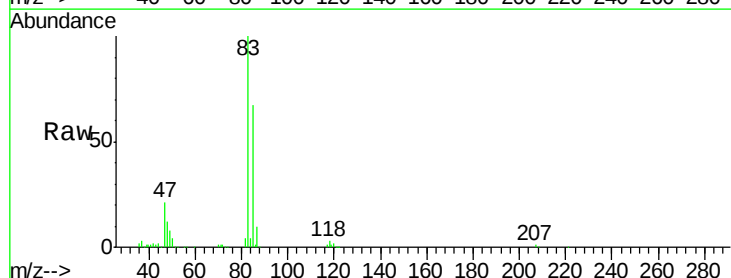
RT: 5.18 min Scan# 671

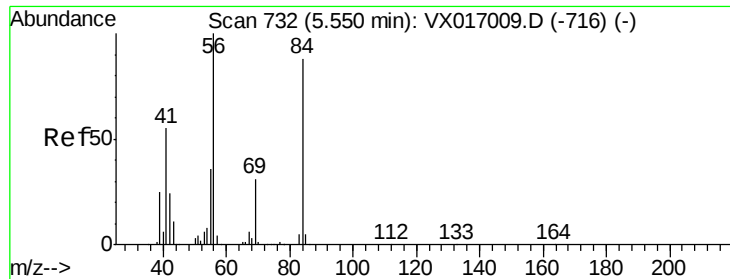
Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Tgt Ion:	83	Resp:	92335
Ion Ratio		Lower	Upper
83	100		
85	67.4	51.4	77.2





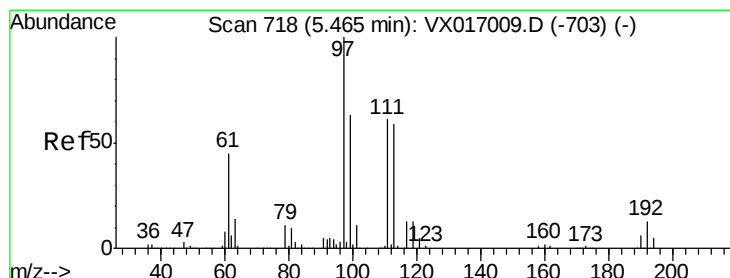
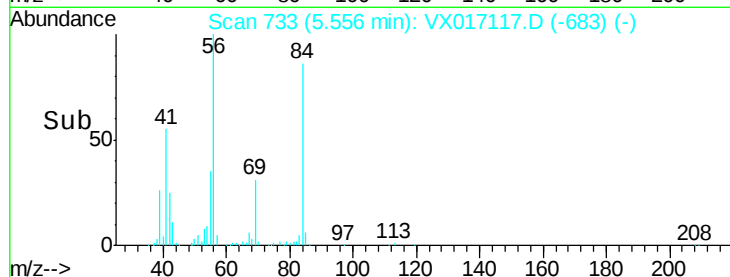
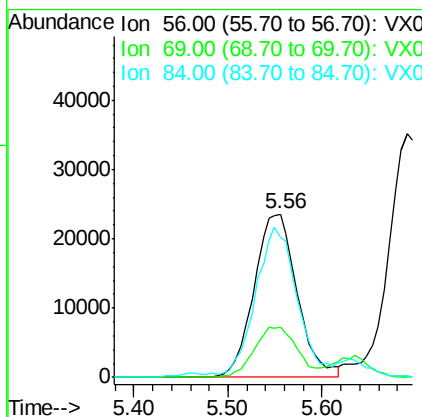
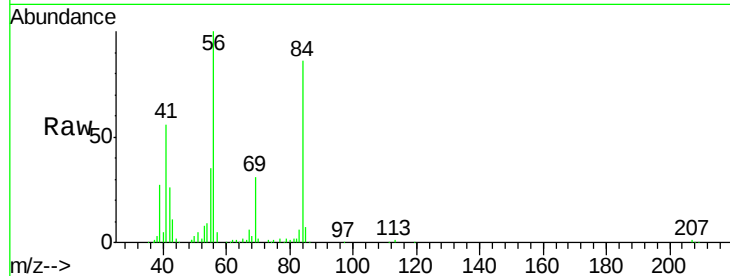
#31
Cyclohexane
Concen: 18.370 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.0	37.4
84	83.6	69.1	103.7

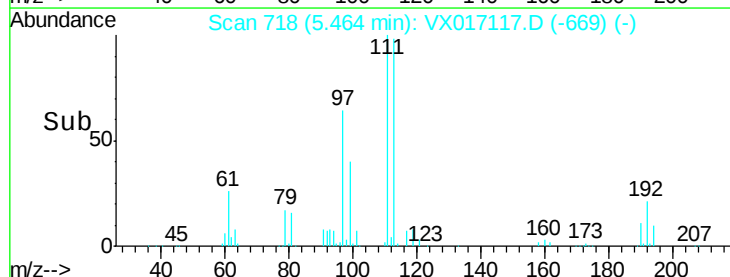
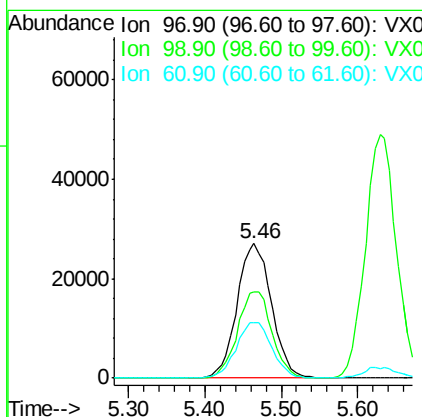
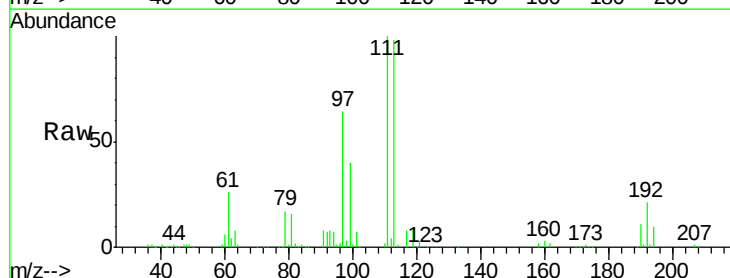
Manual Integrations
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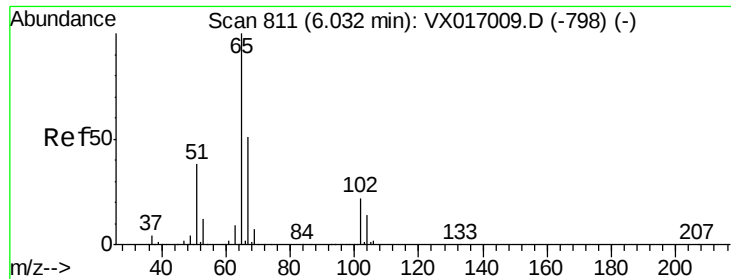
MMDadoda
7/2/2020 9:15:38 AM



#32
1,1,1-Trichloroethane
Concen: 18.850 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.8	76.2
61	43.1	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 48.473 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

Tot Ion: 65 Resp: 147055

Ion Ratio Lower Upper

65 100

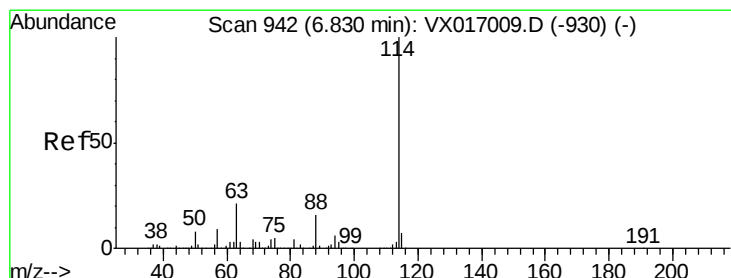
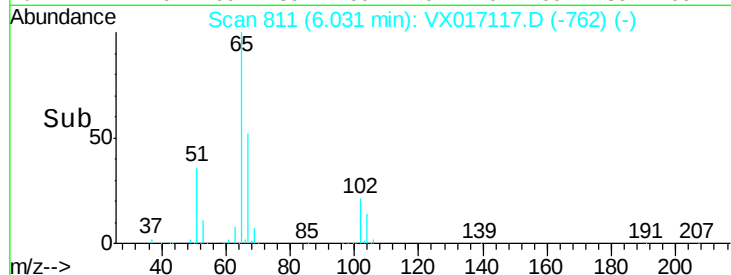
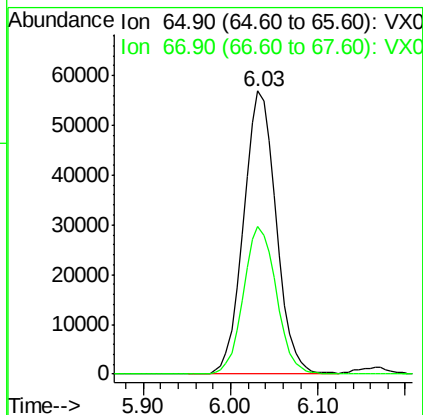
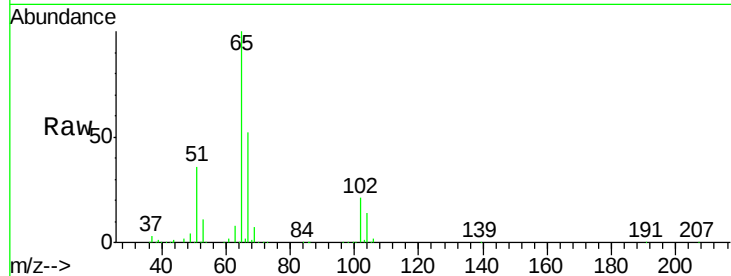
67 52.7 0.0 103.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

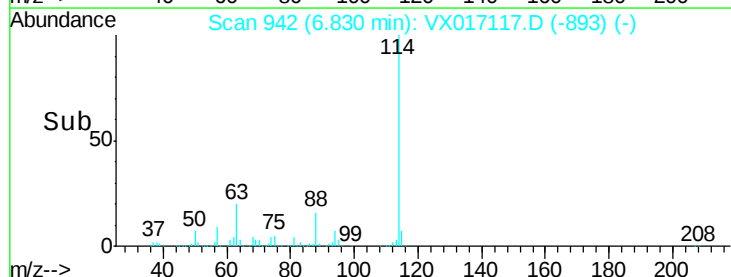
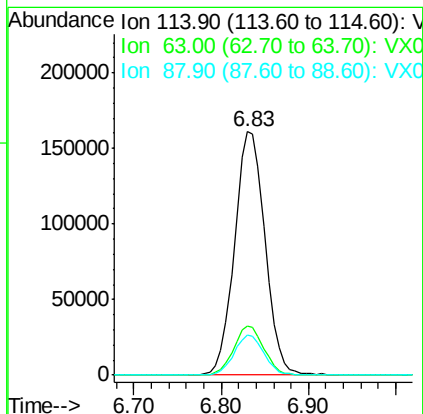
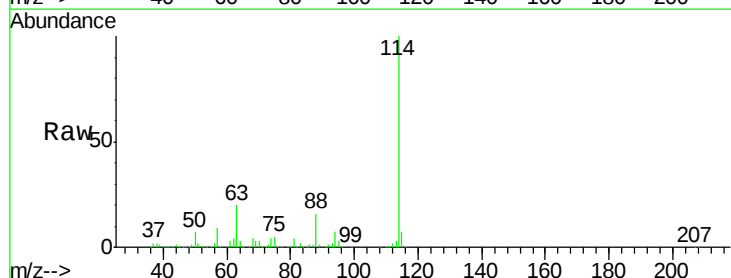
Tgt Ion: 114 Resp: 390485

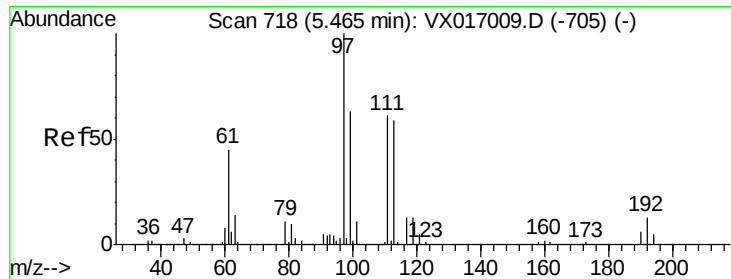
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.4

88 16.4 0.0 32.4





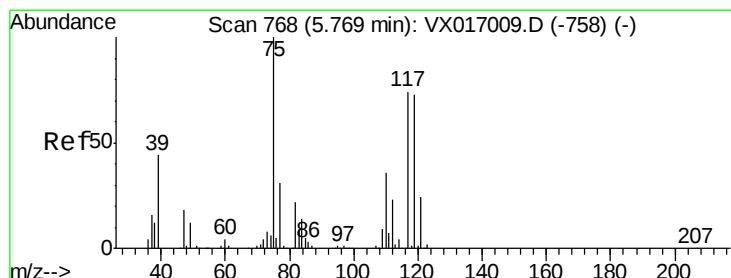
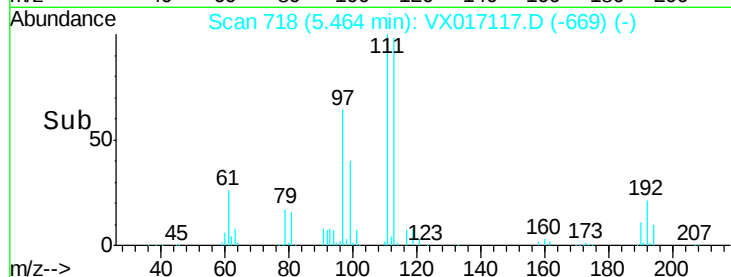
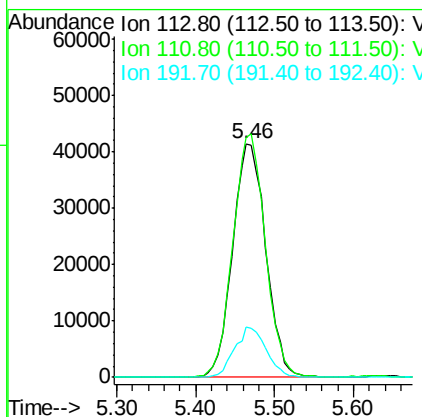
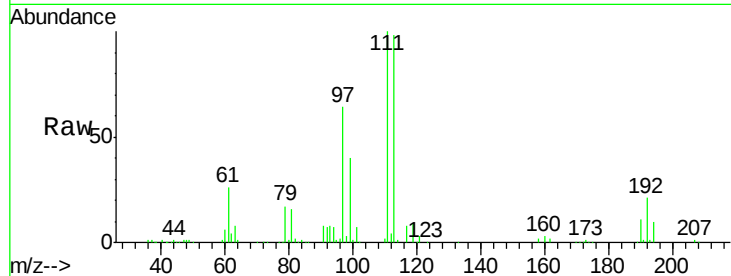
#35
 Dibromofluoromethane
 Concen: 49.193 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	121512		
111	101.7	81.9	122.9	
192	20.6	16.7	25.1	

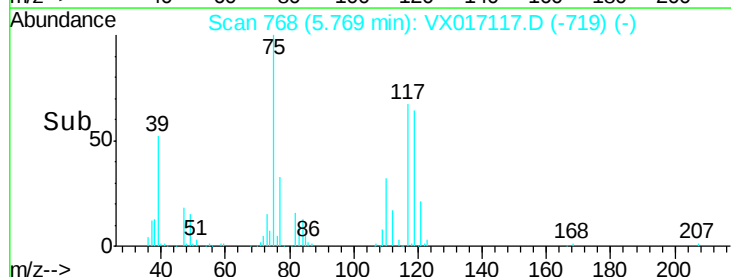
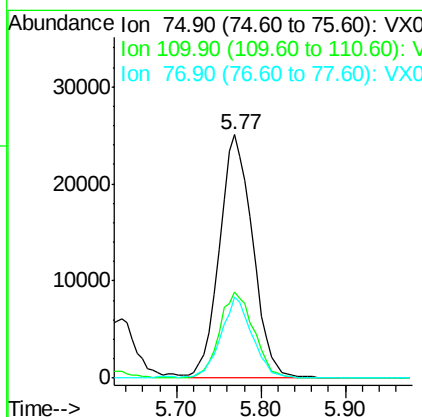
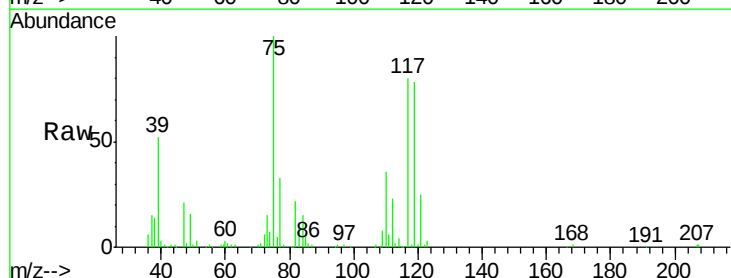
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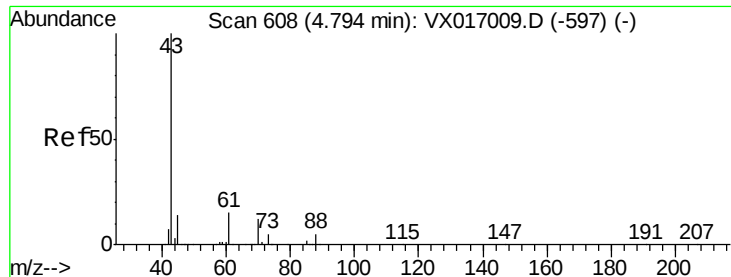
MMDadoda
 7/2/2020 9:15:38 AM



#36
 1,1-Dichloropropene
 Concen: 18.301 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	67540		
110	36.5	18.1	54.1	
77	31.3	24.6	37.0	





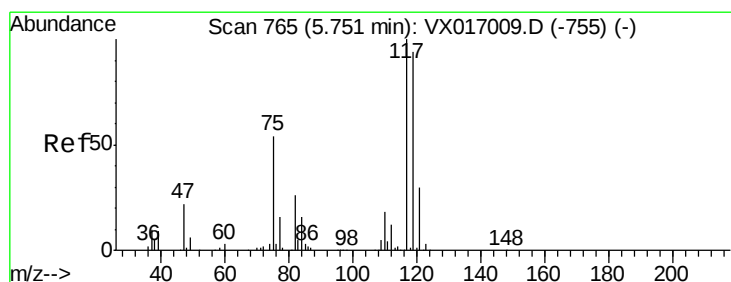
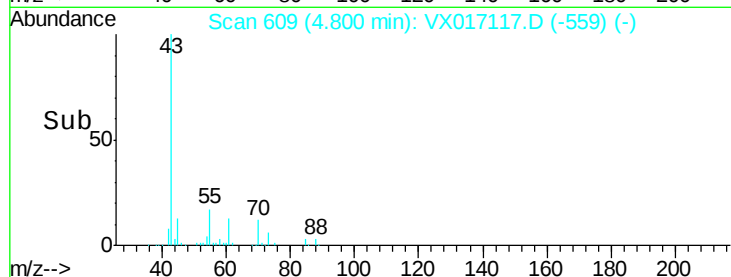
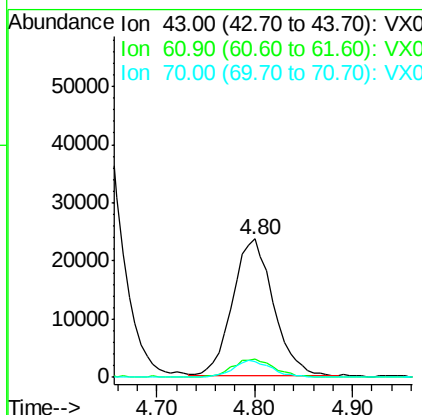
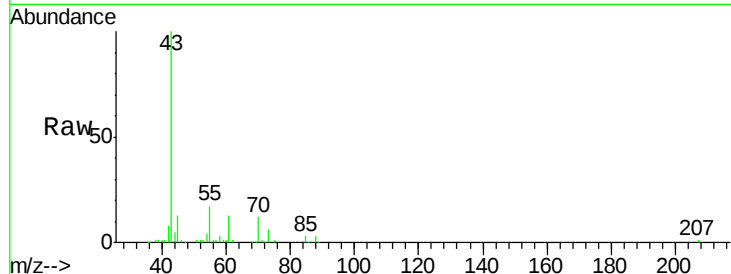
#37
Ethyl Acetate
Concen: 18.249 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.0	16.4
70	12.0	8.9	13.3

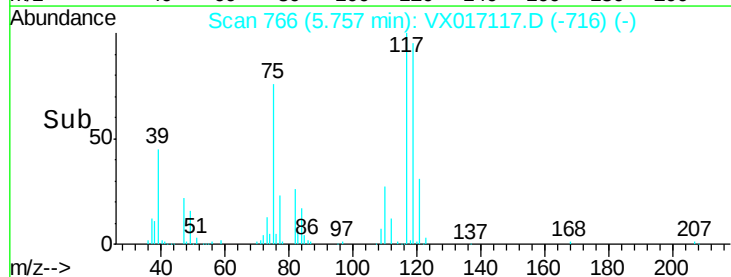
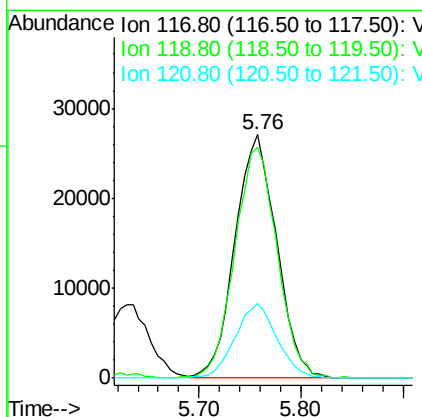
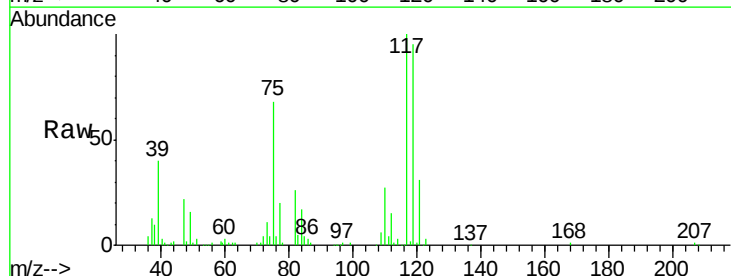
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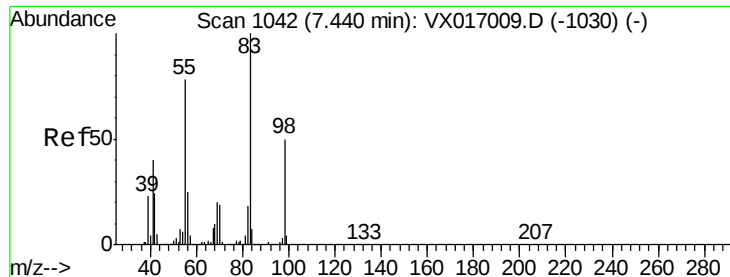
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#38
Carbon Tetrachloride
Concen: 18.805 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.4	113.0
121	30.9	23.8	35.6





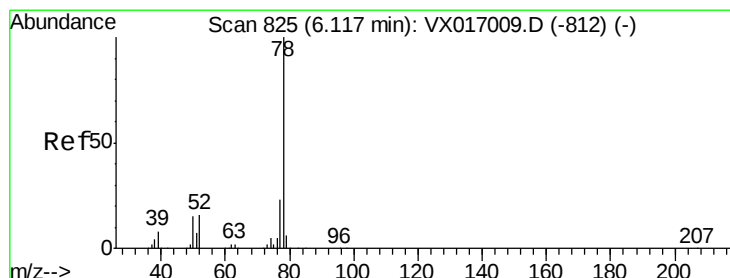
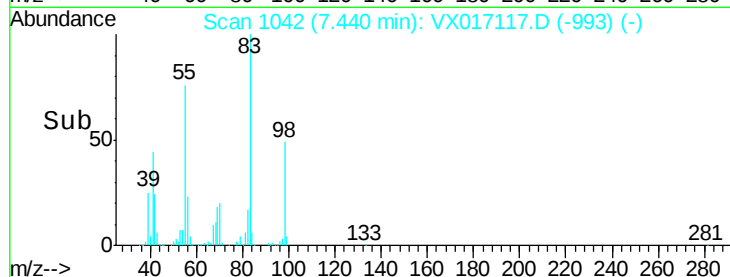
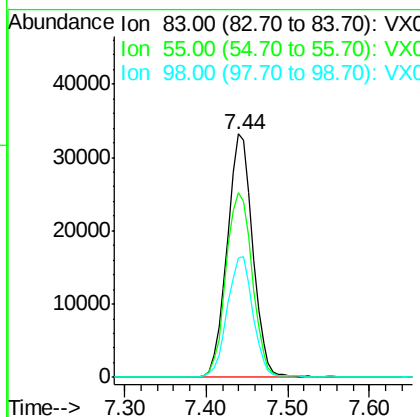
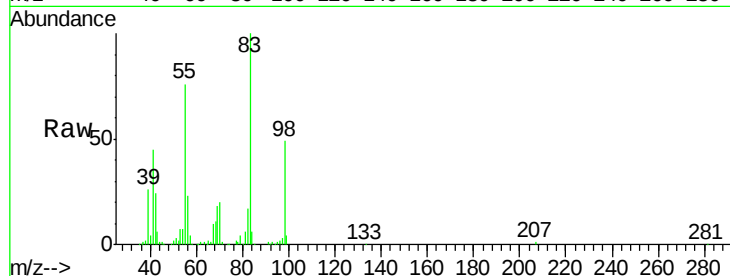
#39
Methvlcvclohexane
Concen: 17.430 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	62.5	93.7
98	49.3	40.1	60.1

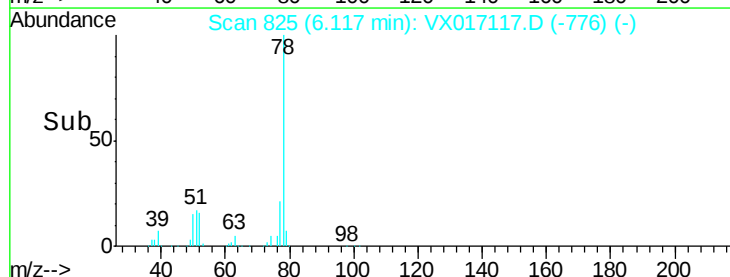
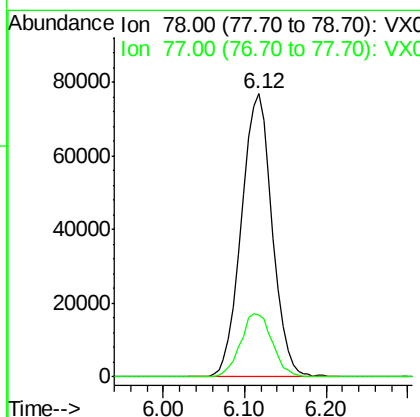
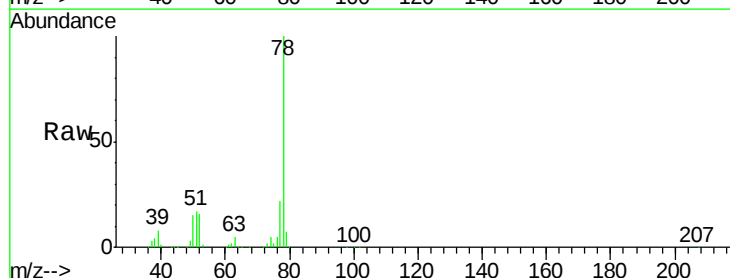
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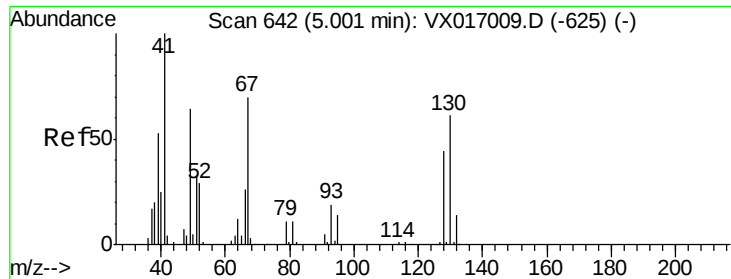
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#40
Benzene
Concen: 18.587 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.7	18.3	27.5





#41

Methacrylonitrile

Concen: 18.968 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

Tot Ion: 41 Resp: 39975

Ion Ratio Lower Upper

41 100

39 53.7 44.4 66.6

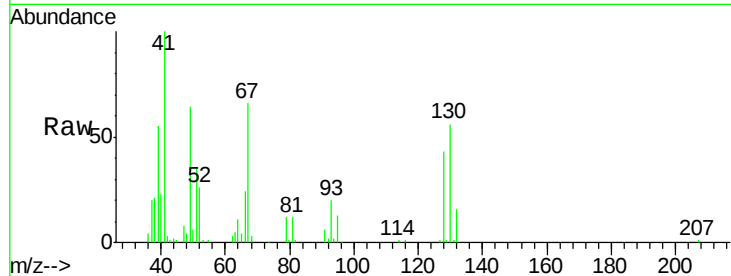
67 68.8 57.1 85.7

52 28.5 23.2 34.8

Manual Integrations
APPROVED

MMDadoda

7/2/2020 9:15:38 AM

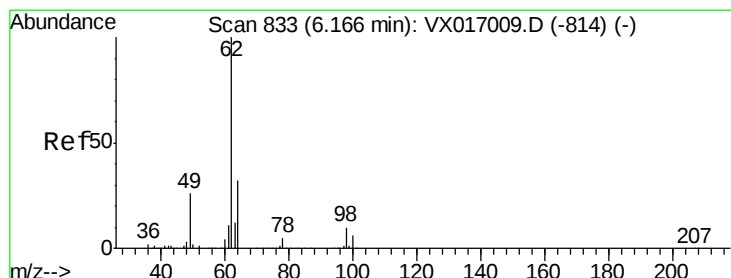
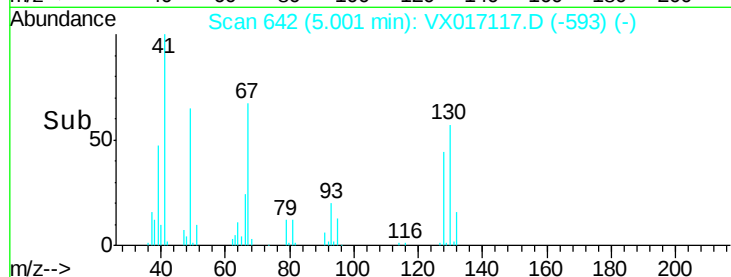
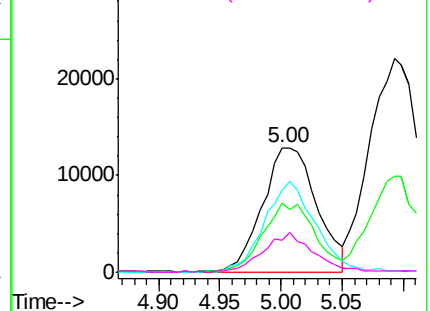


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.080 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017117.D

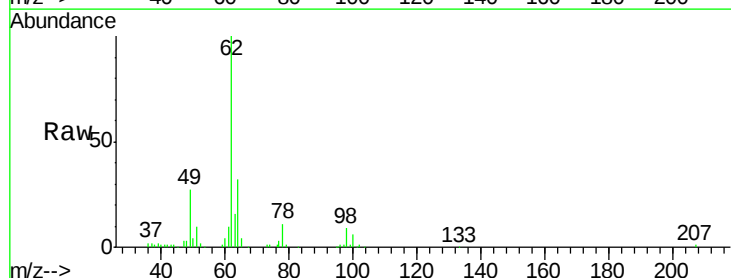
Acq: 01 Jul 2020 23:13

Tgt Ion: 62 Resp: 74733

Ion Ratio Lower Upper

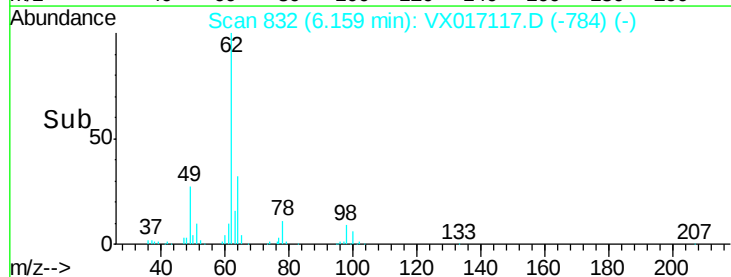
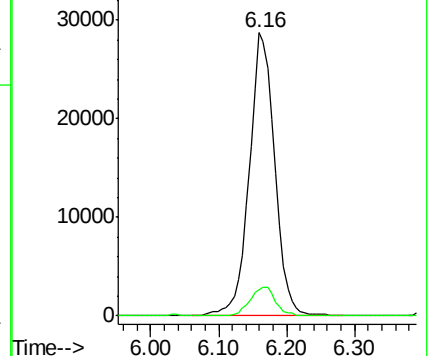
62 100

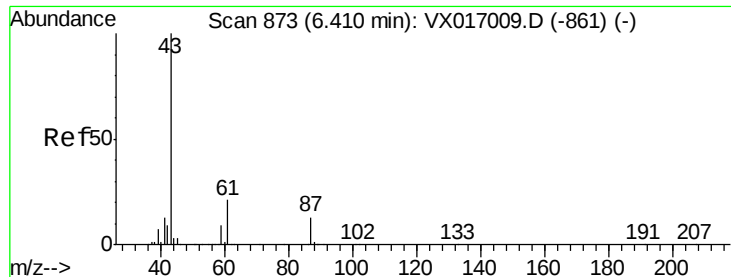
98 10.2 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

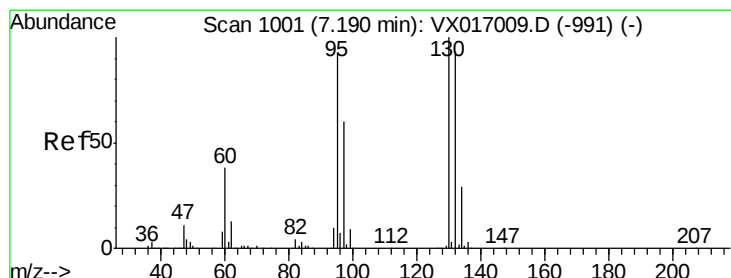
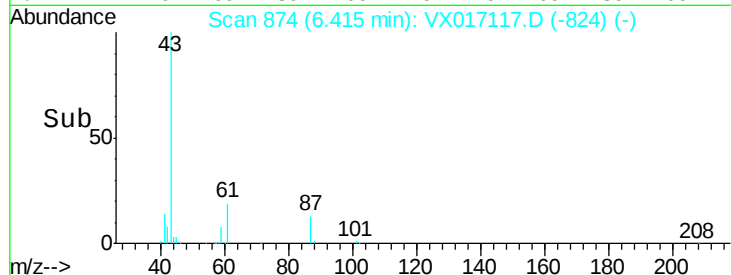
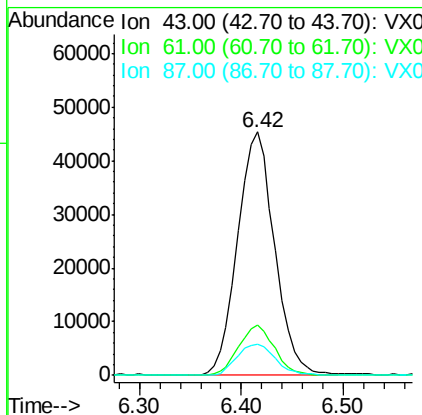
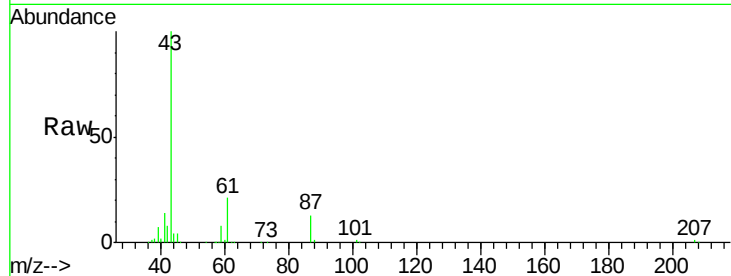
Isopropyl Acetate
 Concen: 18.330 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.2	24.2
87	13.5	10.7	16.1

Manual Integrations
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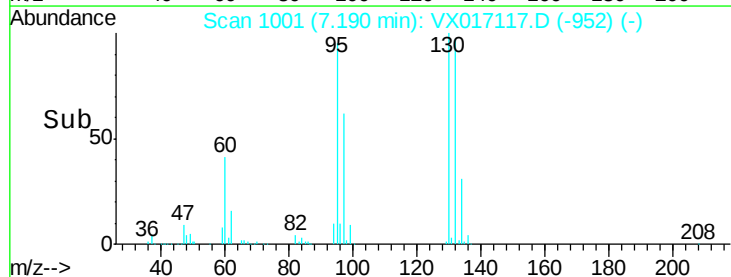
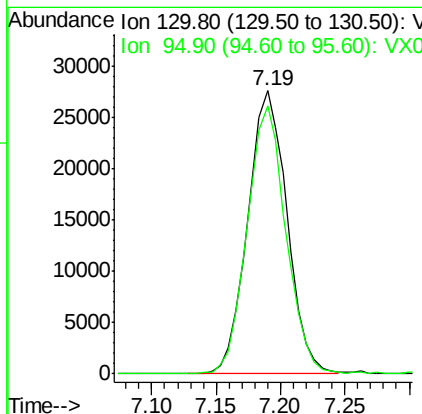
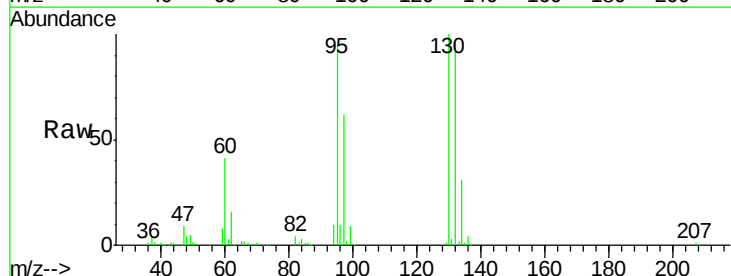
MMDadoda
 7/2/2020 9:15:38 AM

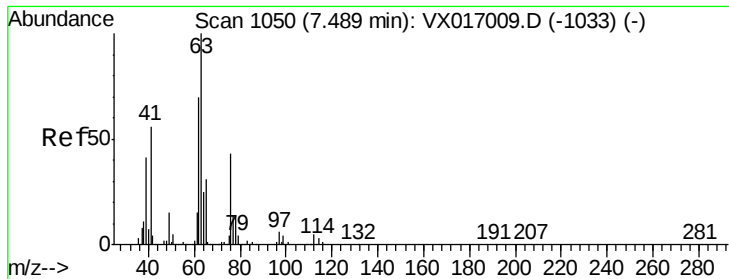


#44

Trichloroethene
 Concen: 19.254 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	185.0





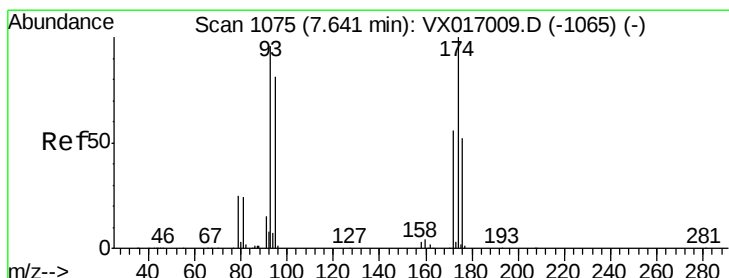
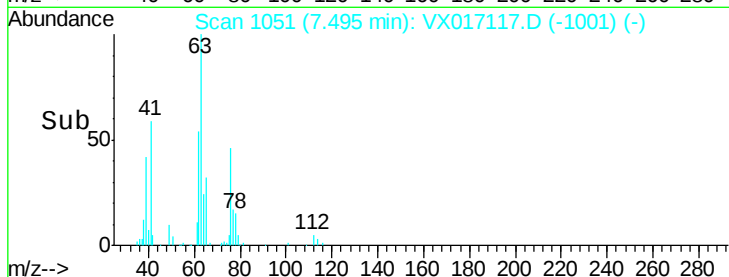
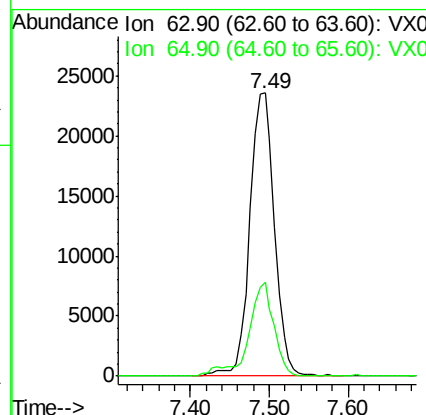
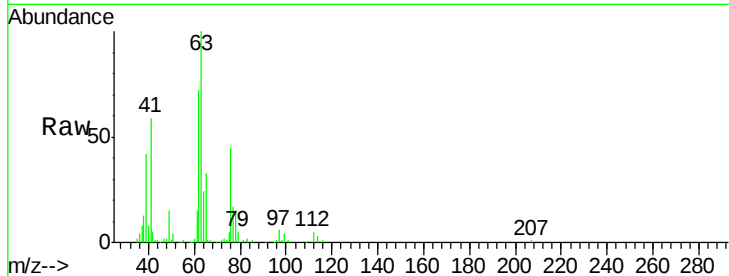
#45
 1,2-Dichloropropane
 Concen: 18.390 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.4	24.6	36.8

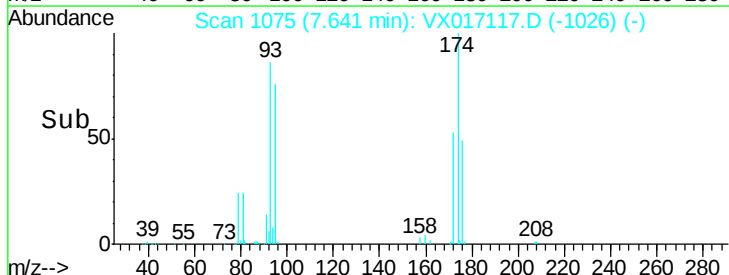
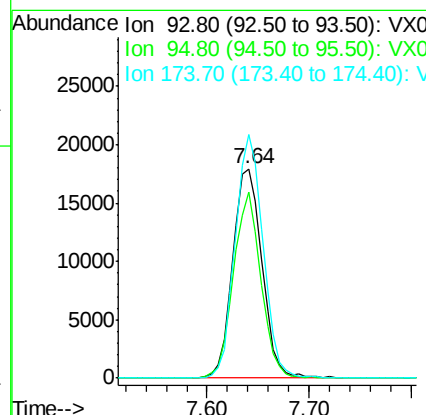
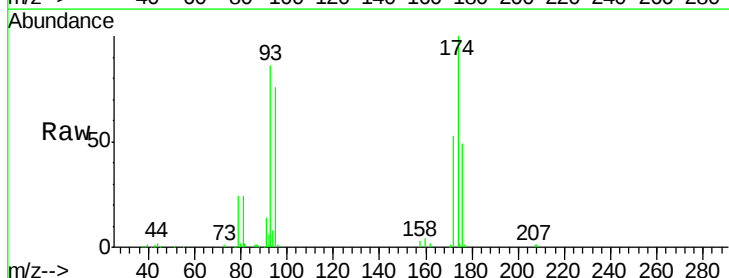
Manual Integrations
 APPROVED

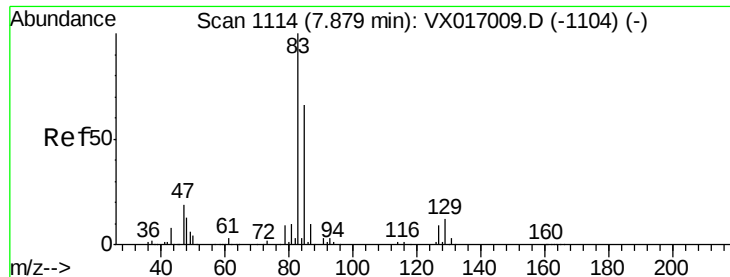
MMDadoda
 7/2/2020 9:15:38 AM



#46
 Dibromomethane
 Concen: 18.708 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	67.4	101.0
174	111.1	84.3	126.5





#47

Bromodichloromethane

Concen: 18.559 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

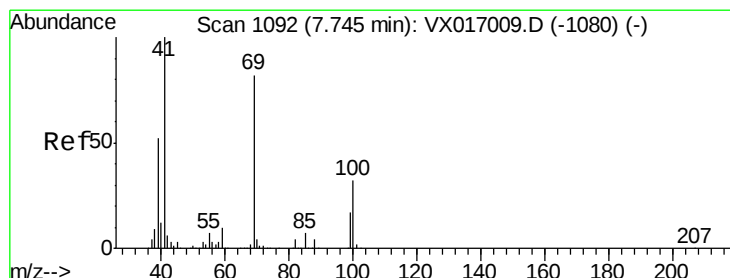
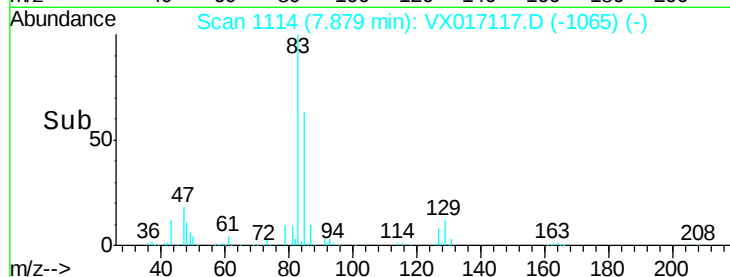
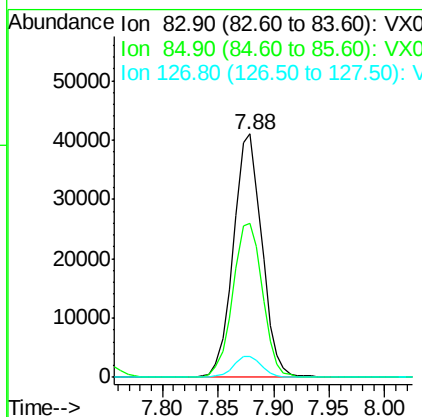
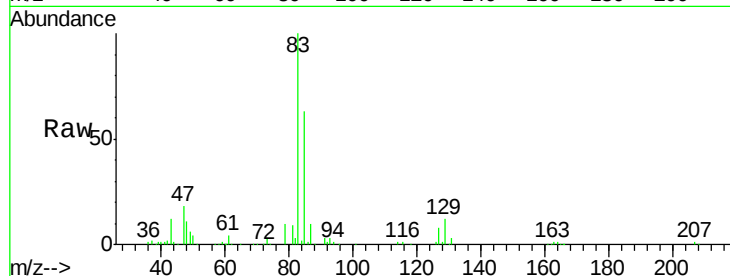
ClientSampleId :

VX0701WBSD02

Tot Ion:	83	Resp:	72725
Ion	Ratio	Lower	Upper
83	100		
85	63.5	53.0	79.4
127	8.4	7.5	11.3

Manual Integrations
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MMDadoda
7/2/2020 9:15:38 AM



#48

Methyl methacrylate

Concen: 18.735 ug/l

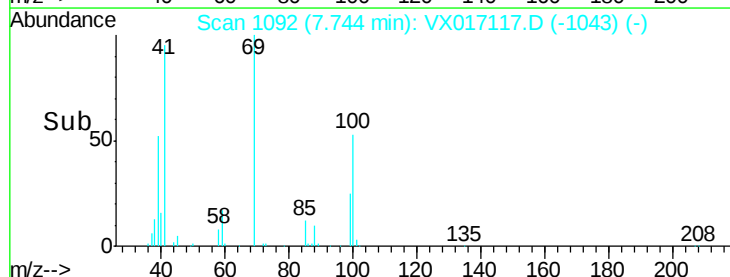
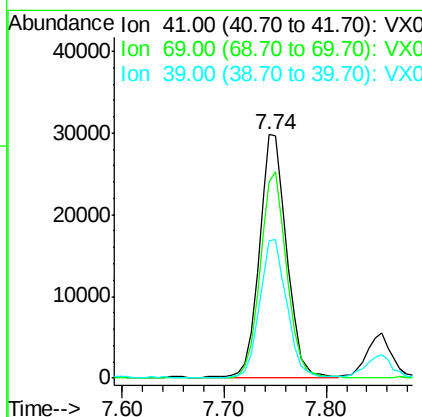
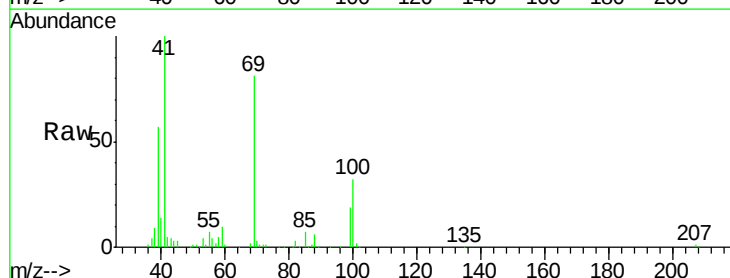
RT: 7.74 min Scan# 1092

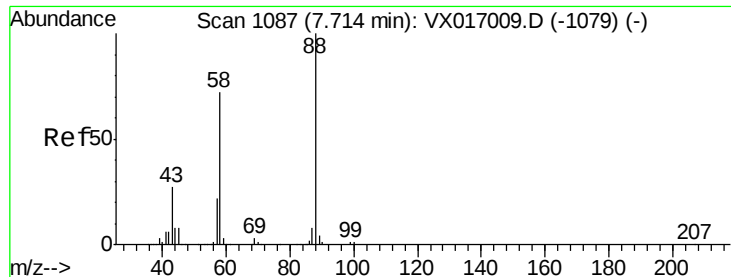
Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Tgt Ion:	41	Resp:	55383
Ion	Ratio	Lower	Upper
41	100		
69	83.2	65.8	98.8
39	57.5	42.5	63.7





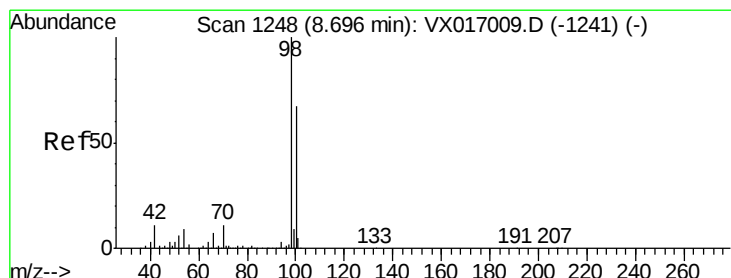
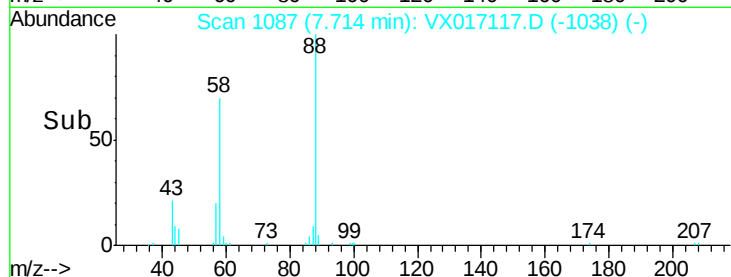
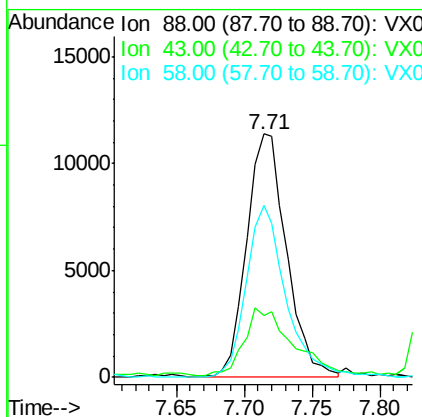
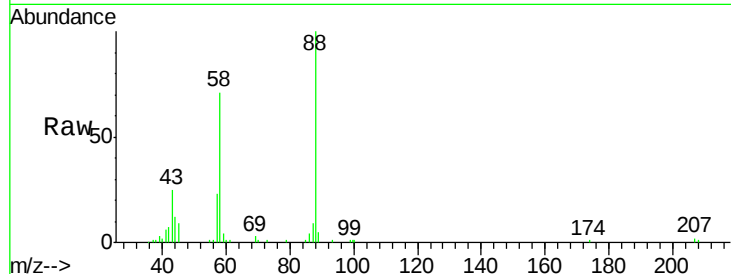
#49
1,4-Dioxane
Concen: 349.556 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	25.8	38.8
58	70.9	54.8	82.2

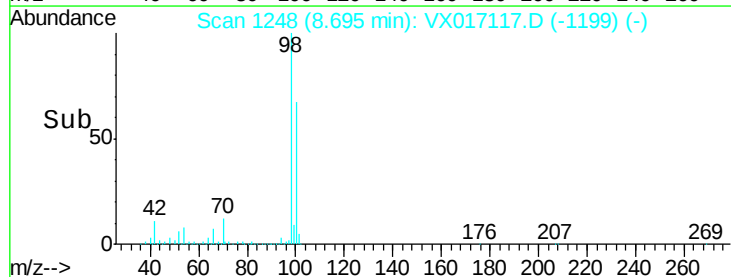
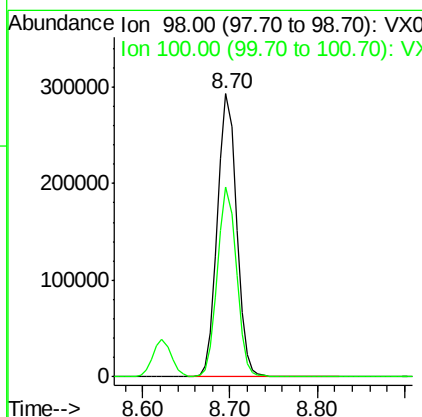
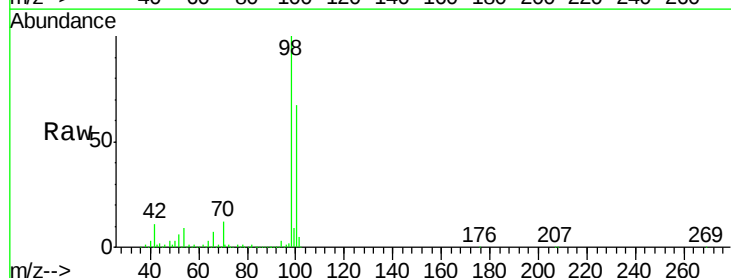
Manual Integrations
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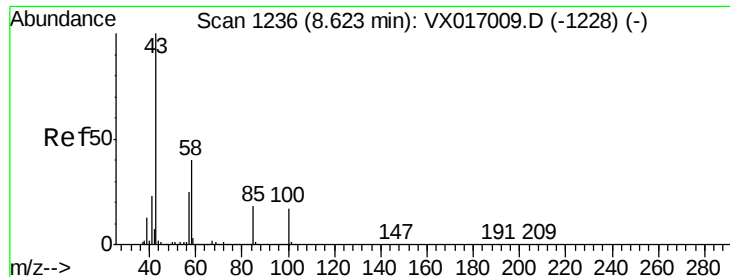
MMDadoda
7/2/2020 9:15:38 AM



#50
Toluene-d8
Concen: 48.849 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 95.747 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampled :

VX0701WBSD02

Tot Ion: 43 Resp: 355131

Ion Ratio Lower Upper

43 100

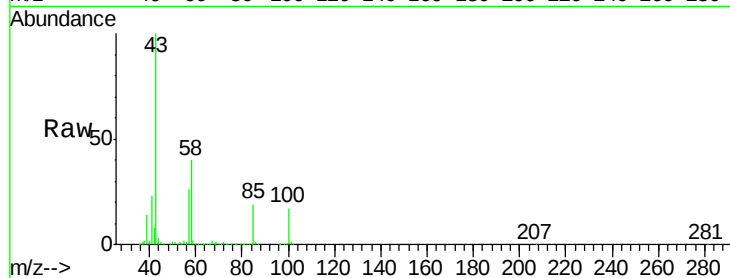
58 39.8 31.9 47.9

Manual Integrations

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MMDadoda

7/2/2020 9:15:38 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

250000

200000

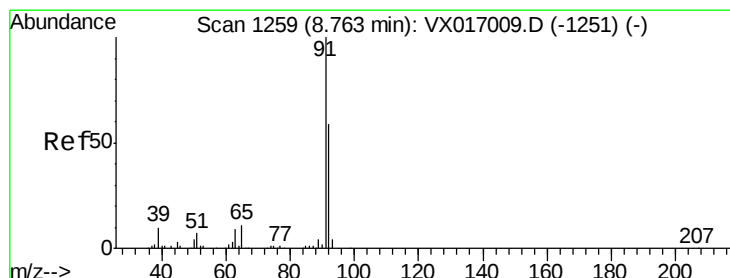
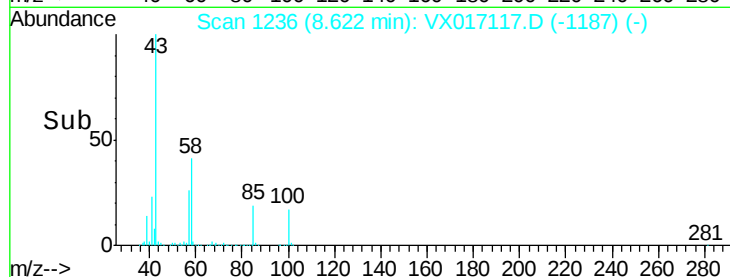
150000

100000

50000

0

Time--> 8.50 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 19.009 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017117.D

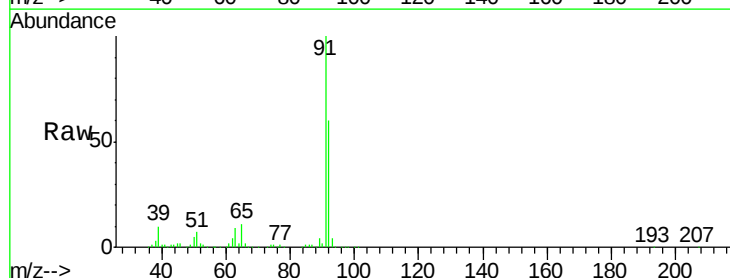
Acq: 01 Jul 2020 23:13

Tgt Ion: 92 Resp: 128694

Ion Ratio Lower Upper

92 100

91 170.0 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

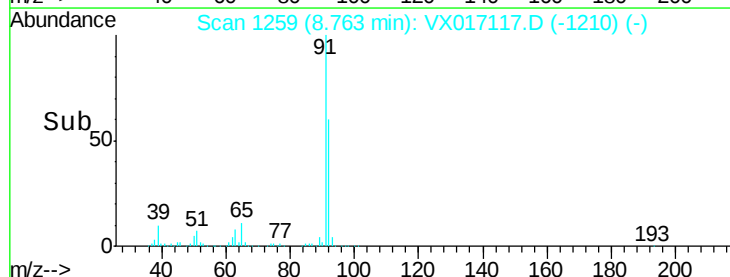
150000

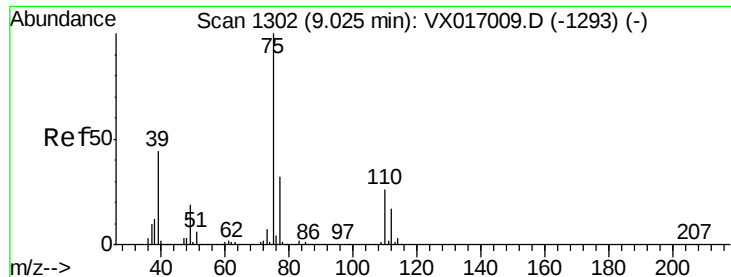
100000

50000

0

Time--> 8.70 8.80 8.90





#53

t-1,3-Dichloropropene

Concen: 17.759 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Tot Ion: 75 Resp: 76780

Ion Ratio Lower Upper

75 100

77 30.4 25.6 38.4

Instrument :

MSVOA_X

ClientSampleId :

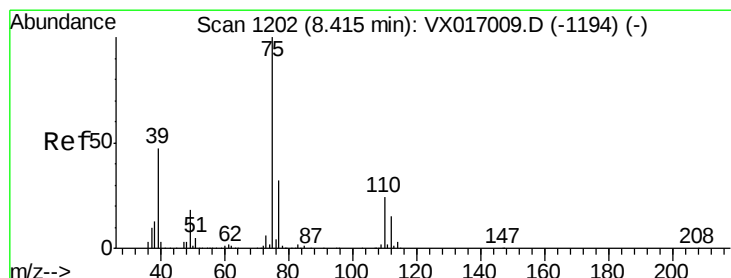
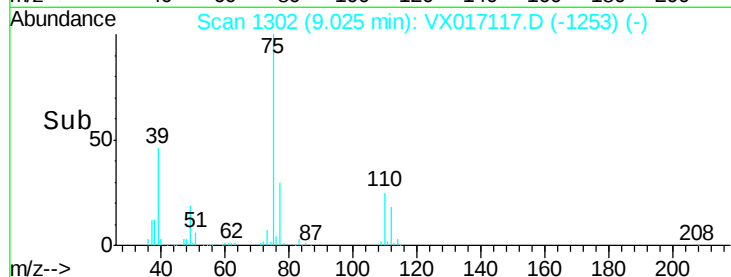
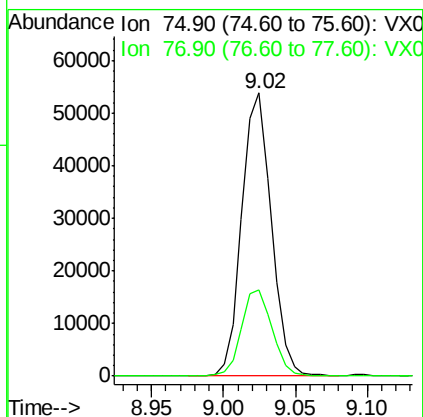
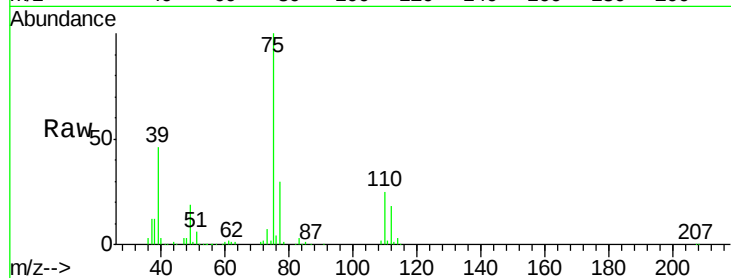
VX0701WBSD02

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7/2/2020 9:15:38 AM



#54

cis-1,3-Dichloropropene

Concen: 18.144 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

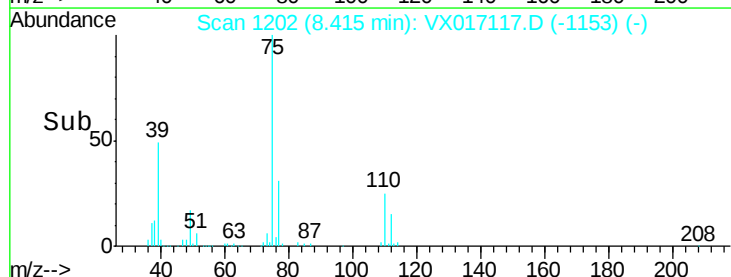
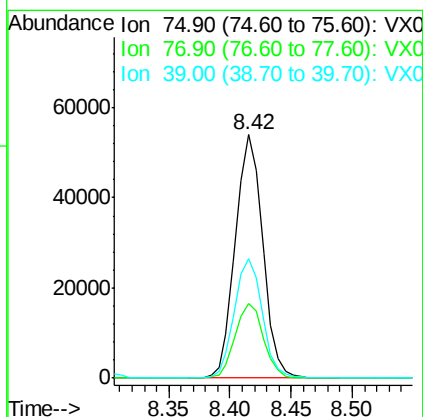
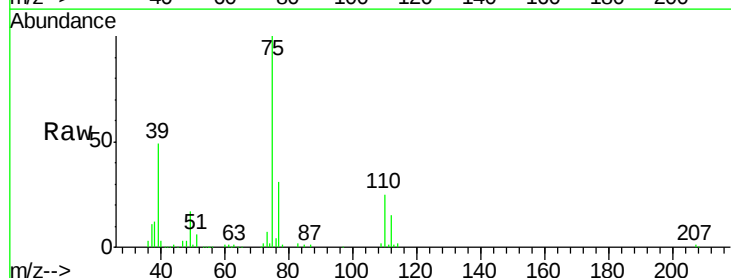
Tgt Ion: 75 Resp: 84090

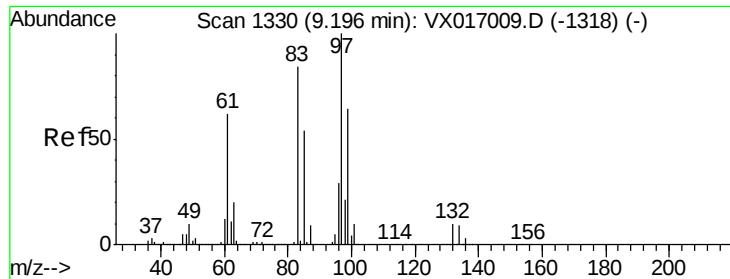
Ion Ratio Lower Upper

75 100

77 30.6 25.2 37.8

39 48.6 37.4 56.2





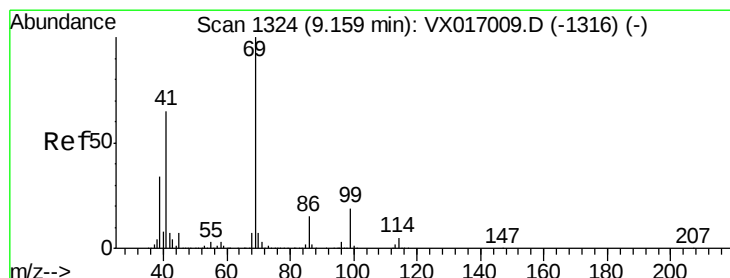
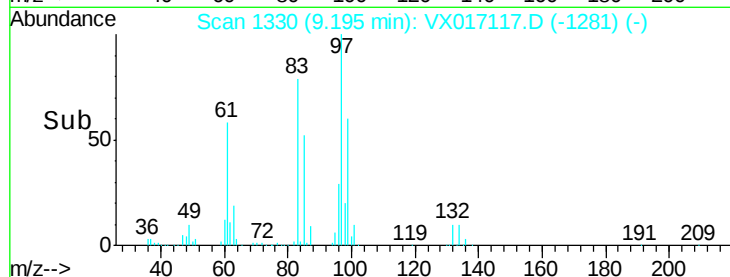
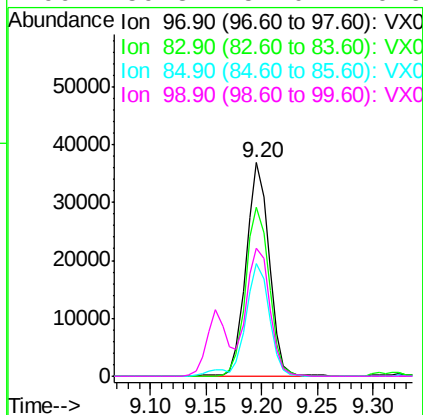
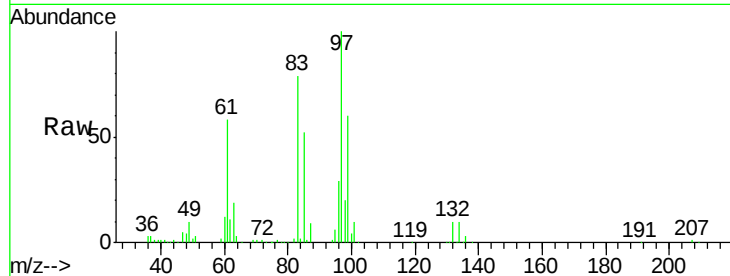
#55
 1,1,2-Trichloroethane
 Concen: 19.275 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

Tot Ion:	97	Resp:	53316
Ion	Ratio	Lower	Upper
97	100		
83	78.9	67.0	100.6
85	52.5	43.5	65.3
99	59.8	51.0	76.6

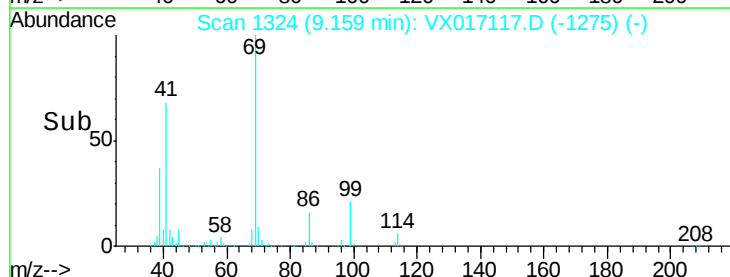
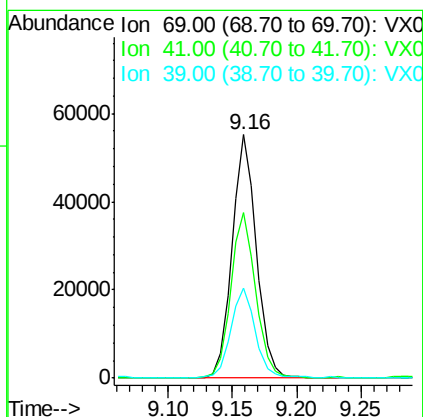
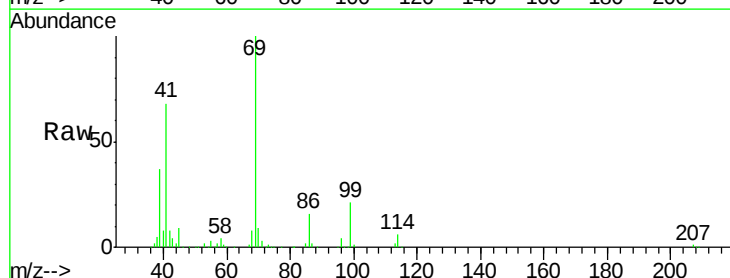
Manual Integrations
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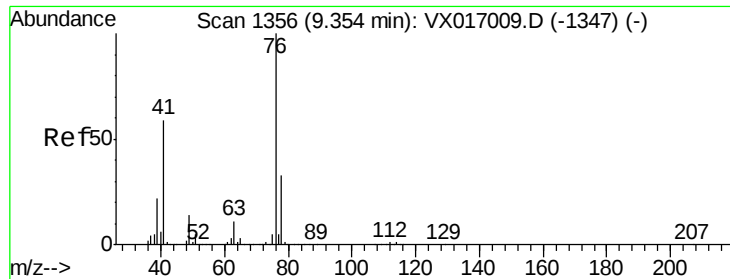
MMDadoda
 7/2/2020 9:15:38 AM



#56
 Ethyl methacrylate
 Concen: 18.496 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Tgt Ion:	69	Resp:	72817
Ion	Ratio	Lower	Upper
69	100		
41	69.3	53.6	80.4
39	37.1	28.2	42.2





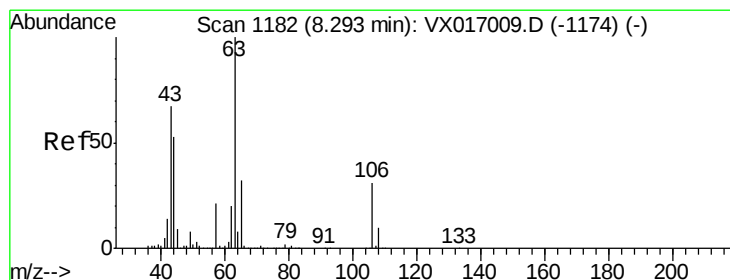
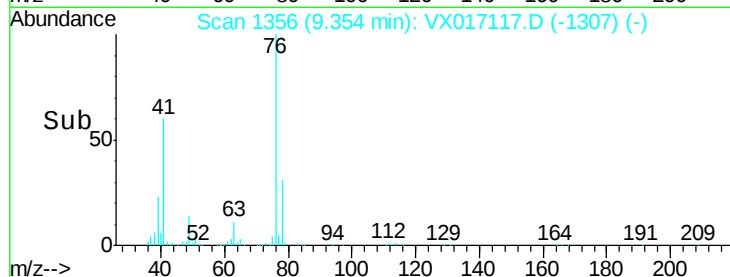
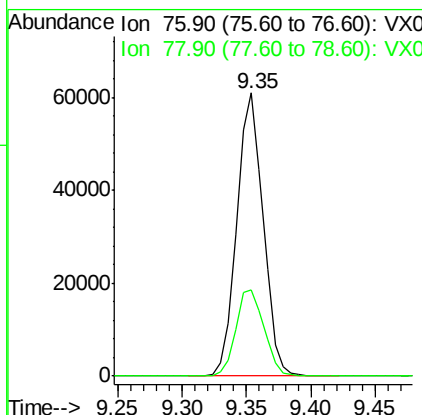
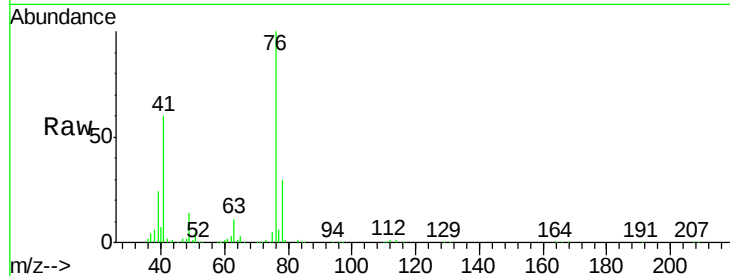
#57
 1,3-Dichloropropane
 Concen: 18.545 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.9	38.9

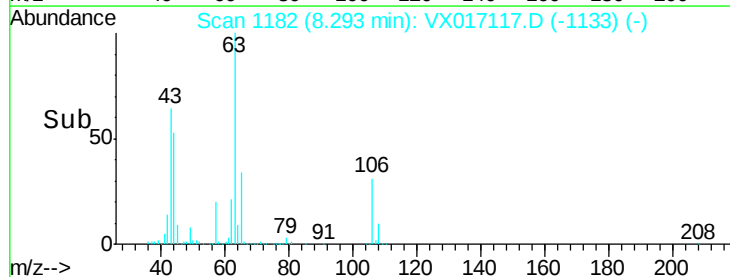
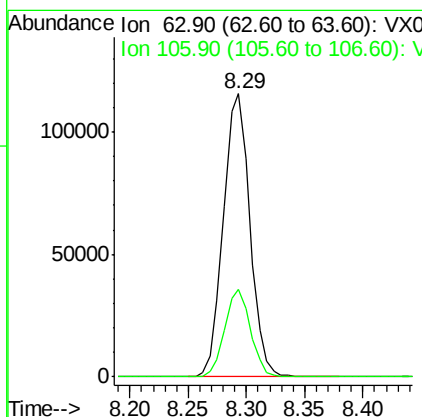
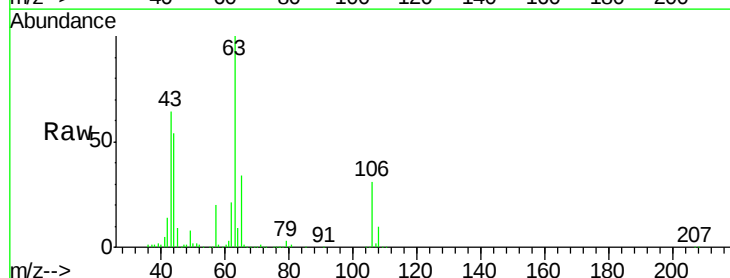
Manual Integrations
 APPROVED

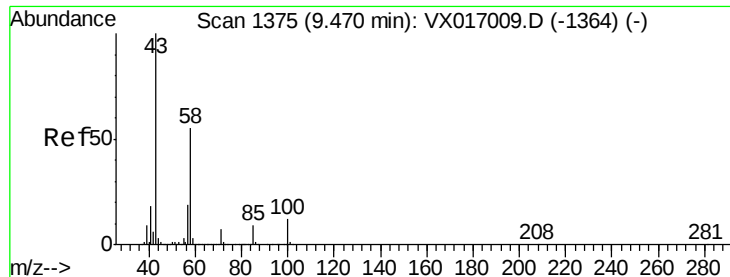
MMDadoda
 7/2/2020 9:15:38 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.374 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.1	24.0	36.0





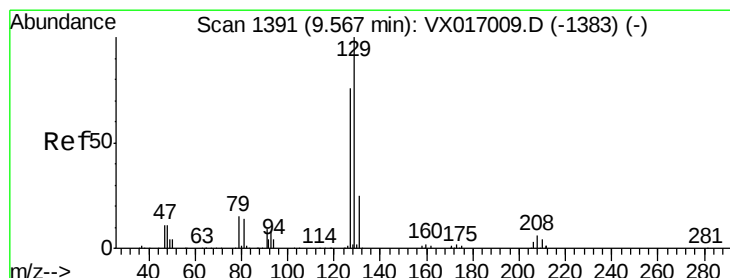
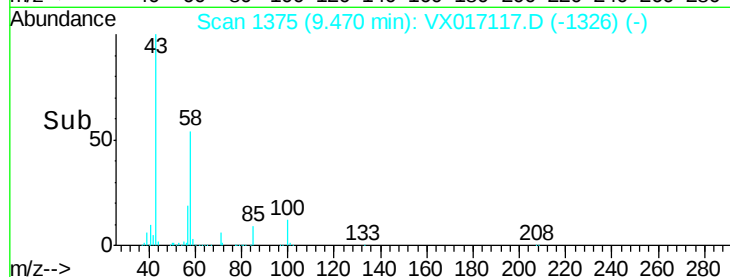
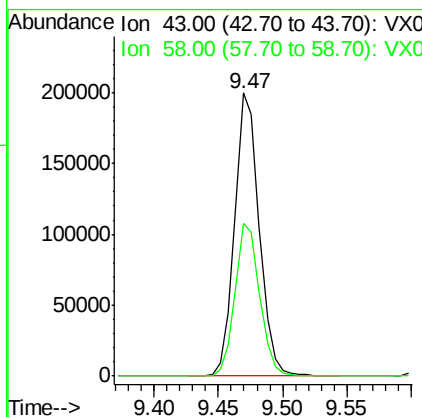
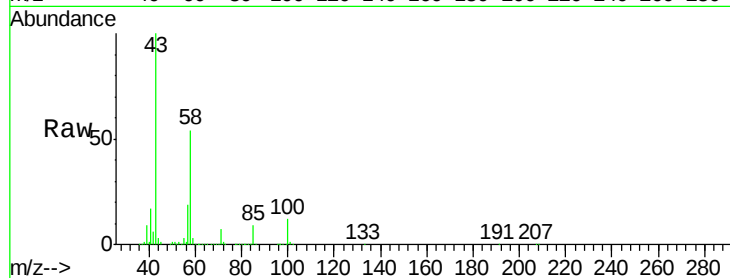
#59
2-Hexanone
Concen: 98.305 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.4	27.9	83.6

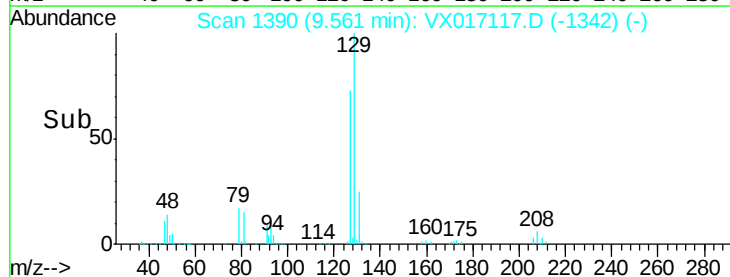
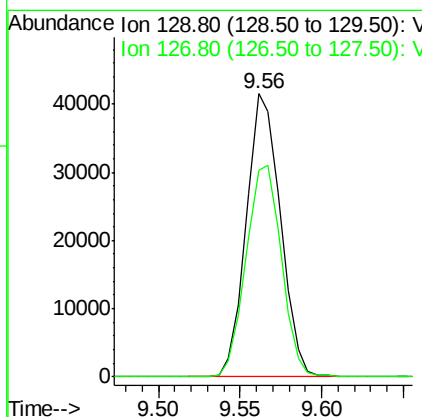
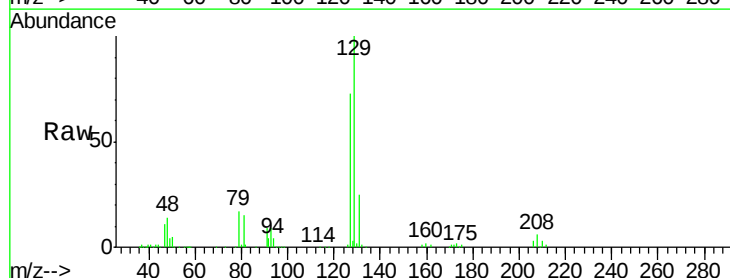
Manual Integrations
APPROVED

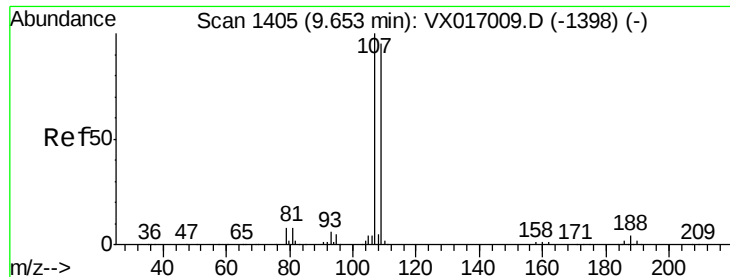
MMDadoda
7/2/2020 9:15:38 AM



#60
Dibromochloromethane
Concen: 18.951 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.9	116.7





#61

1,2-Dibromoethane

Concen: 18.708 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

Tot Ion: 107 Resp: 55624

Ion Ratio Lower Upper

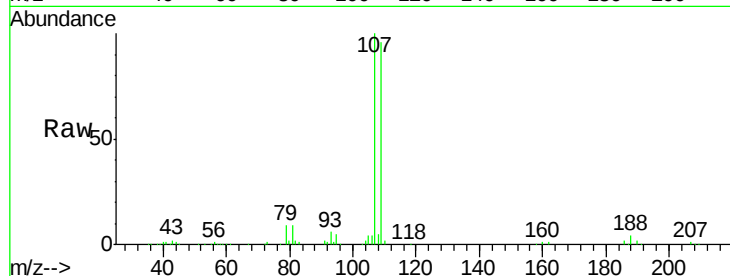
107 100

109 95.2 75.8 113.8

Manual Integrations
APPROVED

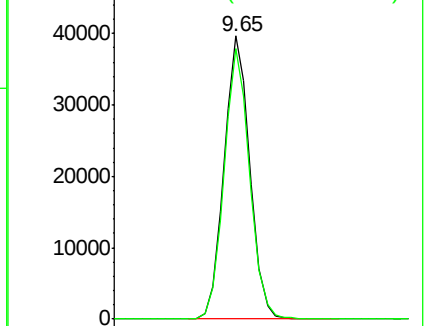
MMDadoda

7/2/2020 9:15:38 AM

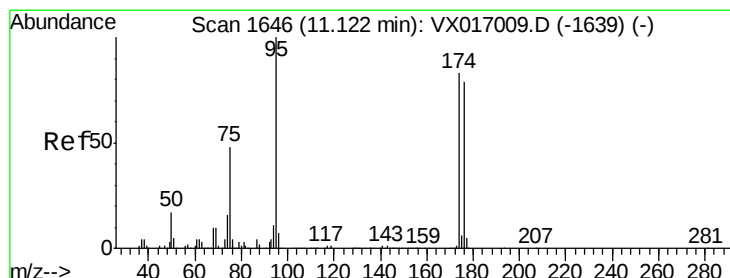
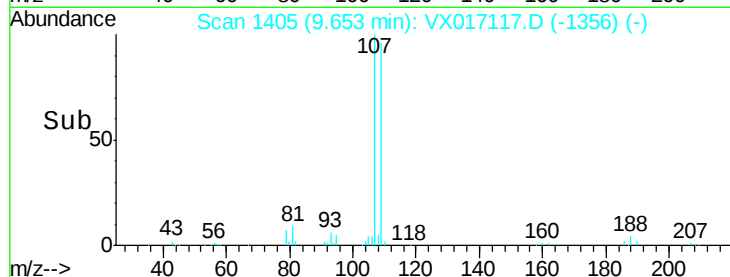


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 48.333 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

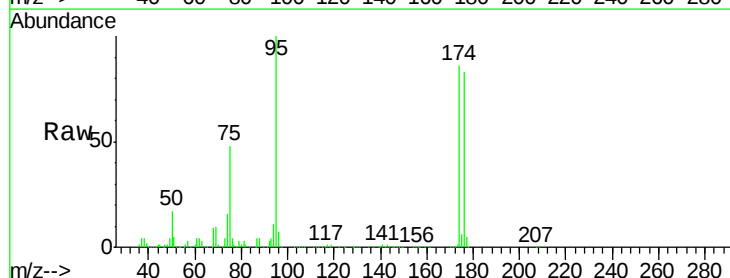
Tgt Ion: 95 Resp: 172575

Ion Ratio Lower Upper

95 100

174 84.0 0.0 164.0

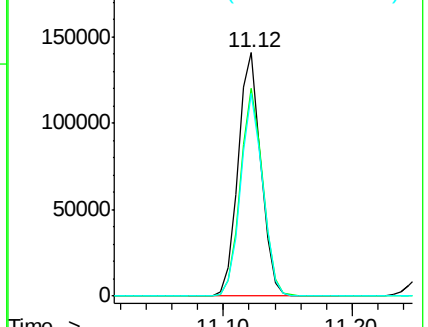
176 81.1 0.0 157.6



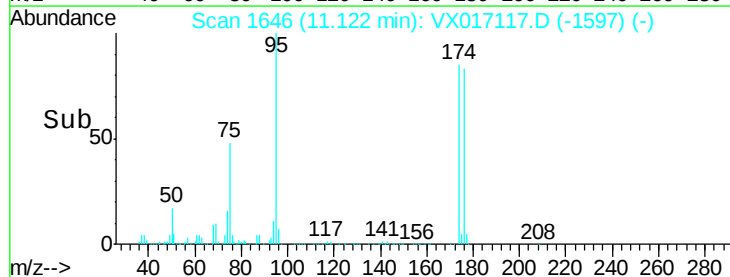
Abundance Ion 94.90 (94.60 to 95.60): VX0

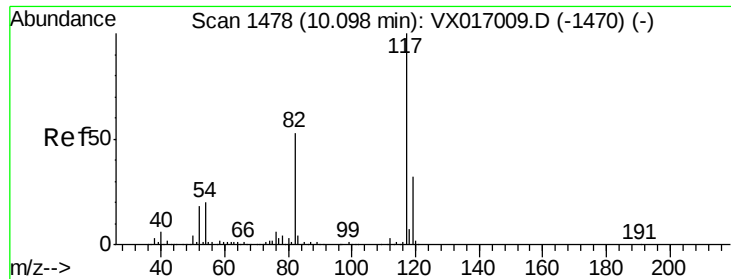
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





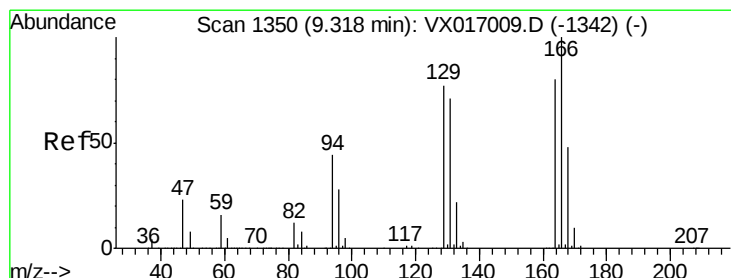
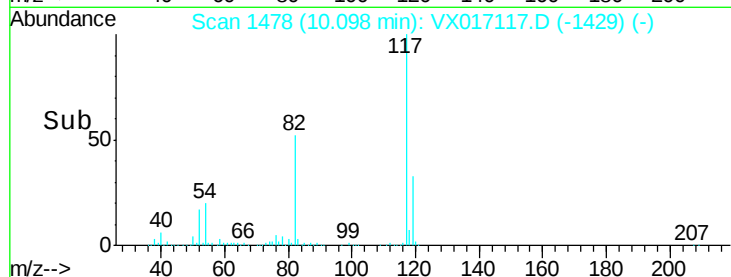
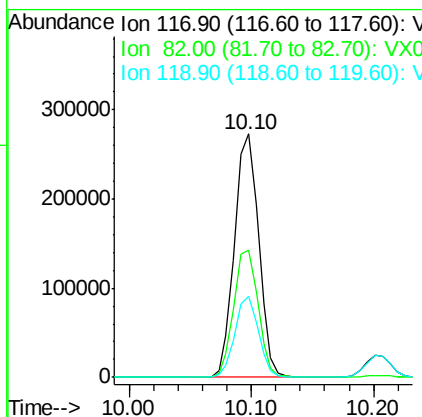
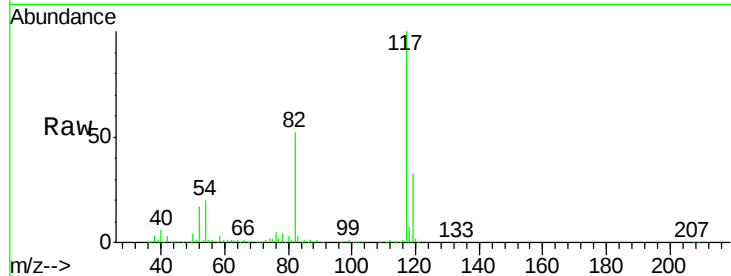
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.6	63.8
119	33.0	25.4	38.2

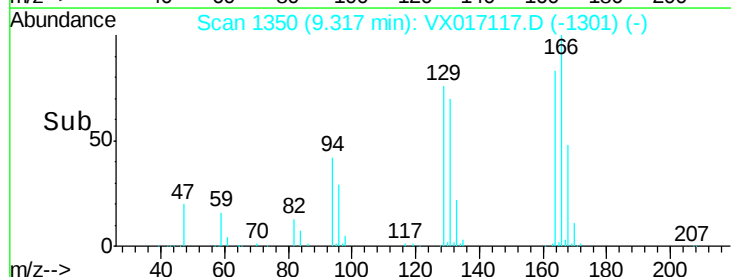
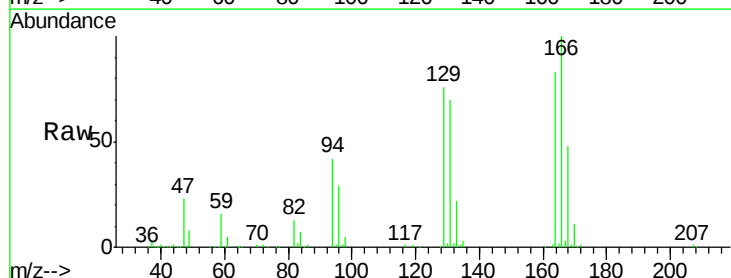
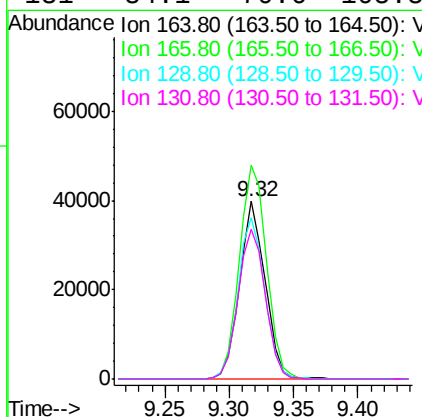
Manual Integrations
APPROVED

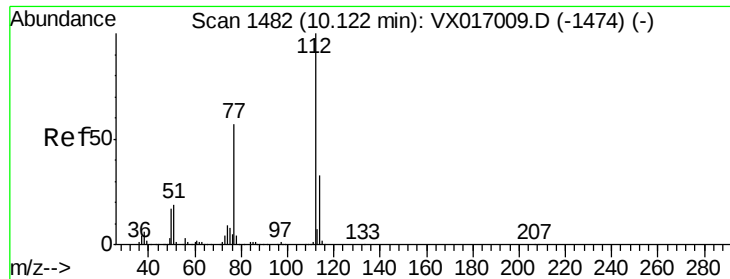
MMDadoda
7/2/2020 9:15:38 AM



#64
Tetrachloroethene
Concen: 18.163 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.3	99.4	149.0
129	91.2	76.3	114.5
131	84.1	70.6	105.8





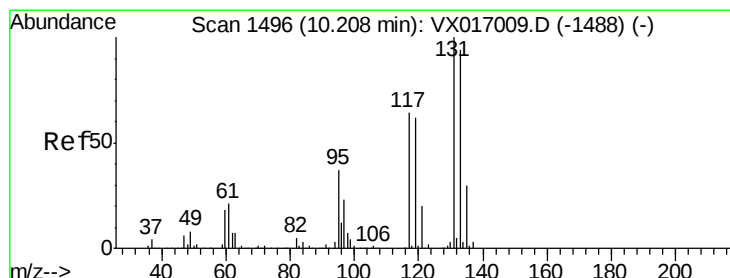
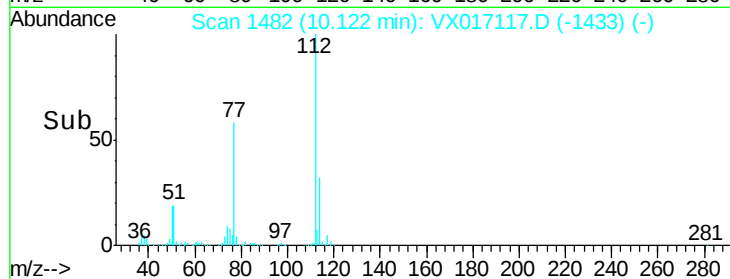
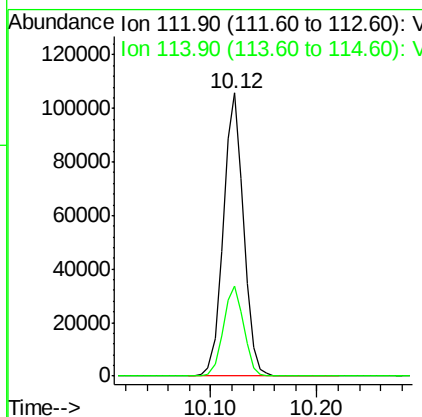
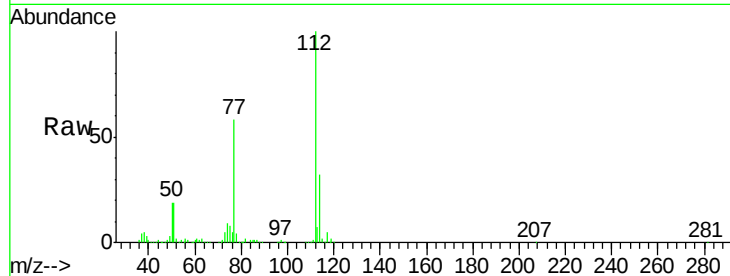
#65
Chlorobenzene
Concen: 18.244 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

Tot Ion:112 Resp: 140164
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.4

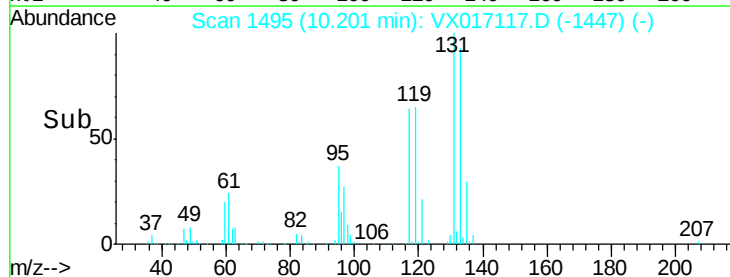
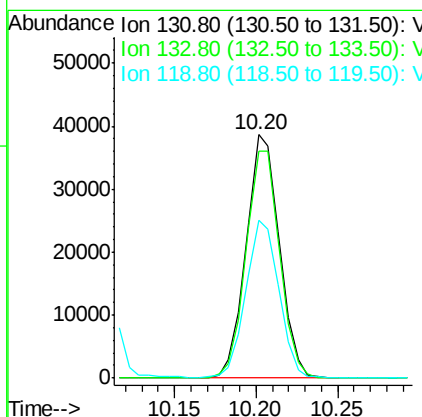
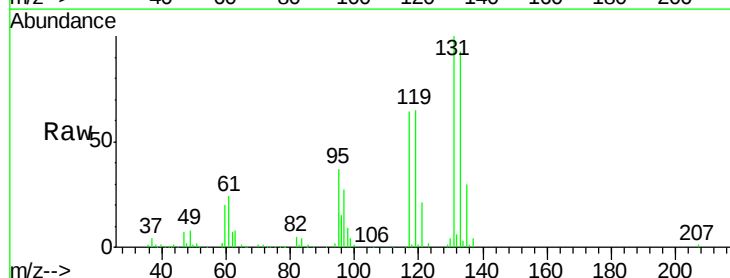
Manual Integrations
APPROVED

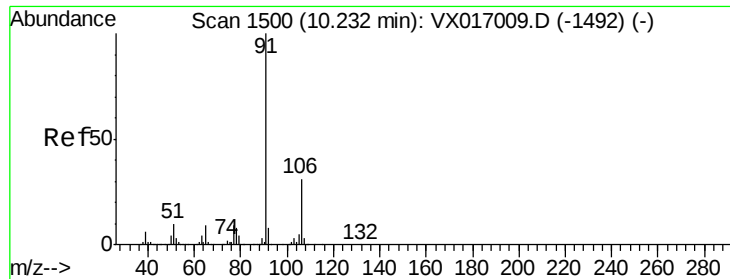
MMDadoda
7/2/2020 9:15:38 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.575 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion:131 Resp: 54998
Ion Ratio Lower Upper
131 100
133 94.7 47.3 141.9
119 64.5 31.9 95.5





#67

Ethyl Benzene

Concen: 18.517 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

Tot Ion: 91 Resp: 237580

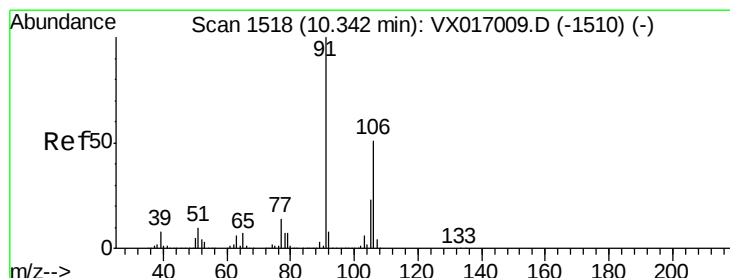
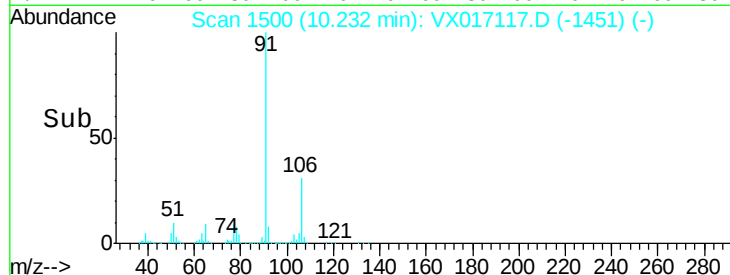
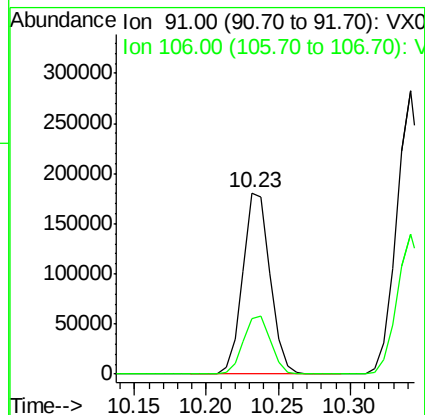
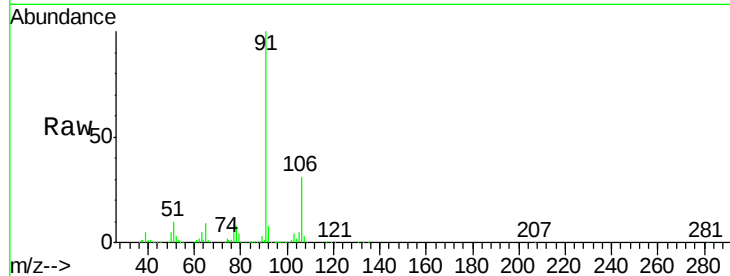
Ion Ratio Lower Upper

91 100

106 30.7 24.7 37.1

Manual Integrations
APPROVED

MMDadoda
7/2/2020 9:15:38 AM



#68

m/p-Xylenes

Concen: 37.226 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017117.D

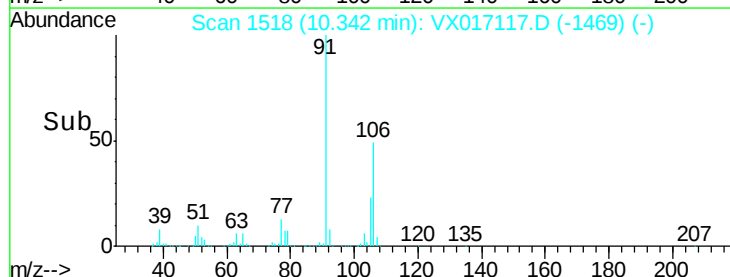
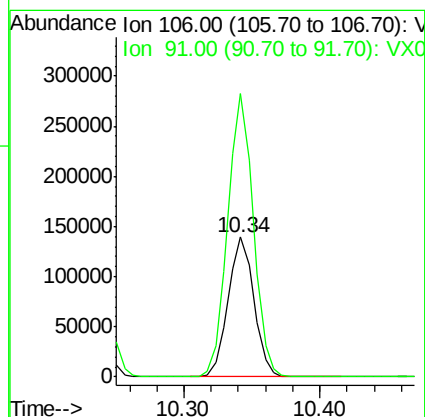
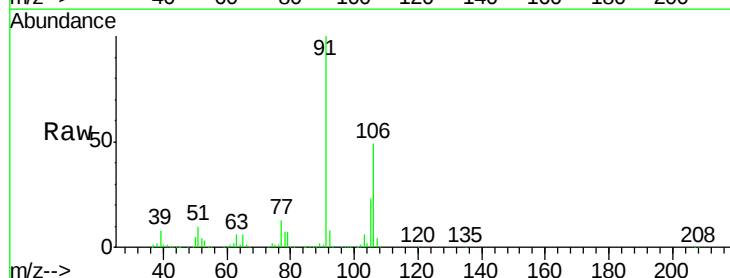
Acq: 01 Jul 2020 23:13

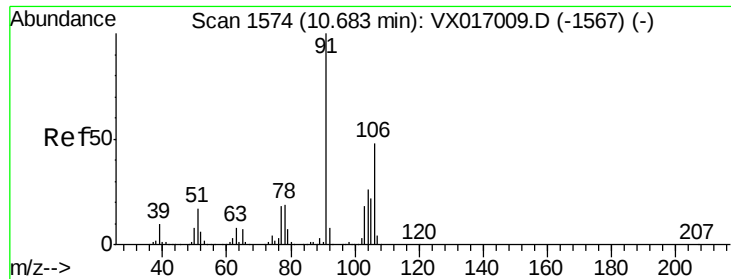
Tgt Ion: 106 Resp: 183395

Ion Ratio Lower Upper

106 100

91 201.2 158.6 238.0





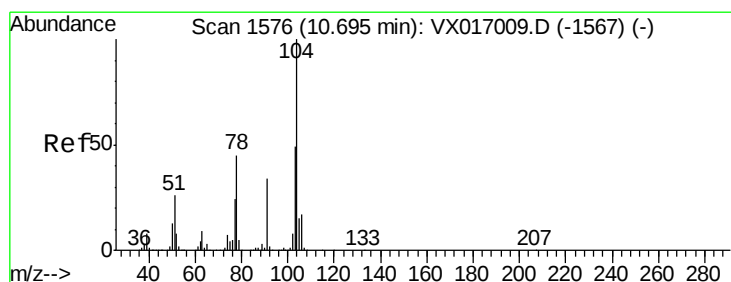
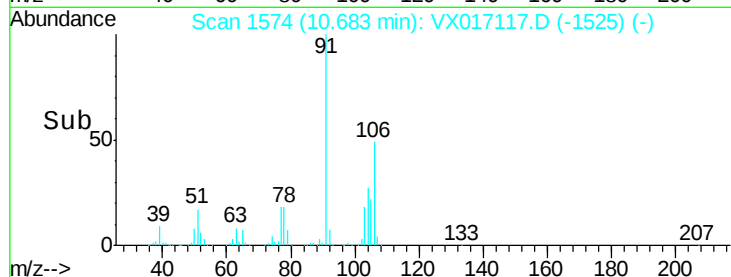
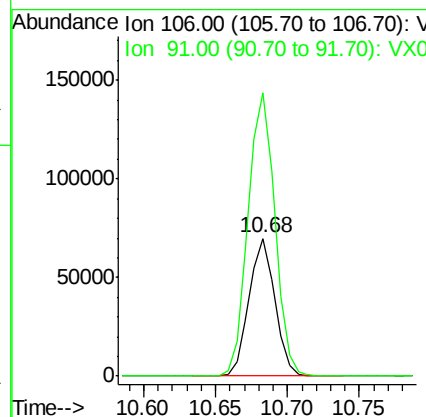
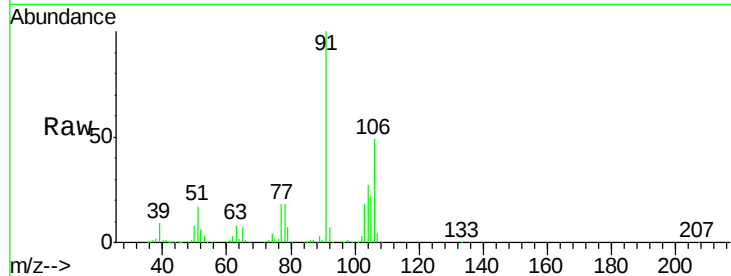
#69
o-Xylene
Concen: 18.527 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

Tot Ion:106 Resp: 86829
Ion Ratio Lower Upper
106 100
91 213.3 105.6 316.7

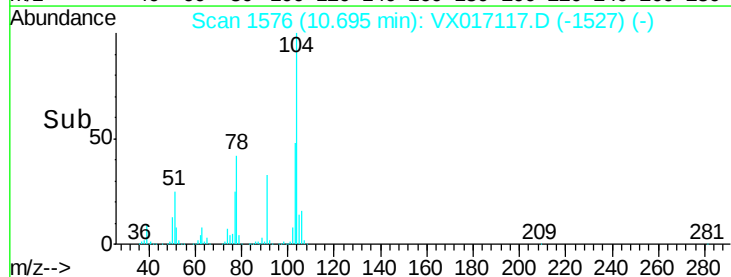
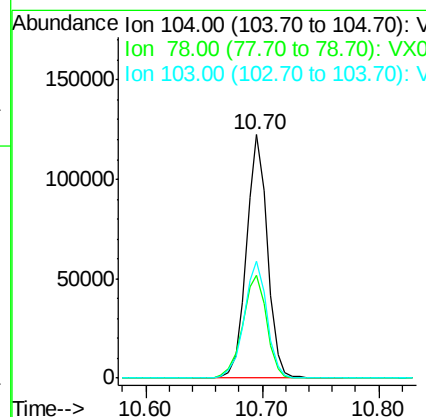
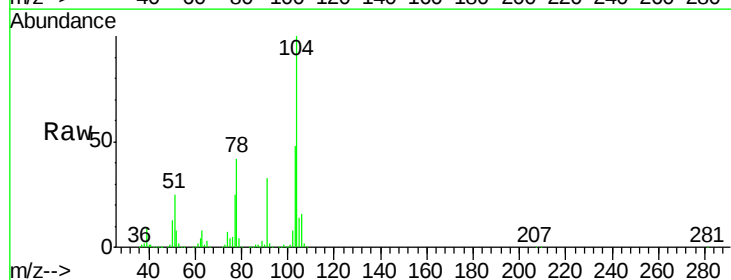
Manual Integrations
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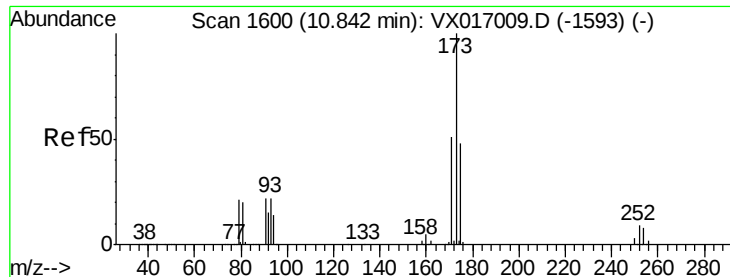
MMDadoda
7/2/2020 9:15:38 AM



#70
Styrene
Concen: 19.247 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion:104 Resp: 153606
Ion Ratio Lower Upper
104 100
78 48.7 39.5 59.3
103 52.6 43.0 64.6





#71

Bromoform

Concen: 19.829 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

Tot Ion:173 Resp: 46557

Ion Ratio Lower Upper

173 100

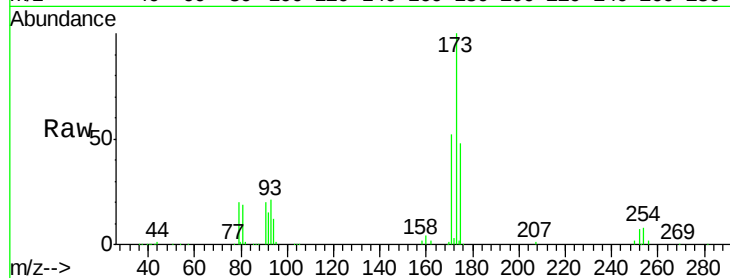
175 48.5 24.5 73.5

254 0.0 0.1 0.1#

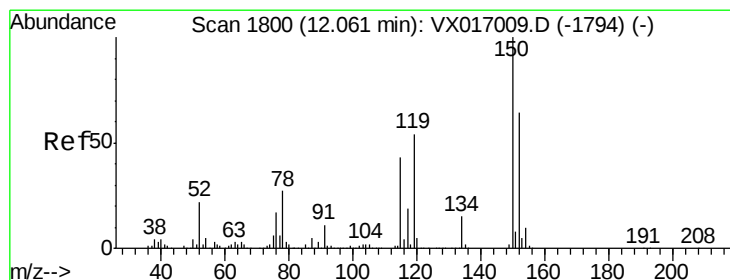
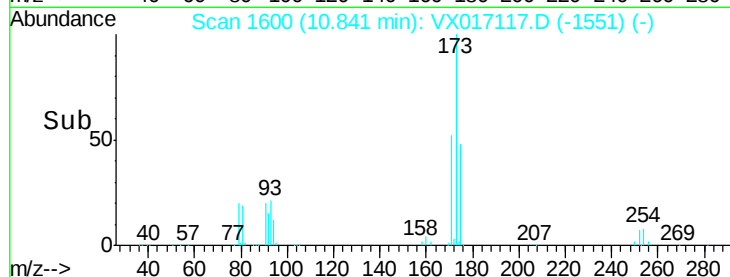
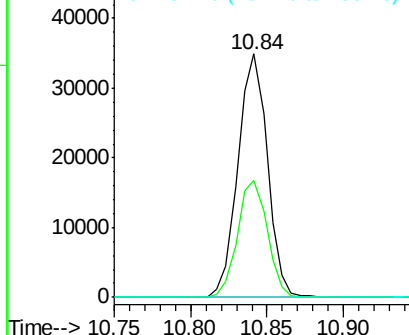
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

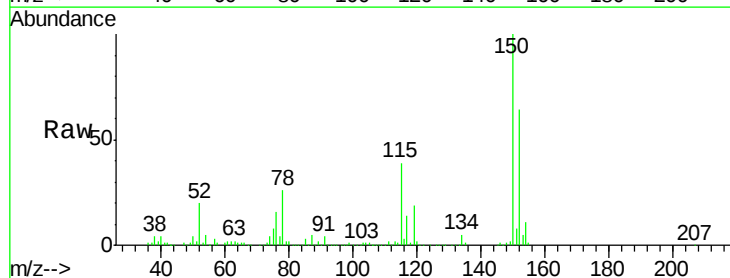
Tgt Ion:152 Resp: 191982

Ion Ratio Lower Upper

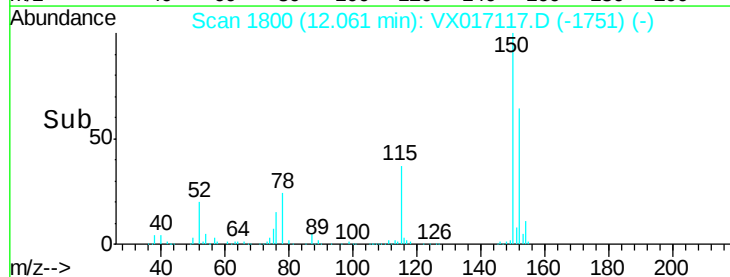
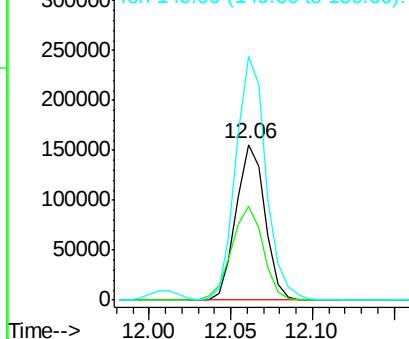
152 100

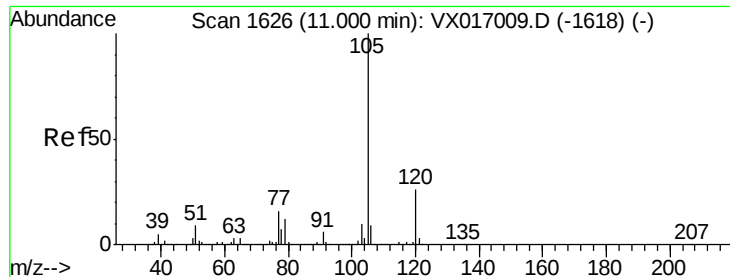
115 65.7 40.9 122.7

150 163.7 0.0 351.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.997 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

Tot Ion: 105 Resp: 238891

Ion Ratio Lower Upper

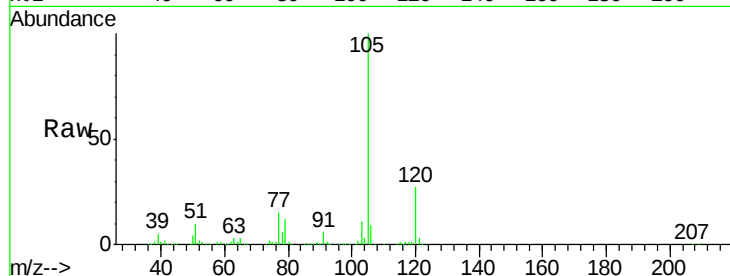
105 100

120 27.3 13.4 40.2

Manual Integrations
APPROVED

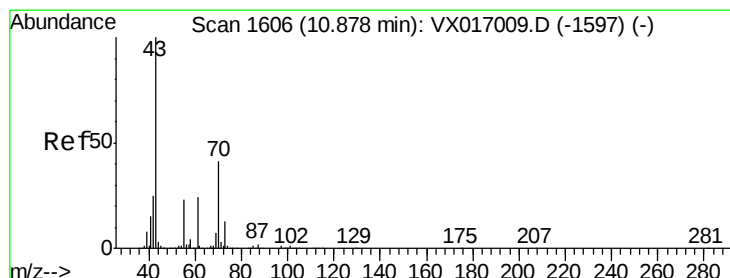
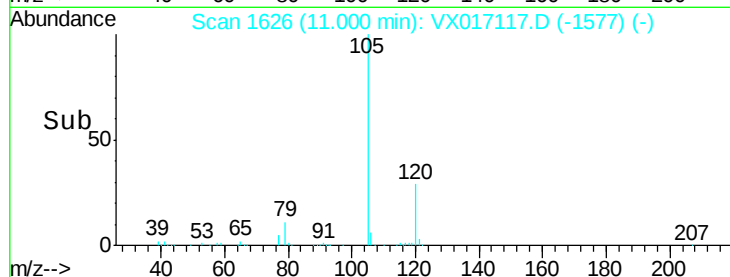
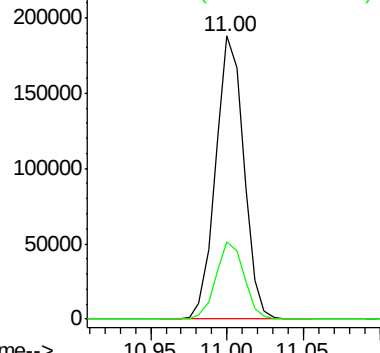
MMDadoda

7/2/2020 9:15:38 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.142 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Tgt Ion: 43 Resp: 97342

Ion Ratio Lower Upper

43 100

70 42.6 34.2 51.2

55 24.6 19.2 28.8

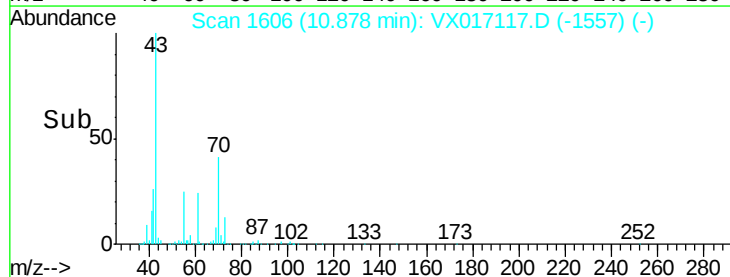
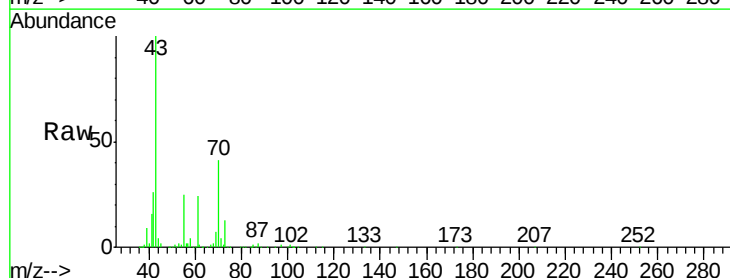
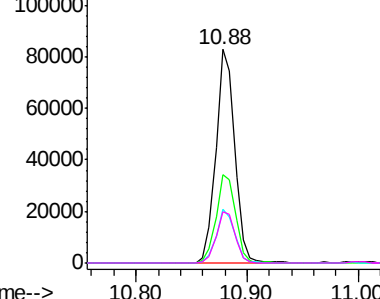
61 24.2 19.6 29.4

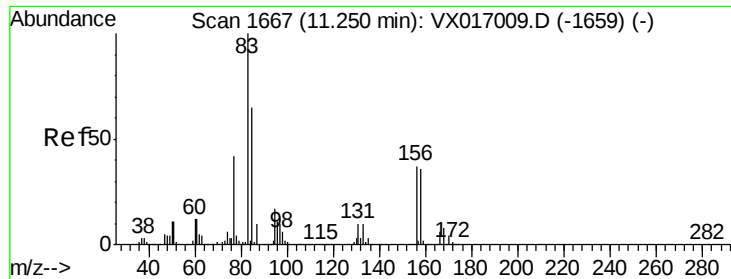
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.903 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

Tot Ion: 83 Resp: 74772

Ion Ratio Lower Upper

83 100

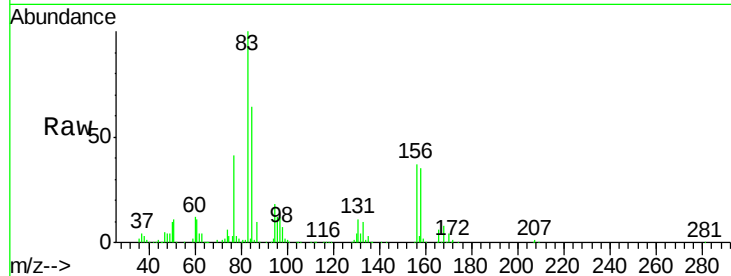
131 11.3 5.4 16.2

85 63.6 31.9 95.9

Manual Integrations
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MMDadoda

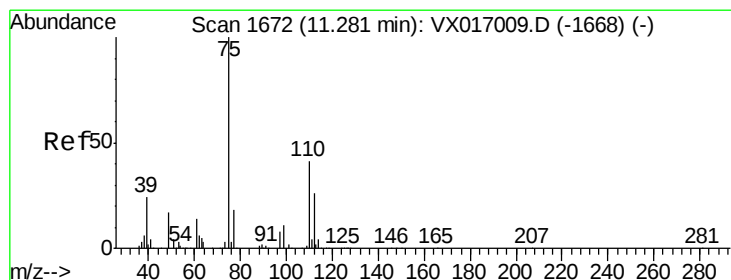
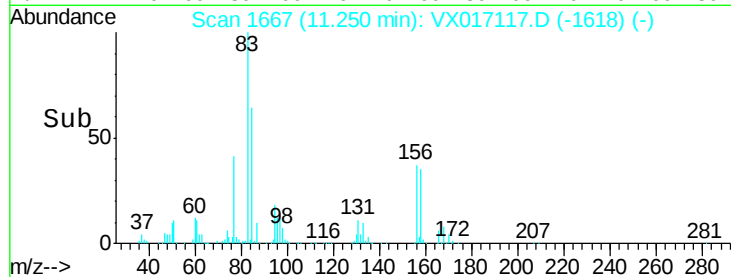
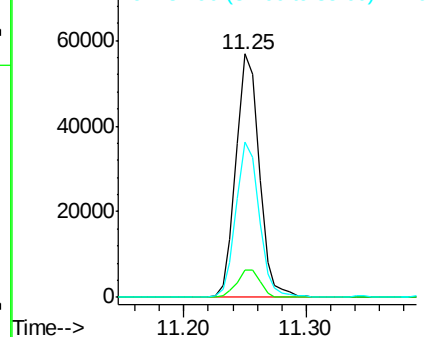
7/2/2020 9:15:38 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.115 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017117.D

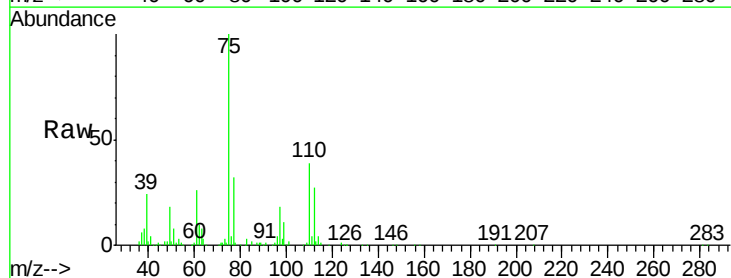
Acq: 01 Jul 2020 23:13

Tgt Ion: 75 Resp: 72162

Ion Ratio Lower Upper

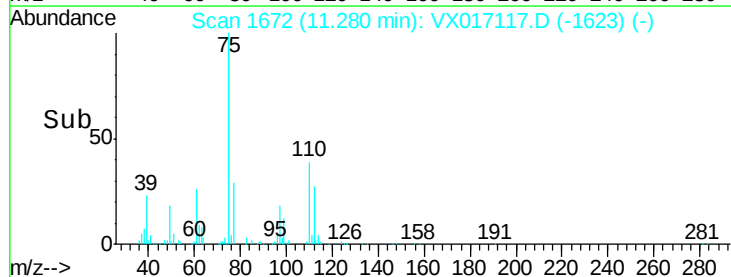
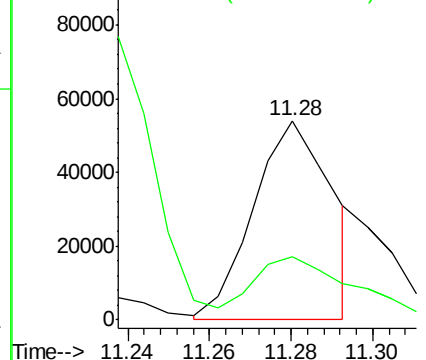
75 100

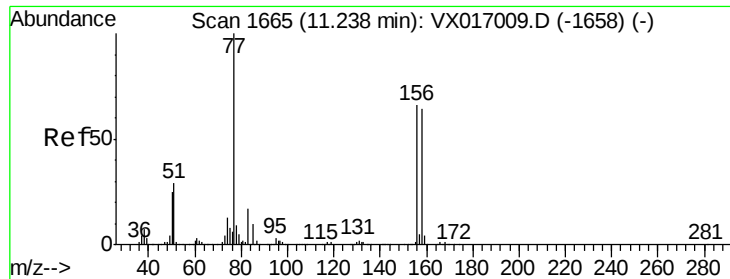
77 40.4 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





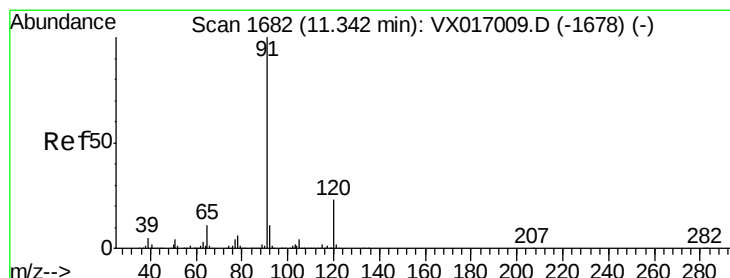
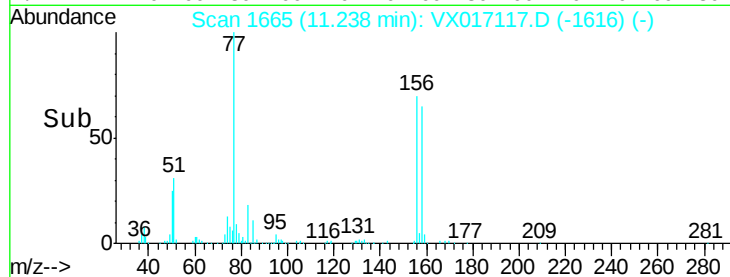
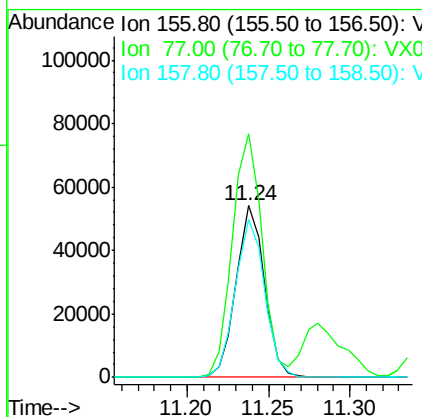
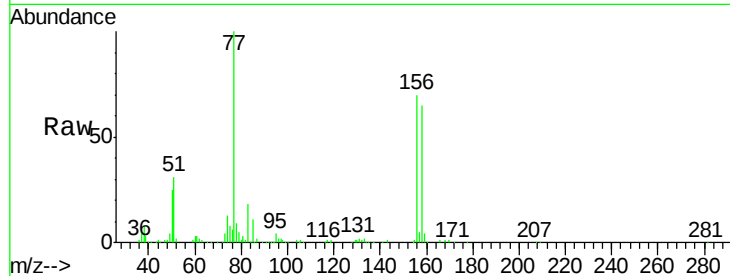
#77
Bromobenzene
Concen: 18.917 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Instrument :
MSVOA_X
ClientSampled :
VX0701WBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.0	76.9	230.7
158	95.7	47.9	143.6

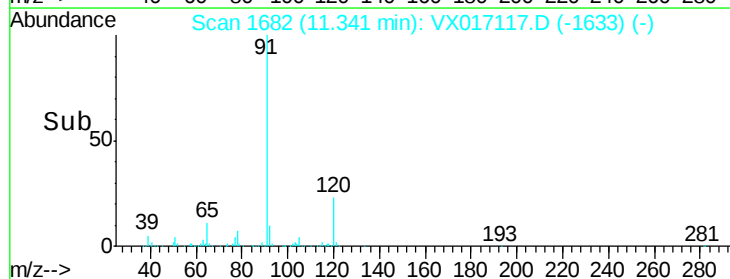
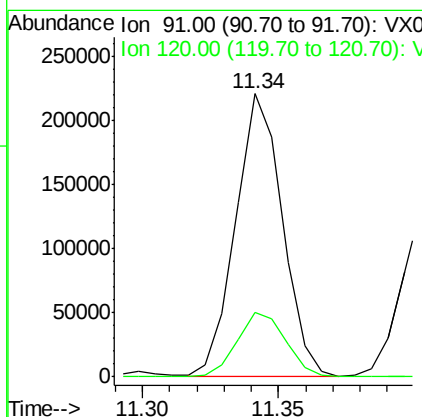
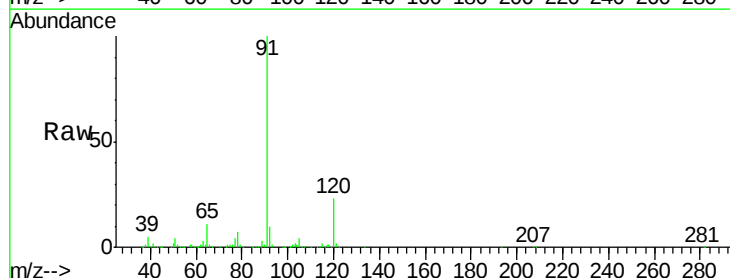
Manual Integrations
APPROVED

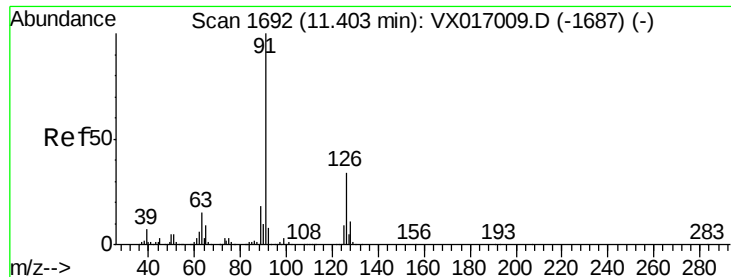
MMDadoda
7/2/2020 9:15:38 AM



#78
n-propylbenzene
Concen: 18.389 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.9	35.9





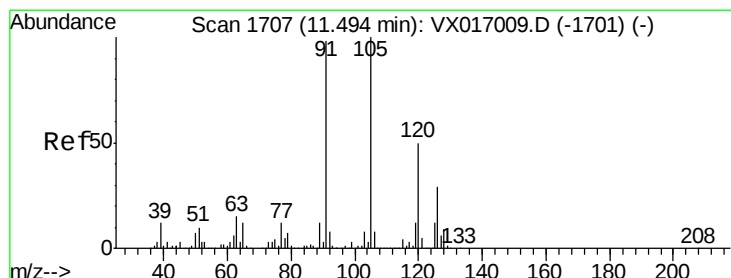
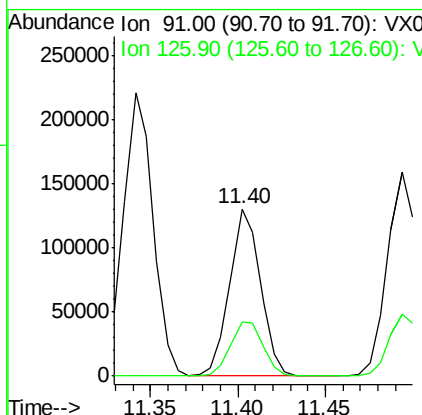
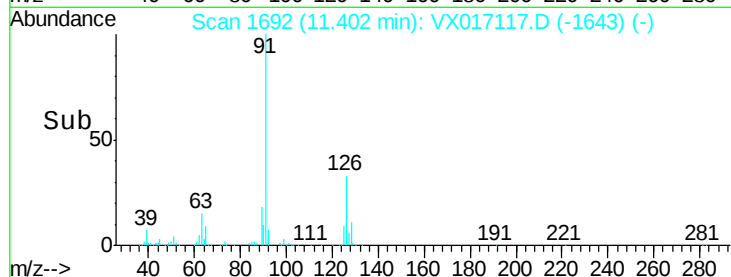
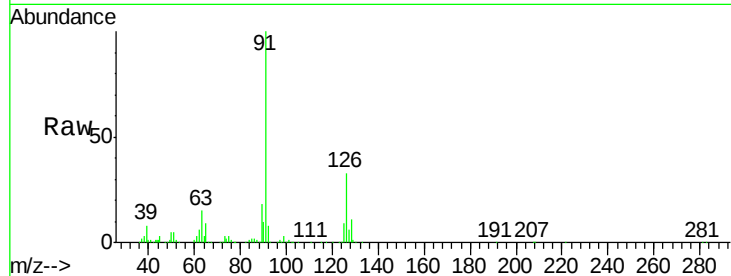
#79
2-Chlorotoluene
Concen: 18.544 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.4	52.3

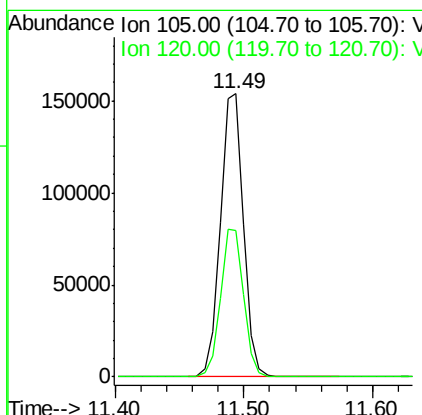
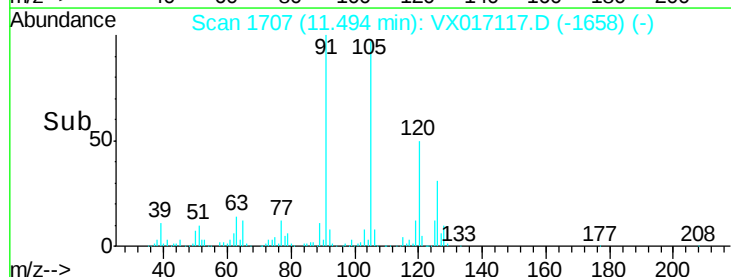
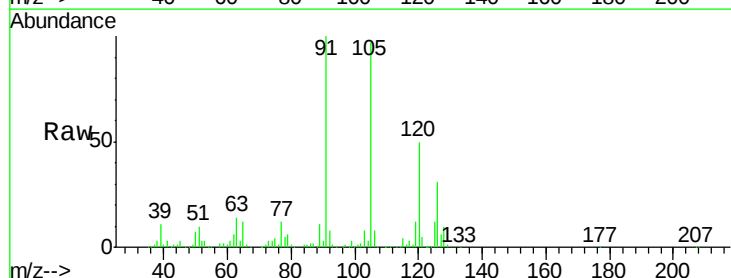
Manual Integrations
APPROVED

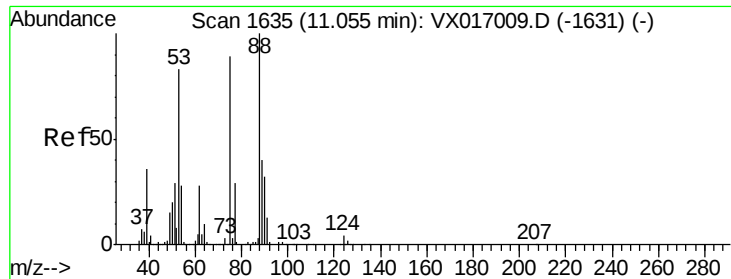
MMDadoda
7/2/2020 9:15:38 AM



#80
1,3,5-Trimethylbenzene
Concen: 18.565 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	52.2	24.9	74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.755 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

Tot Ion: 75 Resp: 24426

Ion Ratio Lower Upper

75 100

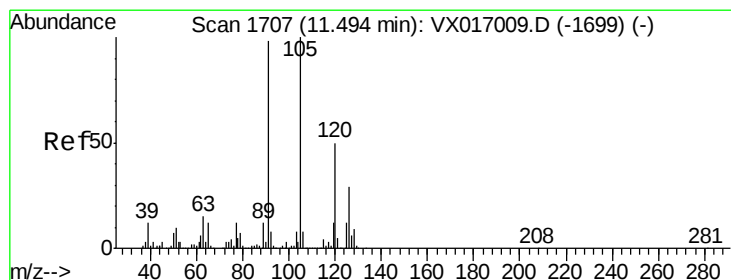
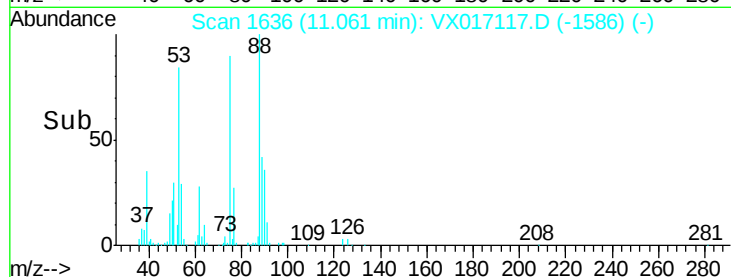
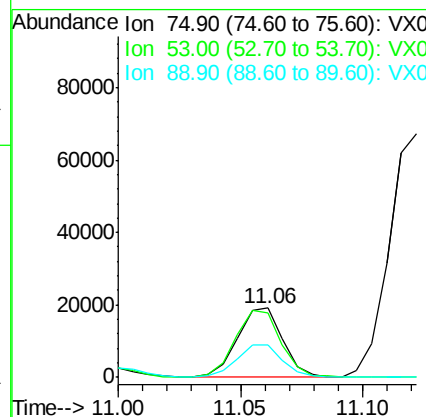
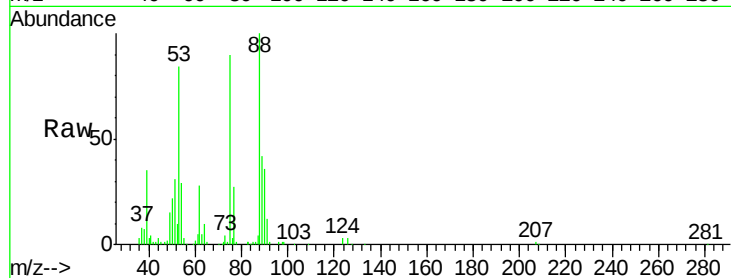
53 98.6 72.4 108.6

89 48.4 37.0 55.4

Manual Integrations
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MMDadoda

7/2/2020 9:15:38 AM



#82

4-Chlorotoluene

Concen: 18.712 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017117.D

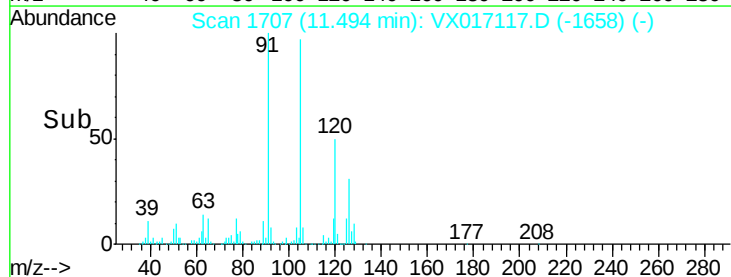
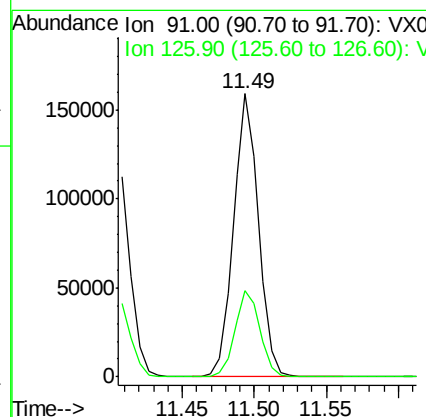
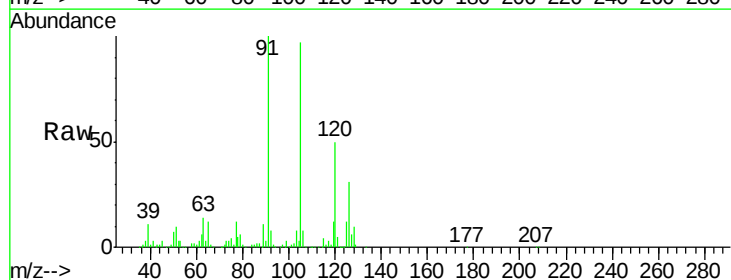
Acq: 01 Jul 2020 23:13

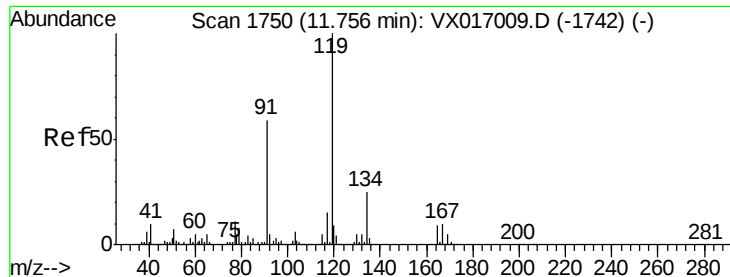
Tgt Ion: 91 Resp: 192518

Ion Ratio Lower Upper

91 100

126 30.7 15.2 45.5





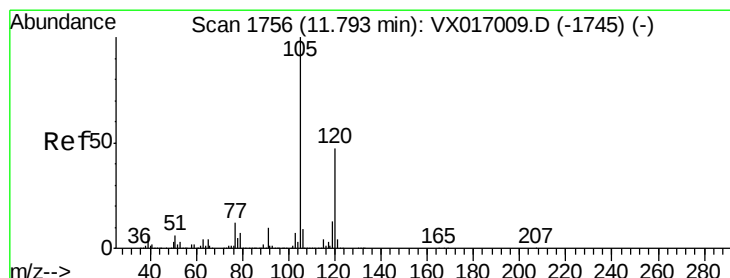
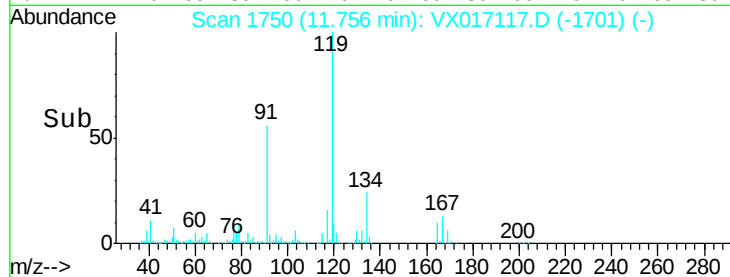
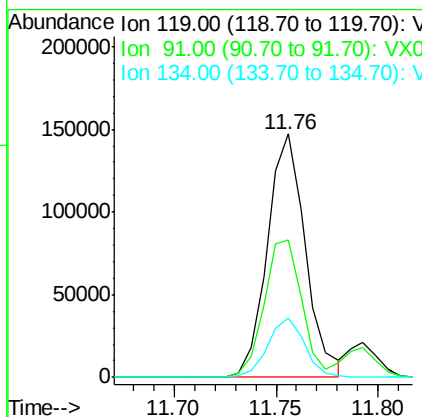
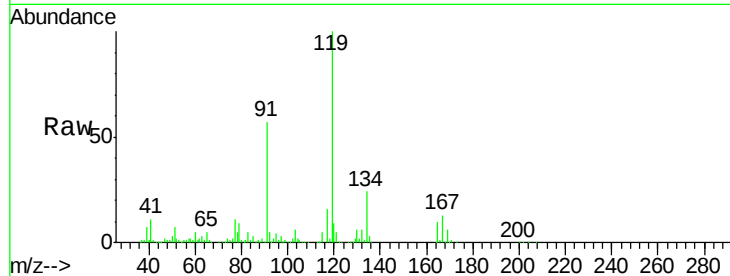
#83
 tert-Butylbenzene
 Concen: 18.641 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	190872		
91	55.8	28.3	84.9	
134	23.5	11.7	35.1	

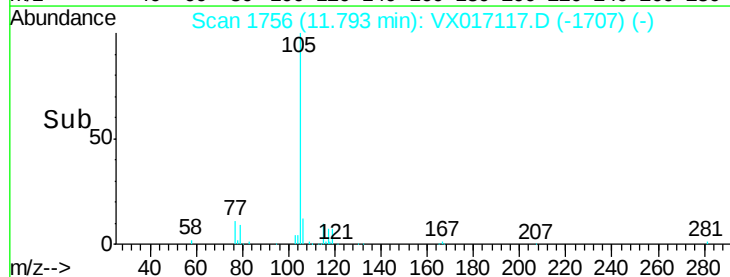
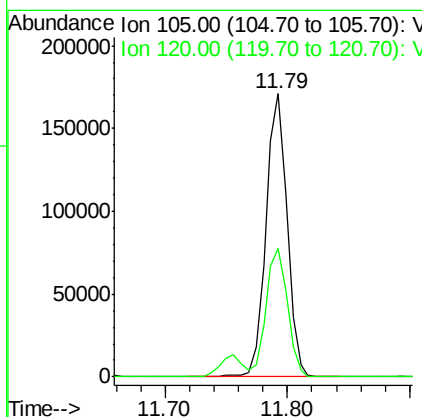
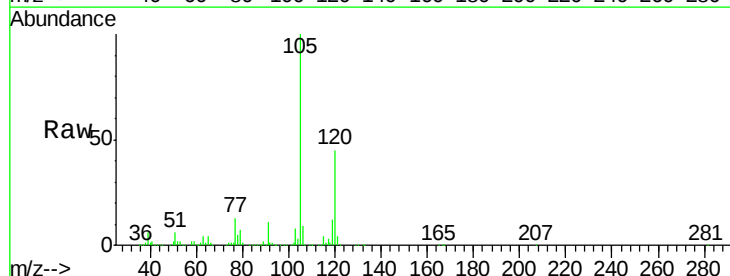
Manual Integrations
 APPROVED

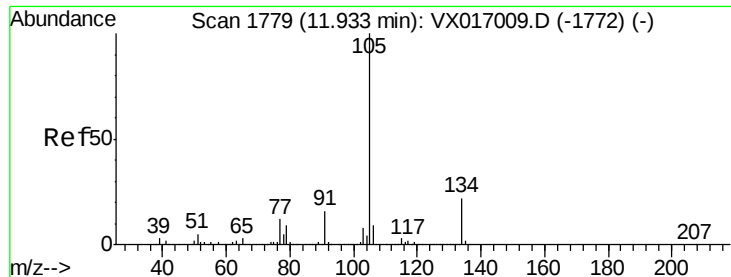
MMDadoda
 7/2/2020 9:15:38 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.429 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	205598		
120	46.1	22.9	68.5	





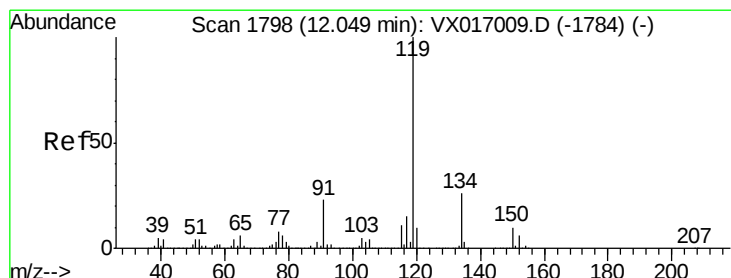
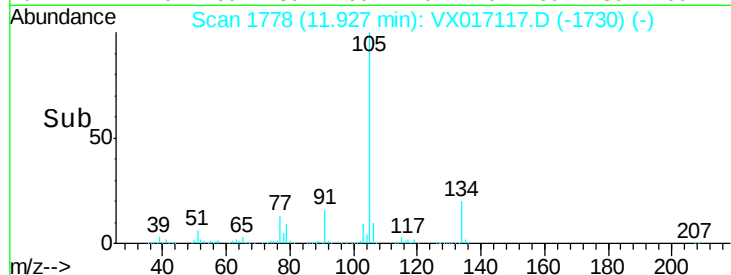
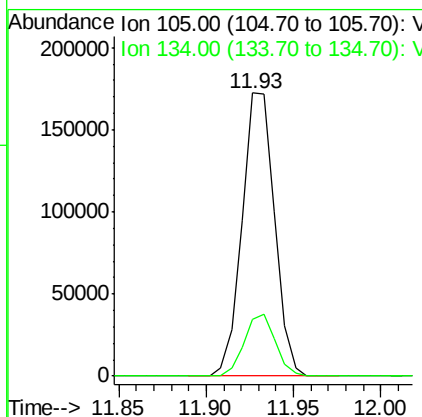
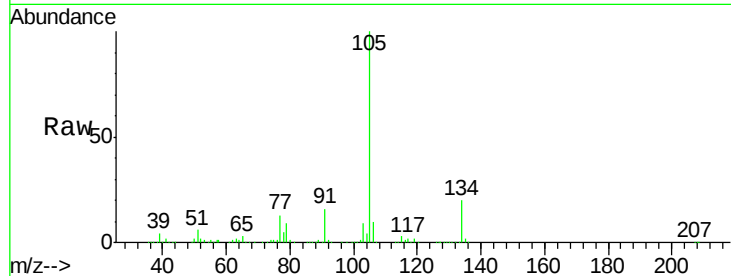
#85
 sec-Butylbenzene
 Concen: 18.473 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.5	31.6

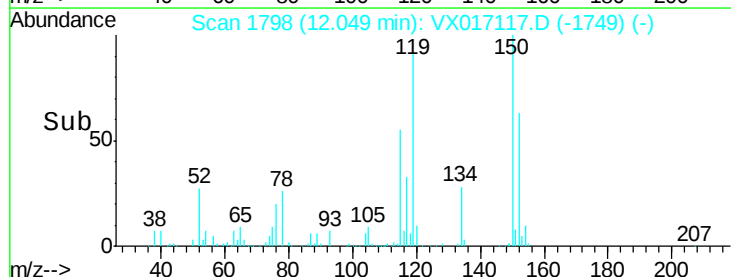
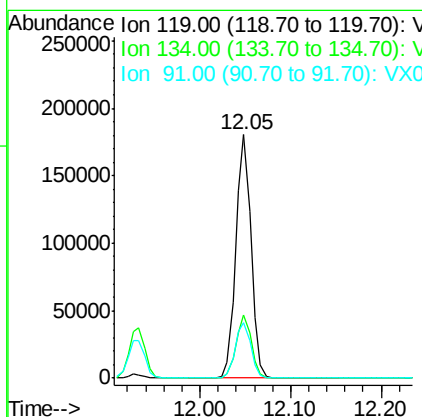
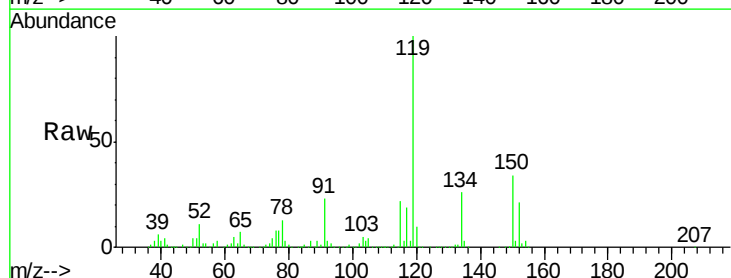
Manual Integrations
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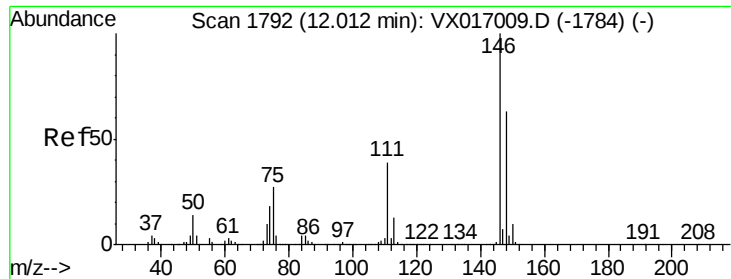
MMDadoda
 7/2/2020 9:15:38 AM



#86
 p-Isopropyltoluene
 Concen: 18.666 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.2	39.5
91	23.4	11.8	35.4





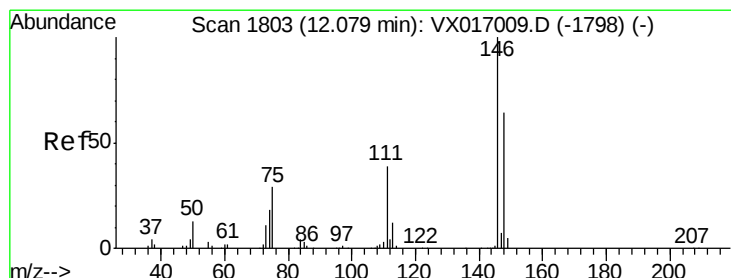
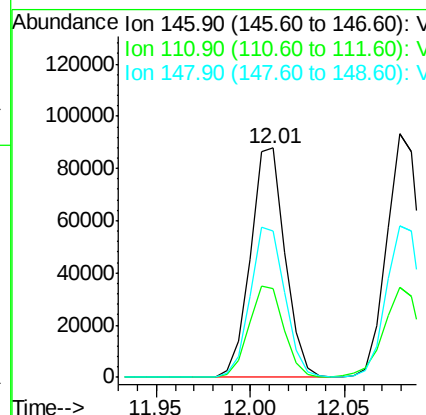
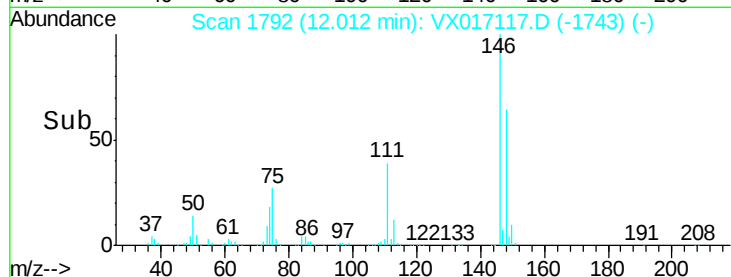
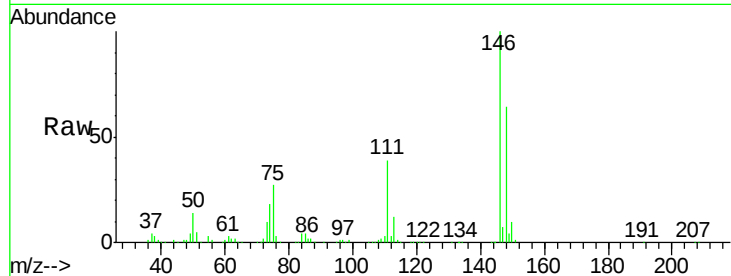
#87
 1,3-Dichlorobenzene
 Concen: 17.786 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.4	61.2
148	65.6	32.5	97.5

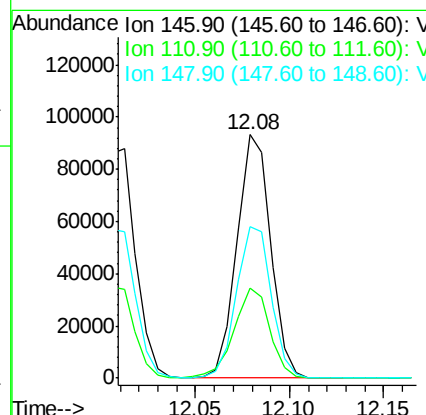
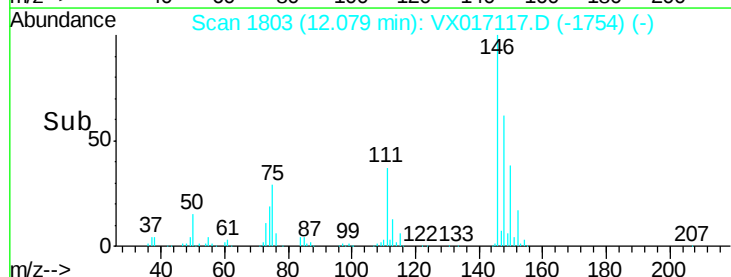
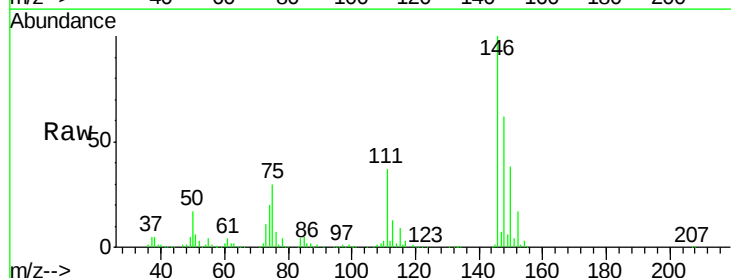
Manual Integrations
 APPROVED

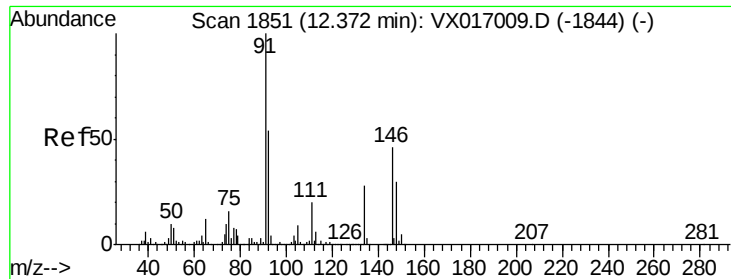
MMDadoda
 7/2/2020 9:15:38 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.471 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.5	58.5
148	64.2	31.9	95.7





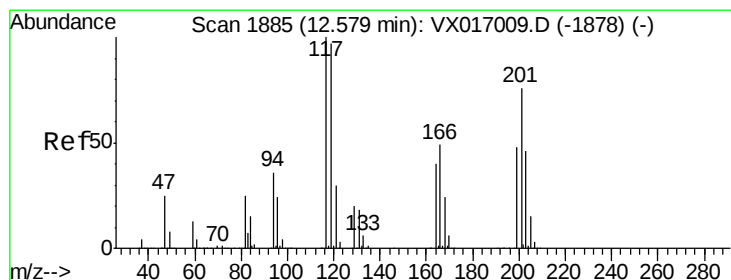
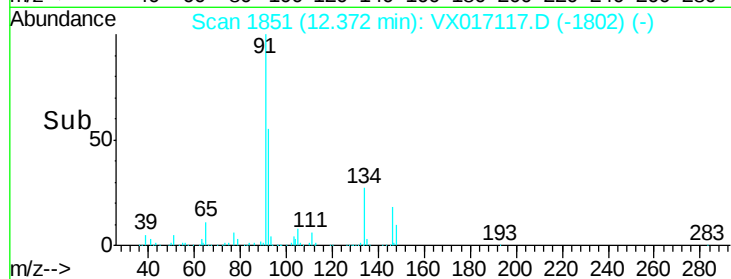
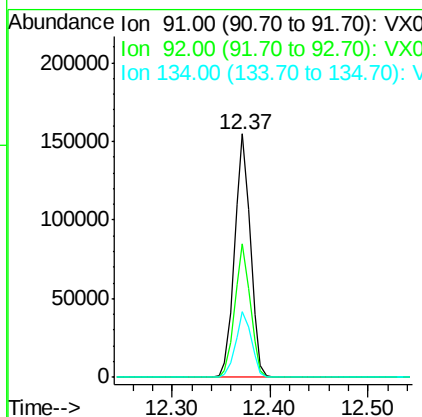
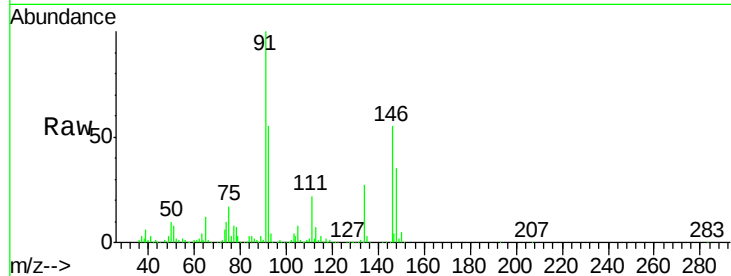
#89
n-Butylbenzene
Concen: 17.312 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.2	81.6
134	27.0	13.6	40.7

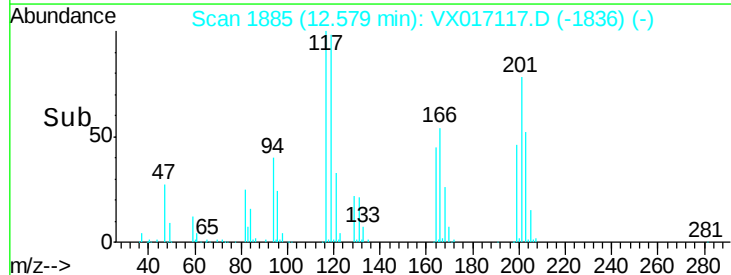
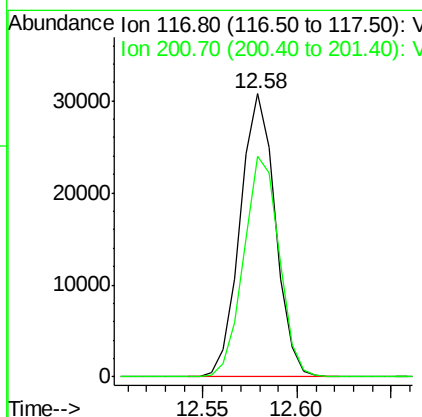
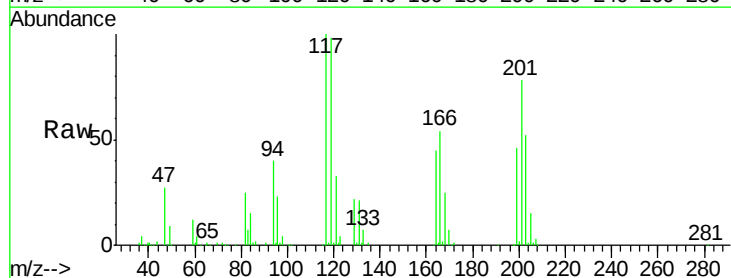
Manual Integrations
APPROVED

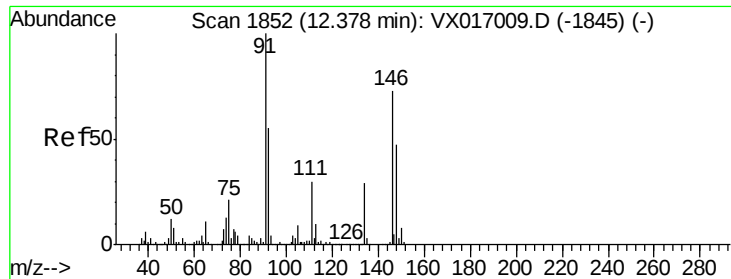
MMDadoda
7/2/2020 9:15:38 AM



#90
Hexachloroethane
Concen: 17.992 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.7	39.4	118.2





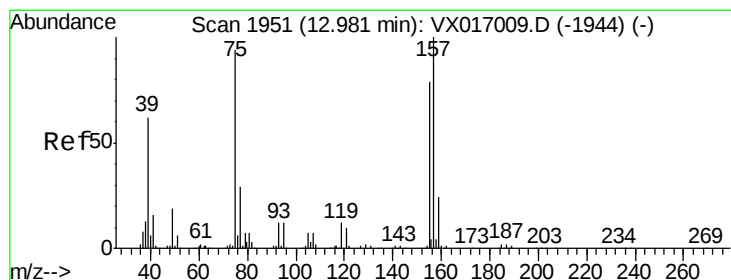
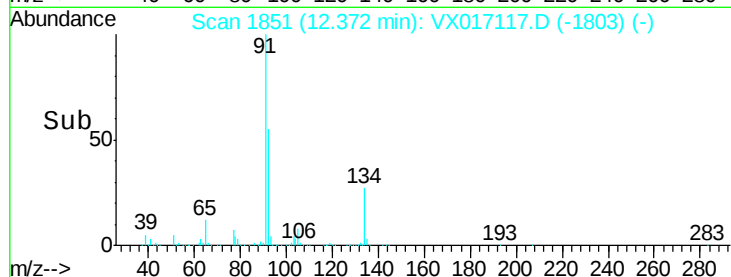
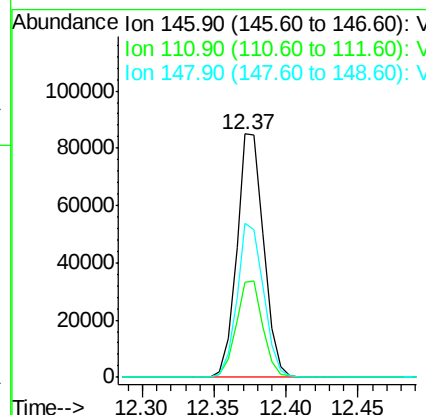
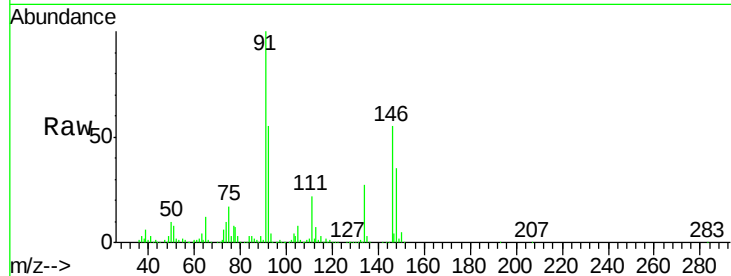
#91
 1,2-Dichlorobenzene
 Concen: 18.868 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.6	61.9
148	62.7	32.4	97.2

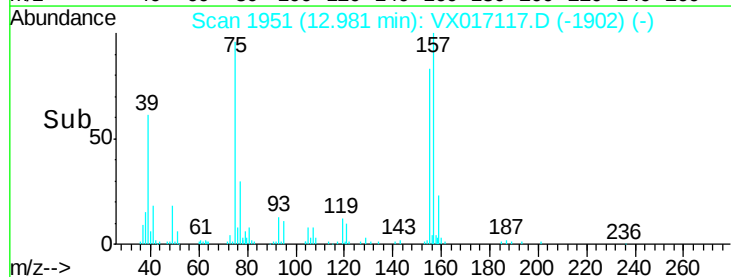
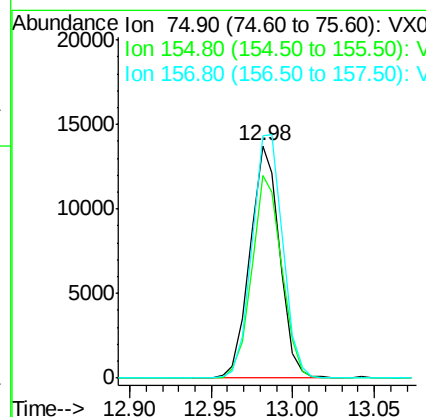
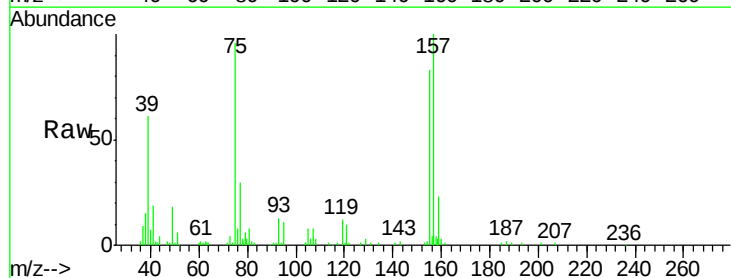
Manual Integrations
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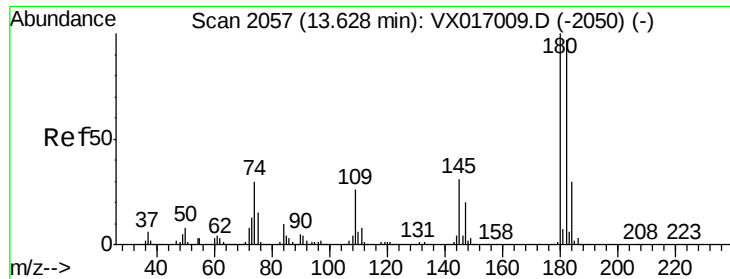
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.426 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.9	45.1	135.2
157	109.0	56.5	169.3





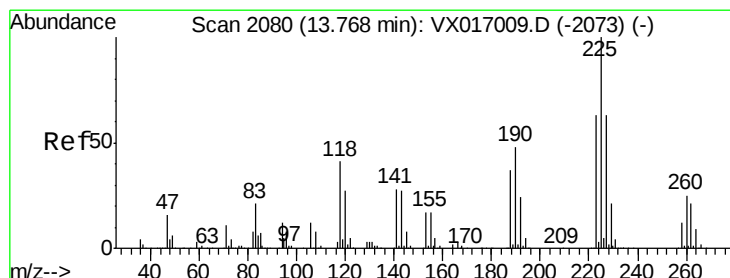
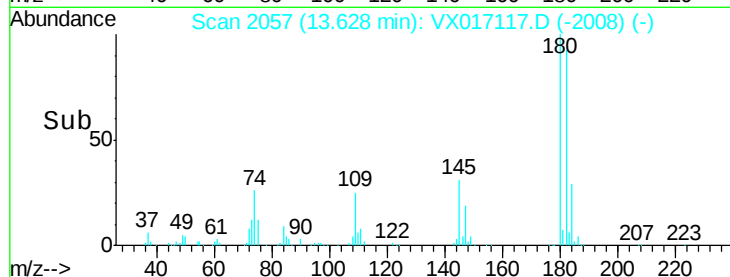
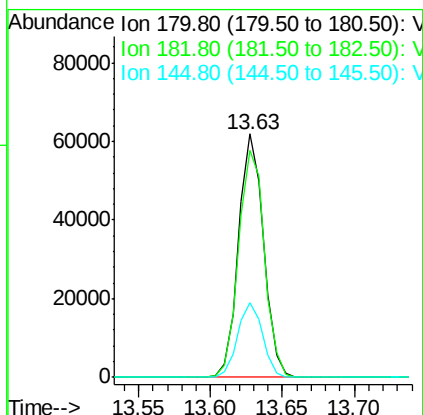
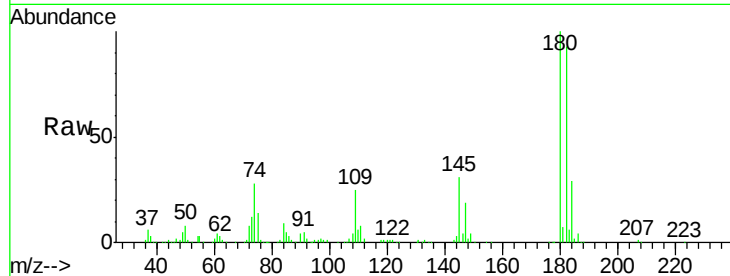
#93
 1,2,4-Trichlorobenzene
 Concen: 18.661 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.3	141.9
145	30.6	15.4	46.2

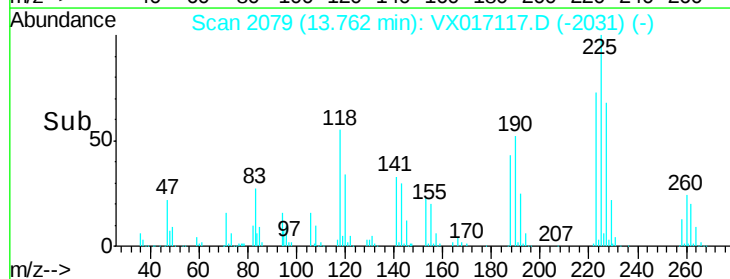
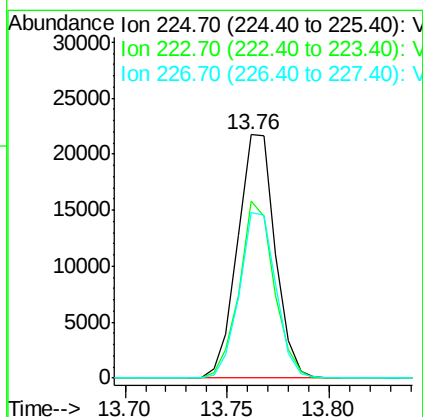
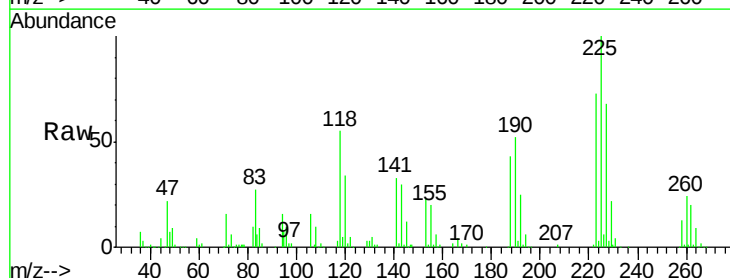
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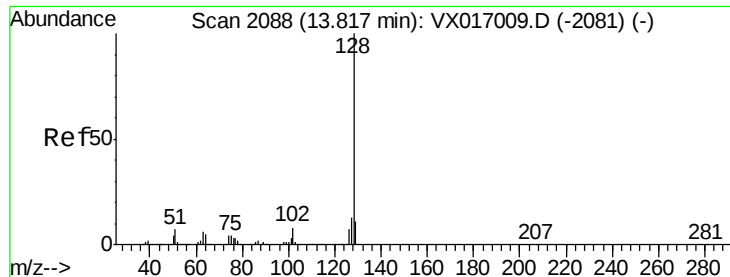
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#94
 Hexachlorobutadiene
 Concen: 18.802 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.5	32.5	97.5
227	65.7	33.1	99.2





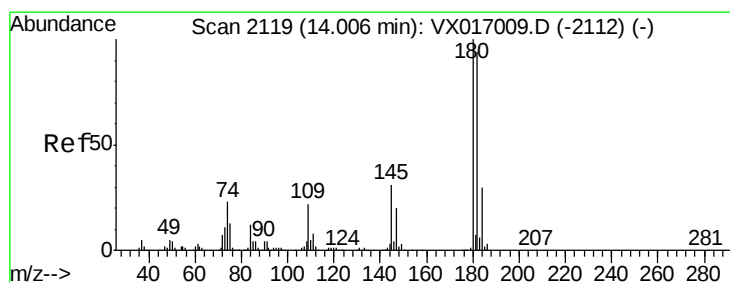
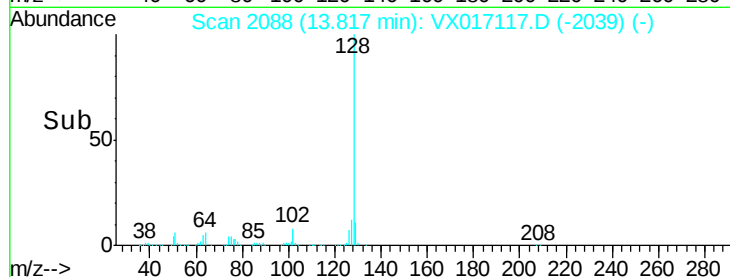
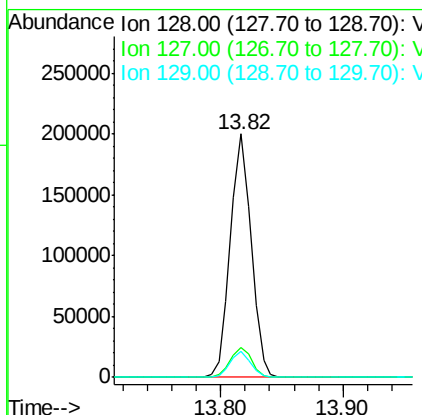
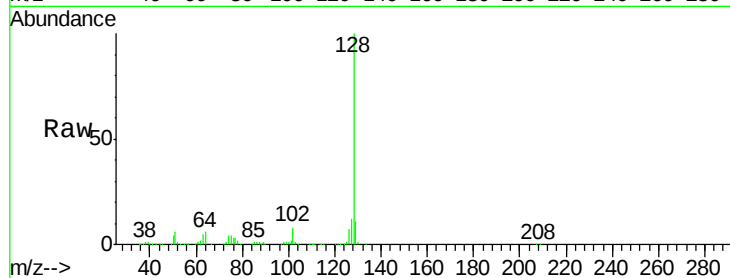
#95
Naphthalene
Concen: 19.391 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.6	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.217 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.1	141.4
145	32.2	16.6	49.7

