

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017035.D
 Acq On : 30 Jun 2020 11:29
 Operator : JC/SP
 Sample : VX0630WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:49:17 AM

Quant Time: Jul 01 08:14:31 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	5.63	168	275934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	422381	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	388557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206759	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	160335	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
35) Dibromofluoromethane	5.46	113	130124	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	8.70	98	481678	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
62) 4-Bromofluorobenzene	11.12	95	183640	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.18	85	51156	19.163	ug/l	95
3) Chloromethane	1.32	50	56889	17.606	ug/l	99
4) Vinyl Chloride	1.39	62	52711	17.582	ug/l	100
5) Bromomethane	1.63	94	37160	23.460	ug/l	98
6) Chloroethane	1.72	64	33092	18.689	ug/l	99
7) Trichlorofluoromethane	1.92	101	83250	18.776	ug/l	100
8) Diethyl Ether	2.17	74	29433	19.950	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46478	17.489	ug/l	97
10) Methyl Iodide	2.49	142	64145	18.706	ug/l	98
11) Tert butyl alcohol	3.01	59	57902	89.225	ug/l	97
12) 1,1-Dichloroethene	2.36	96	44904	16.448	ug/l	97
13) Acrolein	2.27	56	32972	84.995	ug/l	98
14) Allyl chloride	2.71	41	88071	17.456	ug/l	99
15) Acrylonitrile	3.11	53	141603	90.769	ug/l	99
16) Acetone	2.42	43	112666	88.536	ug/l	99
17) Carbon Disulfide	2.55	76	146453	19.238	ug/l	99
18) Methyl Acetate	2.75	43	60116	18.096	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	170235	18.580	ug/l	98
20) Methylene Chloride	2.83	84	58687	19.633	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	55914	18.456	ug/l	98
22) Diisopropyl ether	3.82	45	179378	19.210	ug/l	94
23) Vinyl Acetate	3.78	43	766758	95.557	ug/l	100
24) 1,1-Dichloroethane	3.67	63	97558	18.362	ug/l	99
25) 2-Butanone	4.63	43	191249	90.195	ug/l	98
26) 2,2-Dichloropropane	4.55	77	85102	18.039	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	60782	17.707	ug/l	99
28) Bromochloromethane	4.98	49	42587	16.471	ug/l	96
29) Tetrahydrofuran	5.09	42	126225	90.097	ug/l	99
30) Chloroform	5.17	83	101366	18.611	ug/l	97
31) Cyclohexane	5.54	56	86169	18.763	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	92190	18.379	ug/l	100
36) 1,1-Dichloropropene	5.77	75	73682	18.457	ug/l	99
37) Ethyl Acetate	4.79	43	75642	18.675	ug/l	100
38) Carbon Tetrachloride	5.75	117	85724	19.496	ug/l	99

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MMDadoda
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 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	83152	18.721	ug/l	97
40) Benzene	6.11	78	221259	18.864	ug/l	99
41) Methacrylonitrile	5.00	41	42702	18.732	ug/l	99
42) 1,2-Dichloroethane	6.16	62	81257	19.179	ug/l	99
43) Isopropyl Acetate	6.41	43	123948	18.416	ug/l	100
44) Trichloroethene	7.18	130	64267	19.668	ug/l	99
45) 1,2-Dichloropropane	7.49	63	58504	19.420	ug/l	97
46) Dibromomethane	7.63	93	39458	19.185	ug/l	97
47) Bromodichloromethane	7.87	83	80878	19.082	ug/l	96
48) Methyl methacrylate	7.74	41	58894	18.418	ug/l	95
49) 1,4-Dioxane	7.71	88	27051	373.420	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	381148	95.001	ug/l	100
52) Toluene	8.76	92	140086	19.129	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	86136	18.419	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	95269	19.004	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	58351	19.502	ug/l	99
56) Ethyl methacrylate	9.16	69	79540	18.678	ug/l	100
57) 1,3-Dichloropropane	9.35	76	95965	18.955	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	213941	100.942	ug/l	100
59) 2-Hexanone	9.47	43	280194	95.625	ug/l	100
60) Dibromochloromethane	9.56	129	67361	19.384	ug/l	98
61) 1,2-Dibromoethane	9.65	107	62266	19.361	ug/l	99
64) Tetrachloroethene	9.32	164	62835	20.037	ug/l	97
65) Chlorobenzene	10.12	112	155206	19.353	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	60466	19.564	ug/l	99
67) Ethyl Benzene	10.23	91	258962	19.336	ug/l	100
68) m/p-Xylenes	10.34	106	203888	39.648	ug/l	98
69) o-Xylene	10.68	106	94099	19.235	ug/l	98
70) Styrene	10.70	104	165273	19.840	ug/l	100
71) Bromoform	10.84	173	48963	19.978	ug/l #	98
73) Isopropylbenzene	11.00	105	256279	18.923	ug/l	98
74) N-amyl acetate	10.88	43	106333	18.401	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	79941	18.765	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	79485m	19.550	ug/l	
77) Bromobenzene	11.24	156	68575	18.424	ug/l	99
78) n-propylbenzene	11.34	91	291028	19.003	ug/l	99
79) 2-Chlorotoluene	11.40	91	175537	18.939	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	218512	19.452	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	28179	17.948	ug/l	94
82) 4-Chlorotoluene	11.49	91	213097	19.232	ug/l	100
83) tert-Butylbenzene	11.76	119	209866	19.031	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	222906	19.559	ug/l	98
85) sec-Butylbenzene	11.93	105	250244	19.305	ug/l	99
86) p-Isopropyltoluene	12.05	119	230219	19.078	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	122662	18.145	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	125253	19.531	ug/l	98
89) n-Butylbenzene	12.37	91	195232	18.120	ug/l	100
90) Hexachloroethane	12.58	117	43629	18.334	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	117439	18.585	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18244	17.952	ug/l	96

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ClientSampleId :
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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	75823	17.580	ug/l	98
94) Hexachlorobutadiene	13.77	225	32109	20.129	ug/l	96
95) Naphthalene	13.82	128	241948	18.452	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	76857	18.414	ug/l	99

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

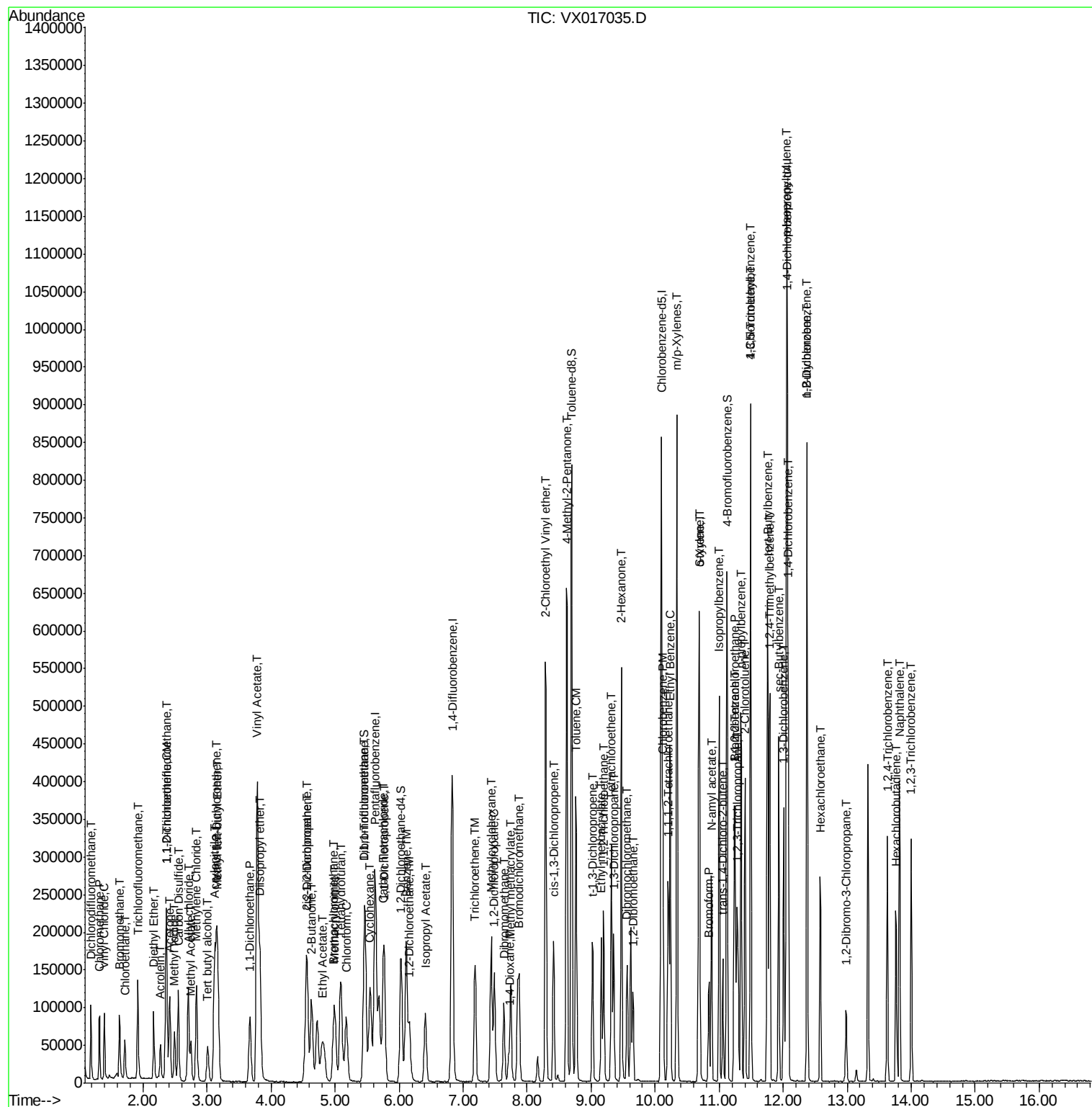
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017035.D
 Acq On : 30 Jun 2020 11:29
 Operator : JC/SP
 Sample : VX0630WBSD01
 Misc : 5.0mL/MSVOA X/WATER
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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD01

Tot Ion:168 Resp: 275934

Ion Ratio Lower Upper

168 100

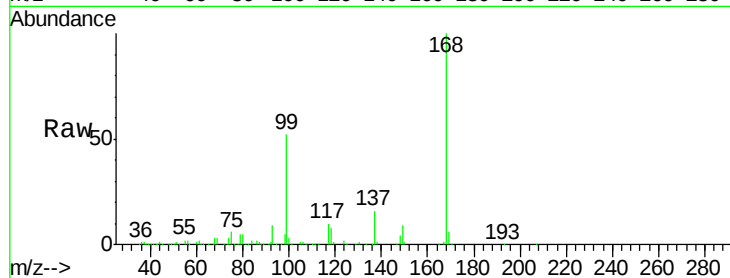
99 51.8 42.6 64.0

Manual Integrations

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7/1/2020 10:49:17 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

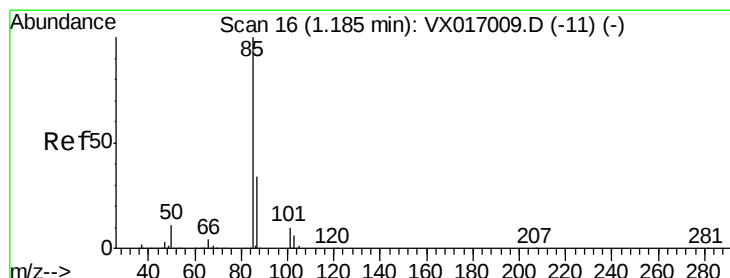
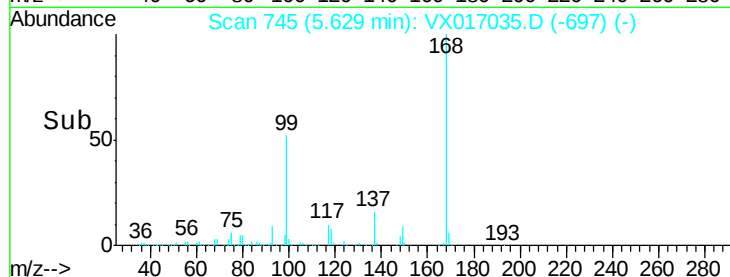
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.163 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017035.D

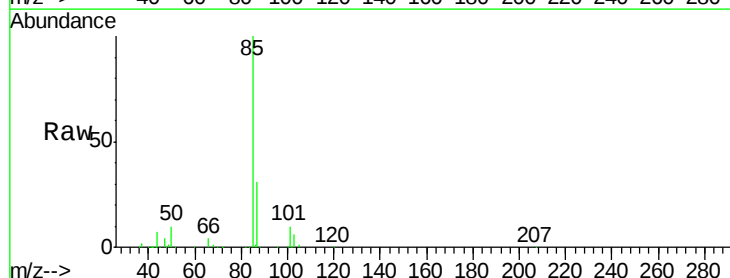
Acq: 30 Jun 2020 11:29

Tgt Ion: 85 Resp: 51156

Ion Ratio Lower Upper

85 100

87 30.7 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

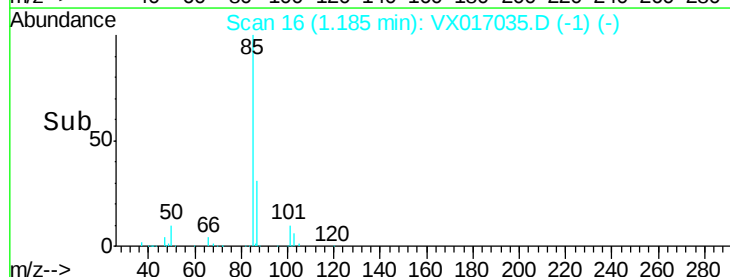
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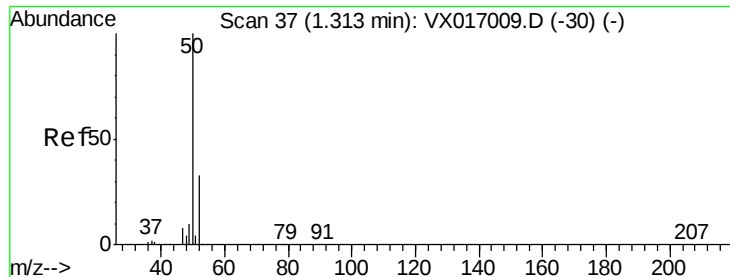
40000

20000

0

Time-->





#3

Chloromethane

Concen: 17.606 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD01

Tot Ion: 50 Resp: 56889

Ion Ratio Lower Upper

50 100

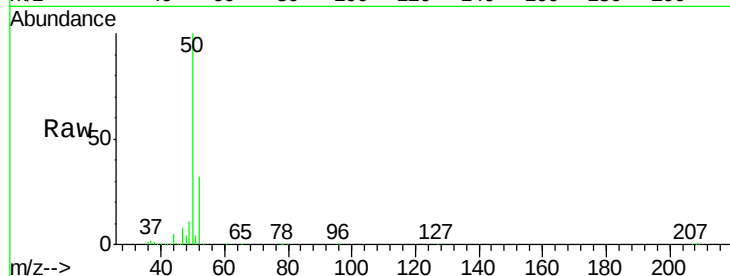
52 31.8 26.1 39.1

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

60000

50000

40000

30000

20000

10000

0

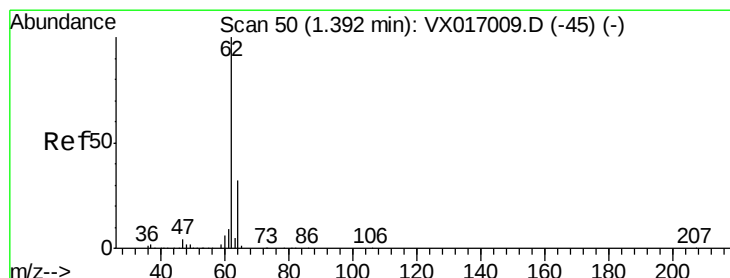
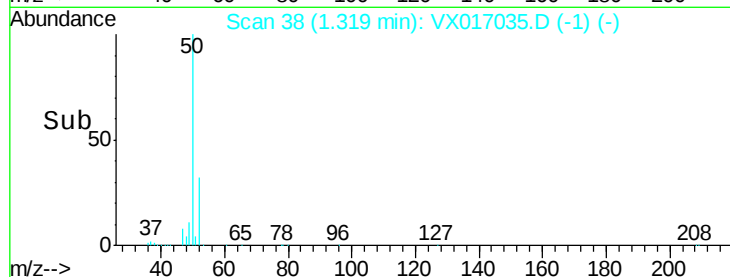
1.25

1.30

1.35

1.40

Time-->



#4

Vinyl Chloride

Concen: 17.582 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017035.D

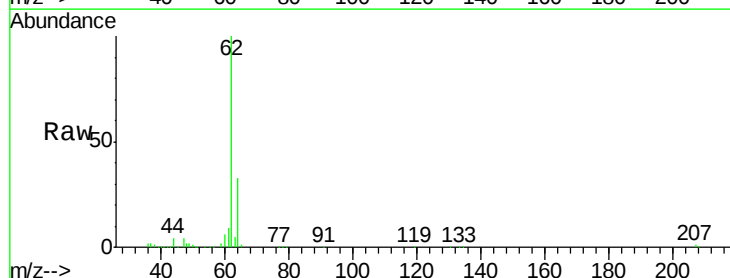
Acq: 30 Jun 2020 11:29

Tgt Ion: 62 Resp: 52711

Ion Ratio Lower Upper

62 100

64 32.6 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

60000

50000

40000

30000

20000

10000

0

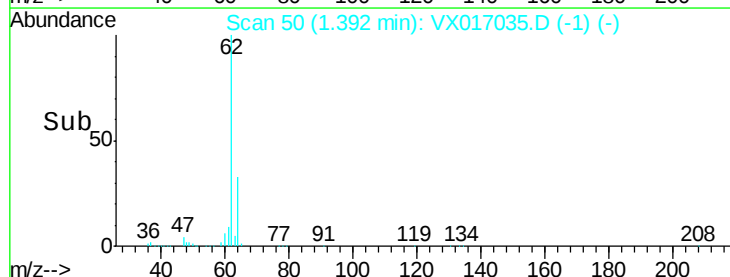
1.35

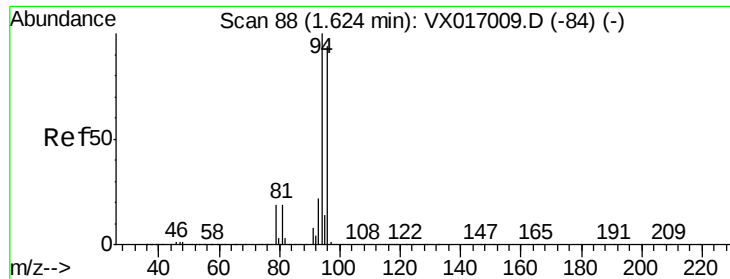
1.40

1.45

1.50

Time-->





#5

Bromomethane

Concen: 23.460 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD01

Tot Ion: 94 Resp: 37160

Ion Ratio Lower Upper

94 100

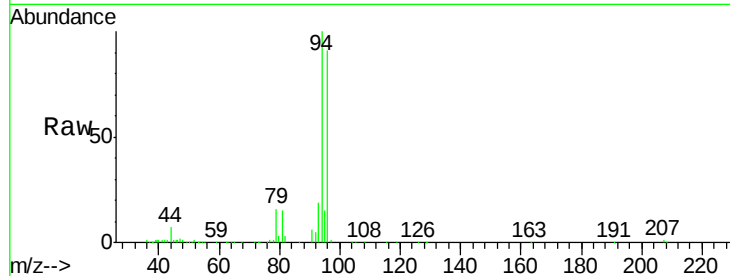
96 91.5 75.0 112.4

Manual Integrations

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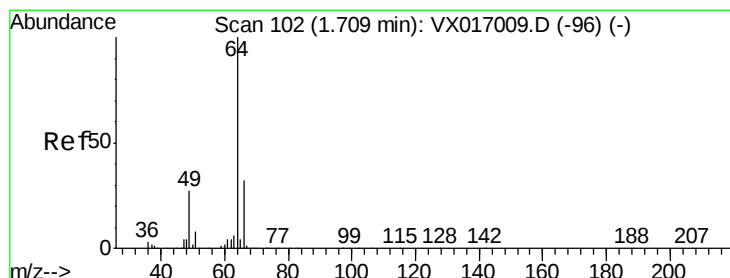
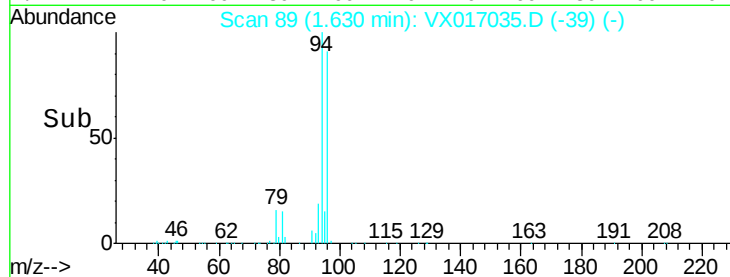
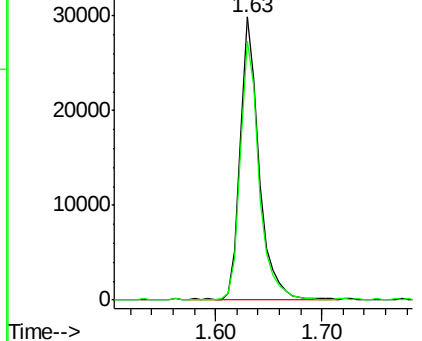
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.689 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017035.D

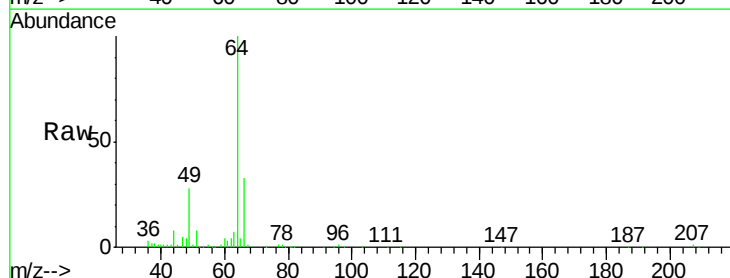
Acq: 30 Jun 2020 11:29

Tgt Ion: 64 Resp: 33092

Ion Ratio Lower Upper

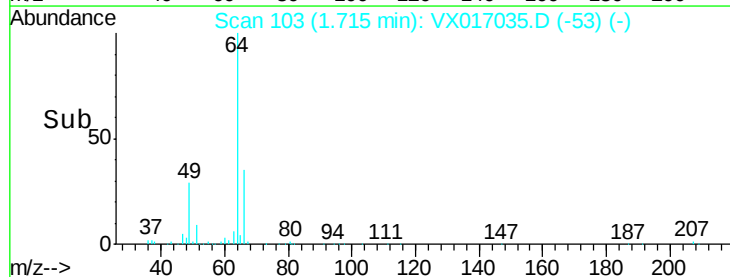
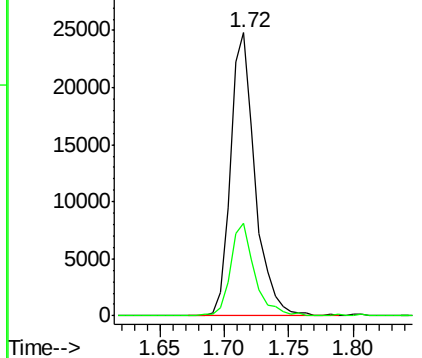
64 100

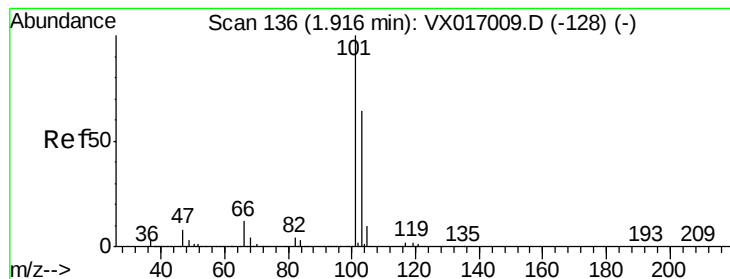
66 32.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

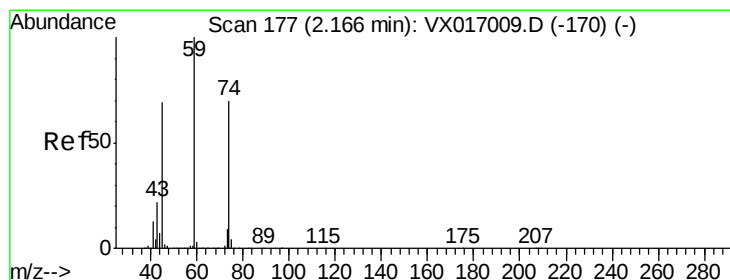
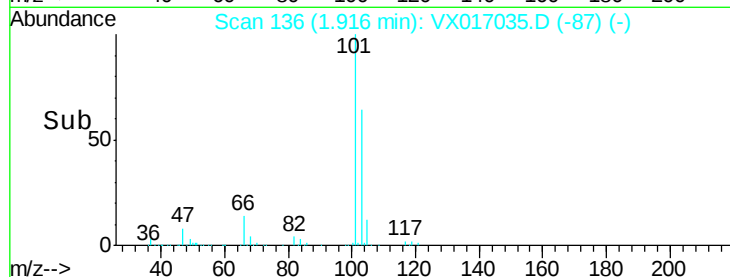
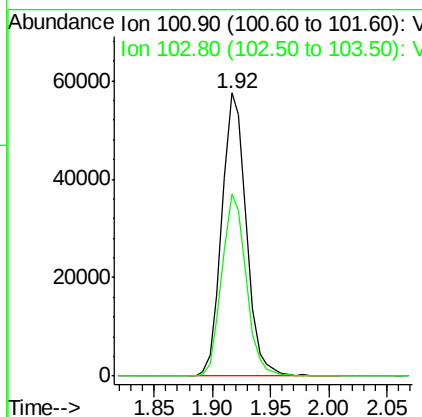
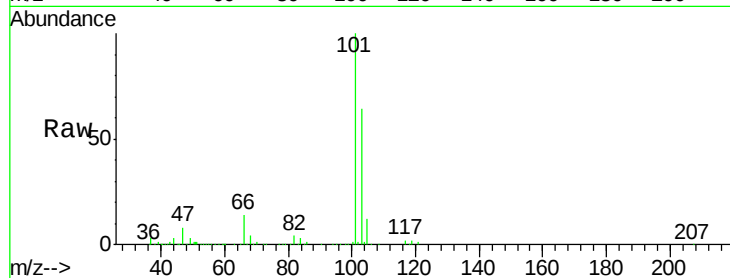
Trichlorofluoromethane
Concen: 18.776 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.5	77.3

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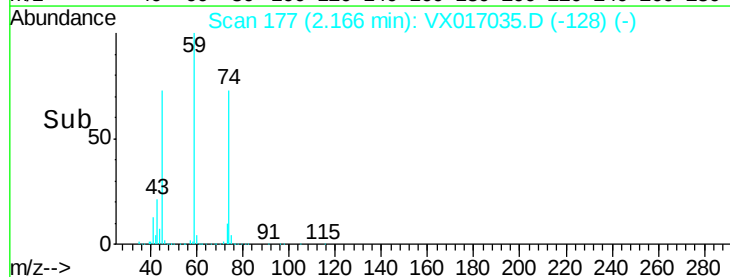
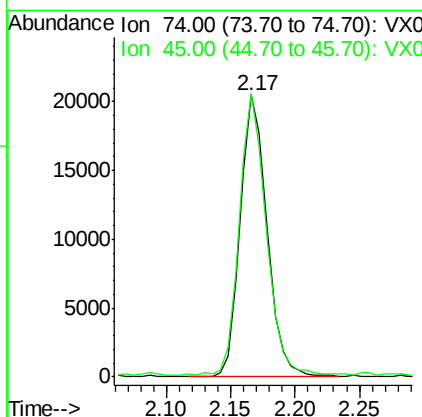
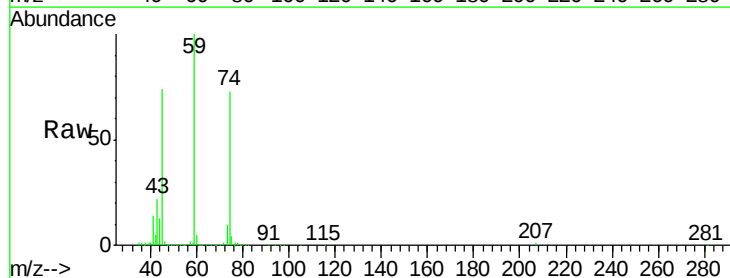
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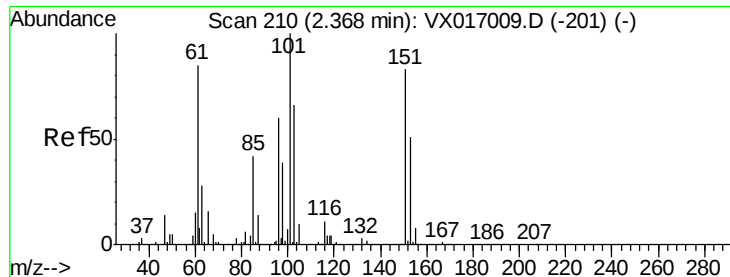


#8

Diethyl Ether
Concen: 19.950 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.6	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.489 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017035.D

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MSVOA_X

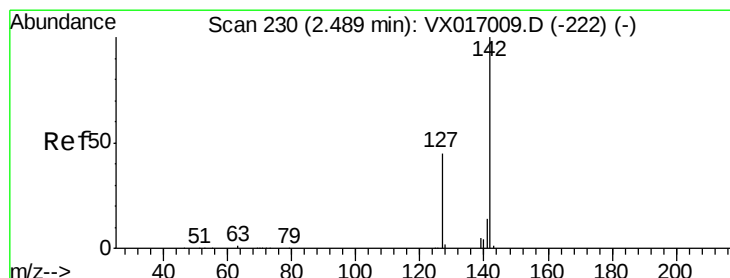
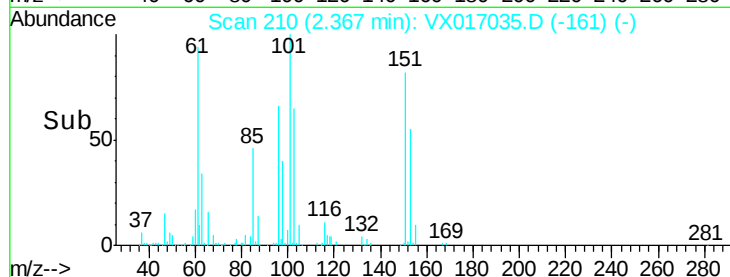
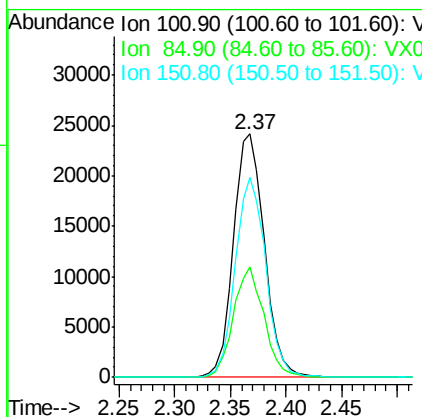
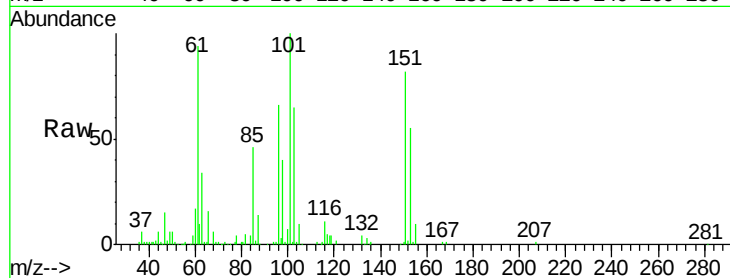
ClientSampleId :

VX0630WBSD01

Tot Ion:	101	Resp:	46478
Ion Ratio	Lower	Upper	
101	100		
85	44.8	33.5	50.3
151	81.3	63.8	95.6

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#10

Methyl Iodide

Concen: 18.706 ug/l

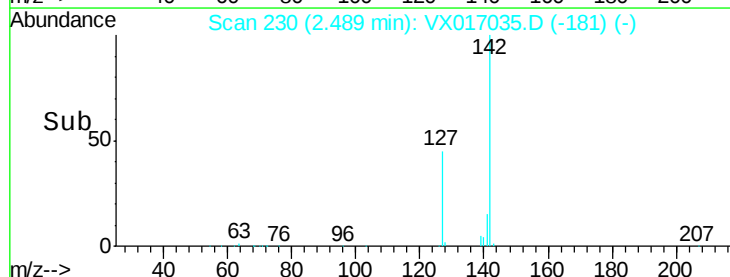
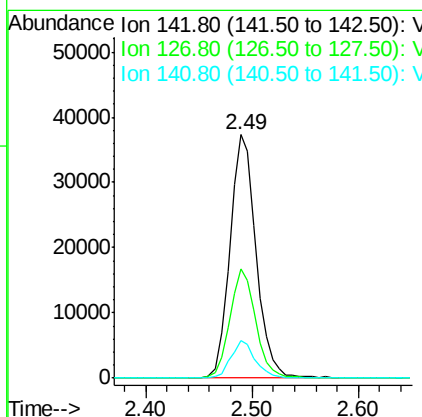
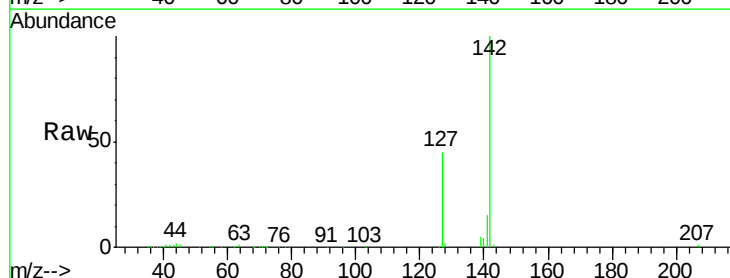
RT: 2.49 min Scan# 230

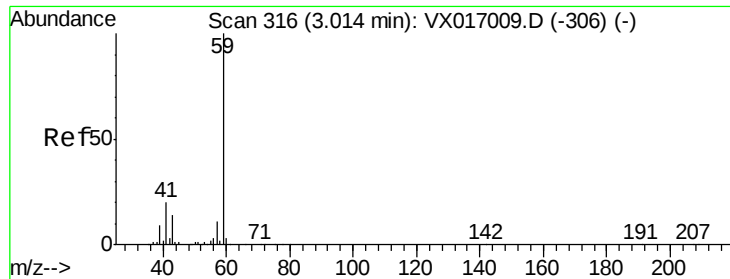
Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Tgt Ion:	142	Resp:	64145
Ion Ratio	Lower	Upper	
142	100		
127	44.4	36.6	54.8
141	14.4	11.6	17.4





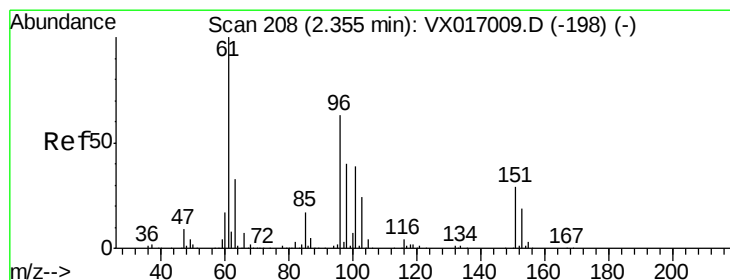
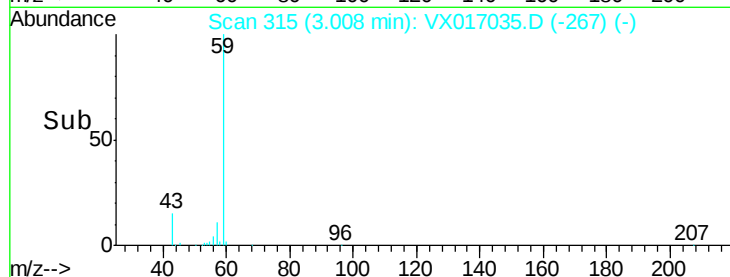
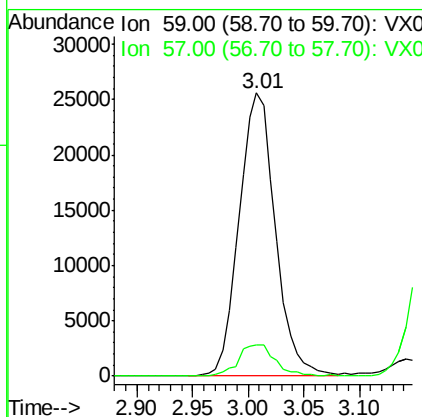
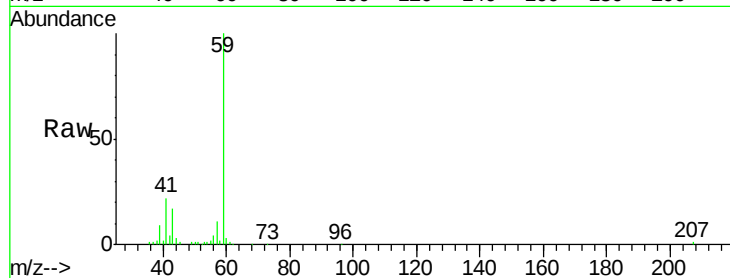
#11
Tert butyl alcohol
Concen: 89.225 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.4	8.2	12.2

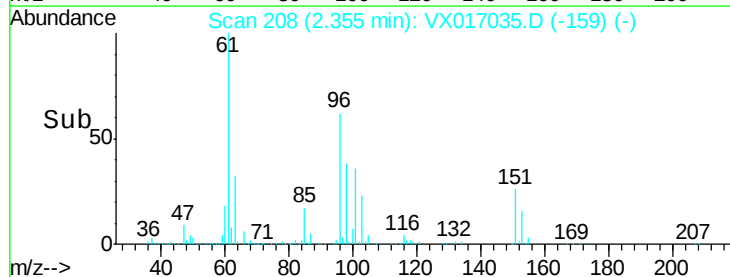
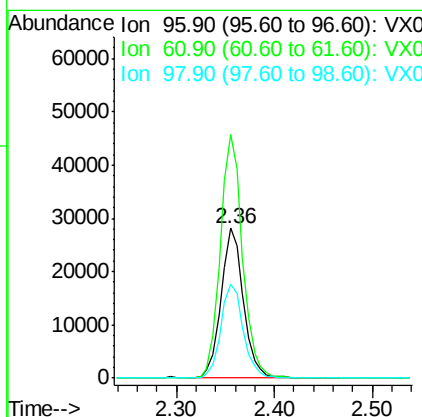
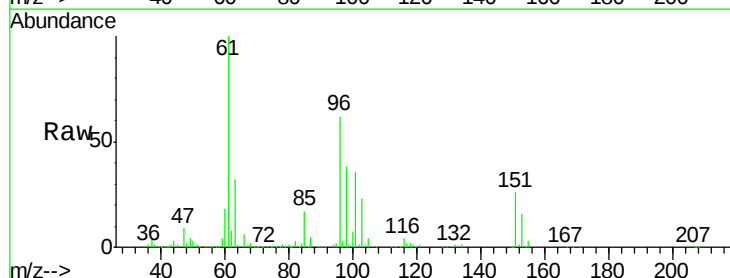
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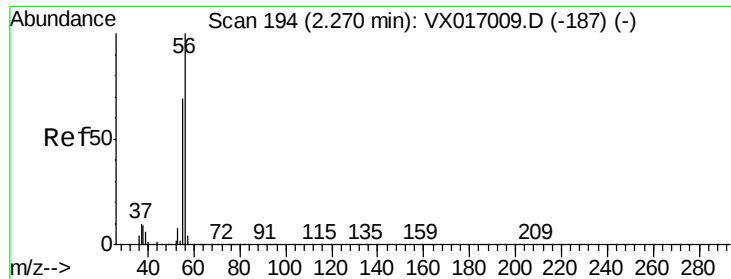
MMDadoda
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#12
1,1-Dichloroethene
Concen: 16.448 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.1	126.3	189.5
98	62.2	51.0	76.6





#13

Acrolein

Concen: 84.995 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD01

Tot Ion: 56 Resp: 32972

Ion Ratio Lower Upper

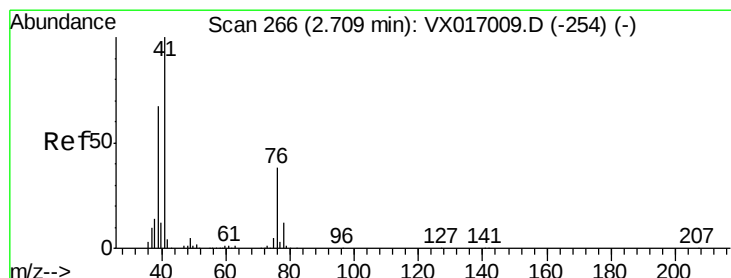
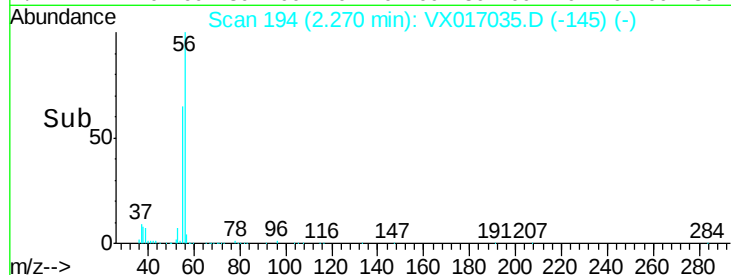
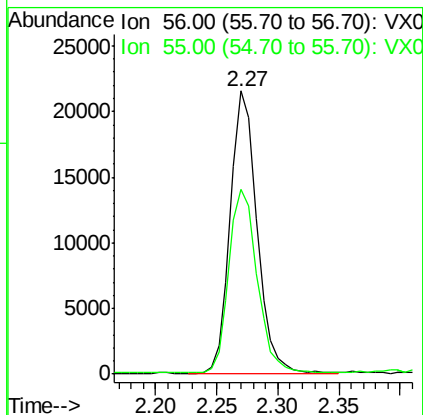
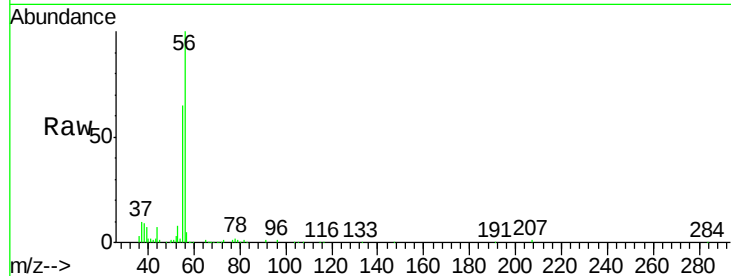
56 100

55 67.6 55.7 83.5

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#14

Allyl chloride

Concen: 17.456 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

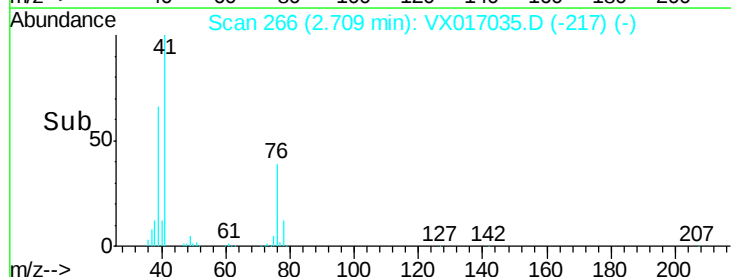
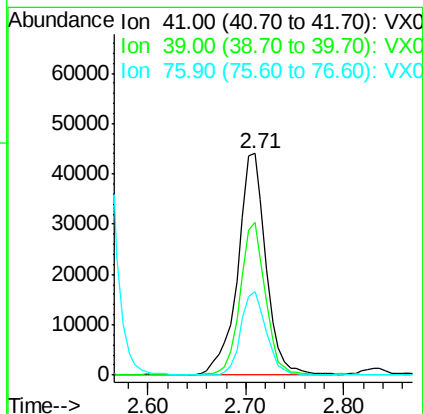
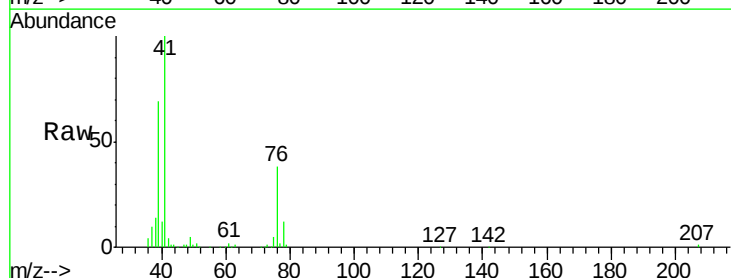
Tgt Ion: 41 Resp: 88071

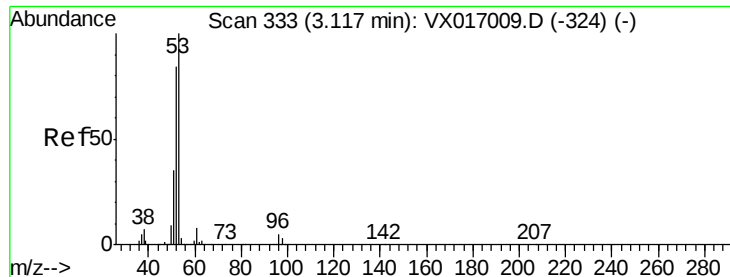
Ion Ratio Lower Upper

41 100

39 61.6 49.4 74.2

76 34.1 26.8 40.2





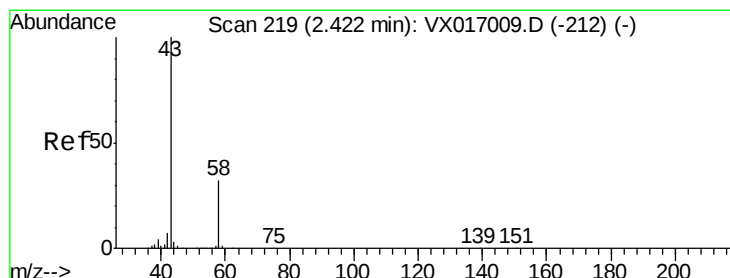
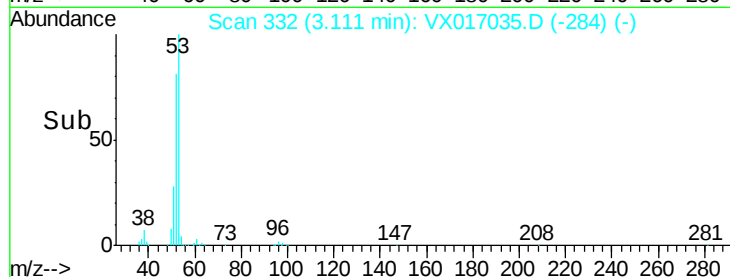
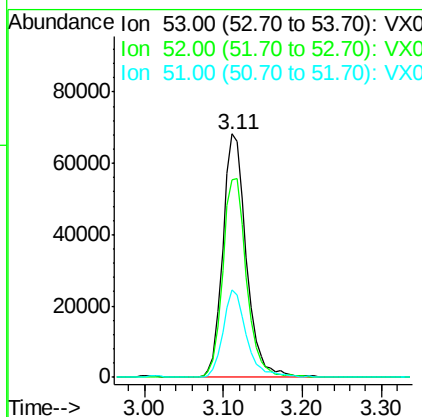
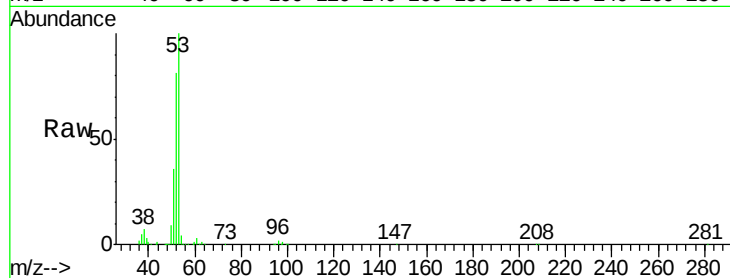
#15
Acrylonitrile
Concen: 90.769 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.6	98.4
51	35.8	28.3	42.5

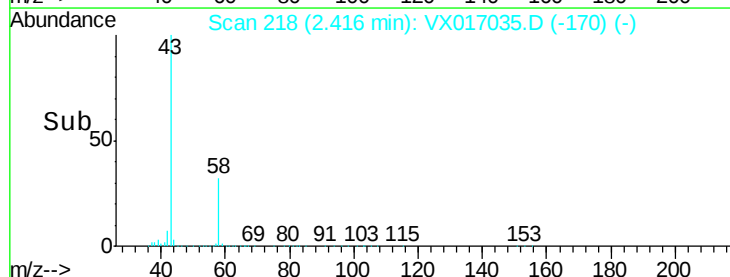
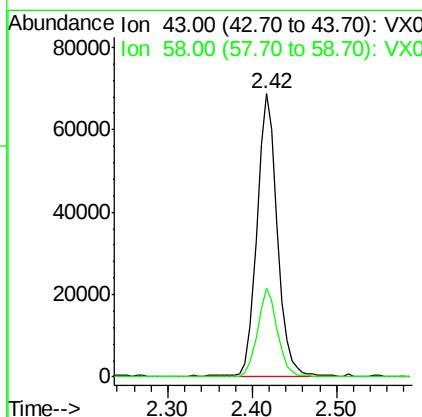
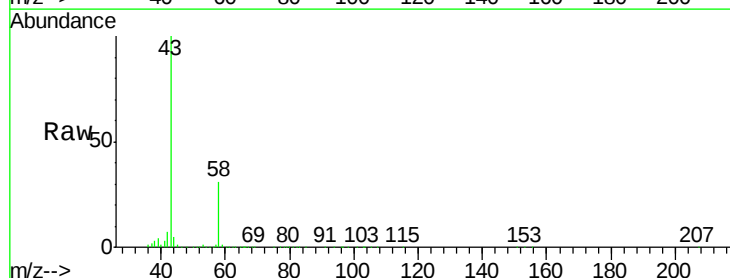
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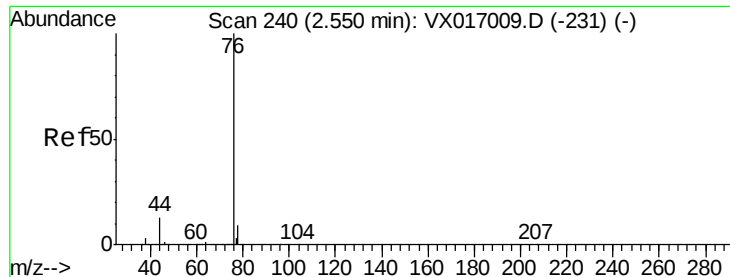
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#16
Acetone
Concen: 88.536 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.7	38.5





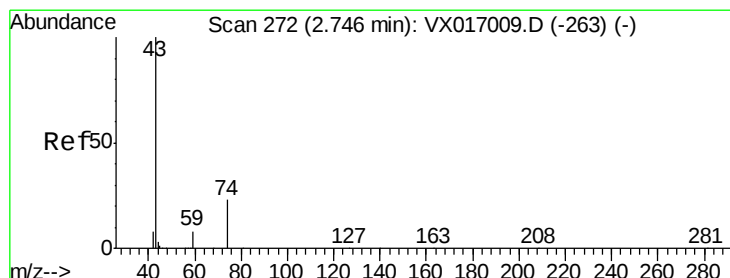
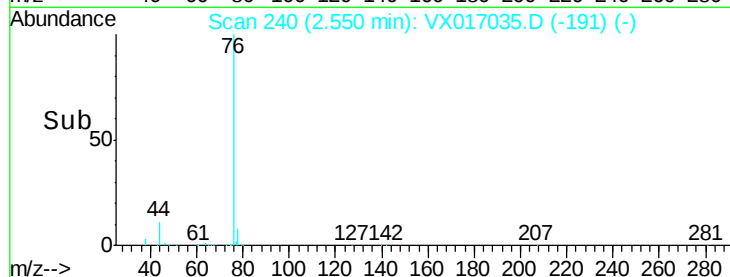
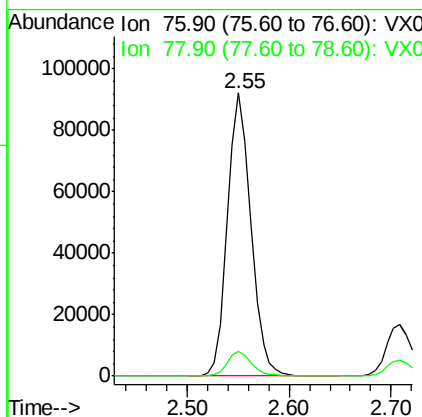
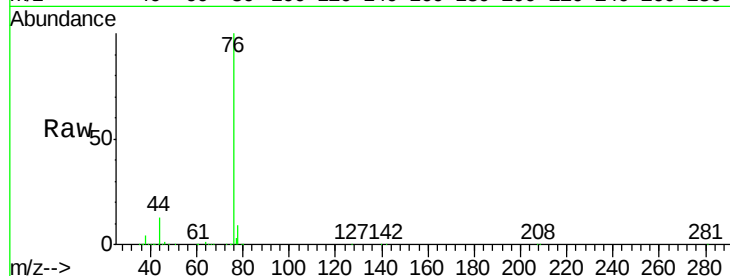
#17
Carbon Disulfide
Concen: 19.238 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.2	10.8

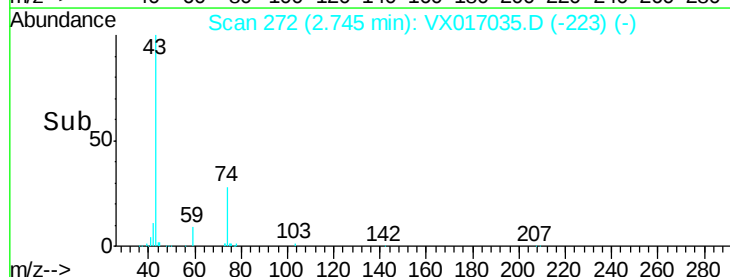
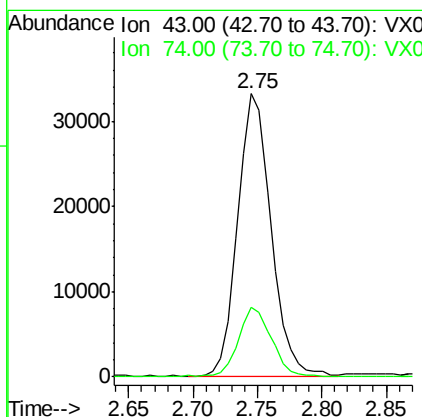
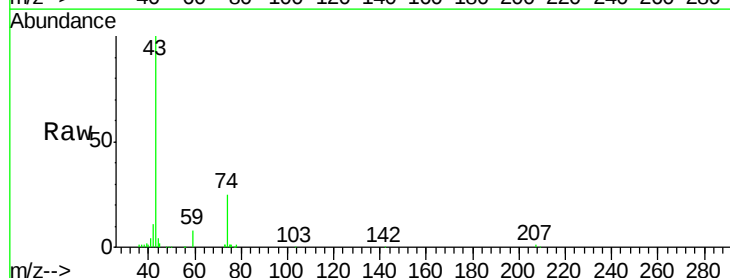
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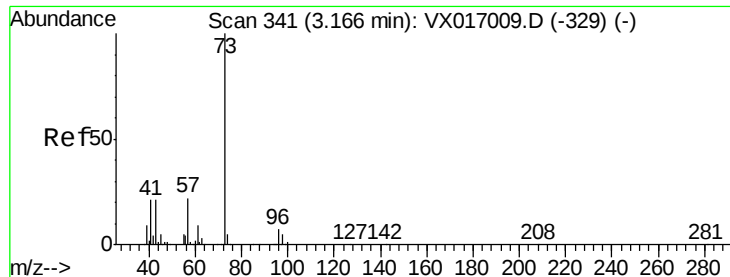
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#18
Methyl Acetate
Concen: 18.096 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	19.3	28.9





#19

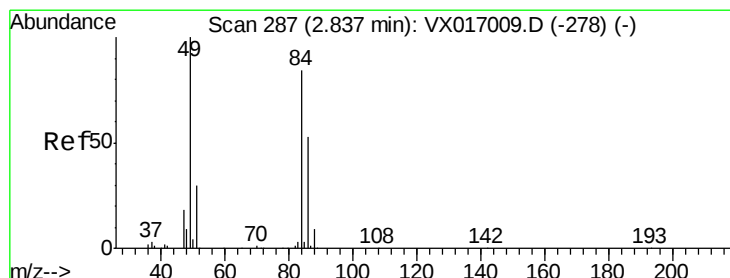
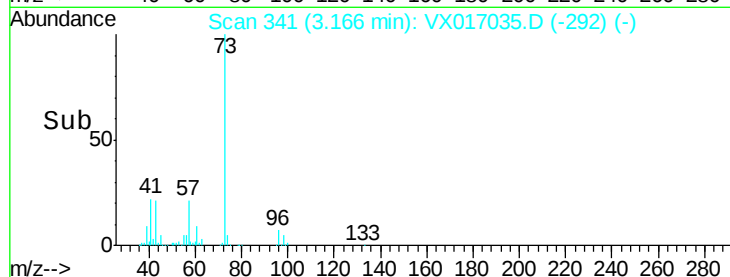
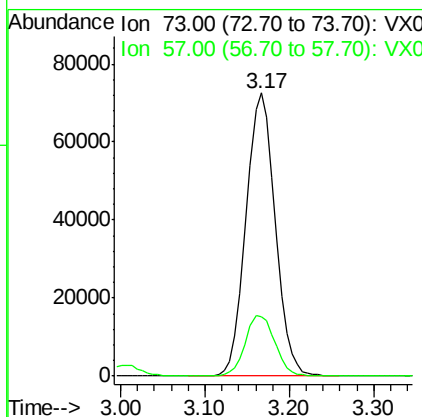
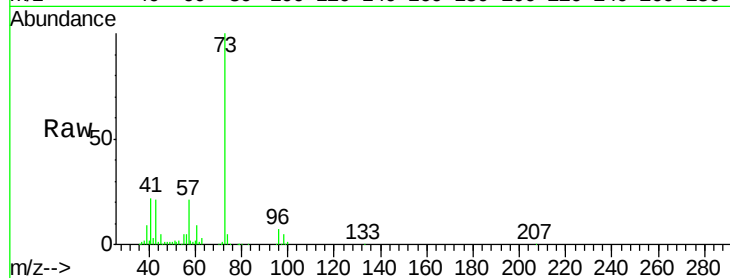
Methyl tert-butyl Ether
 Concen: 18.580 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017035.D
 Acq: 30 Jun 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.6	26.4

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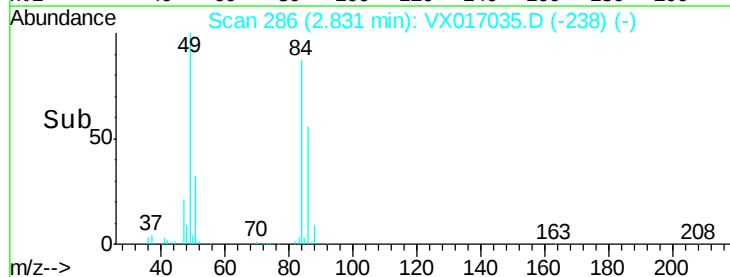
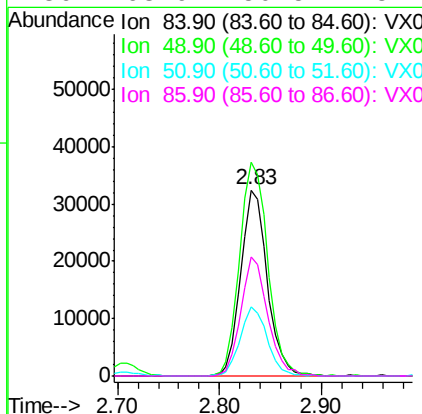
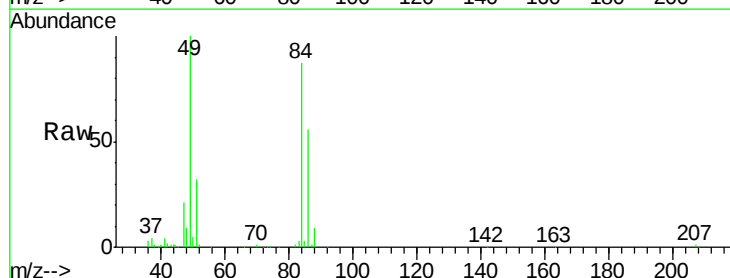
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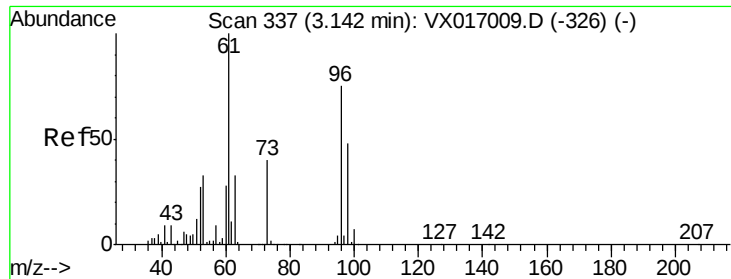


#20

Methylene Chloride
 Concen: 19.633 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017035.D
 Acq: 30 Jun 2020 11:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.0	94.7	142.1
51	36.9	28.6	42.8
86	63.9	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 18.456 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Instrument :

MSVOA_X

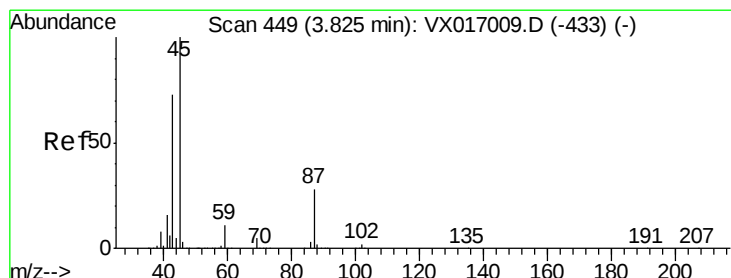
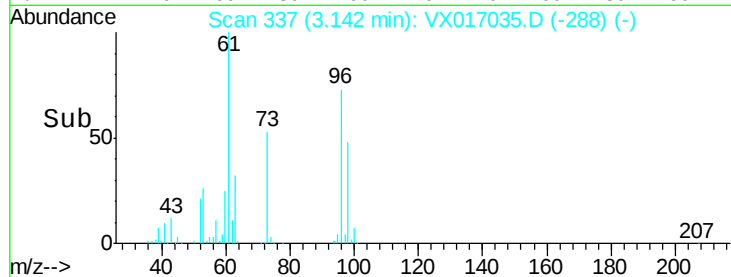
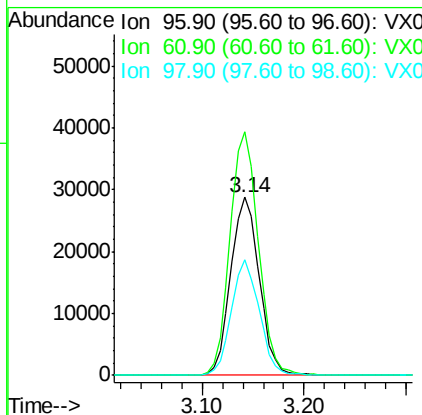
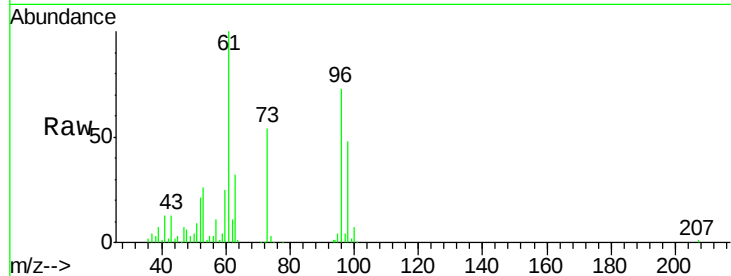
ClientSampled :

VX0630WBSD01

Tot Ion:	96	Resp:	55914
Ion	Ratio	Lower	Upper
96	100		
61	136.6	107.0	160.6
98	65.2	51.6	77.4

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#22

Diisopropyl ether

Concen: 19.210 ug/l

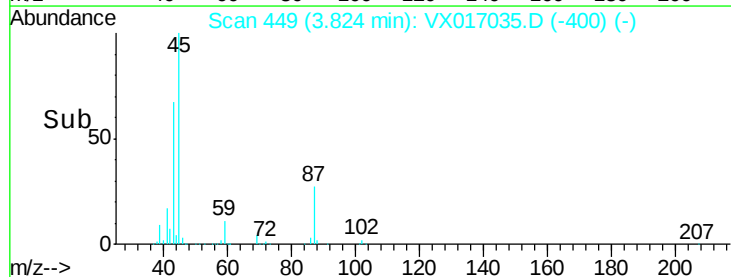
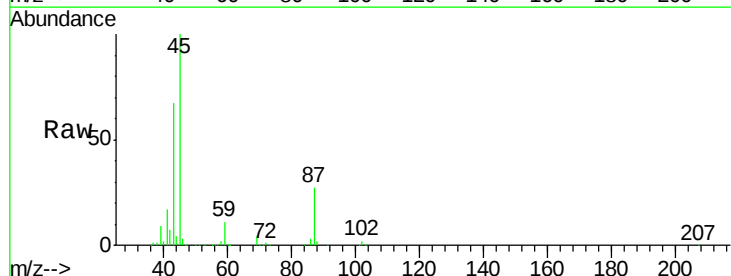
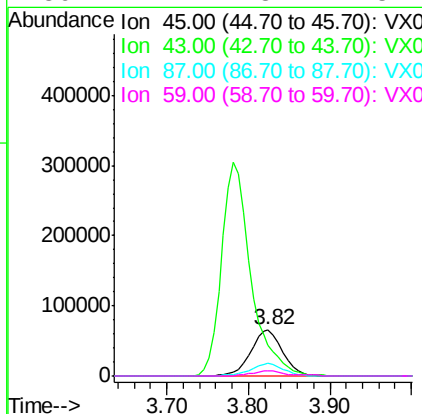
RT: 3.82 min Scan# 449

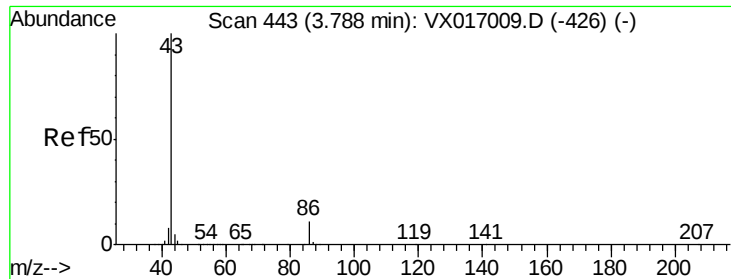
Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Tgt Ion:	45	Resp:	179378
Ion	Ratio	Lower	Upper
45	100		
43	66.9	58.6	88.0
87	26.8	22.6	34.0
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 95.557 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Instrument :

MSVOA_X

ClientSampled :

VX0630WBSD01

Tot Ion: 43 Resp: 766758

Ion Ratio Lower Upper

43 100

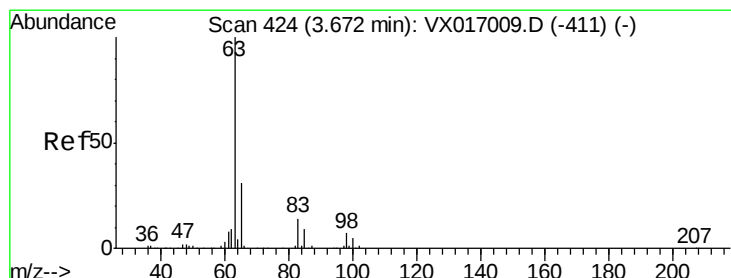
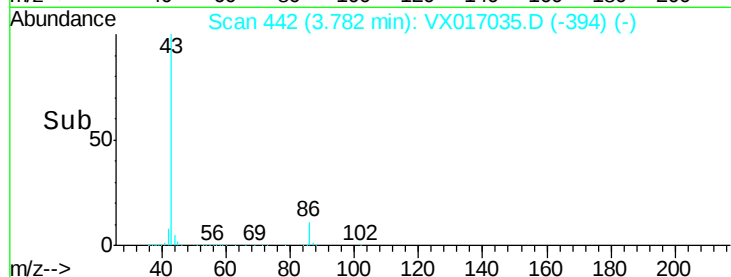
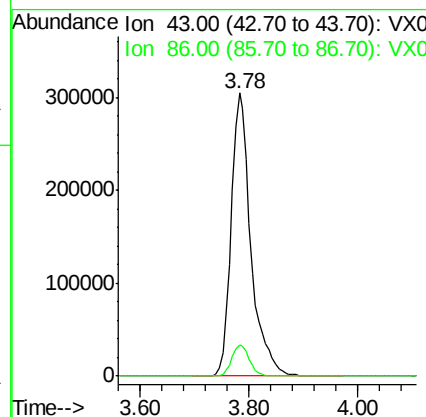
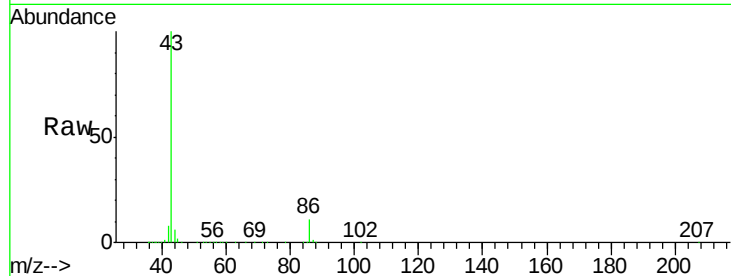
86 10.9 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 18.362 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

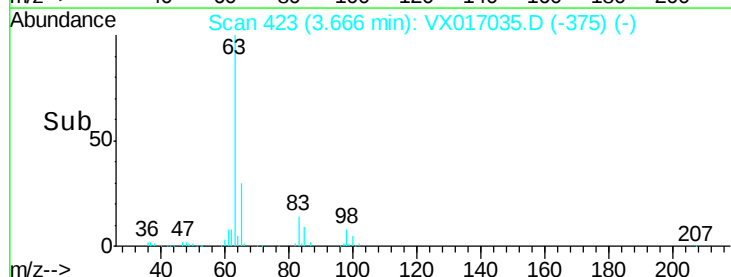
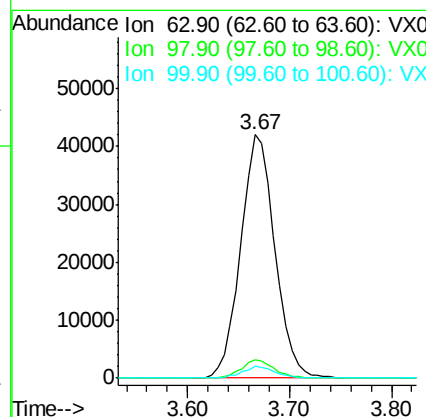
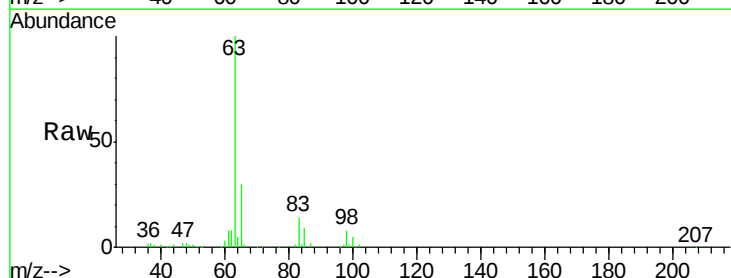
Tgt Ion: 63 Resp: 97558

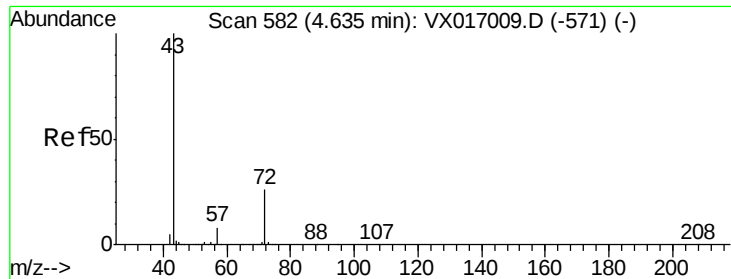
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 90.195 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD01

Tot Ion: 43 Resp: 191249

Ion Ratio Lower Upper

43 100

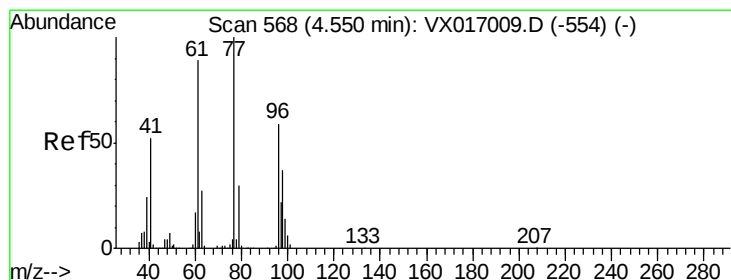
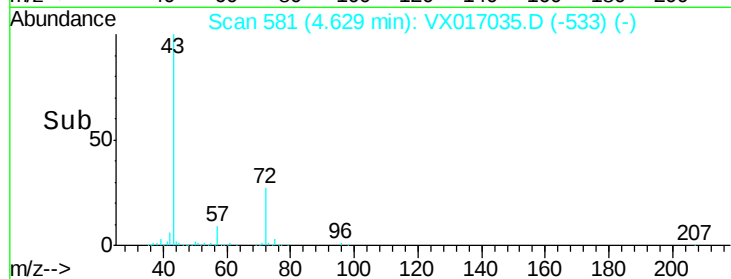
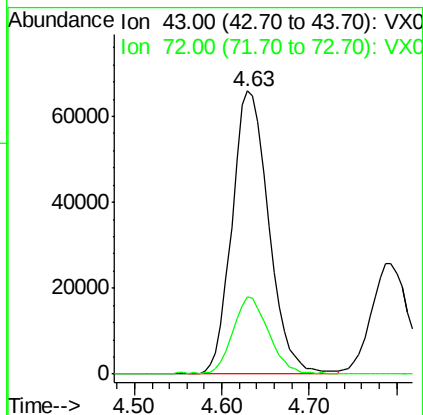
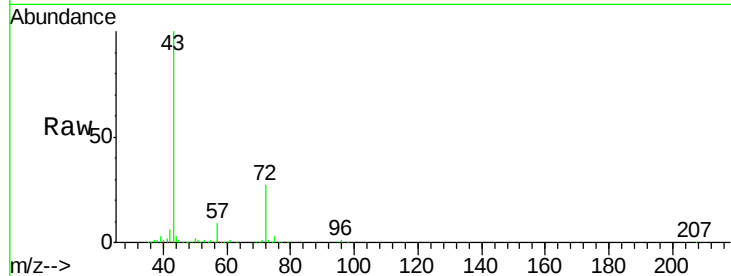
72 27.0 20.8 31.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.039 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017035.D

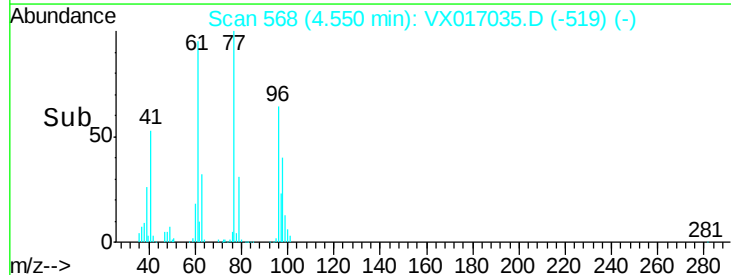
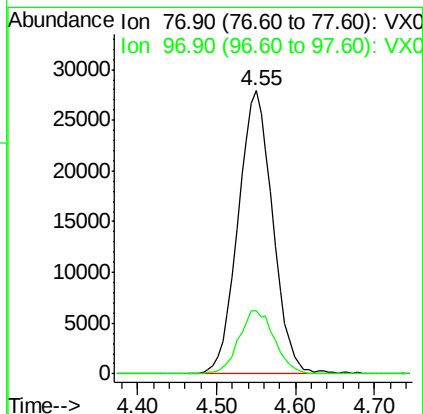
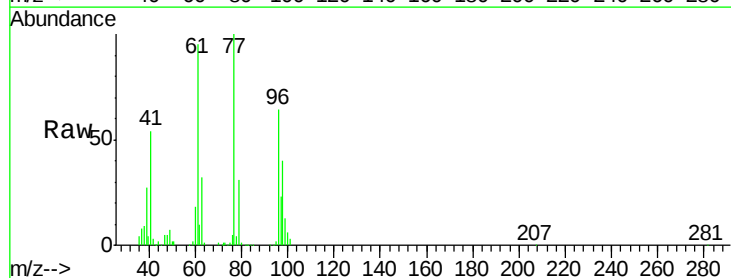
Acq: 30 Jun 2020 11:29

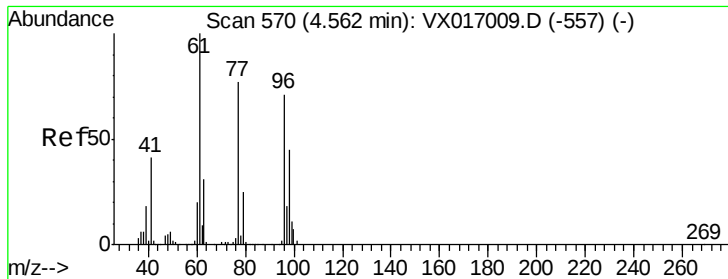
Tgt Ion: 77 Resp: 85102

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.2





#27

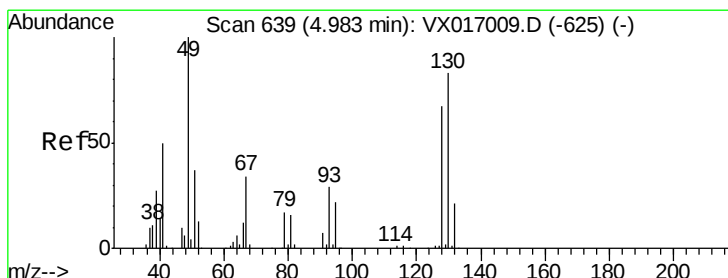
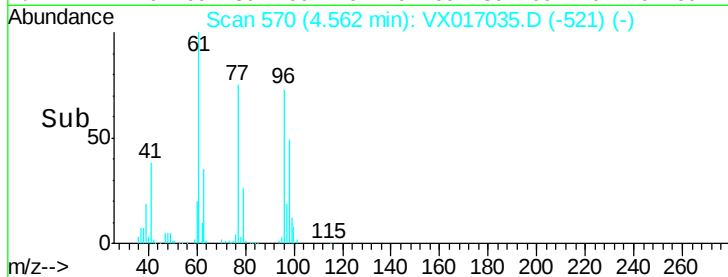
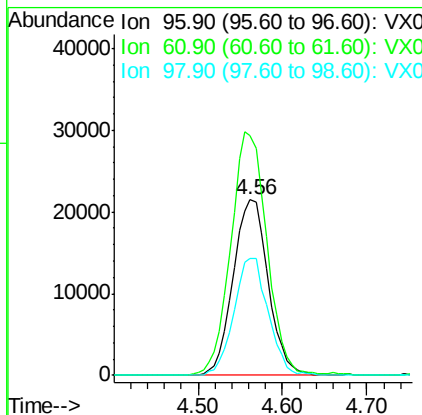
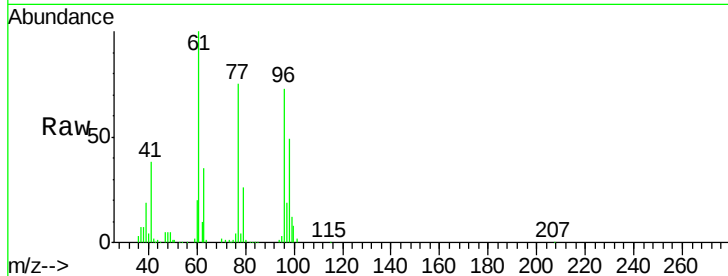
cis-1,2-Dichloroethene
Concen: 17.707 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	282.8
98	64.9	0.0	127.6

Manual Integrations
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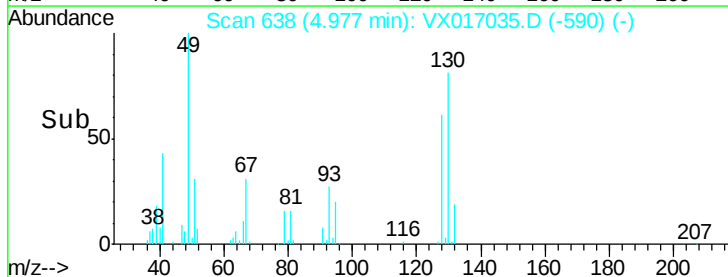
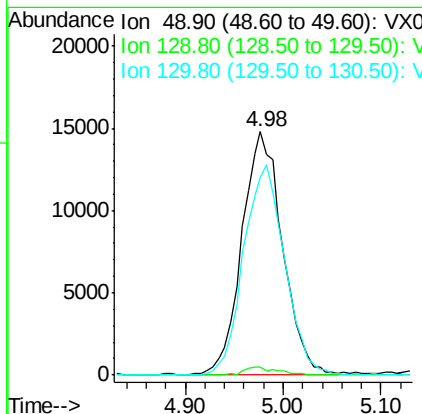
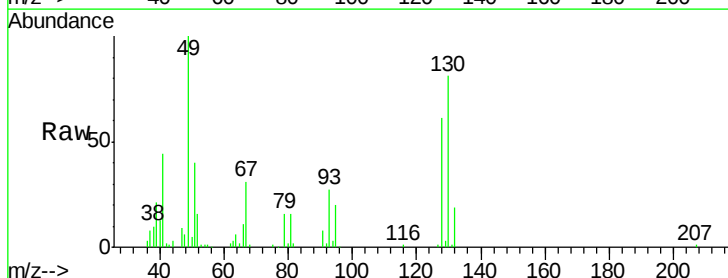
MMDadoda
7/1/2020 10:49:17 AM

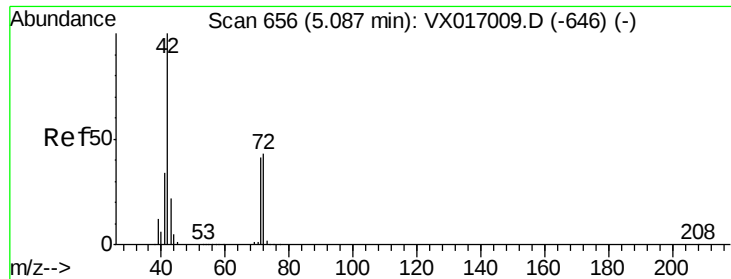


#28

Bromochloromethane
Concen: 16.471 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.2
130	87.2	66.6	100.0





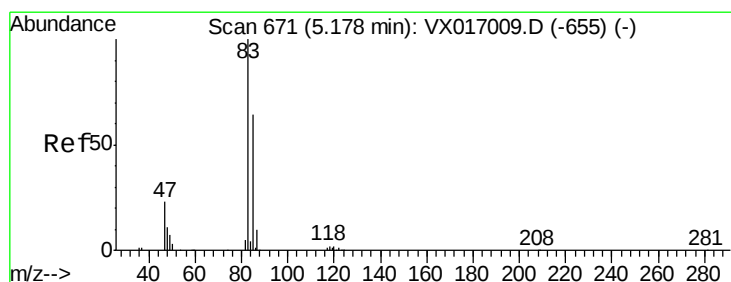
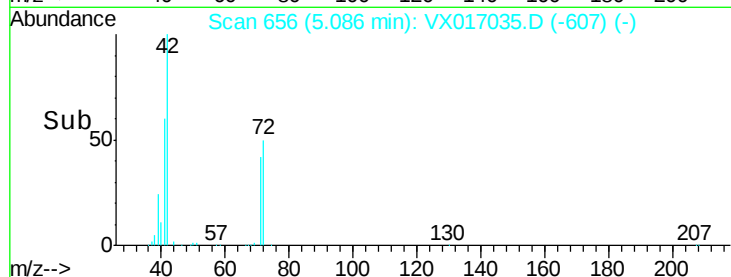
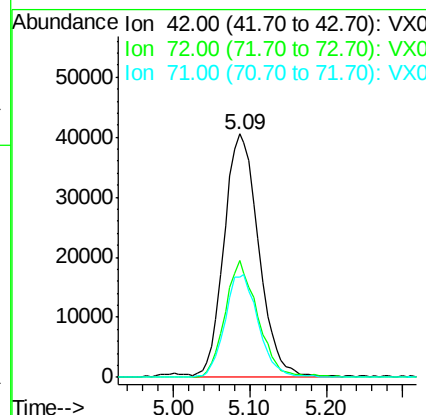
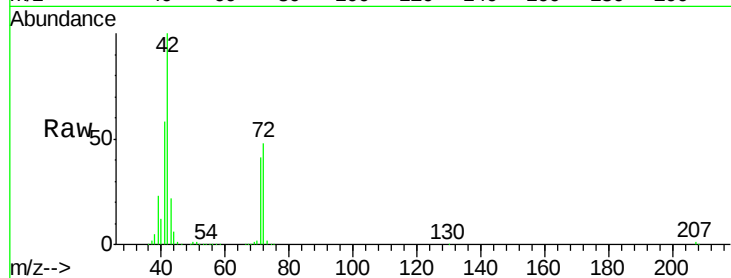
#29
Tetrahydrofuran
Concen: 90.097 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	35.3	52.9
71	41.2	33.1	49.7

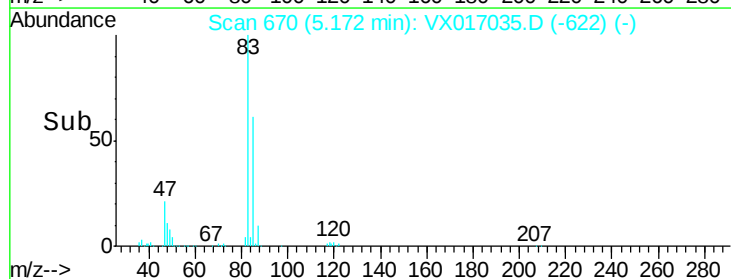
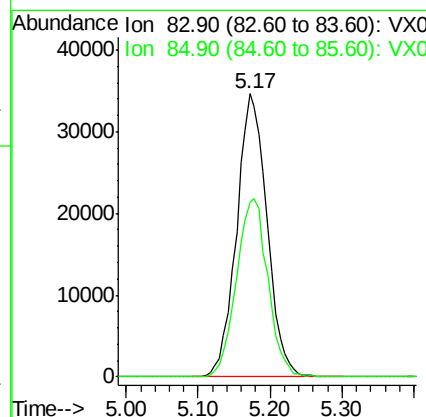
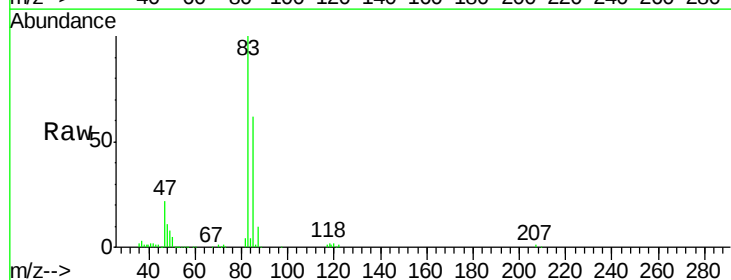
Manual Integrations
APPROVED

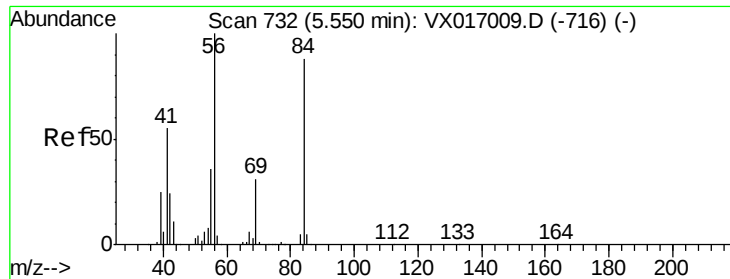
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#30
Chloroform
Concen: 18.611 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.4	77.2





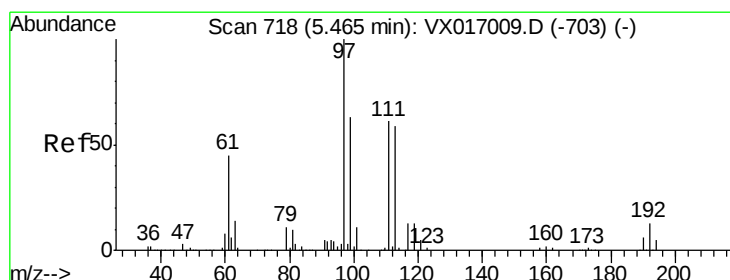
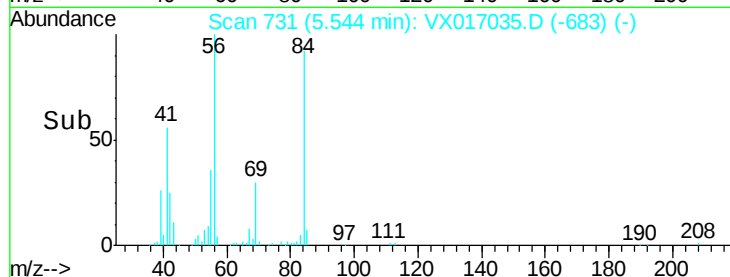
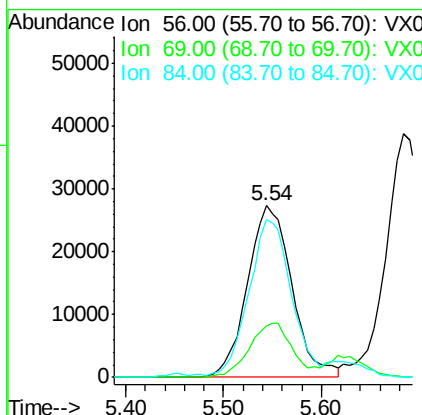
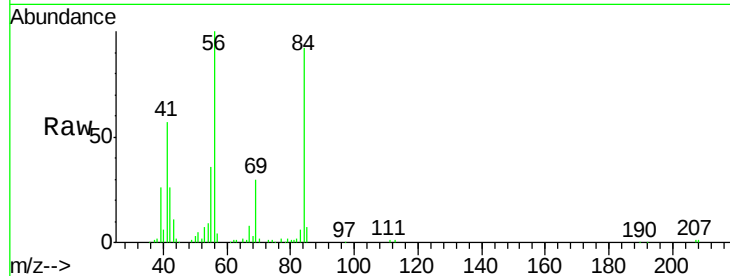
#31
Cyclohexane
Concen: 18.763 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	25.0	37.4
84	90.8	69.1	103.7

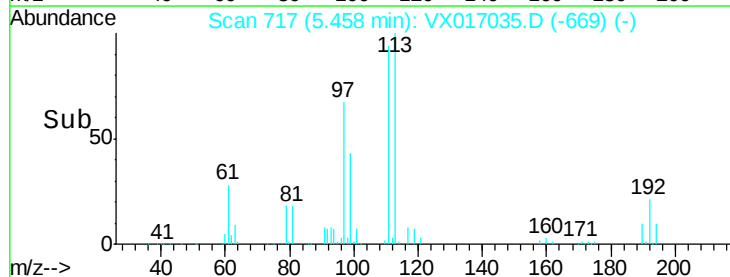
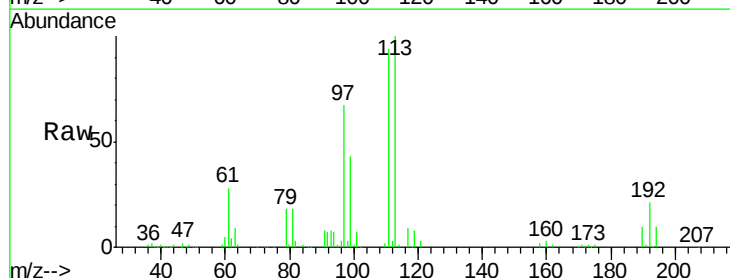
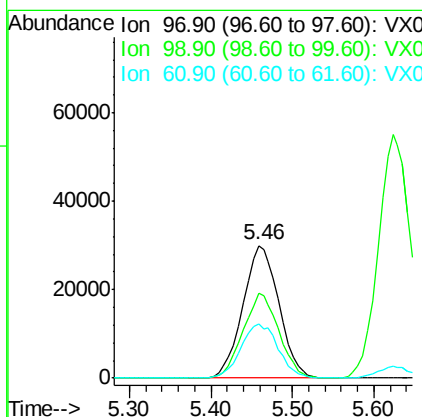
Manual Integrations
APPROVED

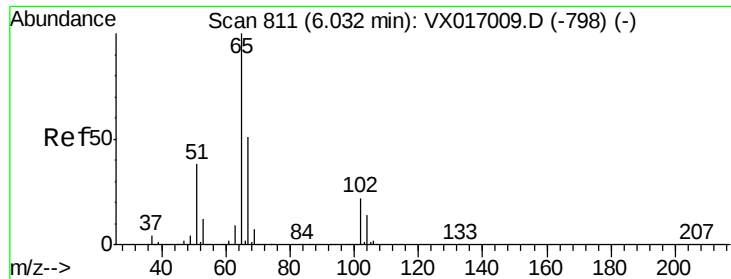
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#32
1,1,1-Trichloroethane
Concen: 18.379 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	50.8	76.2
61	42.5	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 47.134 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Instrument :

MSVOA_X

ClientSampled :

VX0630WBSD01

Tot Ion: 65 Resp: 160335

Ion Ratio Lower Upper

65 100

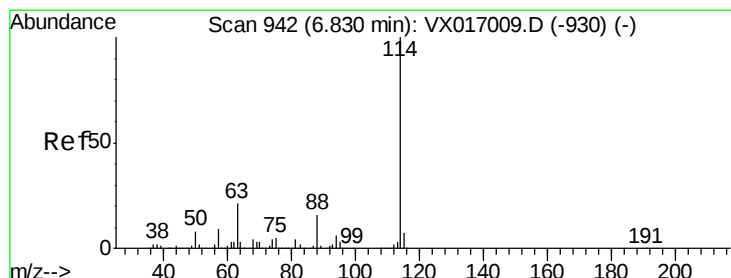
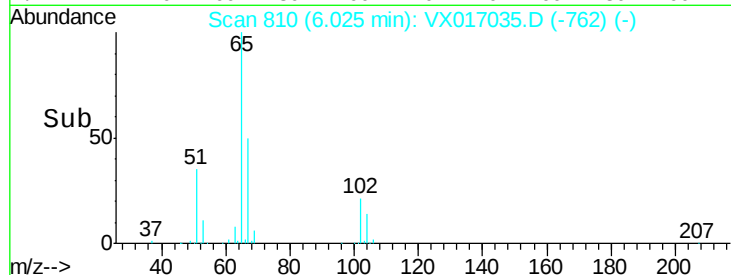
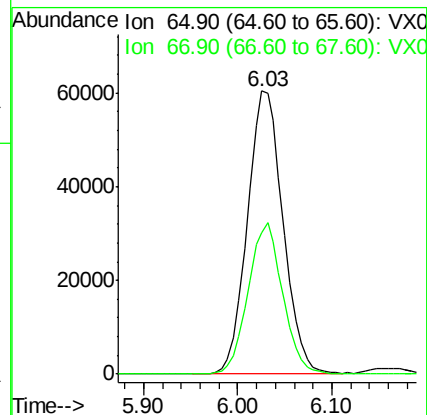
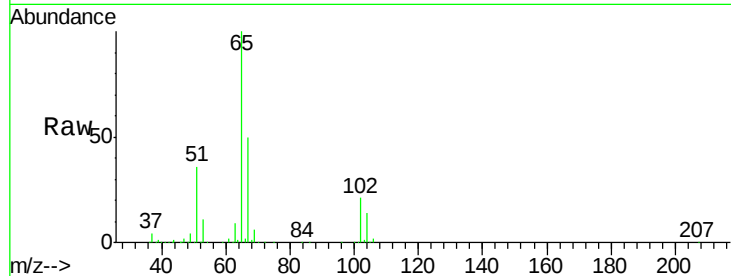
67 51.7 0.0 103.8

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: VX017035.D

Acq: 30 Jun 2020 11:29

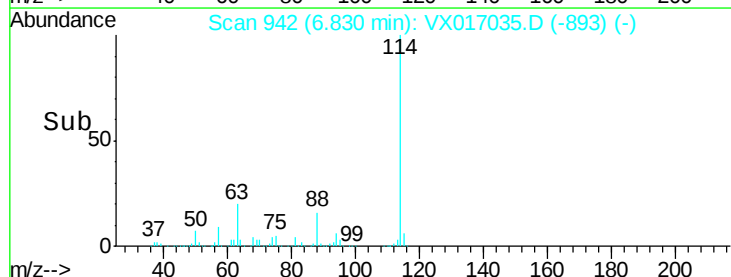
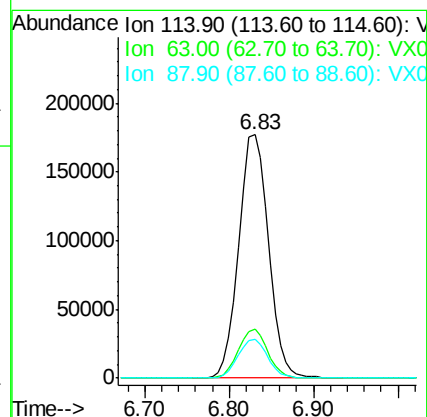
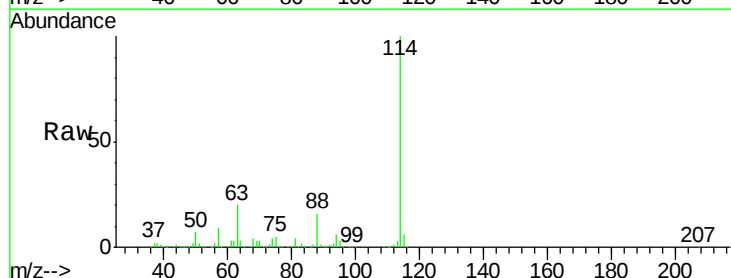
Tgt Ion: 114 Resp: 422381

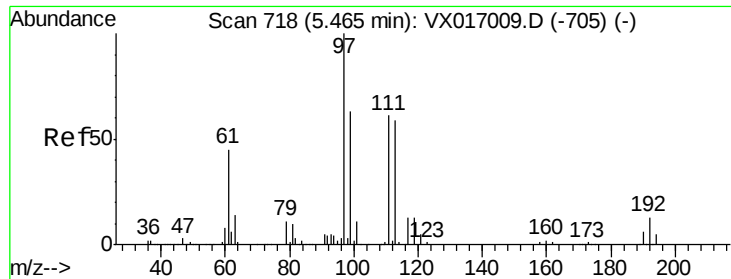
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

88 16.0 0.0 32.4





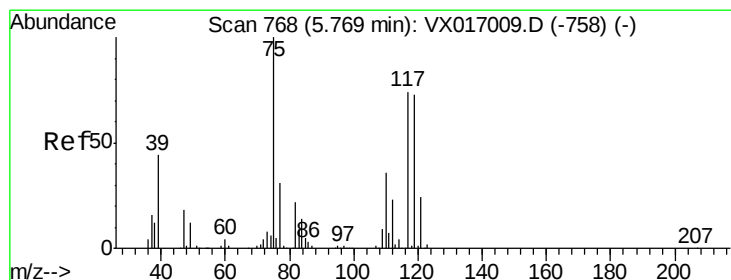
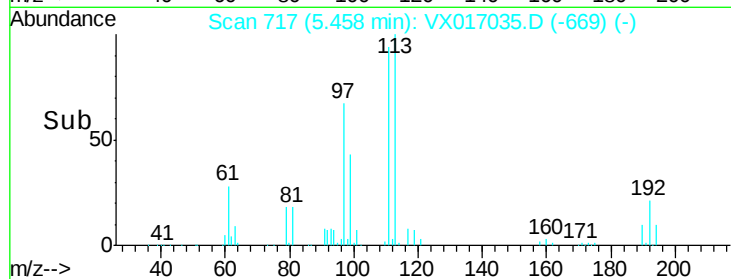
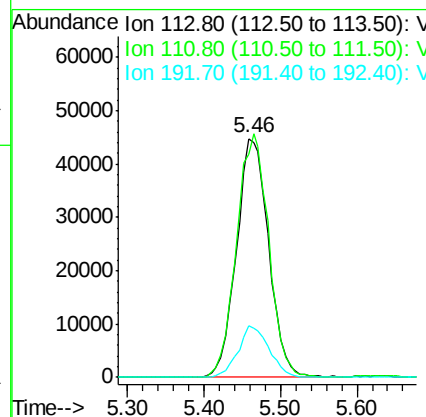
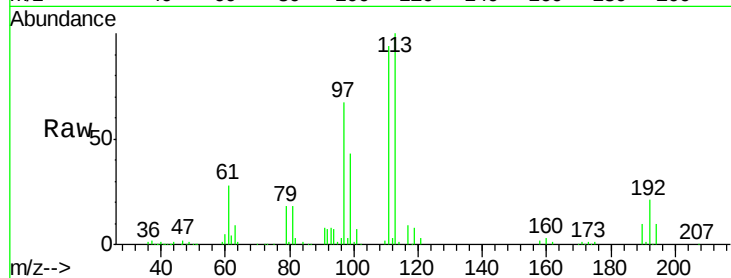
#35
Dibromofluoromethane
Concen: 48.702 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	130124		
111	102.5	81.9	122.9	
192	20.8	16.7	25.1	

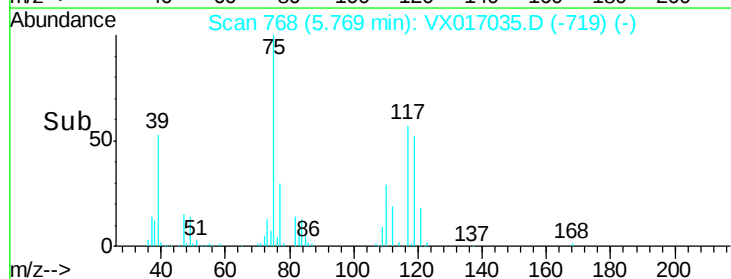
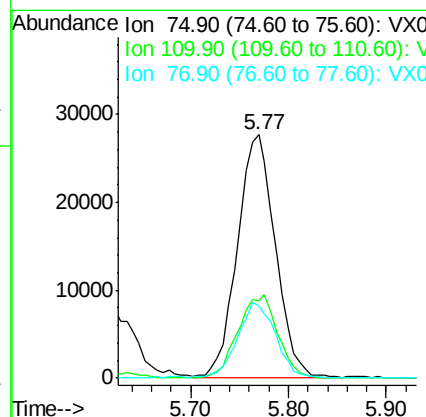
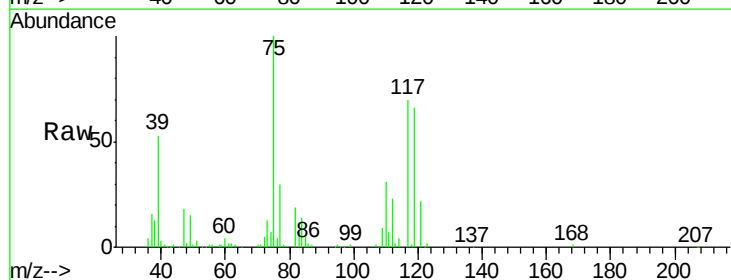
Manual Integrations
APPROVED

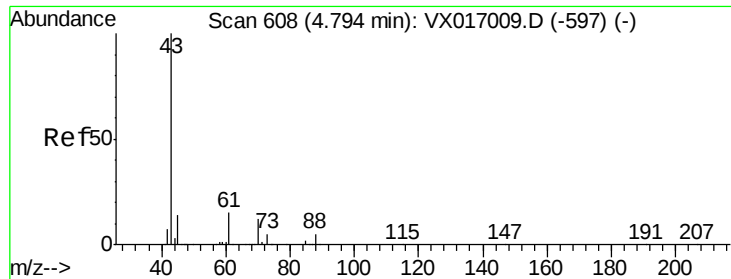
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#36
1,1-Dichloropropene
Concen: 18.457 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	73682		
110	36.2	18.1	54.1	
77	31.3	24.6	37.0	





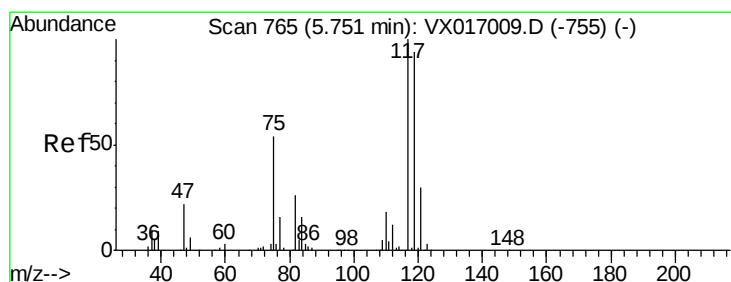
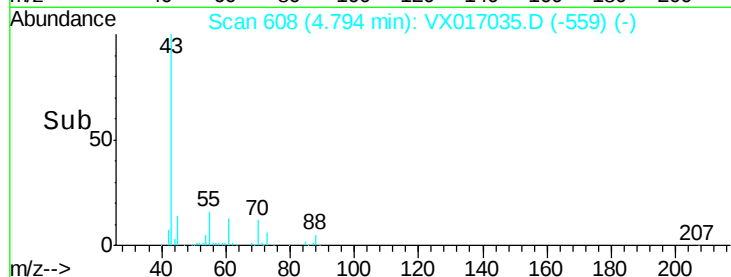
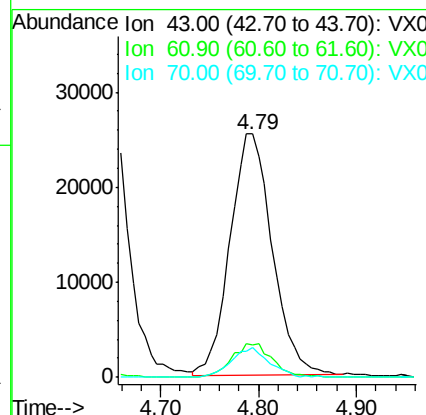
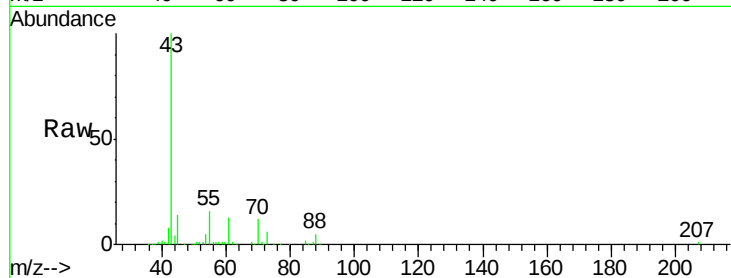
#37
Ethyl Acetate
Concen: 18.675 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Instrument :
MSVOA_X
ClientSampled :
VX0630WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.4
70	11.4	8.9	13.3

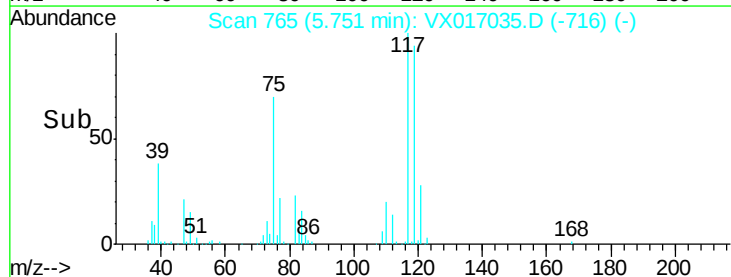
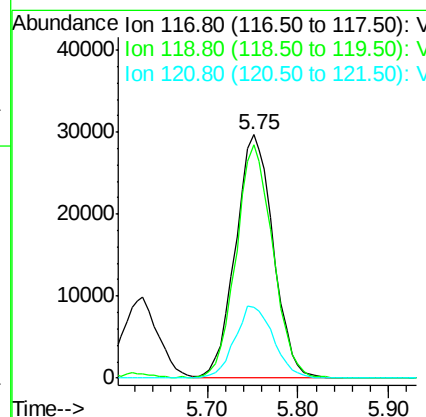
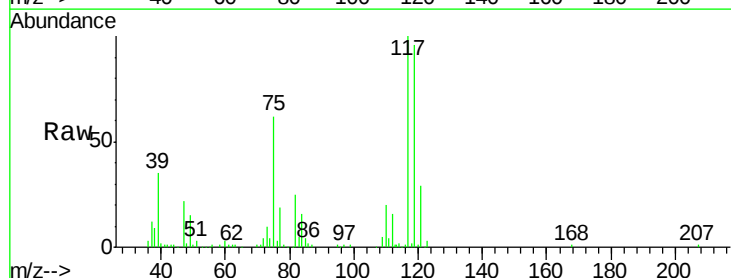
Manual Integrations
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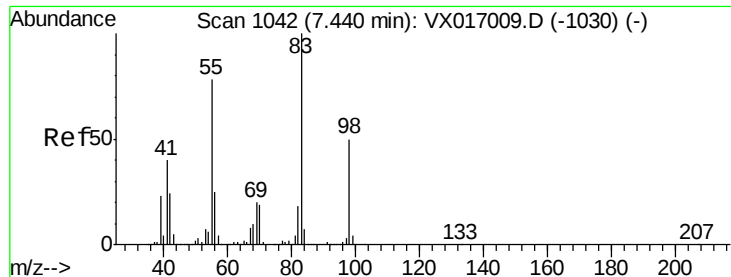
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#38
Carbon Tetrachloride
Concen: 19.496 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.4	113.0
121	29.3	23.8	35.6





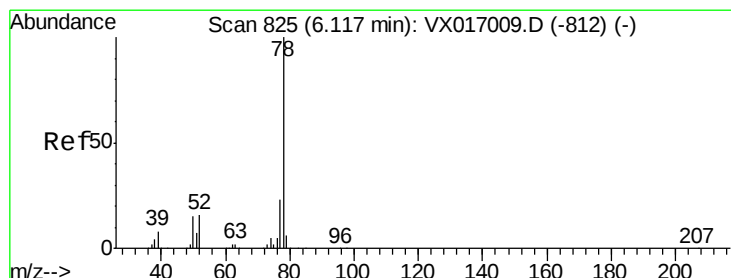
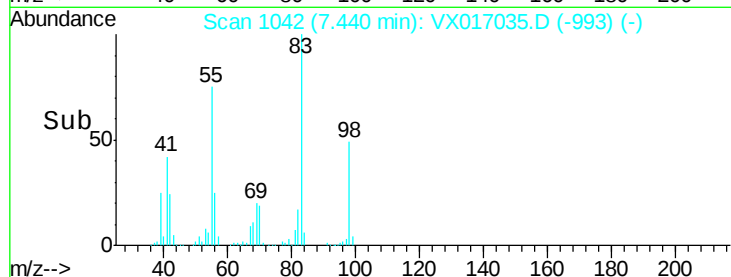
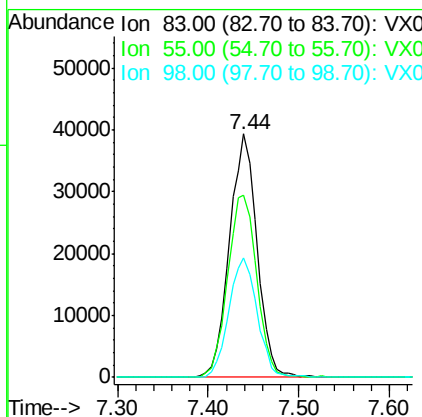
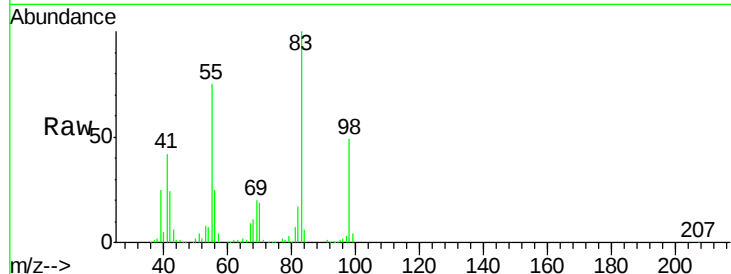
#39
Methylvlcyclohexane
Concen: 18.721 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.9	62.5	93.7
98	49.0	40.1	60.1

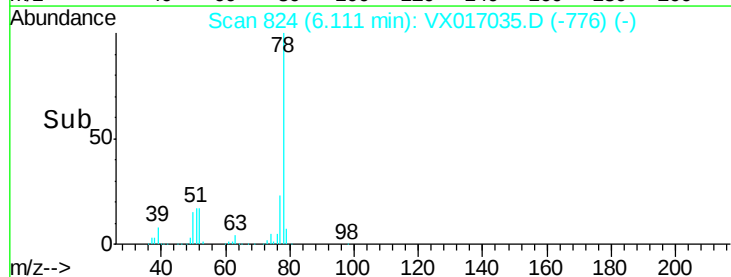
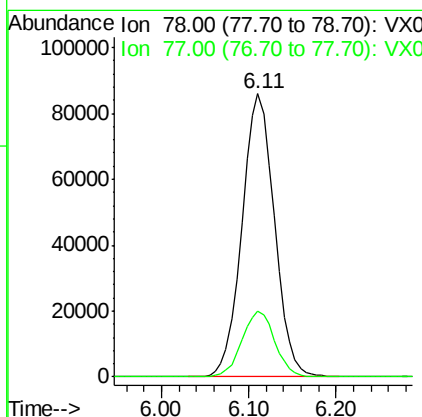
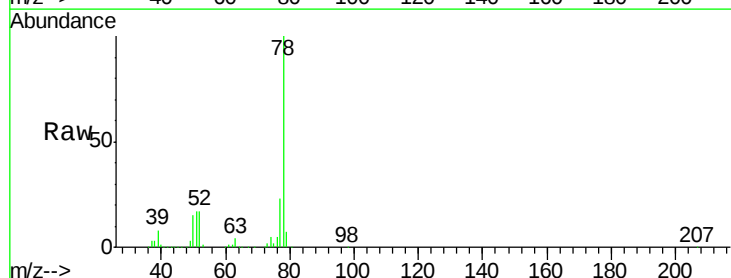
Manual Integrations
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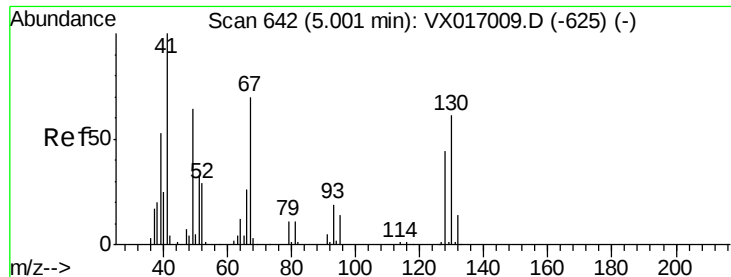
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#40
Benzene
Concen: 18.864 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.3	27.5





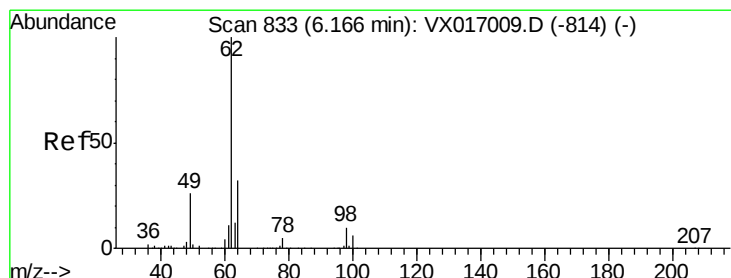
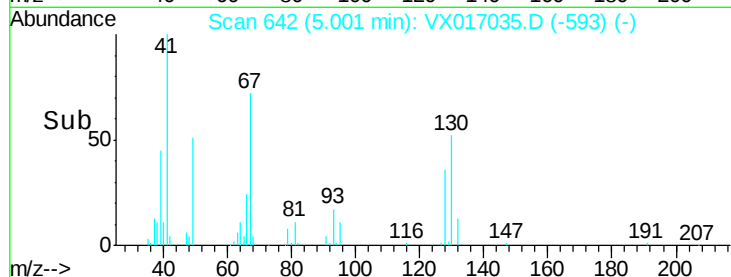
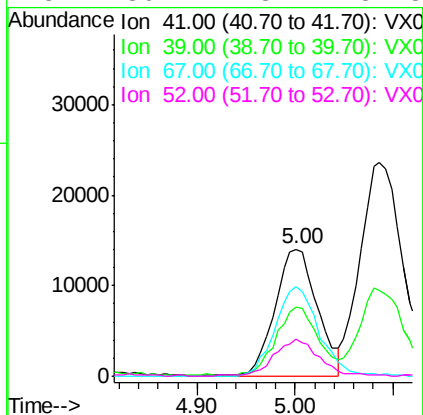
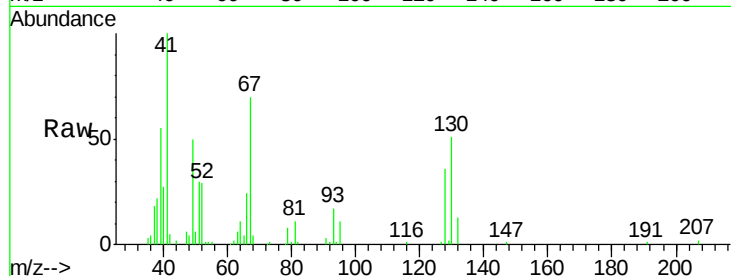
#41
Methacrylonitrile
Concen: 18.732 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Instrument :
MSVOA_X
ClientSampled :
VX0630WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.7	44.4	66.6	
67	72.4	57.1	85.7	
52	30.4	23.2	34.8	

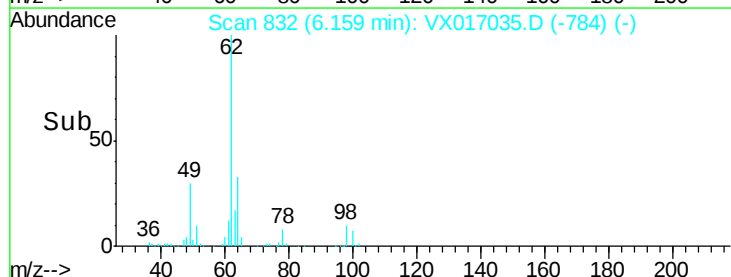
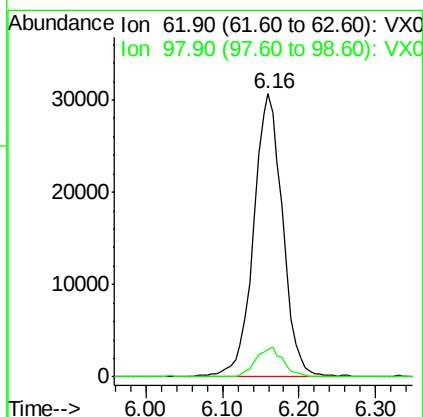
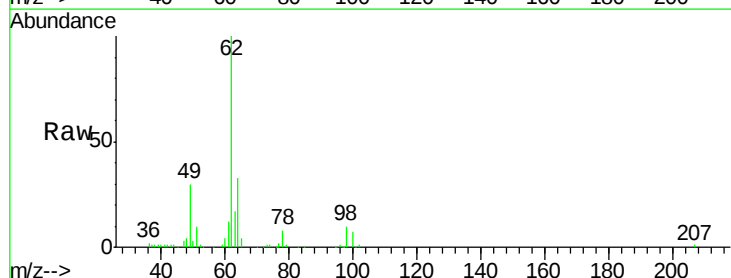
Manual Integrations
APPROVED

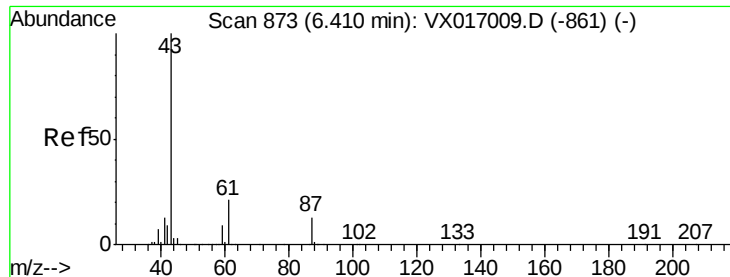
MMDadoda
7/1/2020 10:49:17 AM



#42
1,2-Dichloroethane
Concen: 19.179 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	19.2	





#43

Isopropyl Acetate

Concen: 18.416 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Instrument :

MSVOA_X

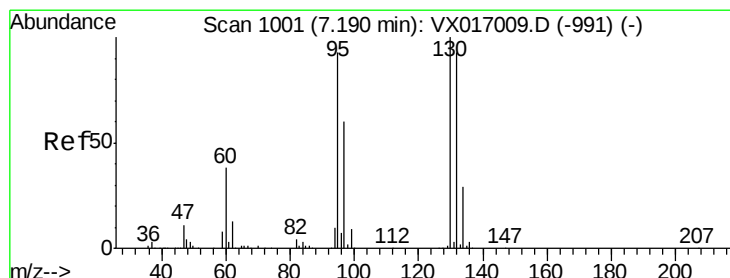
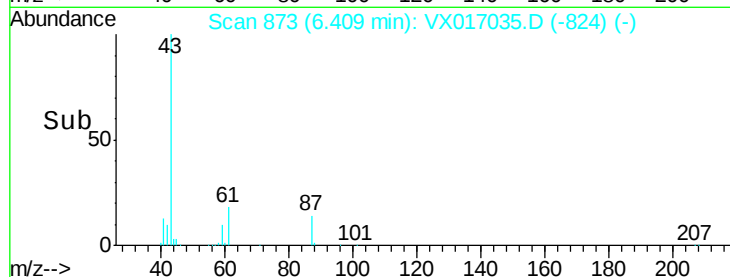
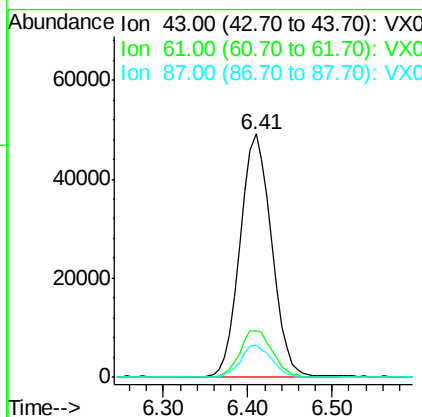
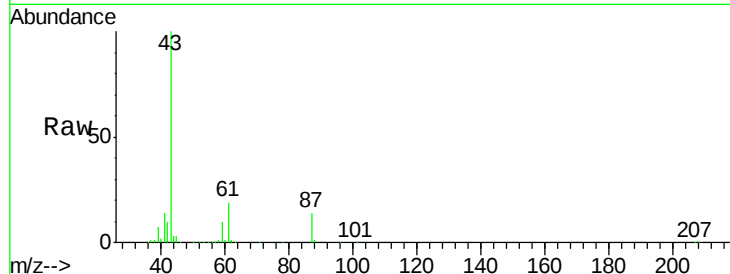
ClientSampleId :

VX0630WBSD01

Tot Ion:	43	Resp:	123948
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.2	24.2
87	13.1	10.7	16.1

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#44

Trichloroethene

Concen: 19.668 ug/l

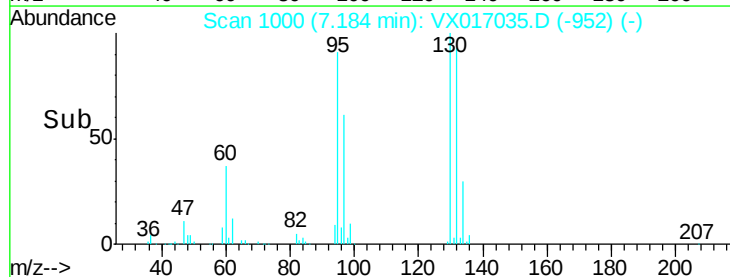
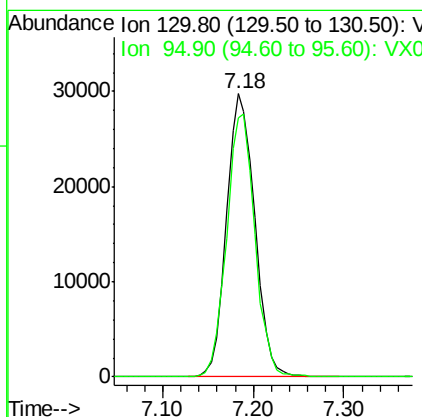
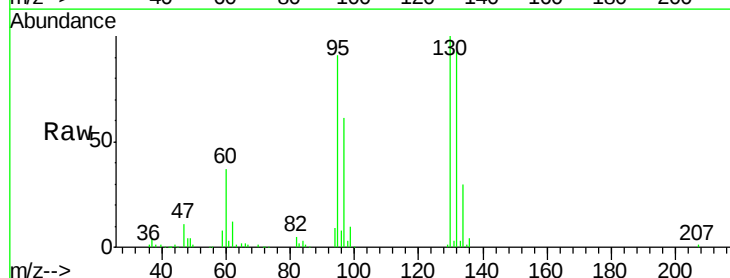
RT: 7.18 min Scan# 1000

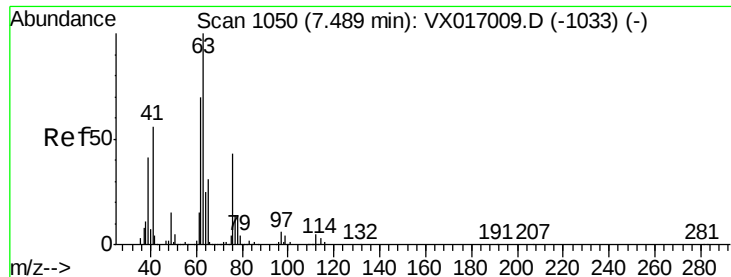
Delta R.T. -0.01 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Tgt Ion:	130	Resp:	64267
Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	185.0





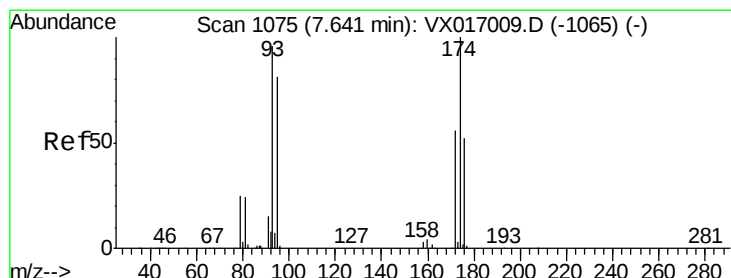
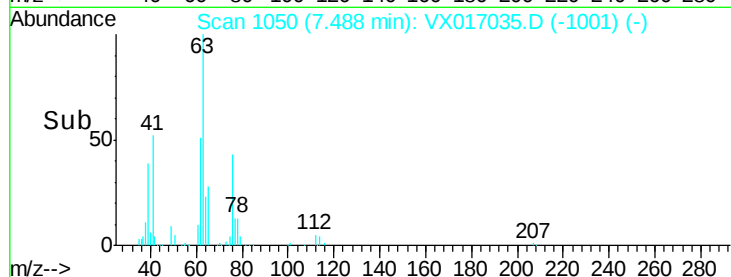
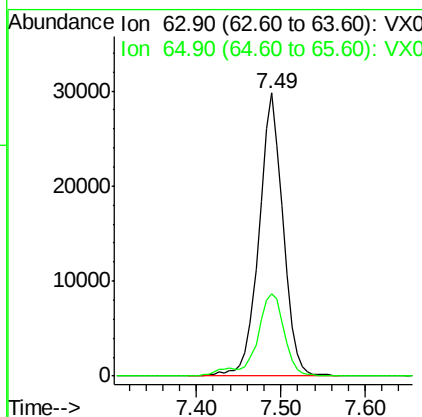
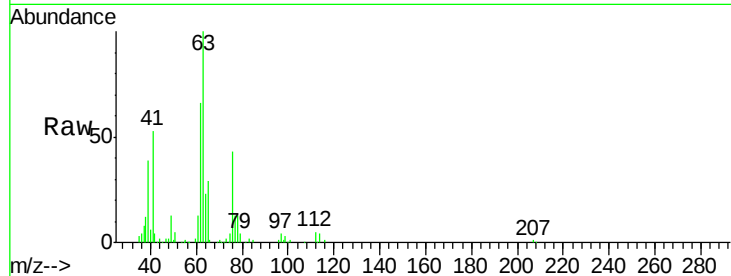
#45
 1,2-Dichloropropane
 Concen: 19.420 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017035.D
 Acq: 30 Jun 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.3	24.6	36.8

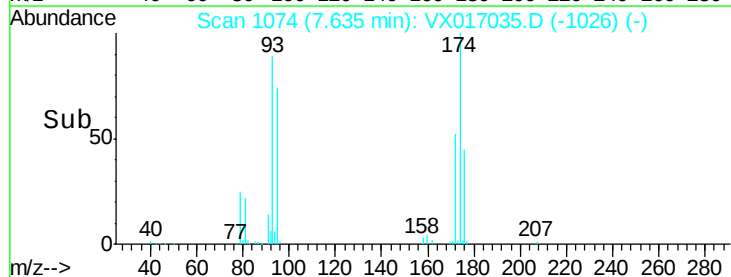
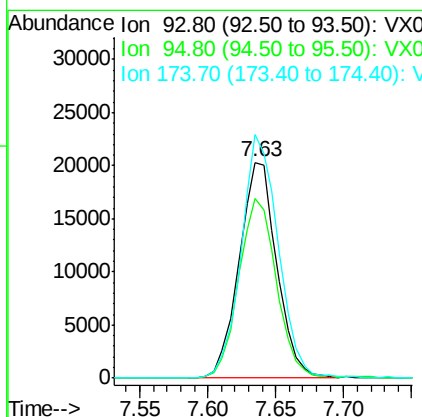
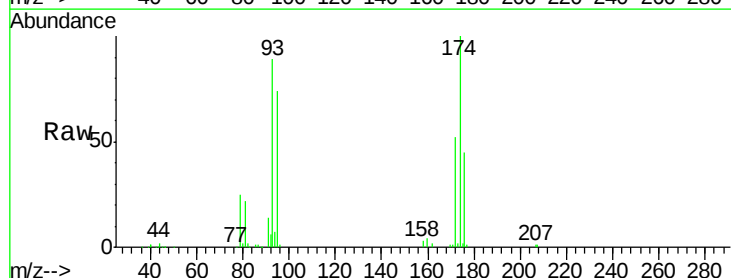
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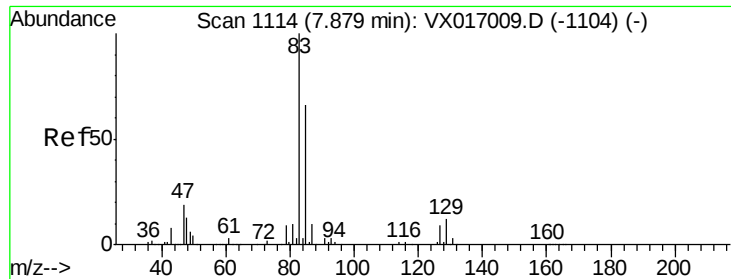
MMDadoda
 7/1/2020 10:49:17 AM



#46
 Dibromomethane
 Concen: 19.185 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017035.D
 Acq: 30 Jun 2020 11:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	67.4	101.0
174	110.6	84.3	126.5





#47

Bromodichloromethane

Concen: 19.082 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Instrument :

MSVOA_X

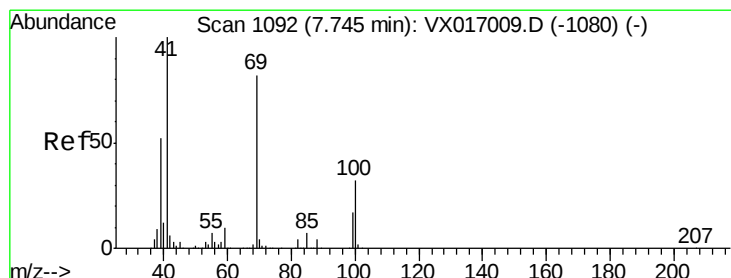
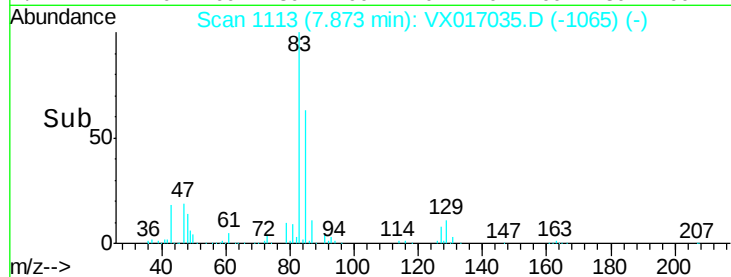
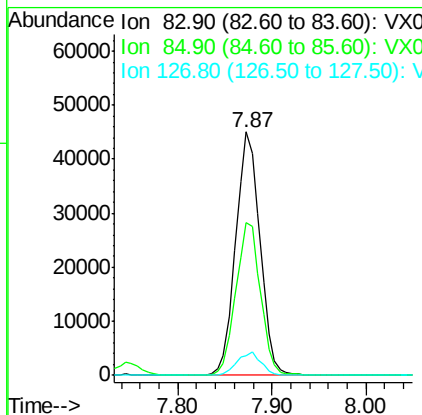
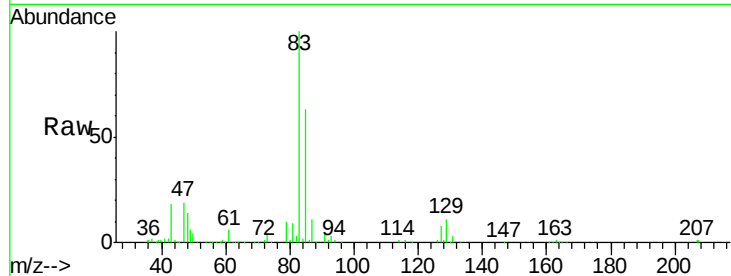
ClientSampleId :

VX0630WBSD01

Tot Ion:	83	Resp:	80878
Ion	Ratio	Lower	Upper
83	100		
85	62.6	53.0	79.4
127	8.2	7.5	11.3

Manual Integrations
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MMDadoda
7/1/2020 10:49:17 AM



#48

Methyl methacrylate

Concen: 18.418 ug/l

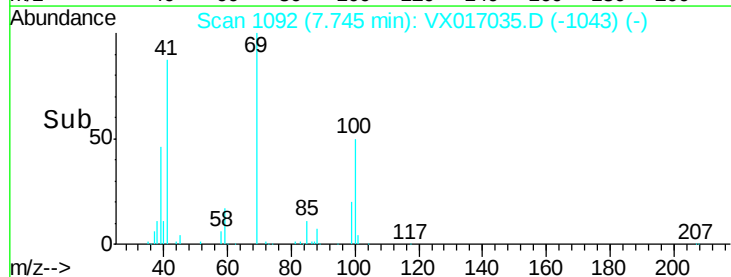
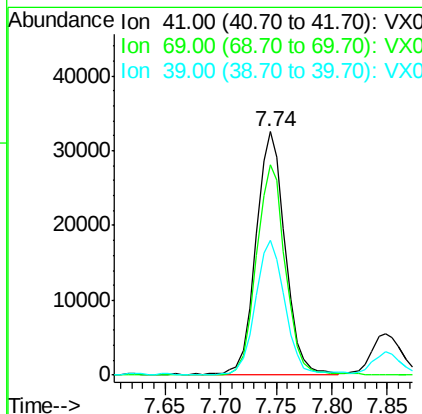
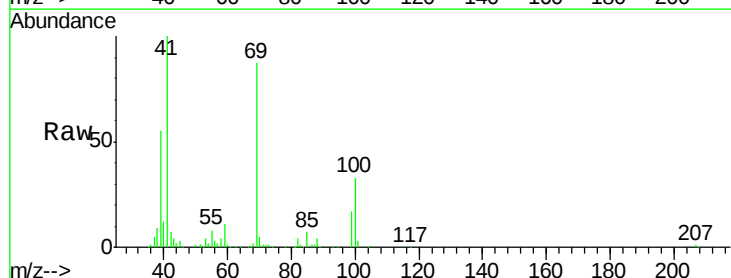
RT: 7.74 min Scan# 1092

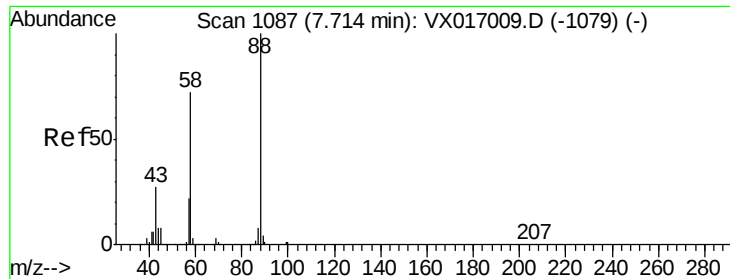
Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Tgt Ion:	41	Resp:	58894
Ion	Ratio	Lower	Upper
41	100		
69	86.7	65.8	98.8
39	57.5	42.5	63.7





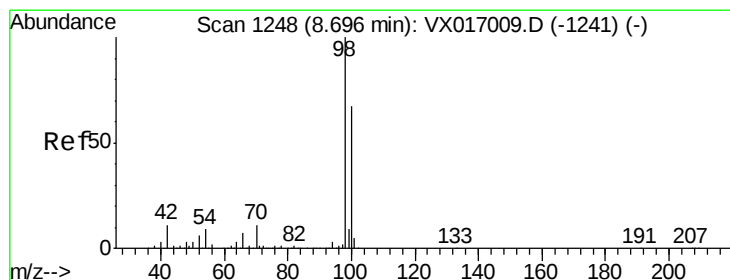
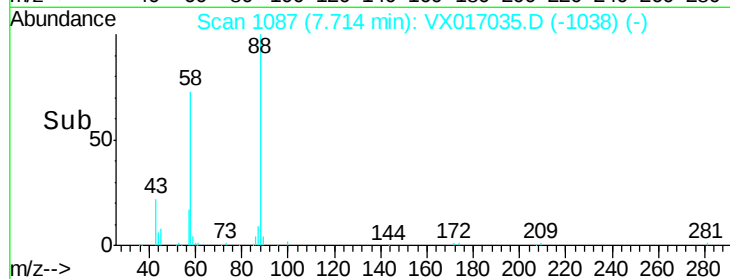
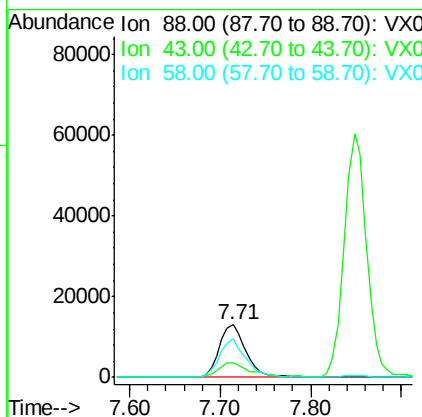
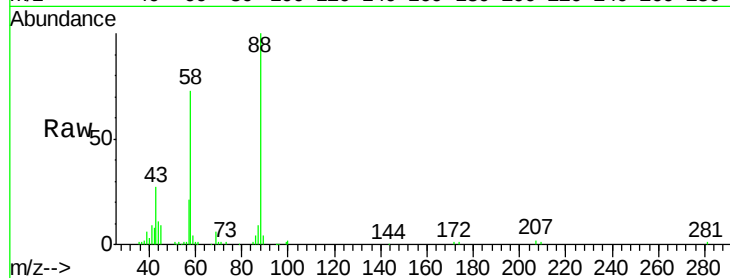
#49
1,4-Dioxane
Concen: 373.420 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.4	25.8	38.8
58	72.4	54.8	82.2

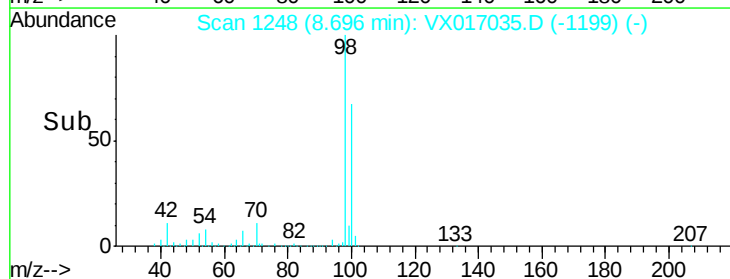
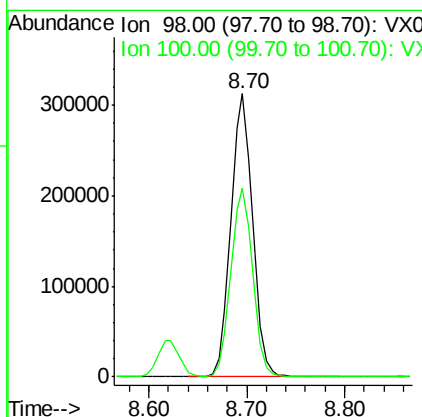
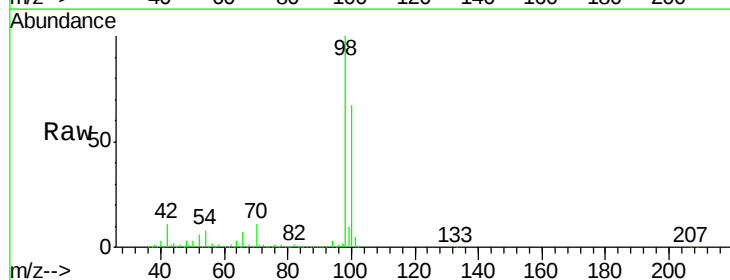
Manual Integrations
APPROVED

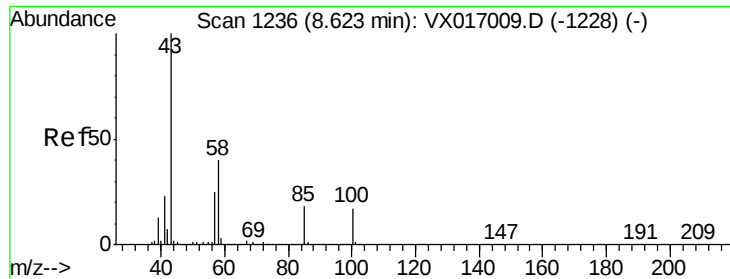
MMDadoda
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#50
Toluene-d8
Concen: 48.753 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 95.001 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Instrument :

MSVOA_X

ClientSampled :

VX0630WBSD01

Tot Ion: 43 Resp: 381148

Ion Ratio Lower Upper

43 100

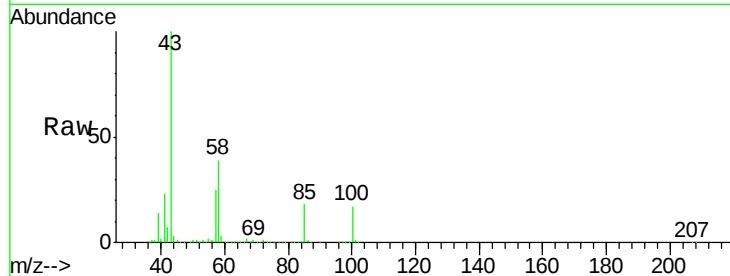
58 39.8 31.9 47.9

Manual Integrations

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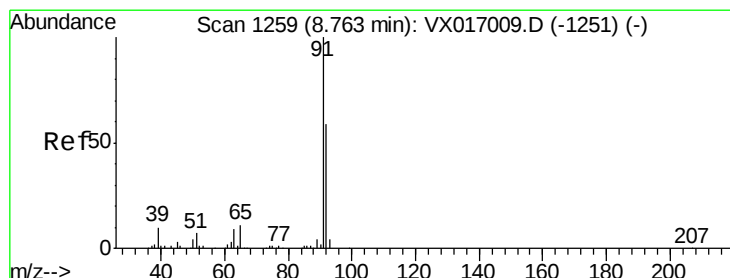
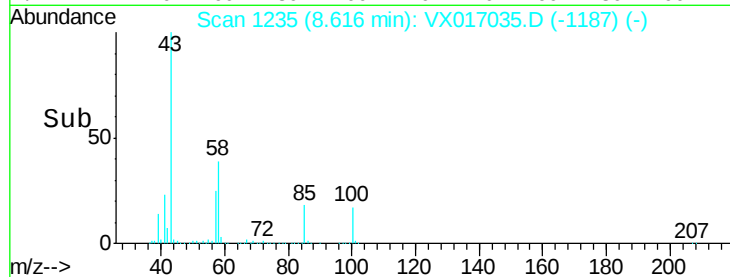
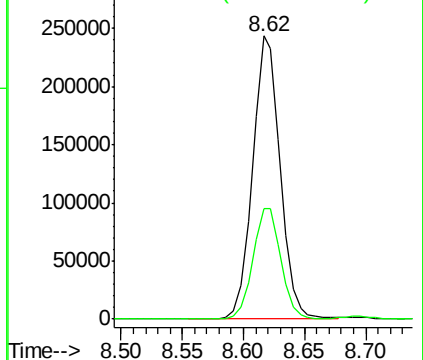
MMDadoda

7/1/2020 10:49:17 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.129 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017035.D

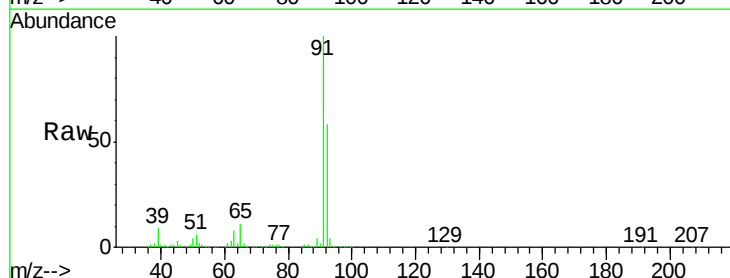
Acq: 30 Jun 2020 11:29

Tgt Ion: 92 Resp: 140086

Ion Ratio Lower Upper

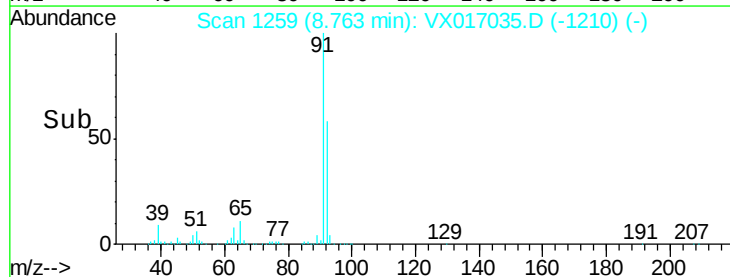
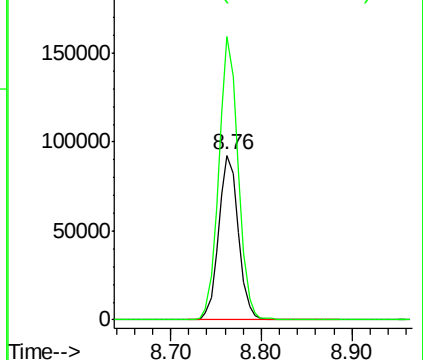
92 100

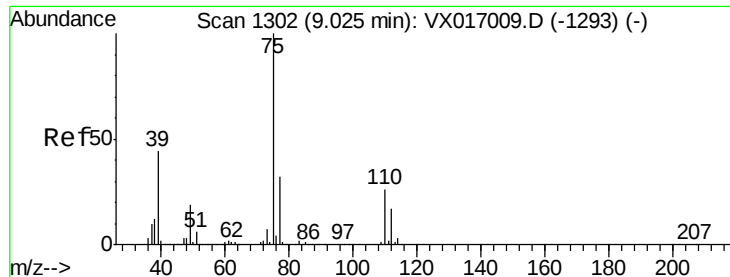
91 169.7 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





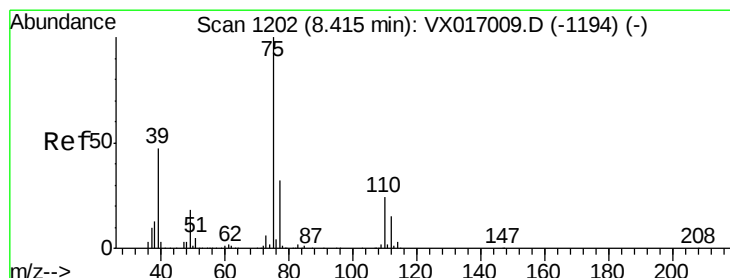
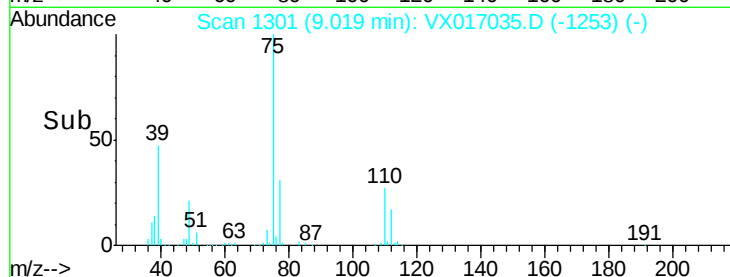
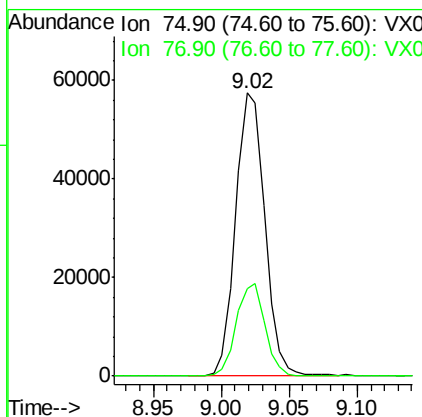
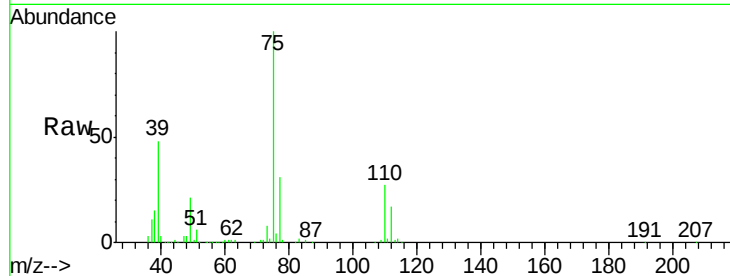
#53
t-1,3-Dichloropropene
Concen: 18.419 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD01

Tot Ion: 75 Resp: 86136
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4

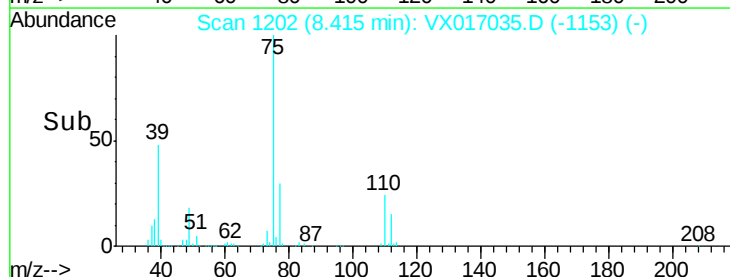
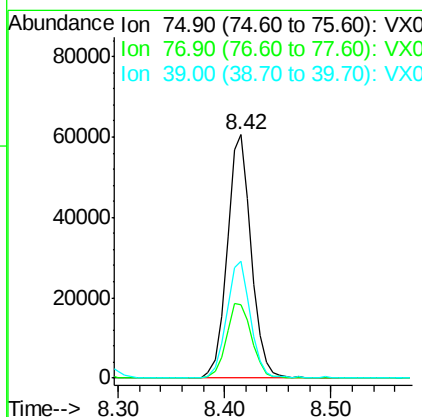
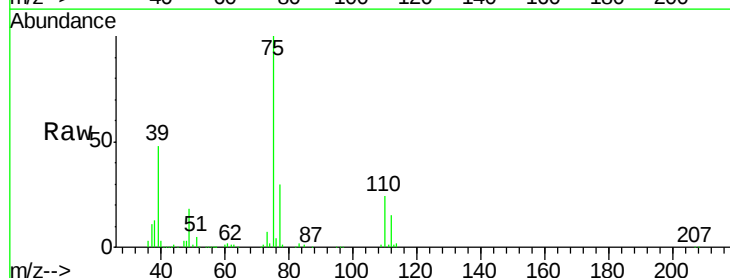
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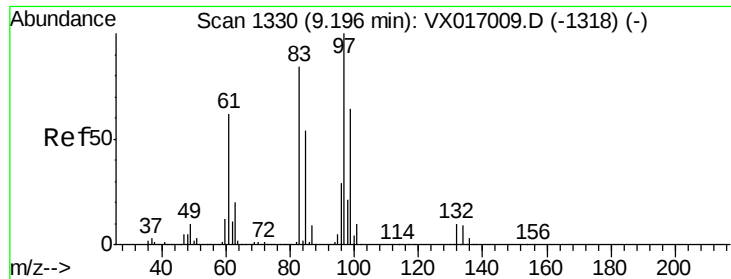
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#54
cis-1,3-Dichloropropene
Concen: 19.004 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Tgt Ion: 75 Resp: 95269
Ion Ratio Lower Upper
75 100
77 30.1 25.2 37.8
39 47.8 37.4 56.2





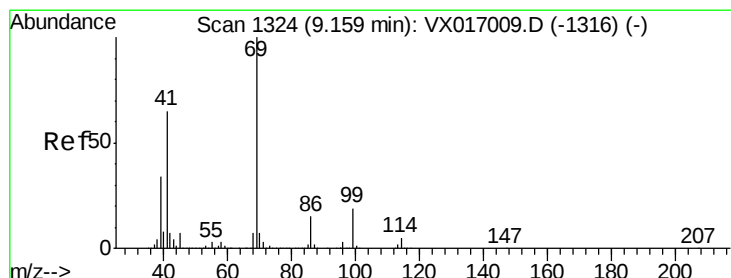
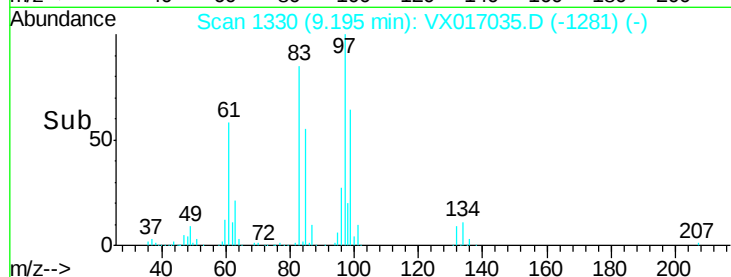
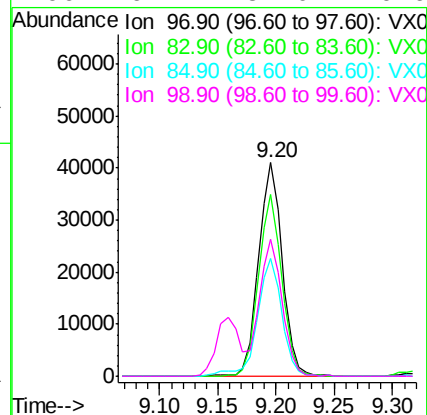
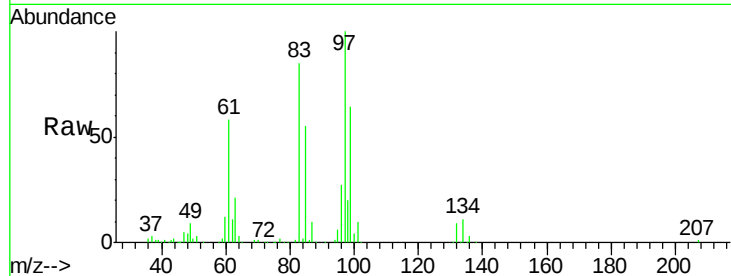
#55
 1,1,2-Trichloroethane
 Concen: 19.502 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017035.D
 Acq: 30 Jun 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		58351		
83	85.1	67.0	100.6		
85	55.1	43.5	65.3		
99	64.2	51.0	76.6		

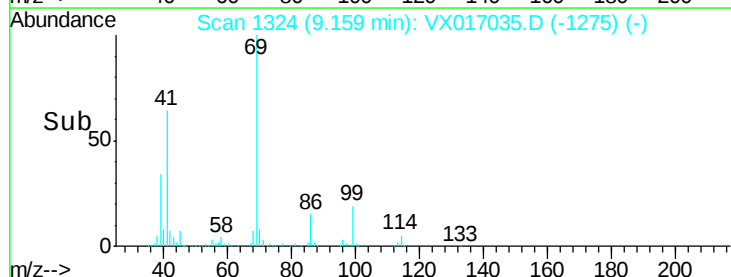
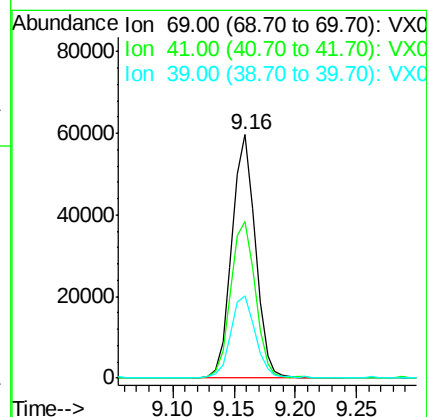
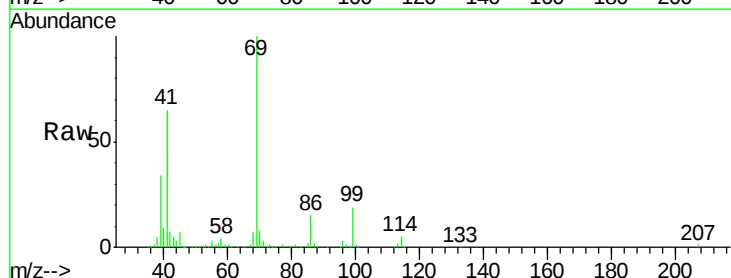
Manual Integrations
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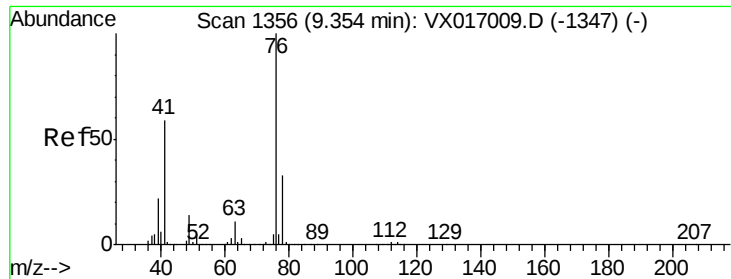
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 7/1/2020 10:49:17 AM



#56
 Ethyl methacrylate
 Concen: 18.678 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017035.D
 Acq: 30 Jun 2020 11:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		79540		
41	66.7	53.6	80.4		
39	35.3	28.2	42.2		





#57

1,3-Dichloropropane

Concen: 18.955 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Instrument :

MSVOA_X

ClientSampled :

VX0630WBSD01

Tot Ion: 76 Resp: 95965

Ion Ratio Lower Upper

76 100

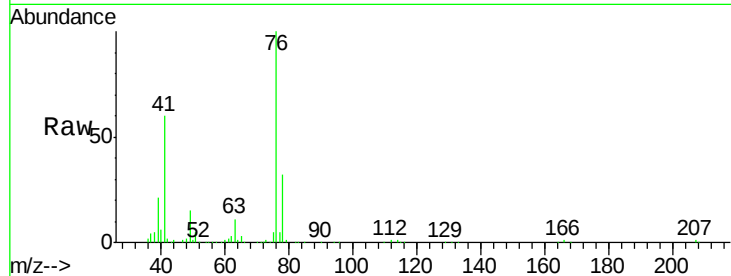
78 33.0 25.9 38.9

Manual Integrations

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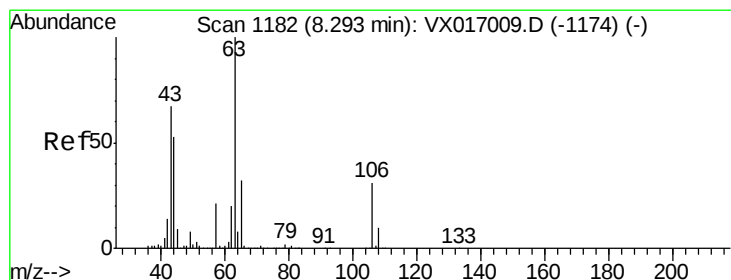
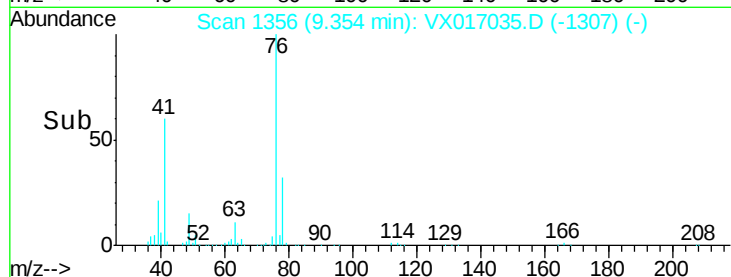
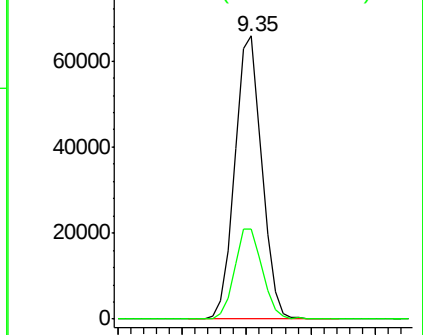
MMDadoda

7/1/2020 10:49:17 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 100.942 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017035.D

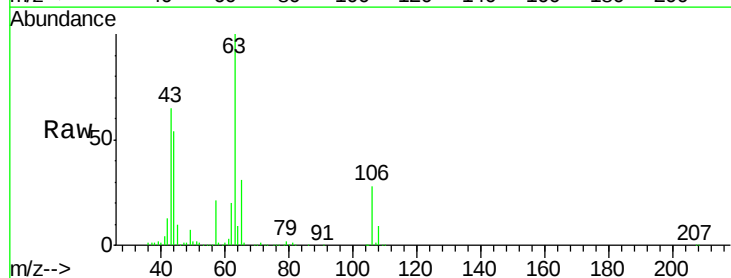
Acq: 30 Jun 2020 11:29

Tgt Ion: 63 Resp: 213941

Ion Ratio Lower Upper

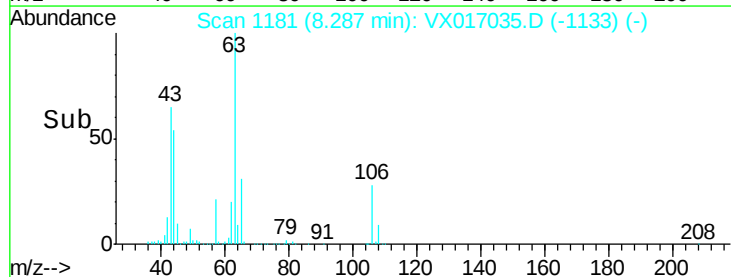
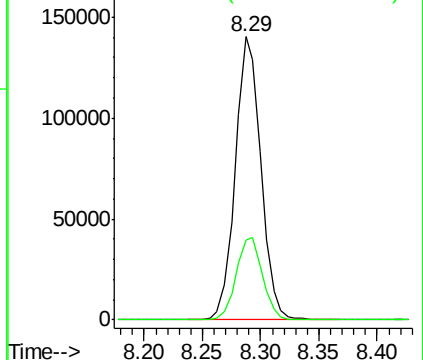
63 100

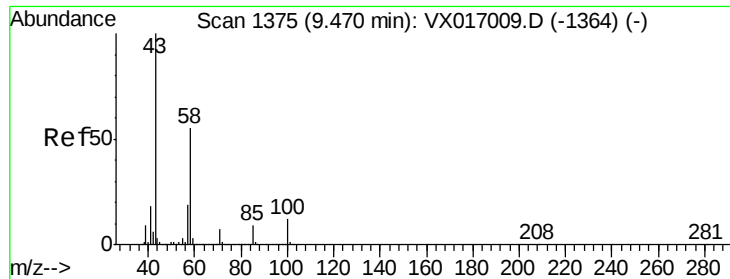
106 30.3 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





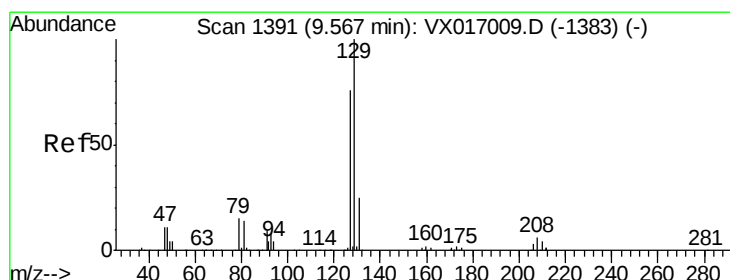
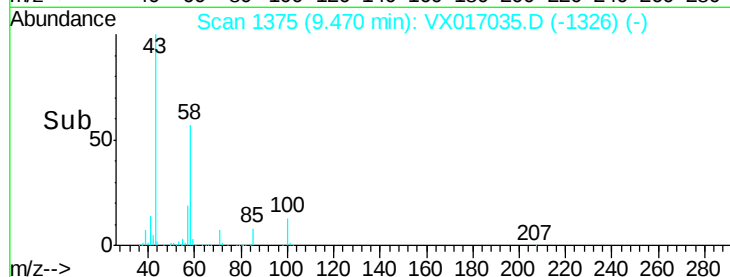
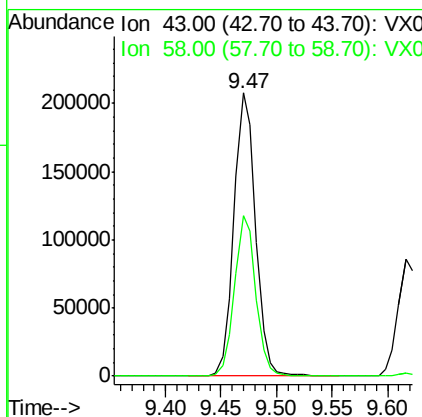
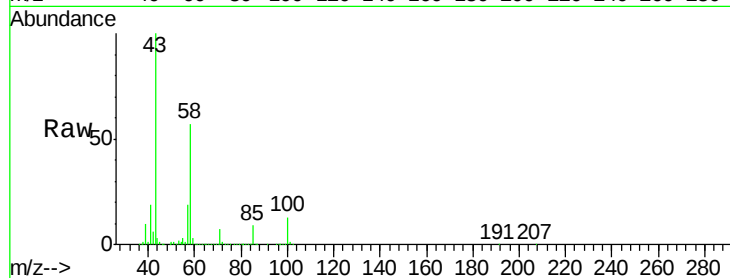
#59
2-Hexanone
Concen: 95.625 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.6	27.9	83.6

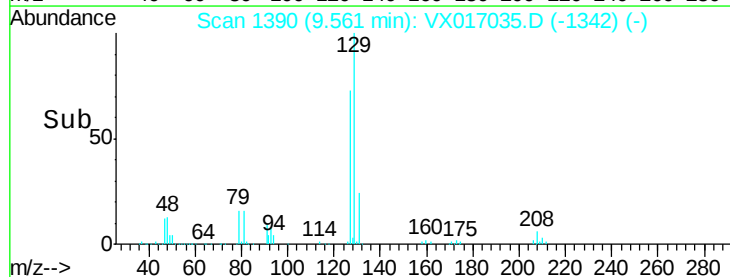
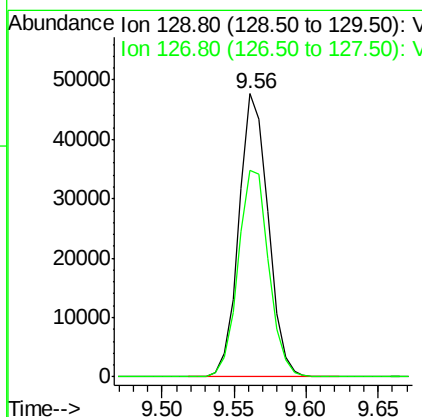
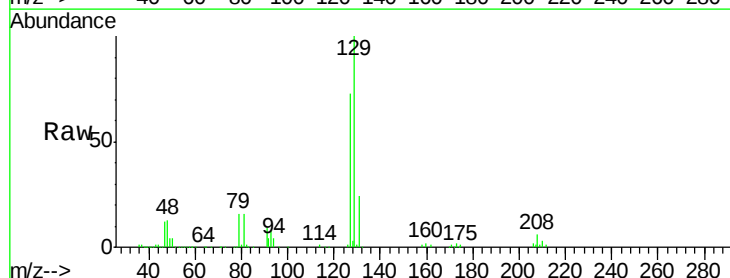
Manual Integrations
APPROVED

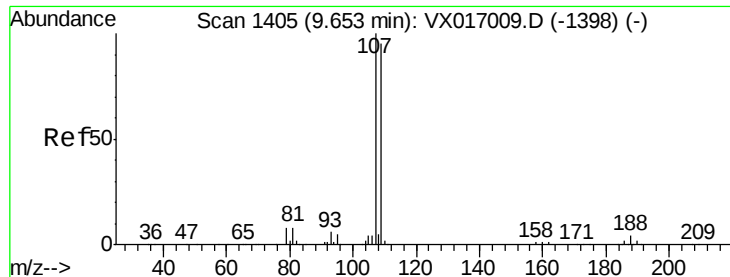
MMDadoda
7/1/2020 10:49:17 AM



#60
Dibromochloromethane
Concen: 19.384 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.4	38.9	116.7





#61

1,2-Dibromoethane

Concen: 19.361 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD01

Tot Ion:107 Resp: 62266

Ion Ratio Lower Upper

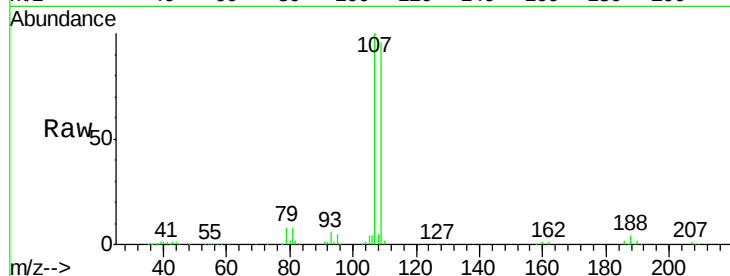
107 100

109 94.1 75.8 113.8

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7/1/2020 10:49:17 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

50000

40000

30000

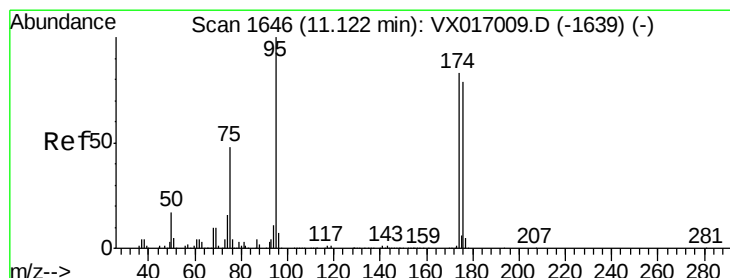
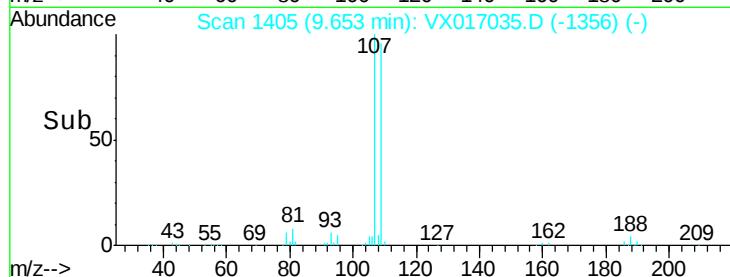
20000

10000

0

Time-->

9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.548 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

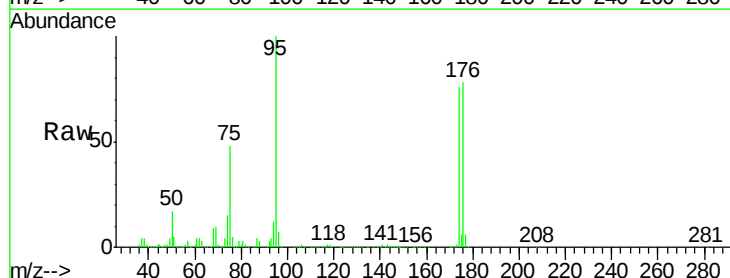
Tgt Ion: 95 Resp: 183640

Ion Ratio Lower Upper

95 100

174 79.8 0.0 164.0

176 79.2 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

200000

150000

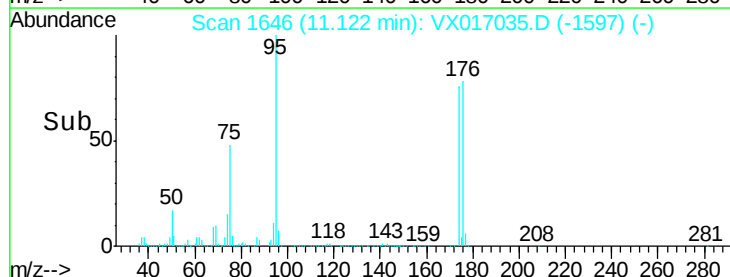
100000

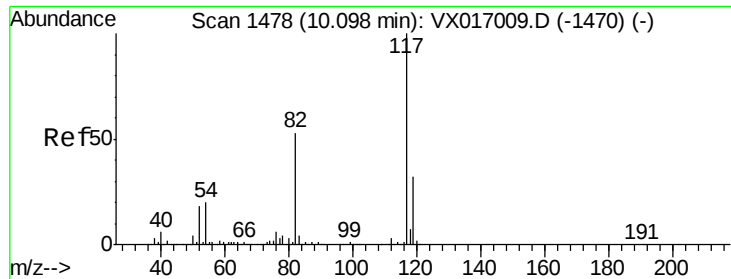
50000

0

Time-->

11.10 11.20





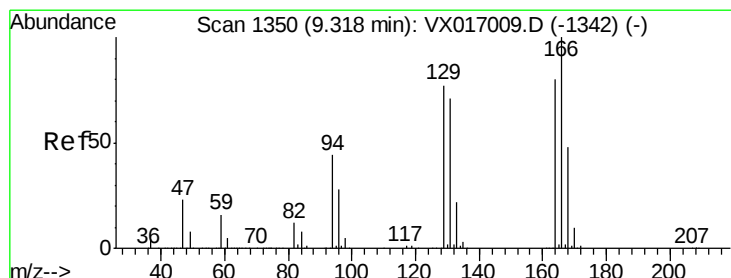
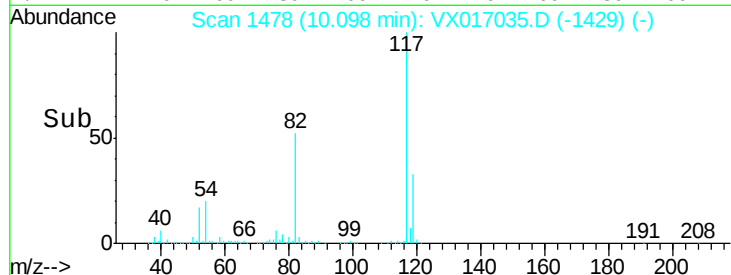
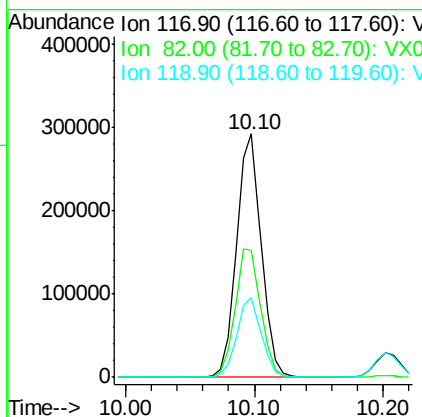
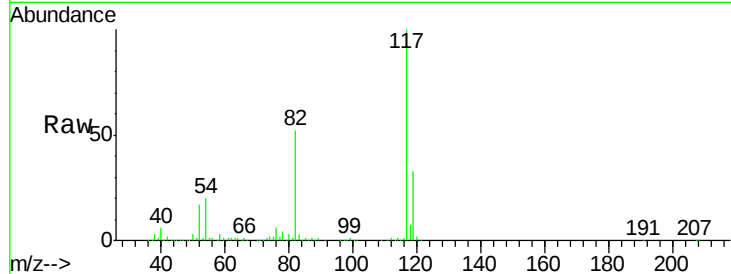
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	52.3	42.6	63.8
119	32.9	25.4	38.2

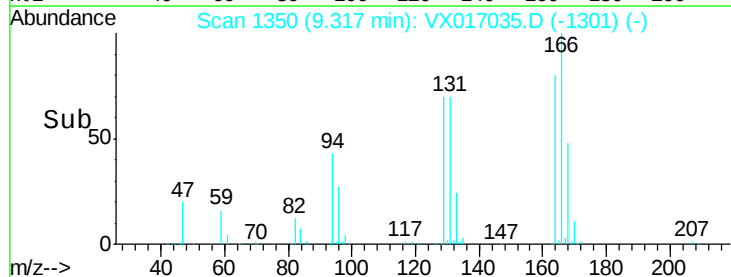
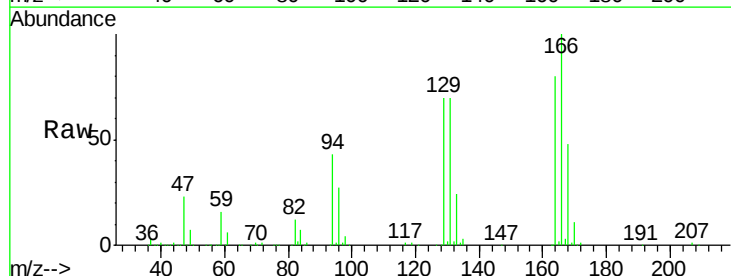
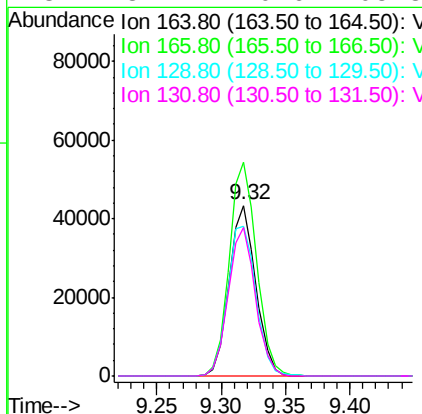
Manual Integrations
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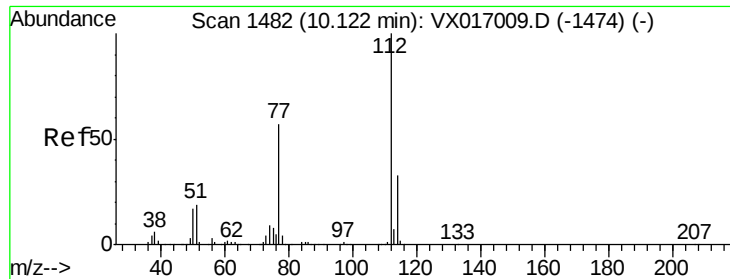
MMDadoda
7/1/2020 10:49:17 AM



#64
Tetrachloroethene
Concen: 20.037 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	125.2	99.4	149.0
129	87.4	76.3	114.5
131	87.1	70.6	105.8





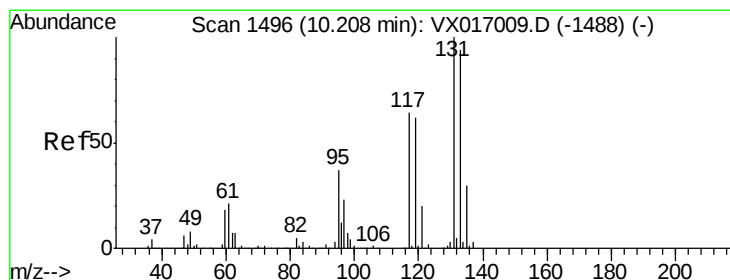
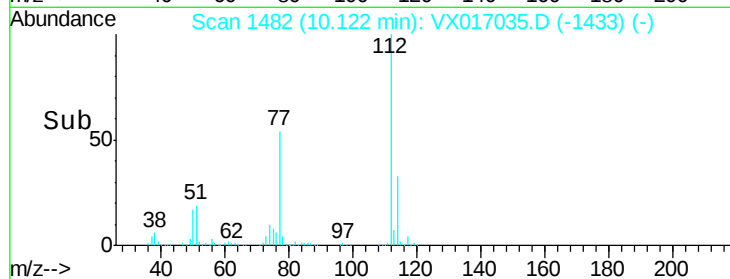
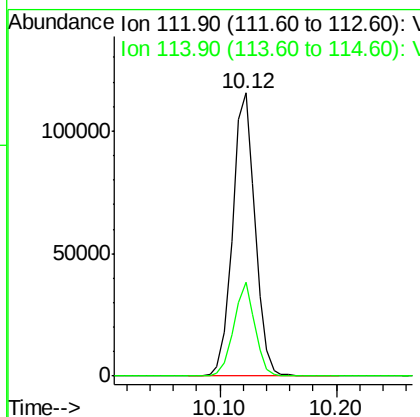
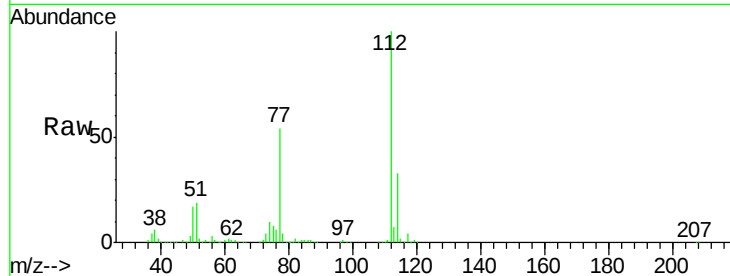
#65
Chlorobenzene
Concen: 19.353 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Instrument :
MSVOA_X
ClientSampled :
VX0630WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	26.2	39.4

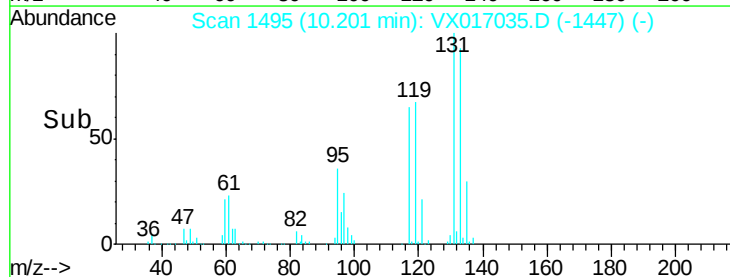
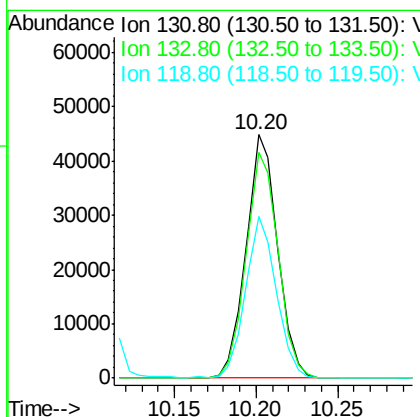
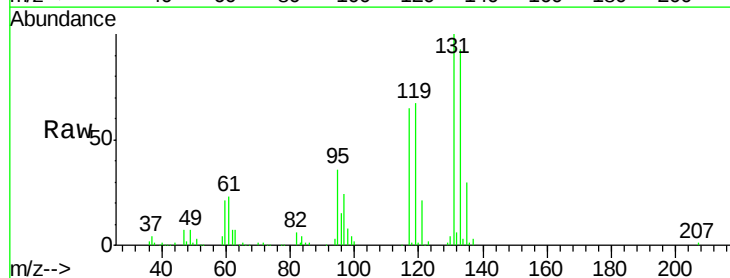
Manual Integrations
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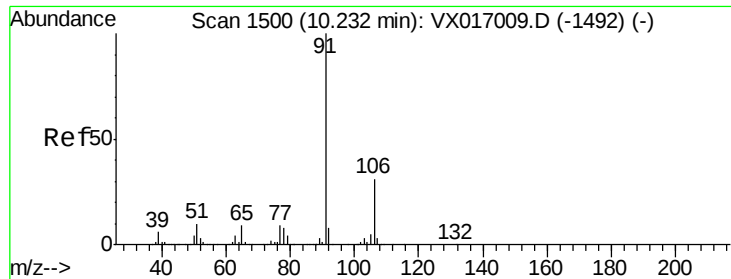
MMDadoda
7/1/2020 10:49:17 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.564 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.3	47.3	141.9
119	65.3	31.9	95.5





#67

Ethyl Benzene

Concen: 19.336 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Instrument :

MSVOA_X

ClientSampled :

VX0630WBSD01

Tot Ion: 91 Resp: 258962

Ion Ratio Lower Upper

91 100

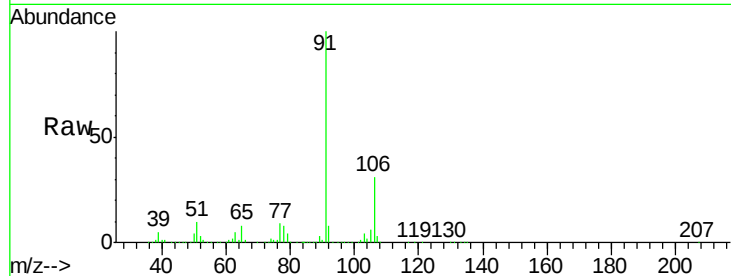
106 30.7 24.7 37.1

Manual Integrations

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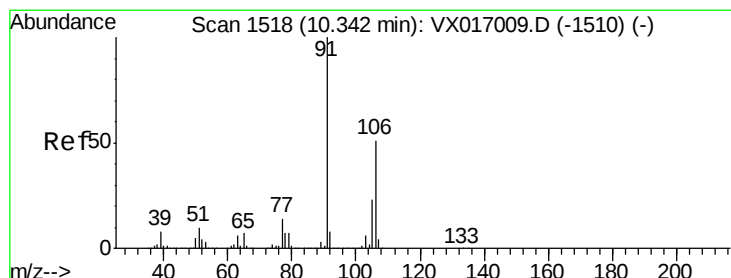
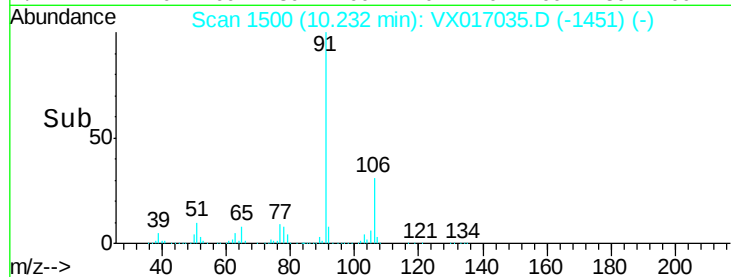
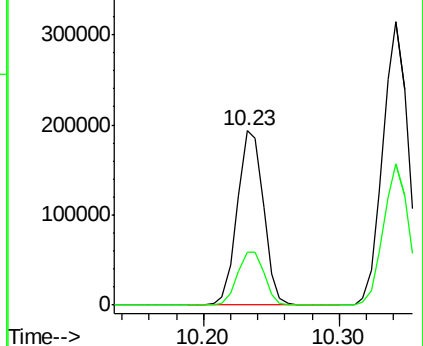
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.648 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017035.D

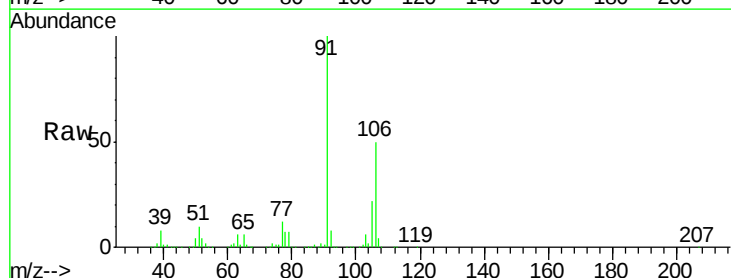
Acq: 30 Jun 2020 11:29

Tgt Ion: 106 Resp: 203888

Ion Ratio Lower Upper

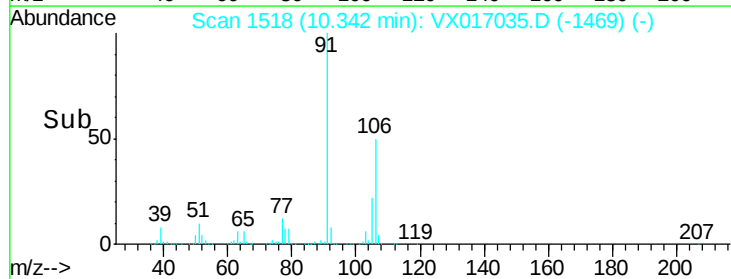
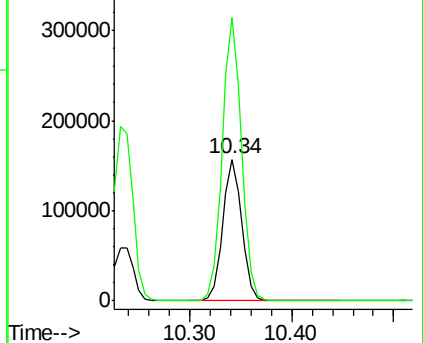
106 100

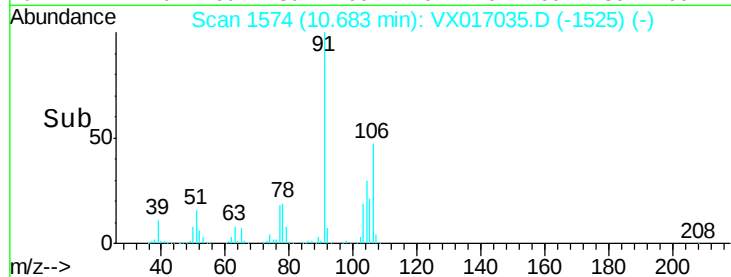
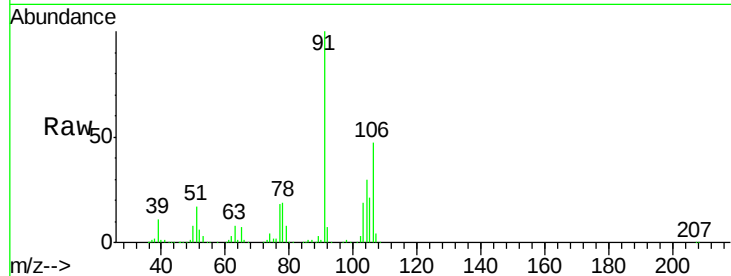
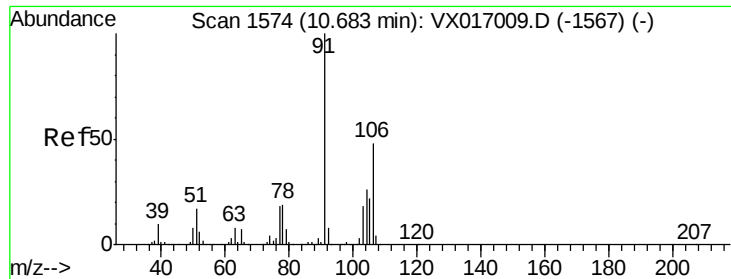
91 201.6 158.6 238.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





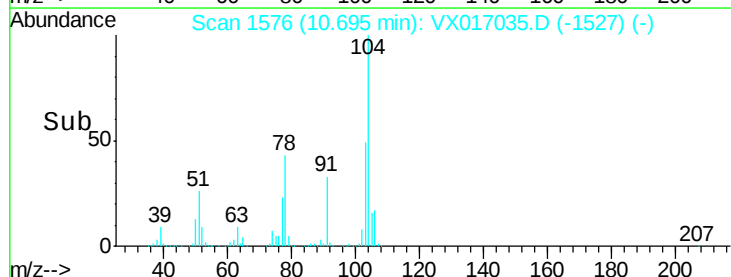
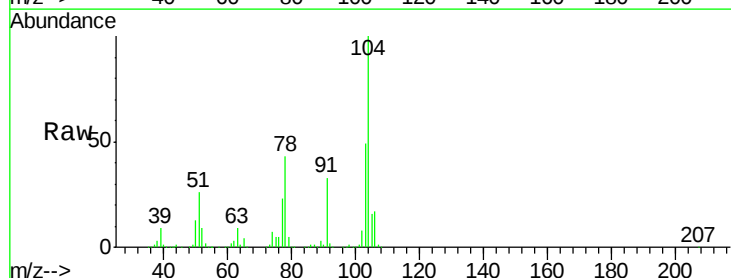
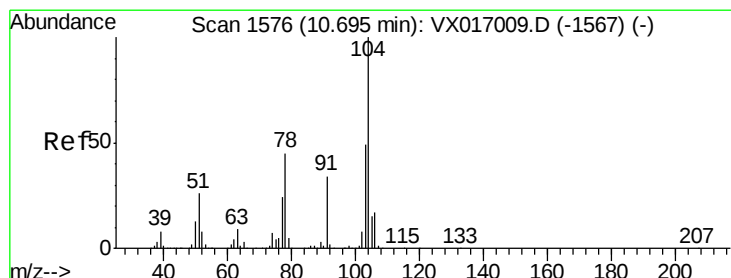
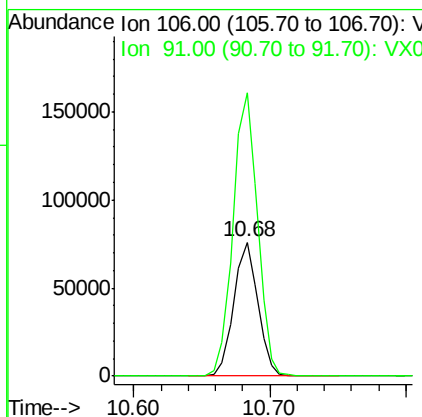
#69
o-Xylene
Concen: 19.235 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Tot Ion:106 Resp: 94099
Ion Ratio Lower Upper
106 100
91 214.4 105.6 316.7

Instrument :
MSVOA_X
ClientSampled :
VX0630WBSD01

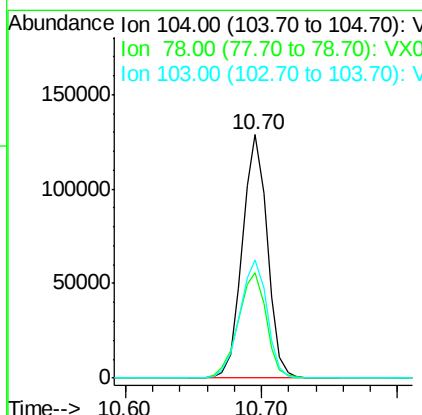
Manual Integrations
APPROVED

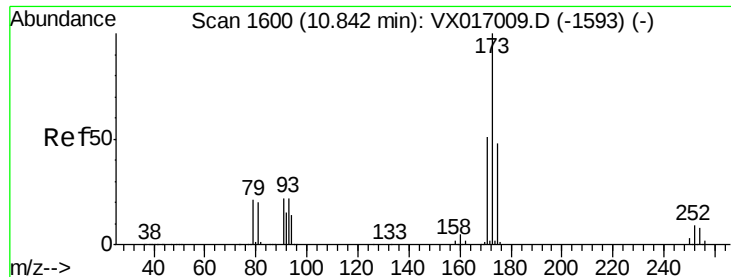
MMDadoda
7/1/2020 10:49:17 AM



#70
Styrene
Concen: 19.840 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Tgt Ion:104 Resp: 165273
Ion Ratio Lower Upper
104 100
78 49.1 39.5 59.3
103 53.4 43.0 64.6





#71

Bromoform

Concen: 19.978 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Instrument :

MSVOA_X

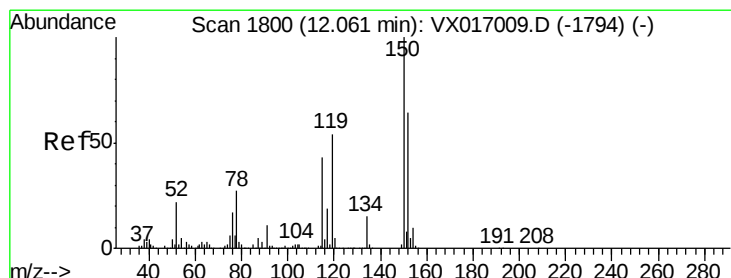
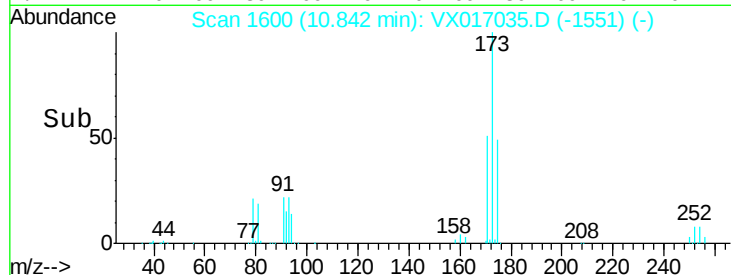
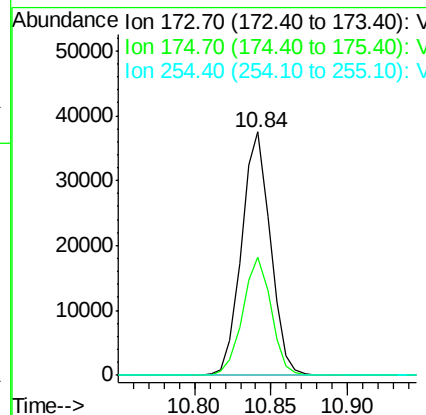
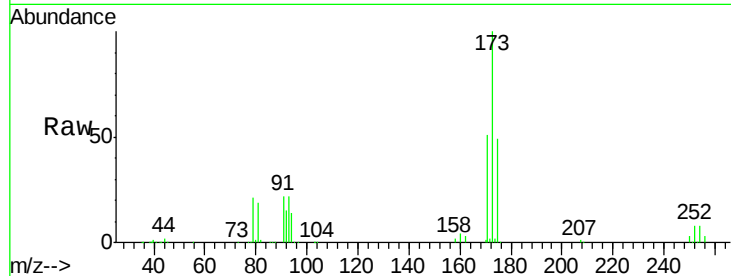
ClientSampleId :

VX0630WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.5	73.5
254	0.0	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

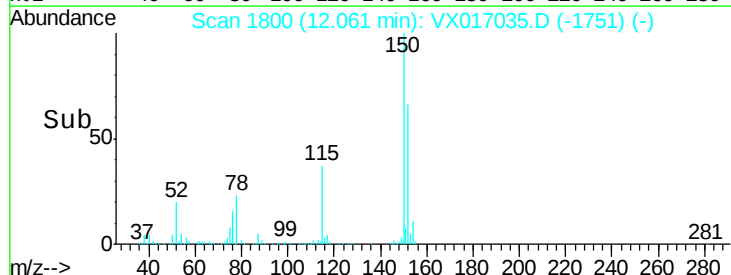
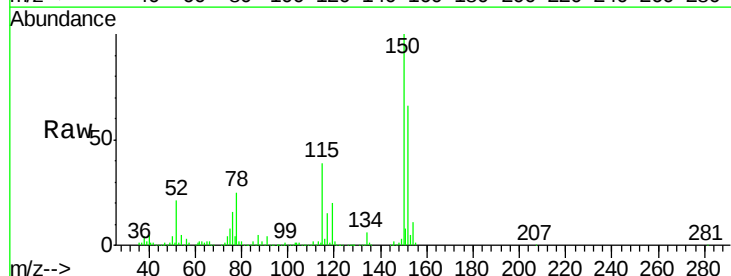
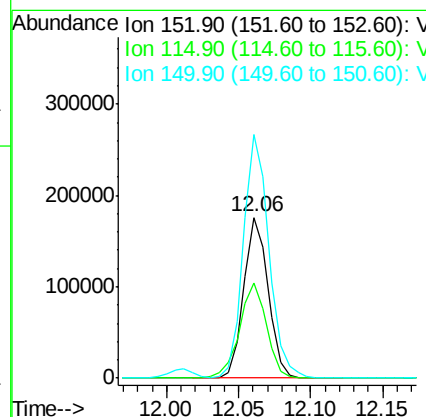
RT: 12.06 min Scan# 1800

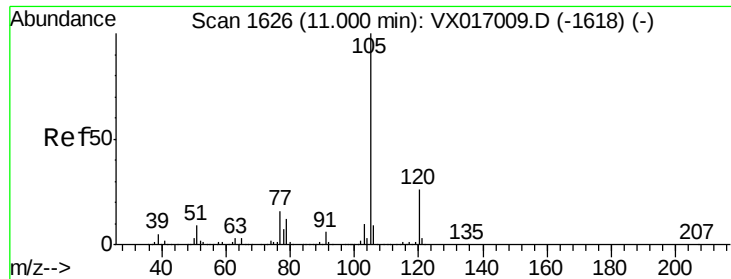
Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.8	40.9	122.7
150	159.2	0.0	351.6





#73

Isopropylbenzene

Concen: 18.923 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD01

Tot Ion: 105 Resp: 256279

Ion Ratio Lower Upper

105 100

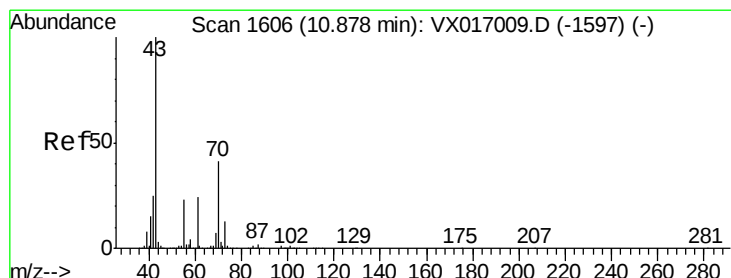
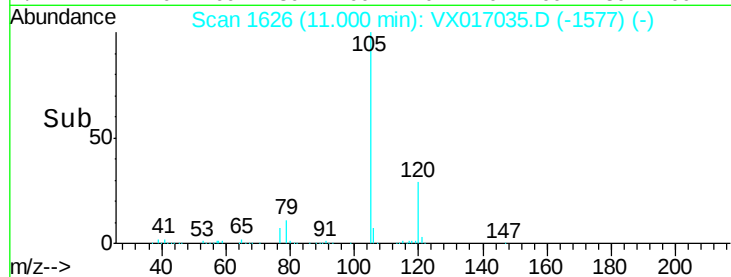
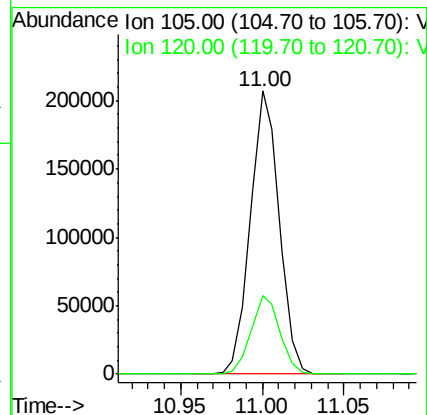
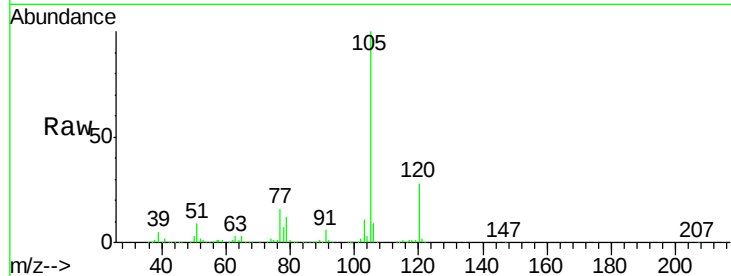
120 27.7 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.401 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Tgt Ion: 43 Resp: 106333

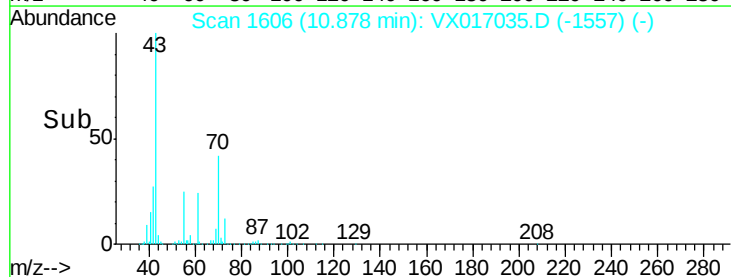
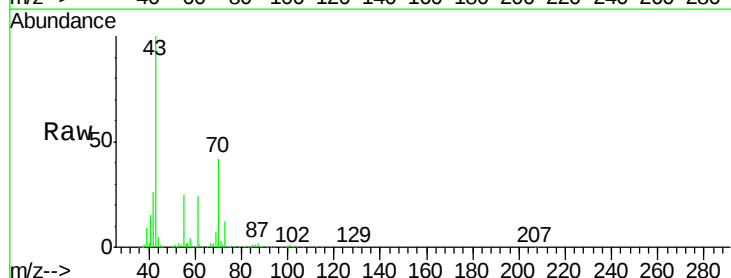
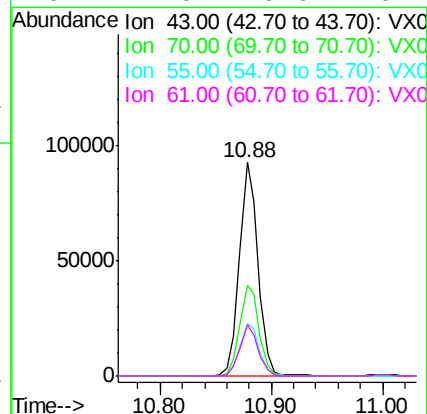
Ion Ratio Lower Upper

43 100

70 44.1 34.2 51.2

55 25.9 19.2 28.8

61 24.0 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.765 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Instrument :

MSVOA_X

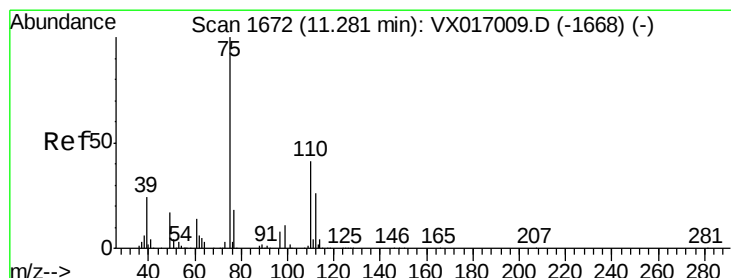
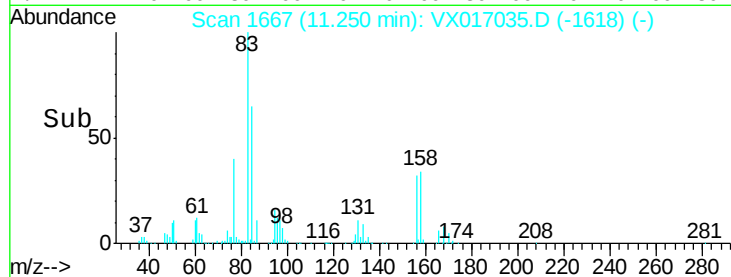
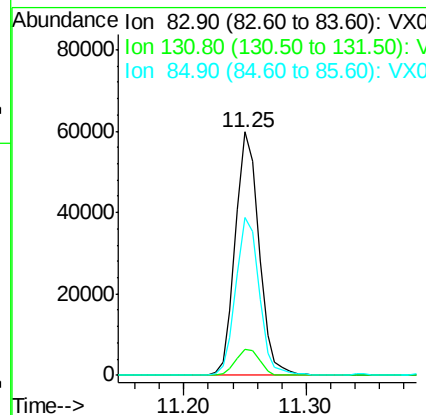
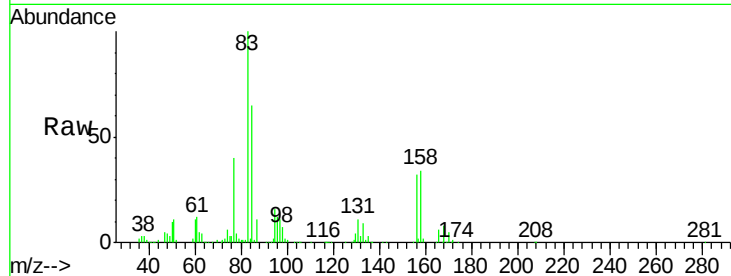
ClientSampleId :

VX0630WBSD01

Tot Ion:	83	Resp:	79941
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.4	16.2
85	64.4	31.9	95.9

Manual Integrations
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7/1/2020 10:49:17 AM



#76

1,2,3-Trichloropropane

Concen: 19.550 ug/l m

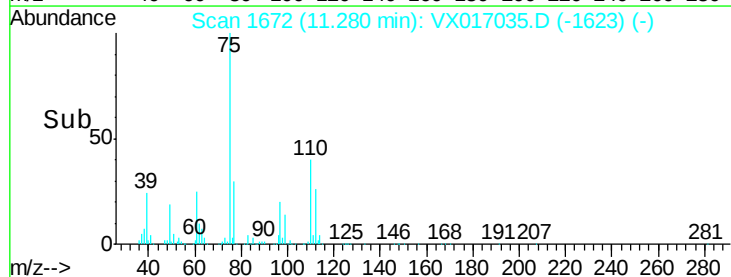
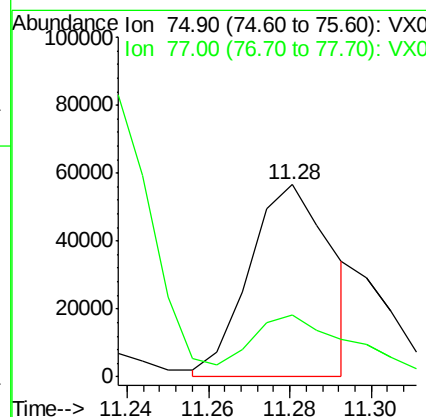
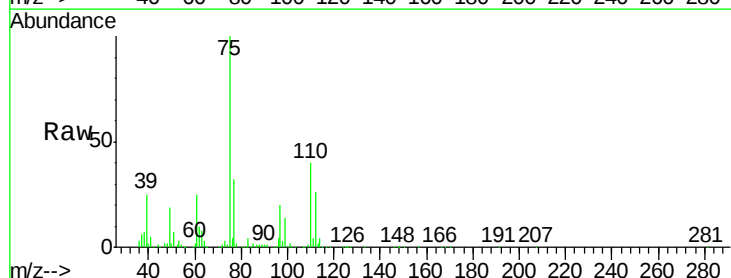
RT: 11.28 min Scan# 1672

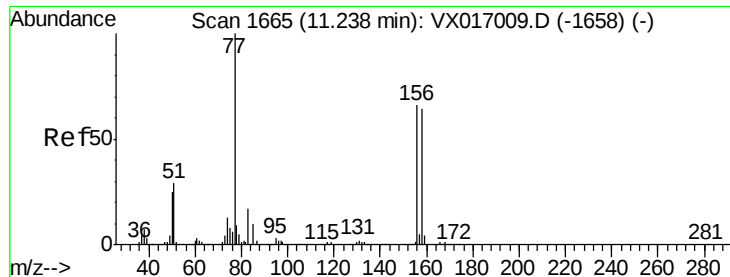
Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Tgt Ion:	75	Resp:	79485
Ion Ratio	Lower	Upper	
75	100		
77	39.8	20.2	60.6





#77

Bromobenzene

Concen: 18.424 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Instrument :

MSVOA_X

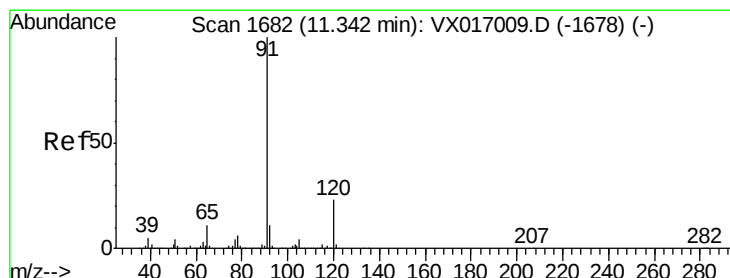
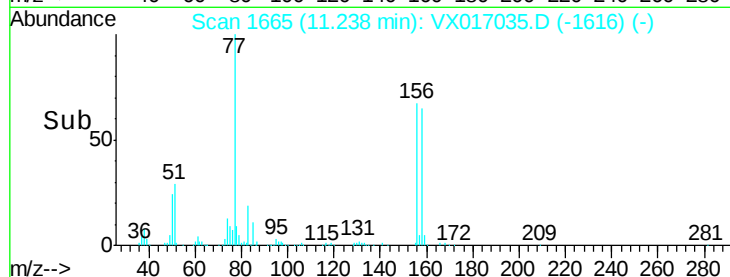
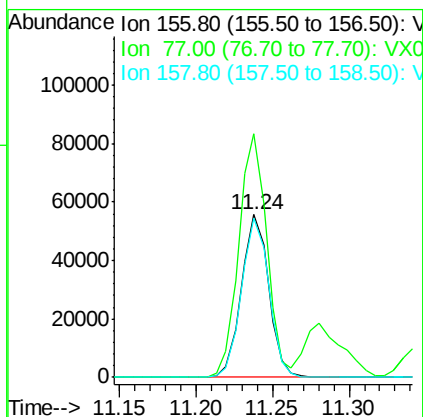
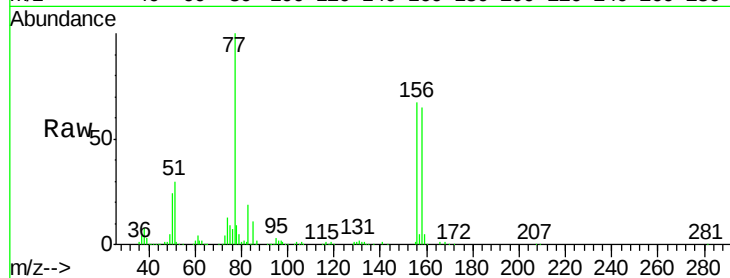
ClientSampleId :

VX0630WBSD01

Tot Ion:	156	Resp:	68575
Ion Ratio	Lower	Upper	
156	100		
77	154.2	76.9	230.7
158	98.6	47.9	143.6

Manual Integrations
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#78

n-propylbenzene

Concen: 19.003 ug/l

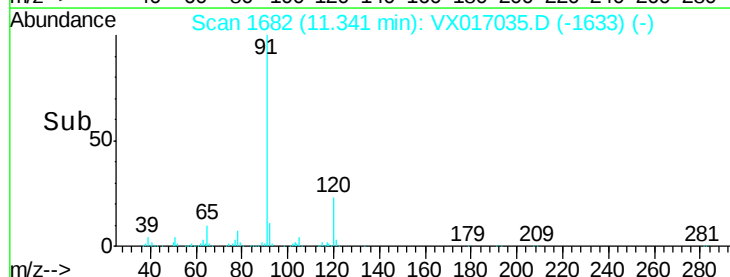
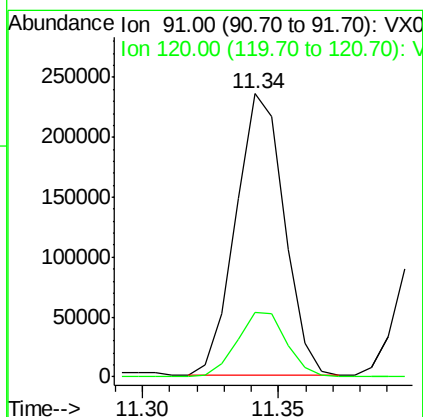
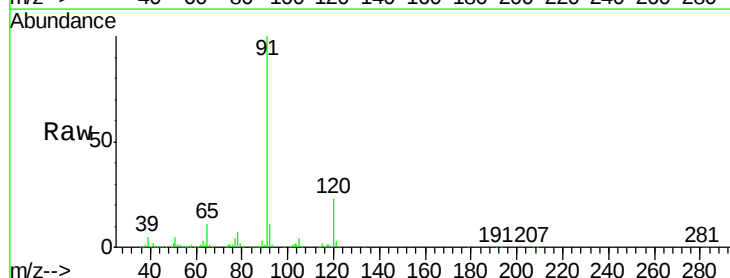
RT: 11.34 min Scan# 1682

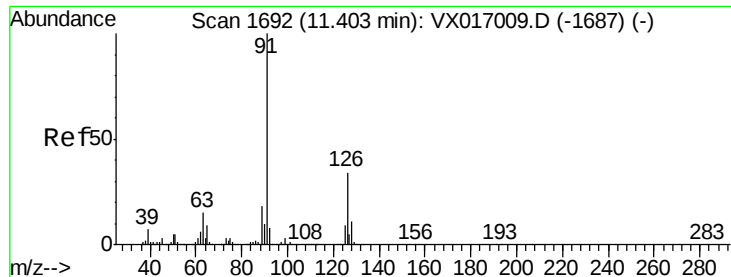
Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Tgt Ion:	91	Resp:	291028
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.9	35.9





#79

2-Chlorotoluene

Concen: 18.939 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD01

Tot Ion: 91 Resp: 175537

Ion Ratio Lower Upper

91 100

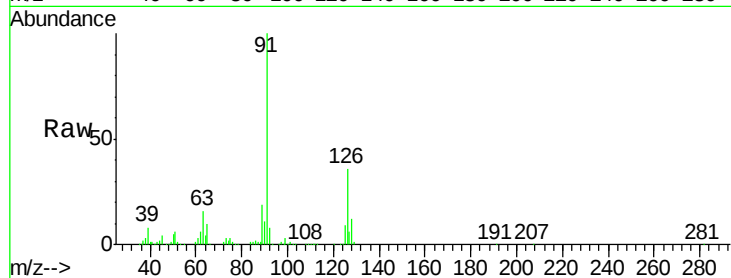
126 35.4 17.4 52.3

Manual Integrations

APPROVED

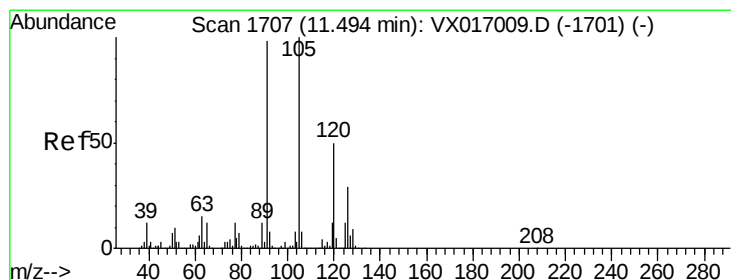
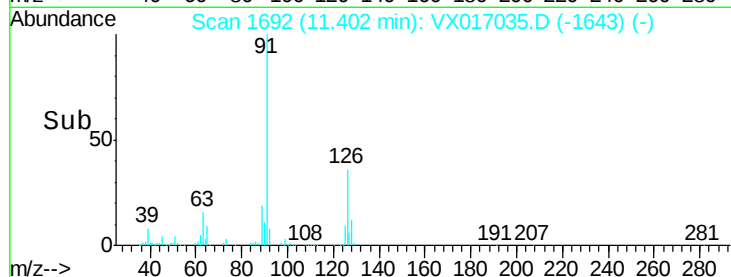
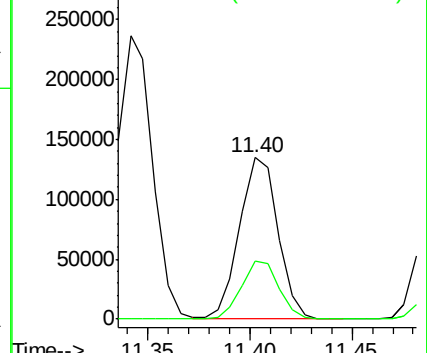
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.452 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017035.D

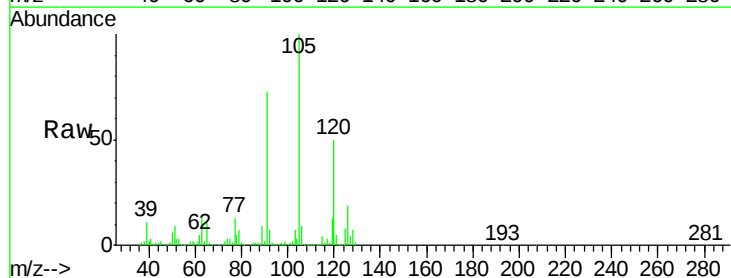
Acq: 30 Jun 2020 11:29

Tgt Ion: 105 Resp: 218512

Ion Ratio Lower Upper

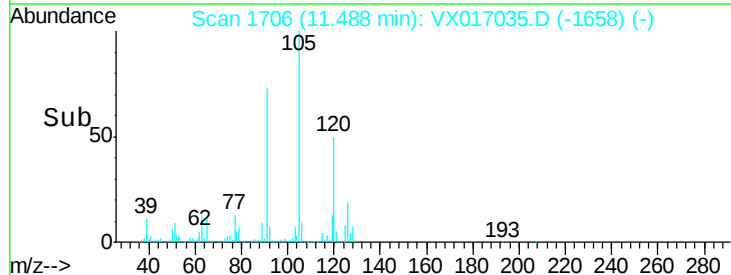
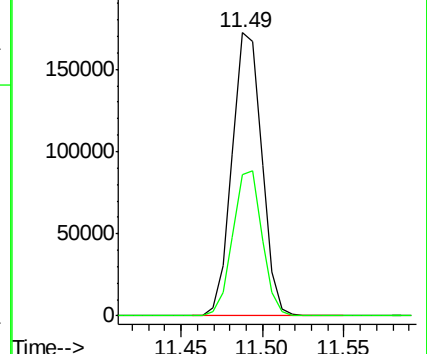
105 100

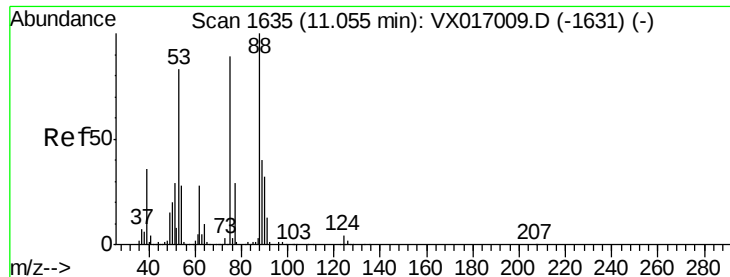
120 50.7 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.948 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD01

Tot Ion: 75 Resp: 28179

Ion Ratio Lower Upper

75 100

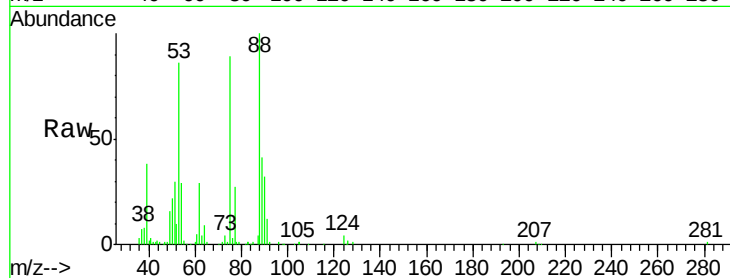
53 97.8 72.4 108.6

89 48.6 37.0 55.4

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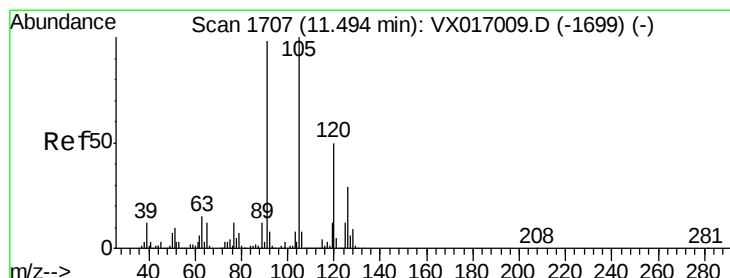
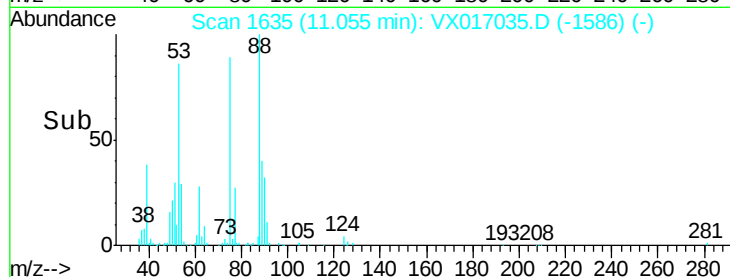
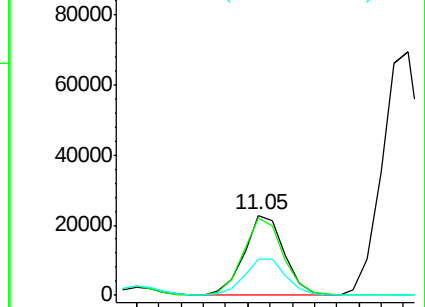
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.232 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017035.D

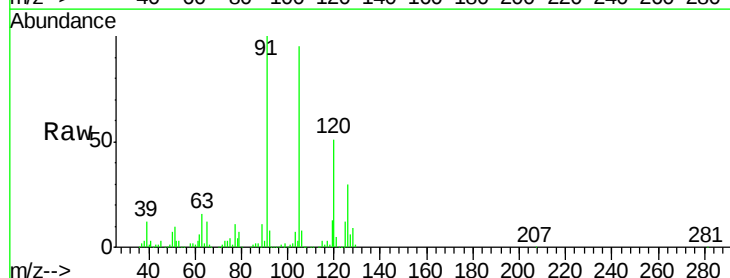
Acq: 30 Jun 2020 11:29

Tgt Ion: 91 Resp: 213097

Ion Ratio Lower Upper

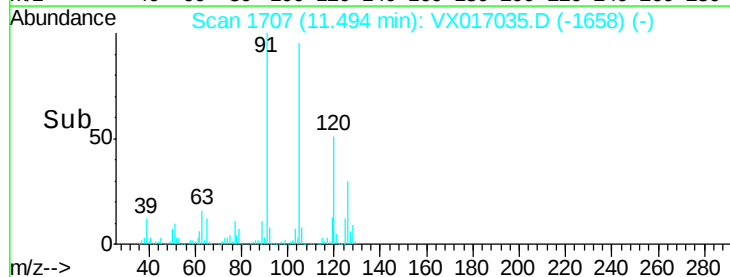
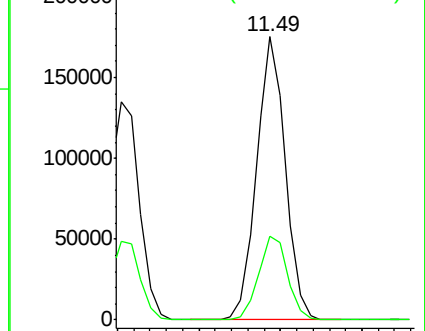
91 100

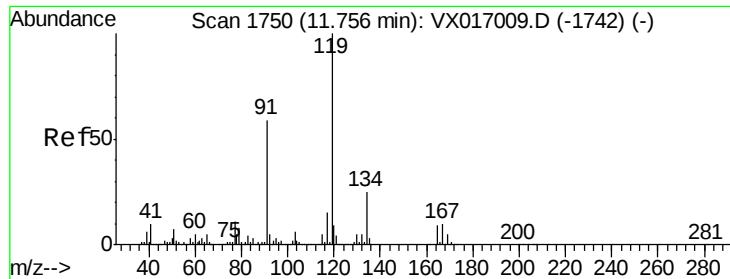
126 30.1 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





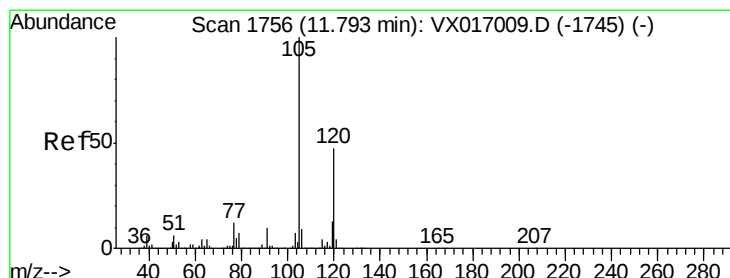
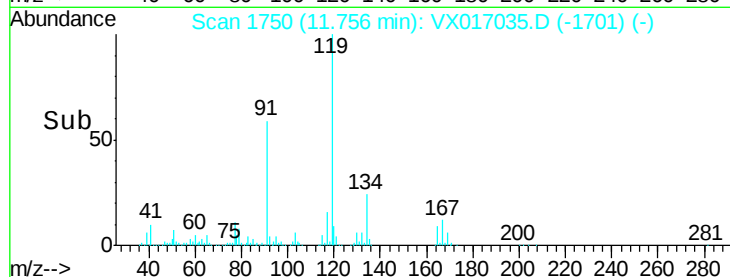
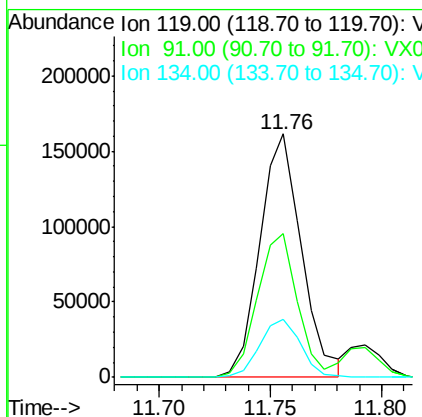
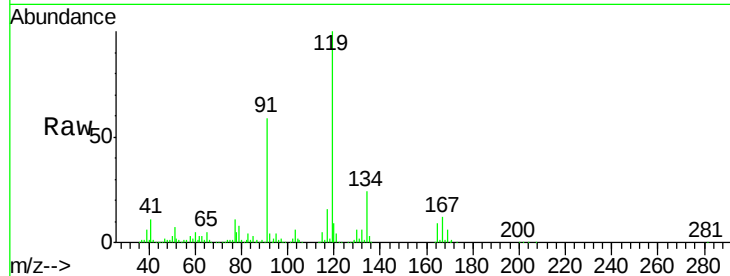
#83
tert-Butylbenzene
Concen: 19.031 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	209866		
91	56.5		28.3	84.9
134	23.5		11.7	35.1

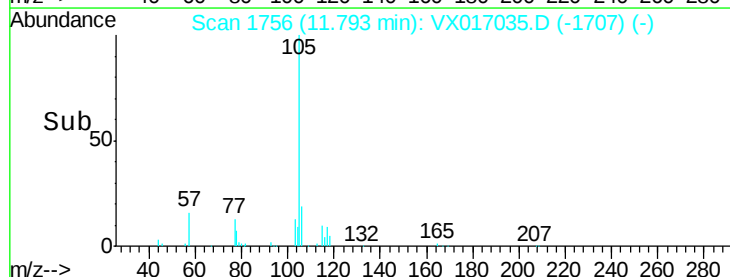
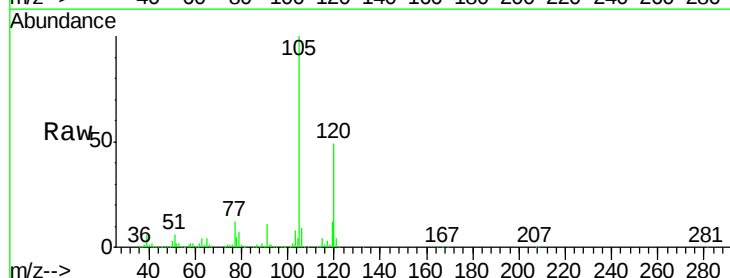
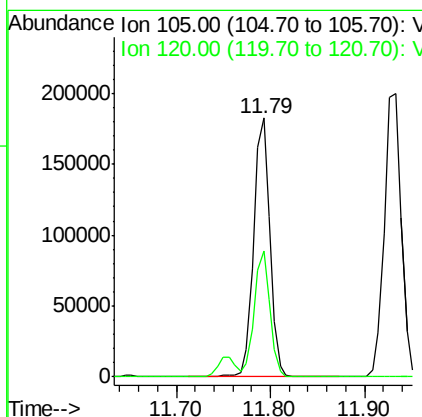
Manual Integrations
APPROVED

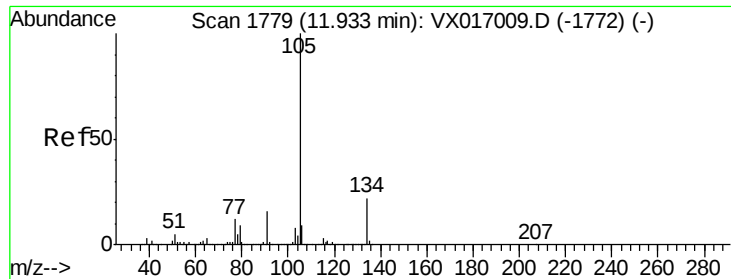
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#84
1,2,4-Trimethylbenzene
Concen: 19.559 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	222906		
120	47.0		22.9	68.5





#85

sec-Butylbenzene

Concen: 19.305 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD01

Tot Ion:105 Resp: 250244

Ion Ratio Lower Upper

105 100

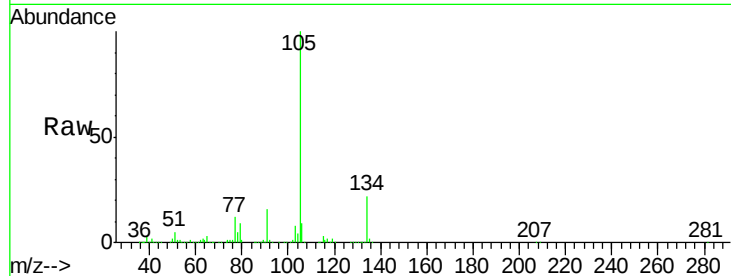
134 20.7 10.5 31.6

Manual Integrations

APPROVED

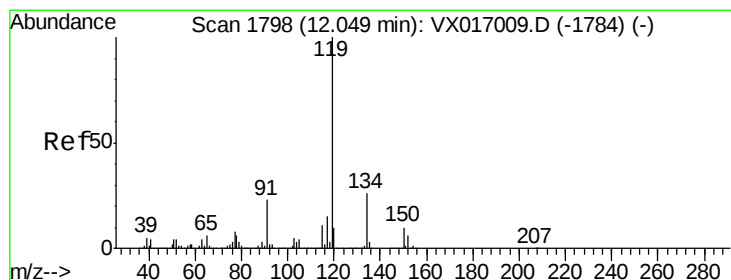
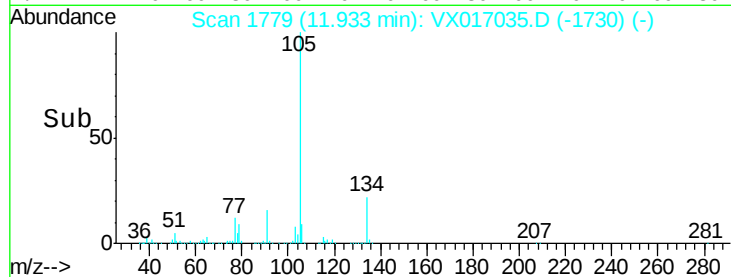
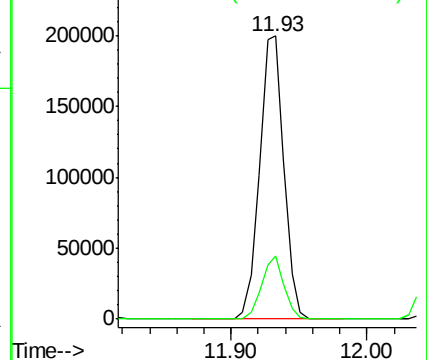
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.078 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

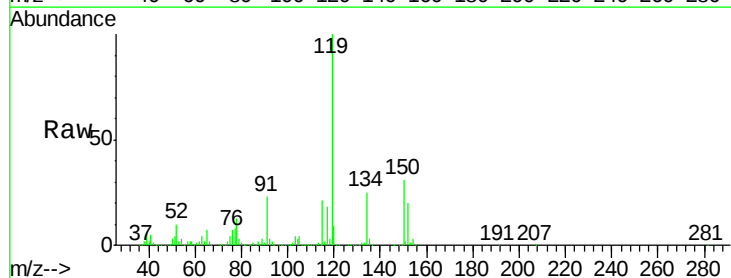
Tgt Ion:119 Resp: 230219

Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

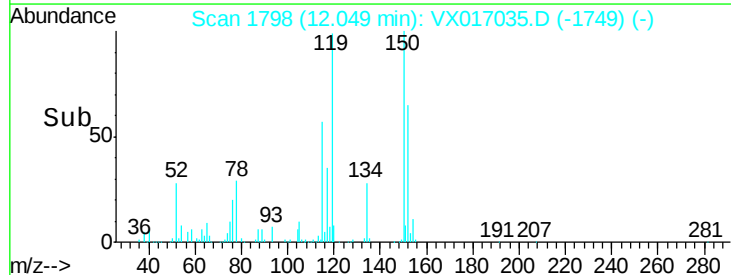
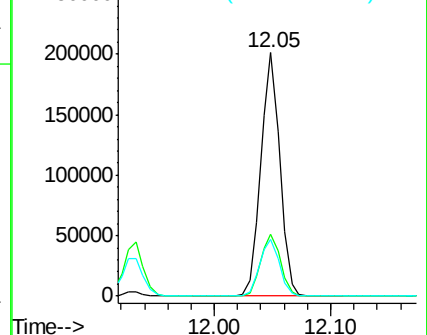
91 23.9 11.8 35.4

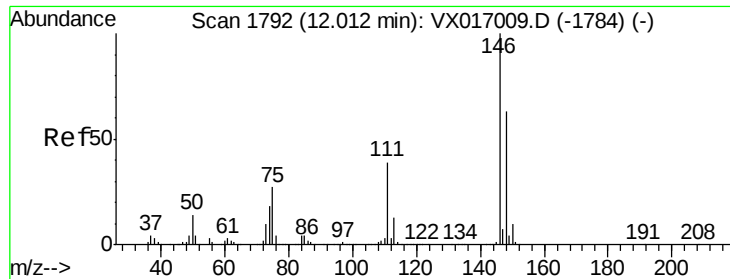


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.145 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Instrument :

MSVOA_X

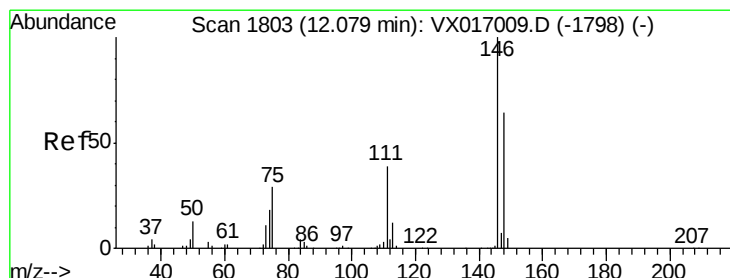
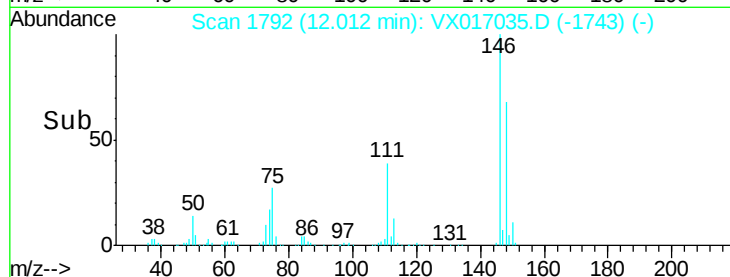
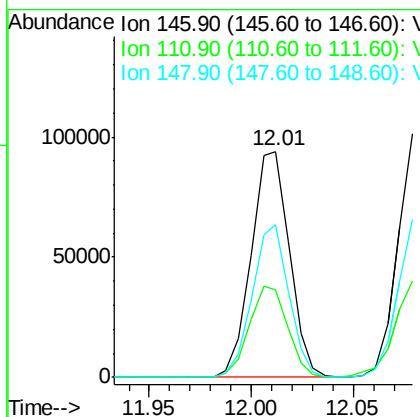
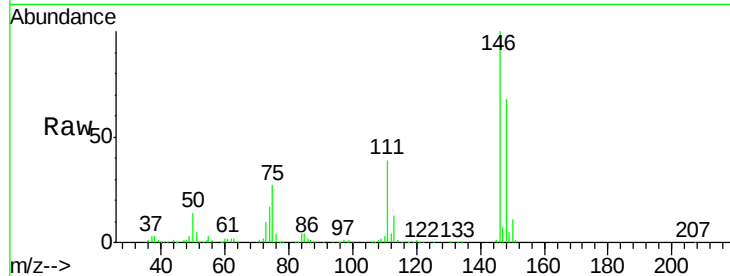
ClientSampled :

VX0630WBSD01

Tot Ion:	146	Resp:	122662
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.4	61.2
148	64.8	32.5	97.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.531 ug/l

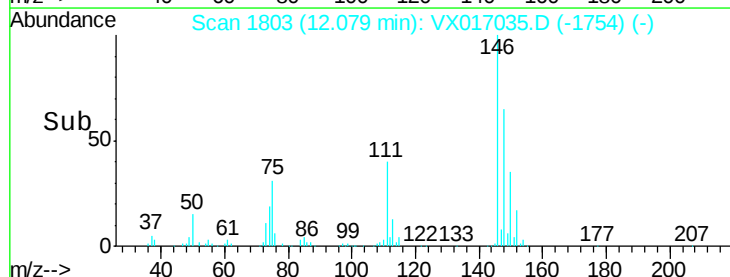
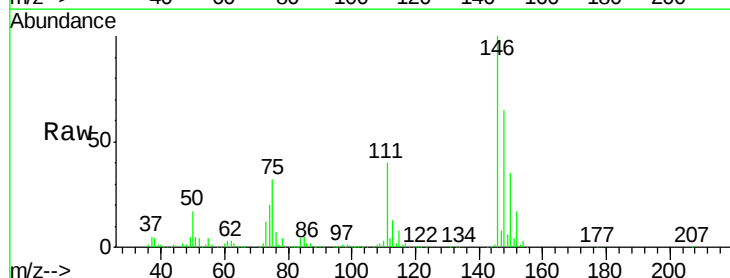
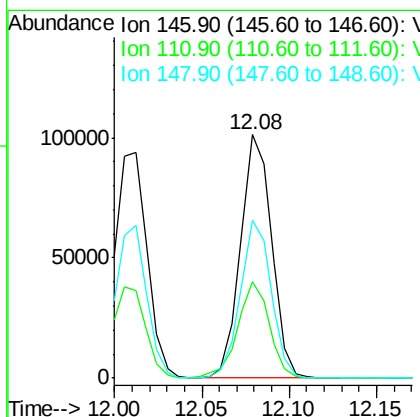
RT: 12.08 min Scan# 1803

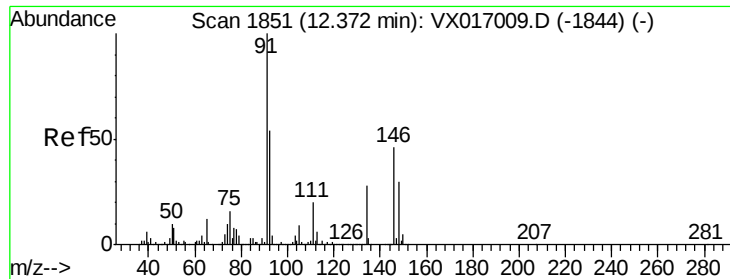
Delta R.T. 0.00 min

Lab File: VX017035.D

Acq: 30 Jun 2020 11:29

Tgt Ion:	146	Resp:	125253
Ion Ratio	Lower	Upper	
146	100		
111	40.6	19.5	58.5
148	64.5	31.9	95.7





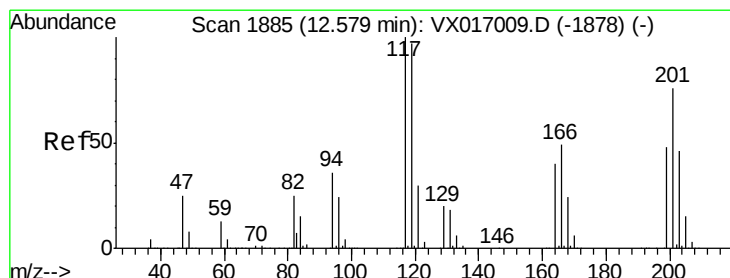
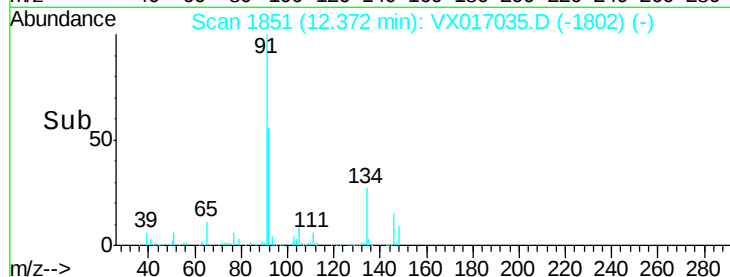
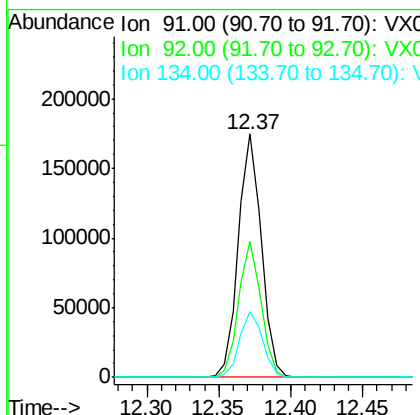
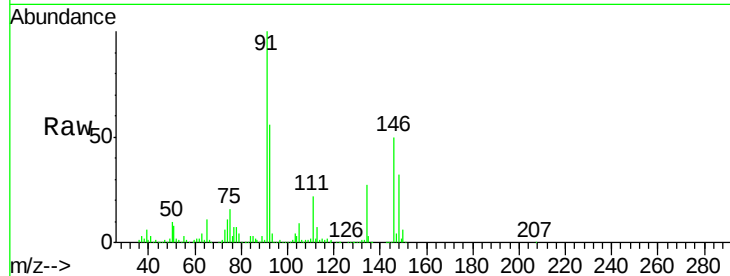
#89
n-Butylbenzene
Concen: 18.120 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	195232		
92	54.6	27.2	81.6	
134	27.1	13.6	40.7	

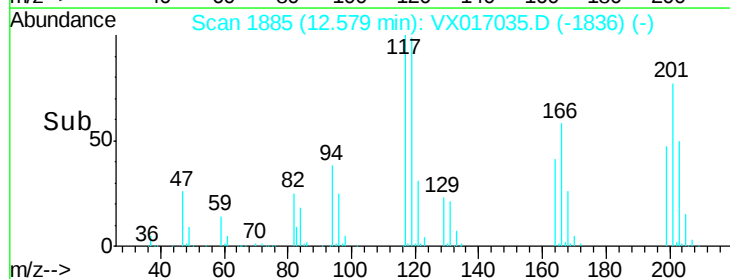
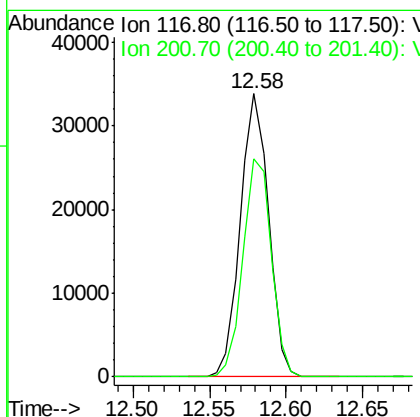
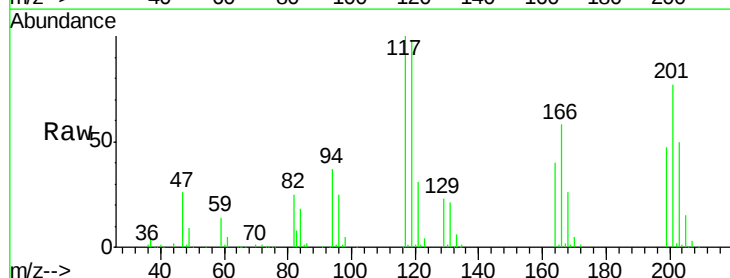
Manual Integrations
APPROVED

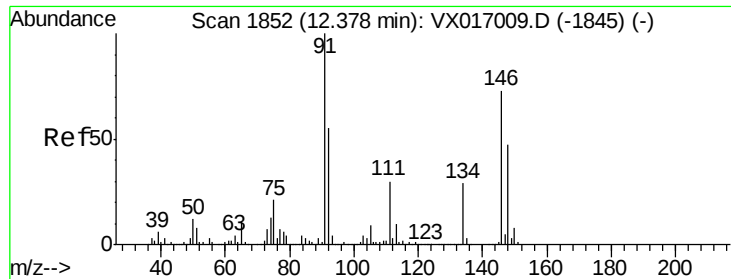
MMDadoda
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#90
Hexachloroethane
Concen: 18.334 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	43629		
201	77.5	39.4	118.2	





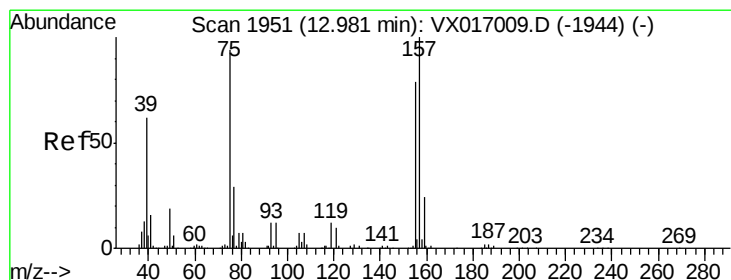
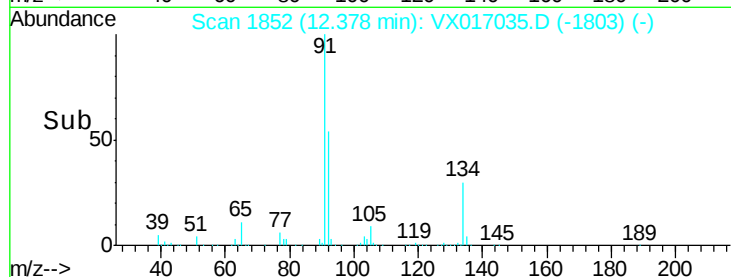
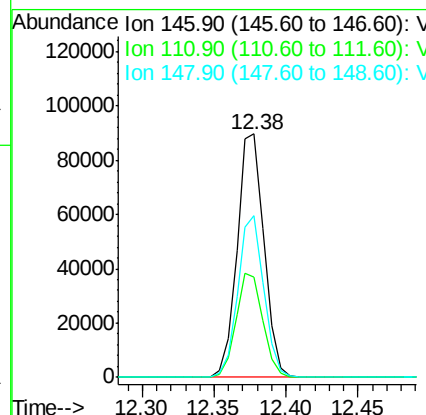
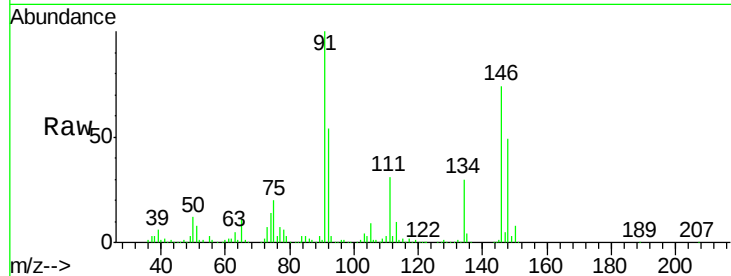
#91
 1,2-Dichlorobenzene
 Concen: 18.585 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017035.D
 Acq: 30 Jun 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.6	61.9
148	64.2	32.4	97.2

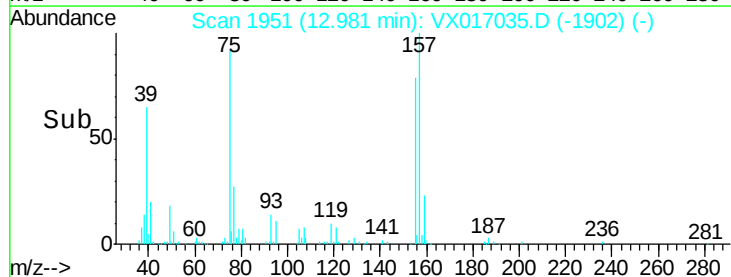
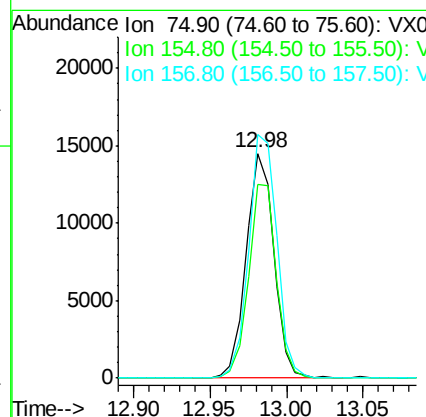
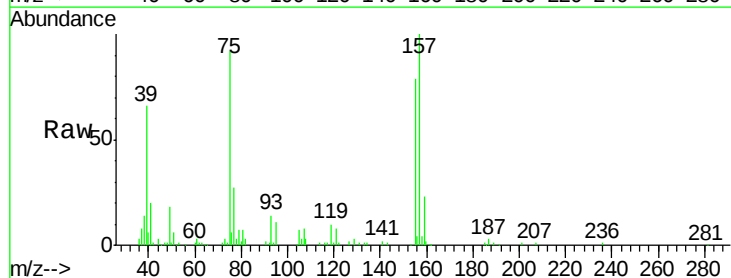
Manual Integrations
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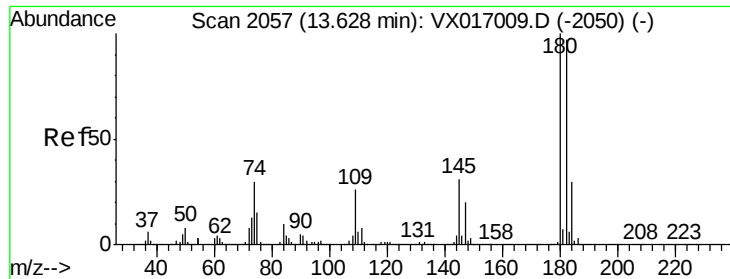
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.952 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017035.D
 Acq: 30 Jun 2020 11:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.8	45.1	135.2
157	109.7	56.5	169.3





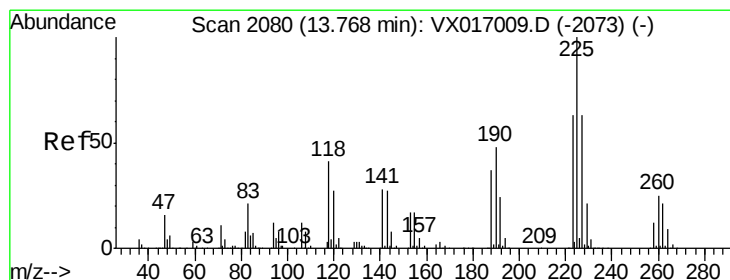
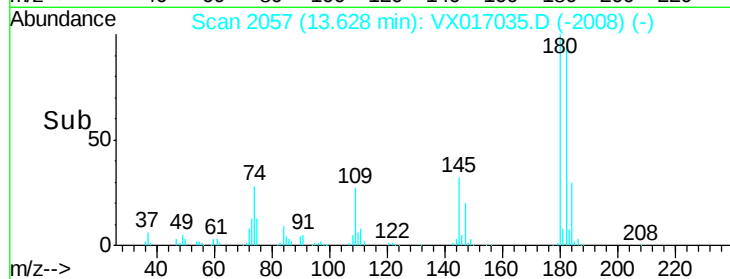
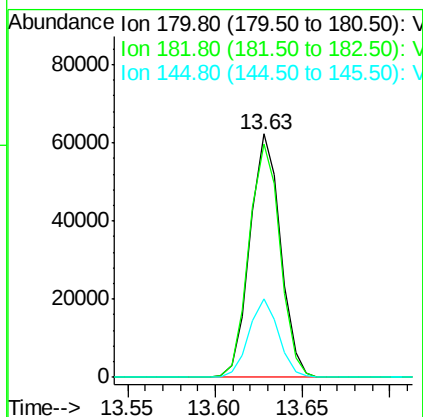
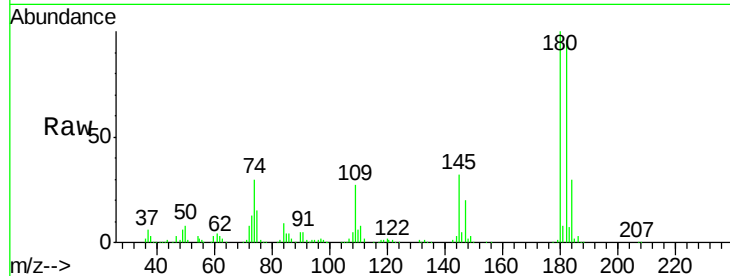
#93
 1,2,4-Trichlorobenzene
 Concen: 17.580 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017035.D
 Acq: 30 Jun 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.3	141.9
145	31.5	15.4	46.2

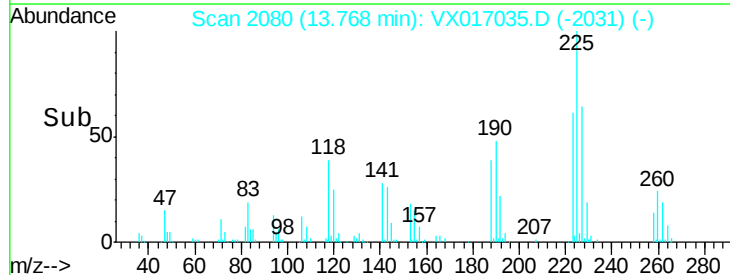
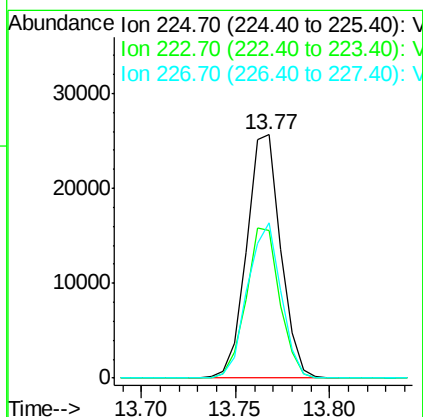
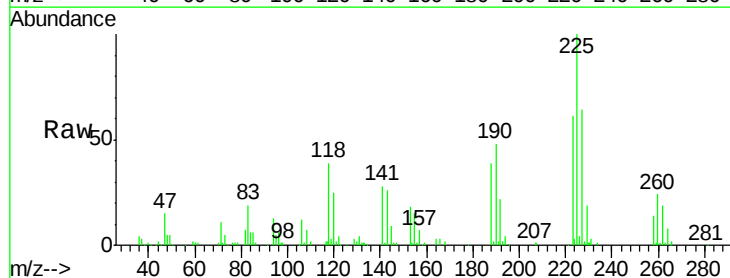
Manual Integrations
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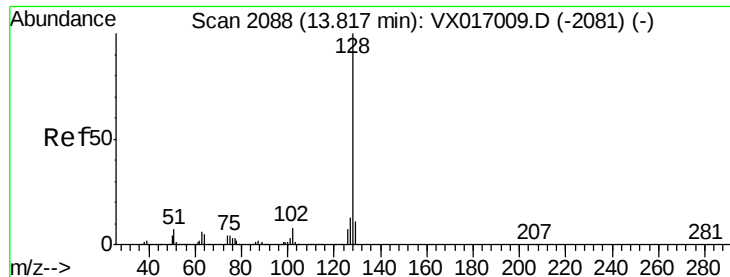
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#94
 Hexachlorobutadiene
 Concen: 20.129 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017035.D
 Acq: 30 Jun 2020 11:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	32.5	97.5
227	62.9	33.1	99.2





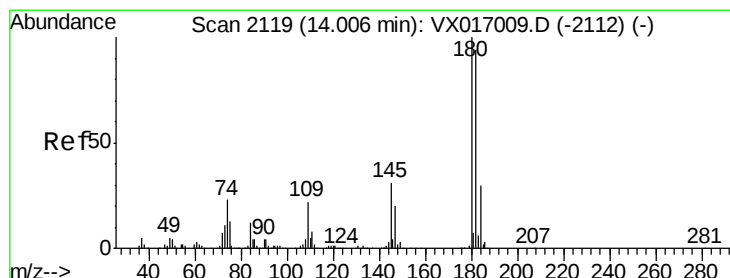
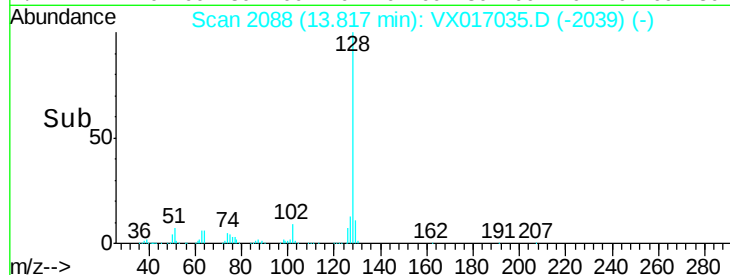
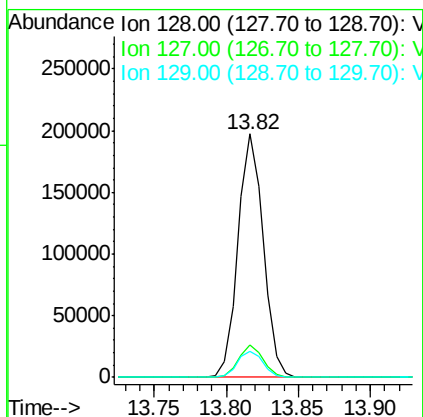
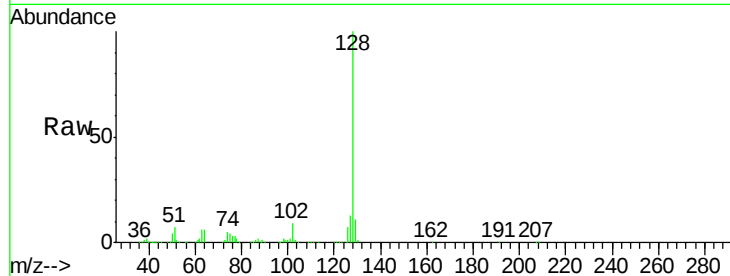
#95
Naphthalene
Concen: 18.452 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Instrument :
MSVOA_X
ClientSampled :
VX0630WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.414 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017035.D
Acq: 30 Jun 2020 11:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.1	141.4
145	32.5	16.6	49.7

