

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017062.D
 Acq On : 30 Jun 2020 22:51
 Operator : JC/SP
 Sample : VX0630WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:48:53 AM

Quant Time: Jul 01 08:33:49 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	262232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	423491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	401438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	205181	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	165105	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
35) Dibromofluoromethane	5.47	113	134301	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	8.70	98	500652	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.12	95	192465	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	47227	18.616	ug/l	95
3) Chloromethane	1.31	50	51639	16.816	ug/l	100
4) Vinyl Chloride	1.39	62	49475	17.365	ug/l	99
5) Bromomethane	1.63	94	32371	21.505	ug/l	97
6) Chloroethane	1.72	64	29418	17.482	ug/l	94
7) Trichlorofluoromethane	1.92	101	79130	18.779	ug/l	97
8) Diethyl Ether	2.17	74	28266	20.156	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46921	18.579	ug/l	99
10) Methyl Iodide	2.49	142	46340	14.220	ug/l	98
11) Tert butyl alcohol	3.01	59	56946	92.337	ug/l	99
12) 1,1-Dichloroethene	2.36	96	47760	18.409	ug/l	95
13) Acrolein	2.27	56	29927	81.177	ug/l	96
14) Allyl chloride	2.71	41	81873	17.076	ug/l	98
15) Acrylonitrile	3.11	53	136216	91.878	ug/l	99
16) Acetone	2.42	43	112790	93.264	ug/l	96
17) Carbon Disulfide	2.55	76	137836	19.053	ug/l	99
18) Methyl Acetate	2.75	43	59765	18.931	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	160558	18.439	ug/l	98
20) Methylene Chloride	2.84	84	55894	19.677	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	51907	18.029	ug/l	96
22) Diisopropyl ether	3.82	45	170286	19.189	ug/l	98
23) Vinyl Acetate	3.79	43	722344	94.726	ug/l	100
24) 1,1-Dichloroethane	3.67	63	95532	18.920	ug/l	98
25) 2-Butanone	4.64	43	184659	91.637	ug/l	99
26) 2,2-Dichloropropane	4.55	77	67015	14.947	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	58744	18.007	ug/l	100
28) Bromochloromethane	4.98	49	43370	17.651	ug/l	98
29) Tetrahydrofuran	5.09	42	122313	91.866	ug/l	99
30) Chloroform	5.18	83	96213	18.588	ug/l	100
31) Cyclohexane	5.55	56	78435	17.971	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	88884	18.646	ug/l	99
36) 1,1-Dichloropropene	5.77	75	70172	17.532	ug/l	98
37) Ethyl Acetate	4.79	43	73943	18.208	ug/l	98
38) Carbon Tetrachloride	5.76	117	79647	18.067	ug/l	95

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Manual Integrations
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MMDadoda
 7/1/2020 10:48:53 AM

Quant Time: Jul 01 08:33:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	75771	17.015	ug/l	97
40) Benzene	6.12	78	213126	18.123	ug/l	100
41) Methacrylonitrile	5.00	41	40385	17.669	ug/l	98
42) 1,2-Dichloroethane	6.17	62	79640	18.748	ug/l	99
43) Isopropyl Acetate	6.41	43	118542	17.567	ug/l	99
44) Trichloroethene	7.19	130	60891	18.569	ug/l	88
45) 1,2-Dichloropropane	7.49	63	54650	18.093	ug/l	99
46) Dibromomethane	7.64	93	37578	18.223	ug/l	99
47) Bromodichloromethane	7.87	83	77465	18.228	ug/l	95
48) Methyl methacrylate	7.74	41	57542	17.948	ug/l	98
49) 1,4-Dioxane	7.71	88	25979	357.682	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	372196	92.527	ug/l	99
52) Toluene	8.76	92	133703	18.210	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	80228	17.110	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	88702	17.647	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	55129	18.377	ug/l	99
56) Ethyl methacrylate	9.16	69	76793	17.985	ug/l	99
57) 1,3-Dichloropropane	9.35	76	91062	17.940	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	203313	95.676	ug/l	100
59) 2-Hexanone	9.47	43	275333	93.720	ug/l	99
60) Dibromochloromethane	9.57	129	64720	18.575	ug/l	98
61) 1,2-Dibromoethane	9.65	107	59200	18.359	ug/l	98
64) Tetrachloroethene	9.32	164	58922	18.187	ug/l	98
65) Chlorobenzene	10.12	112	148349	17.905	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	56796	17.787	ug/l	98
67) Ethyl Benzene	10.23	91	250115	18.076	ug/l	99
68) m/p-Xylenes	10.34	106	191997	36.138	ug/l	96
69) o-Xylene	10.68	106	91579	18.120	ug/l	100
70) Styrene	10.70	104	161378	18.750	ug/l	99
71) Bromoform	10.84	173	47988	18.952	ug/l #	97
73) Isopropylbenzene	11.00	105	246005	18.305	ug/l	99
74) N-amyl acetate	10.88	43	102719	17.912	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	77159	18.252	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	76074m	18.855	ug/l	
77) Bromobenzene	11.24	156	66852	18.099	ug/l	98
78) n-propylbenzene	11.34	91	281805	18.542	ug/l	98
79) 2-Chlorotoluene	11.40	91	169245	18.400	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	210341	18.868	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	25906	16.627	ug/l	95
82) 4-Chlorotoluene	11.49	91	201485	18.324	ug/l	100
83) tert-Butylbenzene	11.76	119	200375	18.310	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	214404	18.958	ug/l	99
85) sec-Butylbenzene	11.93	105	231524	17.999	ug/l	100
86) p-Isopropyltoluene	12.05	119	215775	18.019	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	117343	17.492	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	120722	18.963	ug/l	99
89) n-Butylbenzene	12.37	91	182136	17.034	ug/l	99
90) Hexachloroethane	12.58	117	42044	17.804	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	111782	17.826	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17075	16.931	ug/l	98

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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	75051	17.535	ug/l	99
94) Hexachlorobutadiene	13.76	225	27322	17.380	ug/l	97
95) Naphthalene	13.82	128	234988	18.059	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	75935	18.333	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

ClientSampled :

VX0630WBS02

Tot Ion:168 Resp: 262232

Ion Ratio Lower Upper

168 100

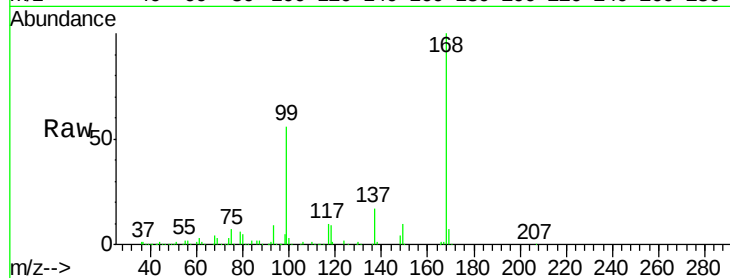
99 55.8 42.6 64.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

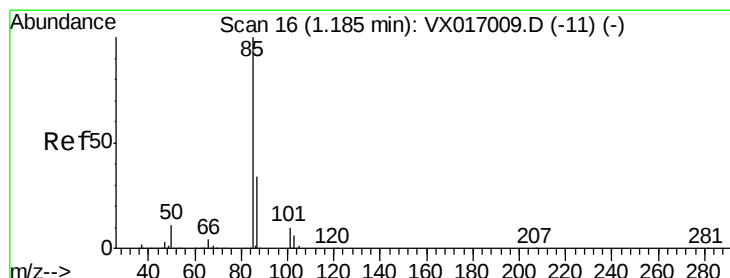
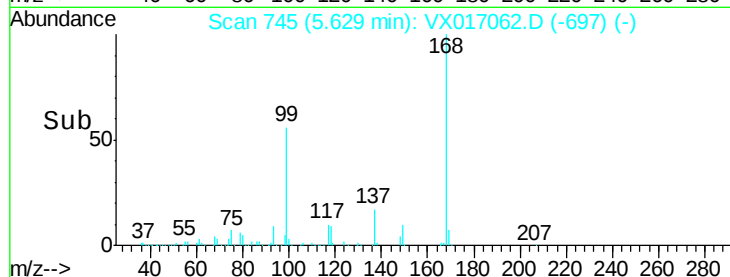
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.616 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017062.D

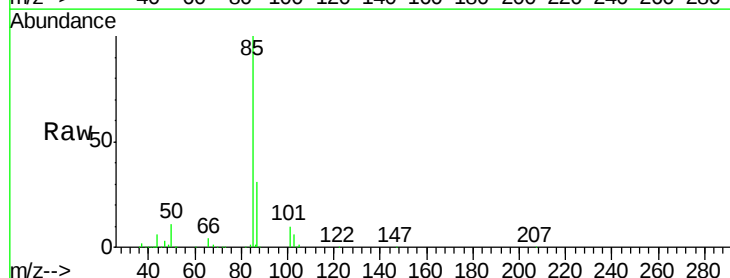
Acq: 30 Jun 2020 22:51

Tgt Ion: 85 Resp: 47227

Ion Ratio Lower Upper

85 100

87 30.8 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

60000

50000

40000

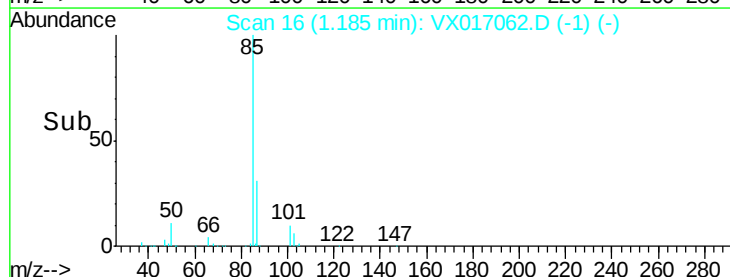
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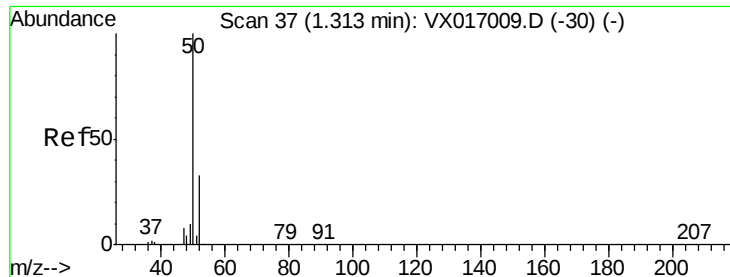
20000

10000

0

Time-->





#3

Chloromethane

Concen: 16.816 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS02

Tot Ion: 50 Resp: 51639

Ion Ratio Lower Upper

50 100

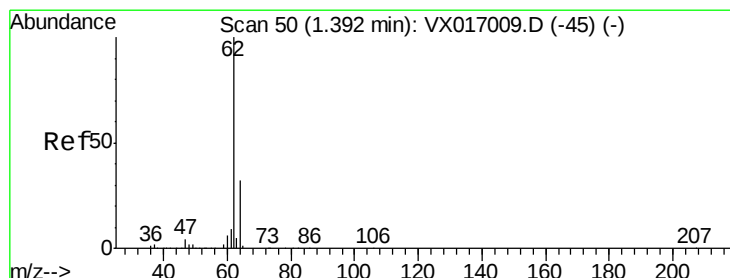
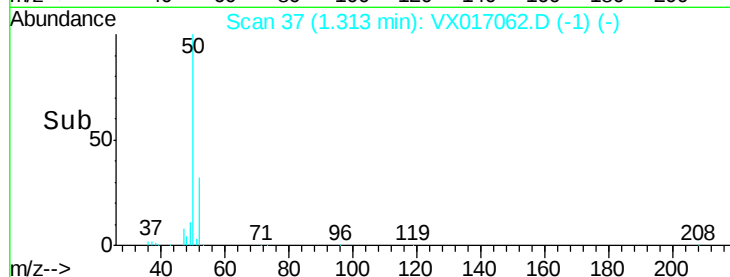
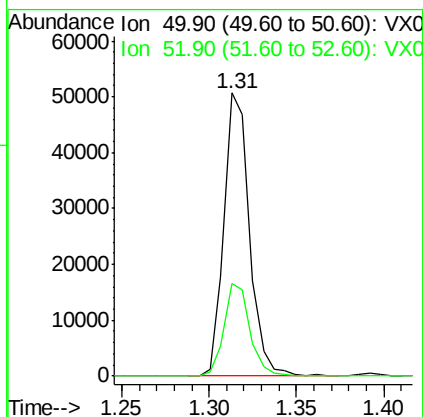
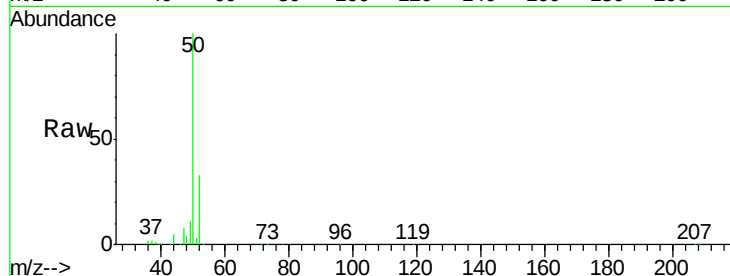
52 32.5 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.365 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017062.D

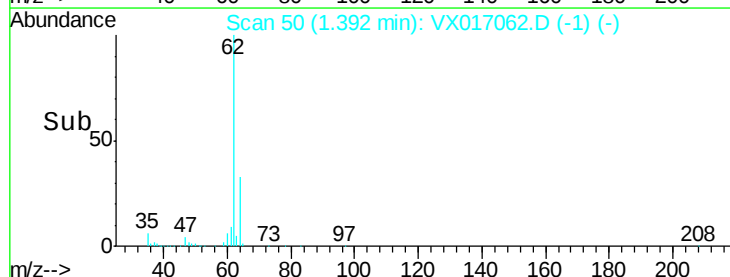
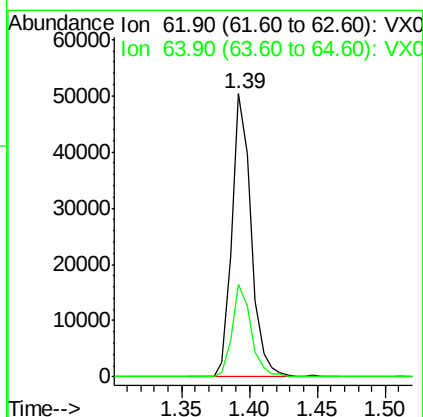
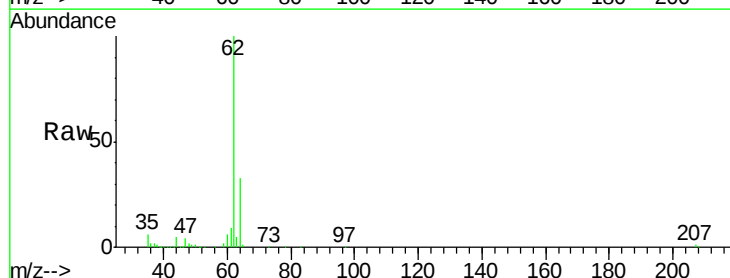
Acq: 30 Jun 2020 22:51

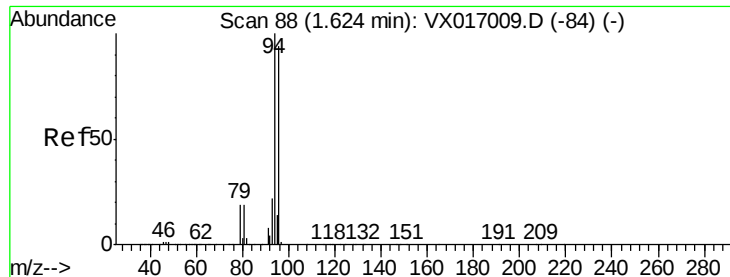
Tgt Ion: 62 Resp: 49475

Ion Ratio Lower Upper

62 100

64 32.9 25.9 38.9





#5

Bromomethane

Concen: 21.505 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS02

Tot Ion: 94 Resp: 32371

Ion Ratio Lower Upper

94 100

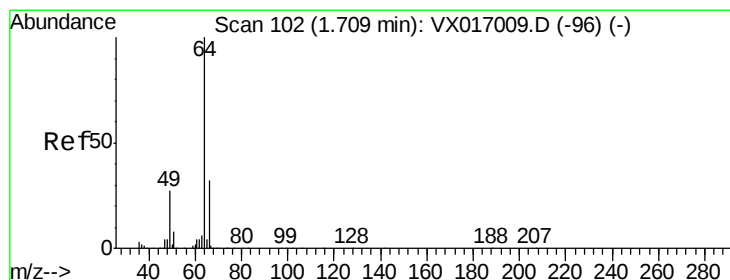
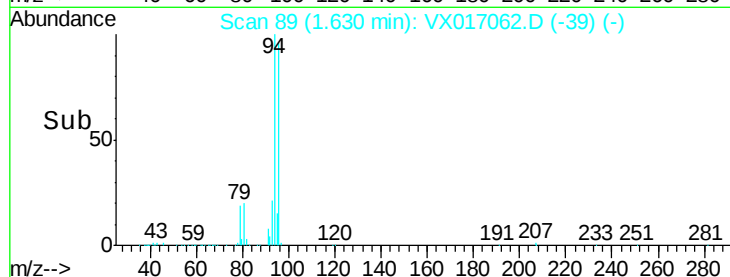
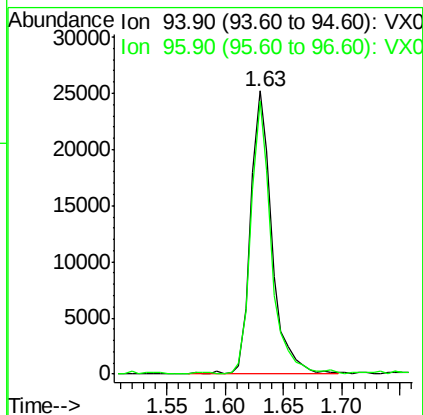
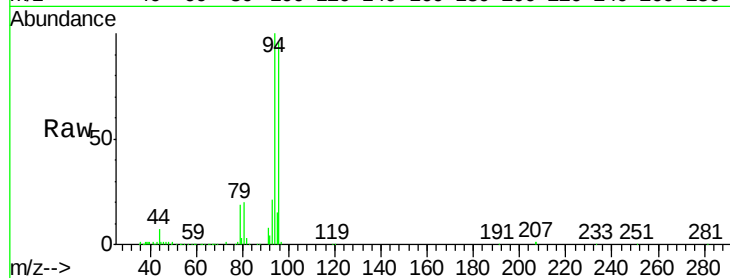
96 96.2 75.0 112.4

Manual Integrations

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7/1/2020 10:48:53 AM



#6

Chloroethane

Concen: 17.482 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017062.D

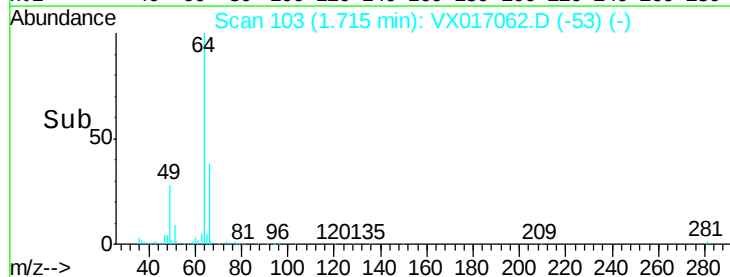
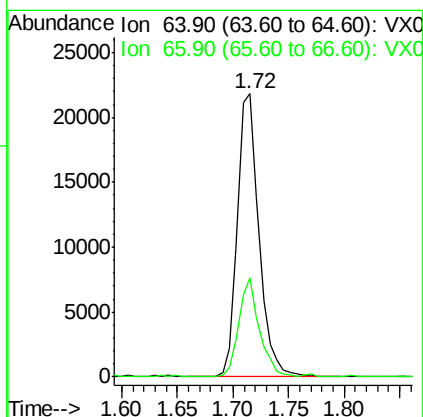
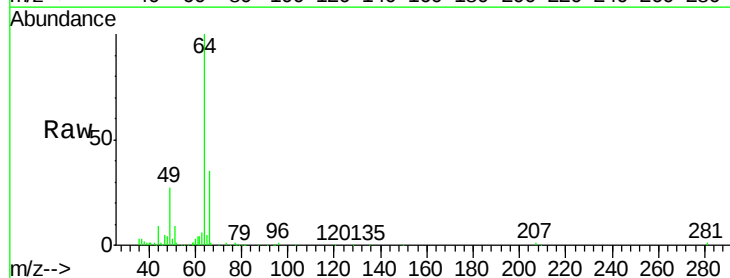
Acq: 30 Jun 2020 22:51

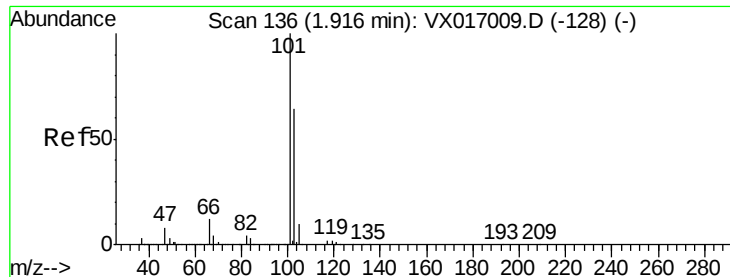
Tgt Ion: 64 Resp: 29418

Ion Ratio Lower Upper

64 100

66 35.2 25.5 38.3





#7

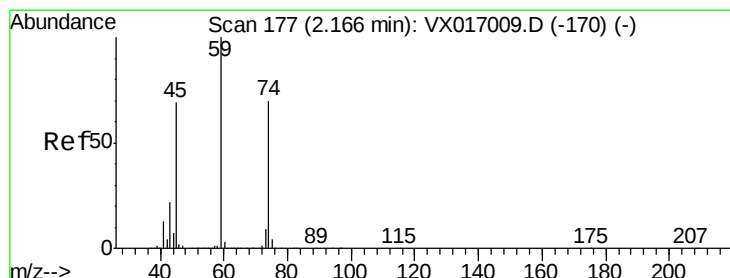
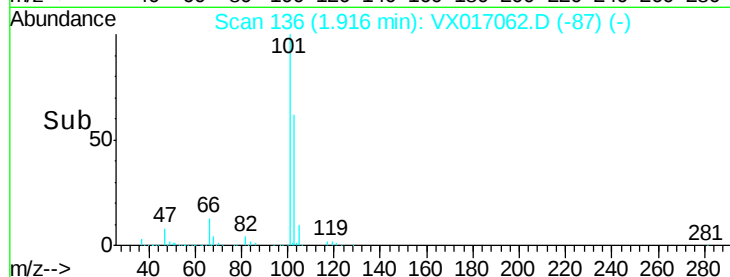
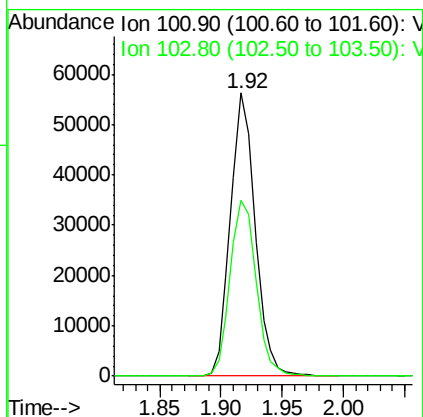
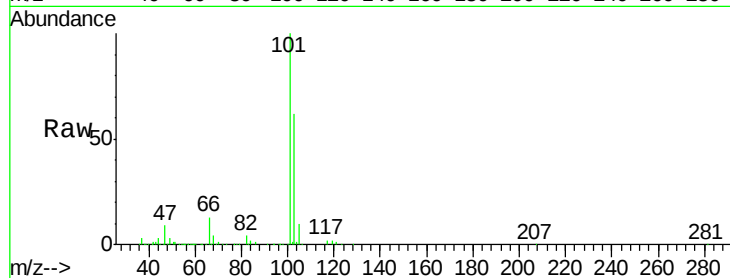
Trichlorofluoromethane
Concen: 18.779 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

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ClientSampleId :
VX0630WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.1	51.5	77.3

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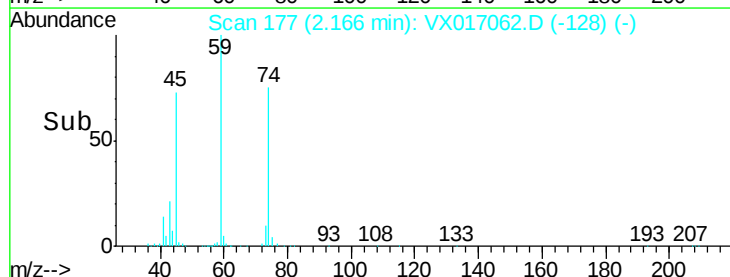
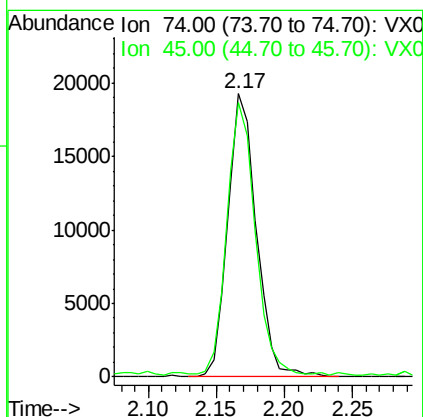
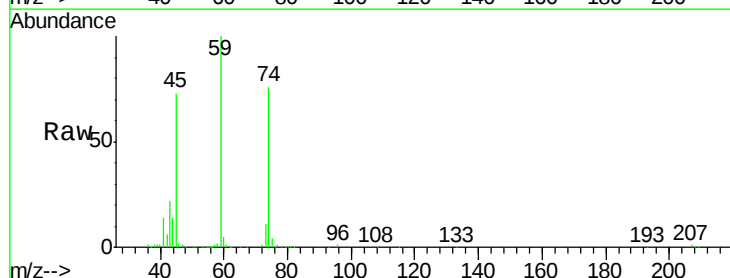
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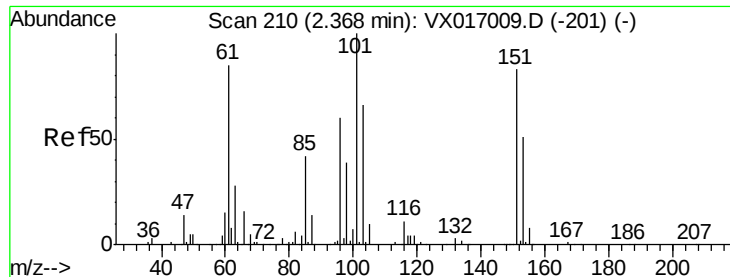


#8

Diethyl Ether
Concen: 20.156 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.2	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.579 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

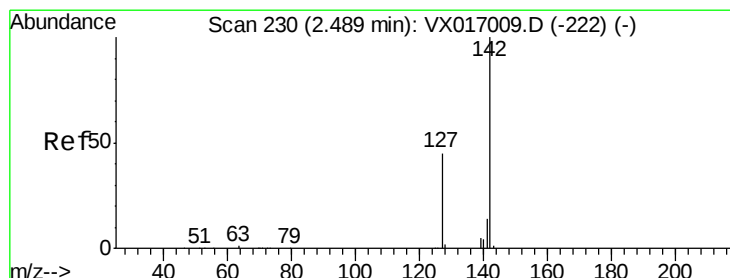
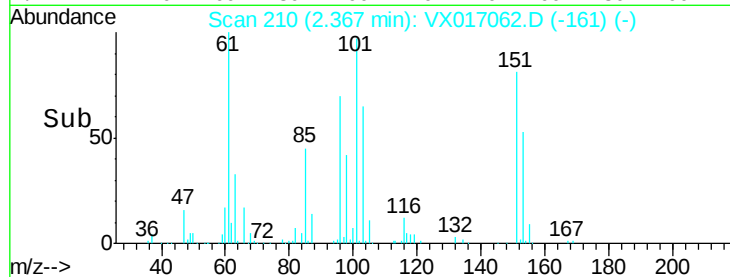
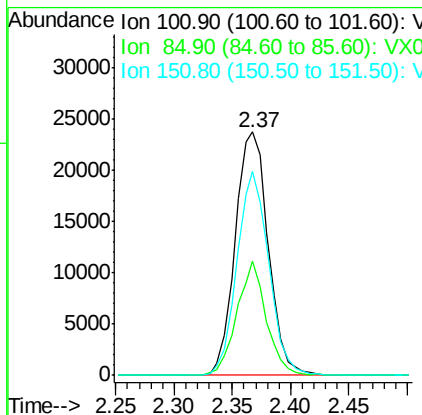
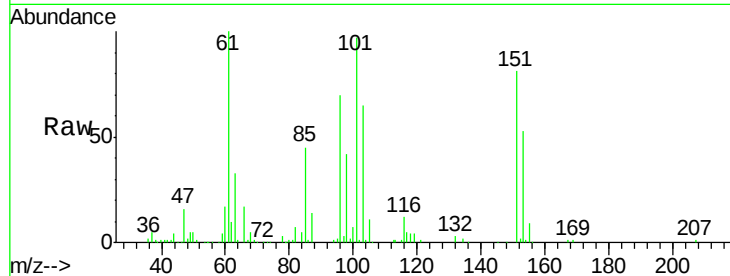
ClientSampleId :

VX0630WBS02

Tot Ion:	101	Resp:	46921
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.5	50.3
151	80.8	63.8	95.6

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#10

Methyl Iodide

Concen: 14.220 ug/l

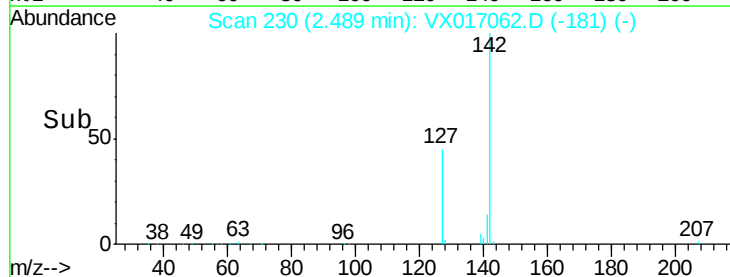
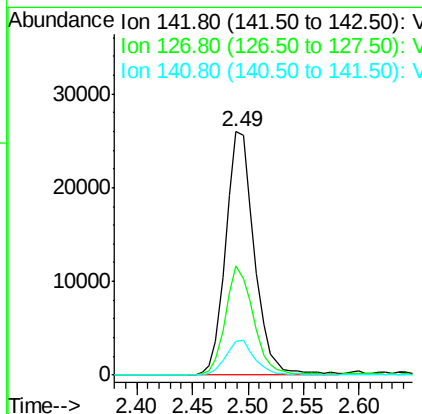
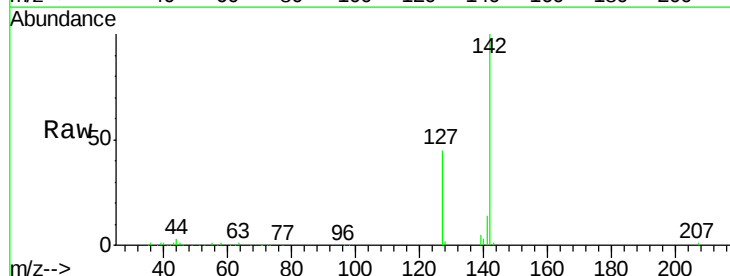
RT: 2.49 min Scan# 230

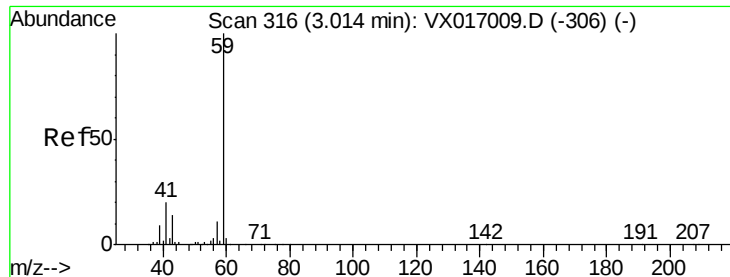
Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Tgt Ion:	142	Resp:	46340
Ion Ratio	Lower	Upper	
142	100		
127	43.8	36.6	54.8
141	14.6	11.6	17.4





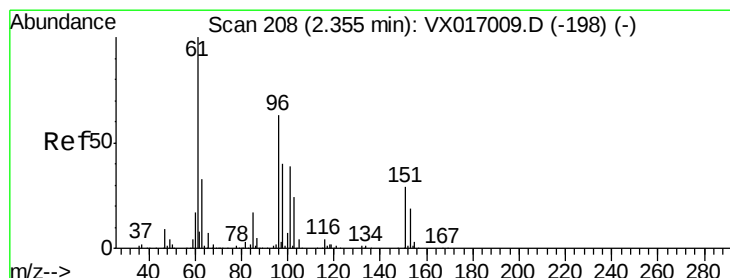
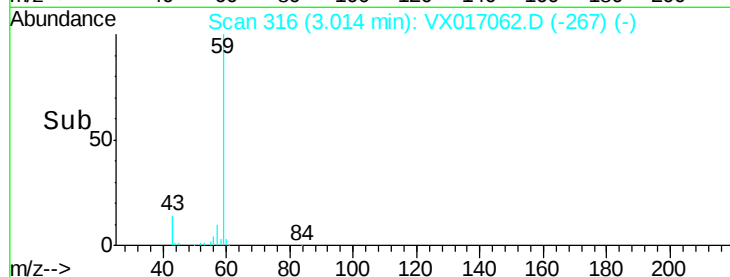
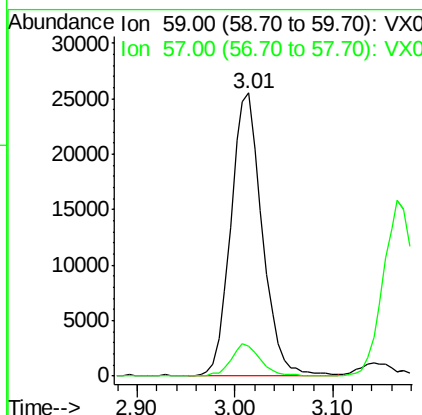
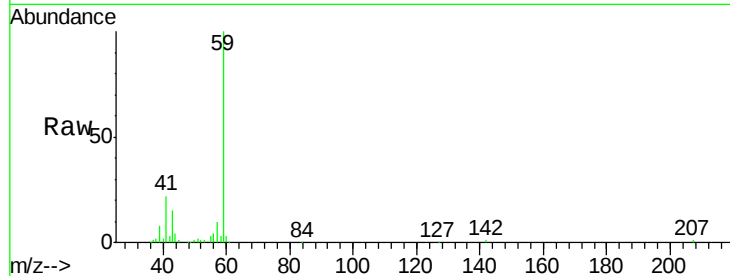
#11
Tert butyl alcohol
Concen: 92.337 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.2

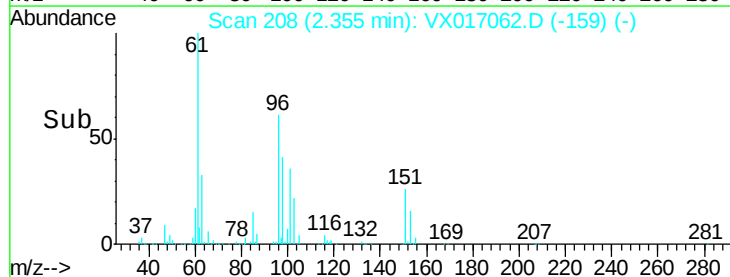
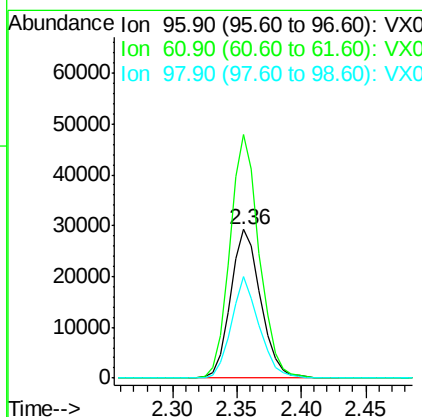
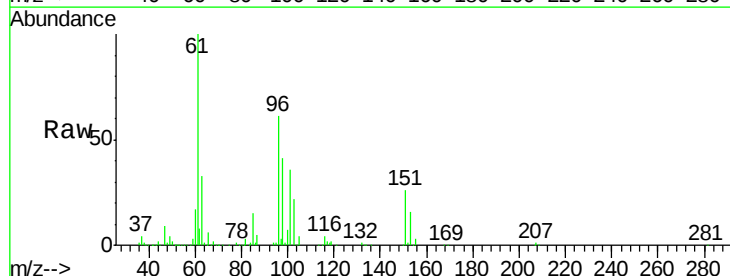
Manual Integrations
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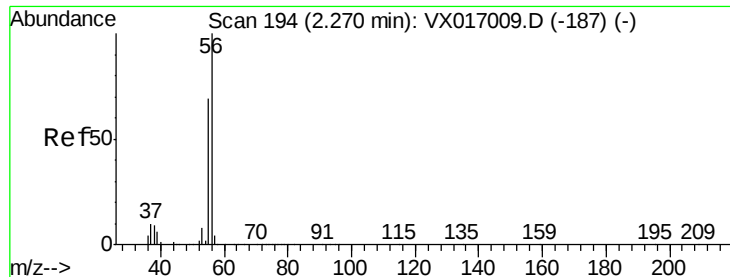
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.409 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.7	126.3	189.5
98	67.9	51.0	76.6





#13

Acrolein

Concen: 81.177 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS02

Tot Ion: 56 Resp: 29927

Ion Ratio Lower Upper

56 100

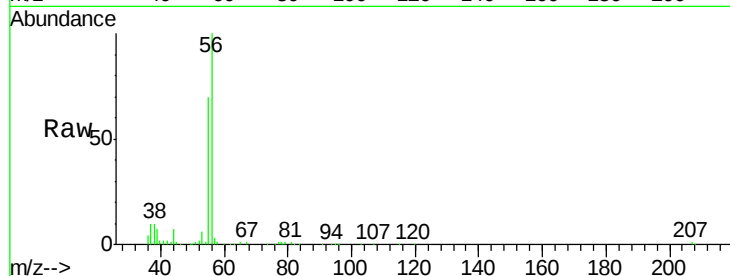
55 72.7 55.7 83.5

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

20000

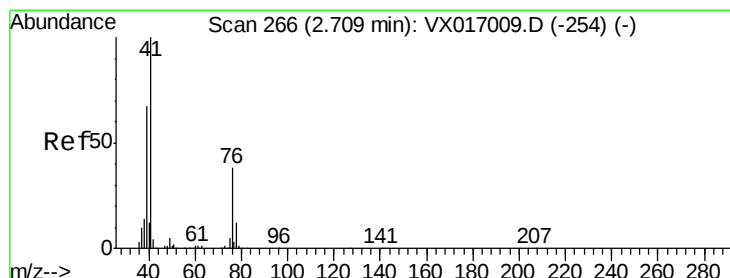
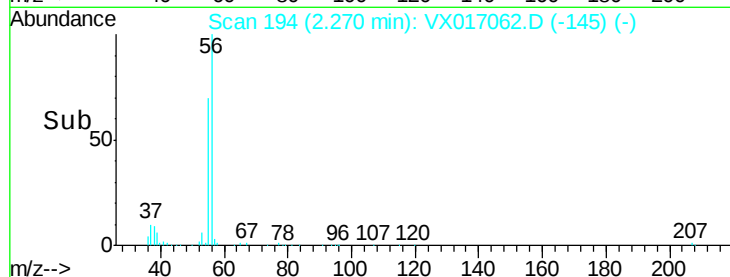
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 17.076 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

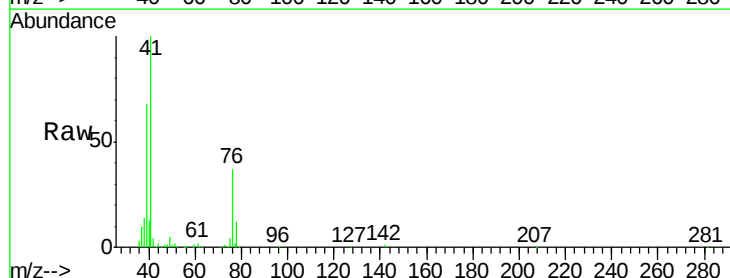
Tgt Ion: 41 Resp: 81873

Ion Ratio Lower Upper

41 100

39 64.1 49.4 74.2

76 32.7 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

120000

100000

80000

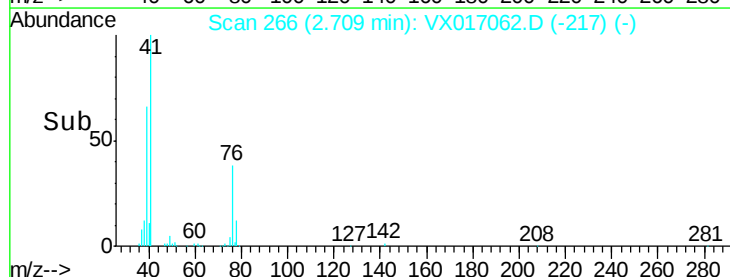
60000

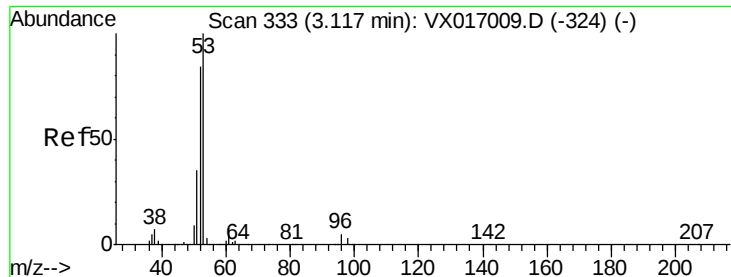
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 91.878 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

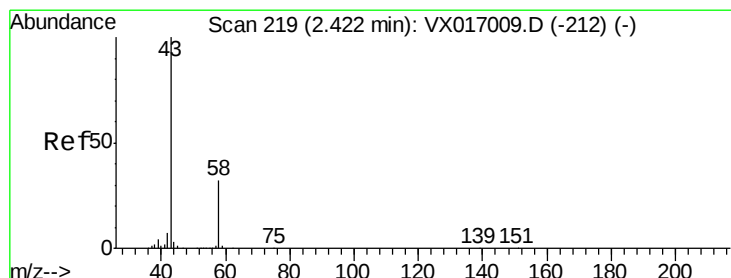
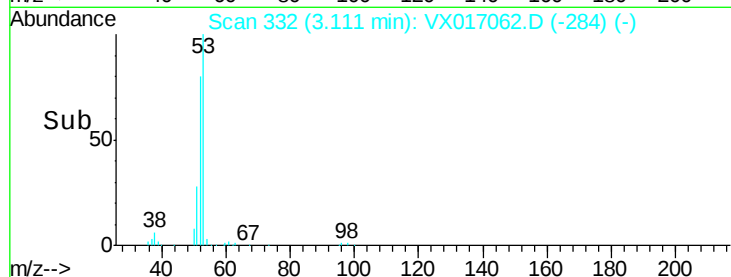
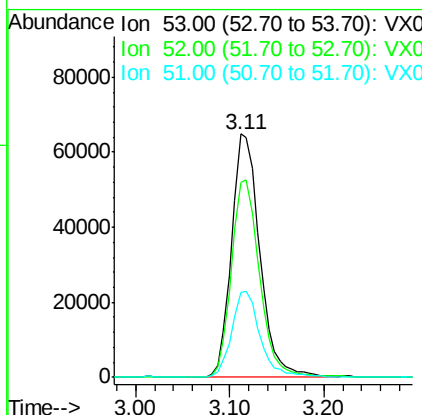
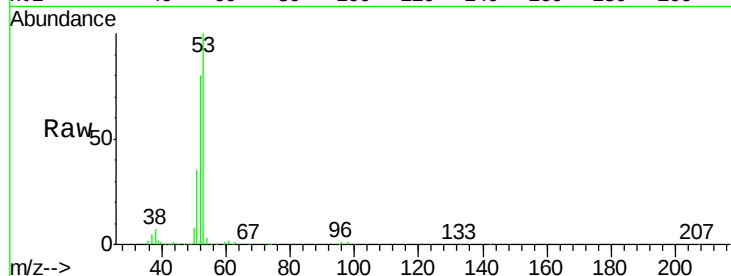
ClientSampled :

VX0630WBS02

Tot Ion:	53	Resp:	136216
Ion Ratio		Lower	Upper
53	100		
52	80.6	65.6	98.4
51	35.8	28.3	42.5

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#16

Acetone

Concen: 93.264 ug/l

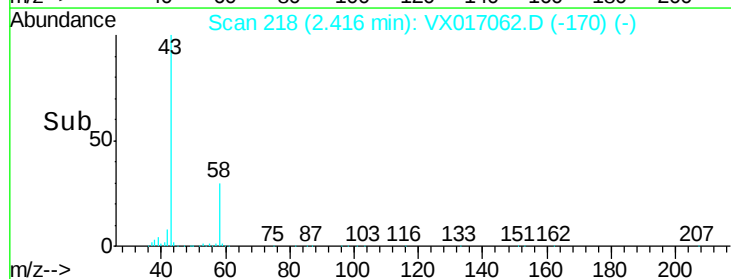
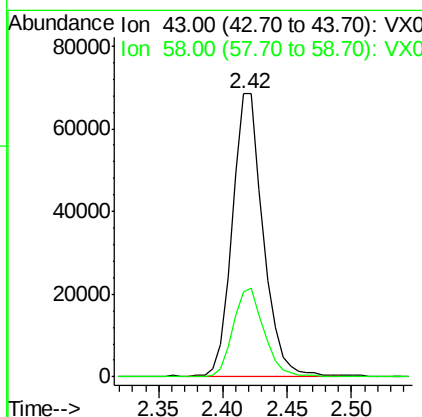
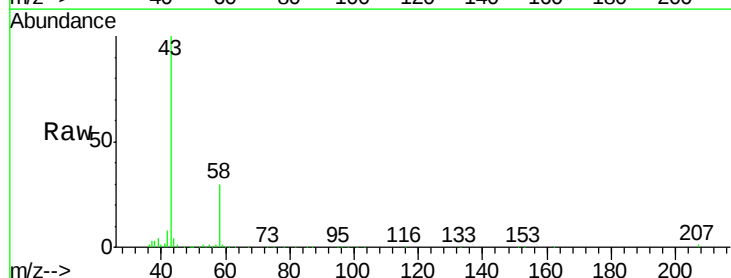
RT: 2.42 min Scan# 218

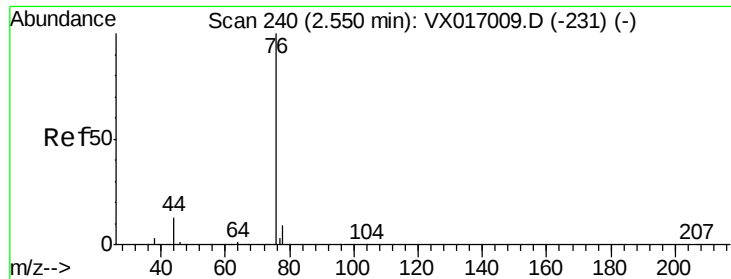
Delta R.T. -0.01 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Tgt Ion:	43	Resp:	112790
Ion Ratio		Lower	Upper
43	100		
58	30.0	25.7	38.5





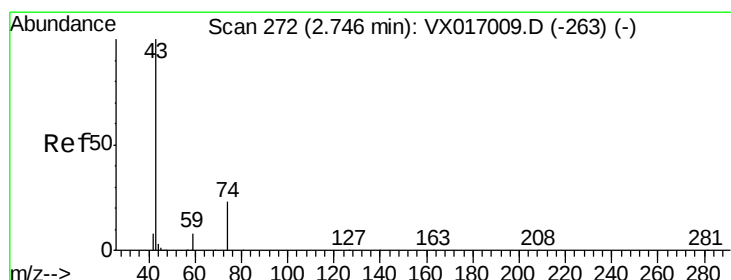
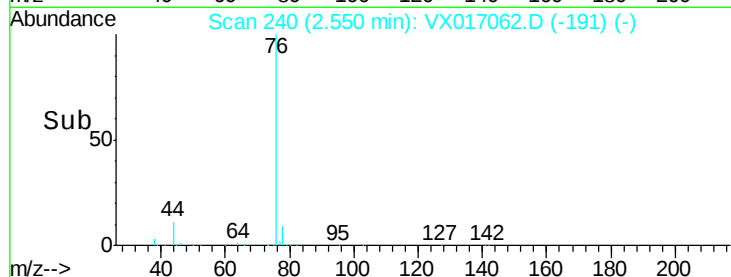
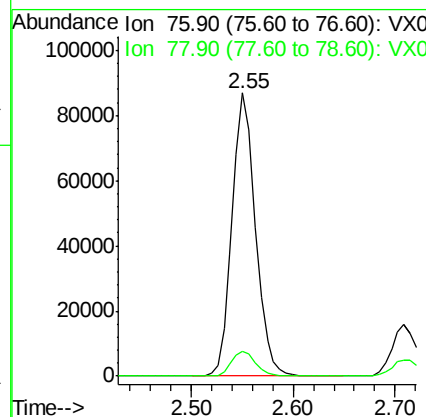
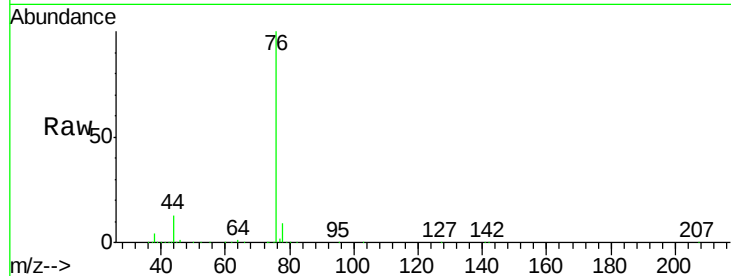
#17
Carbon Disulfide
Concen: 19.053 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.2	10.8

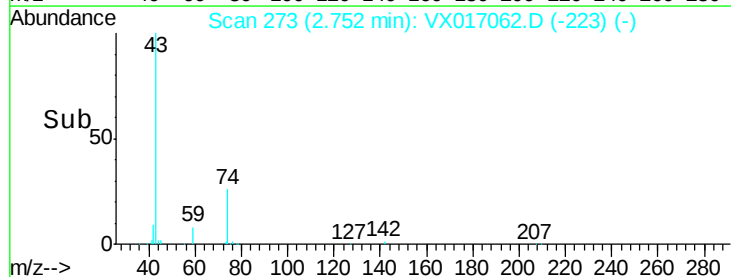
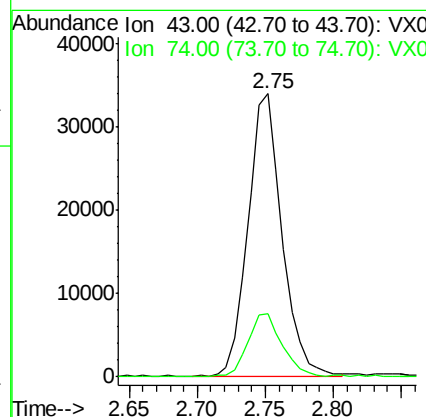
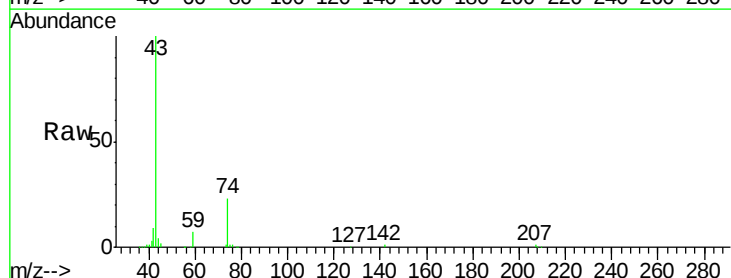
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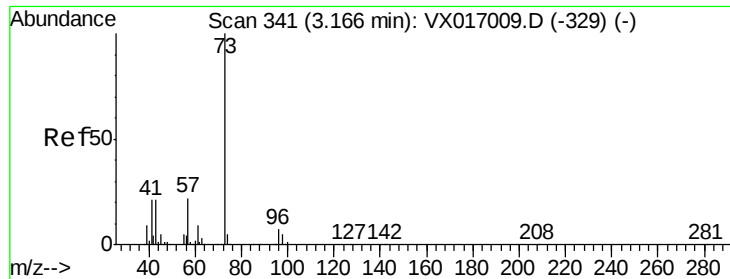
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#18
Methyl Acetate
Concen: 18.931 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	19.3	28.9





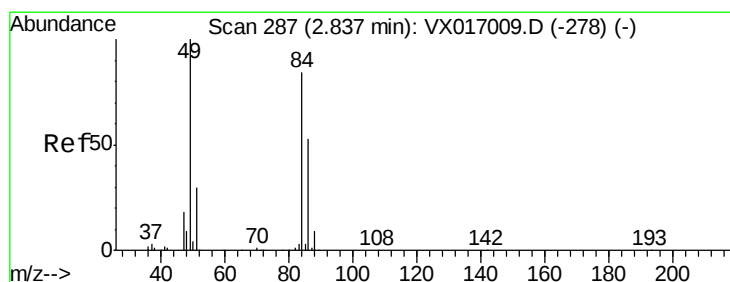
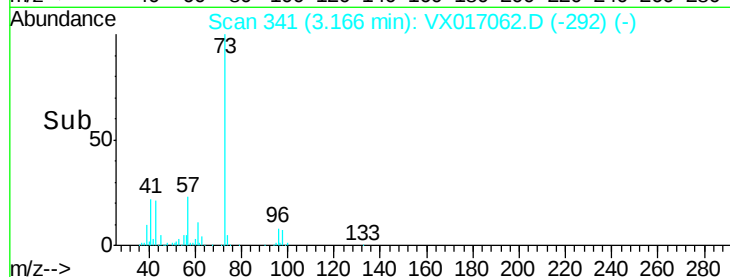
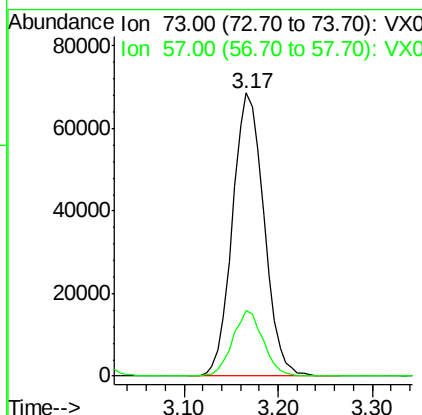
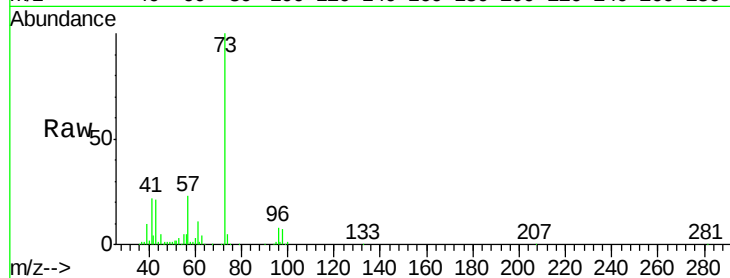
#19
Methyl tert-butyl Ether
Concen: 18.439 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	17.6	26.4

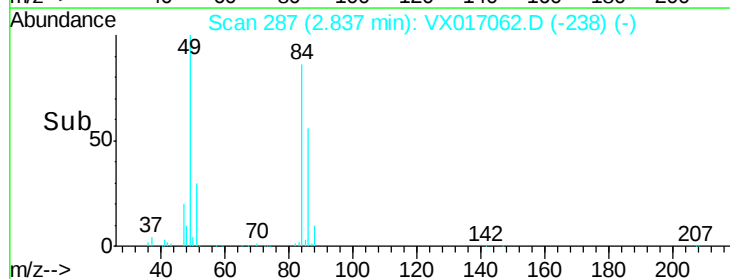
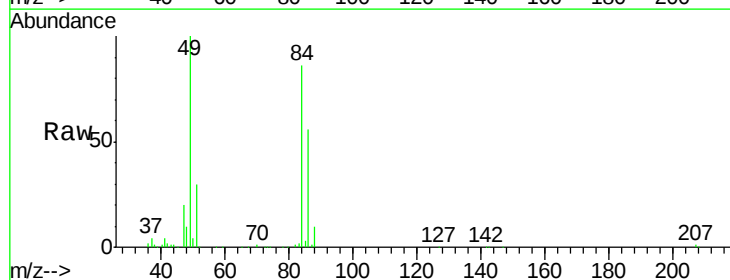
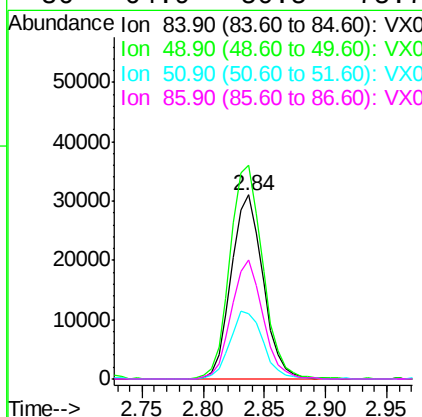
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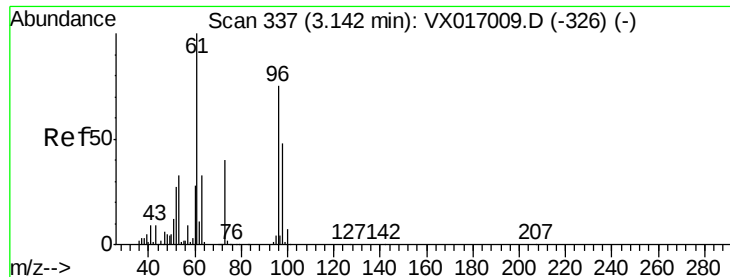
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#20
Methylene Chloride
Concen: 19.677 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.2	94.7	142.1
51	35.4	28.6	42.8
86	64.9	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 18.029 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

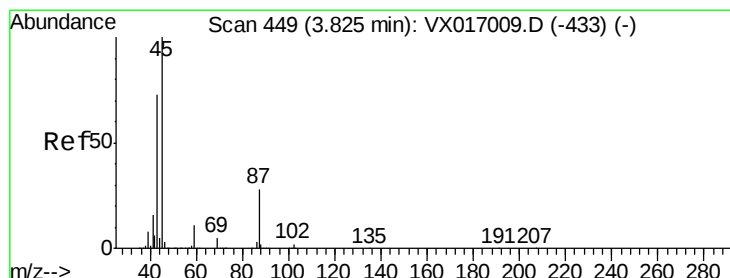
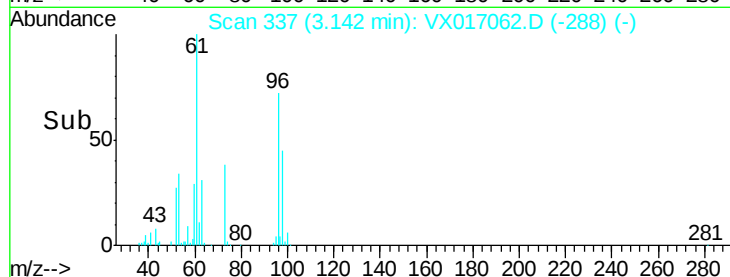
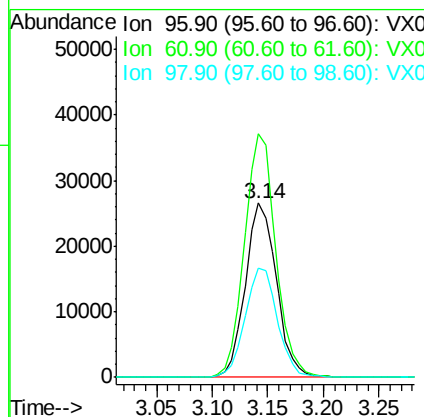
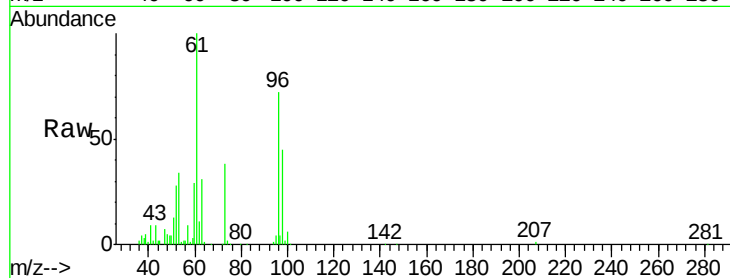
ClientSampled :

VX0630WBS02

Tot Ion:	96	Resp:	51907
Ion	Ratio	Lower	Upper
96	100		
61	139.7	107.0	160.6
98	62.5	51.6	77.4

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#22

Diisopropyl ether

Concen: 19.189 ug/l

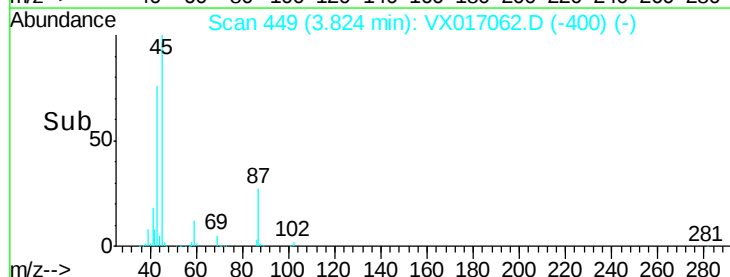
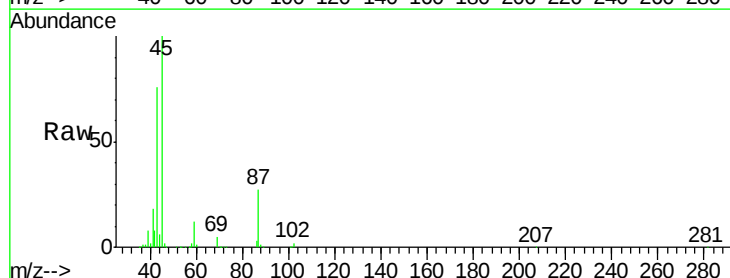
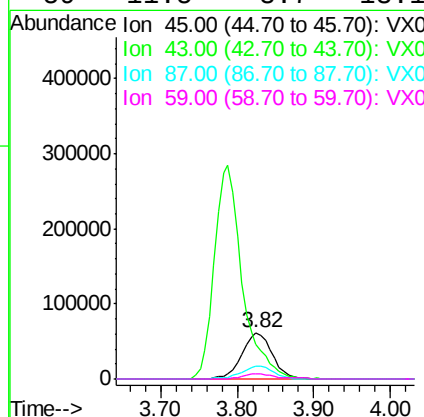
RT: 3.82 min Scan# 449

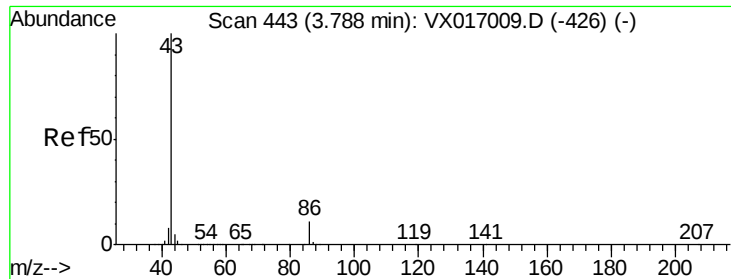
Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Tgt Ion:	45	Resp:	170286
Ion	Ratio	Lower	Upper
45	100		
43	75.4	58.6	88.0
87	27.2	22.6	34.0
59	11.5	8.7	13.1





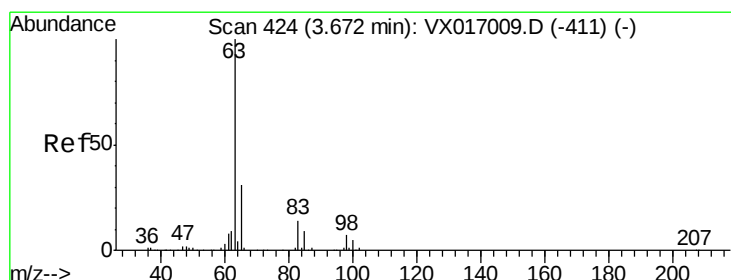
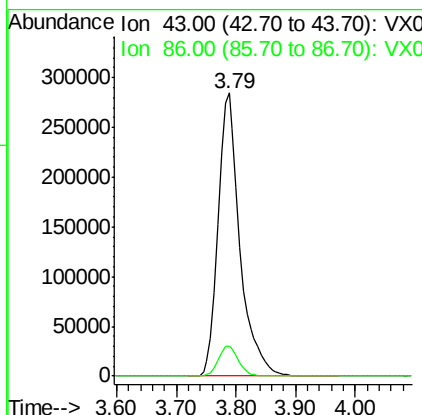
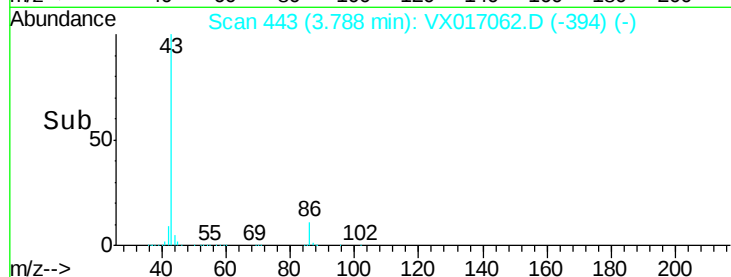
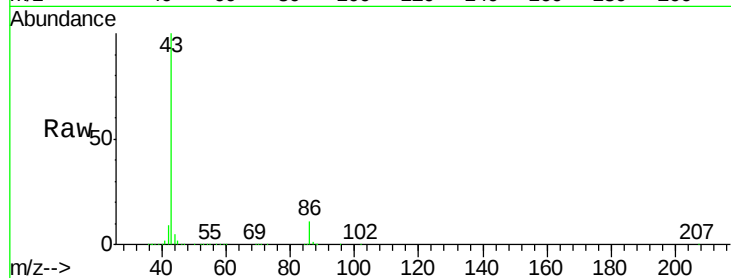
#23
 Vinyl Acetate
 Concen: 94.726 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX017062.D
 Acq: 30 Jun 2020 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.6	8.6	13.0

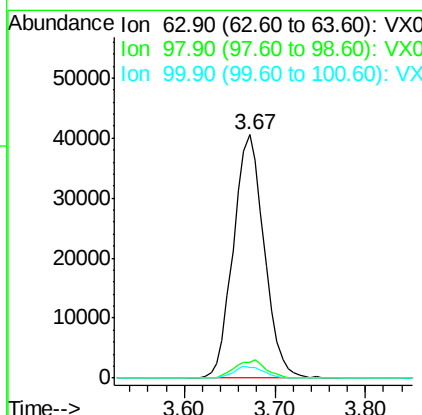
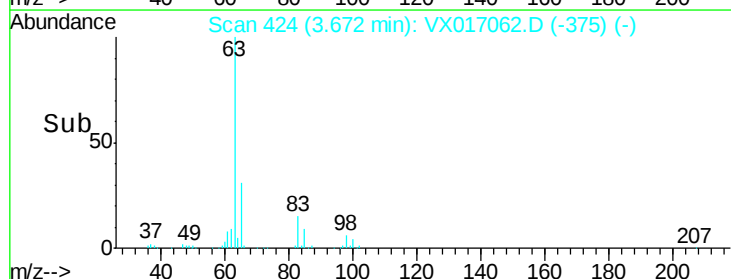
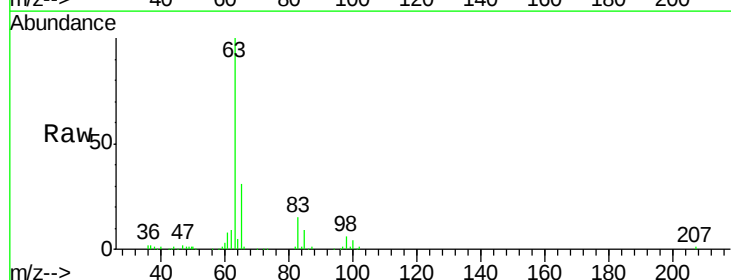
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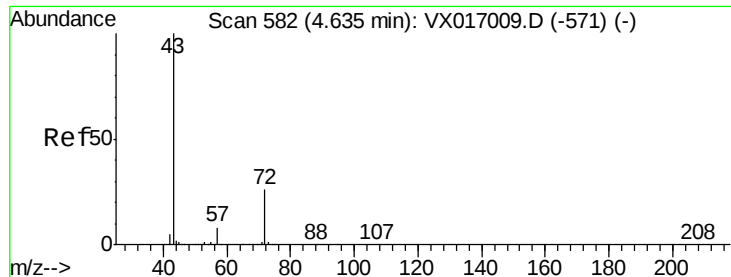
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#24
 1,1-Dichloroethane
 Concen: 18.920 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017062.D
 Acq: 30 Jun 2020 22:51

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.6	10.8
100	4.4	2.4	7.1





#25

2-Butanone

Concen: 91.637 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

ClientSampled :

VX0630WBS02

Tot Ion: 43 Resp: 184659

Ion Ratio Lower Upper

43 100

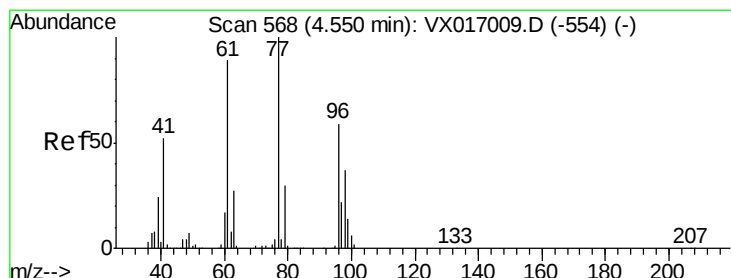
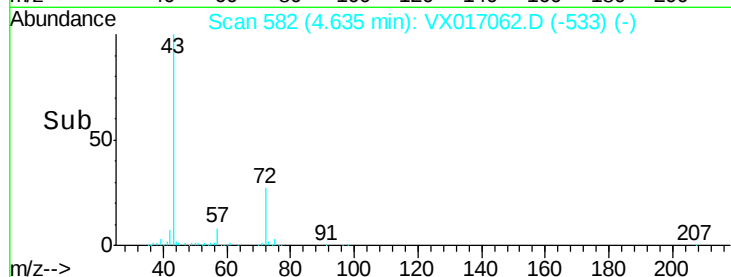
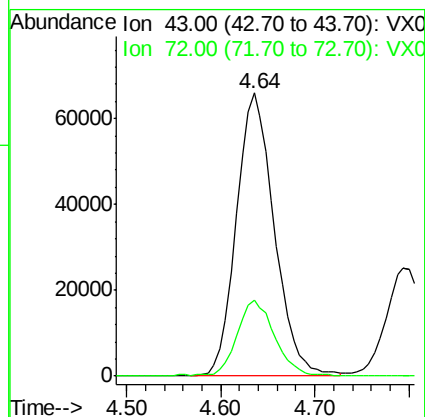
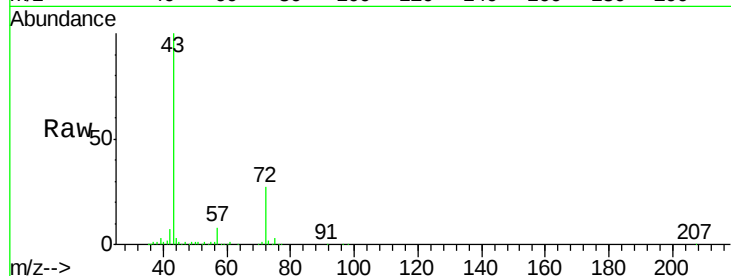
72 26.7 20.8 31.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 14.947 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017062.D

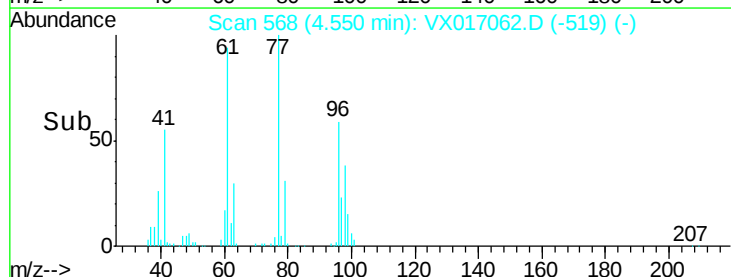
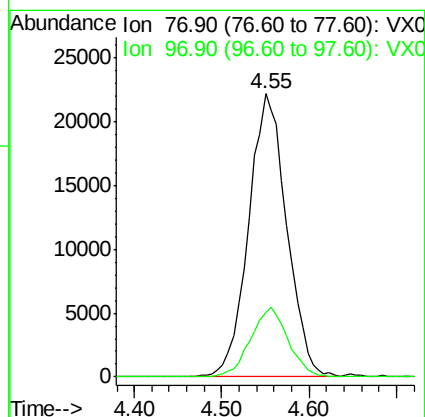
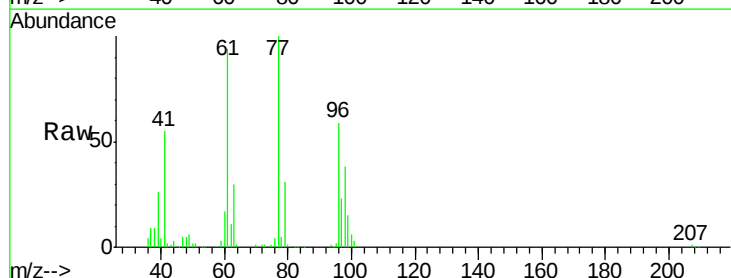
Acq: 30 Jun 2020 22:51

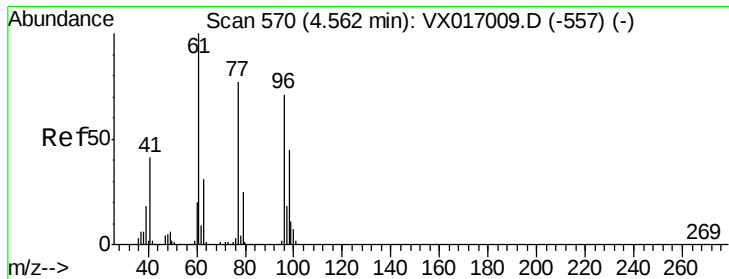
Tgt Ion: 77 Resp: 67015

Ion Ratio Lower Upper

77 100

97 24.1 11.4 34.2





#27

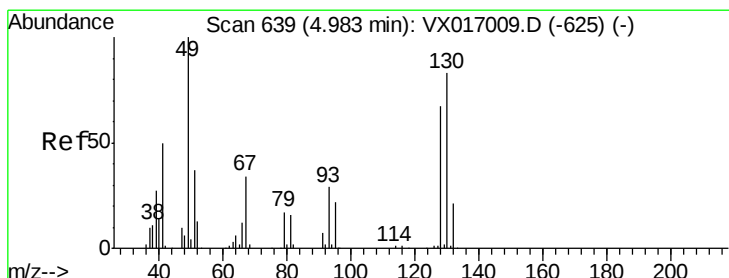
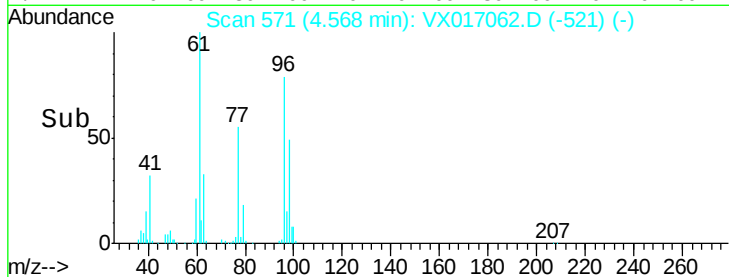
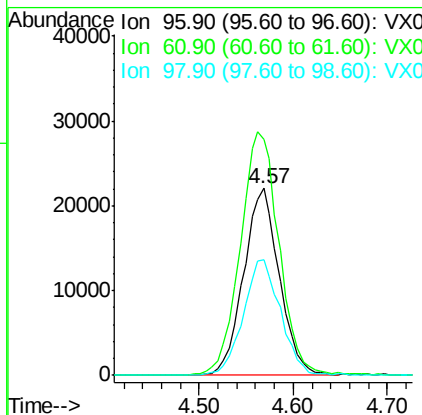
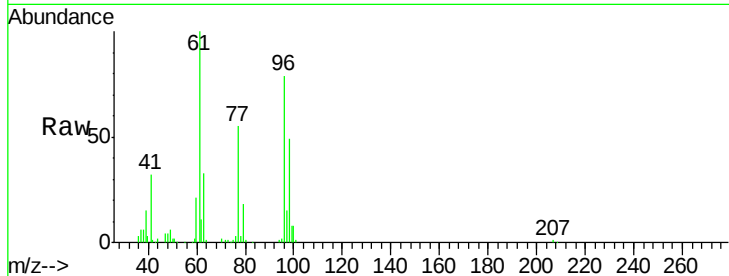
cis-1,2-Dichloroethene
Concen: 18.007 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	282.8
98	64.2	0.0	127.6

Manual Integrations
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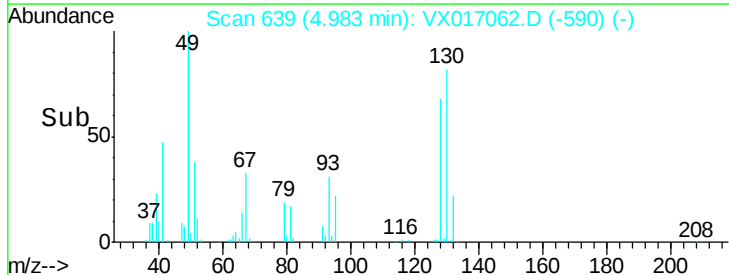
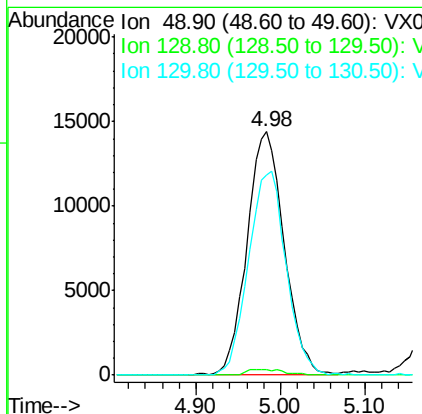
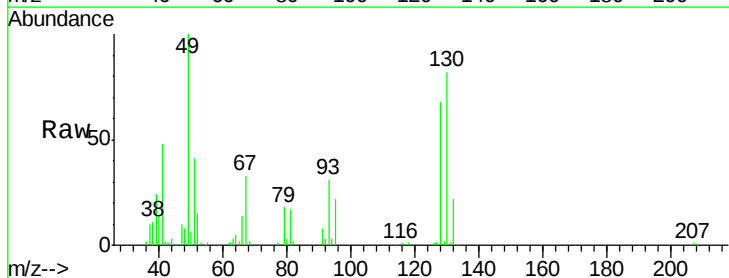
MMDadoda
7/1/2020 10:48:53 AM

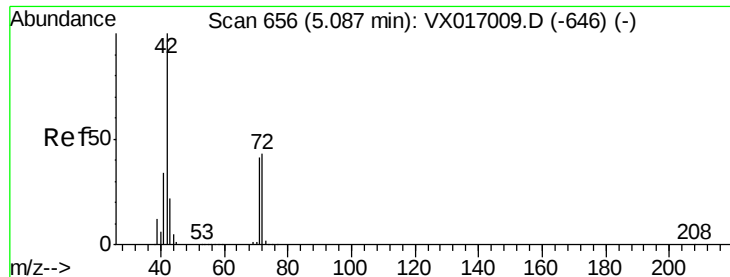


#28

Bromochloromethane
Concen: 17.651 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	84.8	66.6	100.0





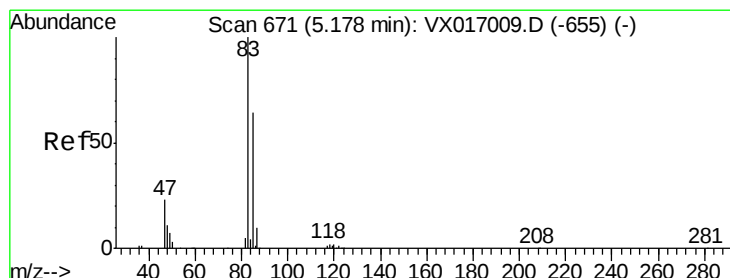
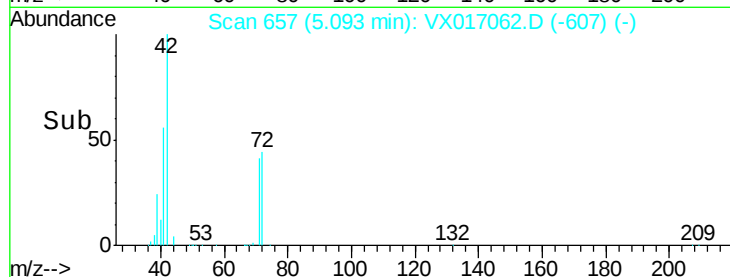
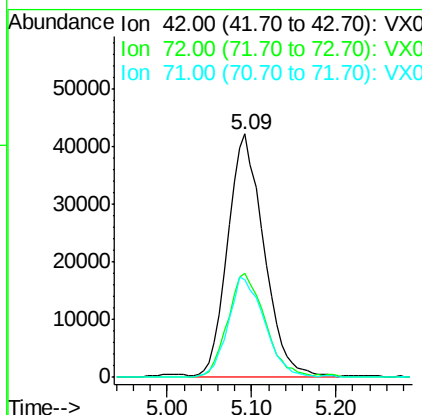
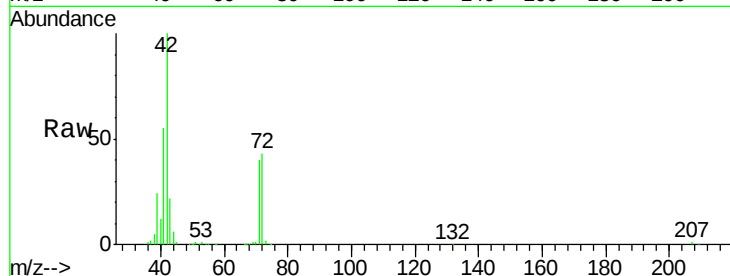
#29
Tetrahydrofuran
Concen: 91.866 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Instrument :
MSVOA_X
ClientSampled :
VX0630WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.3	52.9
71	41.8	33.1	49.7

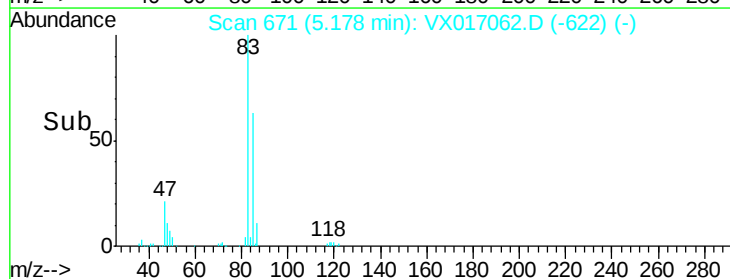
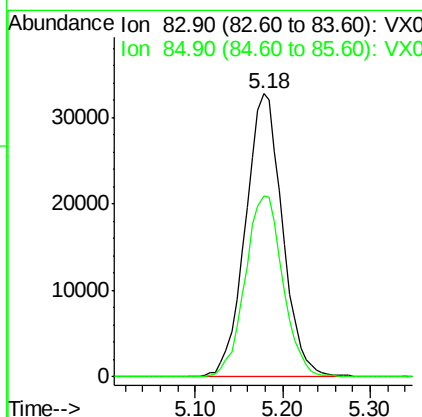
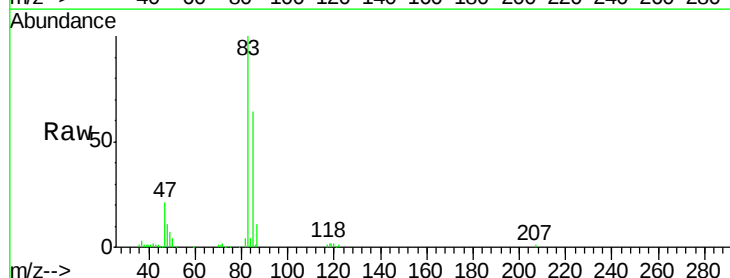
Manual Integrations
APPROVED

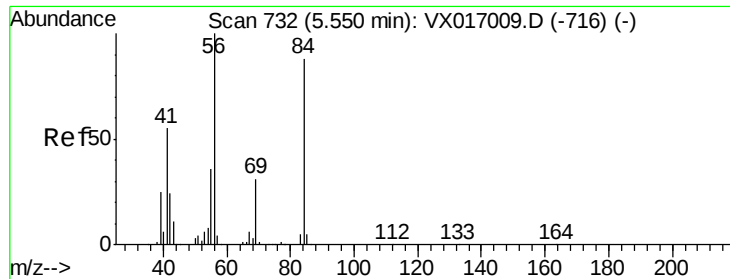
MMDadoda
7/1/2020 10:48:53 AM



#30
Chloroform
Concen: 18.588 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.4	77.2





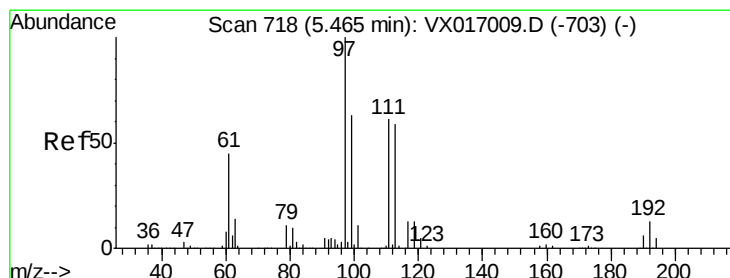
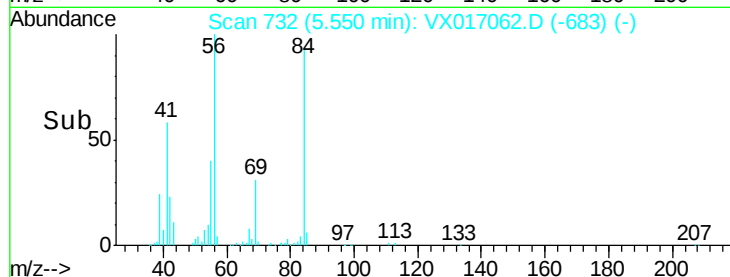
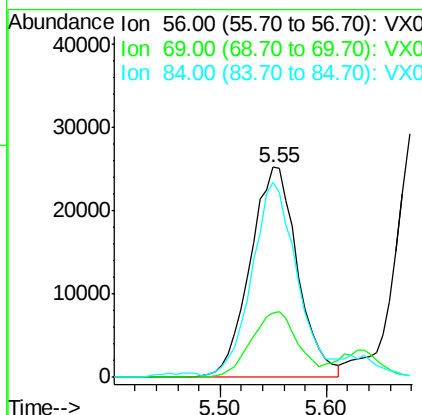
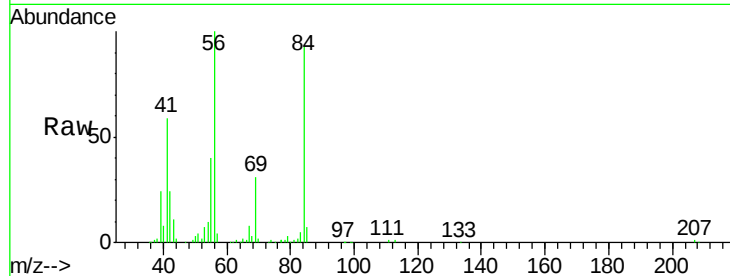
#31
Cyclohexane
Concen: 17.971 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.0	37.4
84	90.7	69.1	103.7

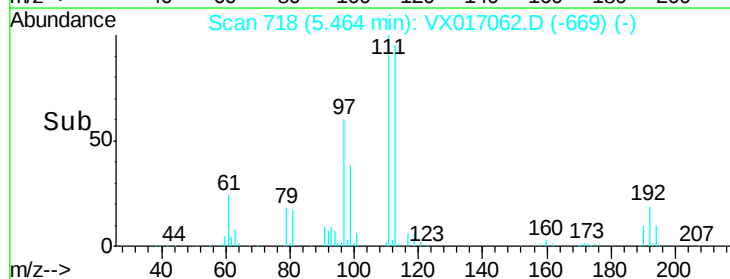
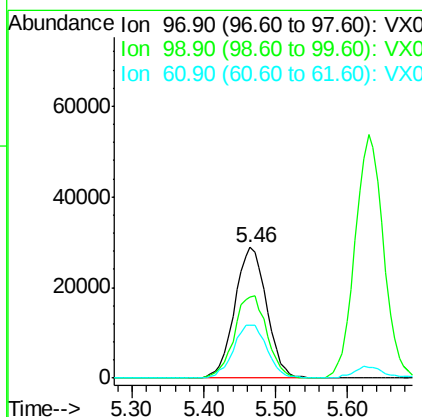
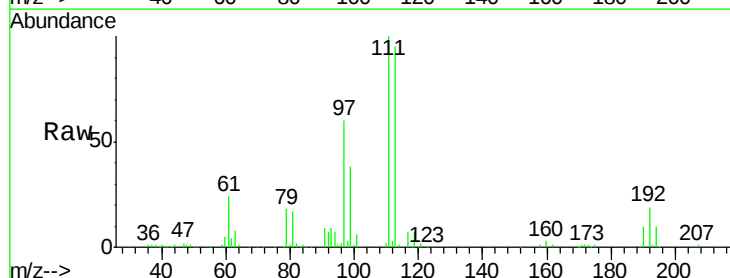
Manual Integrations
APPROVED

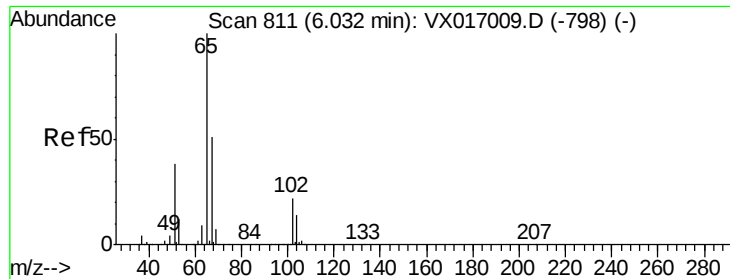
MMDadoda
7/1/2020 10:48:53 AM



#32
1,1,1-Trichloroethane
Concen: 18.646 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.8	76.2
61	42.8	33.7	50.5





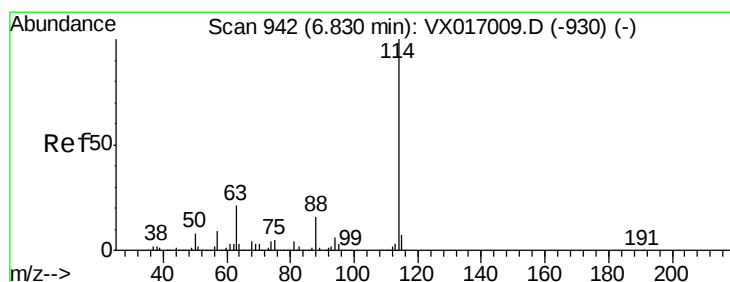
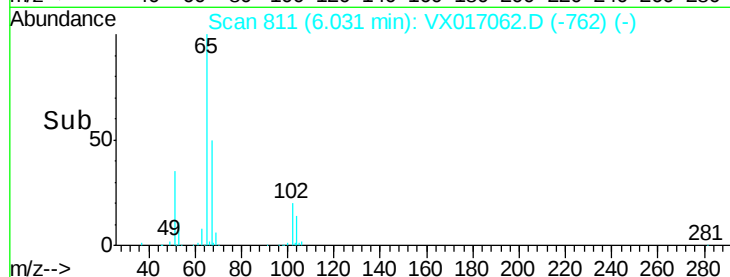
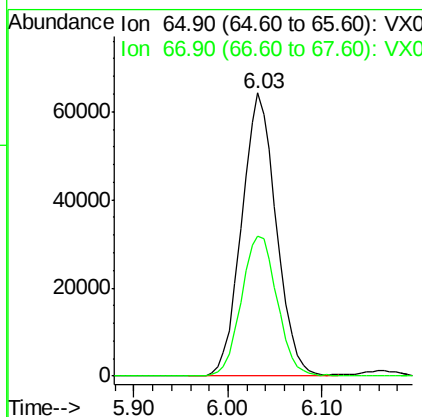
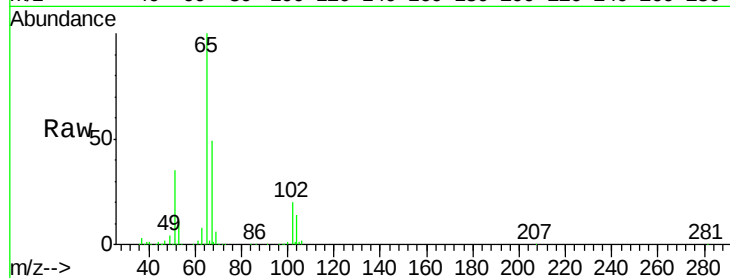
#33
 1,2-Dichloroethane-d4
 Concen: 51.072 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017062.D
 Acq: 30 Jun 2020 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.8

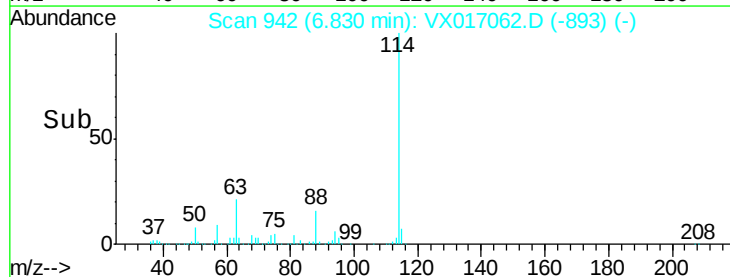
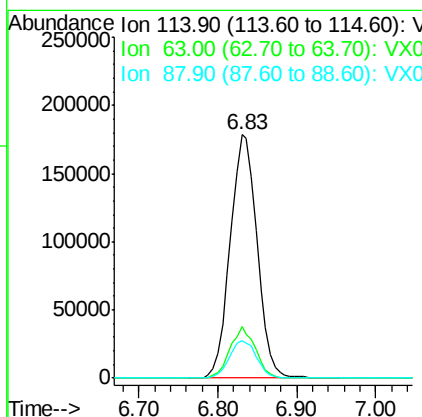
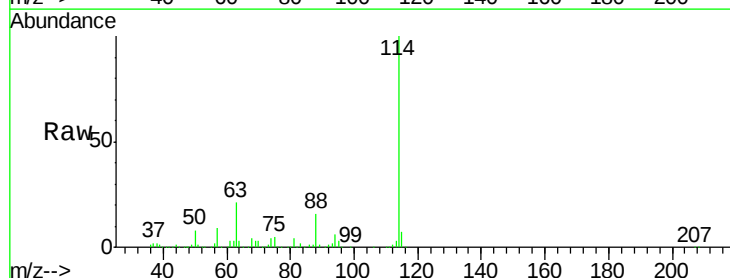
Manual Integrations
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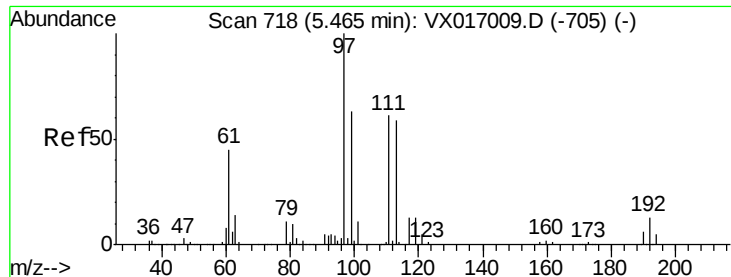
MMDadoda
 7/1/2020 10:48:53 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017062.D
 Acq: 30 Jun 2020 22:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.4
88	15.7	0.0	32.4





#35

Dibromofluoromethane

Concen: 50.133 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

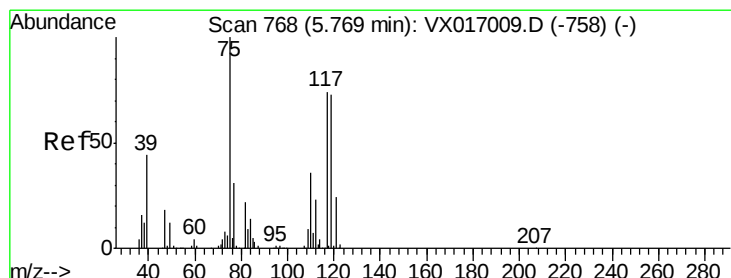
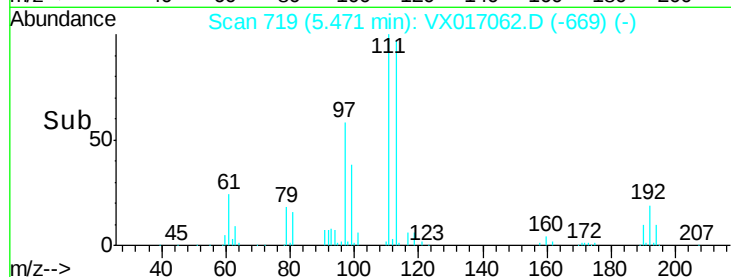
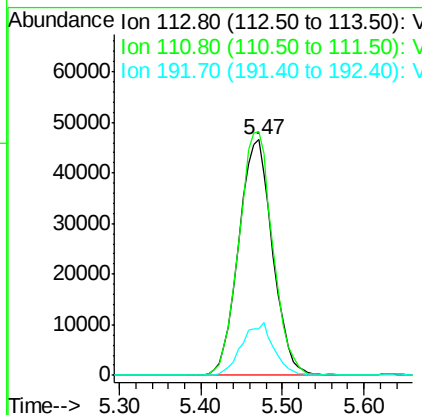
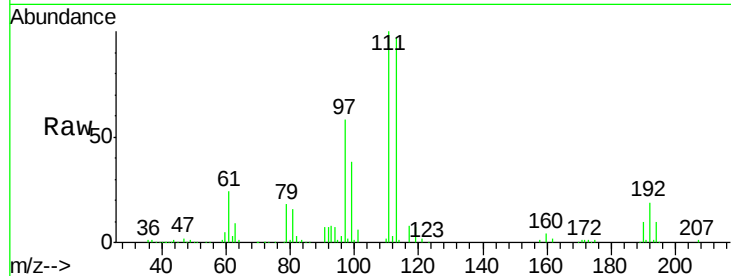
ClientSampled :

VX0630WBS02

Tot Ion:	113	Resp:	134301
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.9	122.9
192	21.2	16.7	25.1

Manual Integrations
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7/1/2020 10:48:53 AM



#36

1,1-Dichloropropene

Concen: 17.532 ug/l

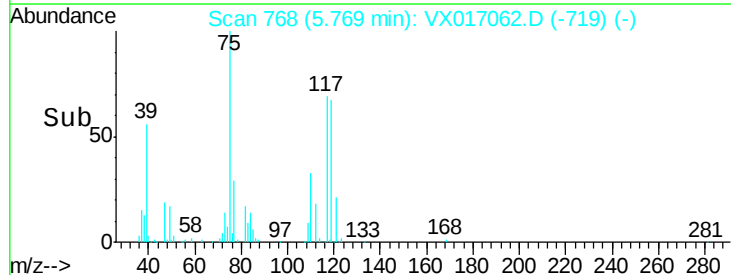
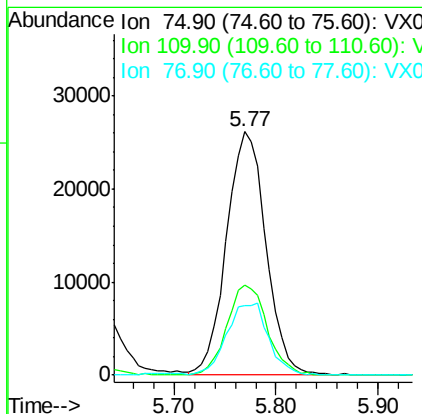
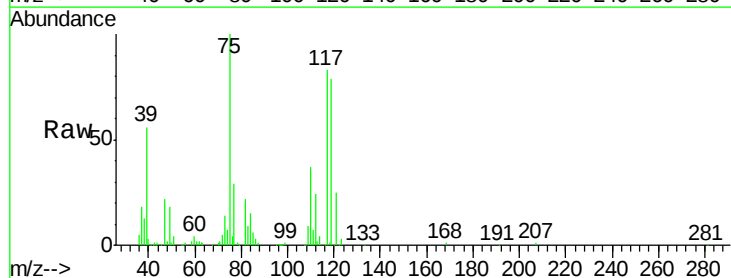
RT: 5.77 min Scan# 768

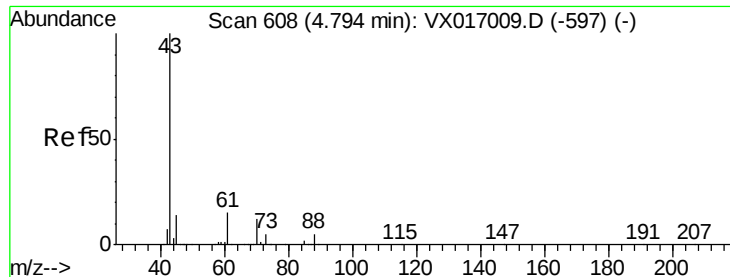
Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Tgt Ion:	75	Resp:	70172
Ion Ratio	Lower	Upper	
75	100		
110	37.8	18.1	54.1
77	31.1	24.6	37.0





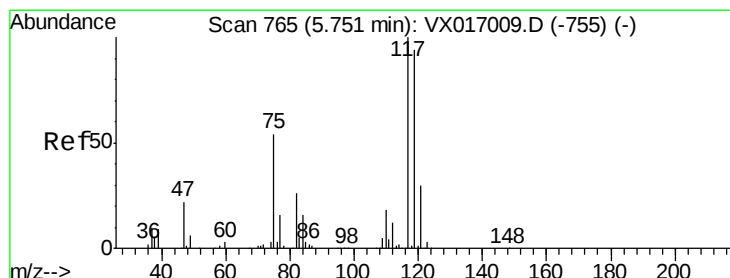
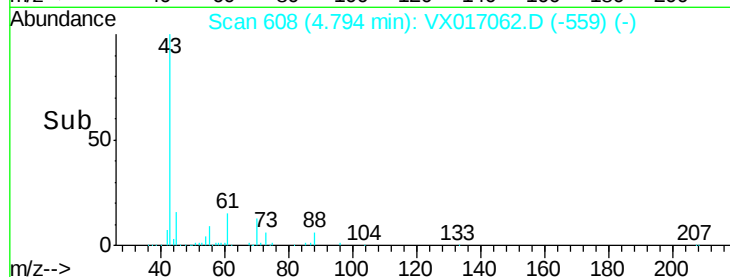
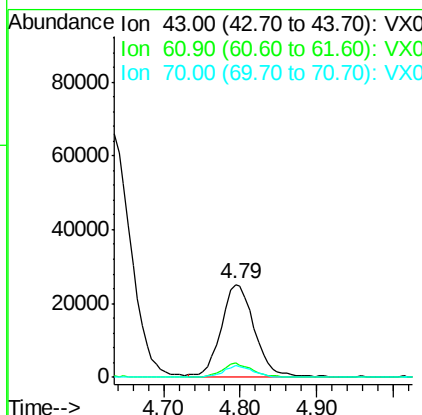
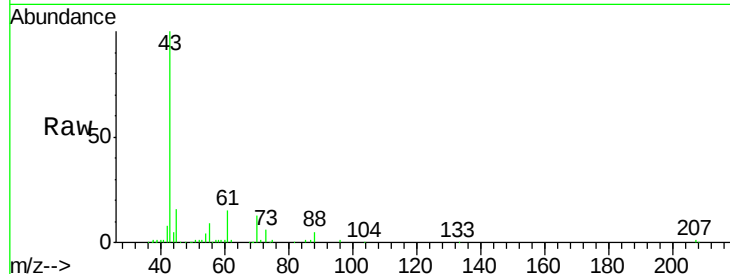
#37
Ethyl Acetate
Concen: 18.208 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Instrument :
MSVOA_X
ClientSampled :
VX0630WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.0	16.4
70	11.7	8.9	13.3

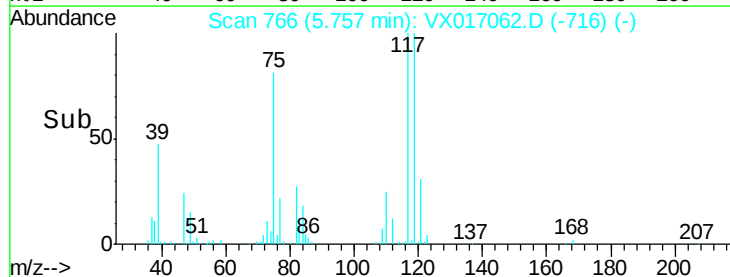
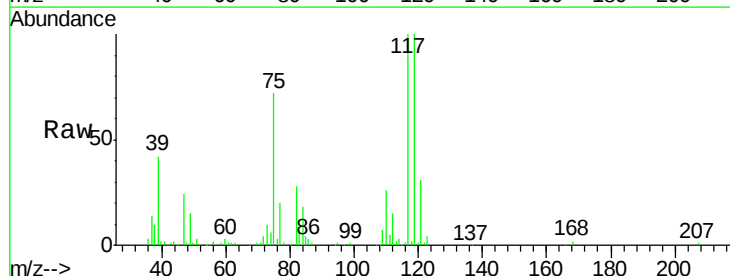
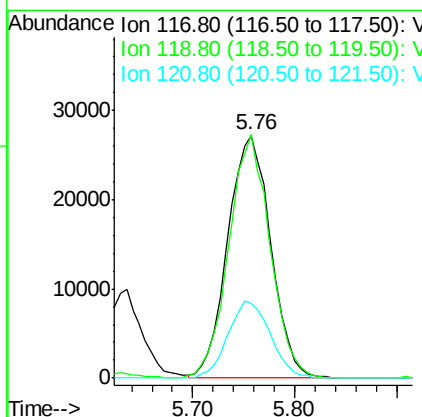
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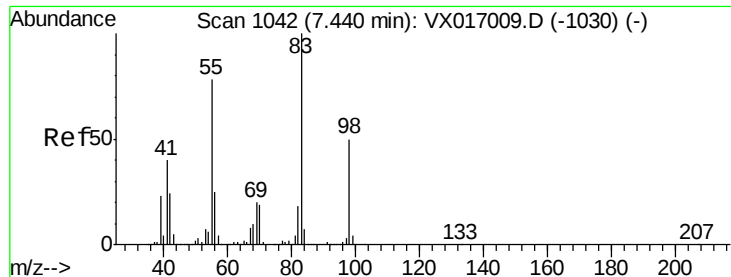
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#38
Carbon Tetrachloride
Concen: 18.067 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.3	75.4	113.0
121	30.9	23.8	35.6





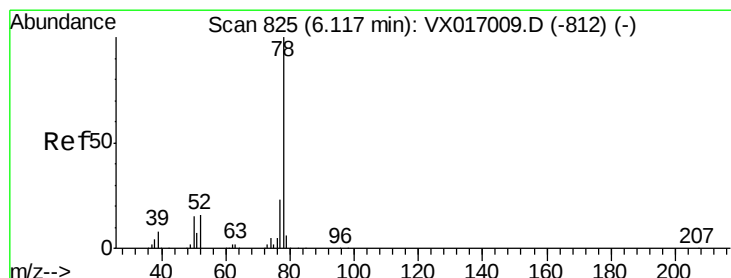
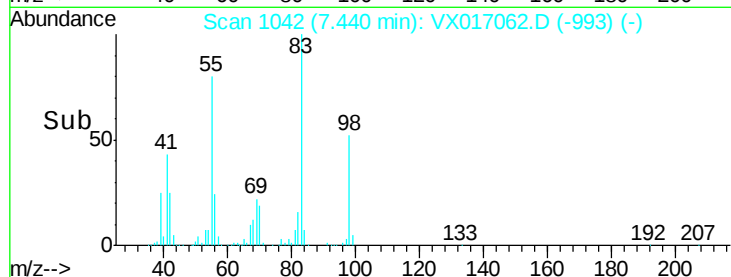
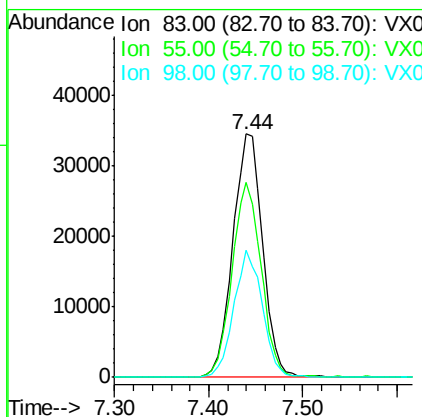
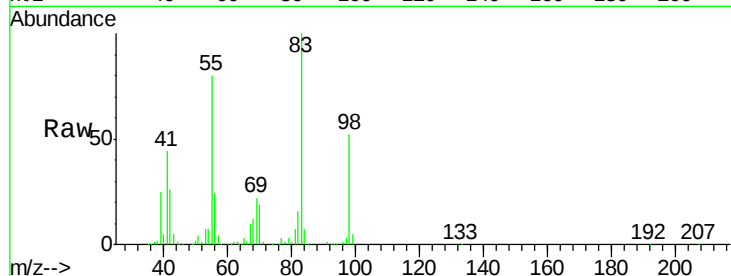
#39
Methvlcvclohexane
Concen: 17.015 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Instrument :
MSVOA_X
ClientSampled :
VX0630WBS02

Tot Ion	83	Resp	75771
Ion Ratio	100	Lower	Upper
83	100		
55	80.3	62.5	93.7
98	52.4	40.1	60.1

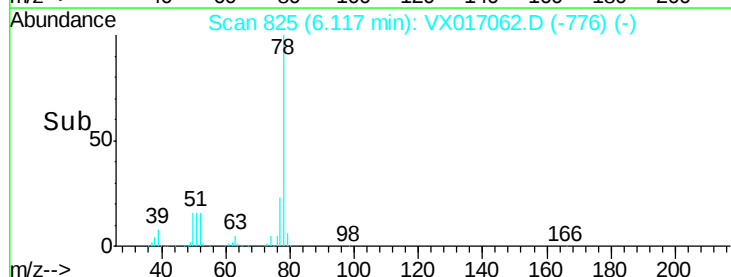
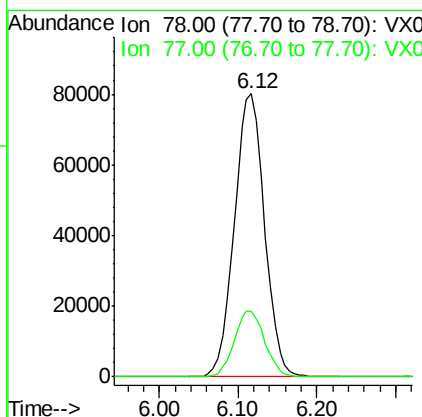
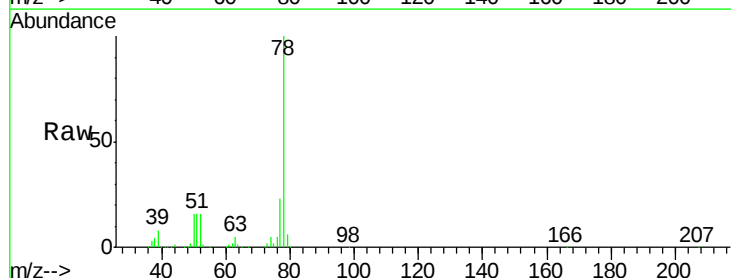
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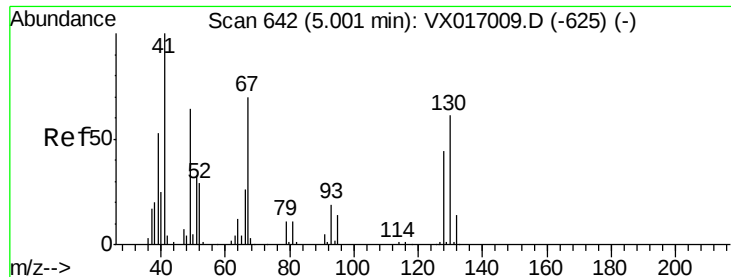
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#40
Benzene
Concen: 18.123 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Tgt Ion	78	Resp	213126
Ion Ratio	100	Lower	Upper
78	100		
77	23.1	18.3	27.5





#41

Methacrylonitrile

Concen: 17.669 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS02

Tot Ion: 41 Resp: 40385

Ion Ratio Lower Upper

41 100

39 56.1 44.4 66.6

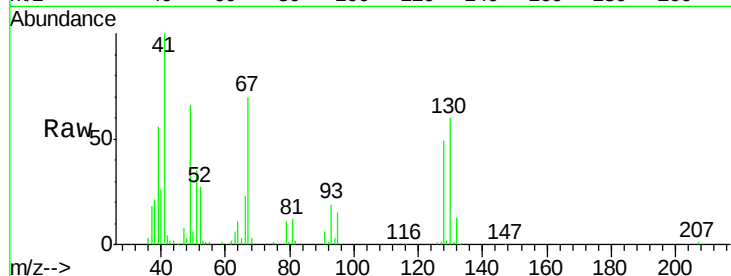
67 72.8 57.1 85.7

52 31.8 23.2 34.8

Manual Integrations
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MMDadoda

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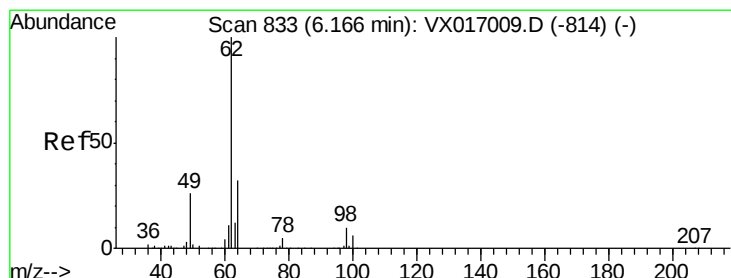
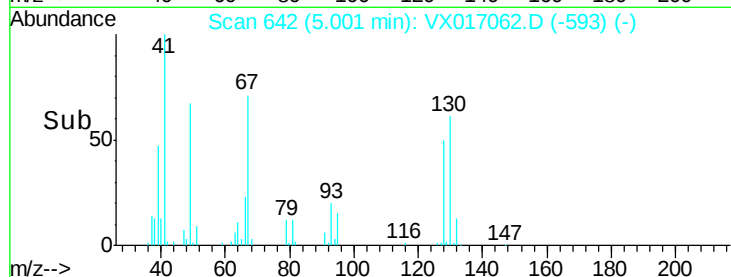
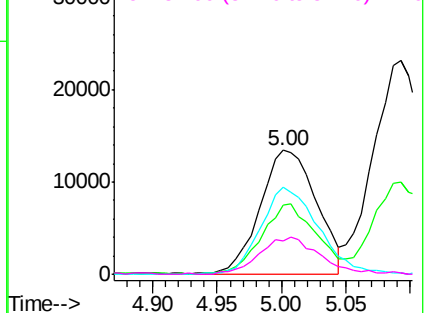


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.748 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX017062.D

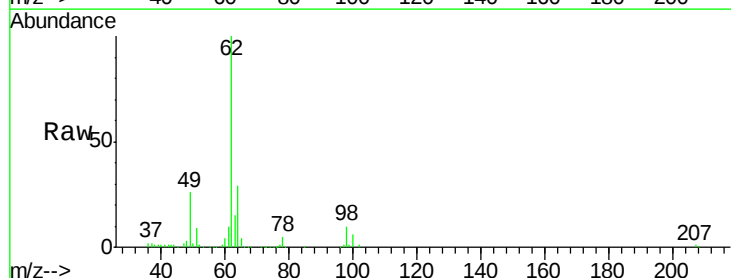
Acq: 30 Jun 2020 22:51

Tgt Ion: 62 Resp: 79640

Ion Ratio Lower Upper

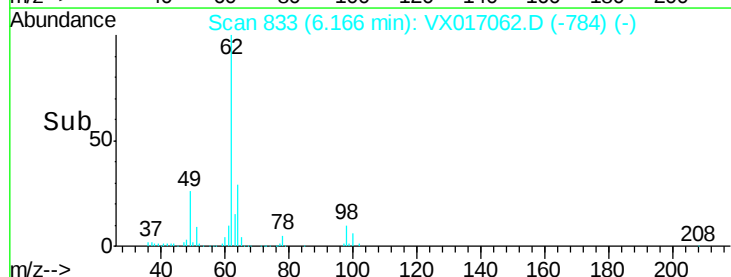
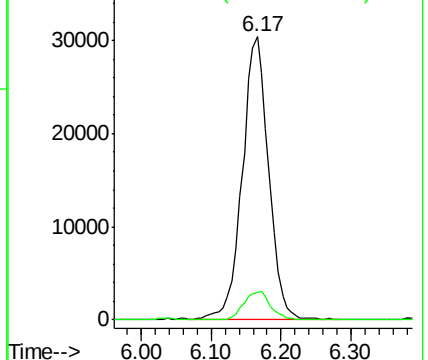
62 100

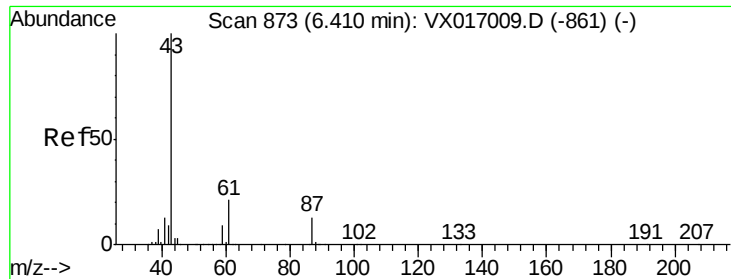
98 10.0 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

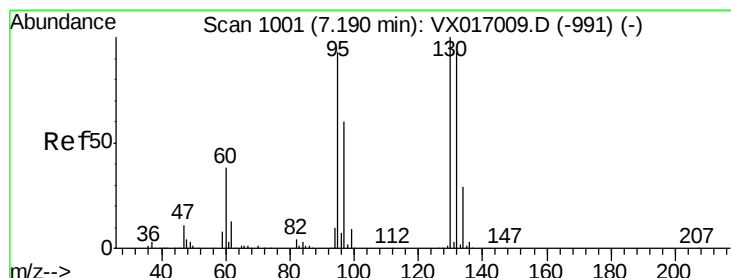
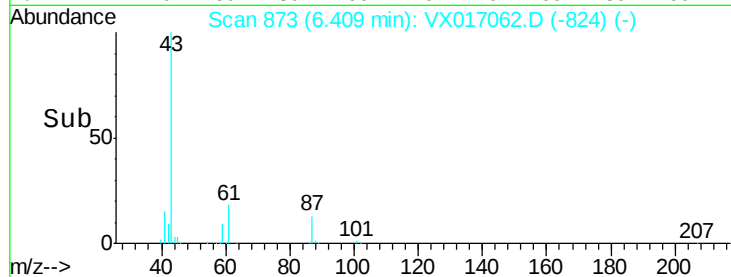
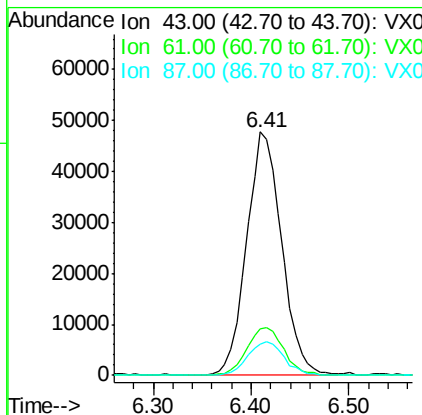
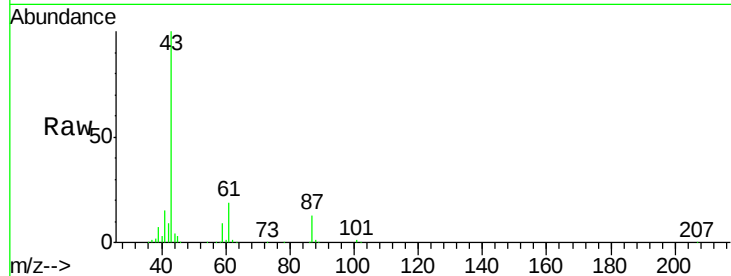
Isopropyl Acetate
 Concen: 17.567 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX017062.D
 Acq: 30 Jun 2020 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS02

Tot Ion	43	Resp	118542
Ion Ratio	100	Lower	Upper
43	100		
61	20.7	16.2	24.2
87	14.2	10.7	16.1

Manual Integrations
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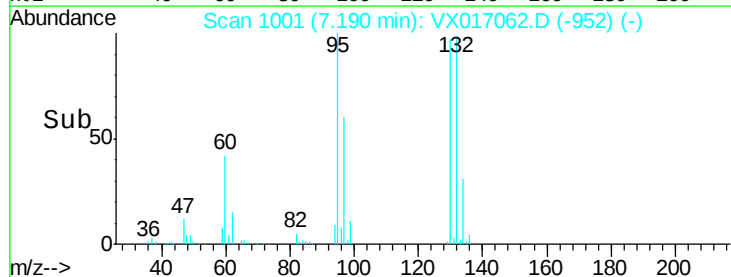
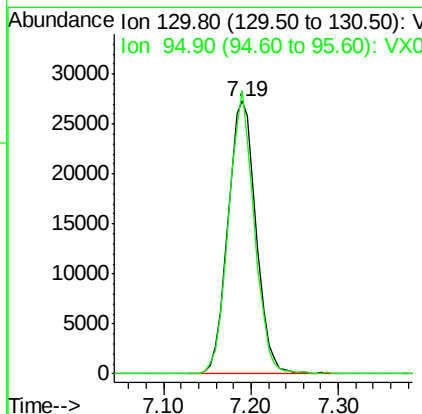
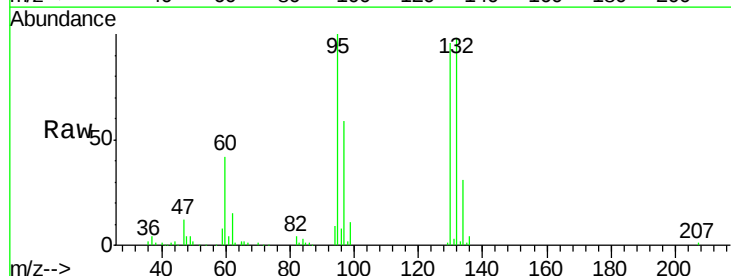
MMDadoda
 7/1/2020 10:48:53 AM



#44

Trichloroethene
 Concen: 18.569 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017062.D
 Acq: 30 Jun 2020 22:51

Tgt Ion	130	Resp	60891
Ion Ratio	100	Lower	Upper
130	100		
95	103.8	0.0	185.0





#45

1,2-Dichloropropane

Concen: 18.093 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

ClientSampled :

VX0630WBS02

Tot Ion: 63 Resp: 54650

Ion Ratio Lower Upper

63 100

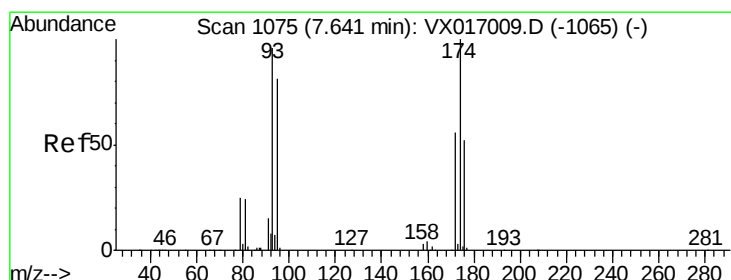
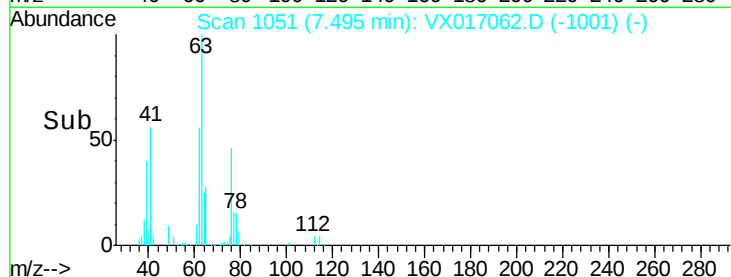
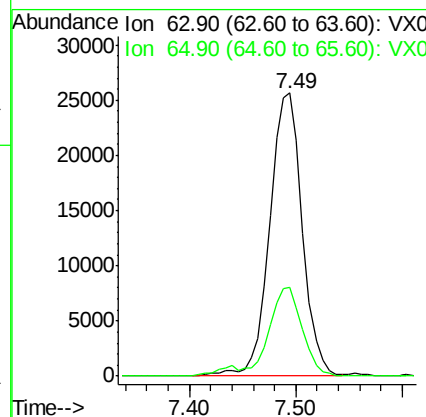
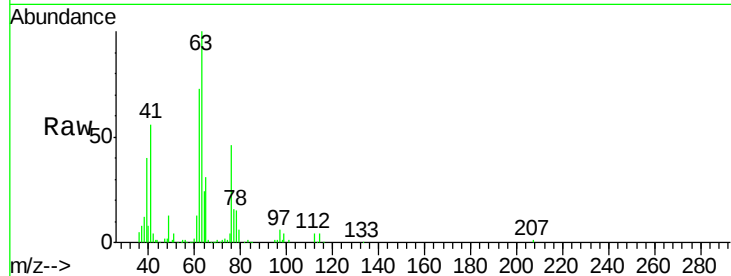
65 31.3 24.6 36.8

Manual Integrations

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MMDadoda

7/1/2020 10:48:53 AM



#46

Dibromomethane

Concen: 18.223 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

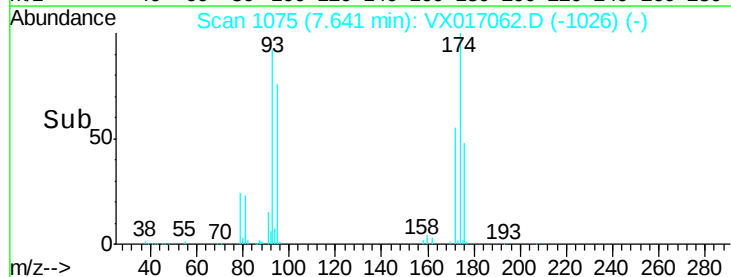
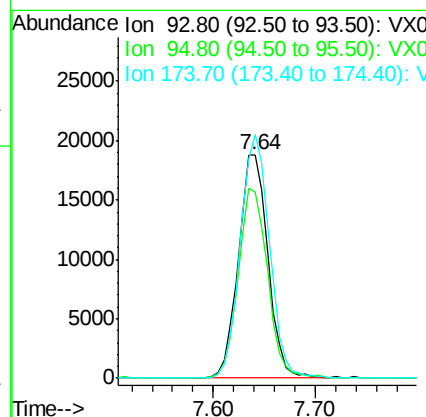
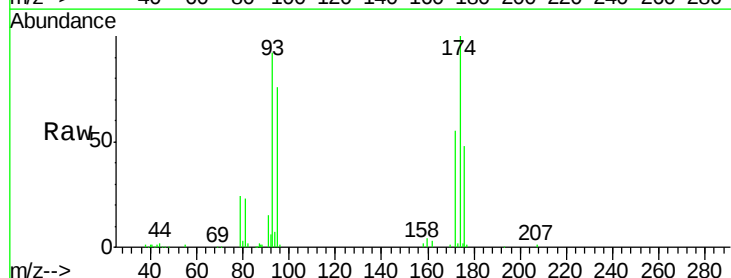
Tgt Ion: 93 Resp: 37578

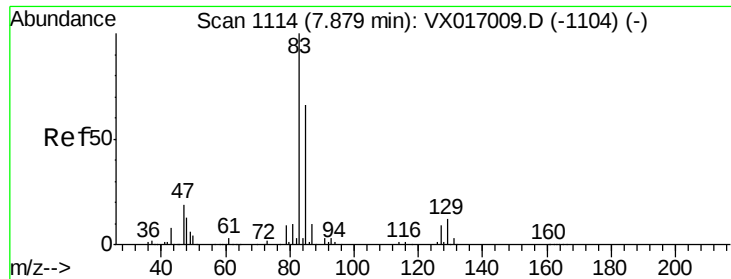
Ion Ratio Lower Upper

93 100

95 84.4 67.4 101.0

174 107.6 84.3 126.5





#47

Bromodichloromethane

Concen: 18.228 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

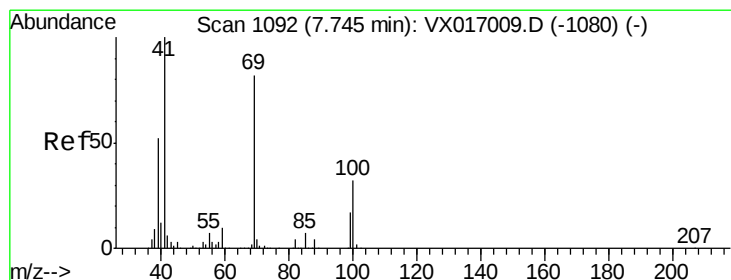
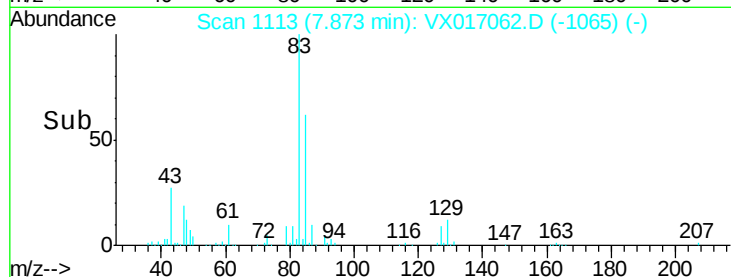
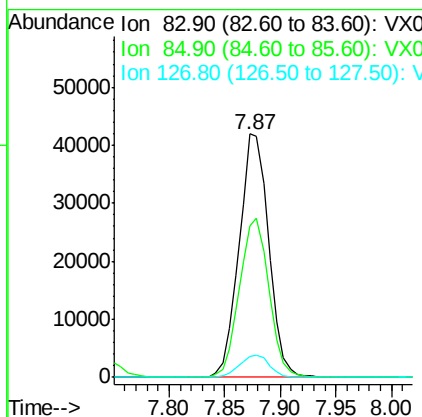
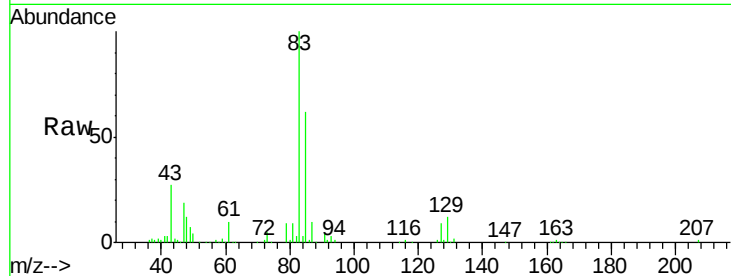
ClientSampled :

VX0630WBS02

Tot Ion:	83	Resp:	77465
Ion	Ratio	Lower	Upper
83	100		
85	62.2	53.0	79.4
127	8.6	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.948 ug/l

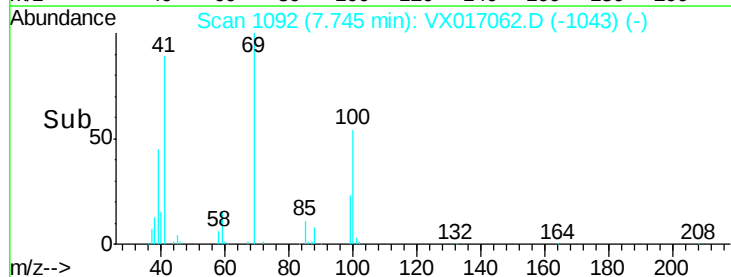
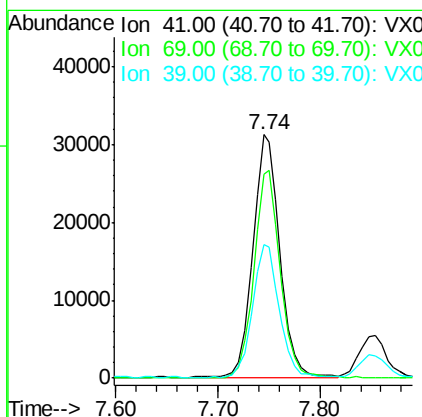
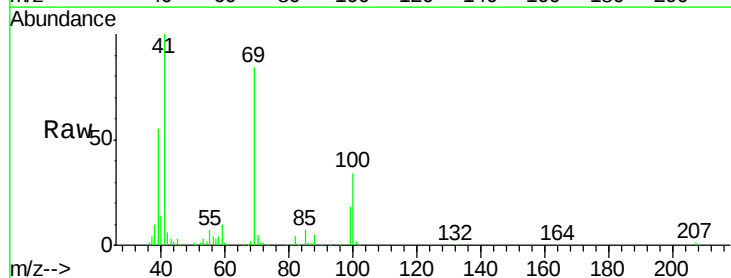
RT: 7.74 min Scan# 1092

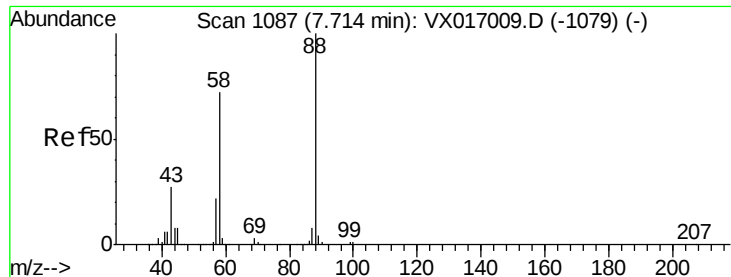
Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Tgt Ion:	41	Resp:	57542
Ion	Ratio	Lower	Upper
41	100		
69	83.9	65.8	98.8
39	55.5	42.5	63.7





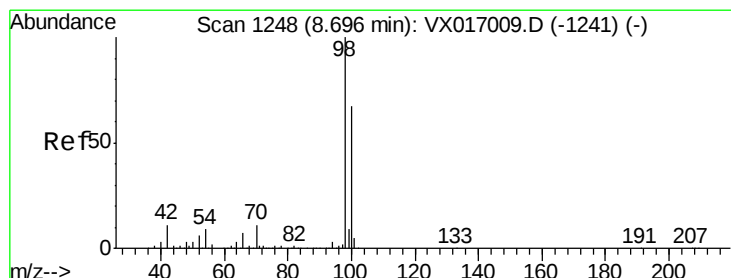
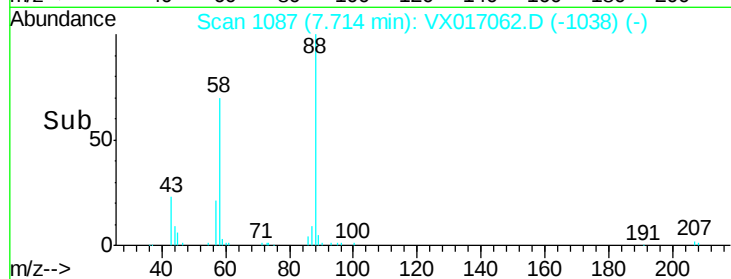
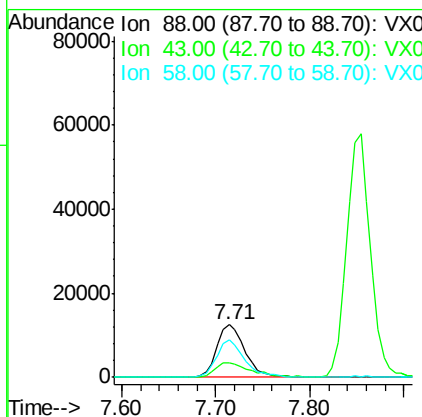
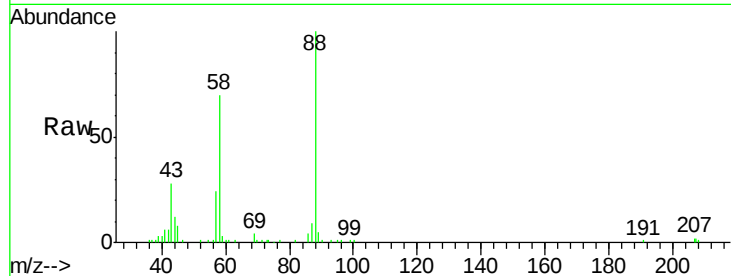
#49
1,4-Dioxane
Concen: 357.682 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.8	25.8	38.8
58	69.9	54.8	82.2

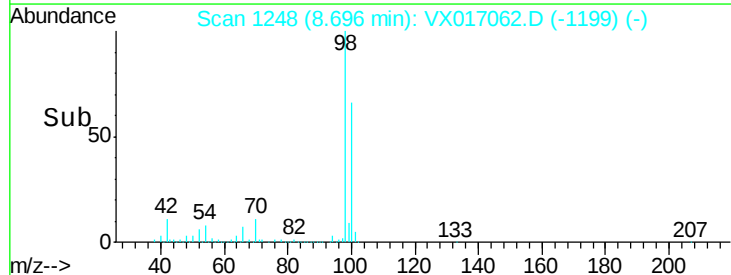
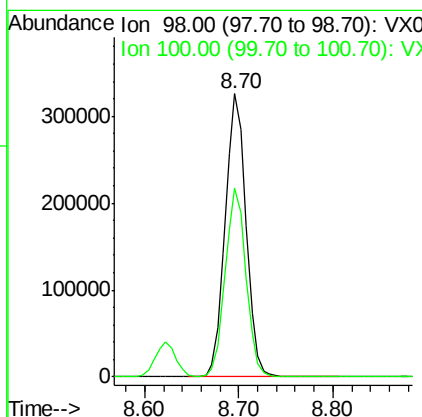
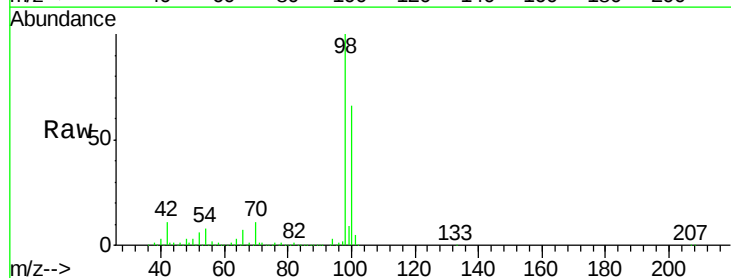
Manual Integrations
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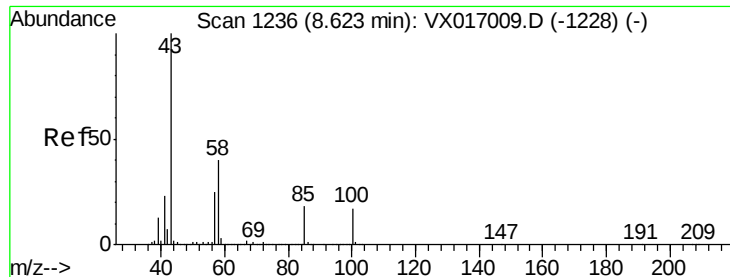
MMDadoda
7/1/2020 10:48:53 AM



#50
Toluene-d8
Concen: 50.541 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 92.527 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

ClientSampled :

VX0630WBS02

Tot Ion: 43 Resp: 372196

Ion Ratio Lower Upper

43 100

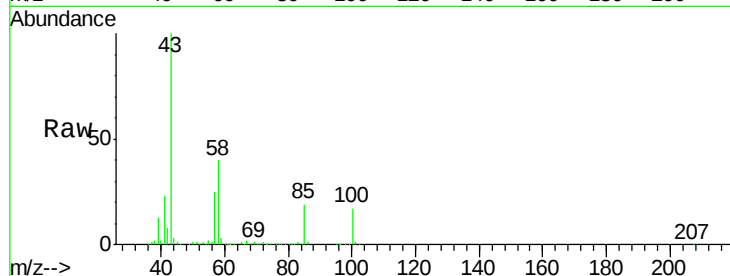
58 39.4 31.9 47.9

Manual Integrations

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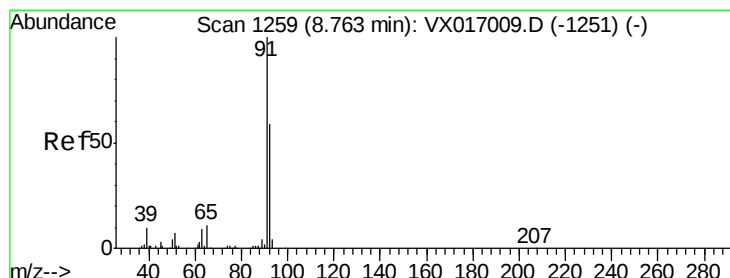
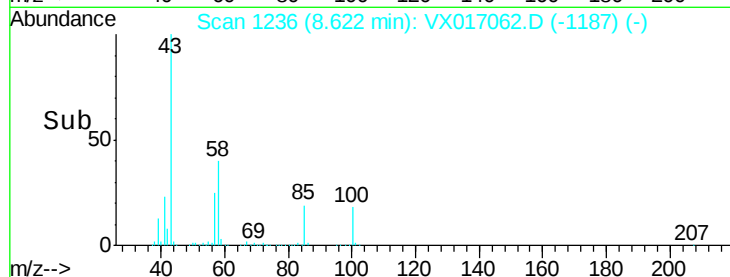
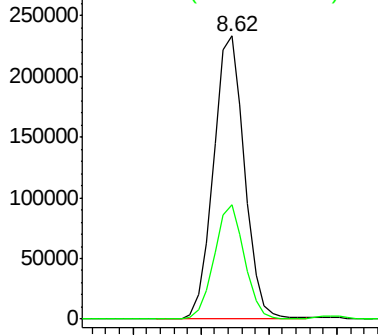
MMDadoda

7/1/2020 10:48:53 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.210 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017062.D

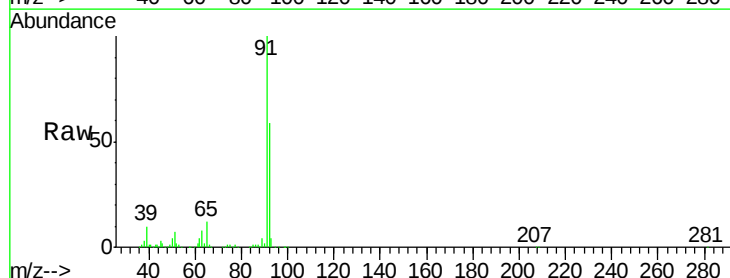
Acq: 30 Jun 2020 22:51

Tgt Ion: 92 Resp: 133703

Ion Ratio Lower Upper

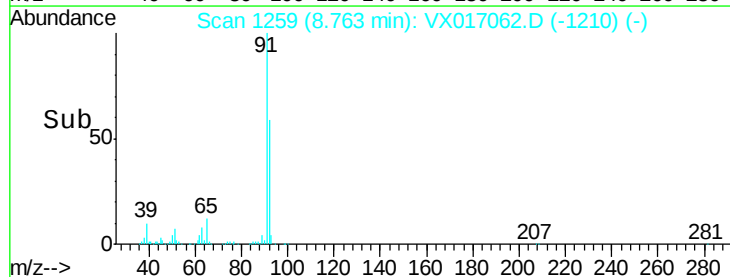
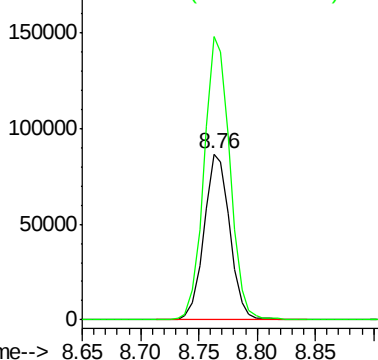
92 100

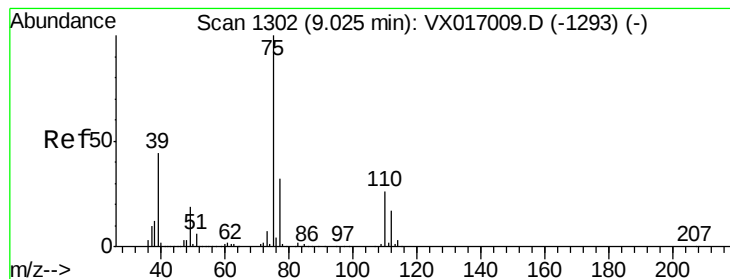
91 171.3 136.9 205.3



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: 17.110 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS02

Tot Ion: 75 Resp: 80228

Ion Ratio Lower Upper

75 100

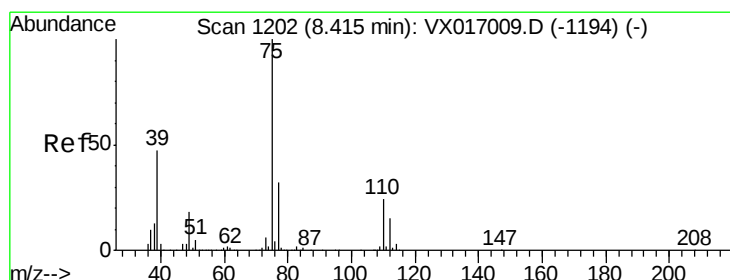
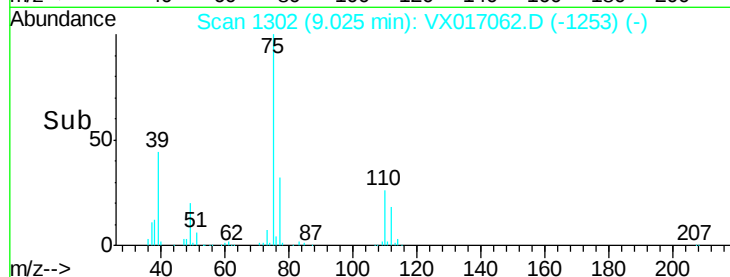
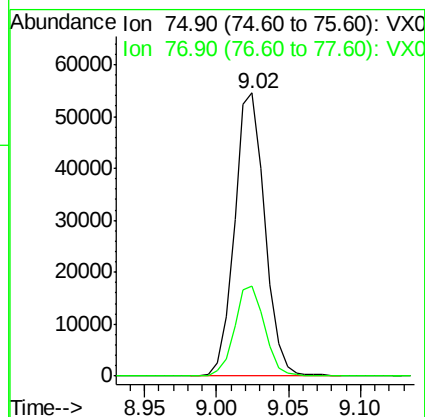
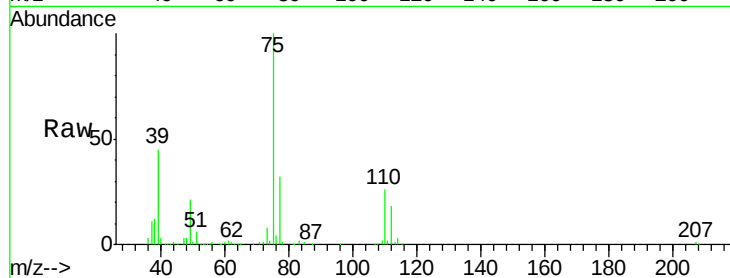
77 31.7 25.6 38.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 17.647 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

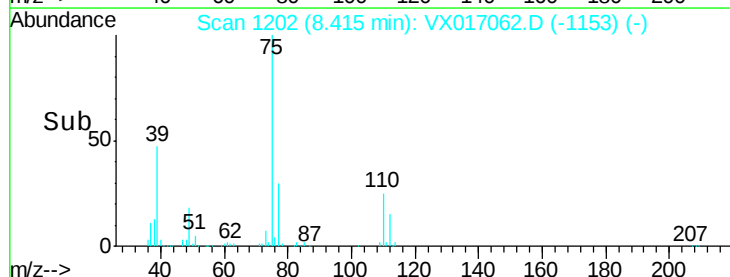
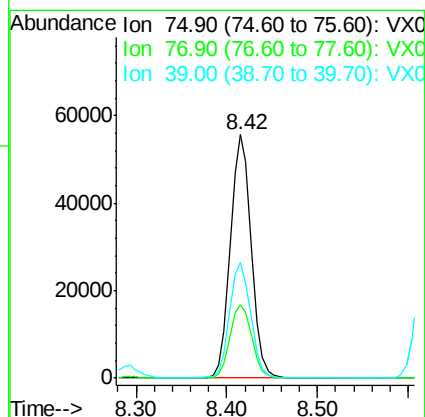
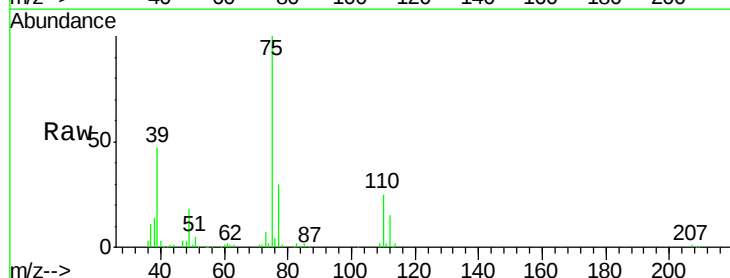
Tgt Ion: 75 Resp: 88702

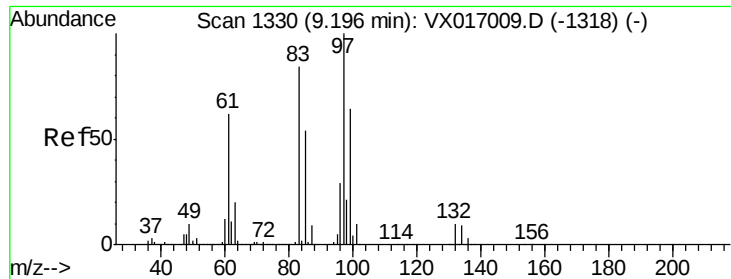
Ion Ratio Lower Upper

75 100

77 30.3 25.2 37.8

39 47.2 37.4 56.2





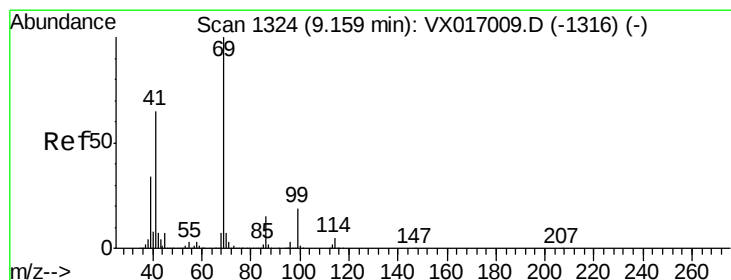
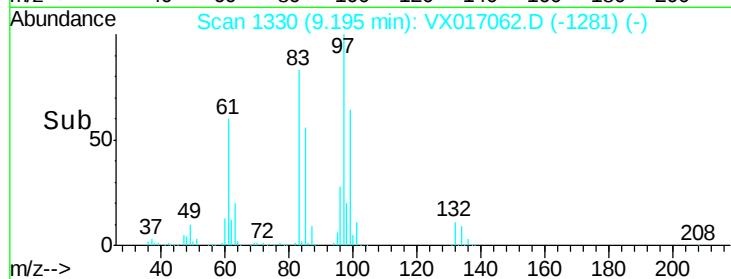
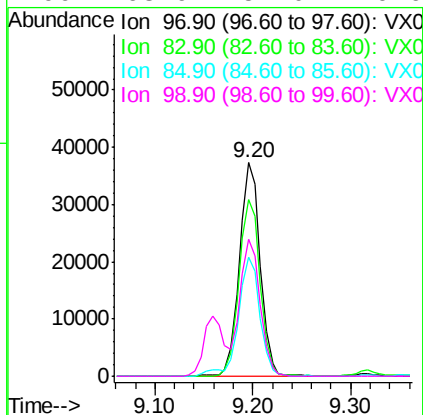
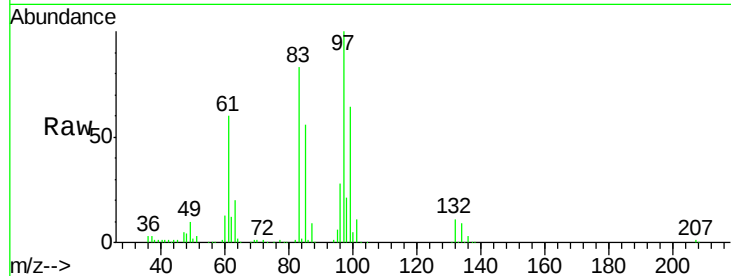
#55
 1,1,2-Trichloroethane
 Concen: 18.377 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017062.D
 Acq: 30 Jun 2020 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS02

Tot Ion:	97	Resp:	55129
Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.0	100.6
85	55.9	43.5	65.3
99	63.9	51.0	76.6

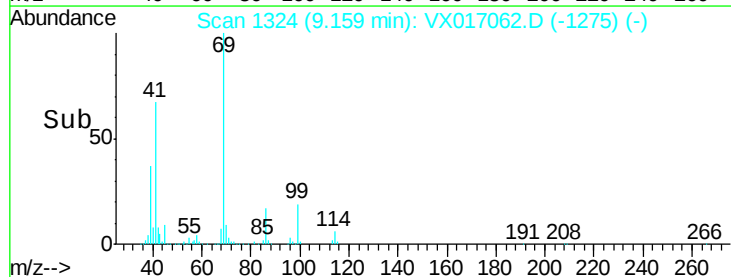
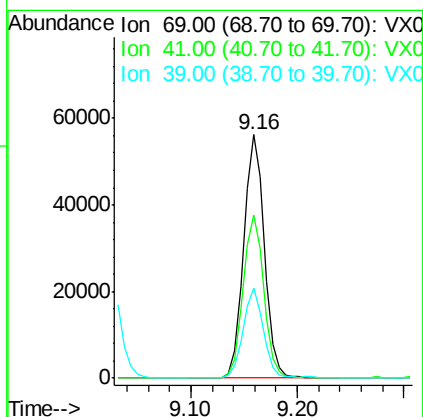
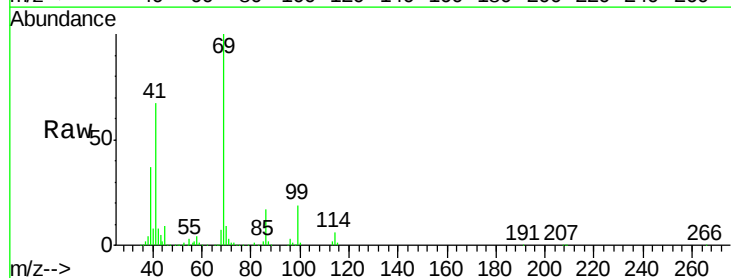
Manual Integrations
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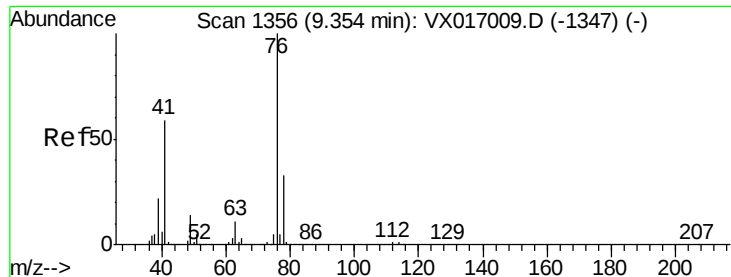
MMDadoda
 7/1/2020 10:48:53 AM



#56
 Ethyl methacrylate
 Concen: 17.985 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017062.D
 Acq: 30 Jun 2020 22:51

Tgt Ion:	69	Resp:	76793
Ion	Ratio	Lower	Upper
69	100		
41	66.6	53.6	80.4
39	35.9	28.2	42.2





#57

1,3-Dichloropropane

Concen: 17.940 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS02

Tot Ion: 76 Resp: 91062

Ion Ratio Lower Upper

76 100

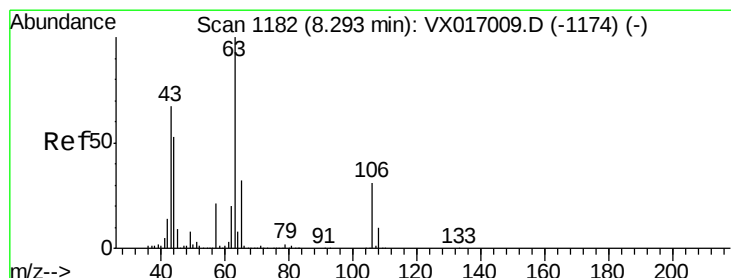
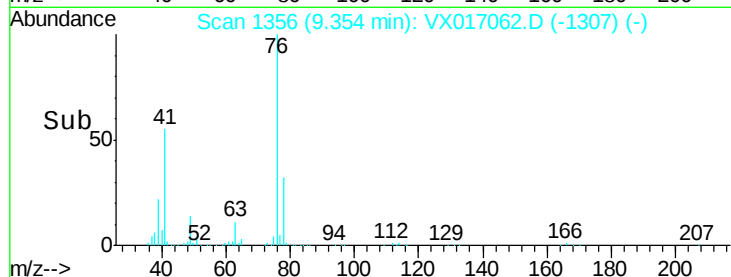
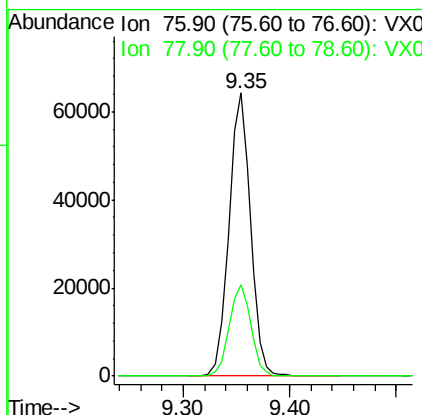
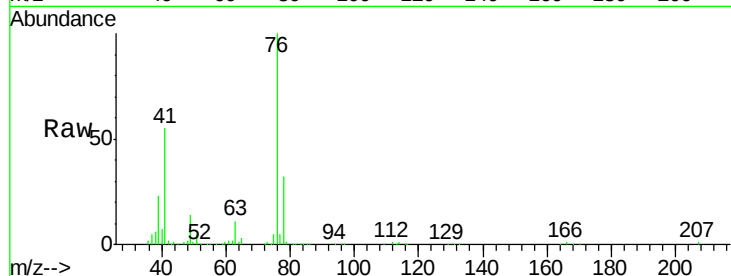
78 32.8 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

7/1/2020 10:48:53 AM



#58

2-Chloroethyl Vinyl ether

Concen: 95.676 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017062.D

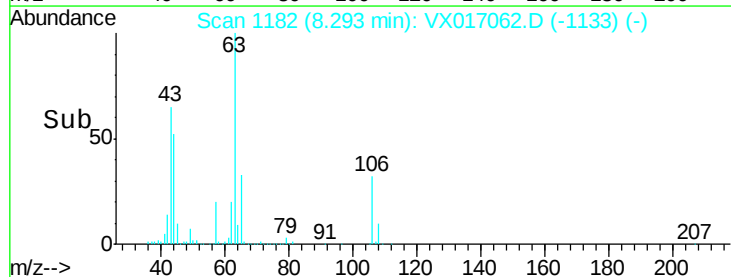
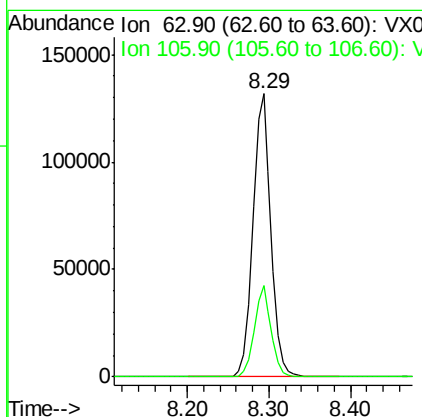
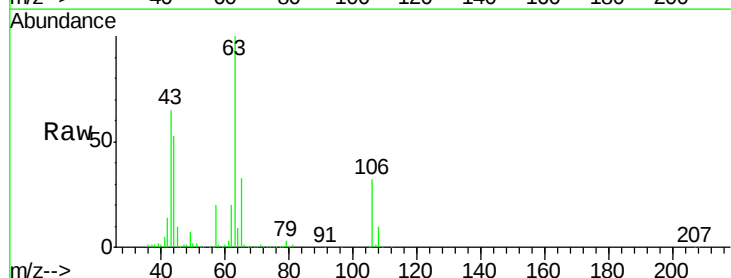
Acq: 30 Jun 2020 22:51

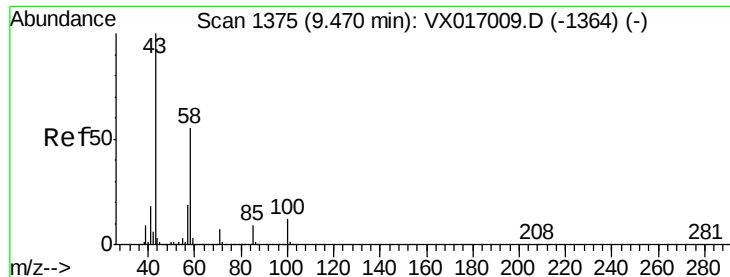
Tgt Ion: 63 Resp: 203313

Ion Ratio Lower Upper

63 100

106 30.1 24.0 36.0





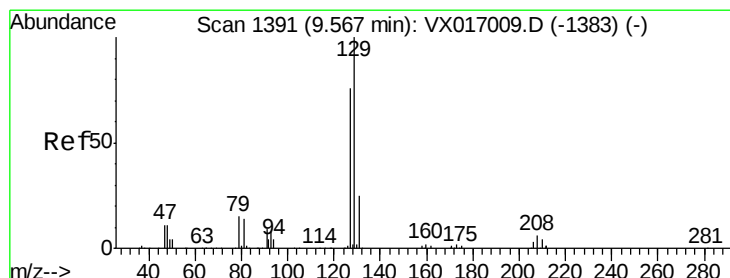
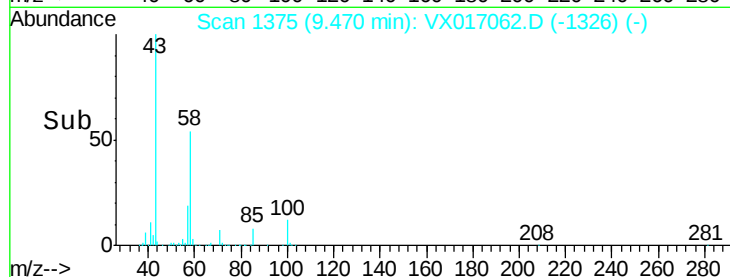
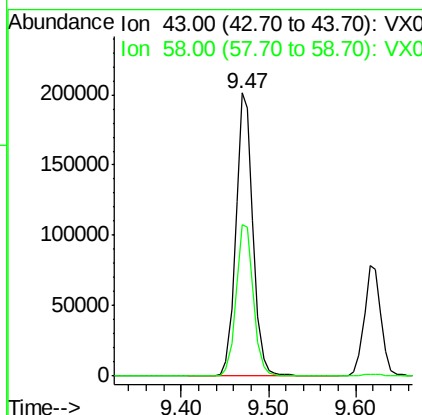
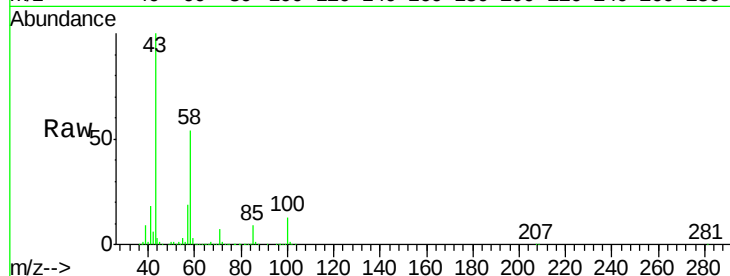
#59
2-Hexanone
Concen: 93.720 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS02

Tot Ion: 43 Resp: 275333
Ion Ratio Lower Upper
43 100
58 54.6 27.9 83.6

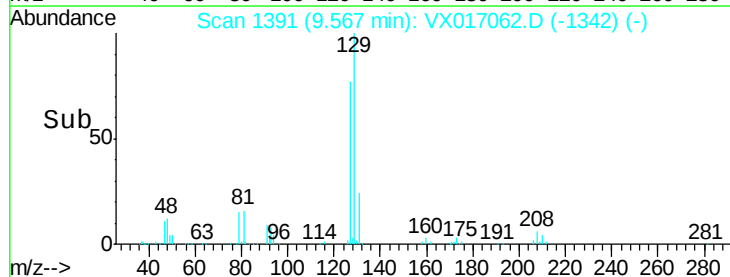
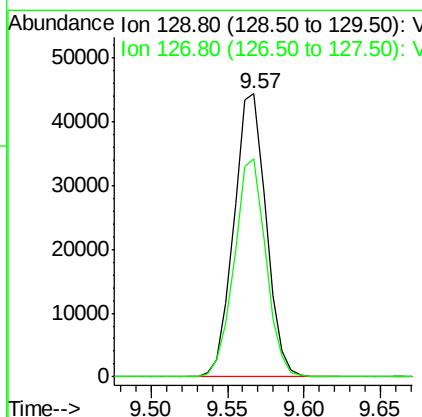
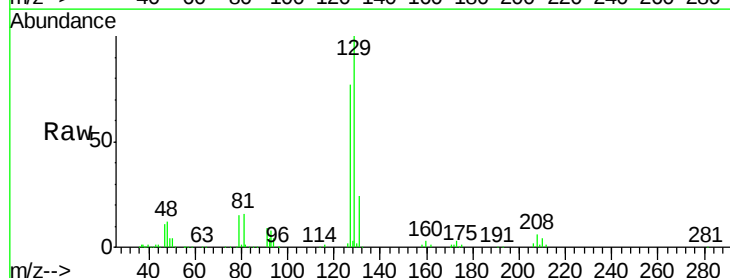
Manual Integrations
APPROVED

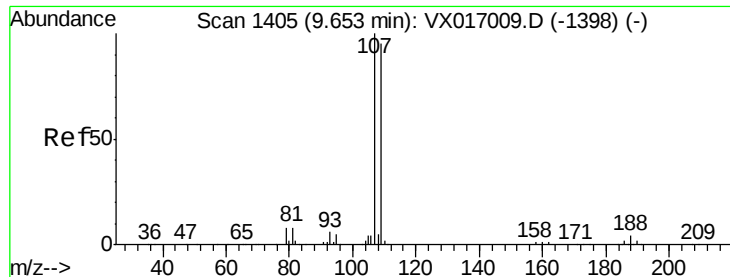
MMDadoda
7/1/2020 10:48:53 AM



#60
Dibromochloromethane
Concen: 18.575 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Tgt Ion: 129 Resp: 64720
Ion Ratio Lower Upper
129 100
127 75.7 38.9 116.7





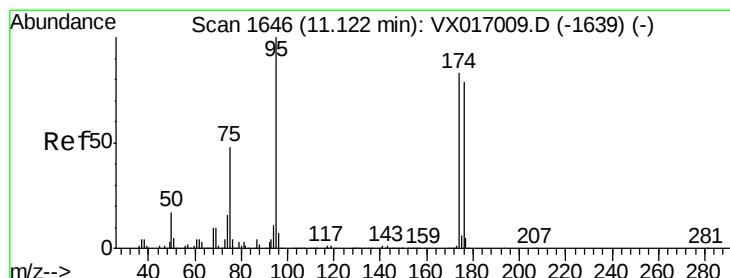
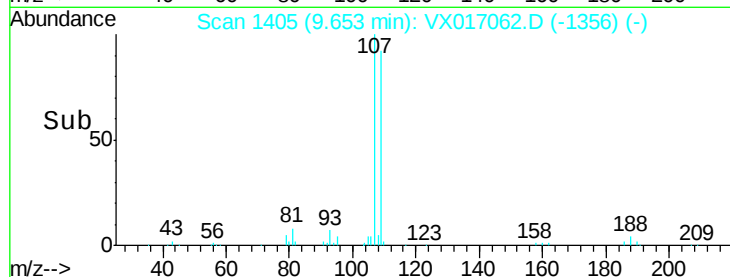
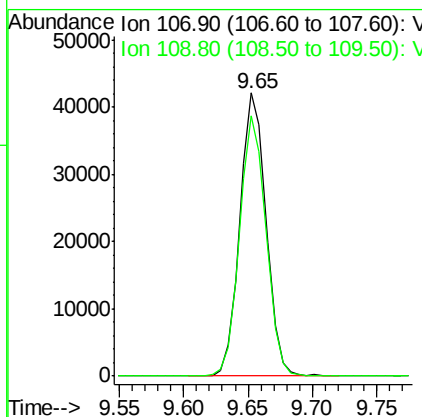
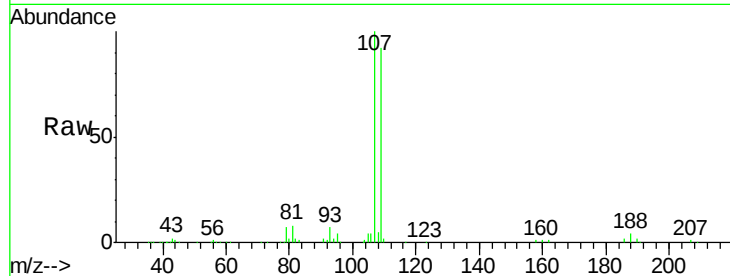
#61
 1,2-Dibromoethane
 Concen: 18.359 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017062.D
 Acq: 30 Jun 2020 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.8	75.8	113.8

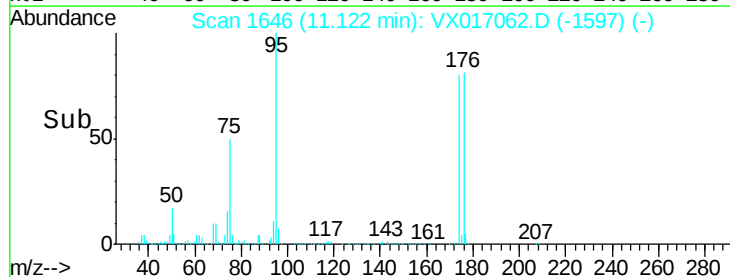
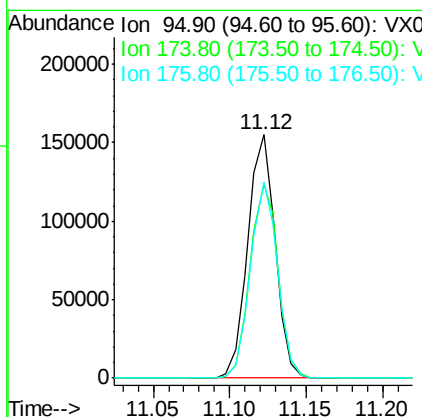
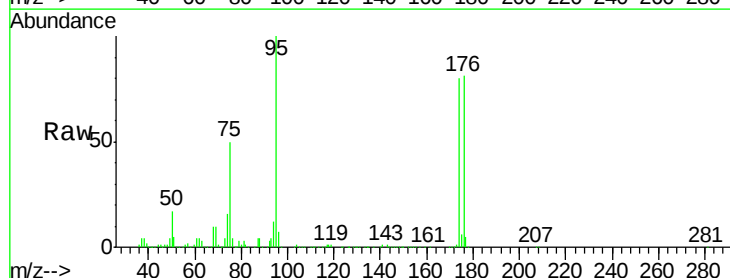
Manual Integrations
 APPROVED

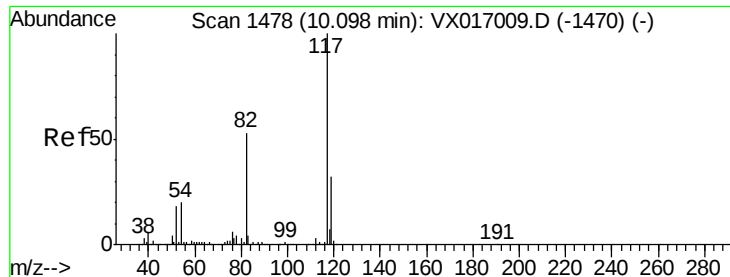
MMDadoda
 7/1/2020 10:48:53 AM



#62
 4-Bromofluorobenzene
 Concen: 49.702 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017062.D
 Acq: 30 Jun 2020 22:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	164.0
176	80.4	0.0	157.6





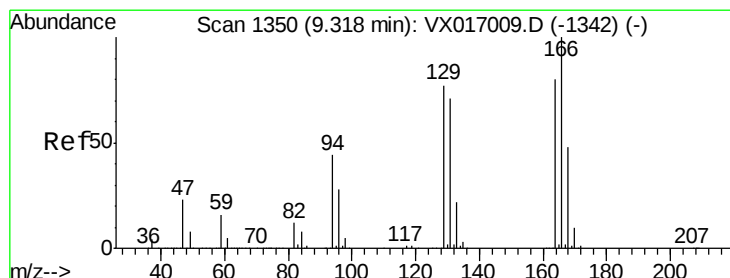
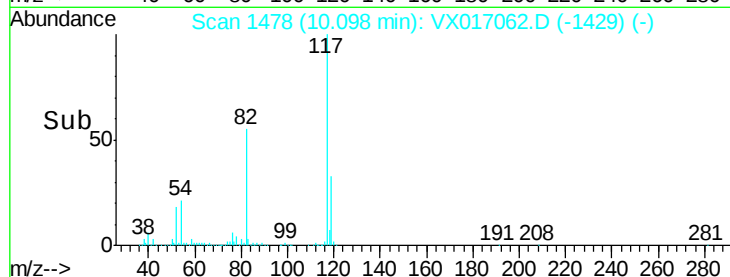
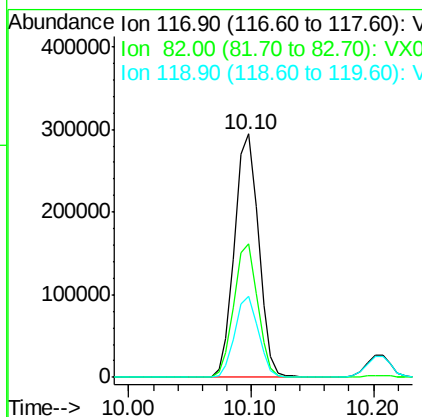
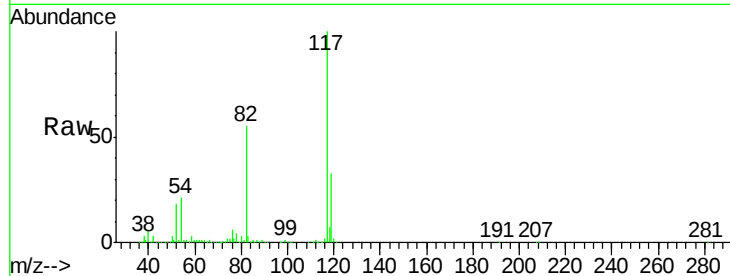
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	42.6	63.8
119	33.1	25.4	38.2

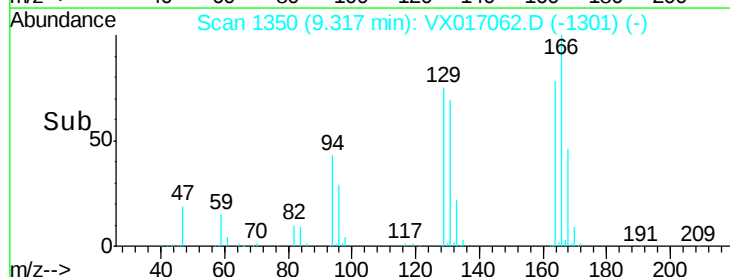
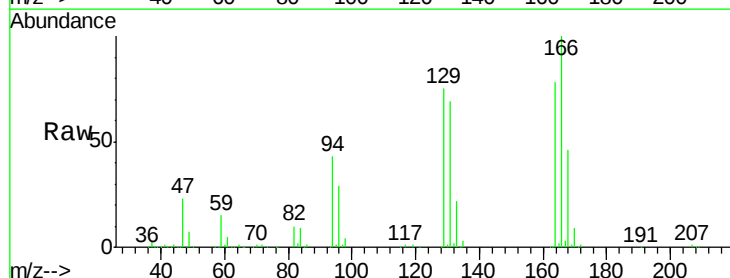
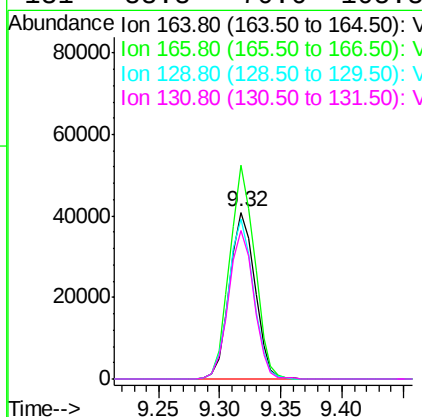
Manual Integrations
APPROVED

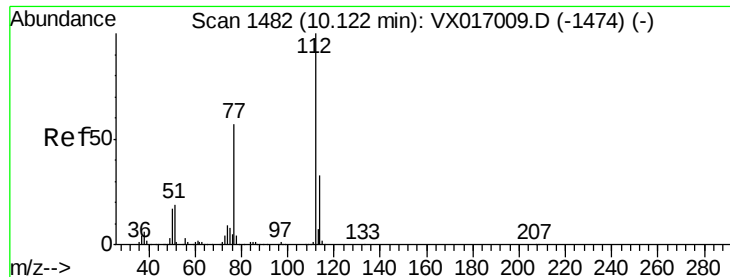
MMDadoda
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#64
Tetrachloroethene
Concen: 18.187 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	99.4	149.0
129	96.1	76.3	114.5
131	88.8	70.6	105.8





#65

Chlorobenzene

Concen: 17.905 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS02

Tot Ion:112 Resp: 148349

Ion Ratio Lower Upper

112 100

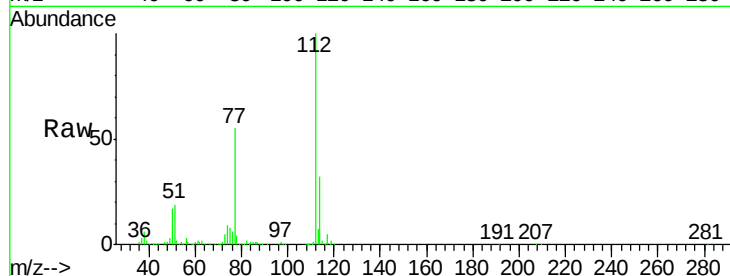
114 31.8 26.2 39.4

Manual Integrations

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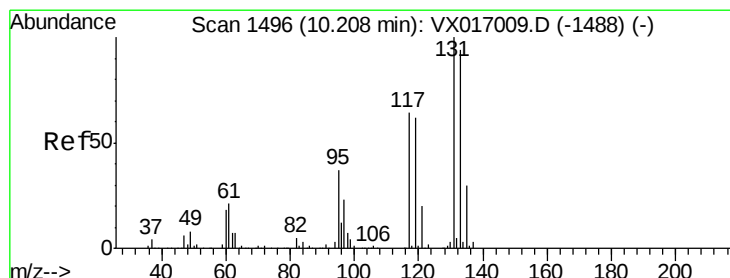
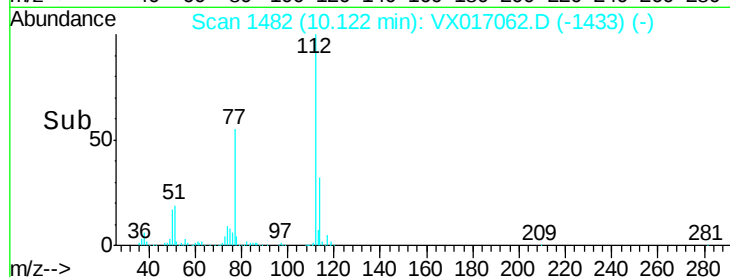
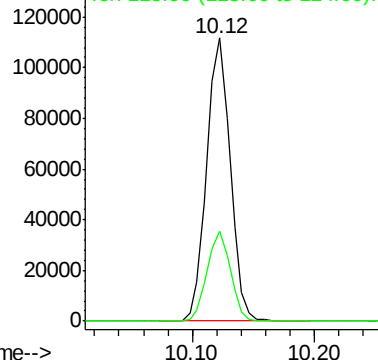
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 17.787 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

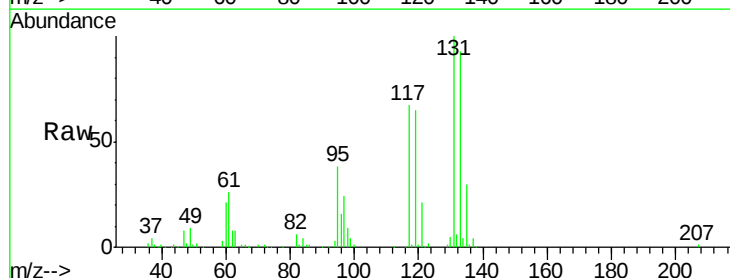
Tgt Ion:131 Resp: 56796

Ion Ratio Lower Upper

131 100

133 95.8 47.3 141.9

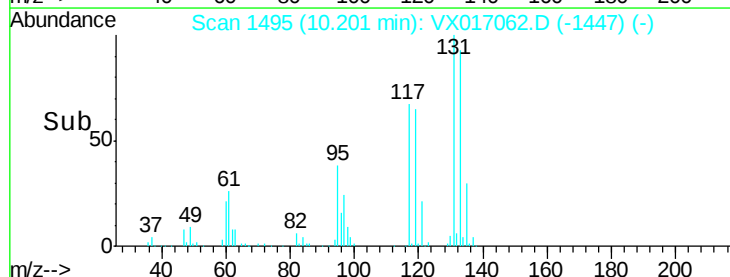
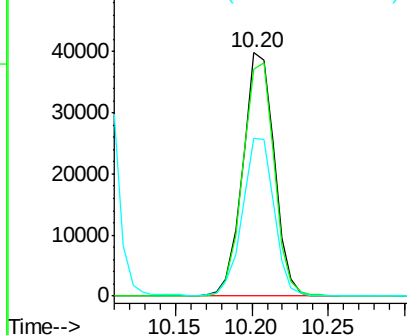
119 65.4 31.9 95.5

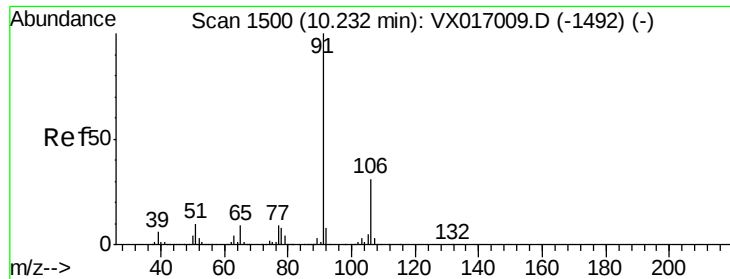


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.076 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS02

Tot Ion: 91 Resp: 250115

Ion Ratio Lower Upper

91 100

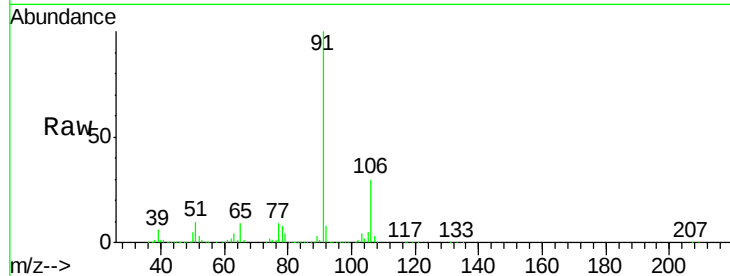
106 30.4 24.7 37.1

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

300000

200000

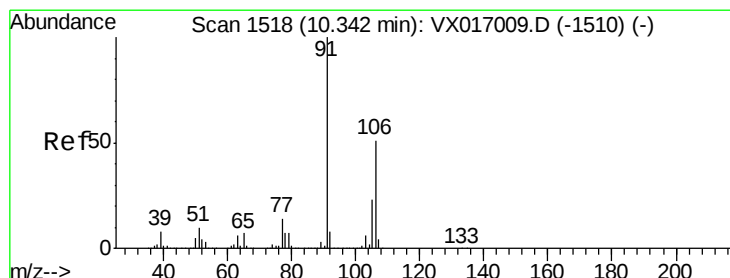
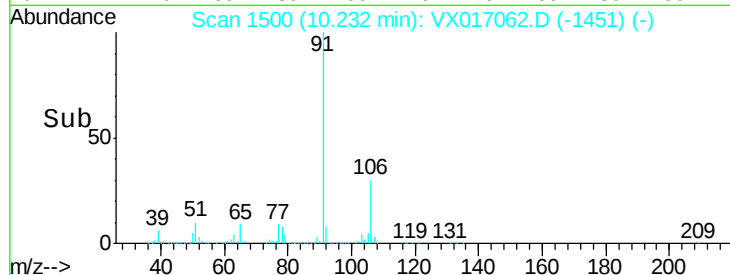
100000

0

10.20 10.30

10.23

Time-->



#68

m/p-Xylenes

Concen: 36.138 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017062.D

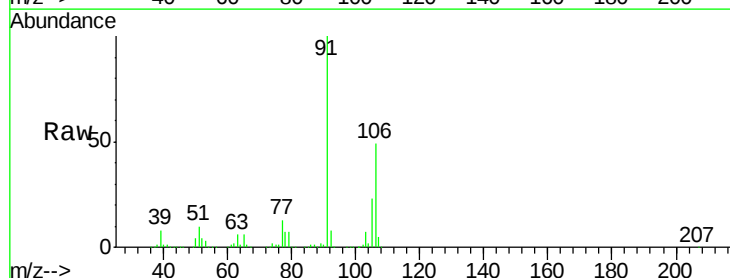
Acq: 30 Jun 2020 22:51

Tgt Ion: 106 Resp: 191997

Ion Ratio Lower Upper

106 100

91 203.9 158.6 238.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

300000

200000

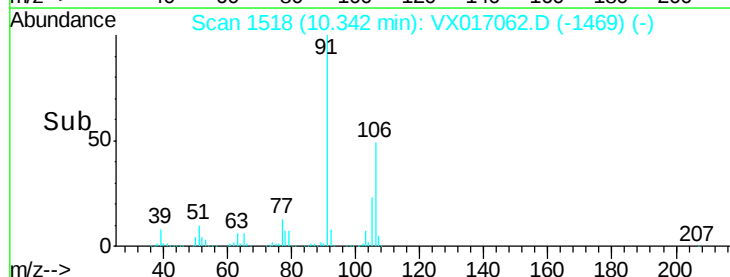
100000

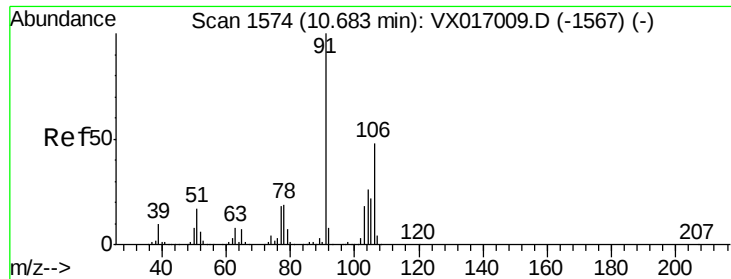
0

10.30 10.40

10.34

Time-->





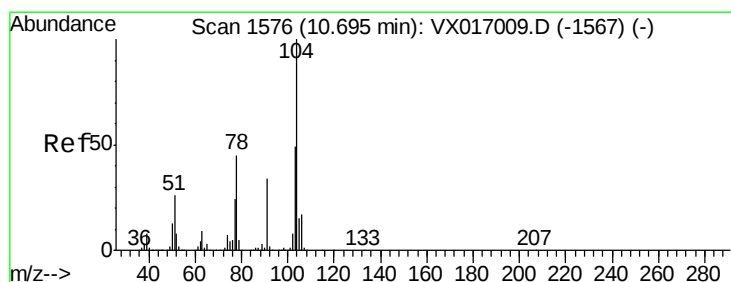
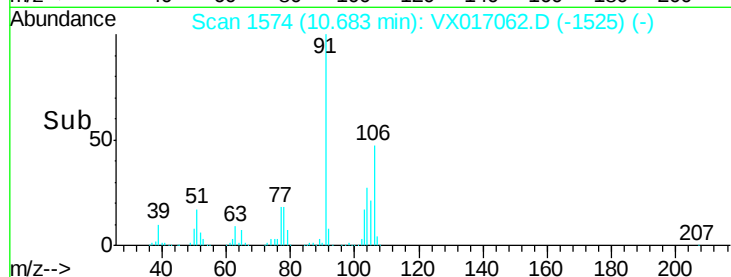
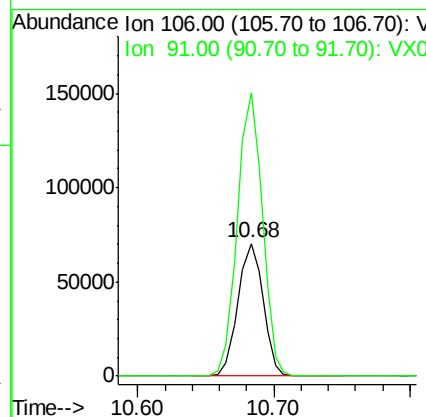
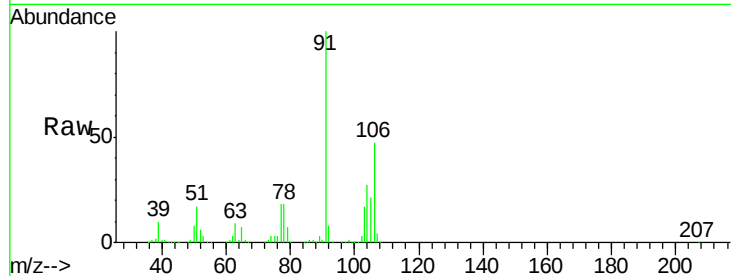
#69
o-Xylene
Concen: 18.120 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.3	105.6	316.7

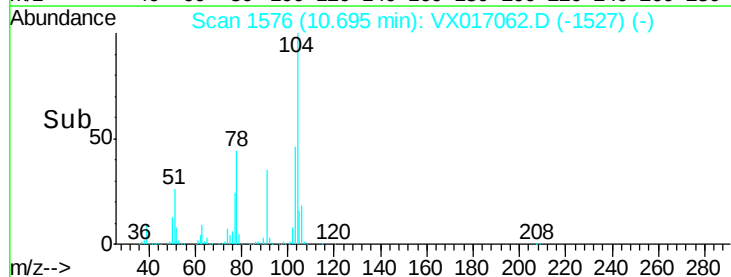
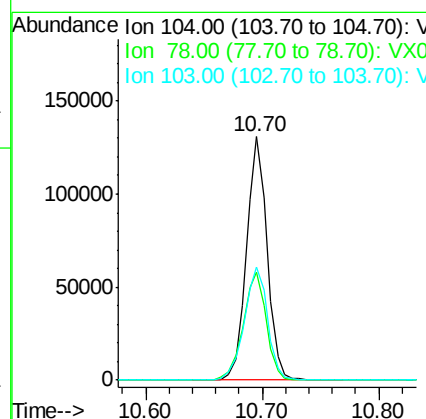
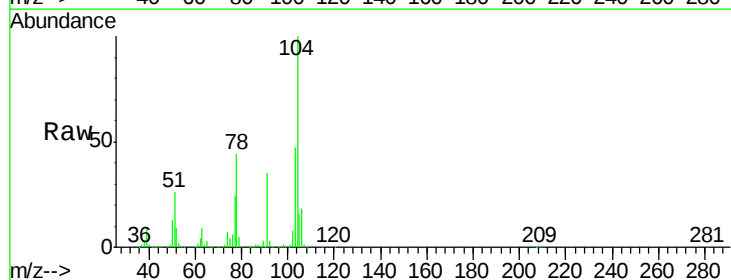
Manual Integrations
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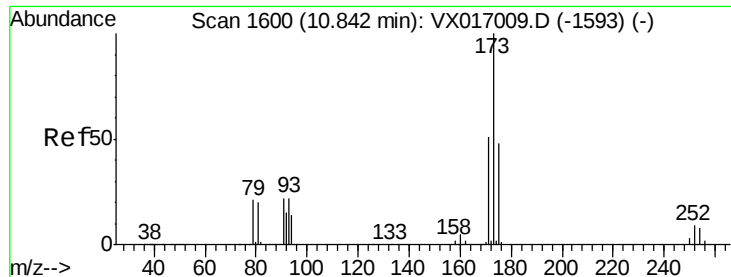
MMDadoda
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#70
Styrene
Concen: 18.750 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.6	39.5	59.3
103	52.6	43.0	64.6





#71

Bromoform

Concen: 18.952 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS02

Tot Ion:173 Resp: 47988

Ion Ratio Lower Upper

173 100

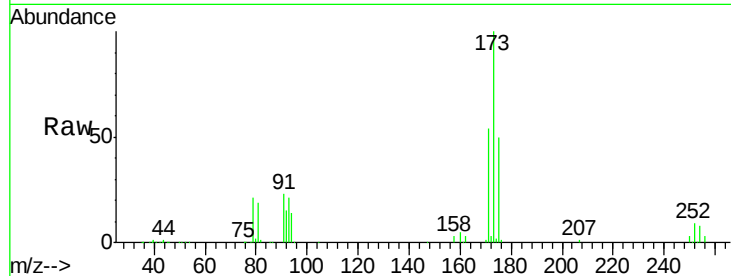
175 47.0 24.5 73.5

254 0.0 0.1 0.1#

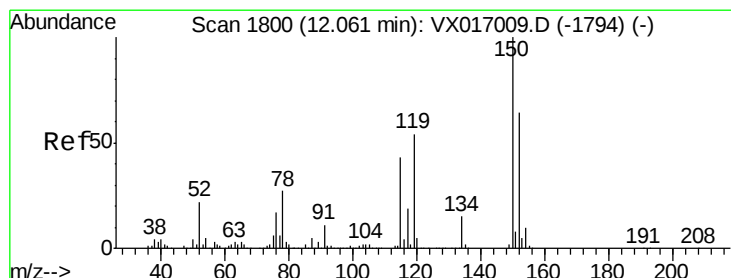
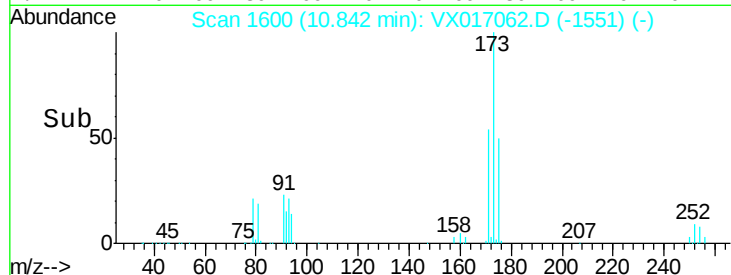
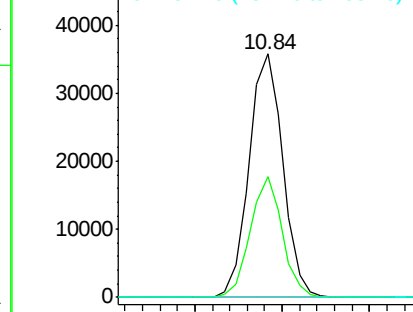
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

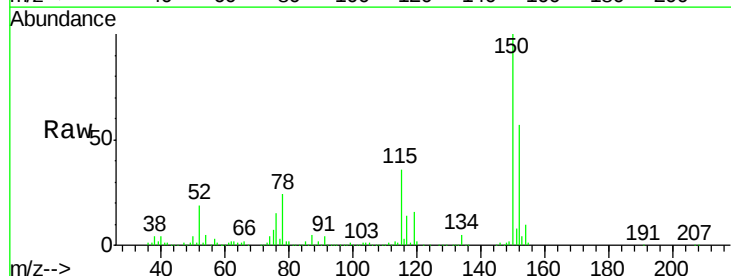
Tgt Ion:152 Resp: 205181

Ion Ratio Lower Upper

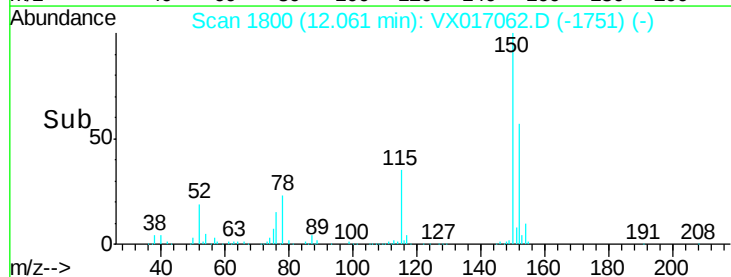
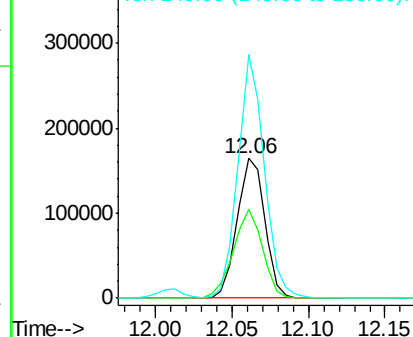
152 100

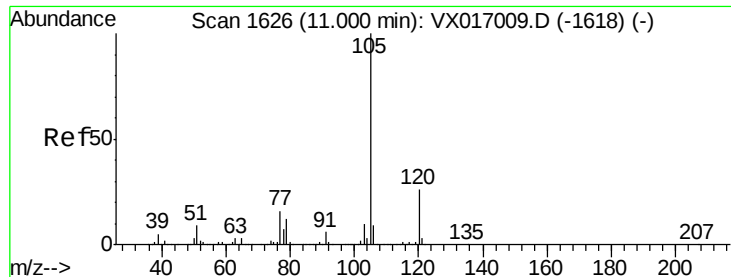
115 67.0 40.9 122.7

150 167.6 0.0 351.6



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





#73

Isopropylbenzene

Concen: 18.305 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS02

Tot Ion: 105 Resp: 246005

Ion Ratio Lower Upper

105 100

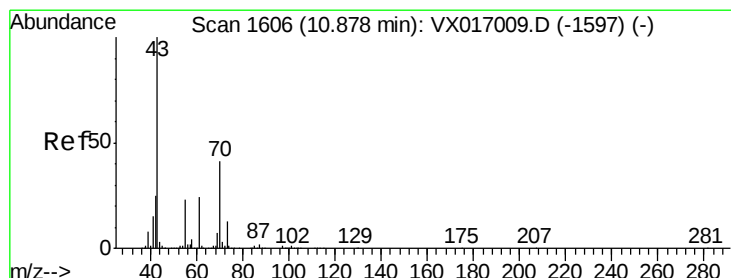
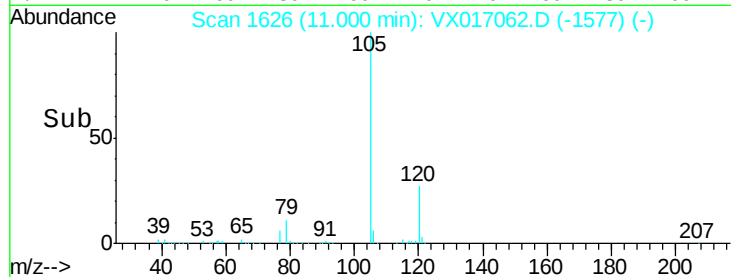
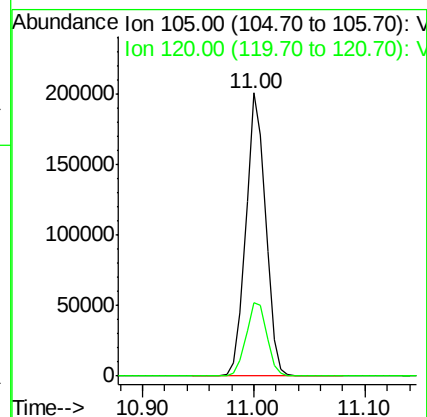
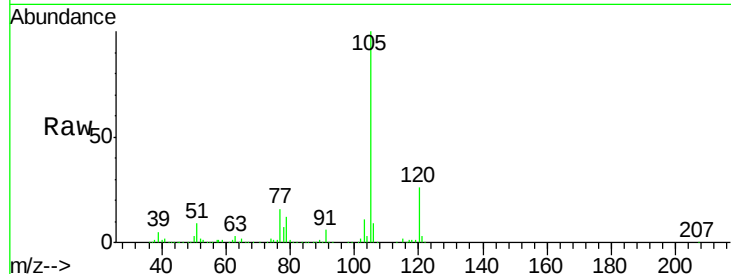
120 27.3 13.4 40.2

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#74

N-ethyl acetate

Concen: 17.912 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Tgt Ion: 43 Resp: 102719

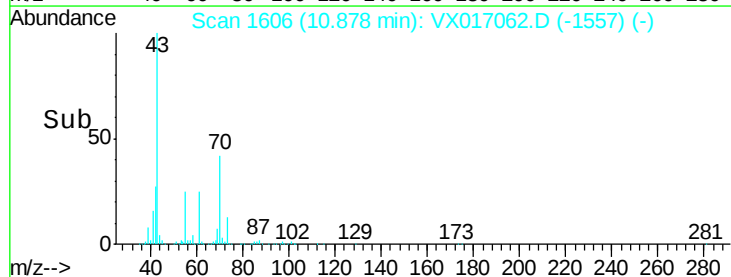
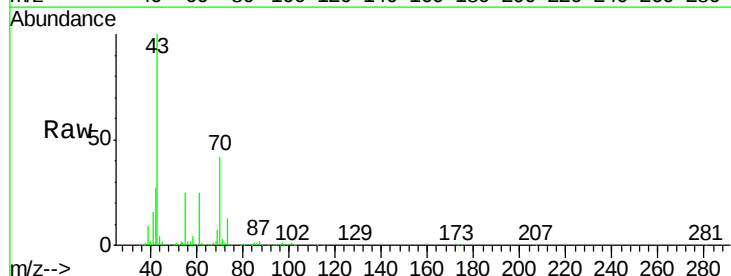
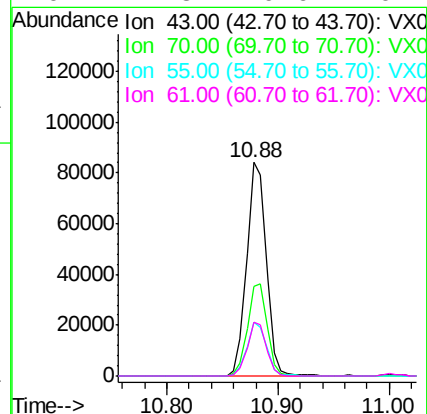
Ion Ratio Lower Upper

43 100

70 43.1 34.2 51.2

55 25.2 19.2 28.8

61 24.8 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.252 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

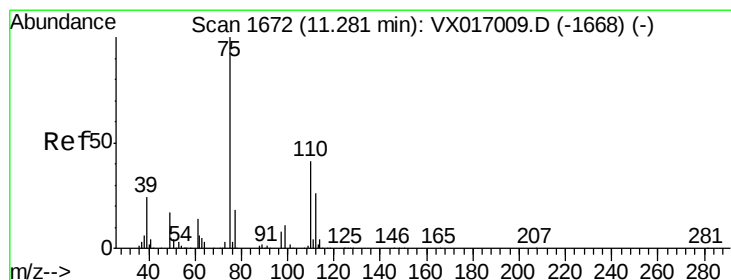
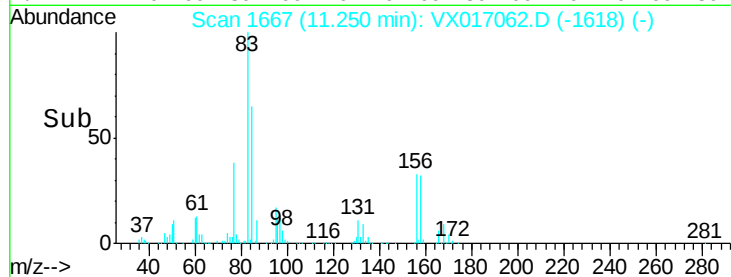
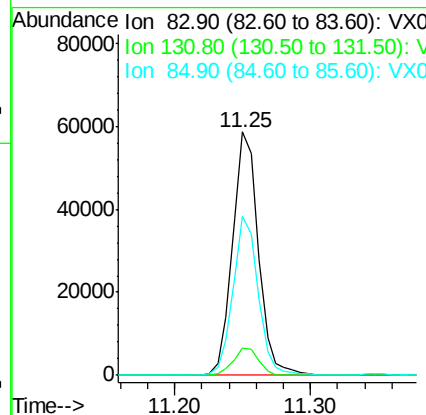
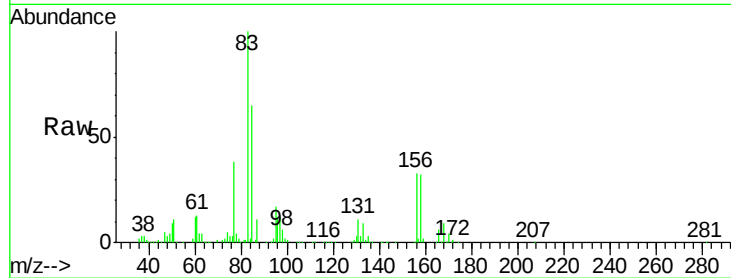
ClientSampleId :

VX0630WBS02

Tot Ion:	83	Resp:	77159
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.4	16.2
85	64.3	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.855 ug/l m

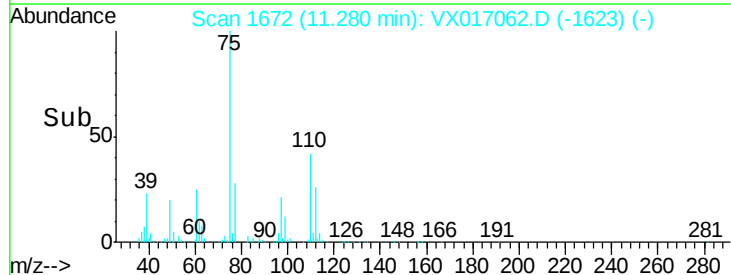
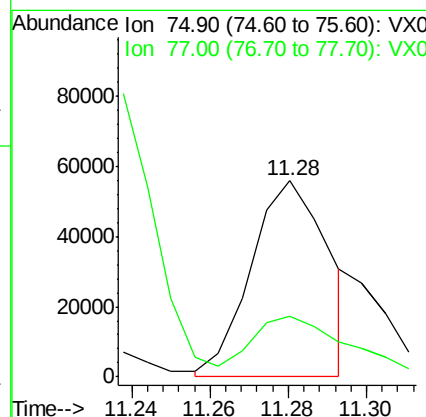
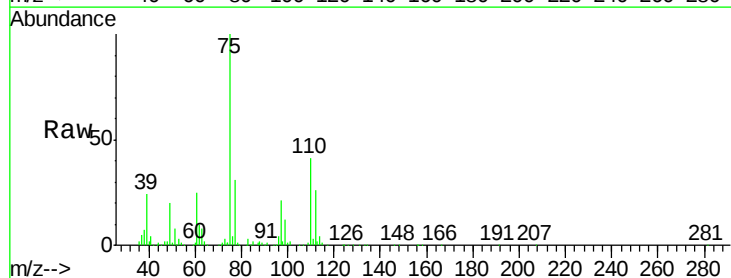
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Tgt Ion:	75	Resp:	76074
Ion Ratio	Lower	Upper	
75	100		
77	39.1	20.2	60.6





#77

Bromobenzene

Concen: 18.099 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

ClientSampled :

VX0630WBS02

Tot Ion:156 Resp: 66852

Ion Ratio Lower Upper

156 100

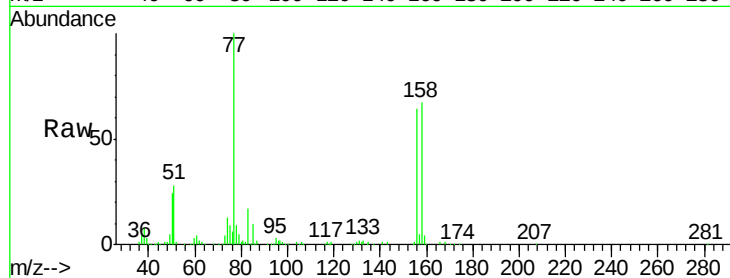
77 153.4 76.9 230.7

158 99.5 47.9 143.6

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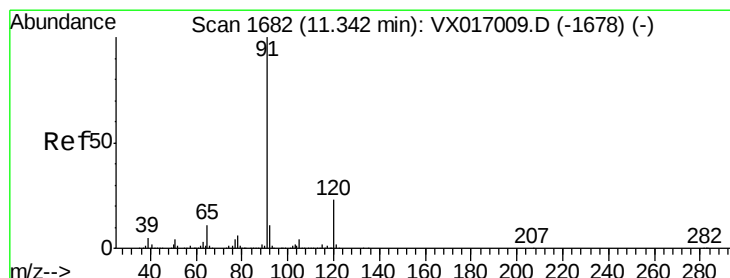
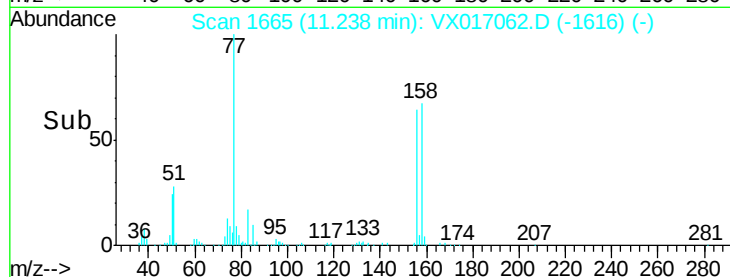
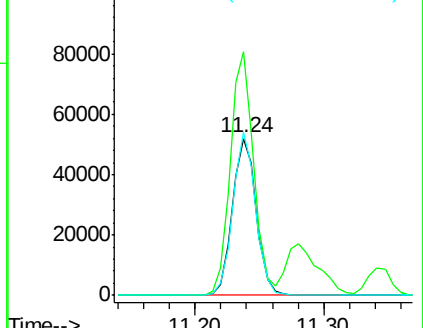
7/1/2020 10:48:53 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.542 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017062.D

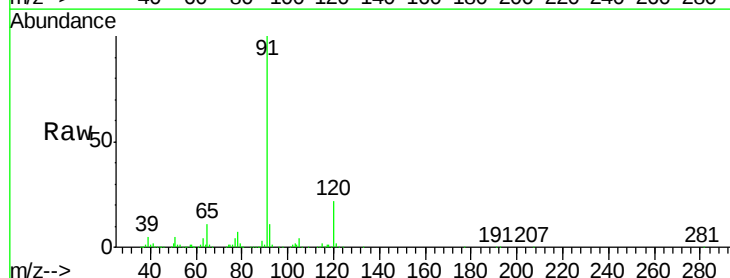
Acq: 30 Jun 2020 22:51

Tgt Ion: 91 Resp: 281805

Ion Ratio Lower Upper

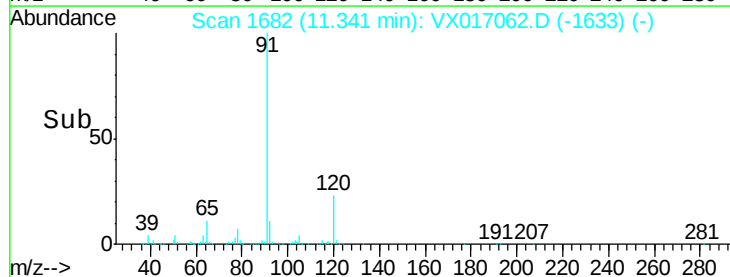
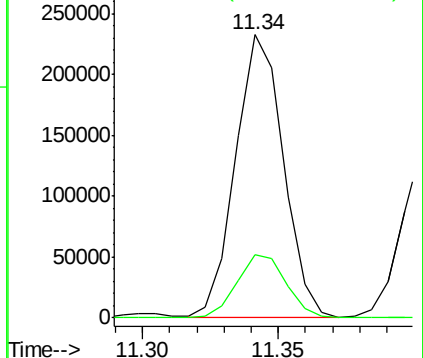
91 100

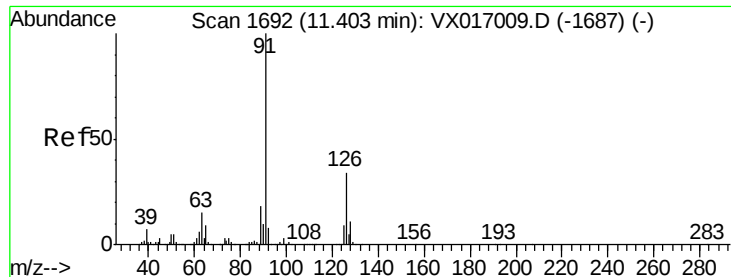
120 23.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





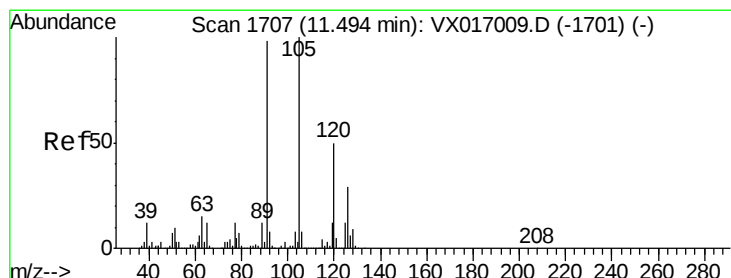
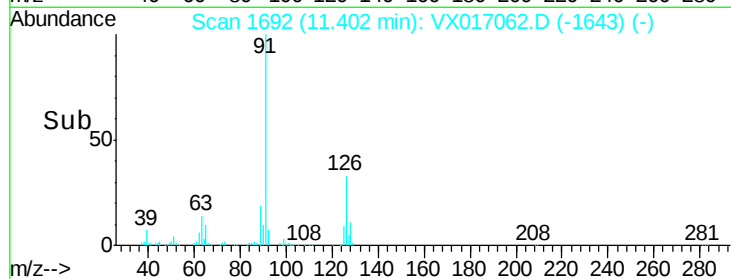
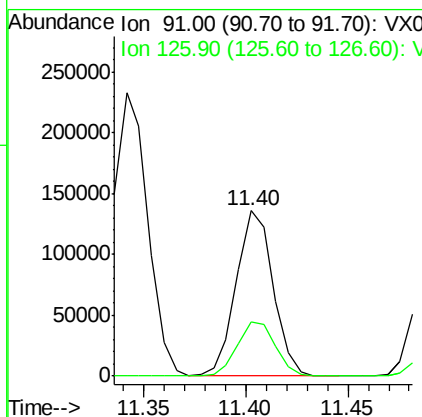
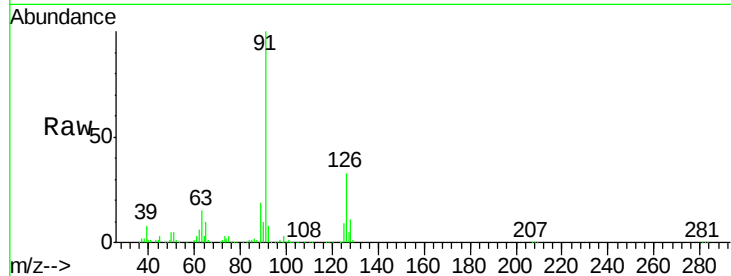
#79
 2-Chlorotoluene
 Concen: 18.400 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017062.D
 Acq: 30 Jun 2020 22:51

Instrument :
 MSVOA_X
 ClientSampled :
 VX0630WBS02

Tot Ion: 91 Resp: 169245
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.4 52.3

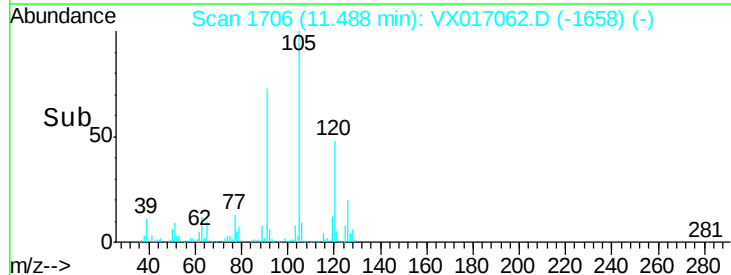
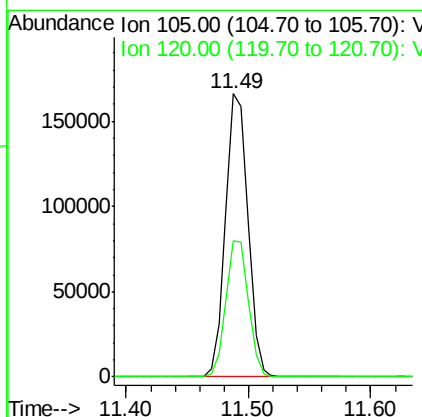
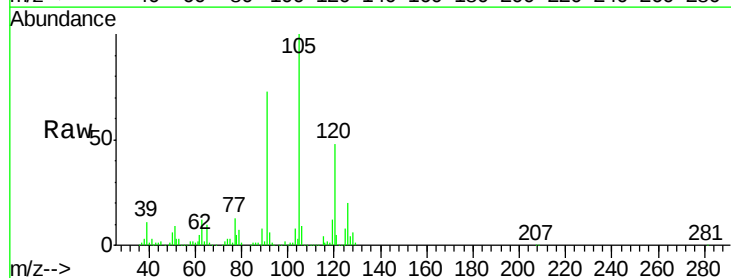
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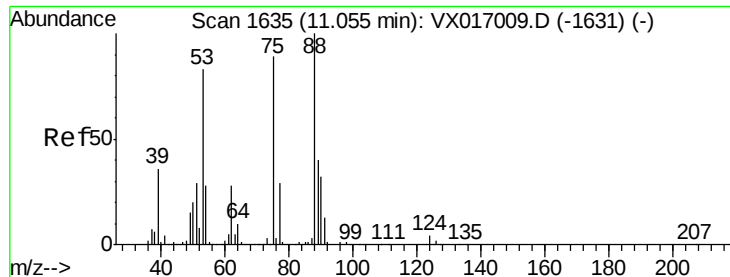
MMDadoda
 7/1/2020 10:48:53 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 18.868 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017062.D
 Acq: 30 Jun 2020 22:51

Tgt Ion: 105 Resp: 210341
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.627 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

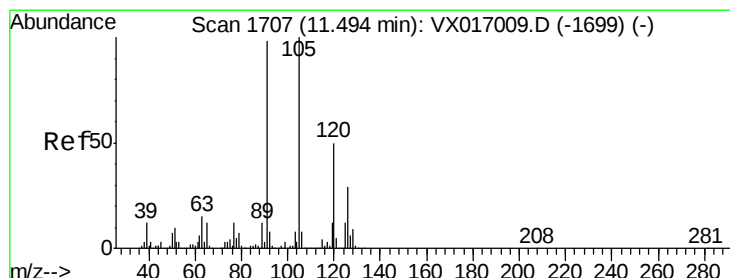
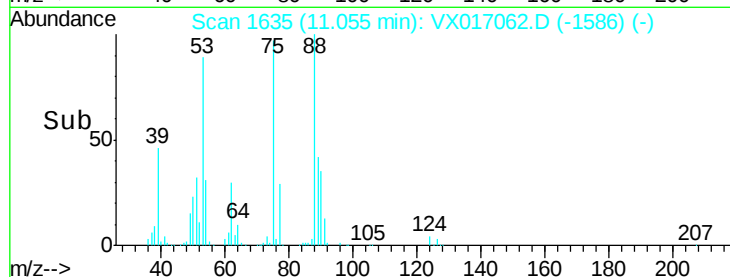
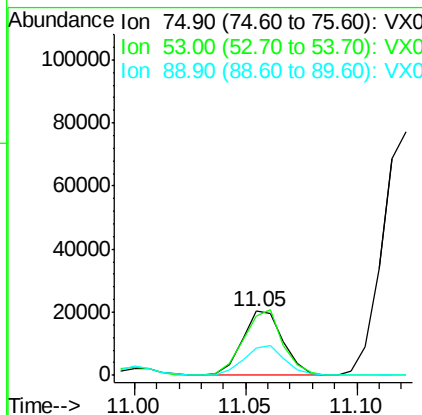
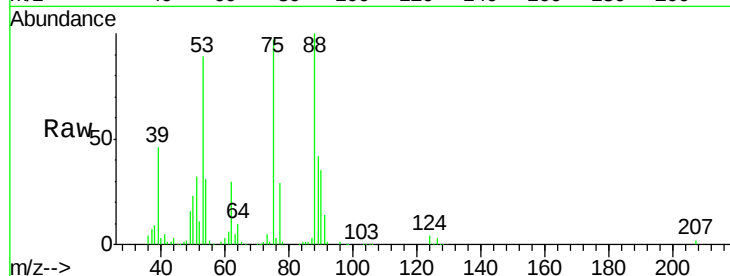
ClientSampled :

VX0630WBS02

Tot Ion:	75	Resp:	25906
Ion	Ratio	Lower	Upper
75	100		
53	96.9	72.4	108.6
89	46.7	37.0	55.4

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#82

4-Chlorotoluene

Concen: 18.324 ug/l

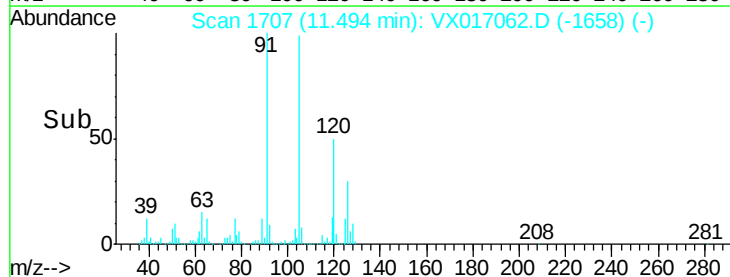
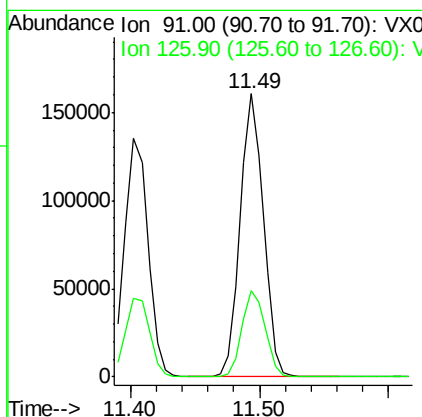
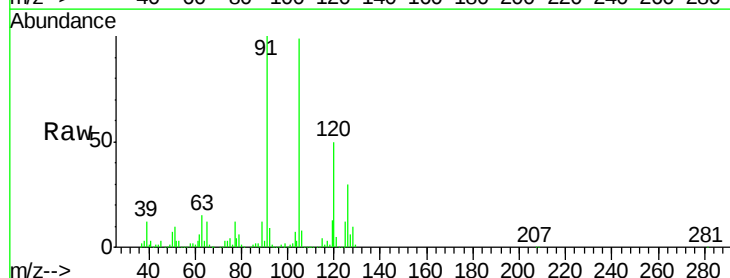
RT: 11.49 min Scan# 1707

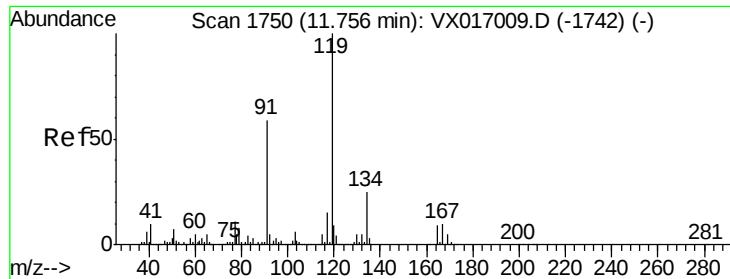
Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Tgt Ion:	91	Resp:	201485
Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.2	45.5





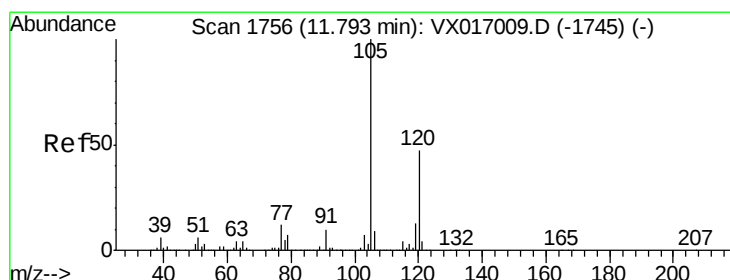
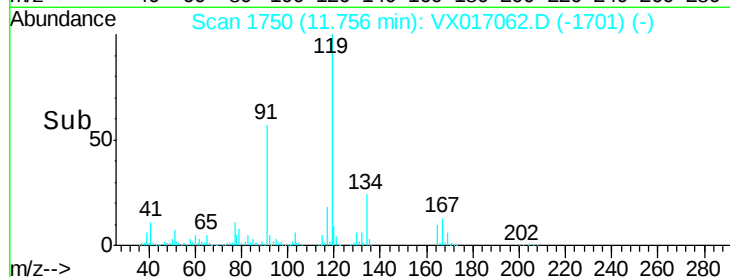
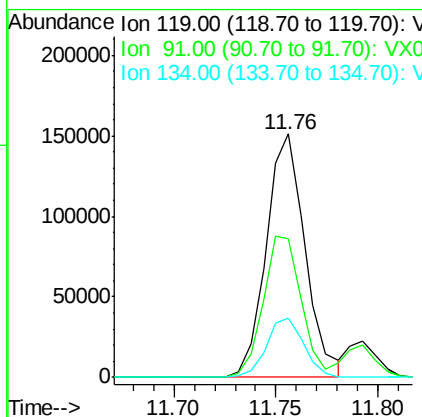
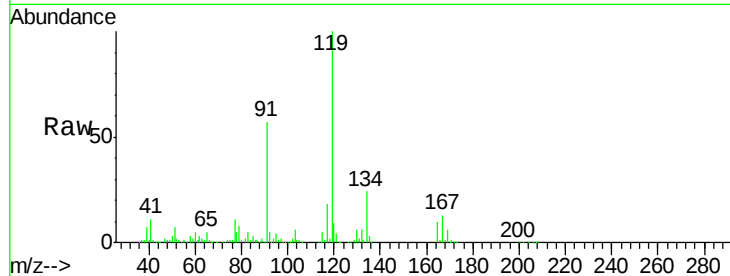
#83
tert-Butylbenzene
Concen: 18.310 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Instrument :
MSVOA_X
ClientSampled :
VX0630WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	200375		
91	56.9		28.3	84.9
134	23.5		11.7	35.1

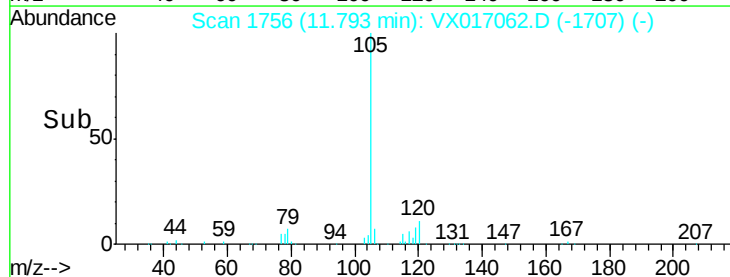
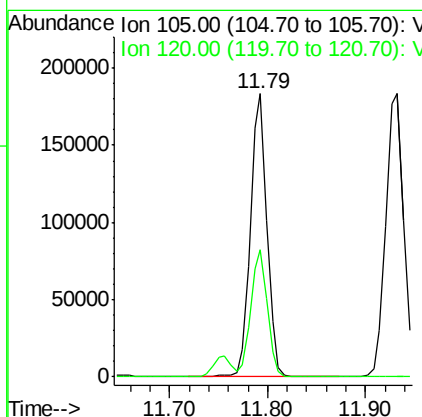
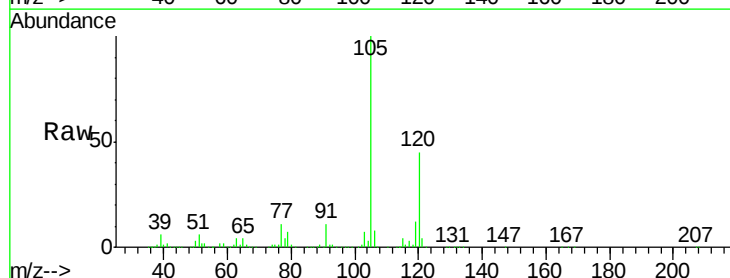
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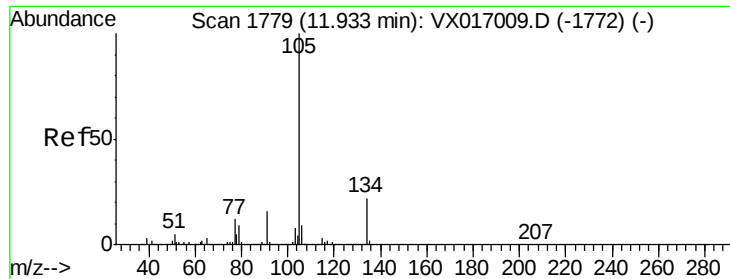
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#84
1,2,4-Trimethylbenzene
Concen: 18.958 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	214404		
120	45.0		22.9	68.5





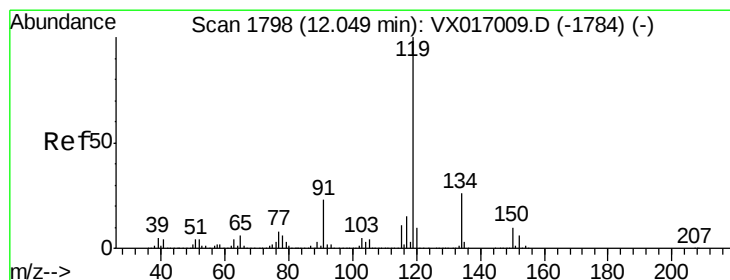
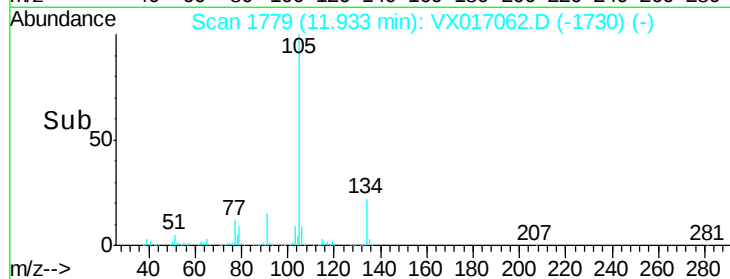
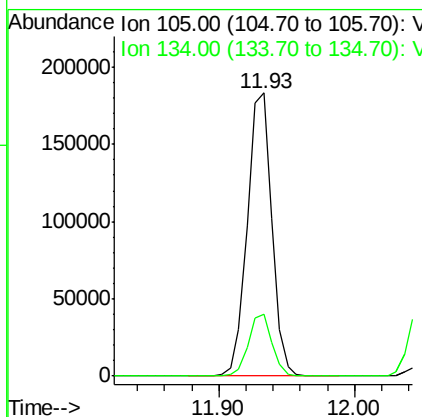
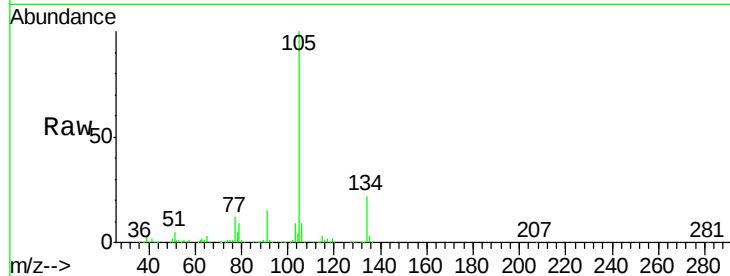
#85
 sec-Butylbenzene
 Concen: 17.999 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017062.D
 Acq: 30 Jun 2020 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	231524		
134	21.1	10.5	31.6	

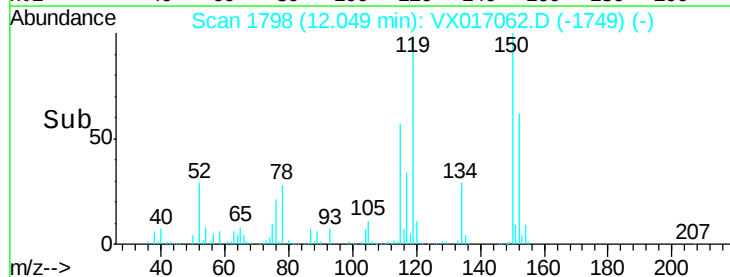
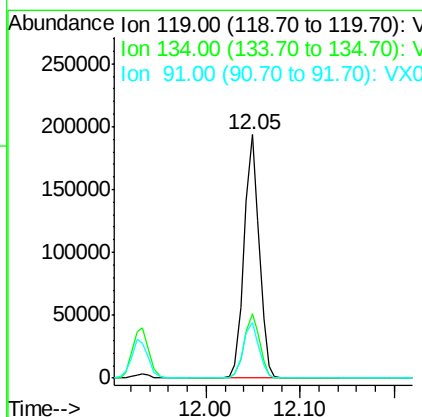
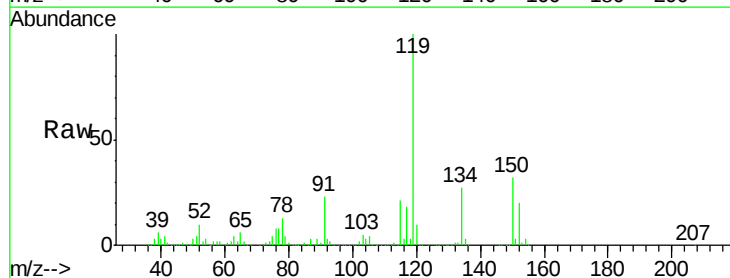
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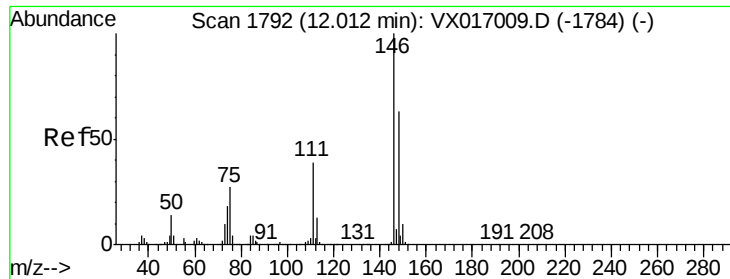
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#86
 p-Isopropyltoluene
 Concen: 18.019 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017062.D
 Acq: 30 Jun 2020 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	215775		
134	27.2	13.2	39.5	
91	24.0	11.8	35.4	





#87

1,3-Dichlorobenzene

Concen: 17.492 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

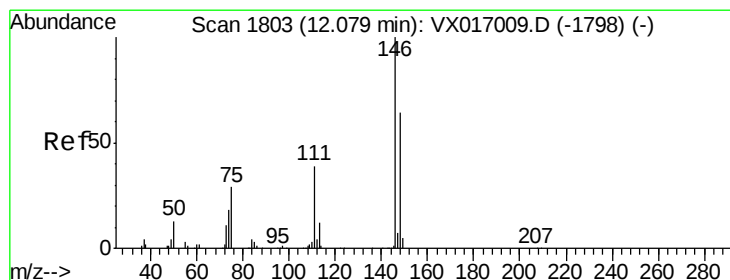
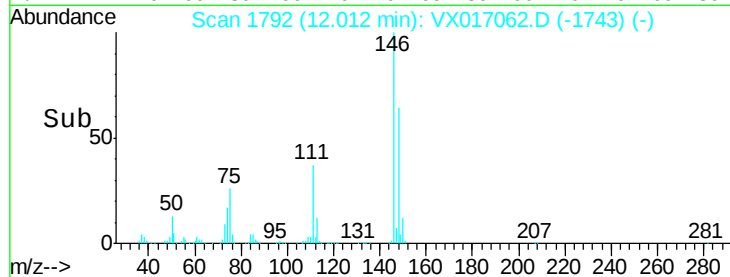
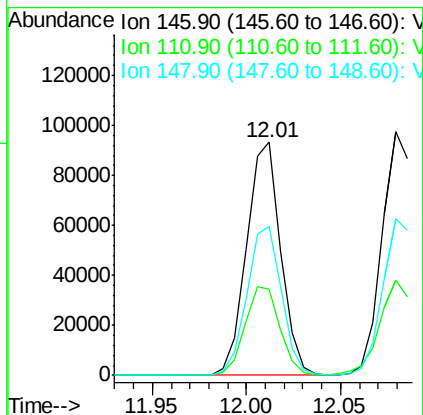
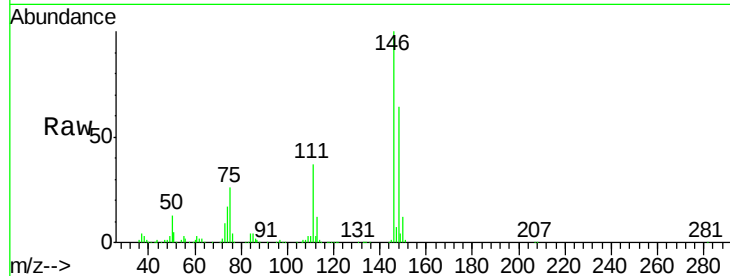
ClientSampleId :

VX0630WBS02

Tot Ion:	146	Resp:	117343
Ion Ratio	Lower	Upper	
146	100		
111	38.9	20.4	61.2
148	64.6	32.5	97.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.963 ug/l

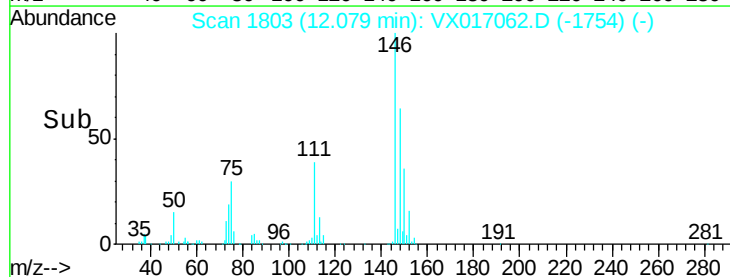
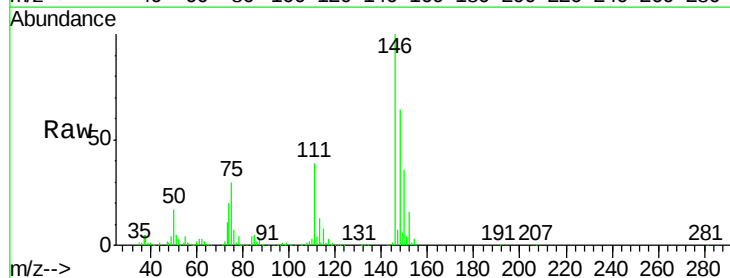
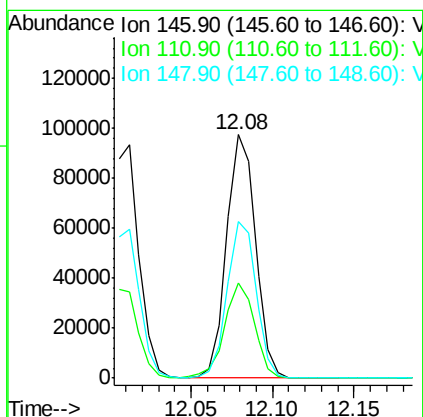
RT: 12.08 min Scan# 1803

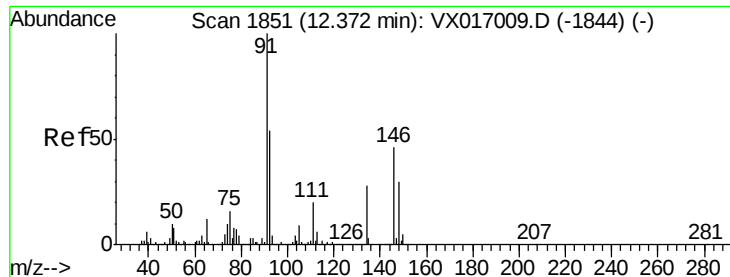
Delta R.T. 0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Tgt Ion:	146	Resp:	120722
Ion Ratio	Lower	Upper	
146	100		
111	40.4	19.5	58.5
148	64.5	31.9	95.7





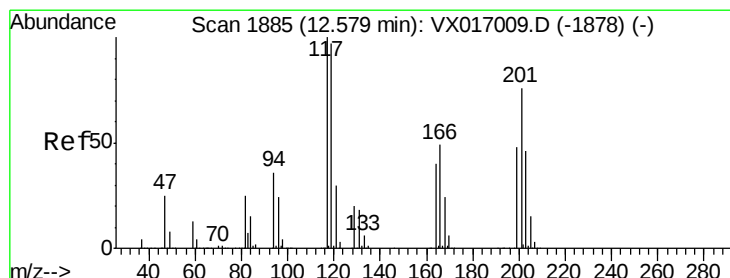
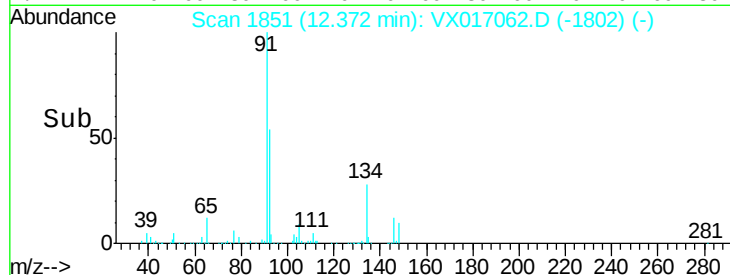
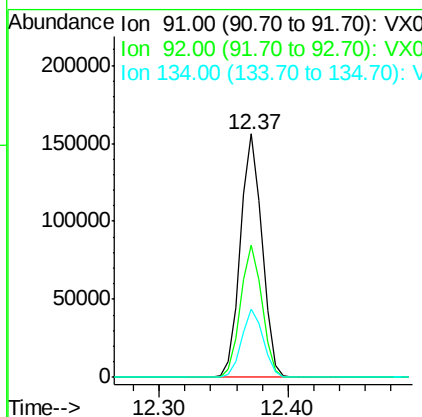
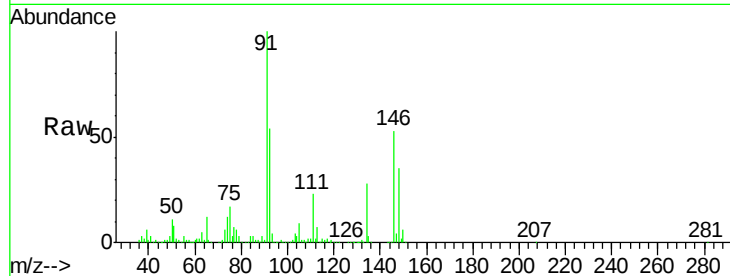
#89
n-Butylbenzene
Concen: 17.034 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.2	81.6
134	27.6	13.6	40.7

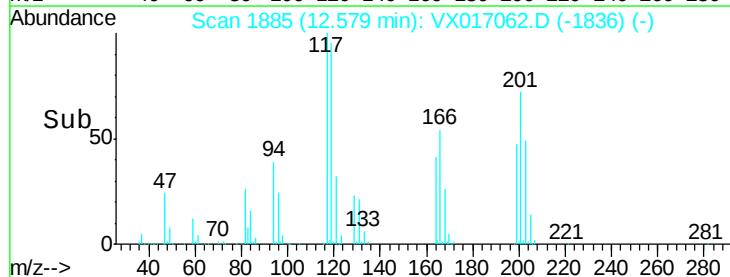
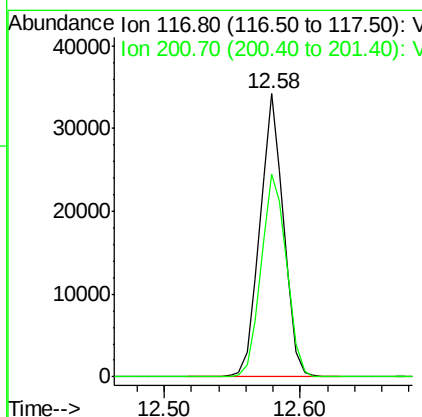
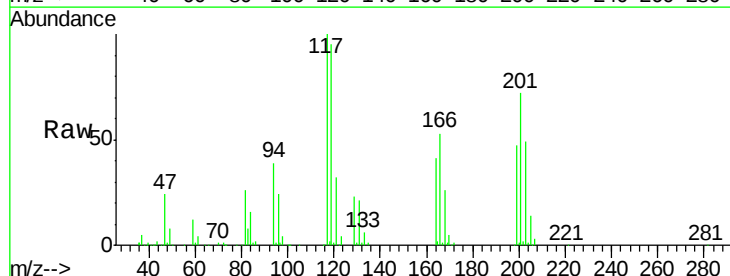
Manual Integrations
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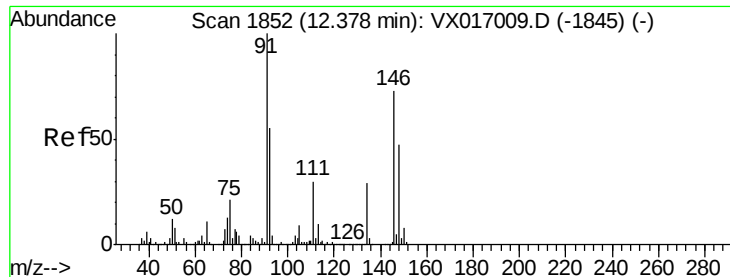
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#90
Hexachloroethane
Concen: 17.804 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.3	39.4	118.2





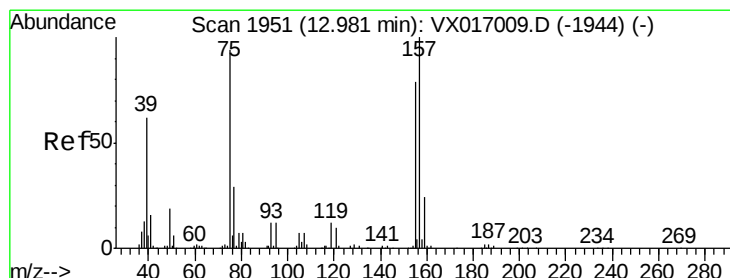
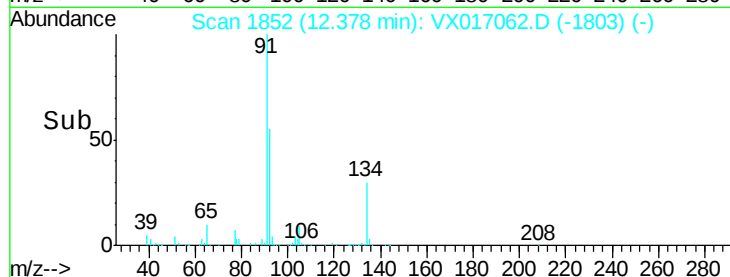
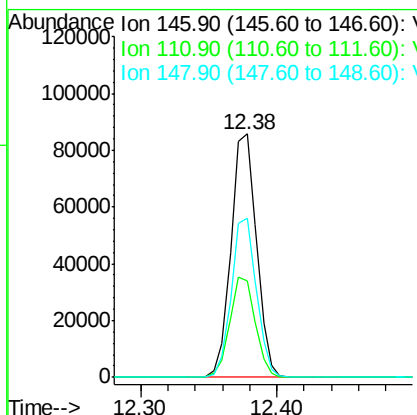
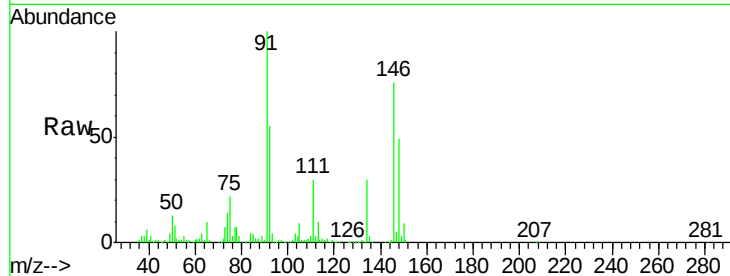
#91
 1,2-Dichlorobenzene
 Concen: 17.826 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017062.D
 Acq: 30 Jun 2020 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.9
148	64.5	32.4	97.2

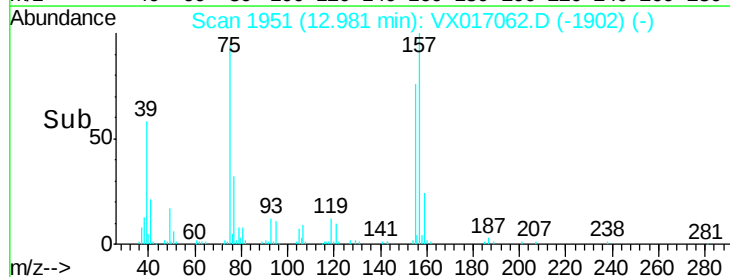
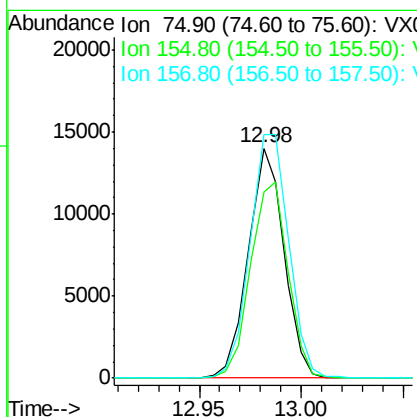
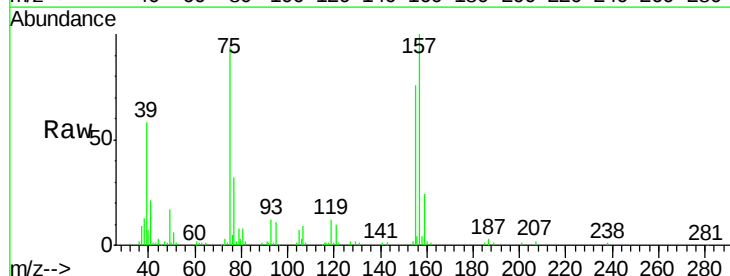
Manual Integrations
 APPROVED

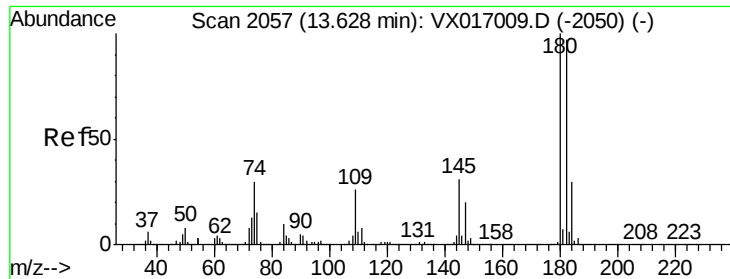
MMDadoda
 7/1/2020 10:48:53 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.931 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017062.D
 Acq: 30 Jun 2020 22:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.6	45.1	135.2
157	115.4	56.5	169.3





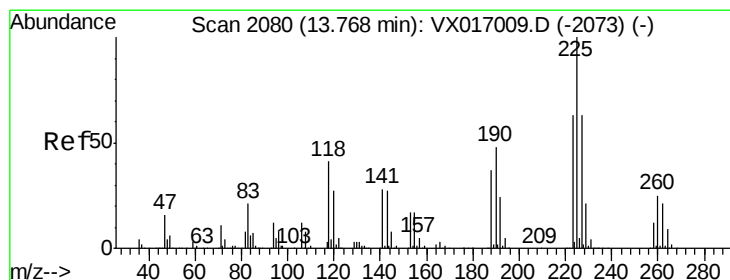
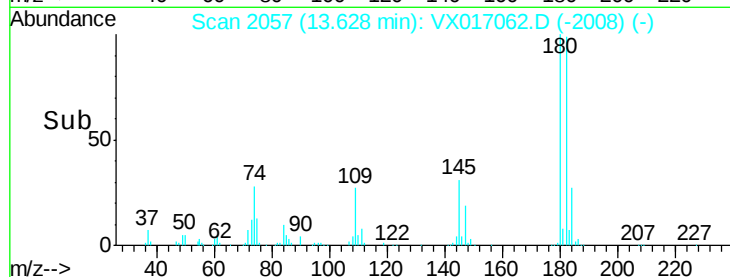
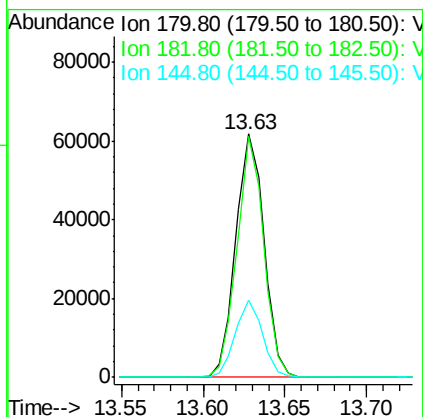
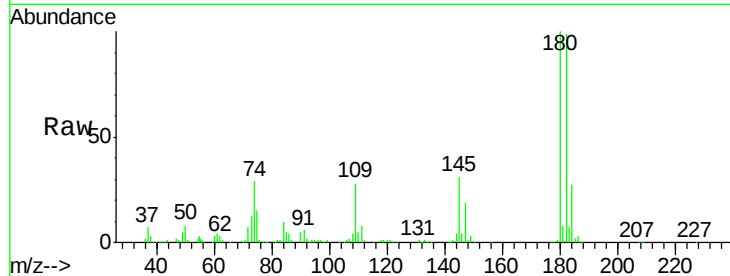
#93
1,2,4-Trichlorobenzene
Concen: 17.535 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Instrument :
MSVOA_X
ClientSampled :
VX0630WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.3	141.9
145	30.7	15.4	46.2

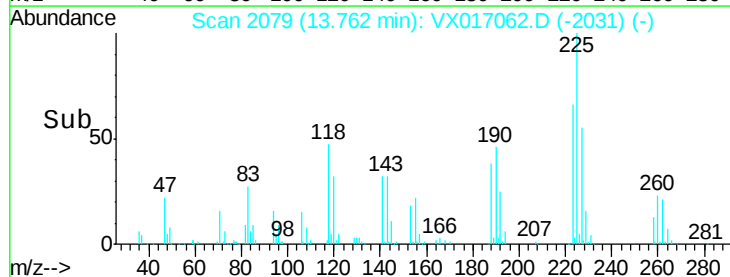
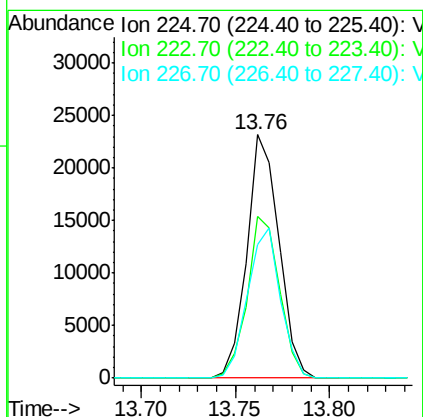
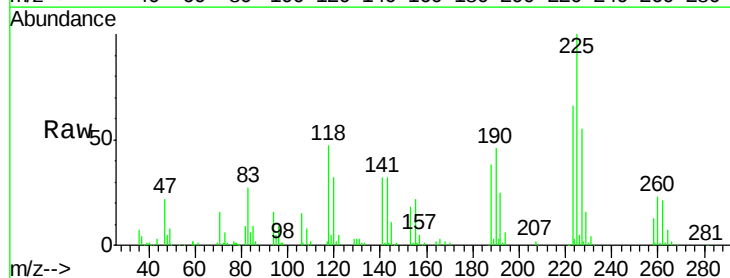
Manual Integrations
APPROVED

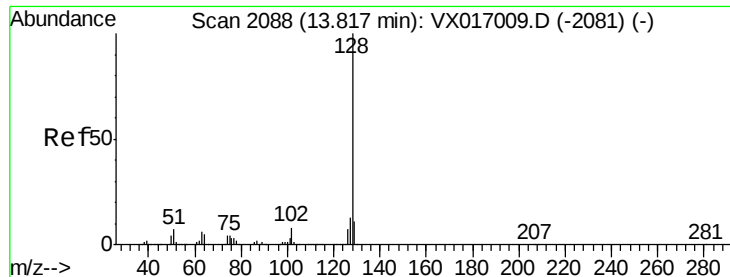
MMDadoda
7/1/2020 10:48:53 AM



#94
Hexachlorobutadiene
Concen: 17.380 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX017062.D
Acq: 30 Jun 2020 22:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.8	32.5	97.5
227	63.7	33.1	99.2





#95

Naphthalene

Concen: 18.059 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Instrument :

MSVOA_X

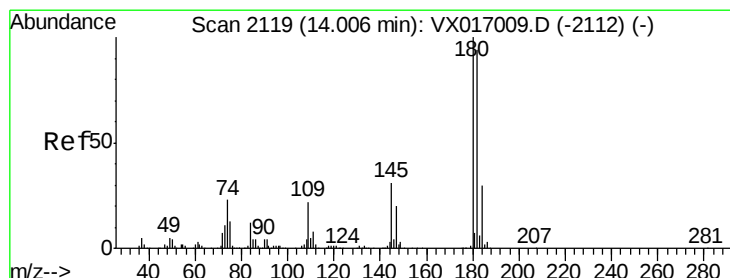
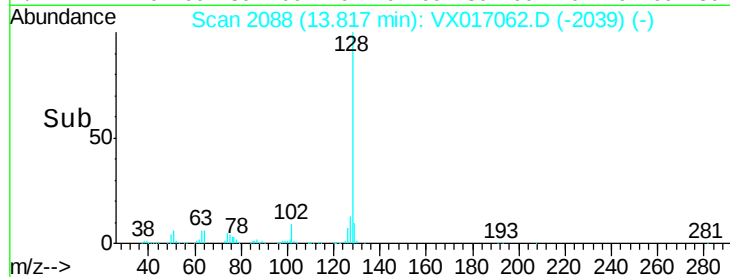
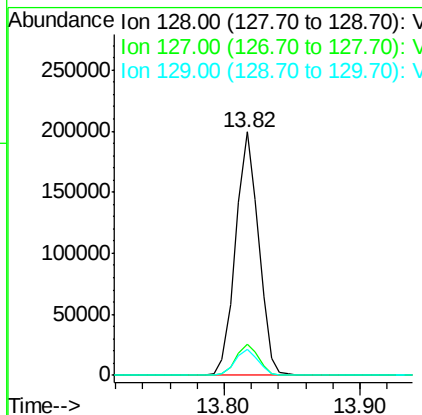
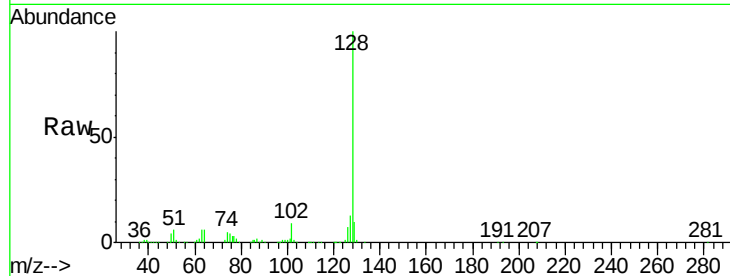
ClientSampleId :

VX0630WBS02

Tot Ion:	128	Resp:	234988
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/1/2020 10:48:53 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.333 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017062.D

Acq: 30 Jun 2020 22:51

Tgt Ion:	180	Resp:	75935
Ion Ratio	Lower	Upper	
180	100		
182	91.9	47.1	141.4
145	31.6	16.6	49.7

