

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123120\
 Data File : VX020482.D
 Acq On : 31 Dec 2020 14:49
 Operator : JC/MD
 Sample : PB133875ZHE#11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133875ZHE#11

Quant Time: Jan 01 00:10:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

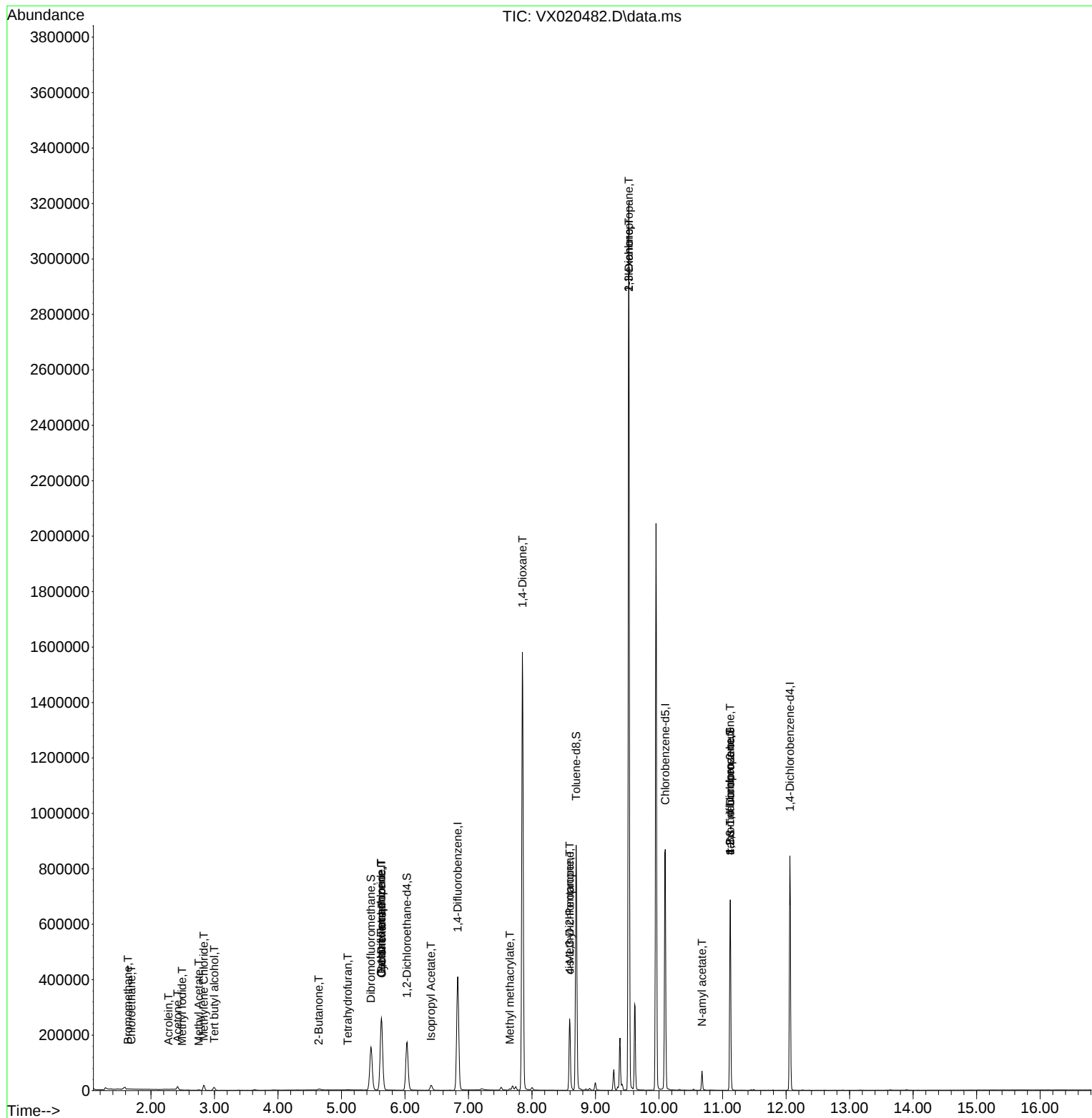
Internal Standards						
1) Pentafluorobenzene	5.629	168	246850	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	413477	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	412805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	171848	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	163869	49.52	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.04%		
35) Dibromofluoromethane	5.464	113	133803	50.59	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.18%		
50) Toluene-d8	8.695	98	524234	51.49	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.98%		
62) 4-Bromofluorobenzene	11.122	95	186746	47.92	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.84%		
Target Compounds					Qvalue	
5) Bromomethane	1.636	94	492	0.45	ug/l	94
6) Chloroethane	1.691	64	534	0.25	ug/l #	43
10) Methyl Iodide	2.489	142	274	3.36	ug/l #	68
11) Tert butyl alcohol	2.995	59	6262	8.45	ug/l #	80
13) Acrolein	2.276	56	140	0.30	ug/l #	14
16) Acetone	2.416	43	11607	7.69	ug/l	96
18) Methyl Acetate	2.751	43	1917	0.57	ug/l	97
20) Methylene Chloride	2.831	84	8591	2.53	ug/l	94
25) 2-Butanone	4.641	43	2736	1.25	ug/l	98
29) Tetrahydrofuran	5.099	42	793	0.57	ug/l #	85
31) Cyclohexane	5.635	56	4891	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	19075	4.67	ug/l #	48
38) Carbon Tetrachloride	5.623	117	24362	6.27	ug/l #	17
43) Isopropyl Acetate	6.409	43	22443	3.35	ug/l	99
48) Methyl methacrylate	7.653	41	6406	1.95	ug/l #	10
49) 1,4-Dioxane	7.848	88	265	3.45	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	81504	19.64	ug/l #	47
54) cis-1,3-Dichloropropene	8.592	75	43414	8.57	ug/l #	61
57) 1,3-Dichloropropane	9.525	76	27294	5.01	ug/l #	43
59) 2-Hexanone	9.525	43	334898	105.88	ug/l #	46
74) N-amyl acetate	10.677	43	15218	3.04	ug/l #	49
76) 1,2,3-Trichloropropane	11.122	75	89632	21.17	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	89632	62.82	ug/l #	12

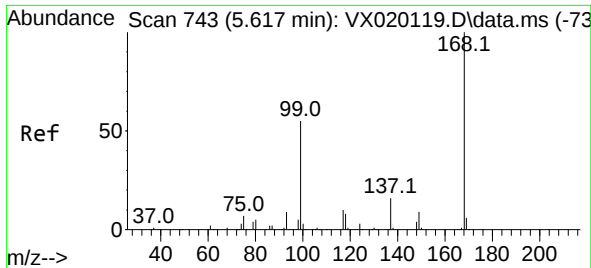
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123120\
Data File : VX020482.D
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Sample : PB133875ZHE#11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#11

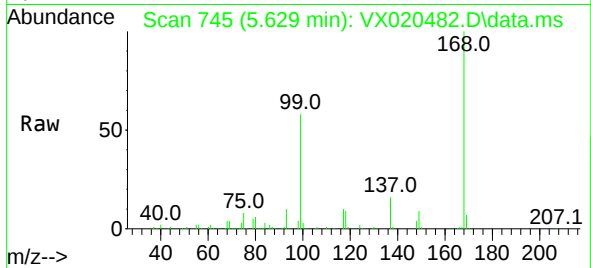
Quant Time: Jan 01 00:10:30 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



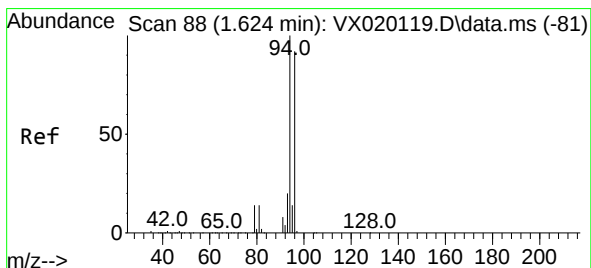
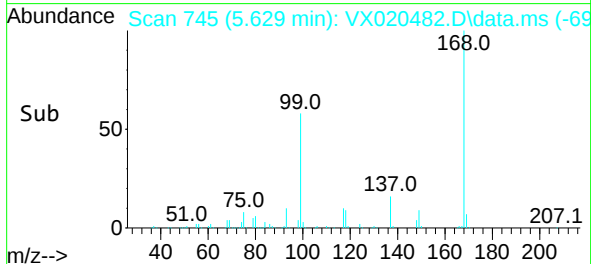
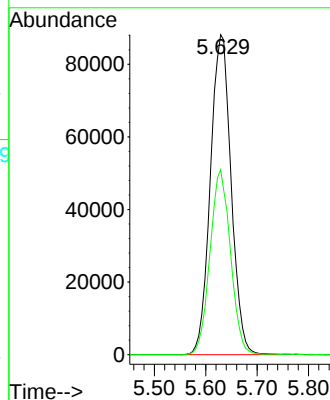


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#11

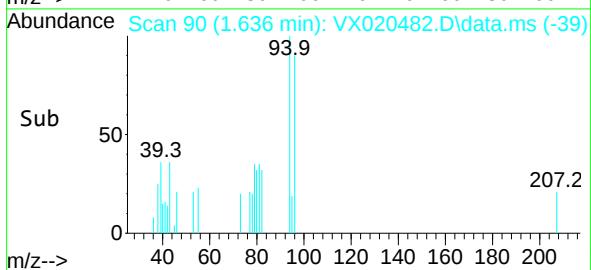
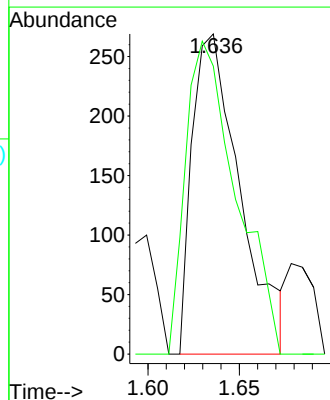
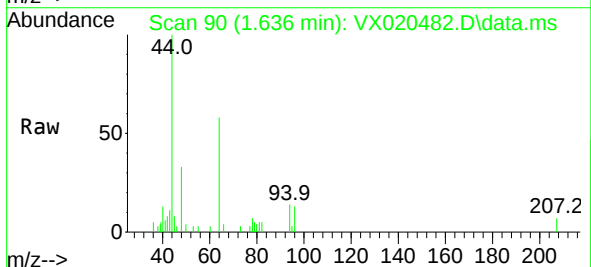


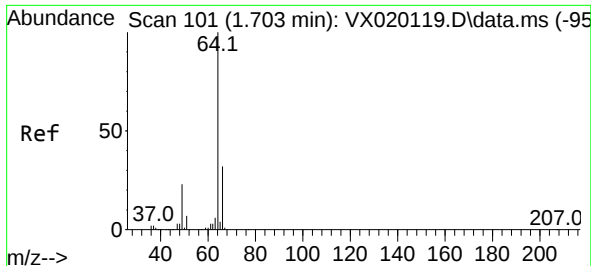
Tgt Ion:168 Resp: 246850
Ion Ratio Lower Upper
168 100
99 57.8 45.8 68.6



#5
Bromomethane
Concen: 0.45 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

Tgt Ion: 94 Resp: 492
Ion Ratio Lower Upper
94 100
96 90.0 76.4 114.6

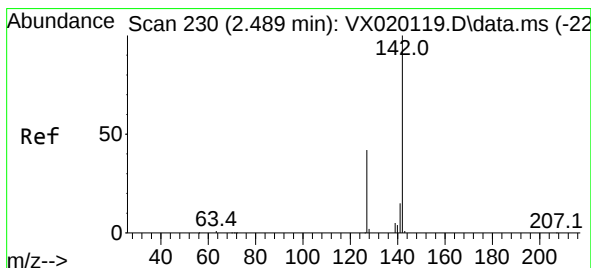
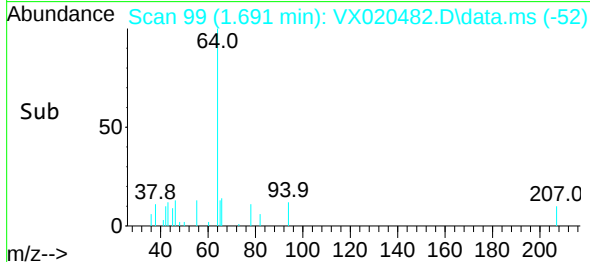
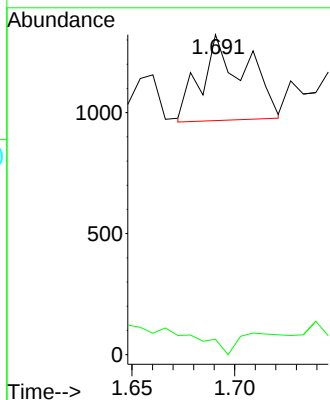
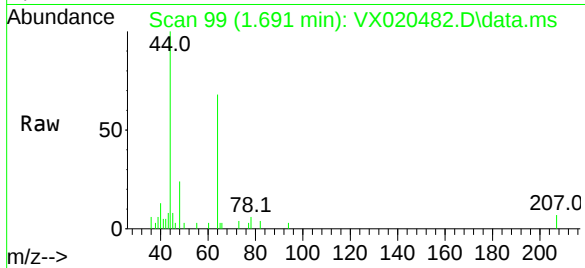




#6
Chloroethane
Concen: 0.25 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.012 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

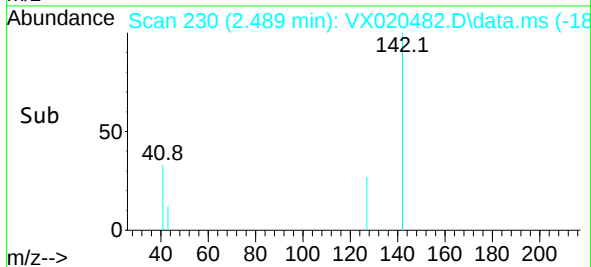
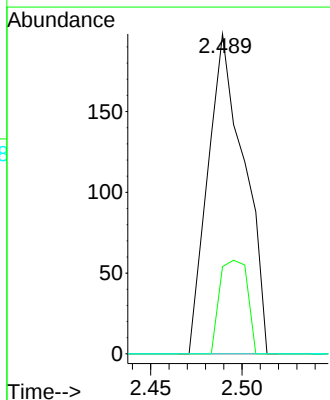
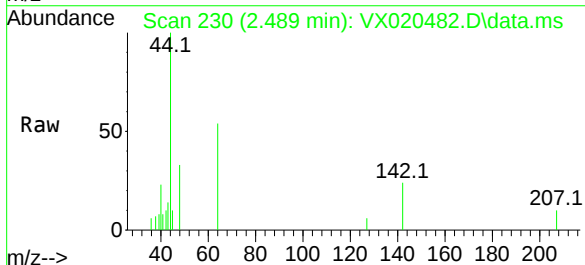
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#11

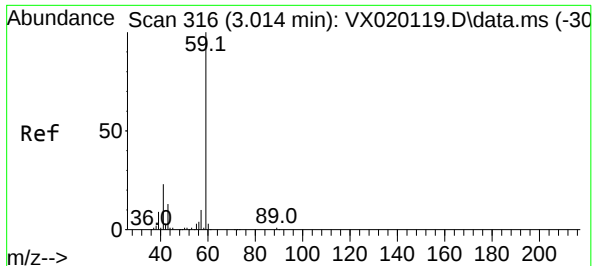
Tgt Ion: 64 Resp: 534
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 3.36 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

Tgt Ion:142 Resp: 274
Ion Ratio Lower Upper
142 100
127 22.3 33.3 49.9#
141 0.0 11.4 17.0#



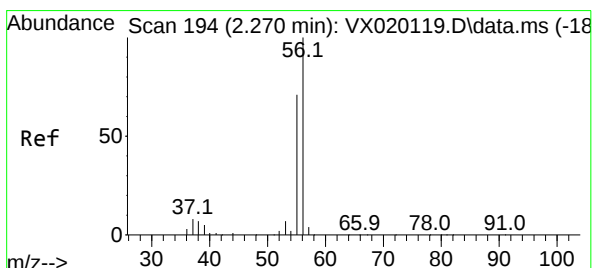
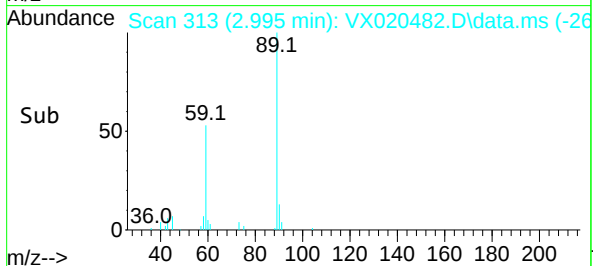
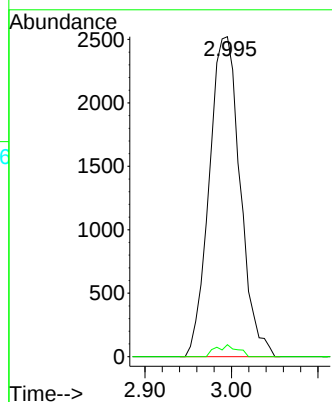
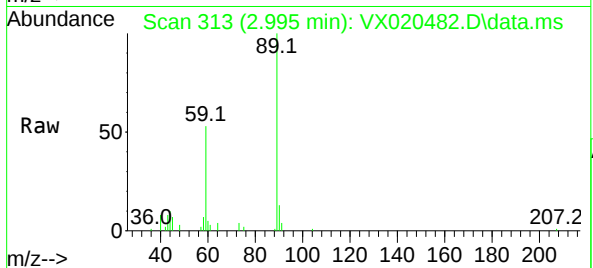


#11

Tert butyl alcohol
Concen: 8.45 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#11

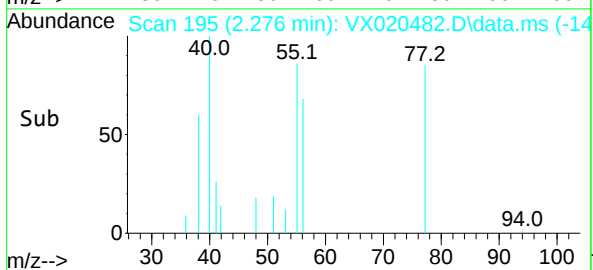
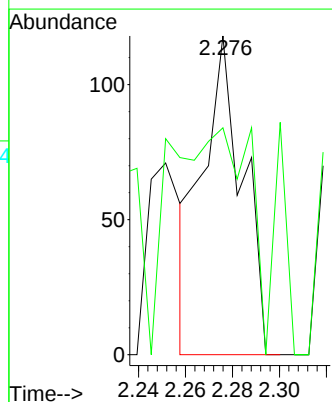
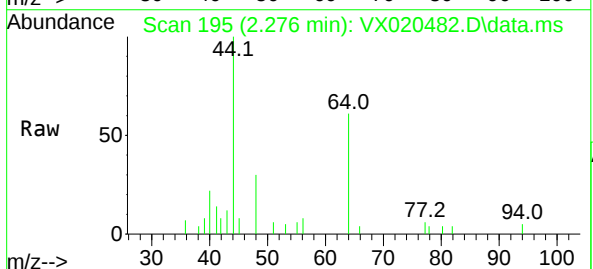
Tgt Ion: 59 Resp: 6262
Ion Ratio Lower Upper
59 100
57 2.6 7.8 11.8#



#13

Acrolein
Concen: 0.30 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

Tgt Ion: 56 Resp: 140
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

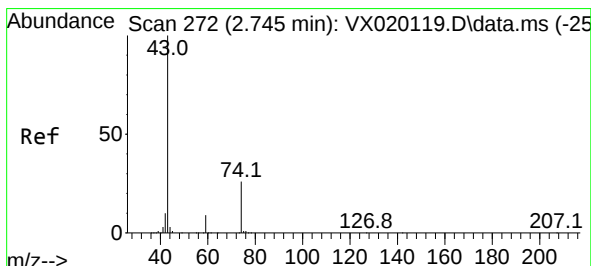
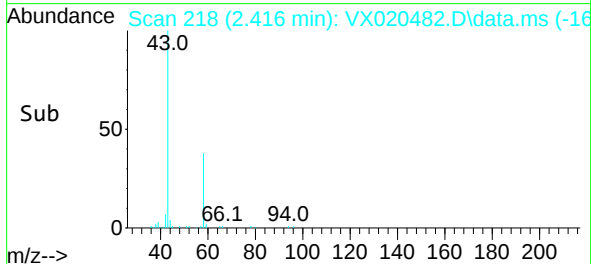
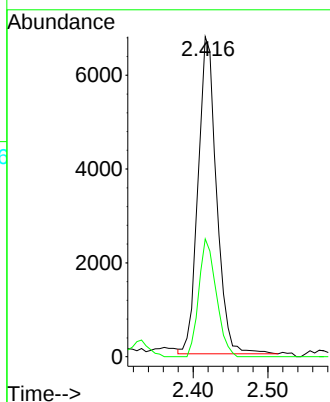
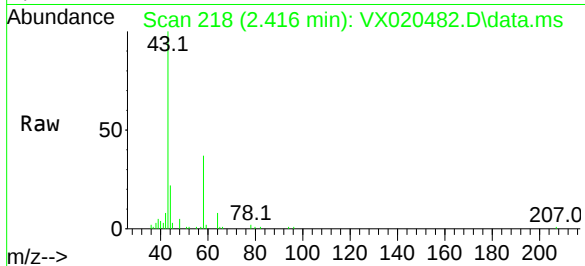




#16
Acetone
Concen: 7.69 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

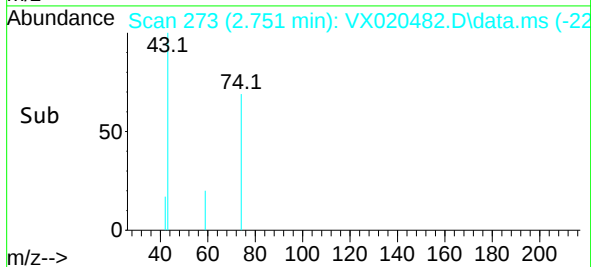
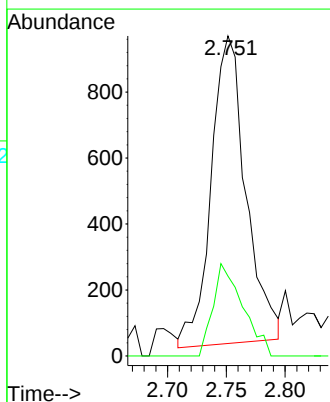
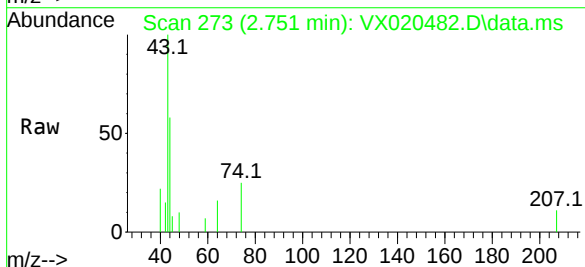
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#11

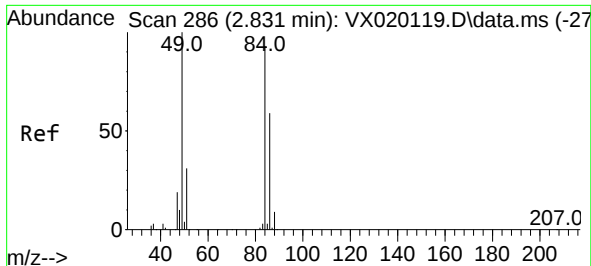
Tgt Ion: 43 Resp: 11607
Ion Ratio Lower Upper
43 100
58 37.1 27.8 41.8



#18
Methyl Acetate
Concen: 0.57 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

Tgt Ion: 43 Resp: 1917
Ion Ratio Lower Upper
43 100
74 25.8 21.9 32.9

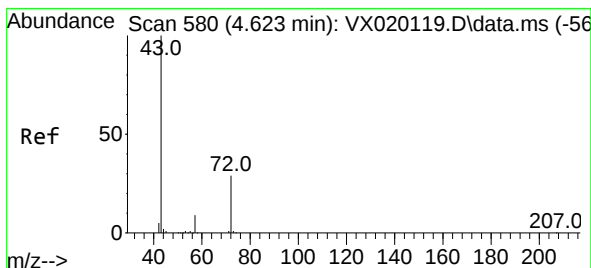
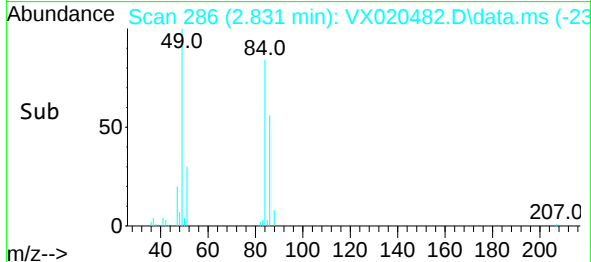
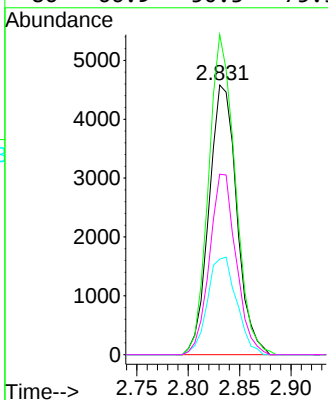
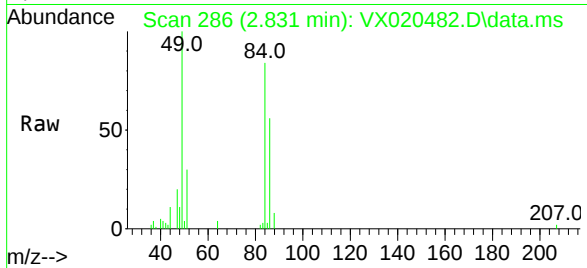




#20
Methylene Chloride
Concen: 2.53 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

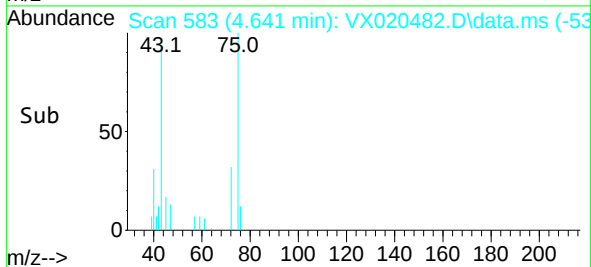
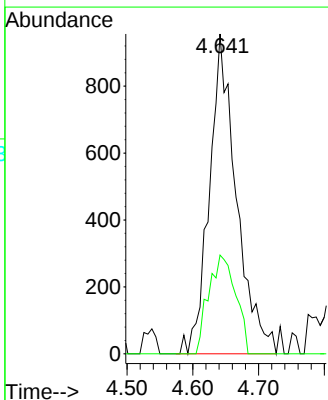
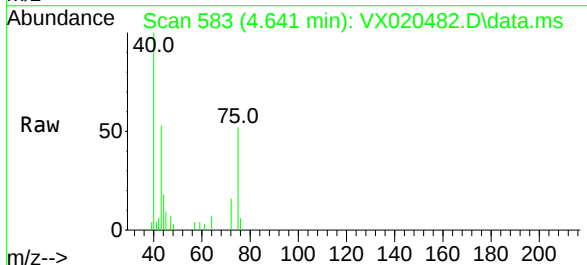
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#11

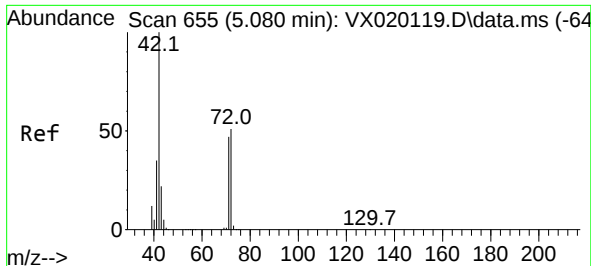
Tgt Ion:	84	Resp:	8591
Ion	Ratio	Lower	Upper
84	100		
49	118.7	88.6	132.8
51	35.5	27.0	40.6
86	66.9	50.3	75.5



#25
2-Butanone
Concen: 1.25 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.018 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

Tgt Ion:	43	Resp:	2736
Ion	Ratio	Lower	Upper
43	100		
72	30.9	23.7	35.5





#29

Tetrahydrofuran

Concen: 0.57 ug/l

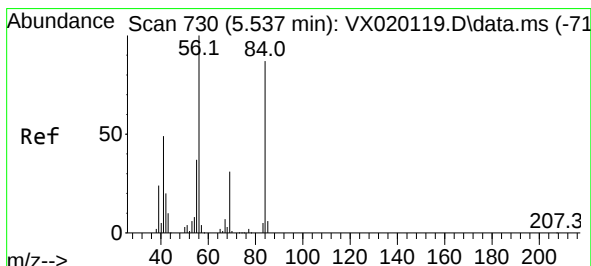
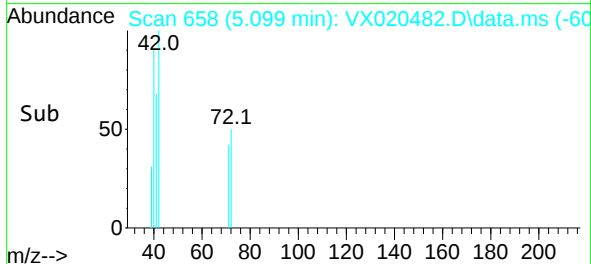
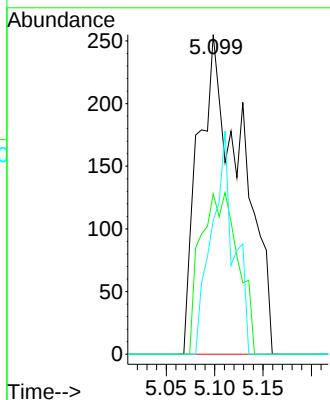
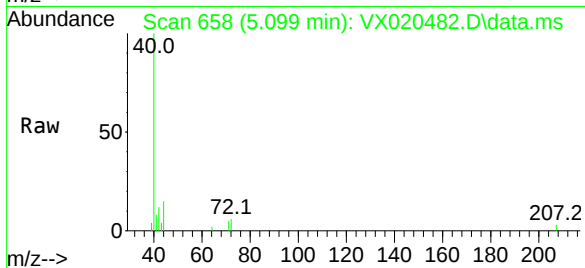
RT: 5.099 min Scan# 658

Delta R.T. 0.019 min

Lab File: VX020482.D

Acq: 31 Dec 2020 14:49

Tgt Ion:	42	Resp:	793
Ion	Ratio	Lower	Upper
42	100		
72	43.8	41.7	62.5
71	36.1	38.4	57.6#



#31

Cyclohexane

Concen: 1.07 ug/l

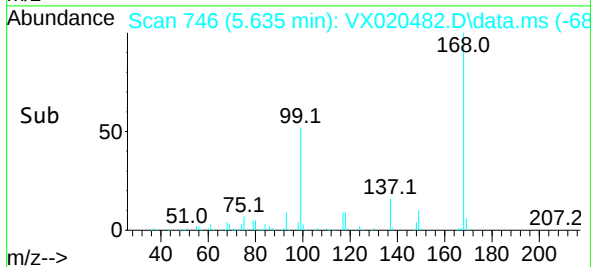
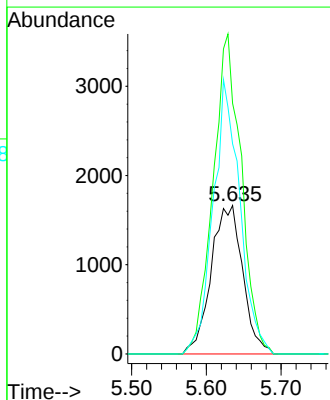
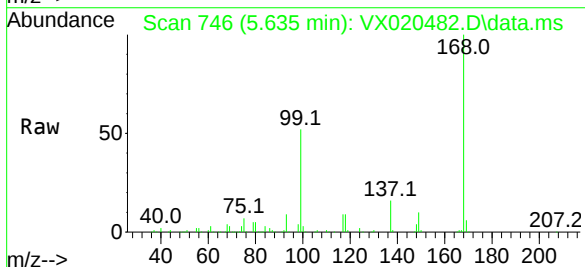
RT: 5.635 min Scan# 746

Delta R.T. 0.098 min

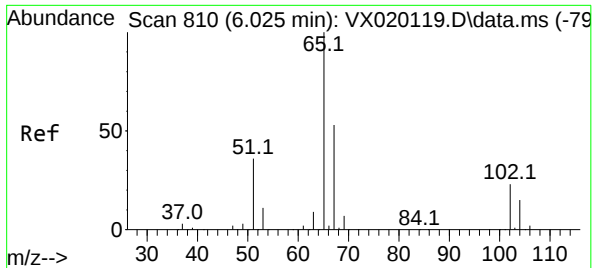
Lab File: VX020482.D

Acq: 31 Dec 2020 14:49

Tgt Ion:	56	Resp:	4891
Ion	Ratio	Lower	Upper
56	100		
69	168.8	25.3	37.9#
84	141.5	71.4	107.0#



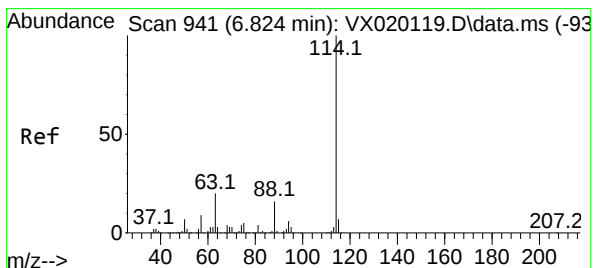
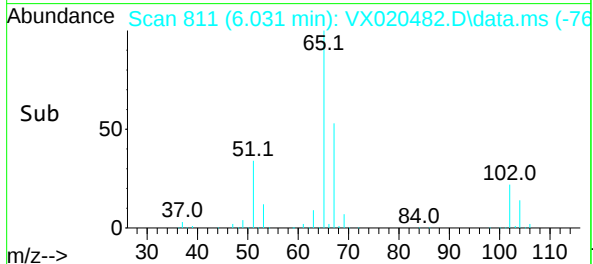
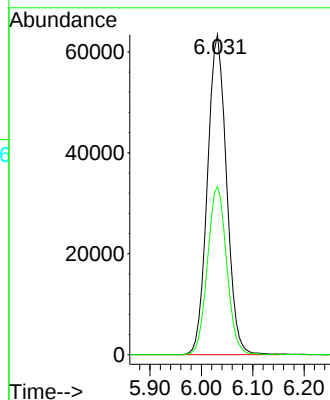
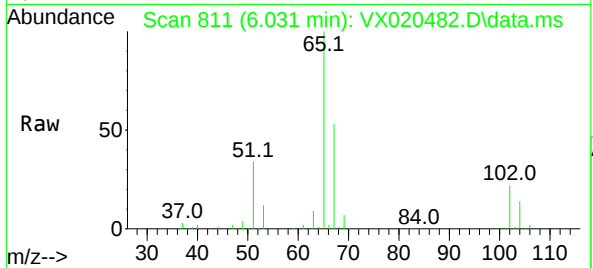
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#11



#33
1,2-Dichloroethane-d4
Concen: 49.52 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

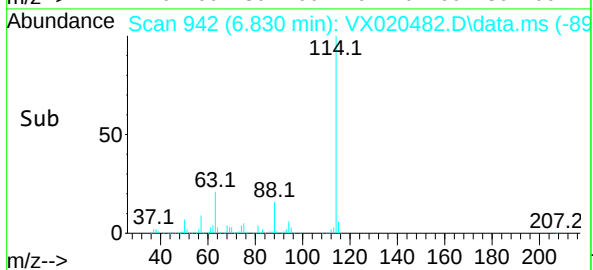
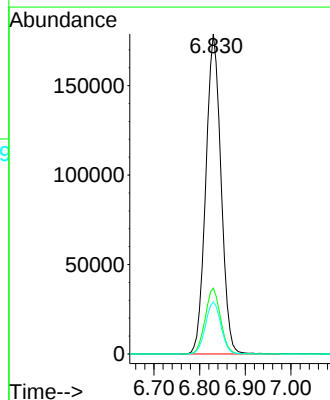
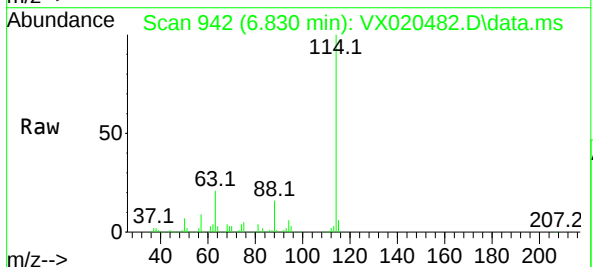
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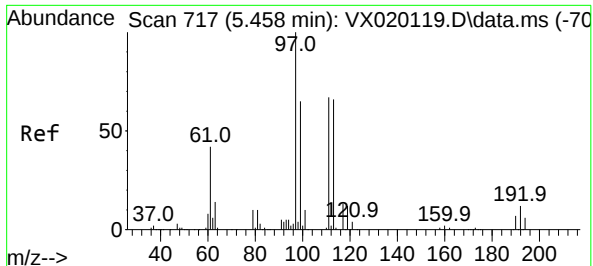
Tgt Ion: 65 Resp: 163869
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

Tgt Ion: 114 Resp: 413477
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.2 0.0 32.8

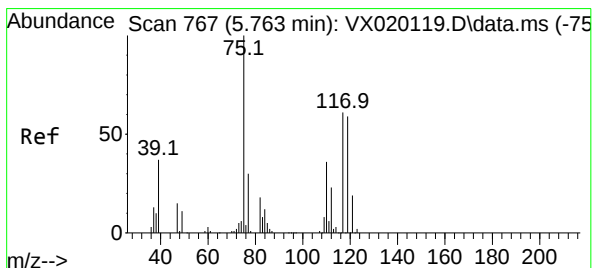
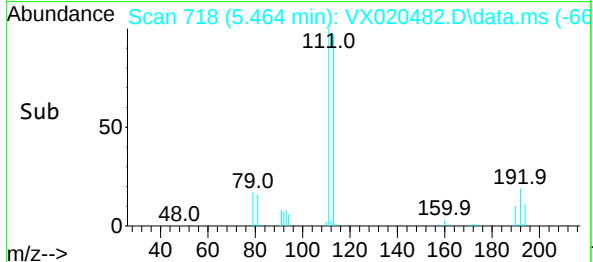
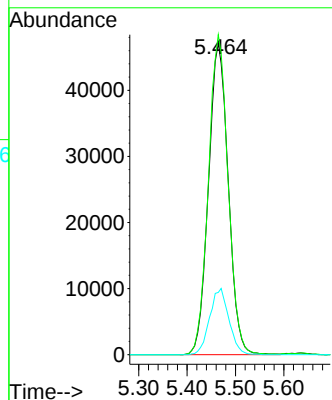
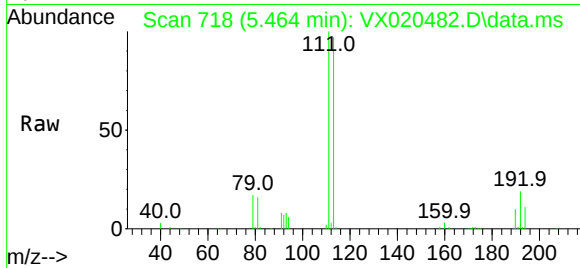




#35
Dibromofluoromethane
Concen: 50.59 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

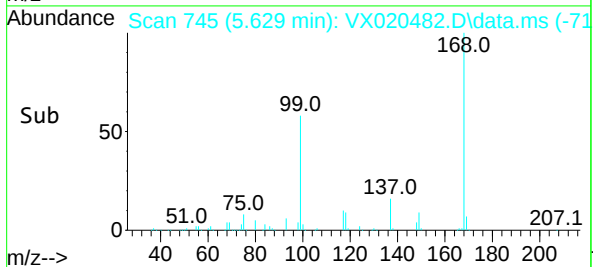
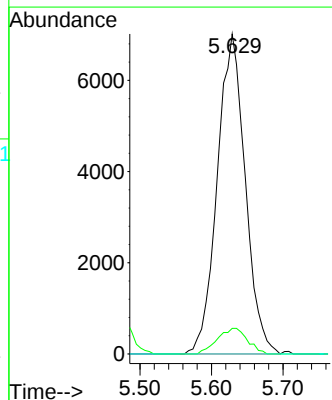
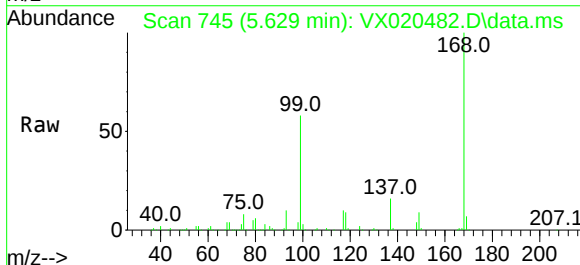
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#11

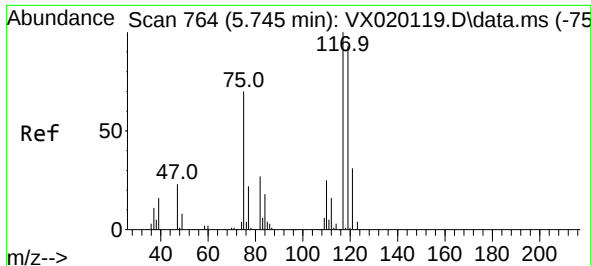
Tgt Ion:113 Resp: 133803
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 20.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

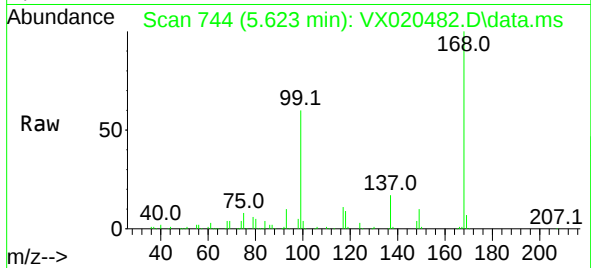
Tgt Ion: 75 Resp: 19075
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



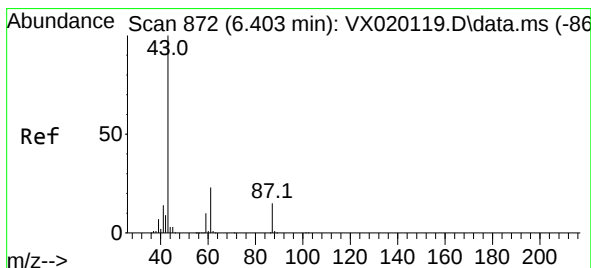
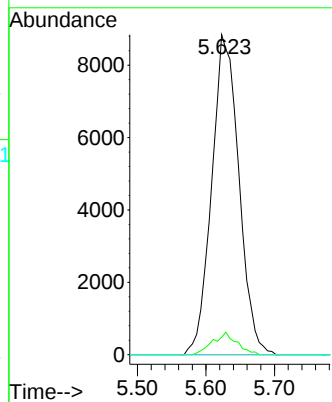
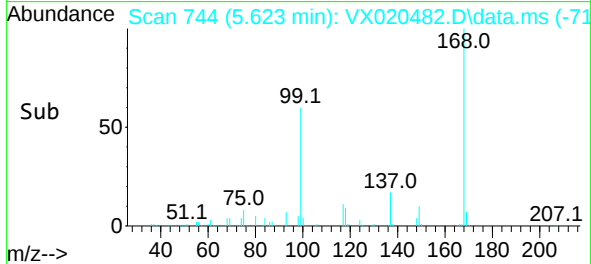


#38
Carbon Tetrachloride
Concen: 6.27 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

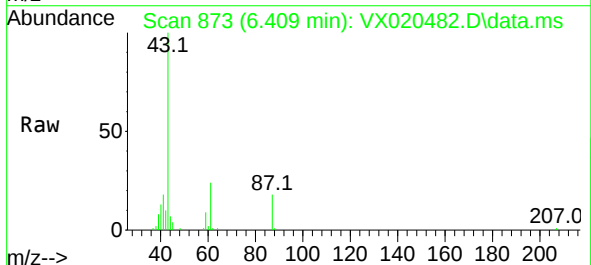
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#11



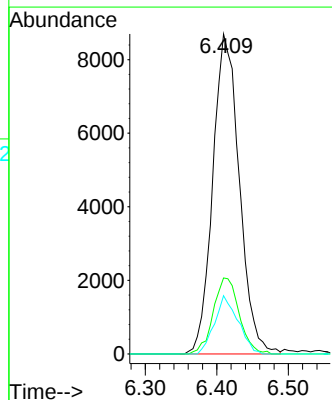
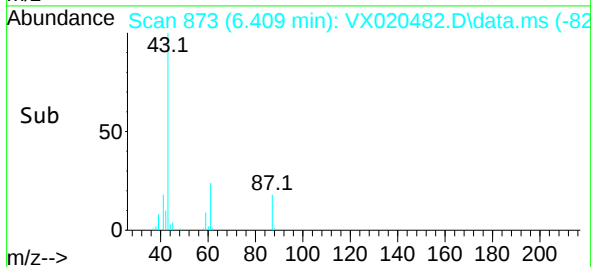
Tgt Ion:117 Resp: 24362
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

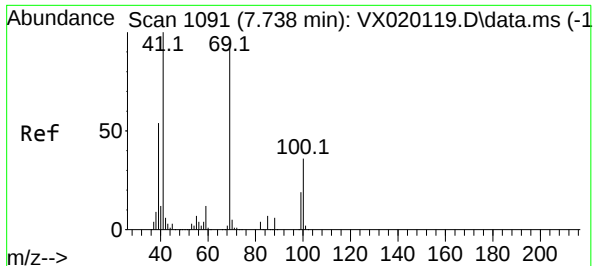


#43
Isopropyl Acetate
Concen: 3.35 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49



Tgt Ion: 43 Resp: 22443
Ion Ratio Lower Upper
43 100
61 23.2 18.2 27.4
87 16.1 12.5 18.7

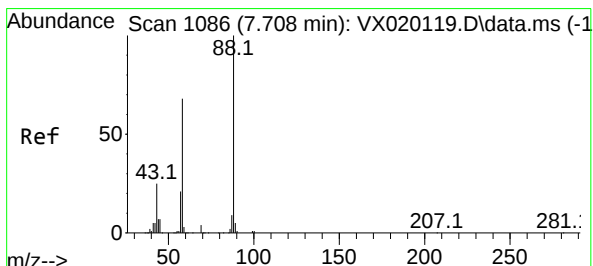
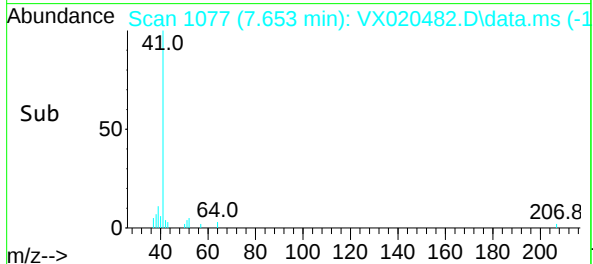
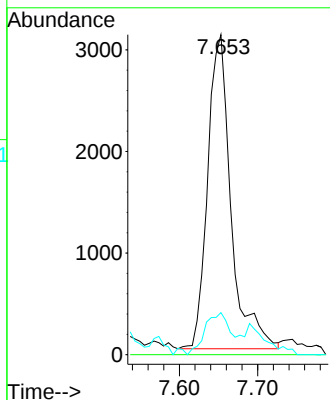
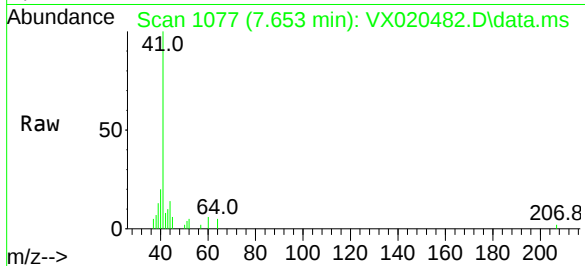




#48
Methyl methacrylate
Concen: 1.95 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.085 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

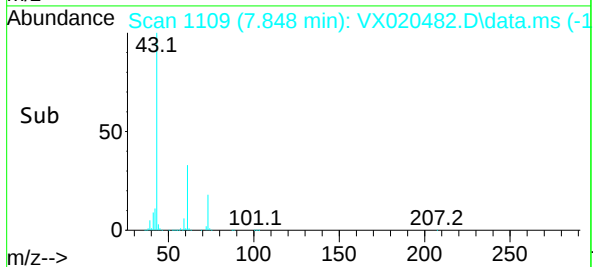
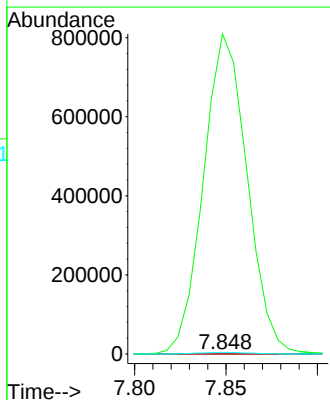
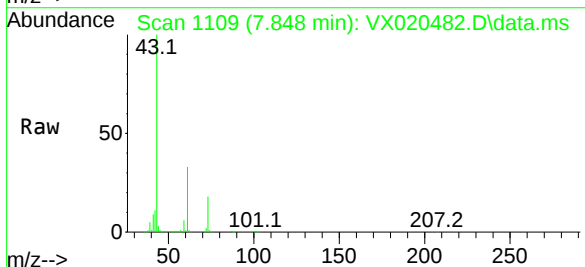
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#11

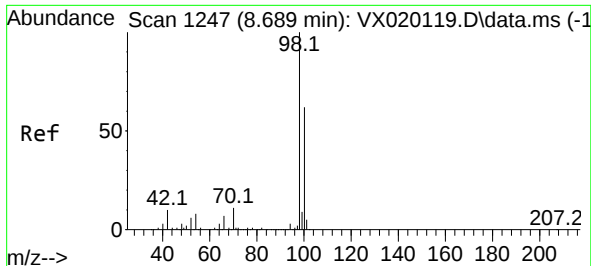
Tgt Ion: 41 Resp: 6406
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 3.45 ug/l
RT: 7.848 min Scan# 1109
Delta R.T. 0.140 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

Tgt Ion: 88 Resp: 265
Ion Ratio Lower Upper
88 100
43 510534.7 23.2 34.8#
58 2773.6 55.0 82.4#

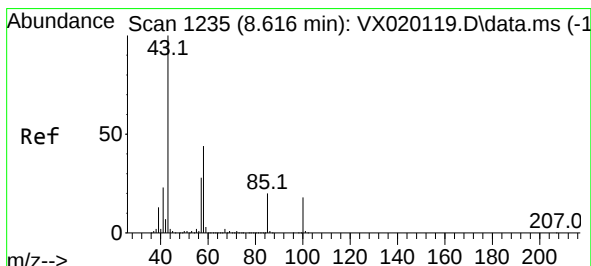
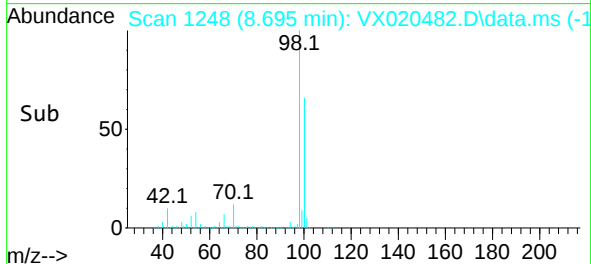
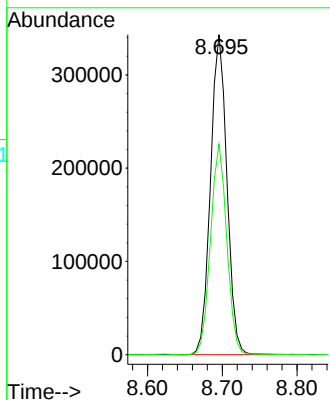
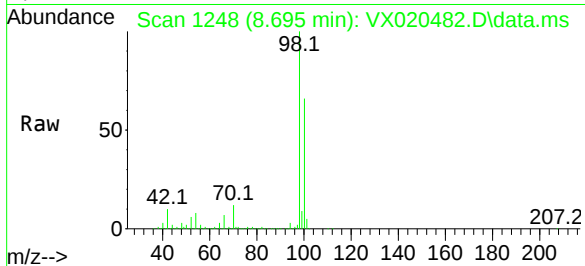




#50
Toluene-d8
Concen: 51.49 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

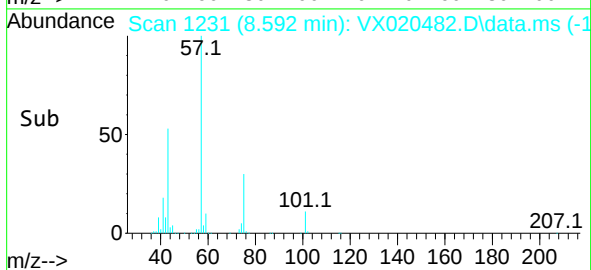
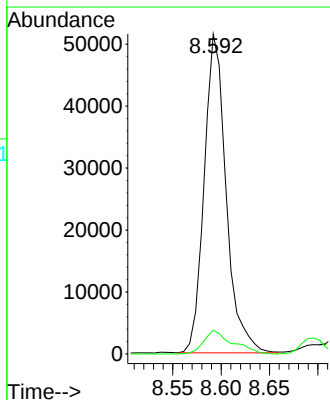
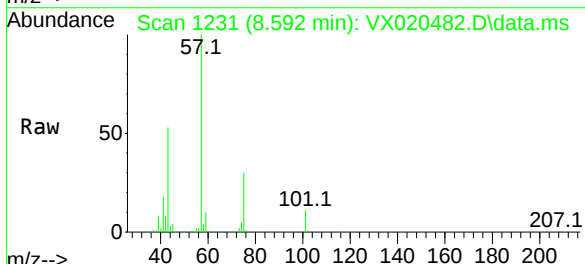
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#11

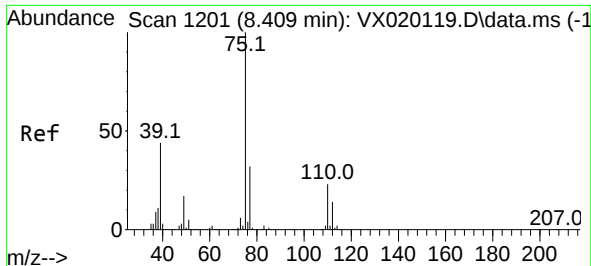
Tgt Ion: 98 Resp: 524234
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 19.64 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.024 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

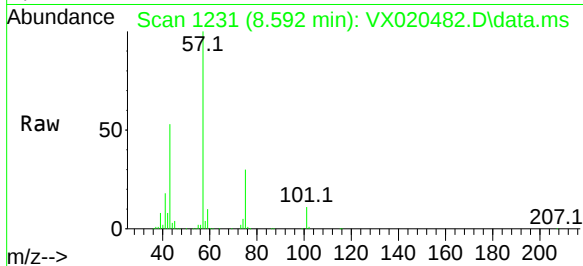
Tgt Ion: 43 Resp: 81504
Ion Ratio Lower Upper
43 100
58 9.6 35.4 53.0#



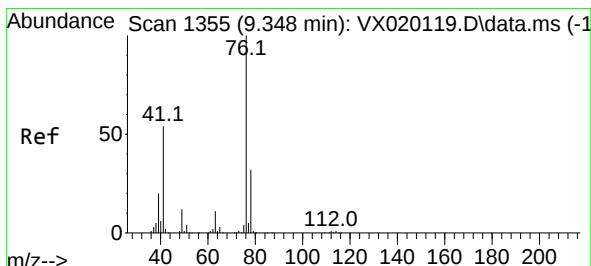
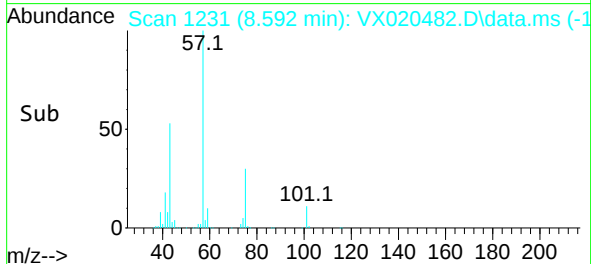
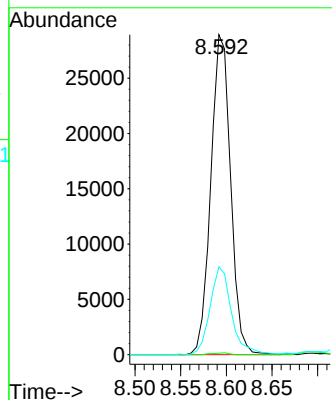


#54
cis-1,3-Dichloropropene
Concen: 8.57 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.183 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#11

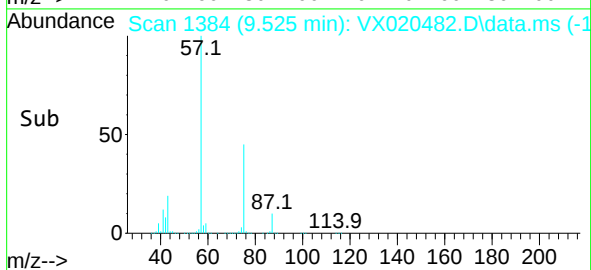
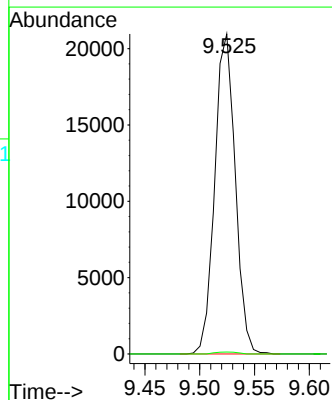
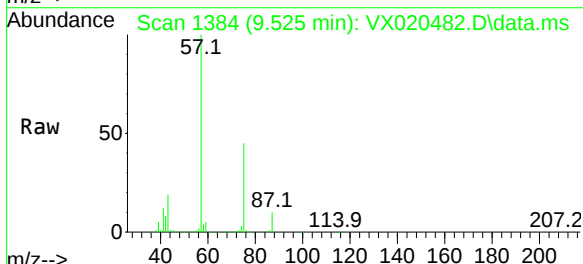


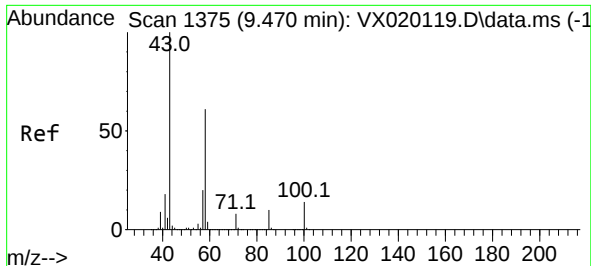
Tgt Ion: 75 Resp: 43414
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 27.2 35.1 52.7#



#57
1,3-Dichloropropane
Concen: 5.01 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.177 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

Tgt Ion: 76 Resp: 27294
Ion Ratio Lower Upper
76 100
78 0.7 26.2 39.2#

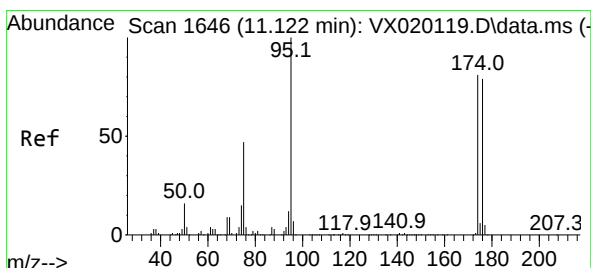
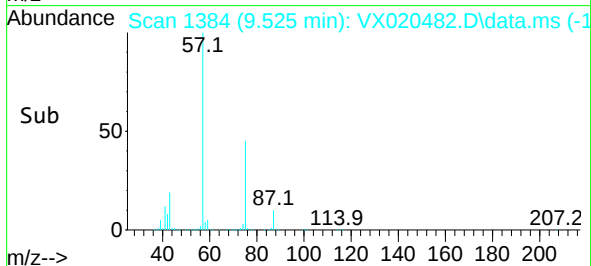
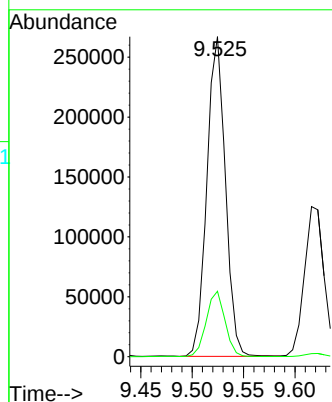
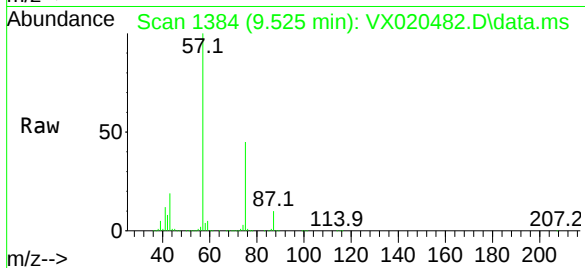




#59
2-Hexanone
Concen: 105.88 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.055 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

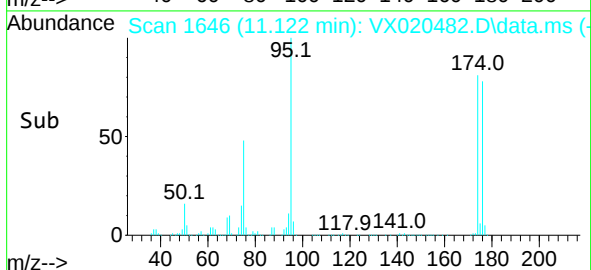
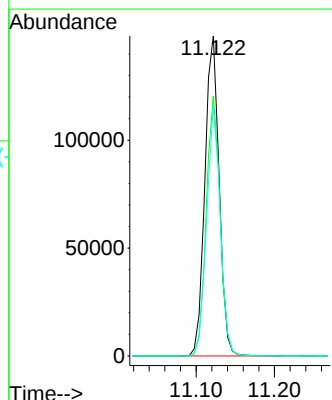
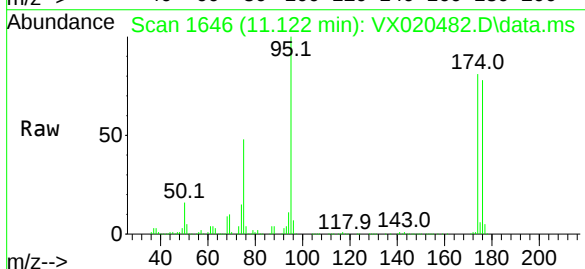
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#11

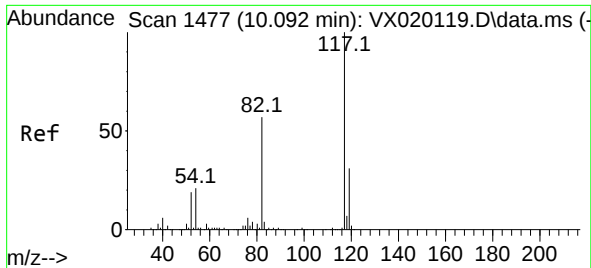
Tgt Ion: 43 Resp: 334898
Ion Ratio Lower Upper
43 100
58 20.7 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 47.92 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

Tgt Ion: 95 Resp: 186746
Ion Ratio Lower Upper
95 100
174 79.3 0.0 154.6
176 74.7 0.0 155.8

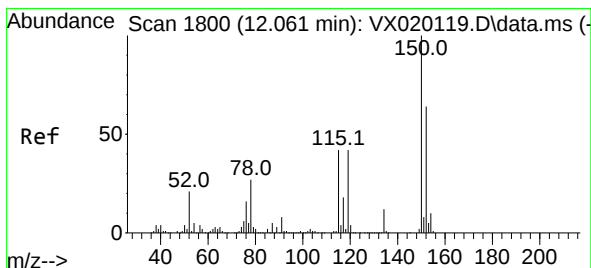
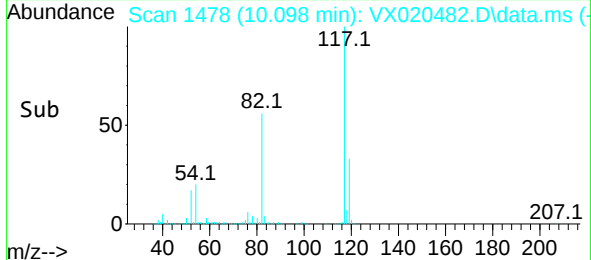
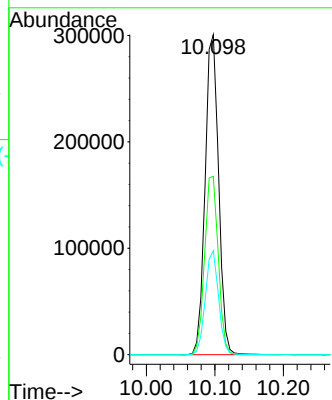
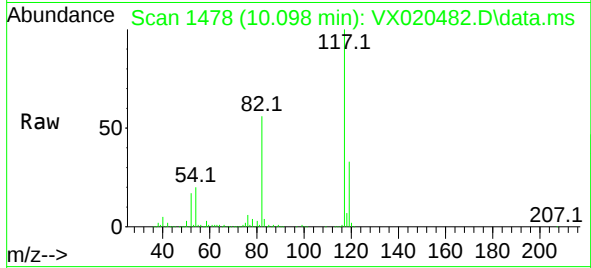




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

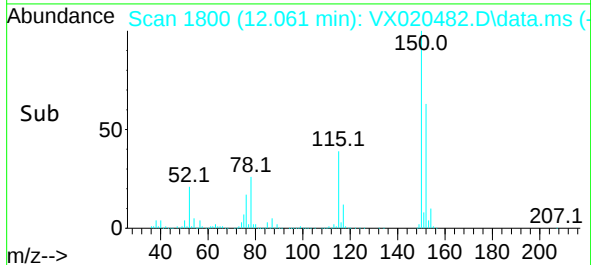
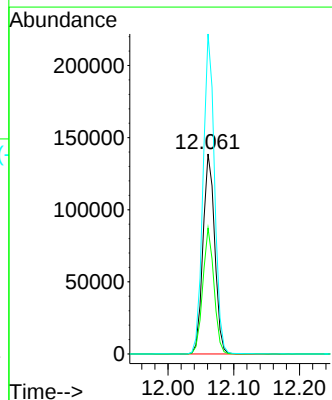
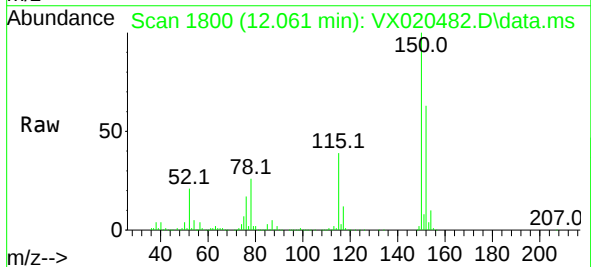
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#11

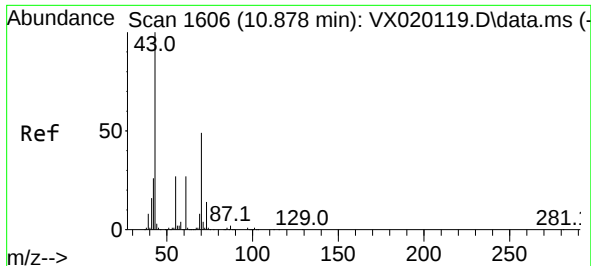
Tgt Ion:	117	Resp:	412805
Ion	Ratio	Lower	Upper
117	100		
82	55.8	47.4	71.2
119	32.5	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

Tgt Ion:	152	Resp:	171848
Ion	Ratio	Lower	Upper
152	100		
115	60.0	41.1	123.3
150	156.4	0.0	349.0

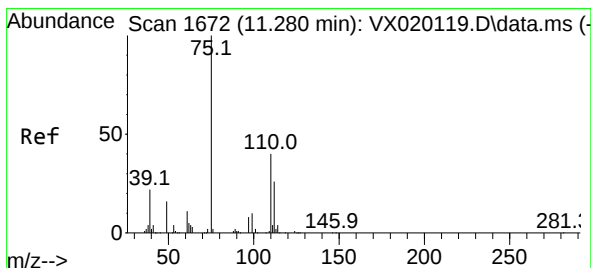
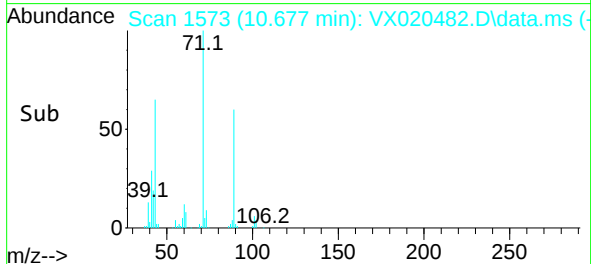
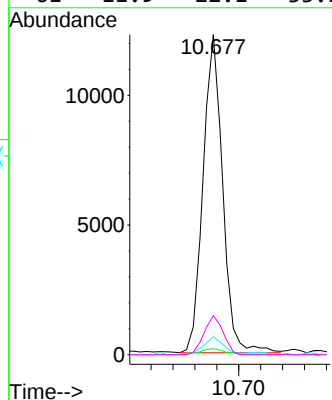
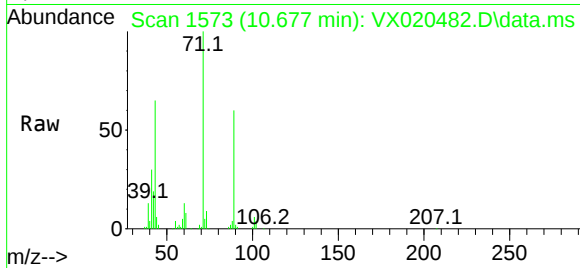




#74
N-amy1 acetate
Concen: 3.04 ug/l
RT: 10.677 min Scan# 1573
Delta R.T. -0.201 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

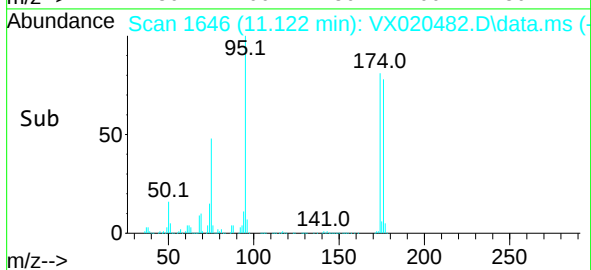
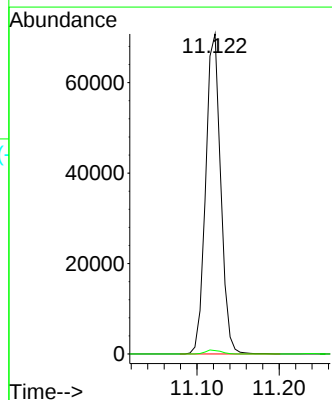
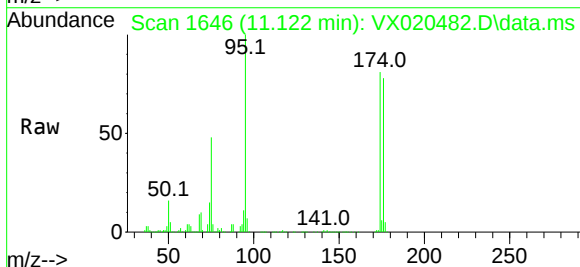
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#11

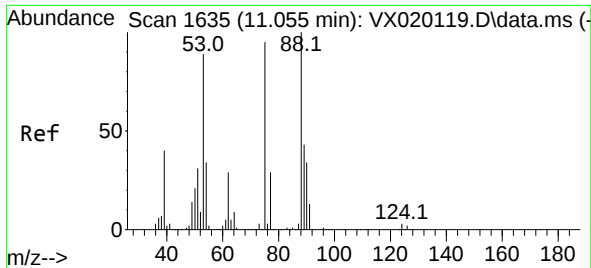
Tgt Ion: 43	Resp: 15218
Ion Ratio	Lower Upper
43 100	
70 2.3	39.0 58.6#
55 5.9	21.5 32.3#
61 11.9	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 21.17 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020482.D
Acq: 31 Dec 2020 14:49

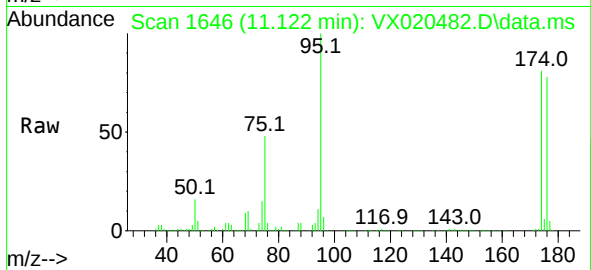
Tgt Ion: 75	Resp: 89632
Ion Ratio	Lower Upper
75 100	
77 1.3	19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.82 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020482.D
 Acq: 31 Dec 2020 14:49

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133875ZHE#11



Tgt Ion: 75 Resp: 89632
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

