

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020146.D
 Acq On : 19 Dec 2020 03:55
 Operator : JC/MD
 Sample : PB133677ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133677ZHE#08

Quant Time: Dec 19 06:38:39 2020
 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)

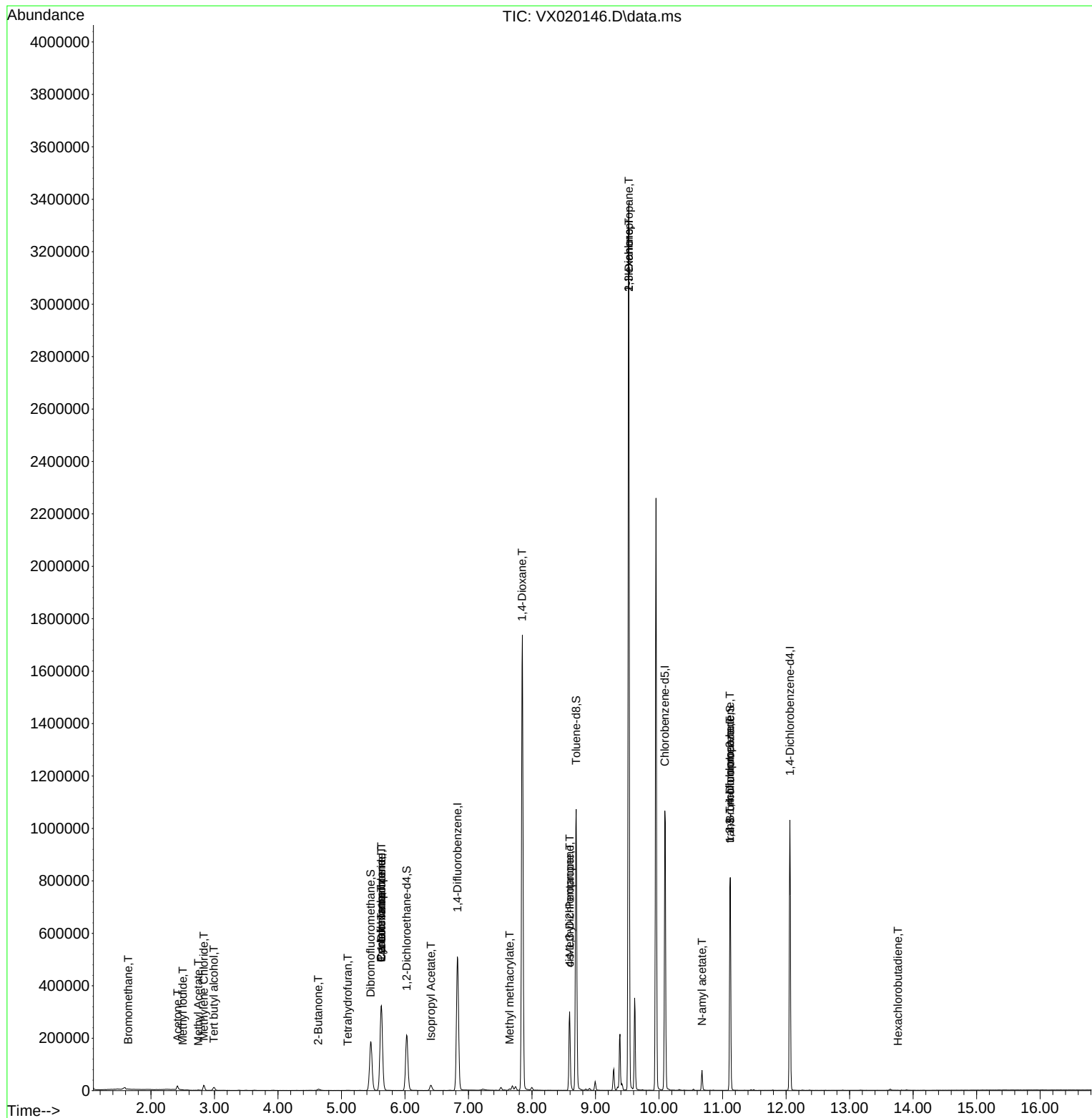
Internal Standards						
1) Pentafluorobenzene	5.623	168	311844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	525968	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	494693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	210374	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	202029	48.33	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.66%		
35) Dibromofluoromethane	5.458	113	161925	48.13	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.26%		
50) Toluene-d8	8.696	98	646397	49.91	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.82%		
62) 4-Bromofluorobenzene	11.122	95	231348	46.67	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.34%		
Target Compounds						Qvalue
5) Bromomethane	1.642	94	721	0.53	ug/l	82
10) Methyl Iodide	2.502	142	1012	3.51	ug/l	95
11) Tert butyl alcohol	2.989	59	7005	7.48	ug/l #	75
16) Acetone	2.416	43	13299	6.98	ug/l	97
18) Methyl Acetate	2.745	43	2156	0.51	ug/l #	88
20) Methylene Chloride	2.831	84	8963	2.09	ug/l	97
25) 2-Butanone	4.635	43	3487	1.26	ug/l #	85
29) Tetrahydrofuran	5.099	42	651	0.37	ug/l #	32
31) Cyclohexane	5.623	56	6076	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	24250	4.67	ug/l #	48
38) Carbon Tetrachloride	5.629	117	31026	6.28	ug/l #	17
43) Isopropyl Acetate	6.409	43	26096	3.06	ug/l	98
48) Methyl methacrylate	7.647	41	7065	1.69	ug/l #	10
49) 1,4-Dioxane	7.842	88	244	2.49	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	92907	17.60	ug/l #	47
54) cis-1,3-Dichloropropene	8.592	75	49500	7.69	ug/l #	61
57) 1,3-Dichloropropane	9.525	76	30636	4.42	ug/l #	43
59) 2-Hexanone	9.525	43	373612	92.86	ug/l #	46
74) N-amyl acetate	10.677	43	16493	2.69	ug/l #	48
76) 1,2,3-Trichloropropane	11.116	75	112006	21.61	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.116	75	112006	64.12	ug/l #	12
94) Hexachlorobutadiene	13.762	225	56	2.67	ug/l #	43

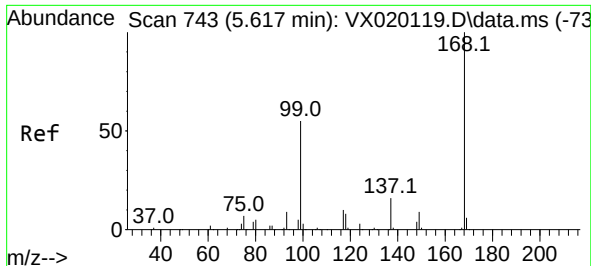
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB133677ZHE#08

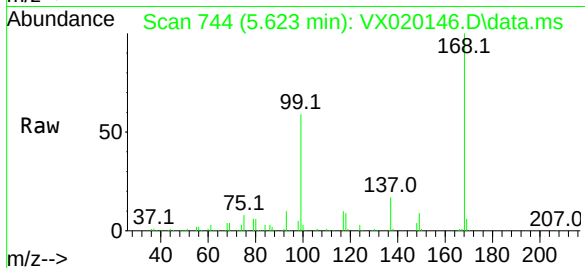
Quant Time: Dec 19 06:38:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



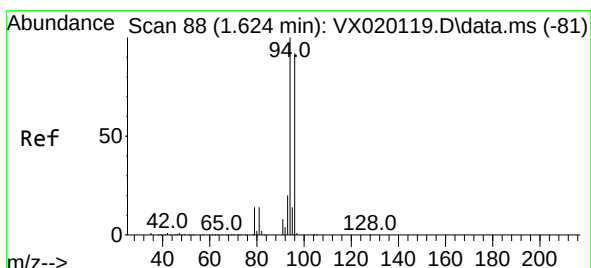
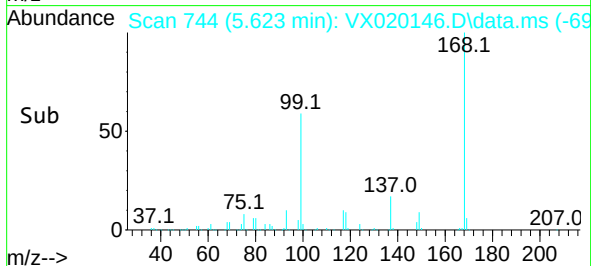
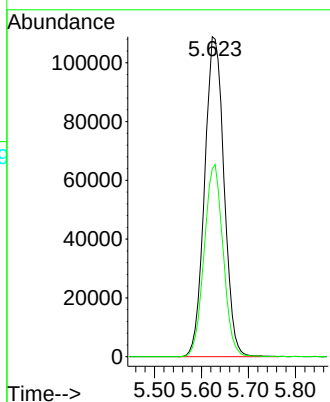


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

Instrument :
MSVOA_X
ClientSampleId :
PB133677ZHE#08

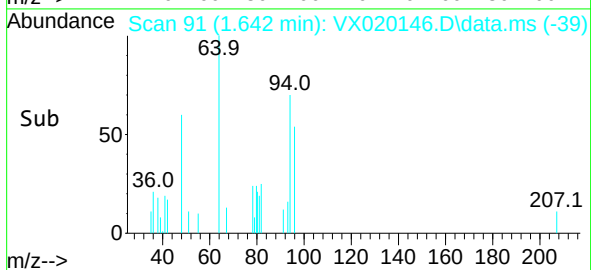
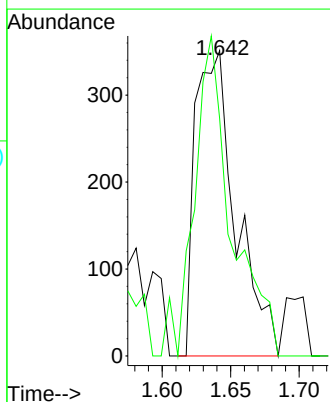
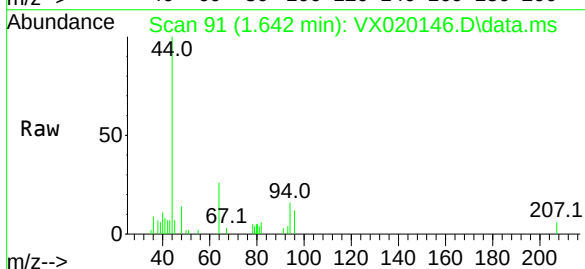


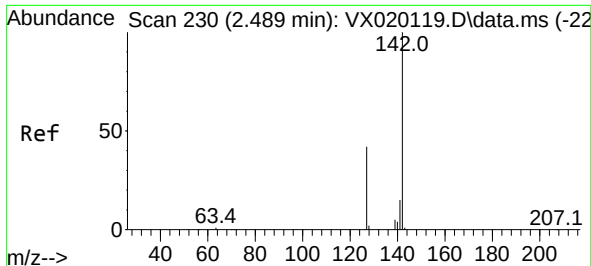
Tgt Ion:168 Resp: 311844
Ion Ratio Lower Upper
168 100
99 58.7 45.8 68.6



#5
Bromomethane
Concen: 0.53 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

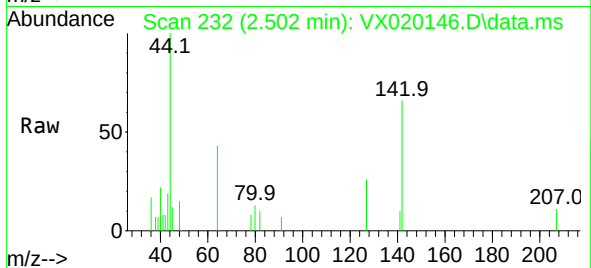
Tgt Ion: 94 Resp: 721
Ion Ratio Lower Upper
94 100
96 77.8 76.4 114.6



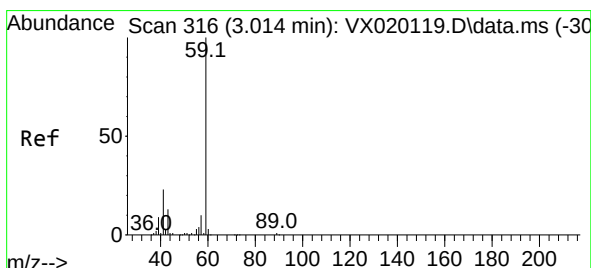
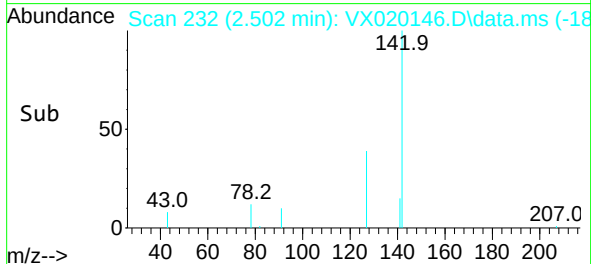
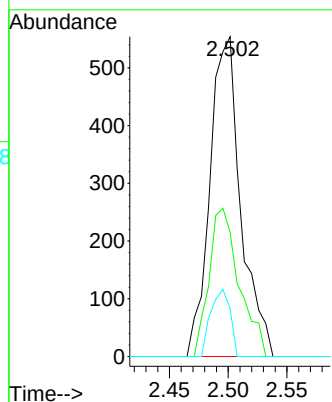


#10
Methyl Iodide
Concen: 3.51 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.013 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

Instrument :
MSVOA_X
ClientSampleId :
PB133677ZHE#08

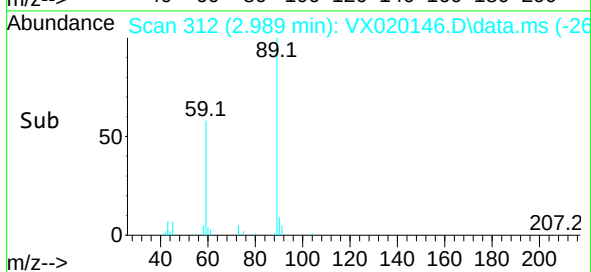
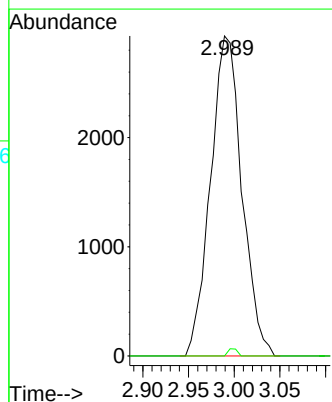
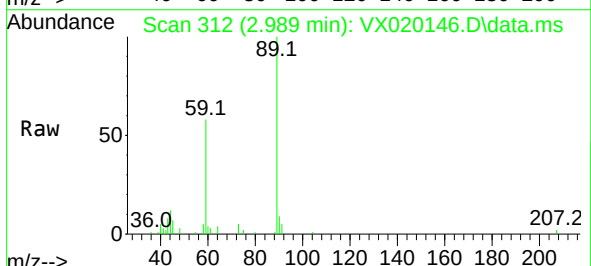


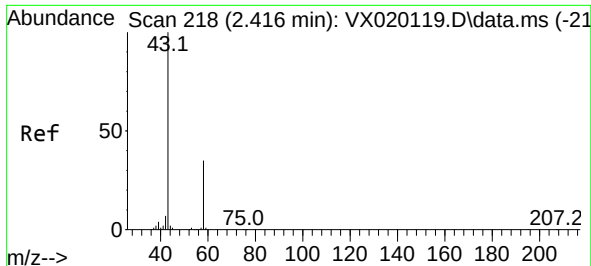
Tgt Ion:142 Resp: 1012
Ion Ratio Lower Upper
142 100
127 45.2 33.3 49.9
141 13.1 11.4 17.0



#11
Tert butyl alcohol
Concen: 7.48 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

Tgt Ion: 59 Resp: 7005
Ion Ratio Lower Upper
59 100
57 0.7 7.8 11.8#

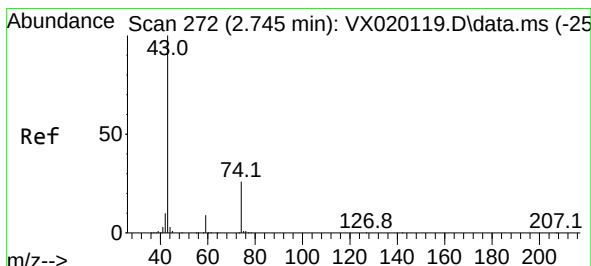
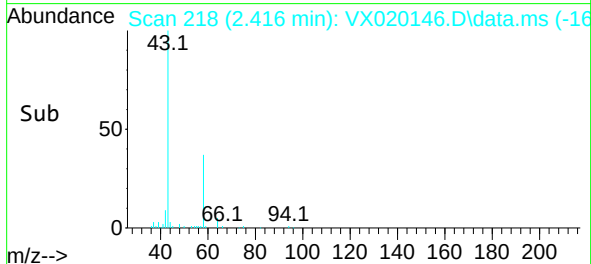
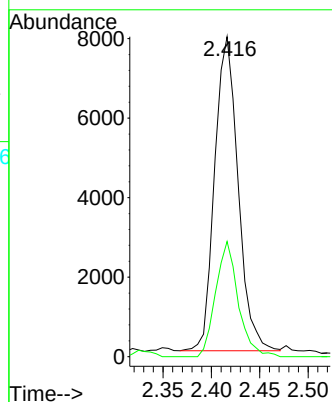
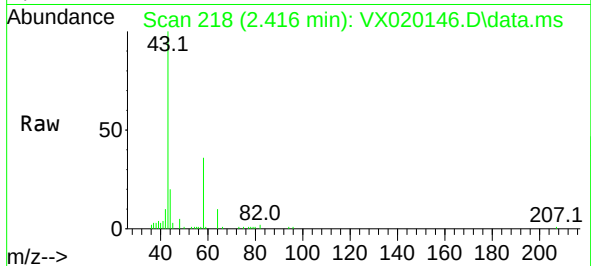




#16
Acetone
Concen: 6.98 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

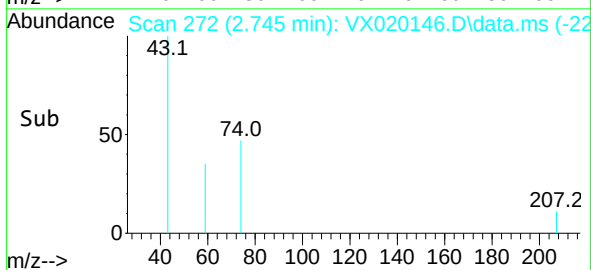
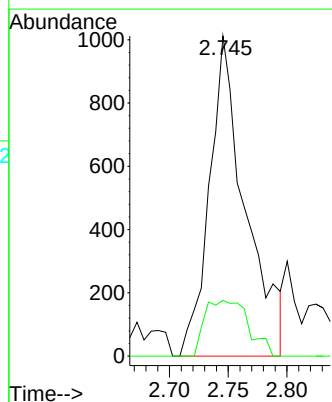
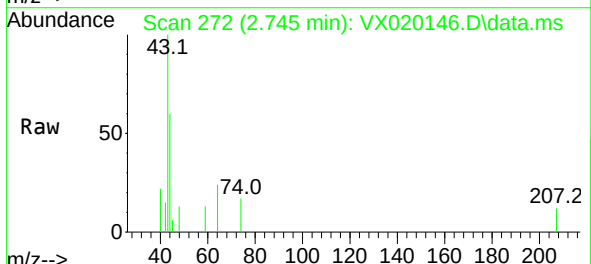
Instrument :
MSVOA_X
ClientSampleId :
PB133677ZHE#08

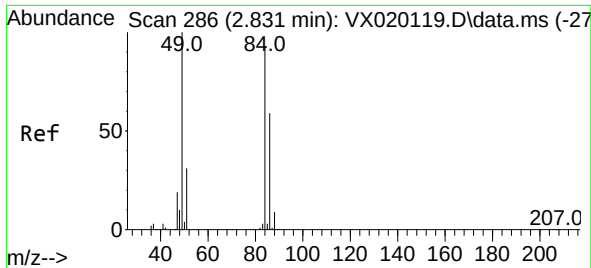
Tgt Ion: 43 Resp: 13299
Ion Ratio Lower Upper
43 100
58 36.7 27.8 41.8



#18
Methyl Acetate
Concen: 0.51 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

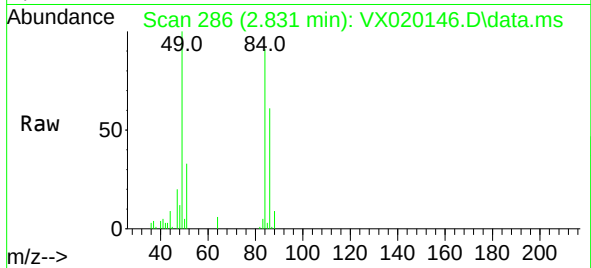
Tgt Ion: 43 Resp: 2156
Ion Ratio Lower Upper
43 100
74 21.2 21.9 32.9#



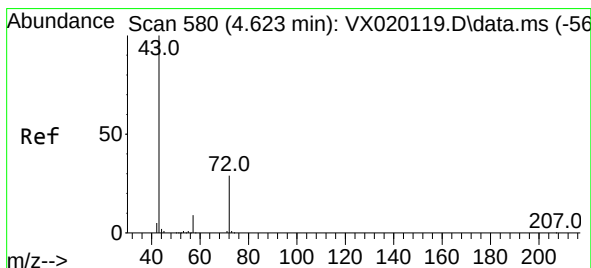
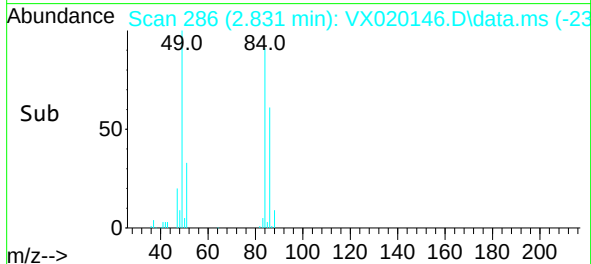
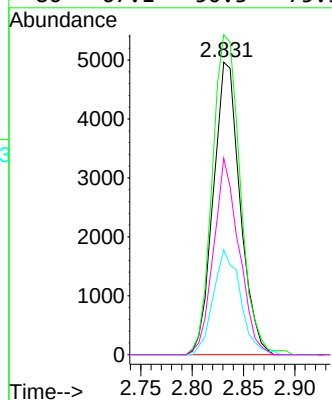


#20
Methylene Chloride
Concen: 2.09 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

Instrument :
MSVOA_X
ClientSampleId :
PB133677ZHE#08

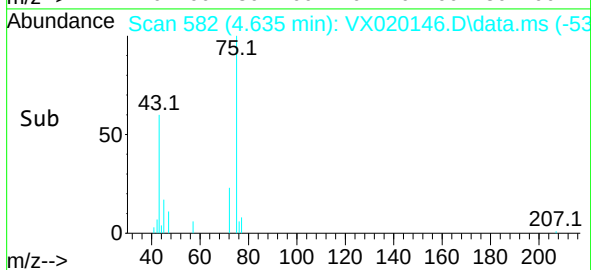
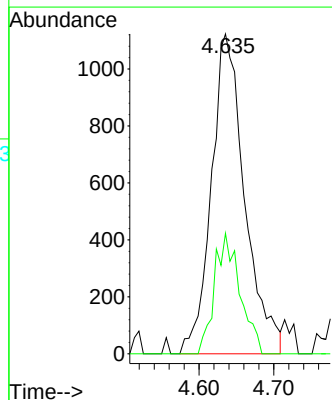
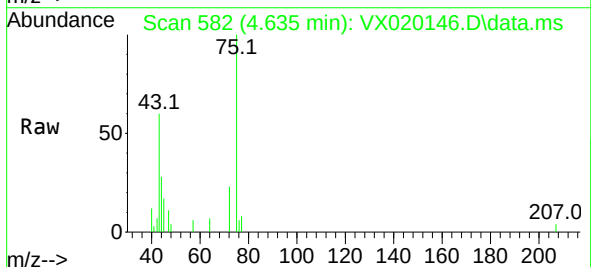


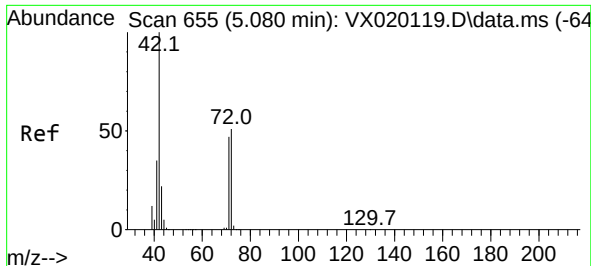
Tgt Ion:	84	Resp:	8963
Ion	Ratio	Lower	Upper
84	100		
49	109.4	88.6	132.8
51	35.9	27.0	40.6
86	67.1	50.3	75.5



#25
2-Butanone
Concen: 1.26 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.012 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

Tgt Ion:	43	Resp:	3487
Ion	Ratio	Lower	Upper
43	100		
72	37.7	23.7	35.5#





#29

Tetrahydrofuran

Concen: 0.37 ug/l

RT: 5.099 min Scan# 658

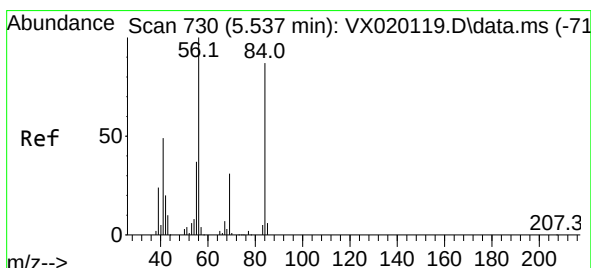
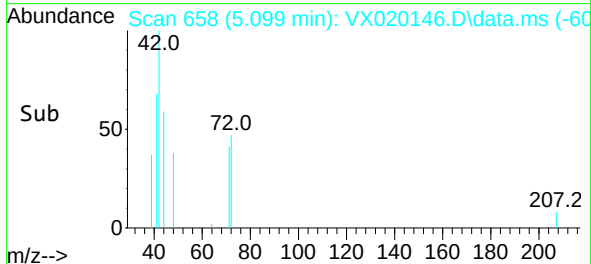
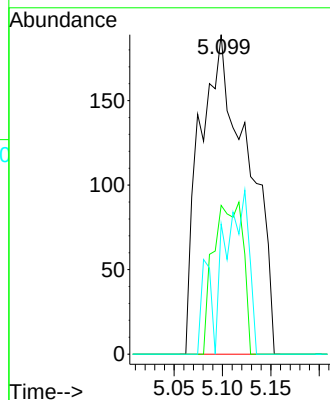
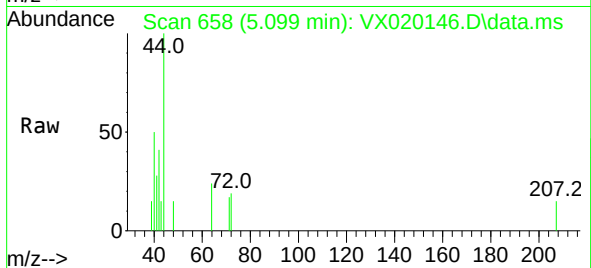
Delta R.T. 0.019 min

Lab File: VX020146.D

Acq: 19 Dec 2020 03:55

Tgt Ion:	42	Resp:	651
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	6.0	38.4	57.6#

Instrument :
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PB133677ZHE#08



#31

Cyclohexane

Concen: 1.05 ug/l

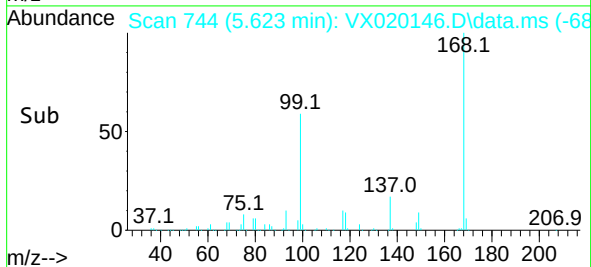
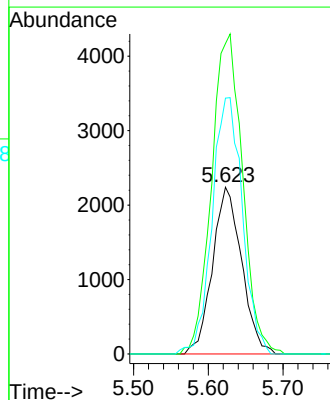
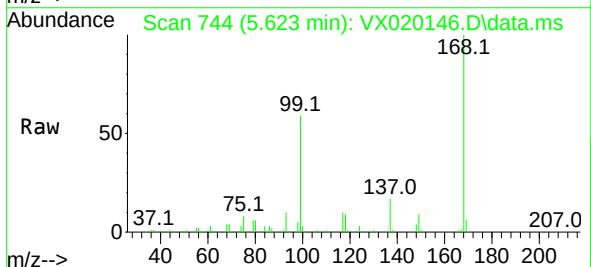
RT: 5.623 min Scan# 744

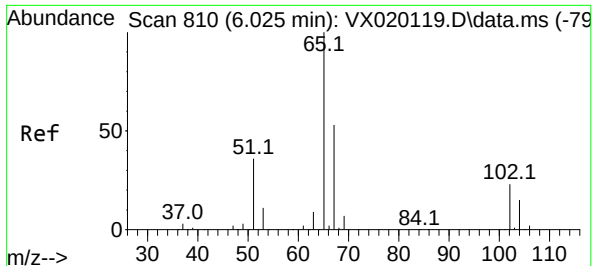
Delta R.T. 0.086 min

Lab File: VX020146.D

Acq: 19 Dec 2020 03:55

Tgt Ion:	56	Resp:	6076
Ion	Ratio	Lower	Upper
56	100		
69	186.2	25.3	37.9#
84	153.4	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.33 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020146.D

Acq: 19 Dec 2020 03:55

Tgt Ion: 65 Resp: 202029

Ion Ratio Lower Upper

65 100

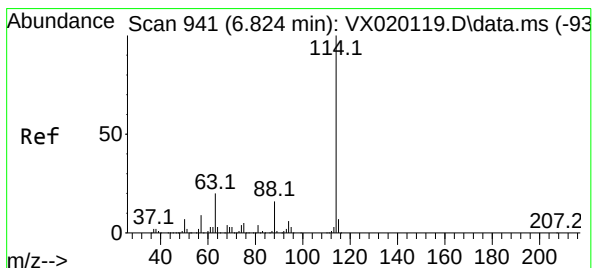
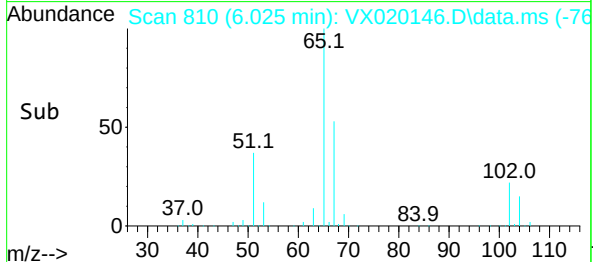
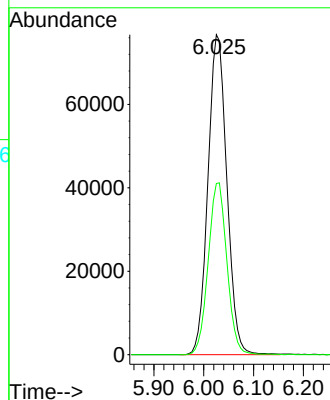
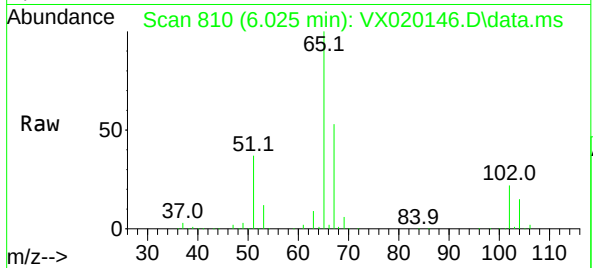
67 53.2 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

PB133677ZHE#08



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.824 min Scan# 941

Delta R.T. -0.000 min

Lab File: VX020146.D

Acq: 19 Dec 2020 03:55

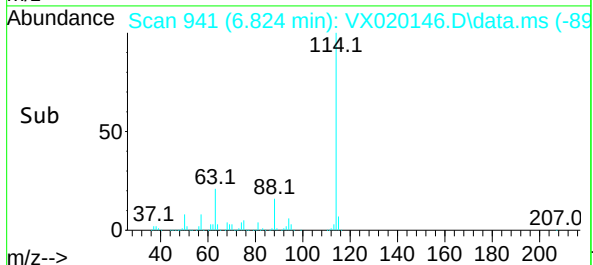
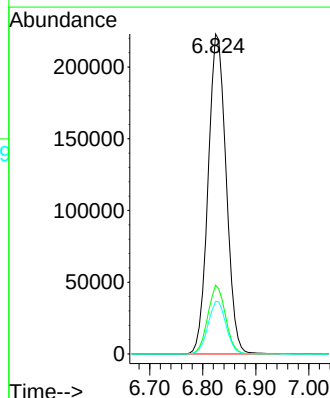
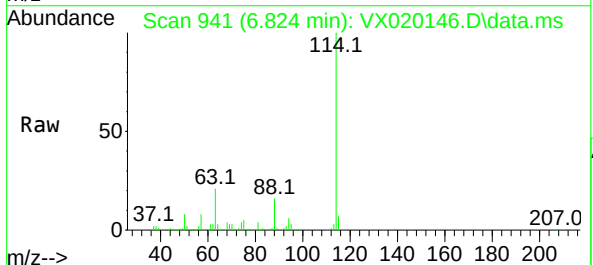
Tgt Ion: 114 Resp: 525968

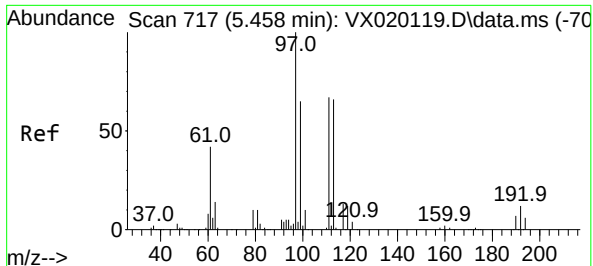
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.8

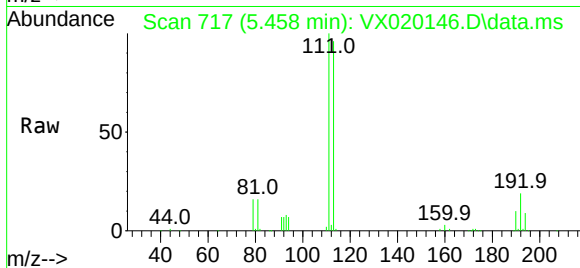
88 16.3 0.0 32.8



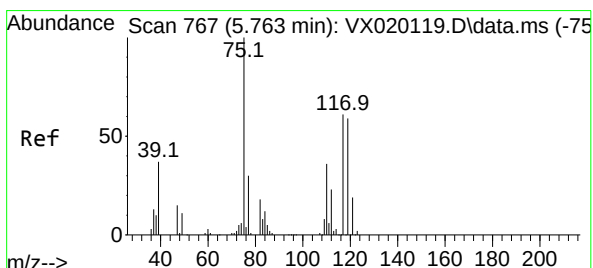
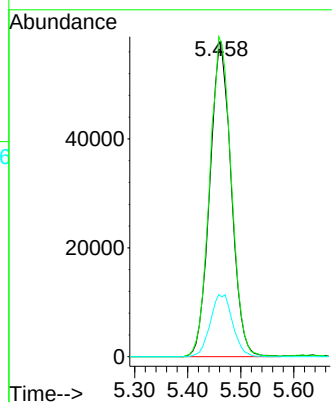
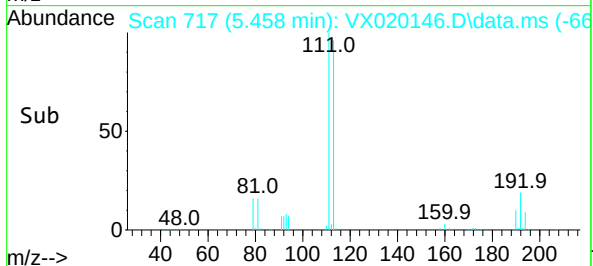


#35
Dibromofluoromethane
Concen: 48.13 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

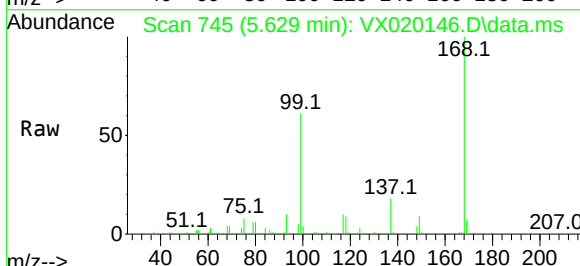
Instrument :
MSVOA_X
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PB133677ZHE#08



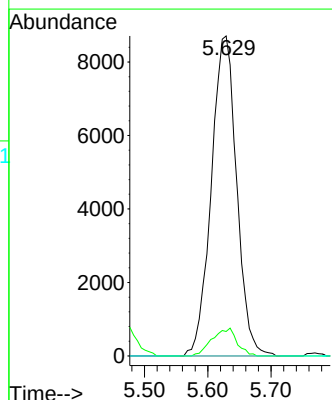
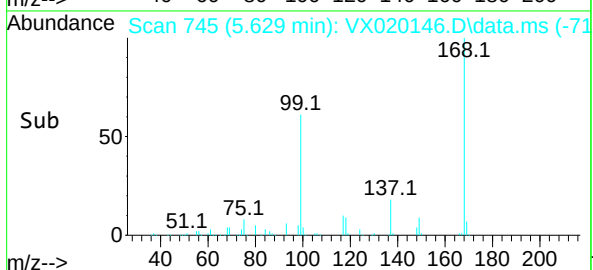
Tgt Ion:113 Resp: 161925
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 20.7 16.7 25.1

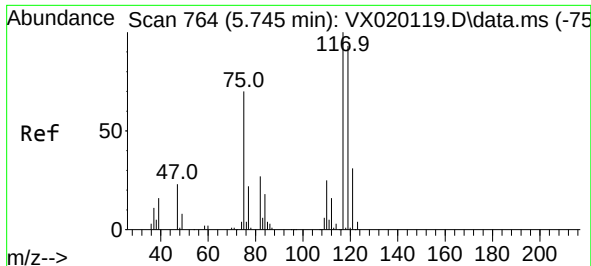


#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55



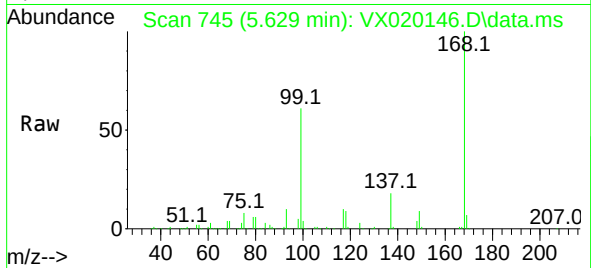
Tgt Ion: 75 Resp: 24250
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#



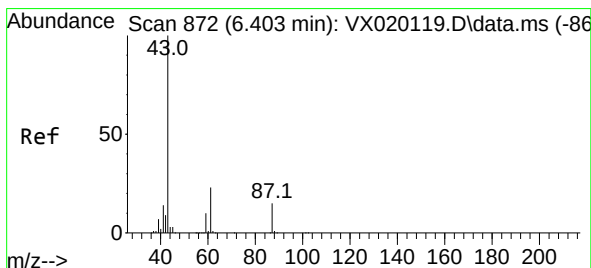
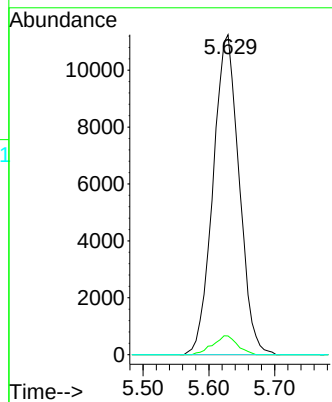
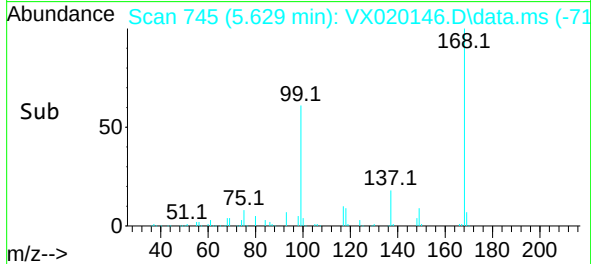


#38
Carbon Tetrachloride
Concen: 6.28 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

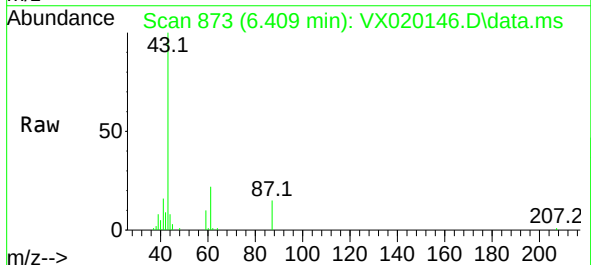
Instrument :
MSVOA_X
ClientSampleId :
PB133677ZHE#08



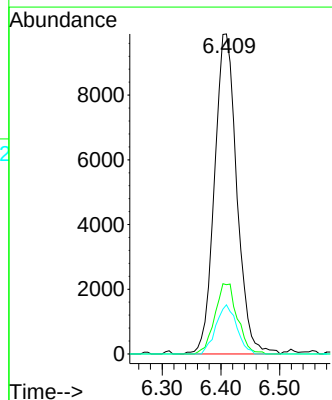
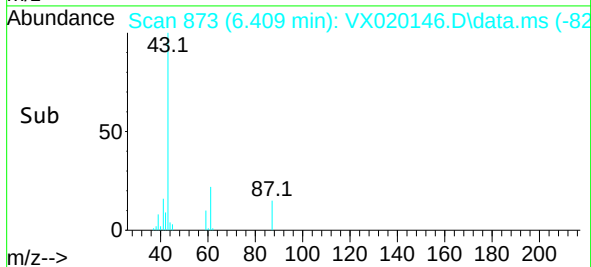
Tgt Ion:117 Resp: 31026
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#

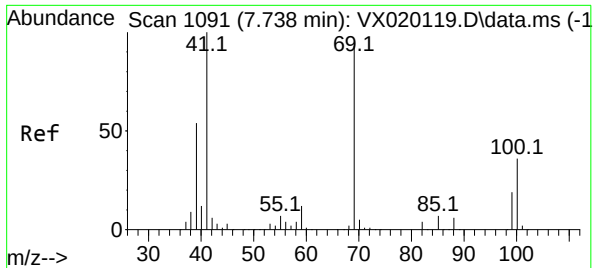


#43
Isopropyl Acetate
Concen: 3.06 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55



Tgt Ion: 43 Resp: 26096
Ion Ratio Lower Upper
43 100
61 22.2 18.2 27.4
87 14.3 12.5 18.7

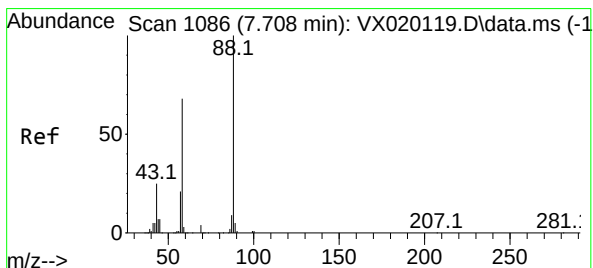
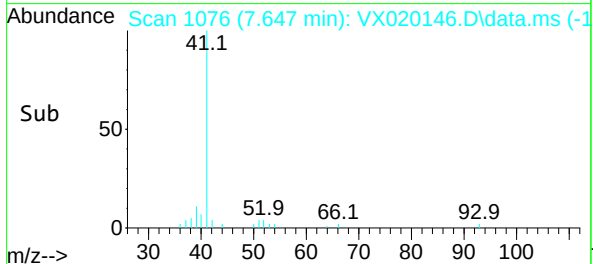
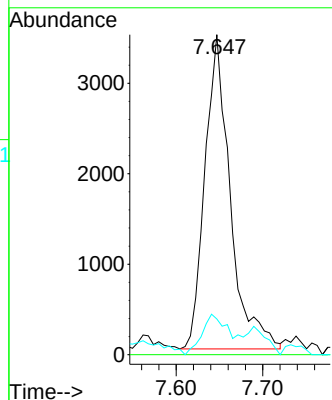
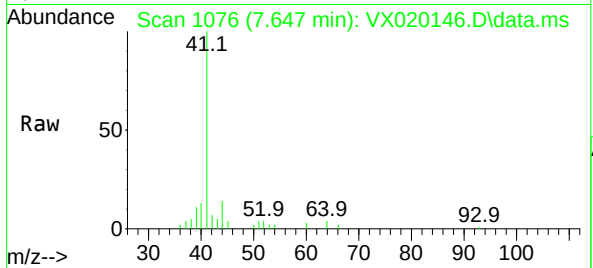




#48
Methyl methacrylate
Concen: 1.69 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.091 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

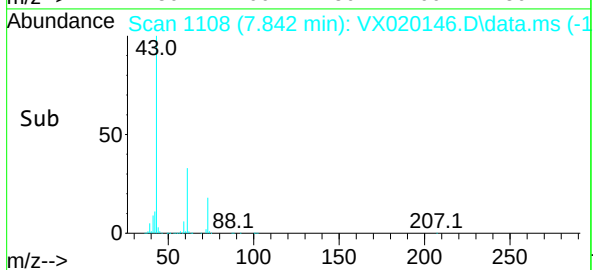
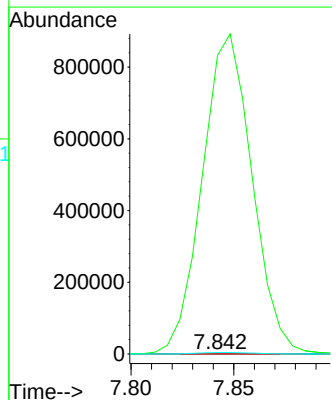
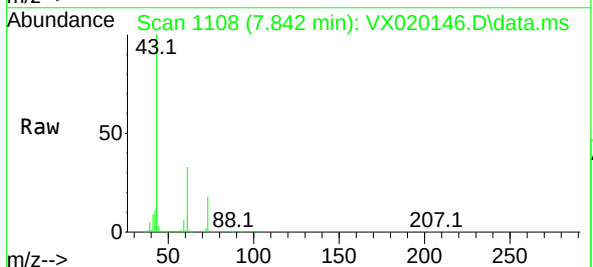
Instrument :
MSVOA_X
ClientSampleId :
PB133677ZHE#08

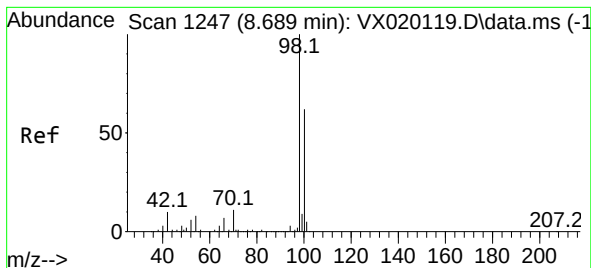
Tgt Ion: 41 Resp: 7065
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 2.49 ug/l
RT: 7.842 min Scan# 1108
Delta R.T. 0.134 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

Tgt Ion: 88 Resp: 244
Ion Ratio Lower Upper
88 100
43 620263.9 23.2 34.8#
58 3087.3 55.0 82.4#





#50

Toluene-d8

Concen: 49.91 ug/l

RT: 8.696 min Scan# 1248

Delta R.T. 0.007 min

Lab File: VX020146.D

Acq: 19 Dec 2020 03:55

Instrument :

MSVOA_X

ClientSampleId :

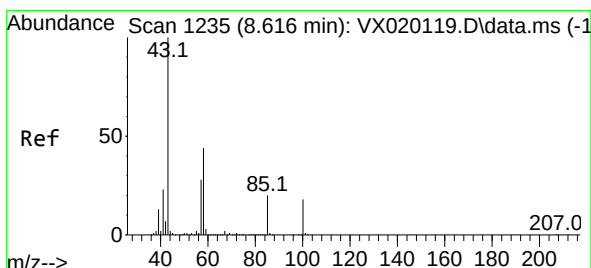
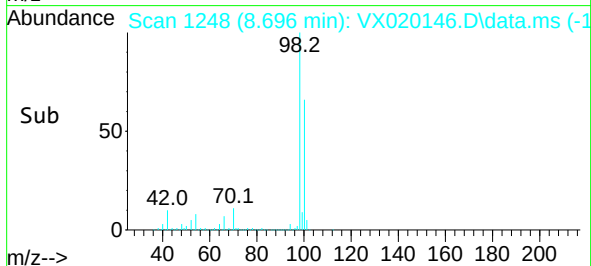
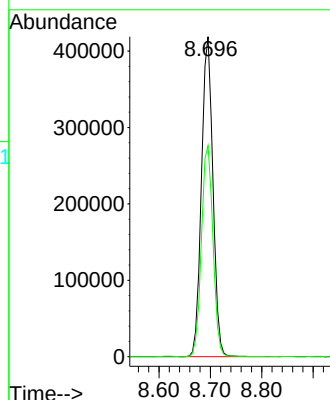
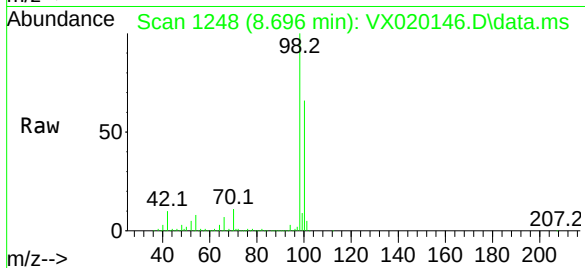
PB133677ZHE#08

Tgt Ion: 98 Resp: 646397

Ion Ratio Lower Upper

98 100

100 66.6 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 17.60 ug/l

RT: 8.592 min Scan# 1231

Delta R.T. -0.024 min

Lab File: VX020146.D

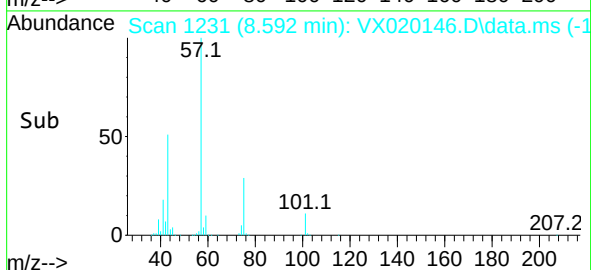
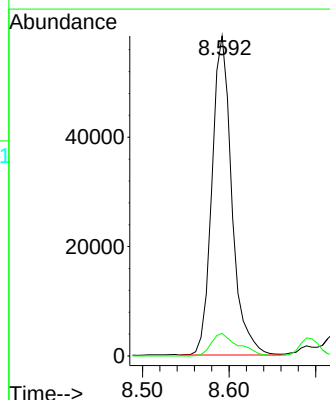
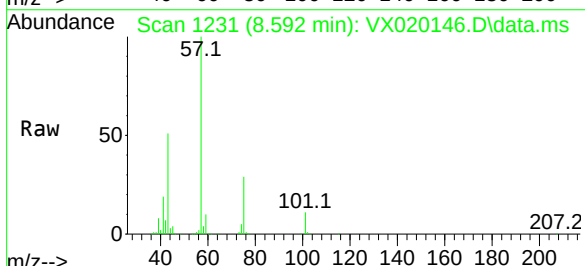
Acq: 19 Dec 2020 03:55

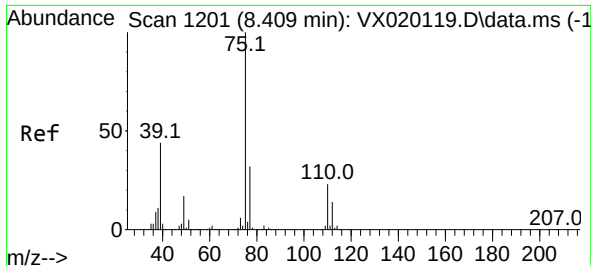
Tgt Ion: 43 Resp: 92907

Ion Ratio Lower Upper

43 100

58 9.6 35.4 53.0#

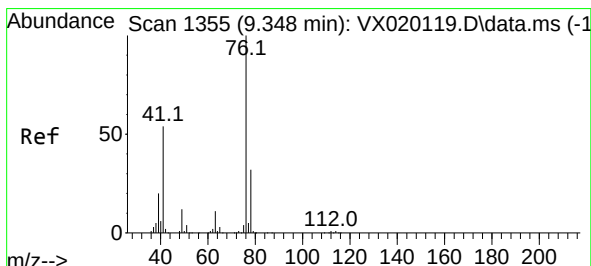
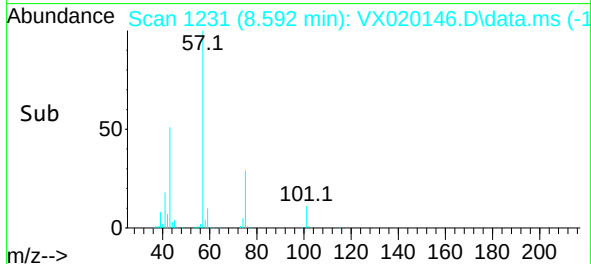
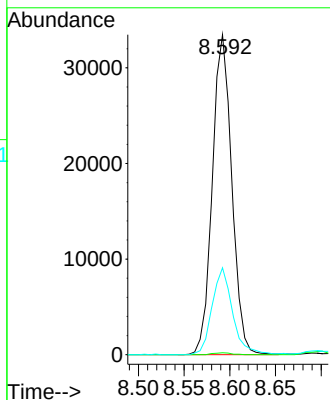
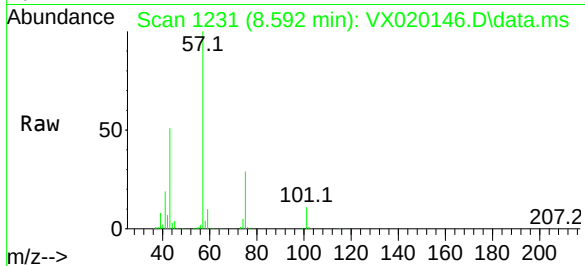




#54
cis-1,3-Dichloropropene
Concen: 7.69 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.183 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

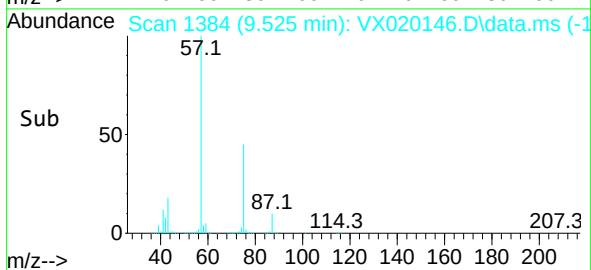
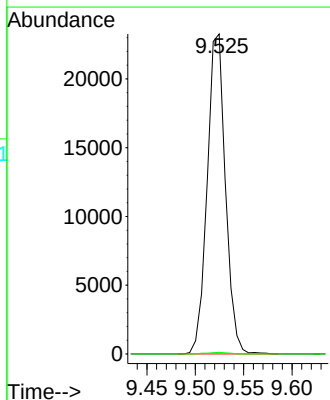
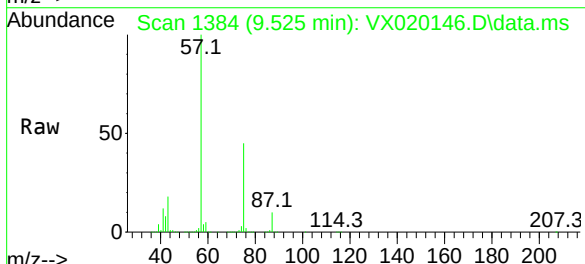
Instrument :
MSVOA_X
ClientSampleId :
PB133677ZHE#08

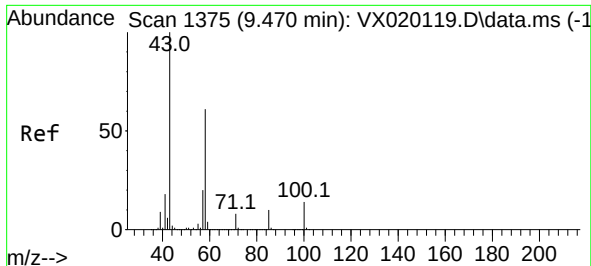
Tgt Ion: 75 Resp: 49500
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 27.1 35.1 52.7#



#57
1,3-Dichloropropane
Concen: 4.42 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.177 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

Tgt Ion: 76 Resp: 30636
Ion Ratio Lower Upper
76 100
78 0.6 26.2 39.2#

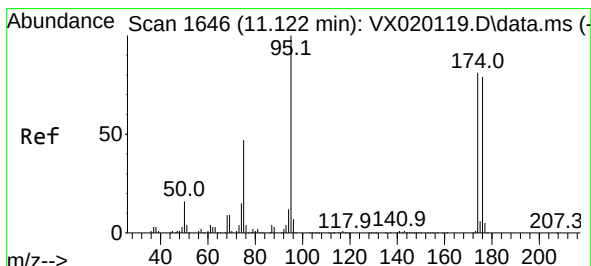
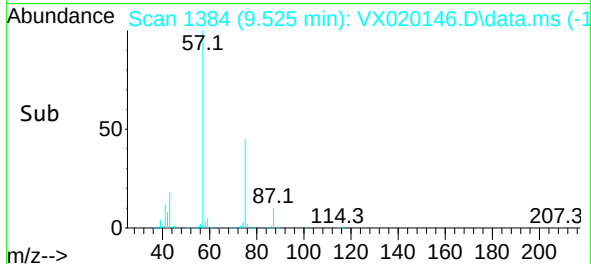
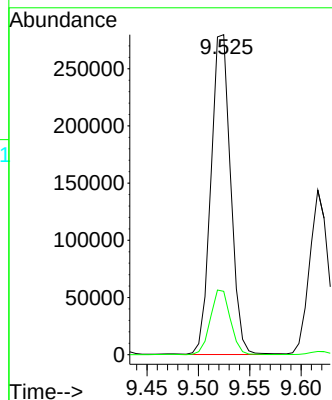
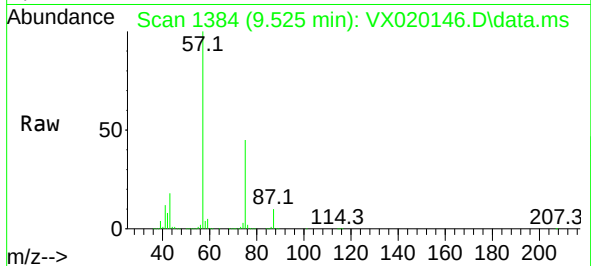




#59
2-Hexanone
Concen: 92.86 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.055 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

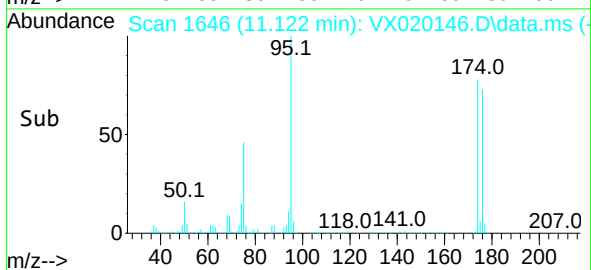
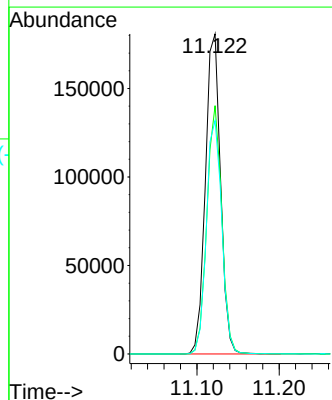
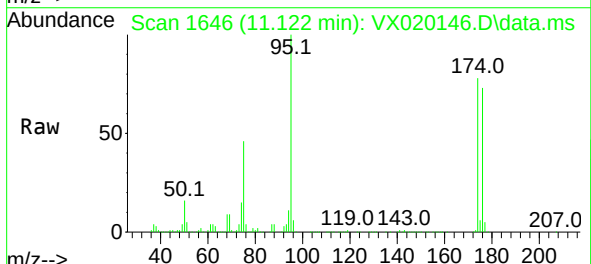
Instrument :
MSVOA_X
ClientSampleId :
PB133677ZHE#08

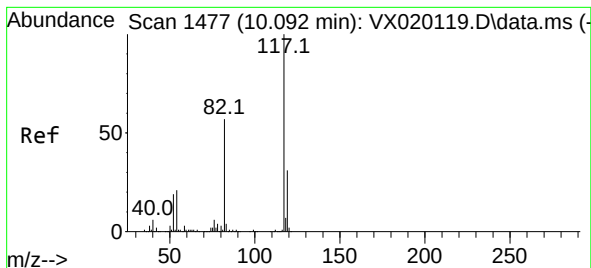
Tgt Ion: 43 Resp: 373612
Ion Ratio Lower Upper
43 100
58 20.5 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.67 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

Tgt Ion: 95 Resp: 231348
Ion Ratio Lower Upper
95 100
174 76.4 0.0 154.6
176 74.2 0.0 155.8

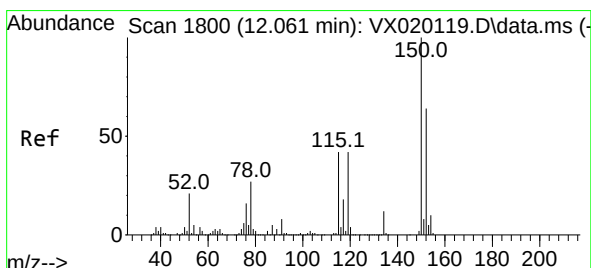
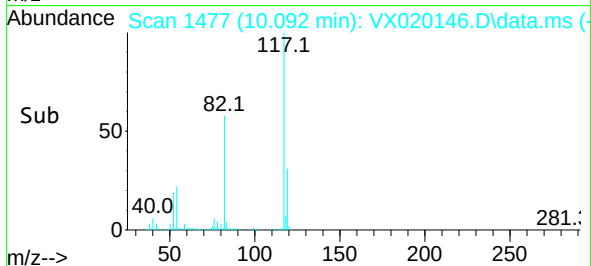
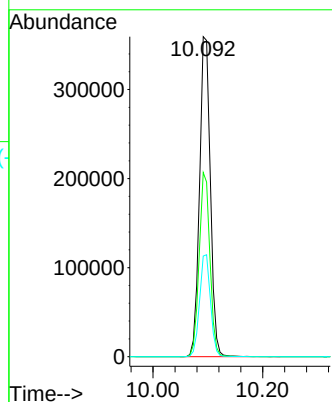
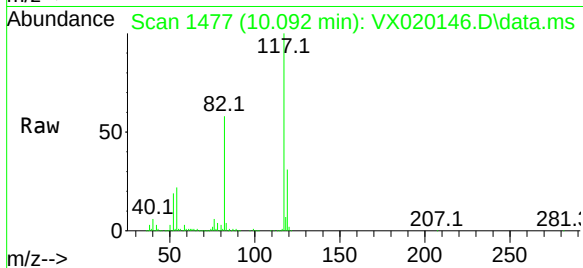




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

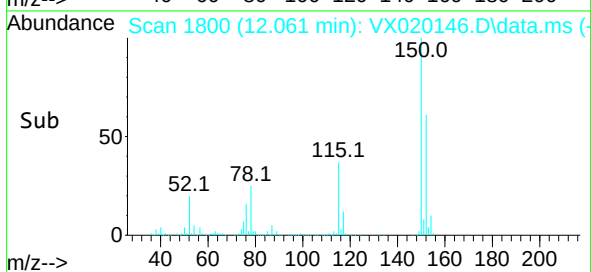
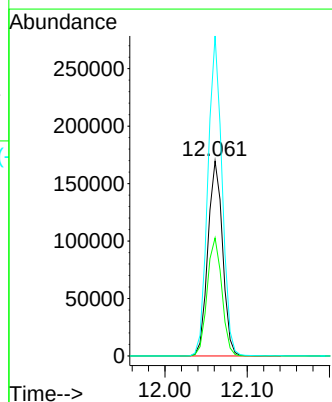
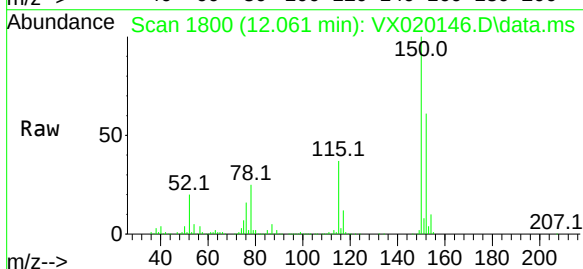
Instrument :
MSVOA_X
ClientSampleId :
PB133677ZHE#08

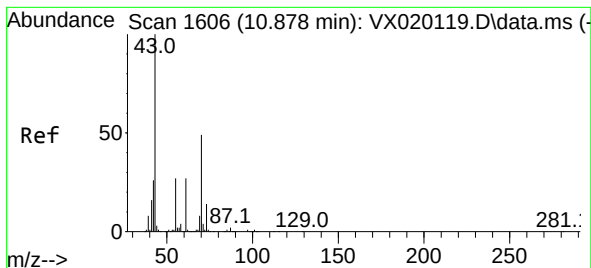
Tgt Ion:117 Resp: 494693
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

Tgt Ion:152 Resp: 210374
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 159.0 0.0 349.0

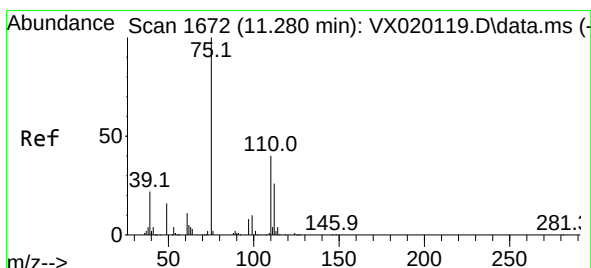
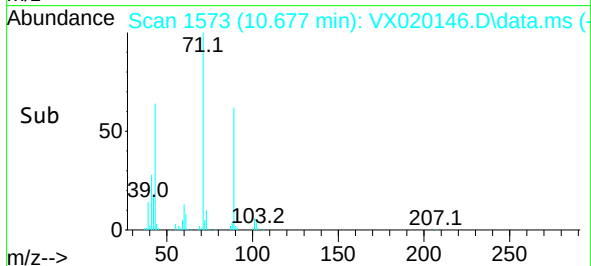
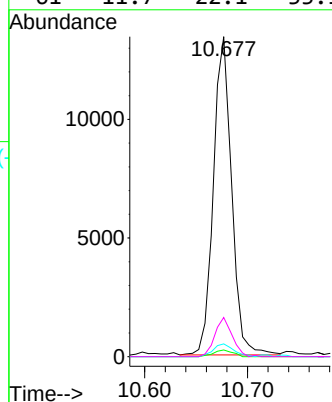
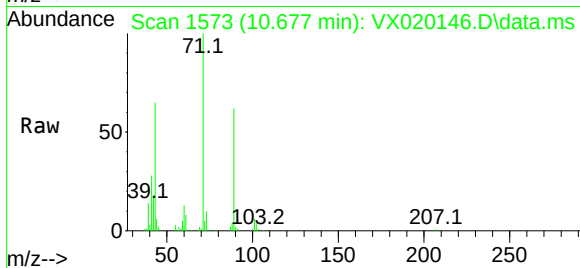




#74
N-amy1 acetate
Concen: 2.69 ug/l
RT: 10.677 min Scan# 1573
Delta R.T. -0.201 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

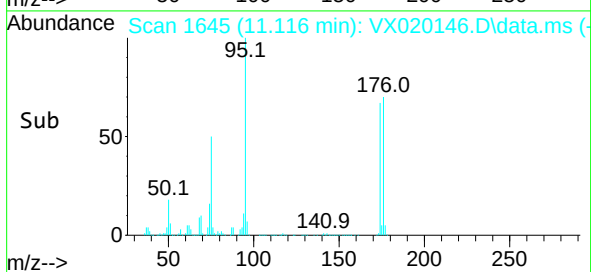
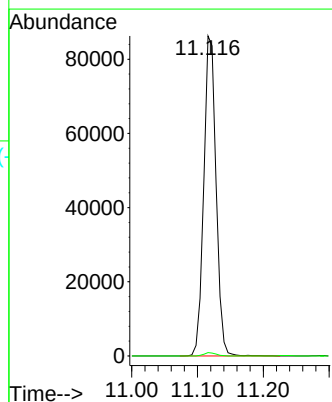
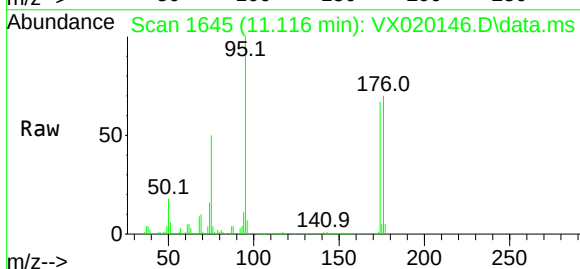
Instrument :
MSVOA_X
ClientSampleId :
PB133677ZHE#08

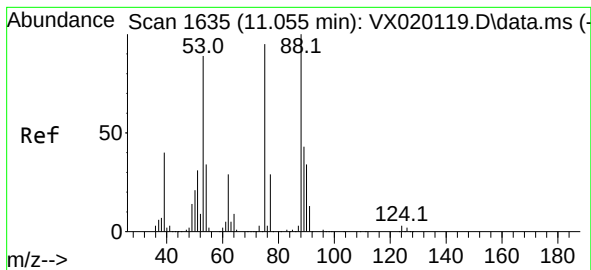
Tgt Ion: 43	Resp: 16493
Ion Ratio	Lower Upper
43 100	
70 2.2	39.0 58.6#
55 4.5	21.5 32.3#
61 11.7	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 21.61 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

Tgt Ion: 75	Resp: 112006
Ion Ratio	Lower Upper
75 100	
77 1.0	19.1 57.5#

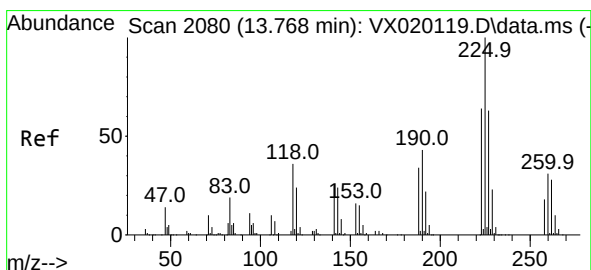
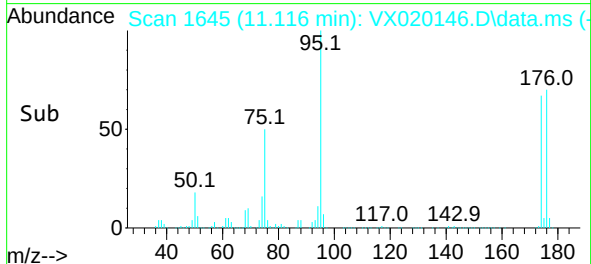
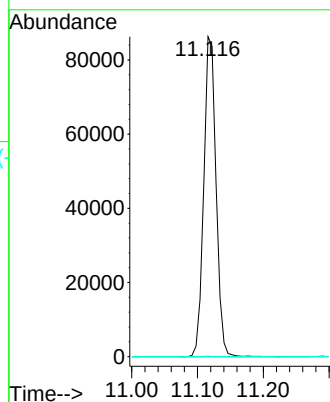
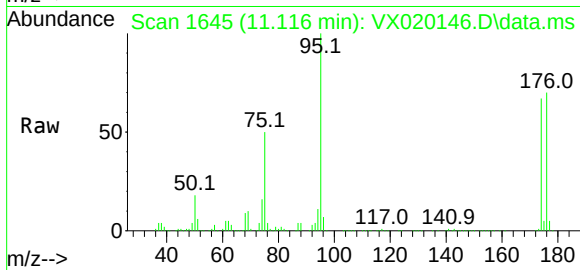




#81
trans-1,4-Dichloro-2-butene
Concen: 64.12 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

Instrument :
MSVOA_X
ClientSampleId :
PB133677ZHE#08

Tgt Ion: 75 Resp: 112006
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.67 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.006 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

Tgt Ion: 225 Resp: 56
Ion Ratio Lower Upper
225 100
223 37.5 31.1 93.2
227 0.0 31.6 95.0#

