

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071921\
 Data File : VX023342.D
 Acq On : 19 Jul 2021 15:18
 Operator : JC/MD
 Sample : PB137749ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB137749ZHE#06

Quant Time: Jul 20 05:25:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

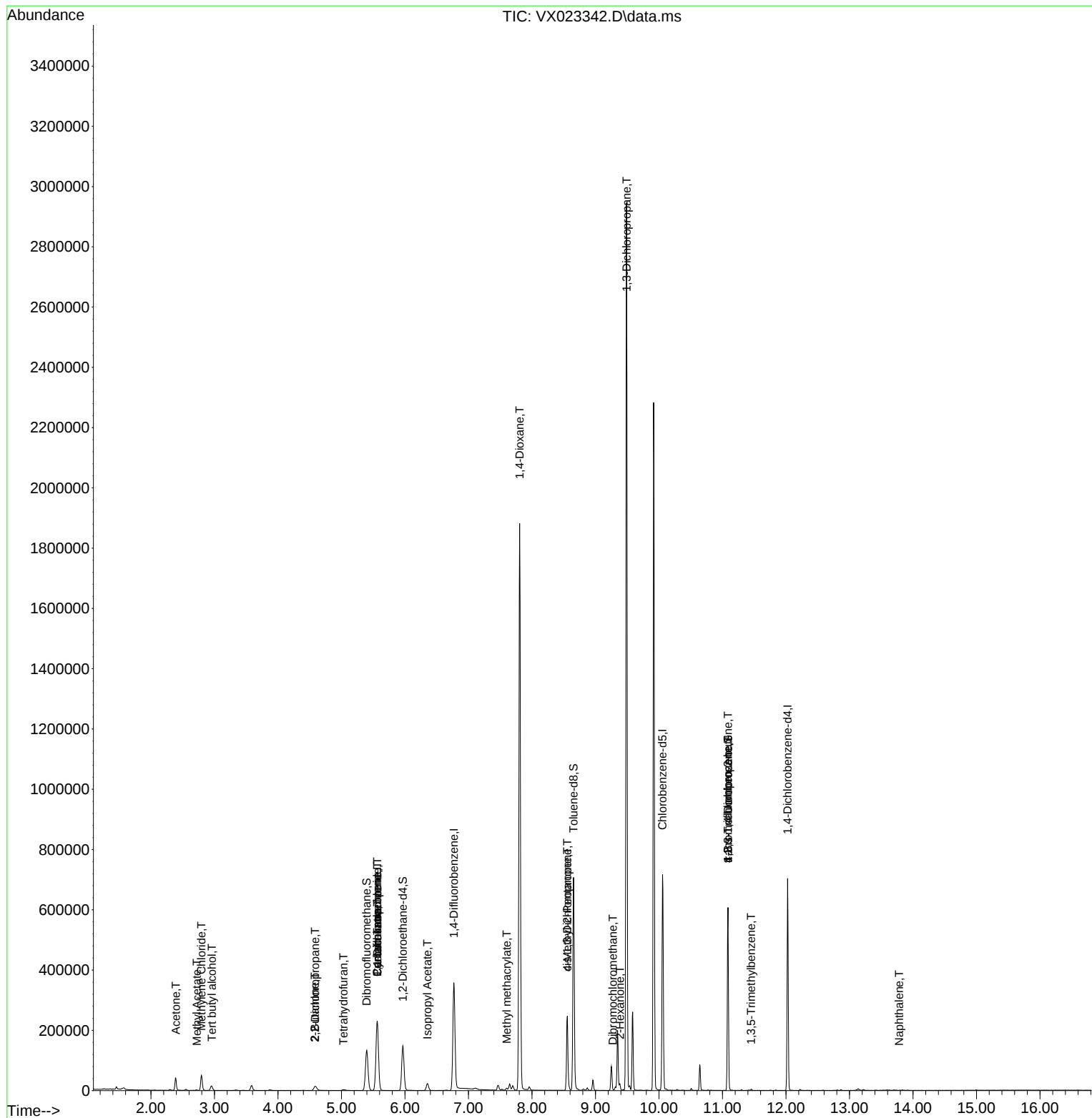
Internal Standards						
1) Pentafluorobenzene	5.562	168	213771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	349476	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	151414	52.701	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.400%			
35) Dibromofluoromethane	5.398	113	114635	50.796	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.600%			
50) Toluene-d8	8.653	98	426425	50.655	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.300%			
62) 4-Bromofluorobenzene	11.086	95	156604	48.187	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.380%			
Target Compounds					Qvalue	
5) Bromomethane	1.575	94	110	Below Cal	#	2
11) Tert butyl alcohol	2.959	59	9501	15.719	ug/l #	82
16) Acetone	2.392	43	42637	37.510	ug/l #	87
18) Methyl Acetate	2.721	43	2230	0.808	ug/l	99
20) Methylene Chloride	2.794	84	22650	9.255	ug/l	94
25) 2-Butanone	4.581	43	8208	4.789	ug/l	93
26) 2,2-Dichloropropane	4.587	77	917	0.277	ug/l #	52
29) Tetrahydrofuran	5.032	42	2460	2.233	ug/l	95
31) Cyclohexane	5.562	56	4450	1.294	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	17041	5.470	ug/l #	45
38) Carbon Tetrachloride	5.562	117	22913	7.046	ug/l #	16
43) Isopropyl Acetate	6.355	43	32150	5.687	ug/l	92
48) Methyl methacrylate	7.604	41	9421	3.396	ug/l #	10
49) 1,4-Dioxane	7.806	88	327	5.238	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	79975	22.830	ug/l #	48
54) cis-1,3-Dichloropropene	8.555	75	44700	12.724	ug/l #	57
57) 1,3-Dichloropropane	9.488	76	27453	6.757	ug/l #	42
59) 2-Hexanone	9.385	43	9608	3.575	ug/l #	19
60) Dibromochloromethane	9.275	129	78	3.139	ug/l #	11
76) 1,2,3-Trichloropropane	11.086	75	81694	29.715	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.451	105	1910	0.230	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.086	75	81694	79.830	ug/l #	12
95) Naphthalene	13.780	128	337	1.308	ug/l #	69

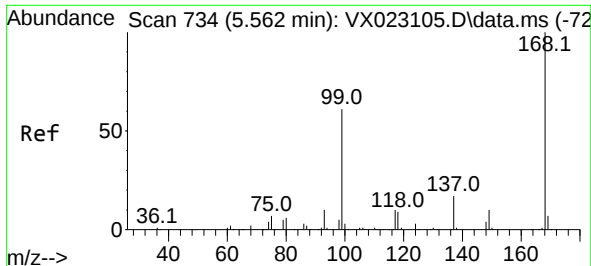
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
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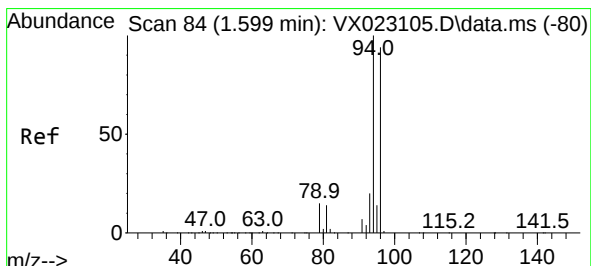
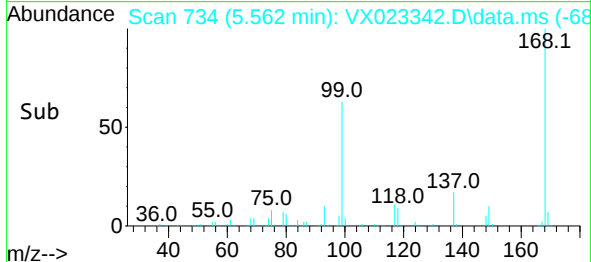
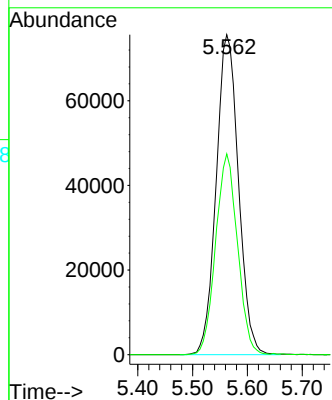
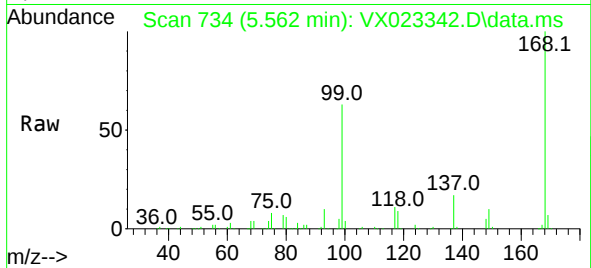




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

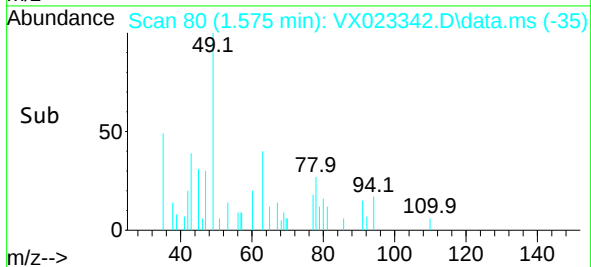
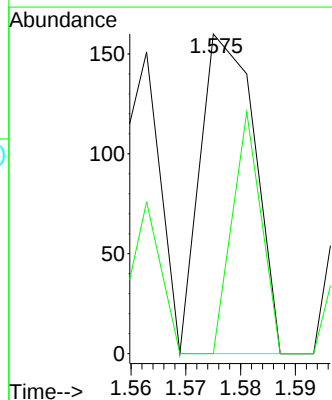
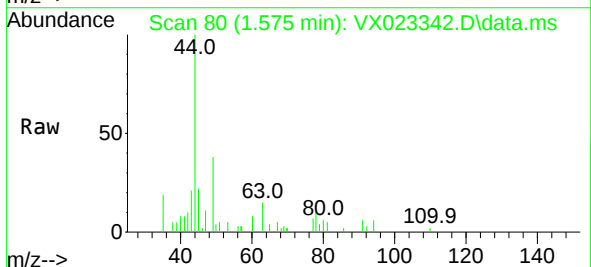
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#06

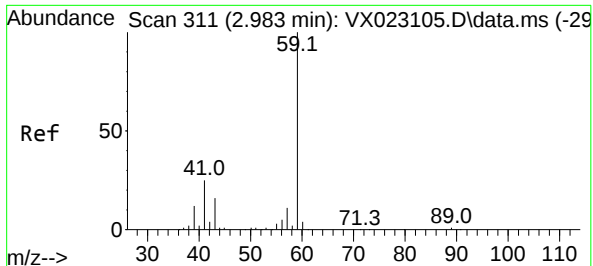
Tgt Ion:168 Resp: 213771
Ion Ratio Lower Upper
168 100
99 62.8 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.575 min Scan# 80
Delta R.T. -0.024 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

Tgt Ion: 94 Resp: 110
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



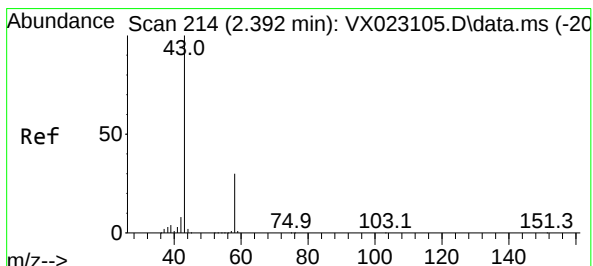
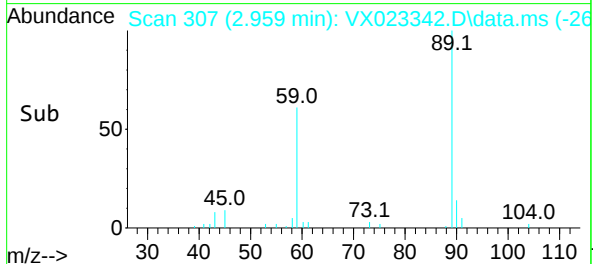
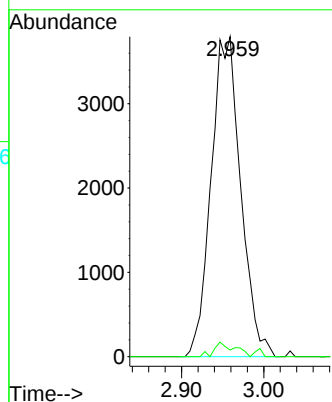
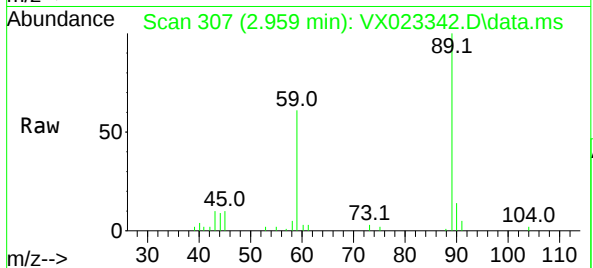


#11

Tert butyl alcohol
Concen: 15.719 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#06

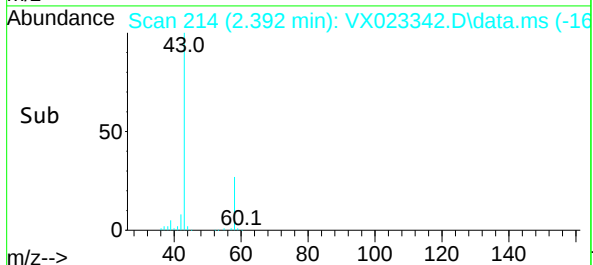
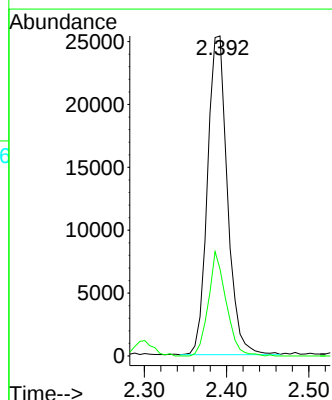
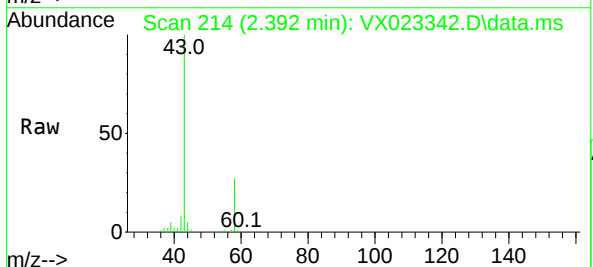
Tgt Ion: 59 Resp: 9501
Ion Ratio Lower Upper
59 100
57 3.1 7.8 11.8#

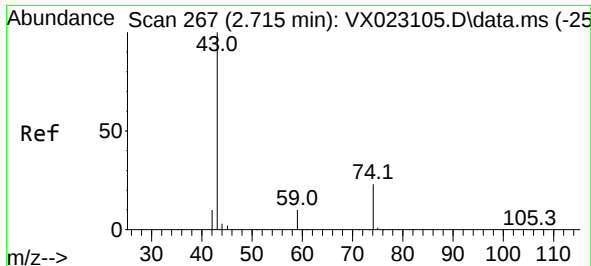


#16

Acetone
Concen: 37.510 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

Tgt Ion: 43 Resp: 42637
Ion Ratio Lower Upper
43 100
58 27.2 27.8 41.8#

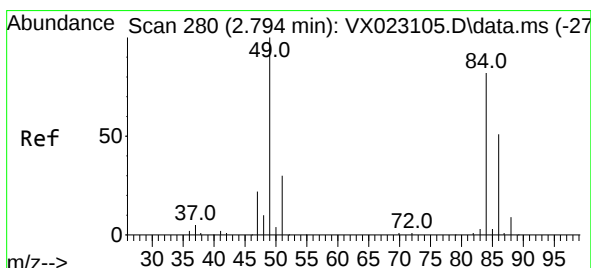
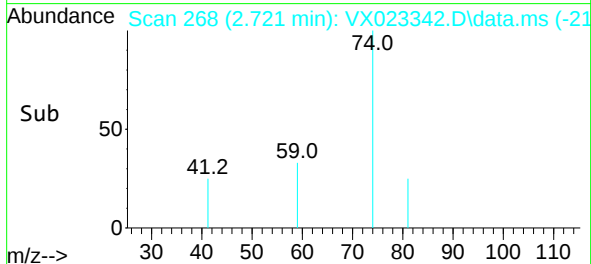
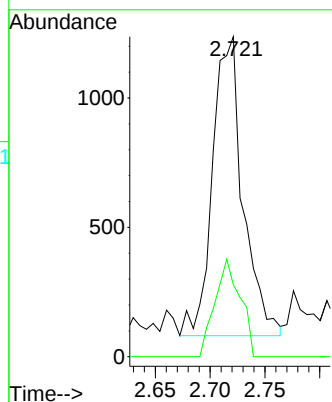
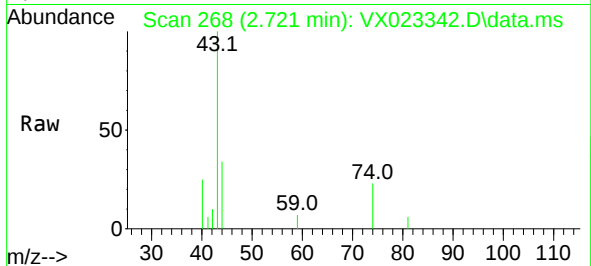




#18
Methyl Acetate
Concen: 0.808 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

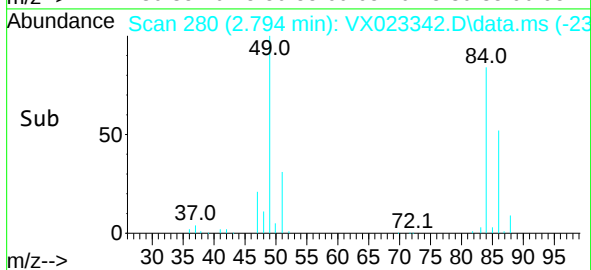
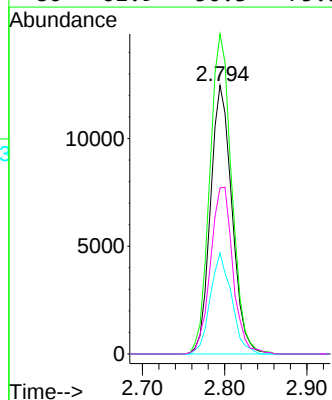
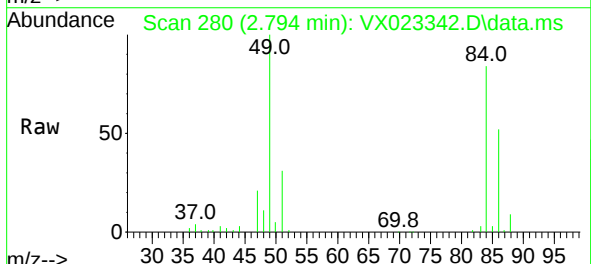
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#06

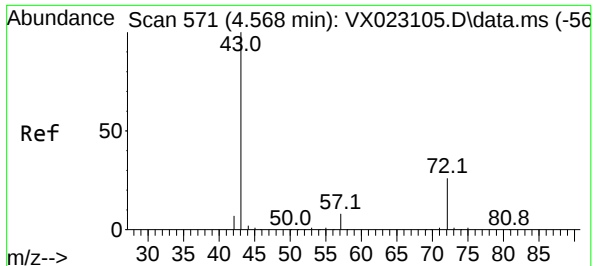
Tgt Ion: 43 Resp: 2230
Ion Ratio Lower Upper
43 100
74 27.1 21.9 32.9



#20
Methylene Chloride
Concen: 9.255 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

Tgt Ion: 84 Resp: 22650
Ion Ratio Lower Upper
84 100
49 119.2 88.6 132.8
51 37.5 27.0 40.6
86 61.9 50.3 75.5

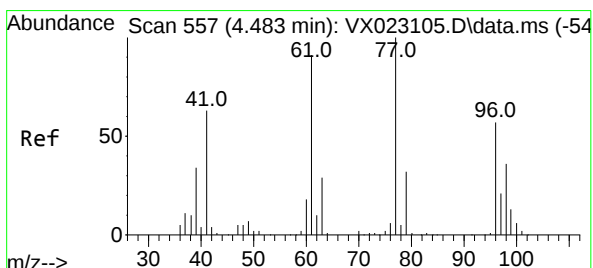
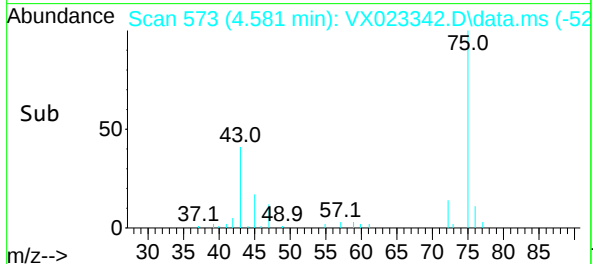
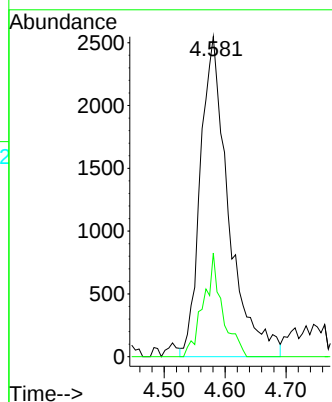
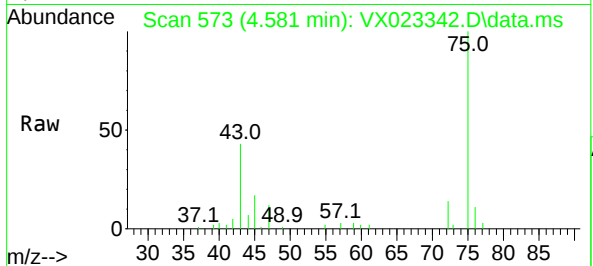




#25
2-Butanone
Concen: 4.789 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

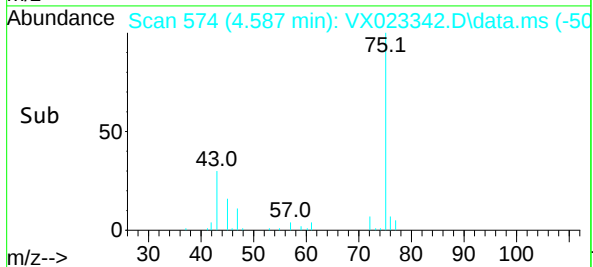
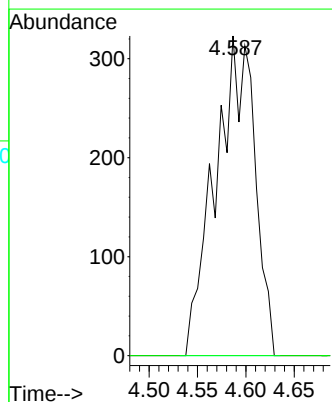
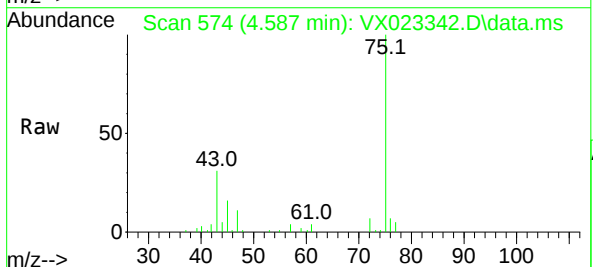
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#06

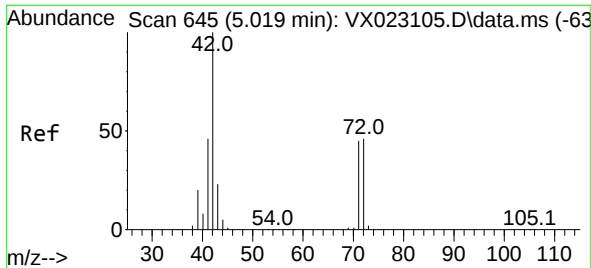
Tgt Ion: 43 Resp: 8208
Ion Ratio Lower Upper
43 100
72 33.3 23.7 35.5



#26
2,2-Dichloropropane
Concen: 0.277 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.104 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

Tgt Ion: 77 Resp: 917
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#





#29

Tetrahydrofuran

Concen: 2.233 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.013 min

Lab File: VX023342.D

Acq: 19 Jul 2021 15:18

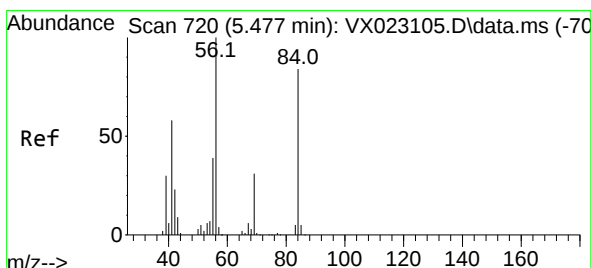
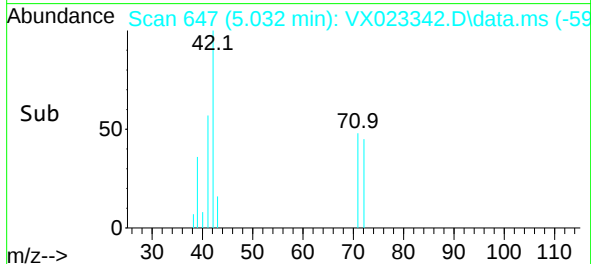
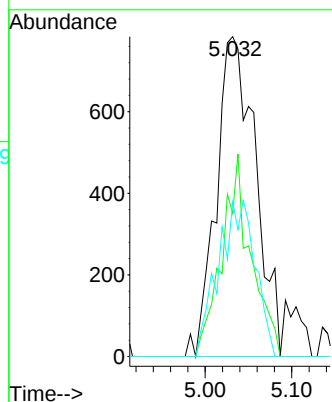
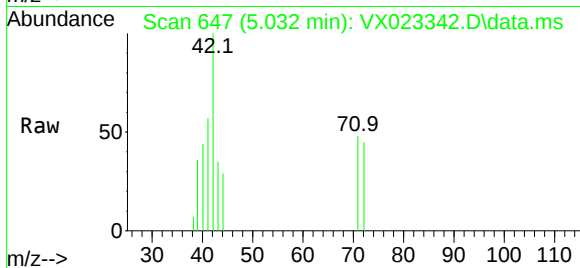
Instrument :

MSVOA_X

ClientSampleId :

PB137749ZHE#06

Tgt Ion:	42	Resp:	2460
Ion	Ratio	Lower	Upper
42	100		
72	46.9	41.7	62.5
71	46.0	38.4	57.6



#31

Cyclohexane

Concen: 1.294 ug/l

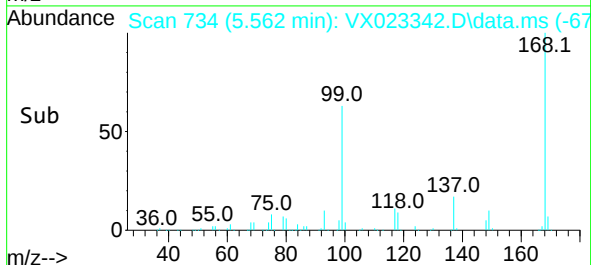
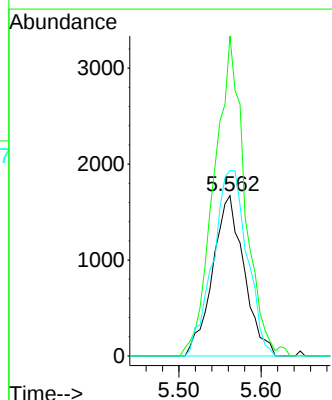
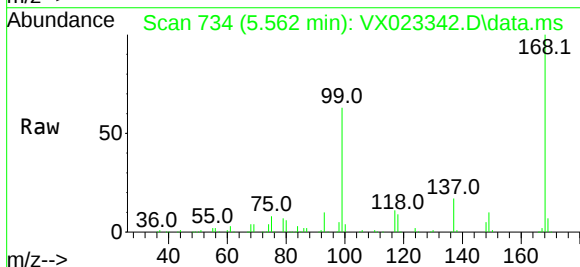
RT: 5.562 min Scan# 734

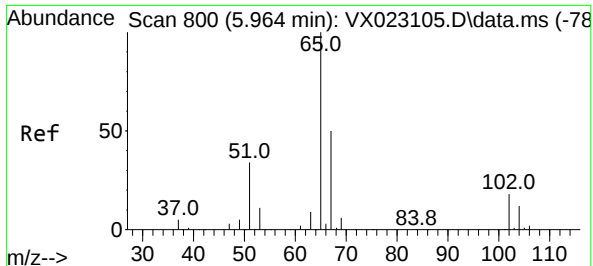
Delta R.T. 0.085 min

Lab File: VX023342.D

Acq: 19 Jul 2021 15:18

Tgt Ion:	56	Resp:	4450
Ion	Ratio	Lower	Upper
56	100		
69	199.6	25.3	37.9#
84	115.7	71.4	107.0#



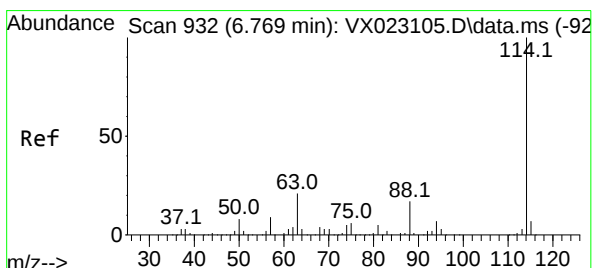
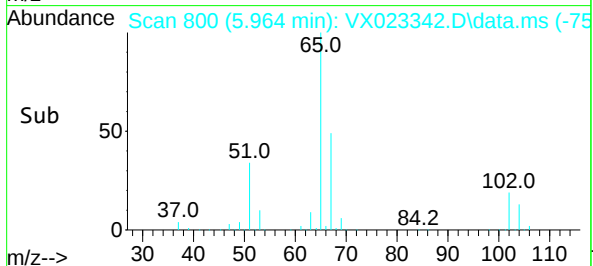
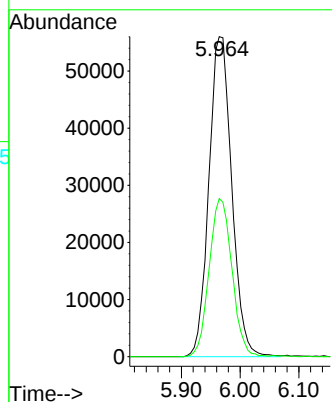
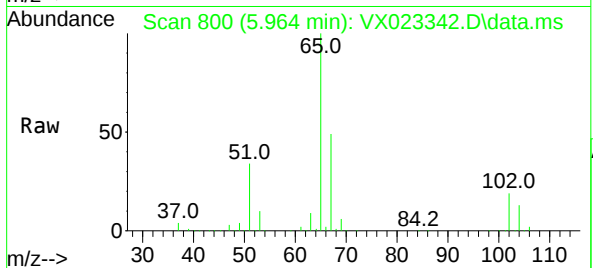


#33

1,2-Dichloroethane-d4
Concen: 52.701 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

Instrument :
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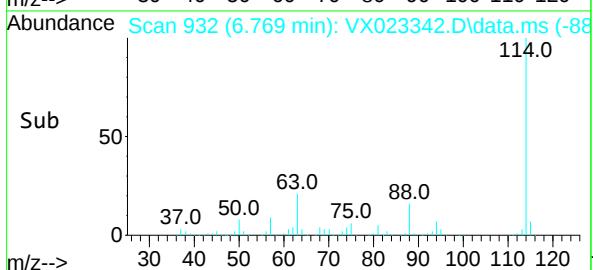
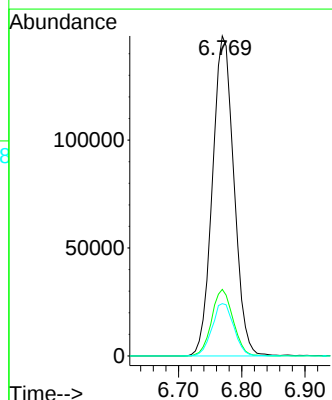
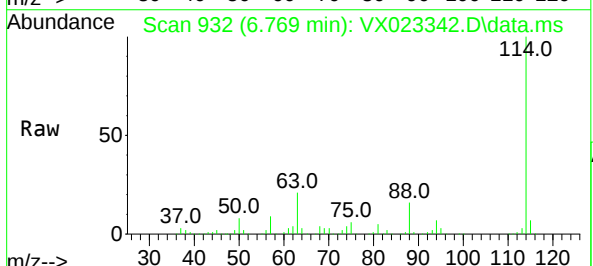
Tgt Ion: 65 Resp: 151414
Ion Ratio Lower Upper
65 100
67 49.2 0.0 105.4

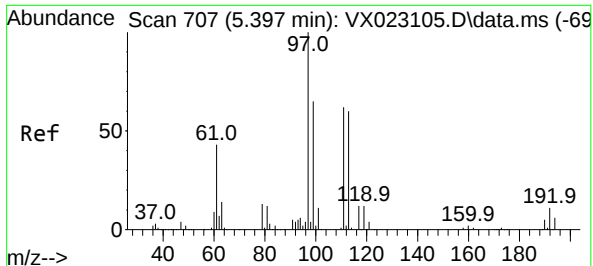


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

Tgt Ion: 114 Resp: 349476
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.4 0.0 32.8

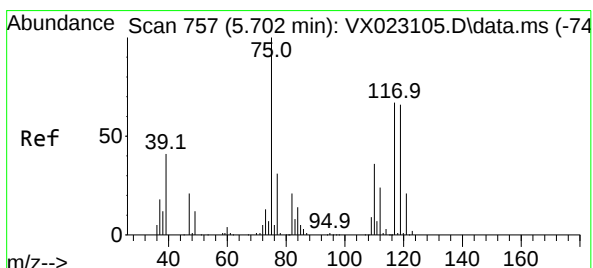
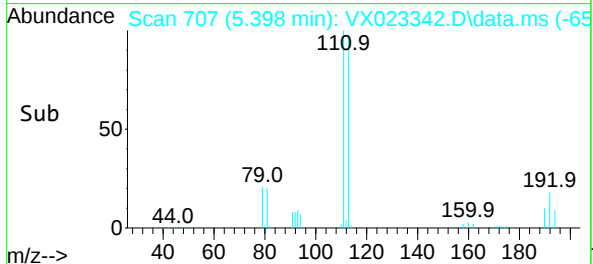
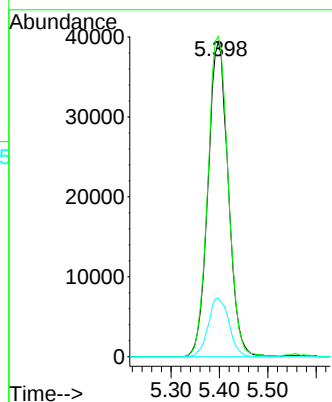
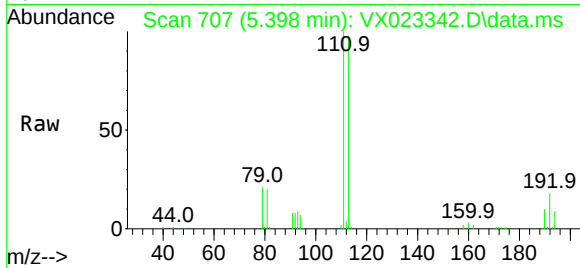




#35
Dibromofluoromethane
Concen: 50.796 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

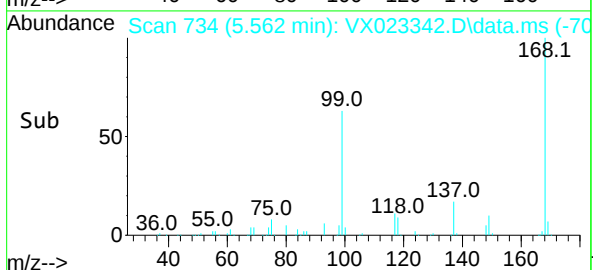
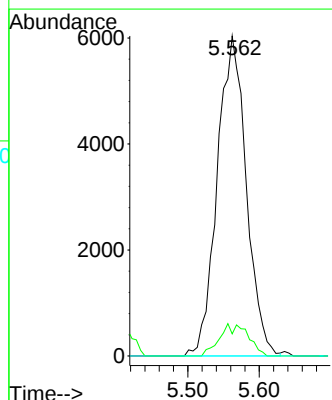
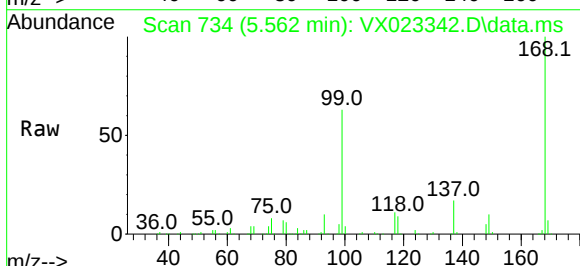
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#06

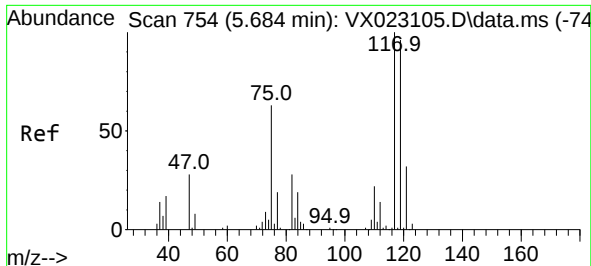
Tgt Ion:113 Resp: 114635
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.470 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

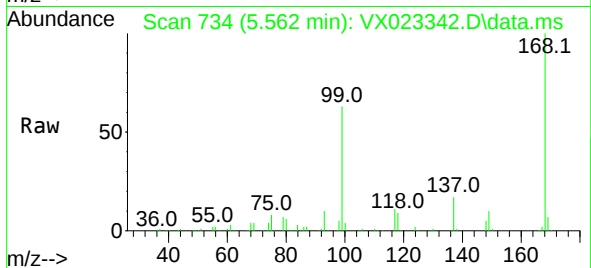
Tgt Ion: 75 Resp: 17041
Ion Ratio Lower Upper
75 100
110 4.8 18.1 54.4#
77 0.0 25.3 37.9#



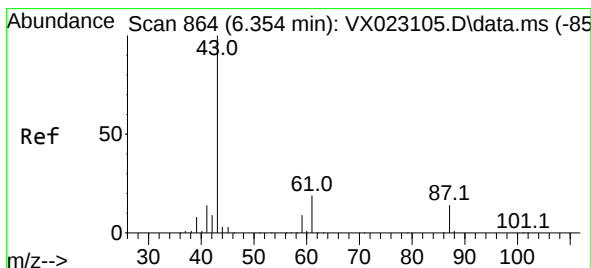
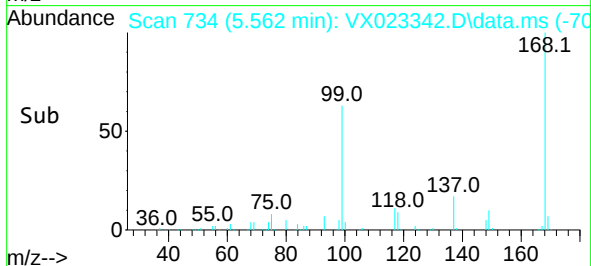
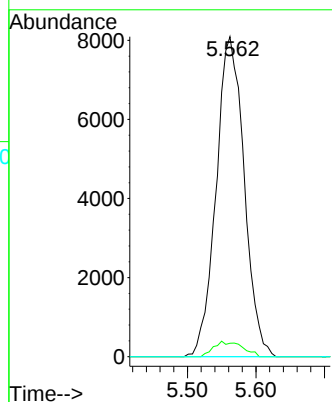


#38
Carbon Tetrachloride
Concen: 7.046 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#06

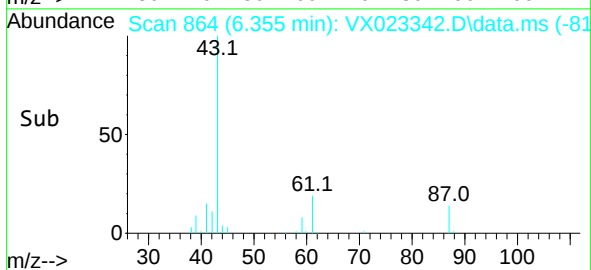
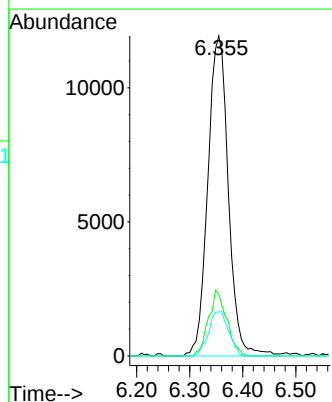
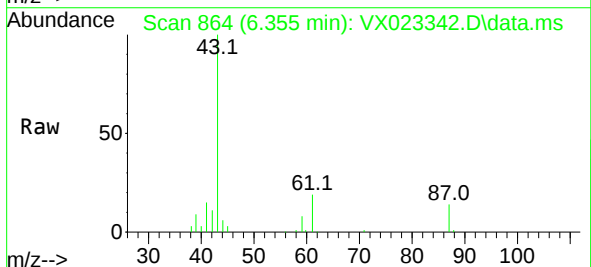


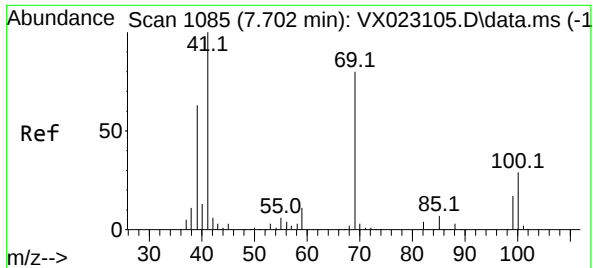
Tgt Ion:117 Resp: 22913
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 5.687 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.001 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

Tgt Ion: 43 Resp: 32150
Ion Ratio Lower Upper
43 100
61 18.2 18.2 27.4
87 13.6 12.5 18.7

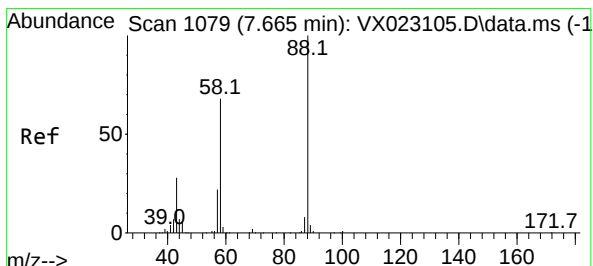
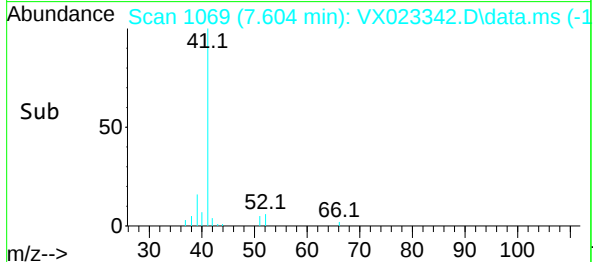
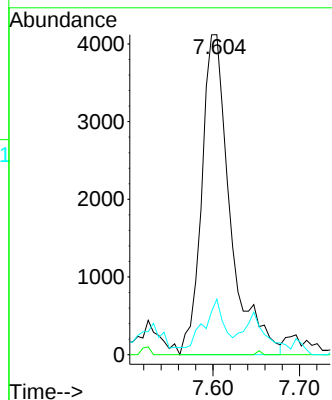
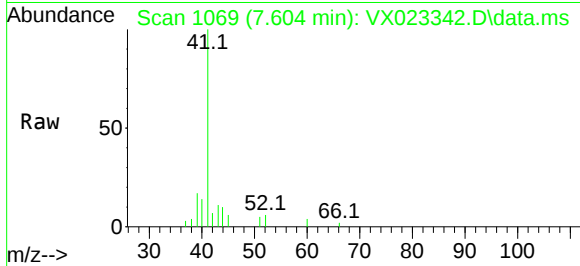




#48
Methyl methacrylate
Concen: 3.396 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

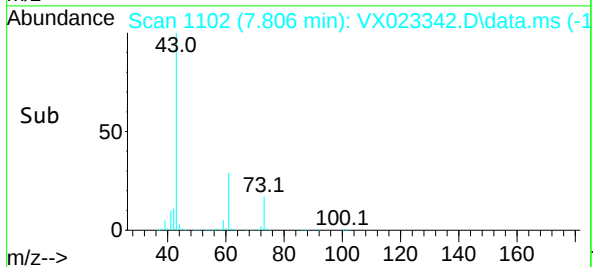
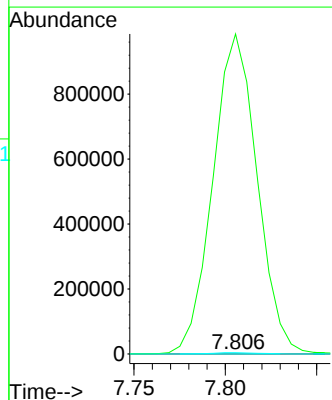
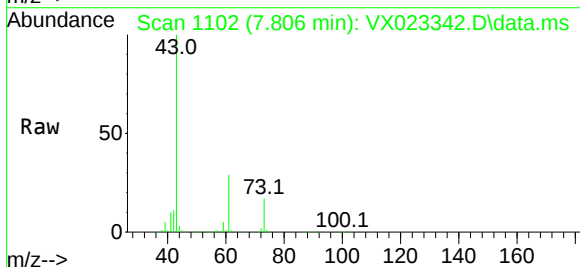
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#06

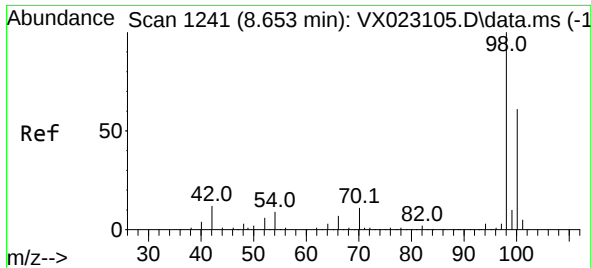
Tgt Ion: 41 Resp: 9421
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 5.238 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.141 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

Tgt Ion: 88 Resp: 327
Ion Ratio Lower Upper
88 100
43 509701.5 23.2 34.8#
58 2174.3 55.0 82.4#

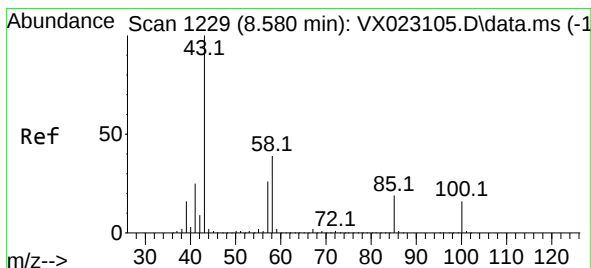
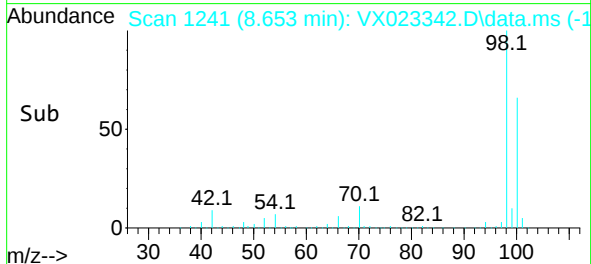
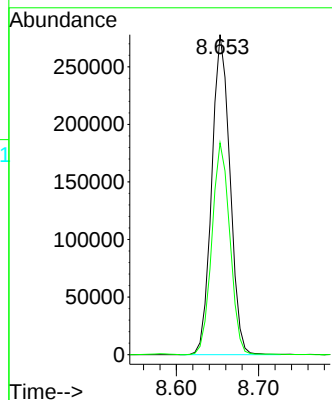
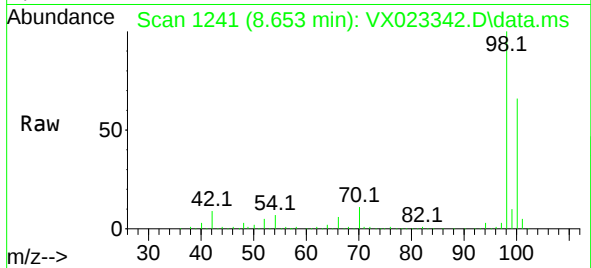




#50
Toluene-d8
Concen: 50.655 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

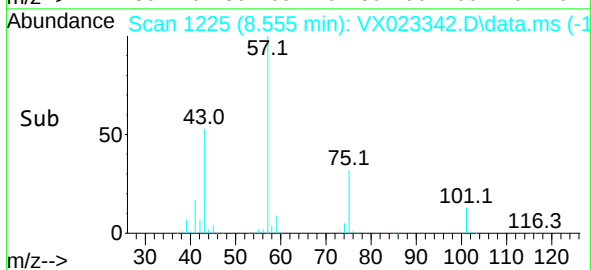
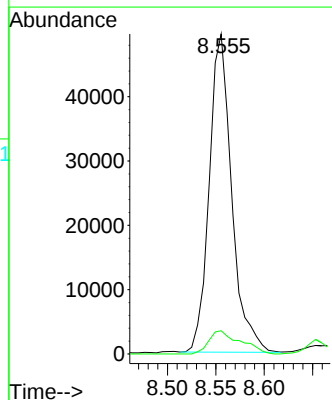
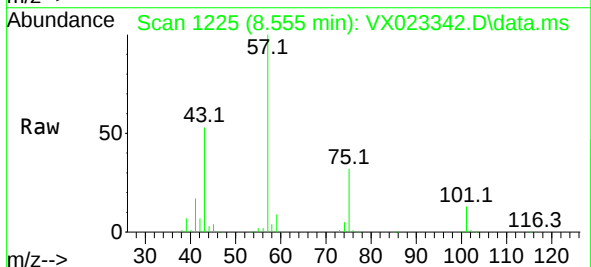
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#06

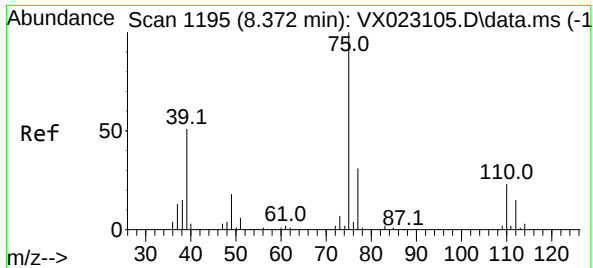
Tgt Ion: 98 Resp: 426425
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 22.830 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

Tgt Ion: 43 Resp: 79975
Ion Ratio Lower Upper
43 100
58 10.3 35.4 53.0#

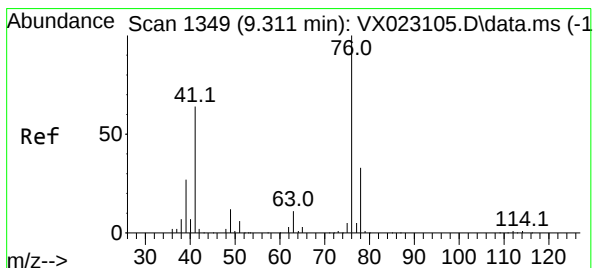
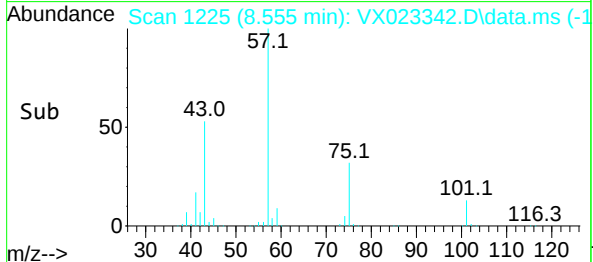
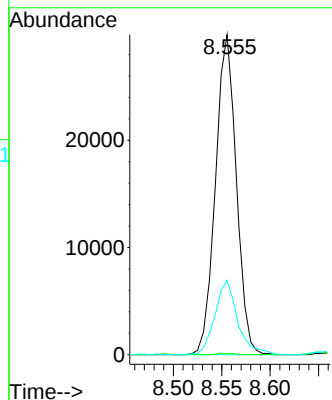
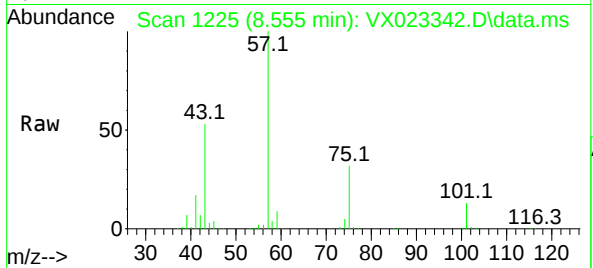




#54
 cis-1,3-Dichloropropene
 Concen: 12.724 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.183 min
 Lab File: VX023342.D
 Acq: 19 Jul 2021 15:18

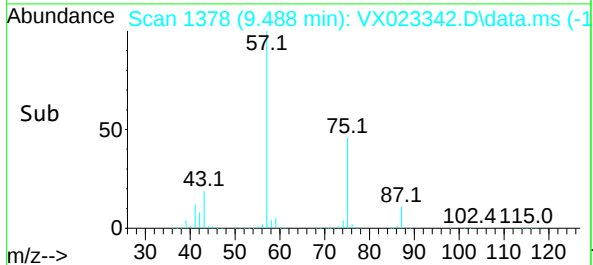
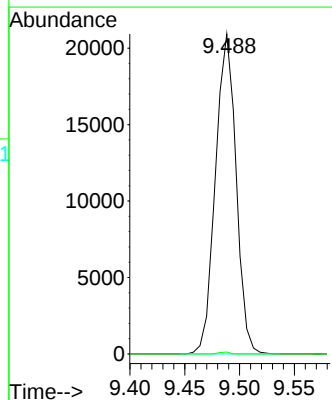
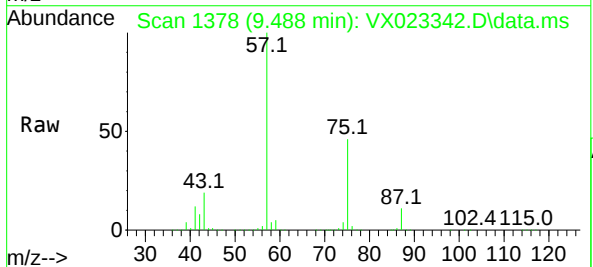
Instrument :
 MSVOA_X
 ClientSampleId :
 PB137749ZHE#06

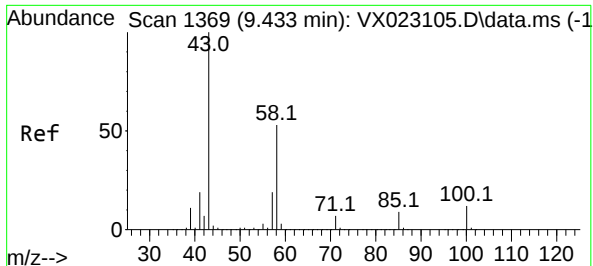
Tgt Ion: 75 Resp: 44700
 Ion Ratio Lower Upper
 75 100
 77 0.3 25.7 38.5#
 39 23.2 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 6.757 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX023342.D
 Acq: 19 Jul 2021 15:18

Tgt Ion: 76 Resp: 27453
 Ion Ratio Lower Upper
 76 100
 78 0.3 26.2 39.2#

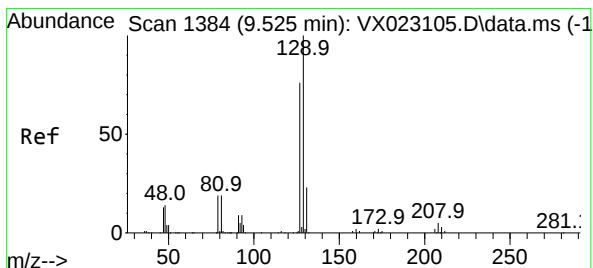
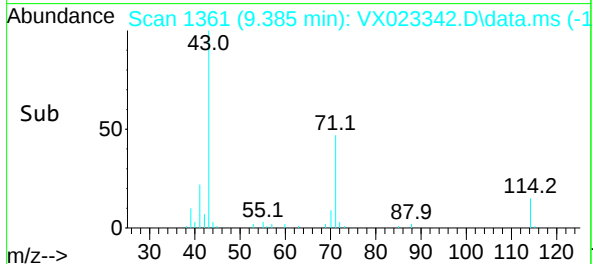
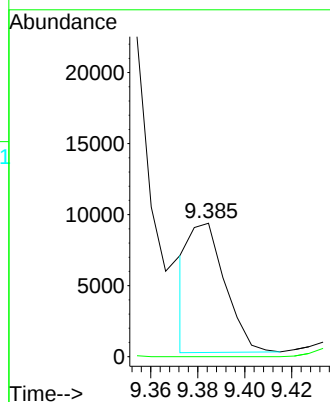
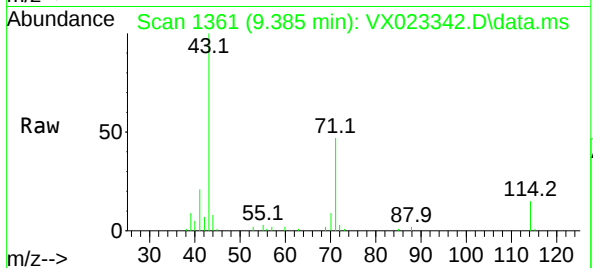




#59
2-Hexanone
Concen: 3.575 ug/l
RT: 9.385 min Scan# 1361
Delta R.T. -0.048 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

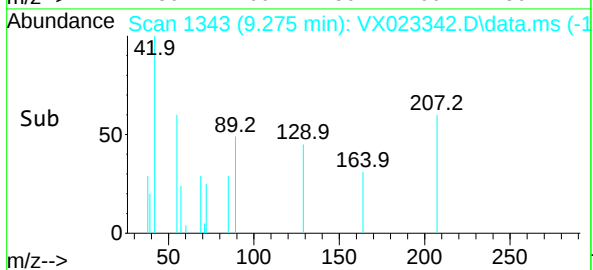
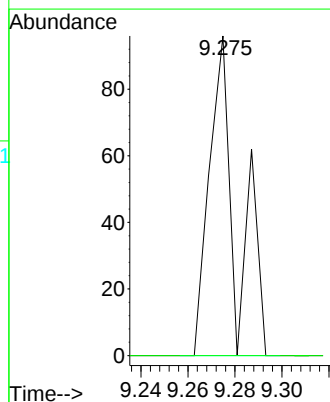
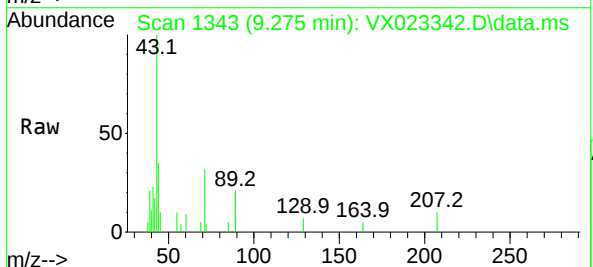
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#06

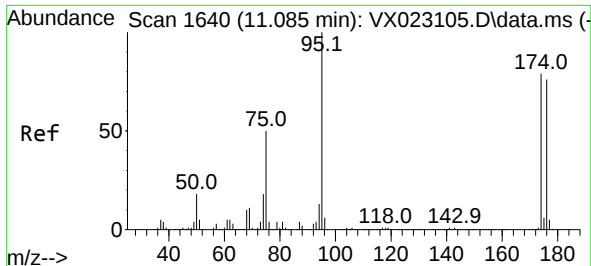
Tgt Ion: 43 Resp: 9608
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#60
Dibromochloromethane
Concen: 3.139 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

Tgt Ion: 129 Resp: 78
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

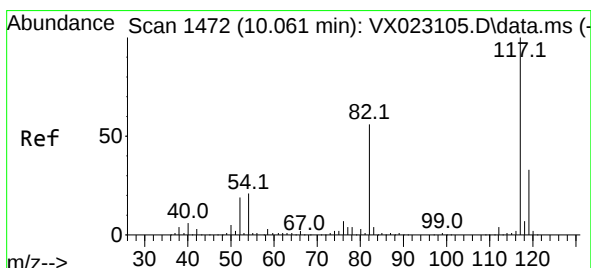
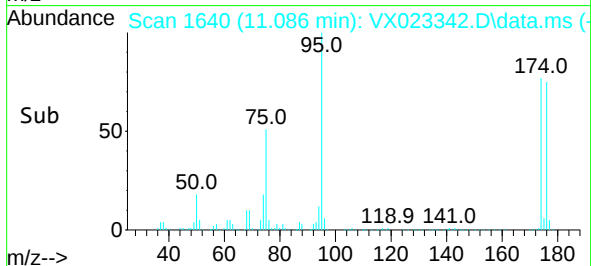
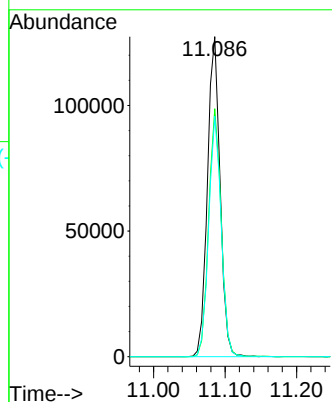
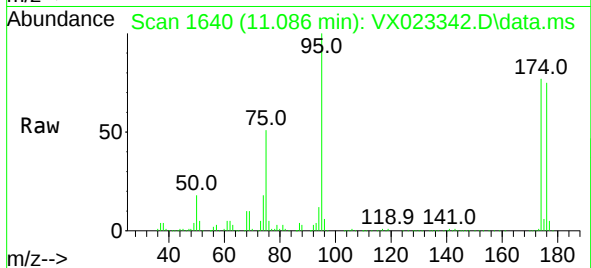




#62
4-Bromofluorobenzene
Concen: 48.187 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

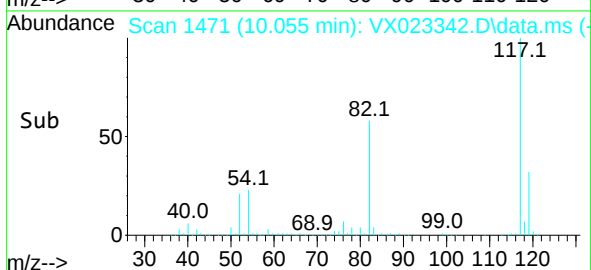
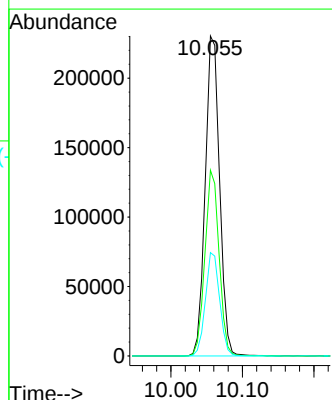
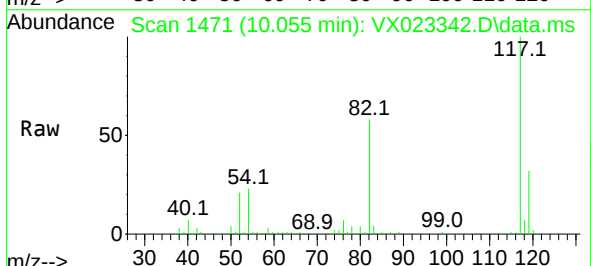
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#06

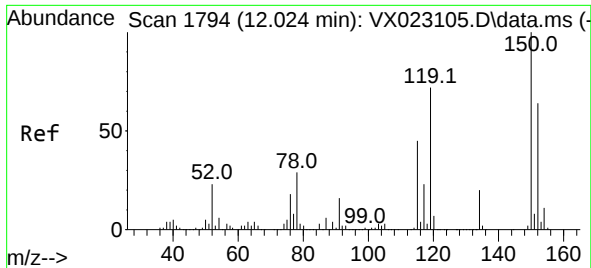
Tgt Ion: 95 Resp: 156604
Ion Ratio Lower Upper
95 100
174 76.6 0.0 154.6
176 74.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

Tgt Ion: 117 Resp: 321903
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 32.3 26.6 39.8

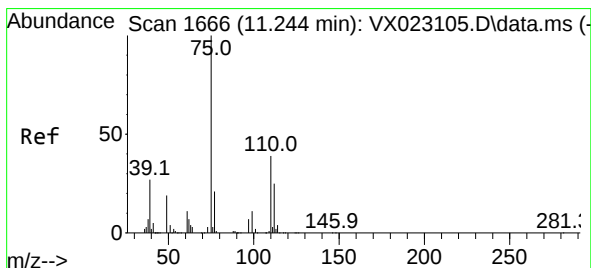
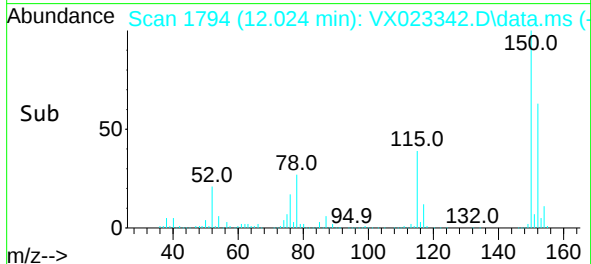
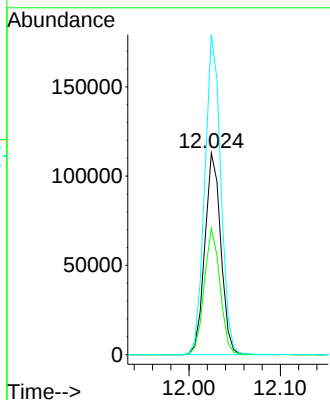
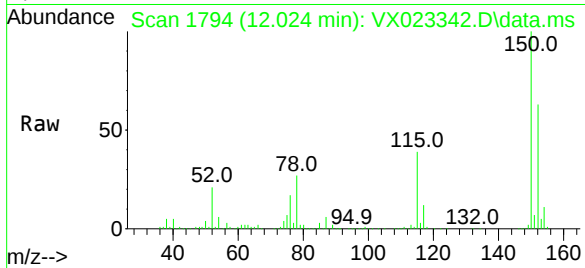




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

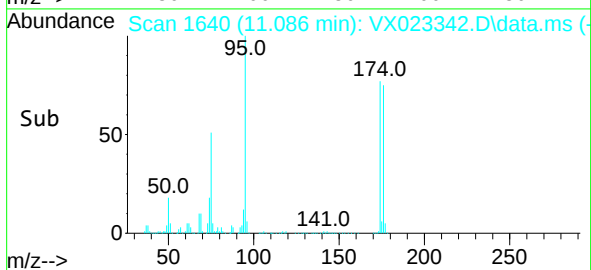
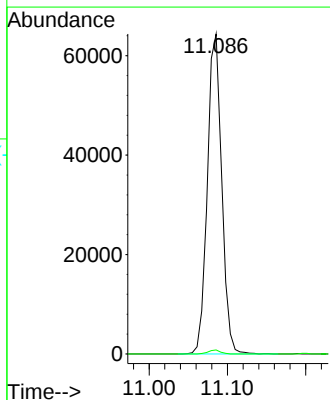
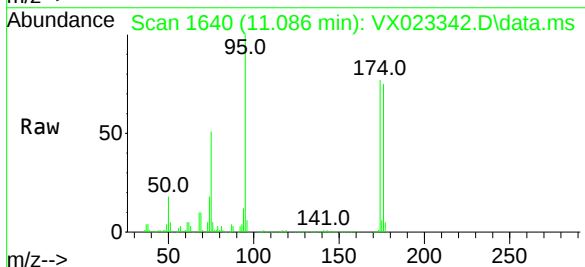
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#06

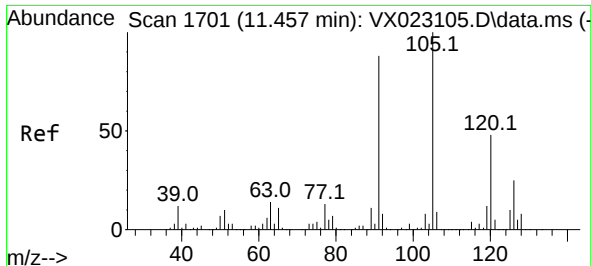
Tgt Ion:152 Resp: 136621
Ion Ratio Lower Upper
152 100
115 61.9 41.1 123.3
150 159.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 29.715 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

Tgt Ion: 75 Resp: 81694
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

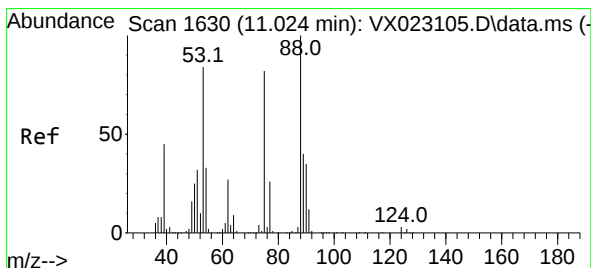
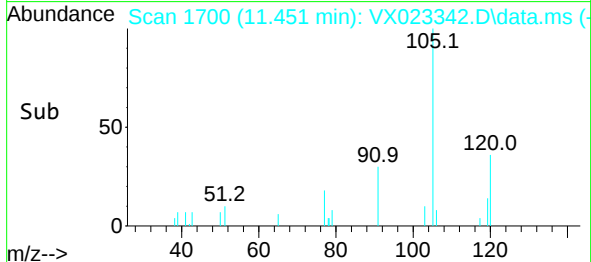
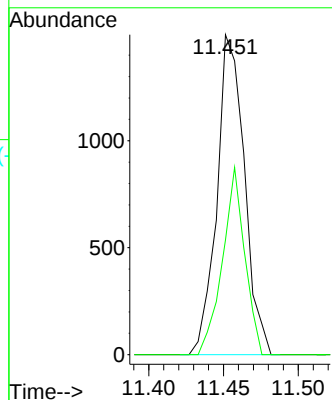
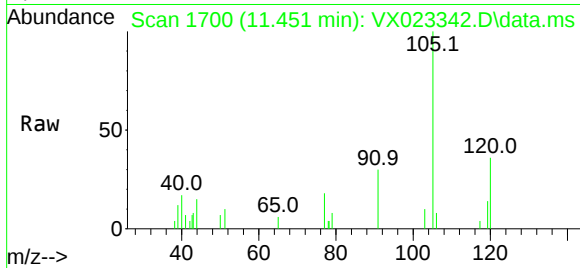




#80
1,3,5-Trimethylbenzene
Concen: 0.230 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

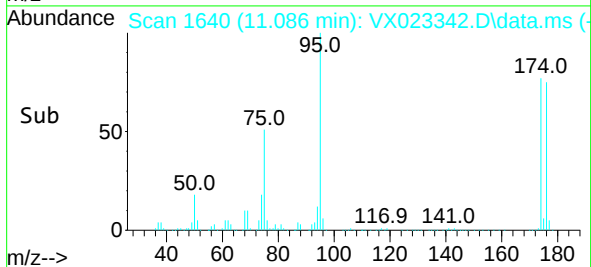
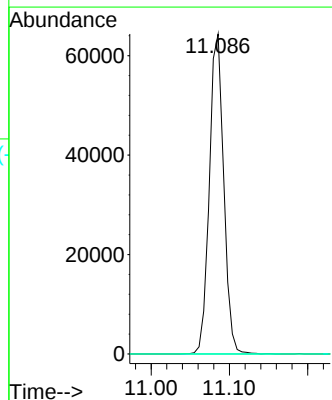
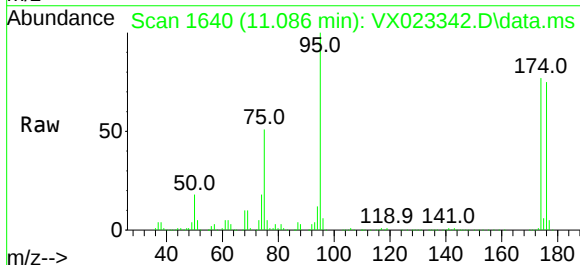
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#06

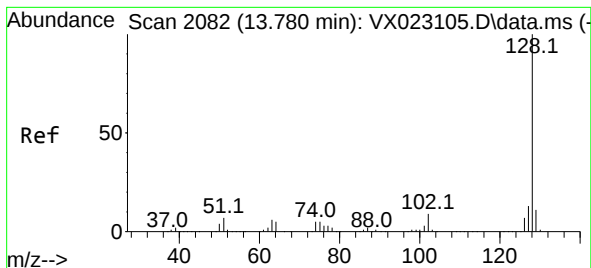
Tgt Ion:105 Resp: 1910
Ion Ratio Lower Upper
105 100
120 47.3 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 79.830 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.062 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

Tgt Ion: 75 Resp: 81694
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.308 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023342.D
Acq: 19 Jul 2021 15:18

Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#06

Tgt Ion:128 Resp: 337
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

