

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031622\
 Data File : VX027469.D
 Acq On : 16 Mar 2022 14:29
 Operator : JC/MD
 Sample : PB143354TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB143354TB

Quant Time: Mar 17 00:50:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

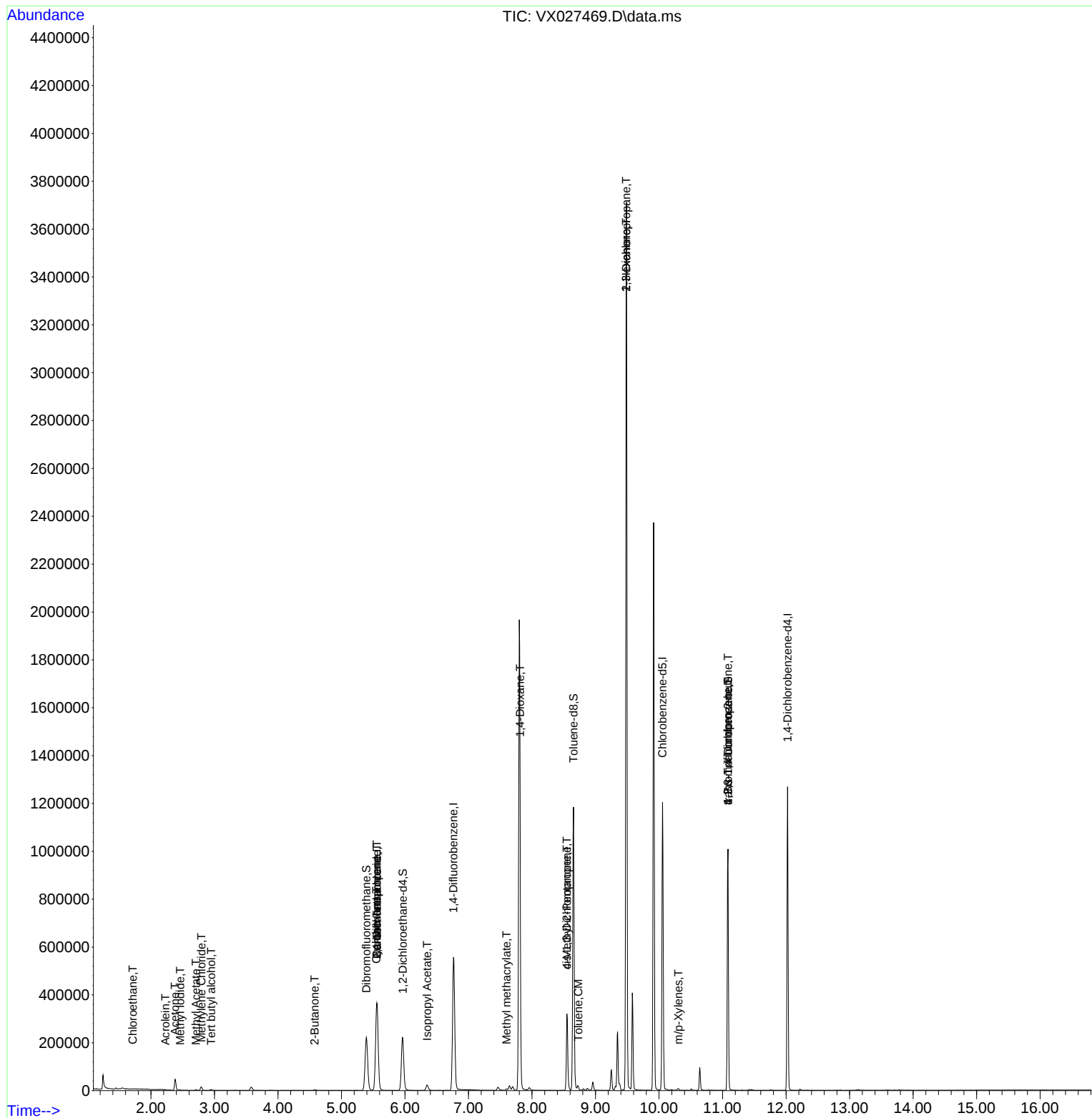
Internal Standards						
1) Pentafluorobenzene	5.556	168	354492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	583068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	548641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	275531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	224838	54.389	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.780%			
35) Dibromofluoromethane	5.391	113	193467	51.422	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.840%			
50) Toluene-d8	8.653	98	698192	49.155	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.320%			
62) 4-Bromofluorobenzene	11.085	95	277690	51.296	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.600%			
Target Compounds						Qvalue
5) Bromomethane	1.611	94	531	Below Cal		90
6) Chloroethane	1.715	64	128	0.508 ug/l #		43
10) Methyl Iodide	2.459	142	1345	0.267 ug/l #		94
11) Tert butyl alcohol	2.946	59	2031	2.506 ug/l #		72
13) Acrolein	2.227	56	142	0.250 ug/l #		1
16) Acetone	2.380	43	48788	27.885 ug/l		93
18) Methyl Acetate	2.709	43	2845	0.626 ug/l #		85
20) Methylene Chloride	2.794	84	6408	1.587 ug/l #		85
25) 2-Butanone	4.574	43	3218	1.130 ug/l		98
31) Cyclohexane	5.550	56	6674	1.154 ug/l #		11
36) 1,1-Dichloropropene	5.556	75	25603	4.901 ug/l #		50
38) Carbon Tetrachloride	5.556	117	36204	6.703 ug/l #		16
43) Isopropyl Acetate	6.348	43	29428	3.545 ug/l		95
48) Methyl methacrylate	7.598	41	8321	2.016 ug/l #		7
49) 1,4-Dioxane	7.811	88	372	3.442 ug/l #		1
51) 4-Methyl-2-Pentanone	8.549	43	107070	19.267 ug/l #		44
52) Toluene	8.726	92	6020	0.594 ug/l		96
54) cis-1,3-Dichloropropene	8.549	75	52588	8.717 ug/l #		69
57) 1,3-Dichloropropane	9.482	76	34361	5.029 ug/l #		43
59) 2-Hexanone	9.482	43	433801	101.057 ug/l #		43
68) m/p-Xylenes	10.305	106	1779	0.228 ug/l		96
76) 1,2,3-Trichloropropane	11.085	75	129511	21.424 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.085	75	129511	69.286 ug/l #		15

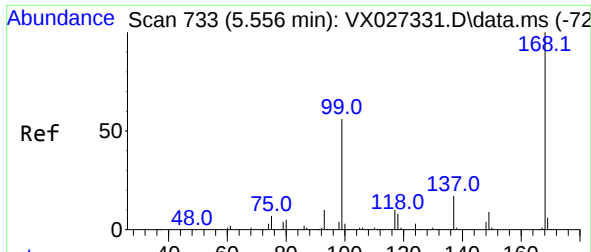
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

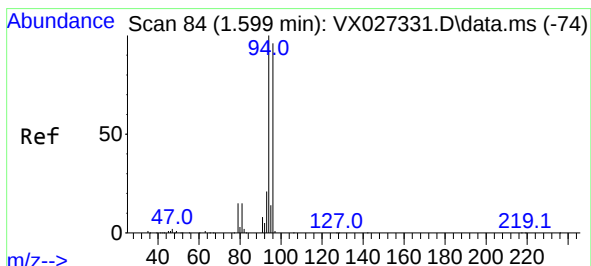
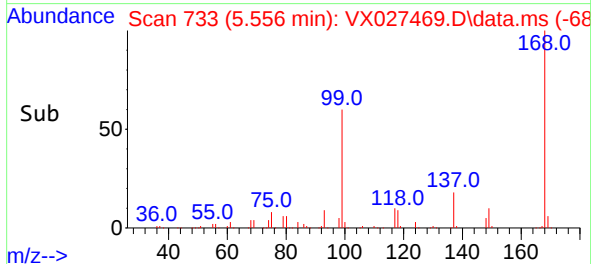
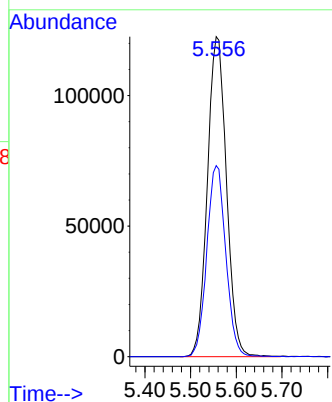
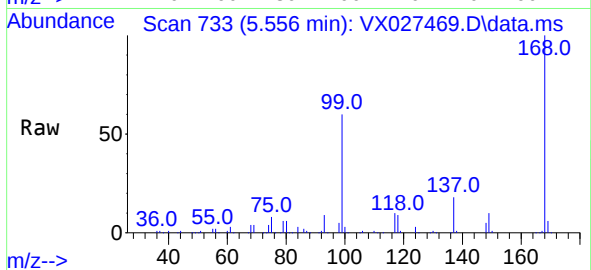




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

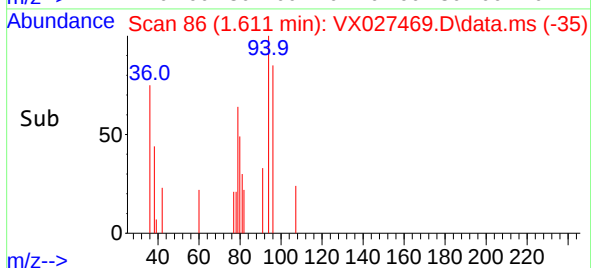
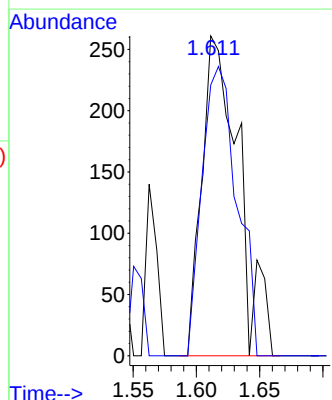
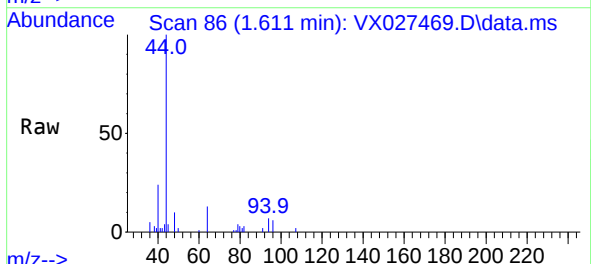
Instrument :
MSVOA_X
ClientSampleId :
PB143354TB

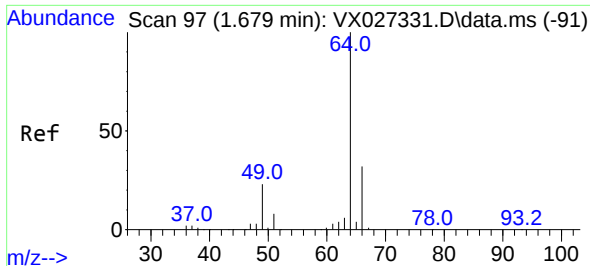
Tgt Ion:168 Resp: 354492
Ion Ratio Lower Upper
168 100
99 59.7 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

Tgt Ion: 94 Resp: 531
Ion Ratio Lower Upper
94 100
96 84.7 75.3 112.9

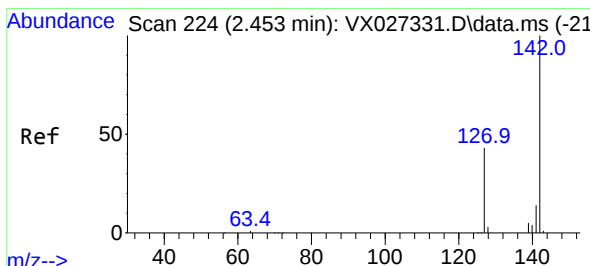
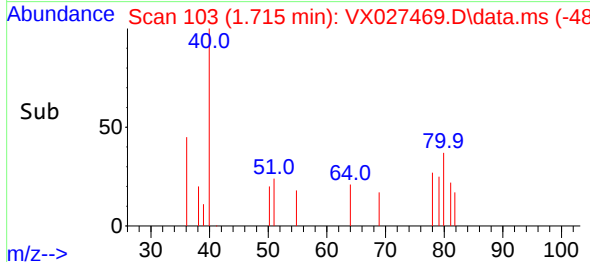
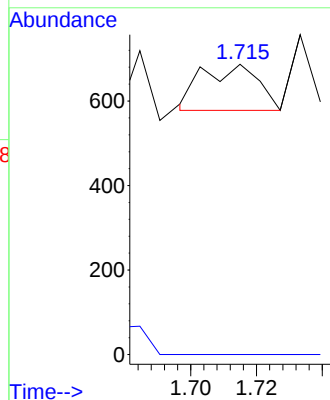
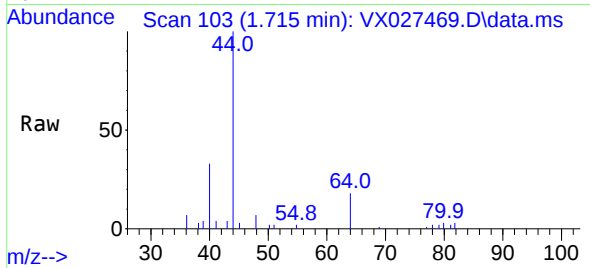




#6
Chloroethane
Concen: 0.508 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.036 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

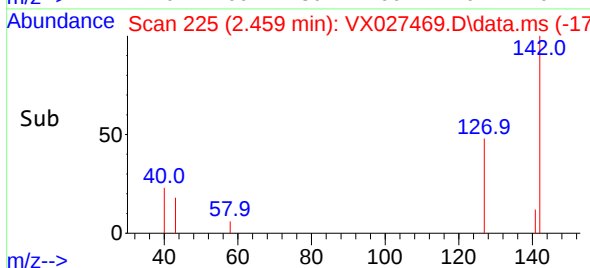
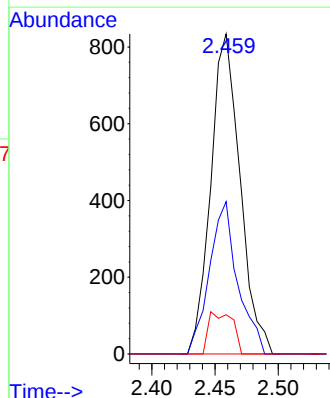
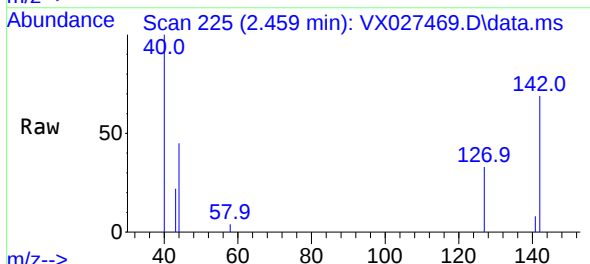
Instrument :
MSVOA_X
ClientSampleId :
PB143354TB

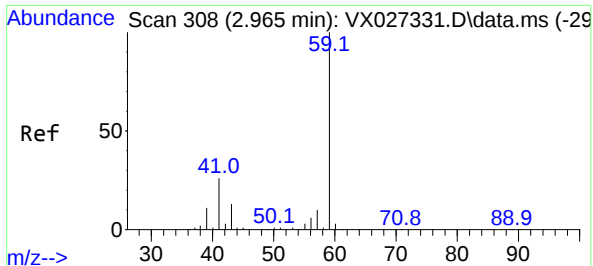
Tgt Ion: 64 Resp: 128
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.267 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

Tgt Ion: 142 Resp: 1345
Ion Ratio Lower Upper
142 100
127 45.9 33.9 50.9
141 10.7 11.4 17.2#





#11

Tert butyl alcohol

Concen: 2.506 ug/l

RT: 2.946 min Scan# 308

Delta R.T. -0.019 min

Lab File: VX027469.D

Acq: 16 Mar 2022 14:29

Instrument :

MSVOA_X

ClientSampleId :

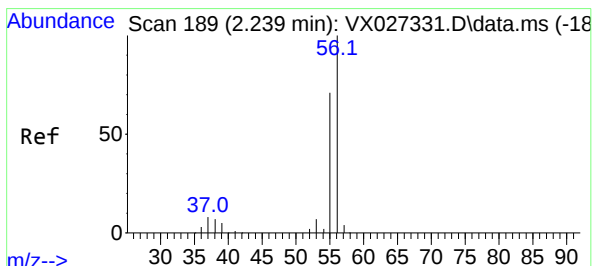
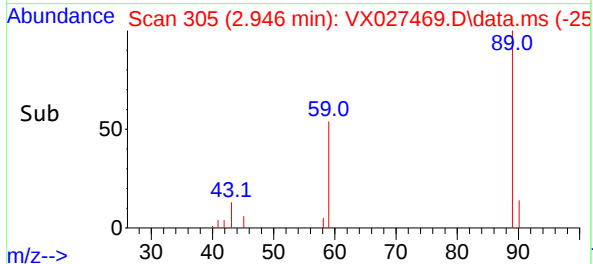
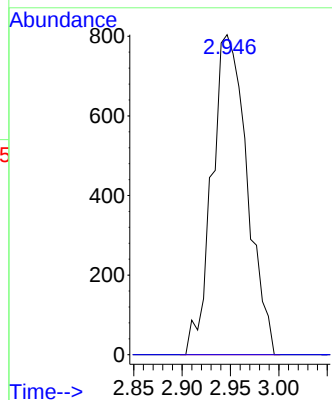
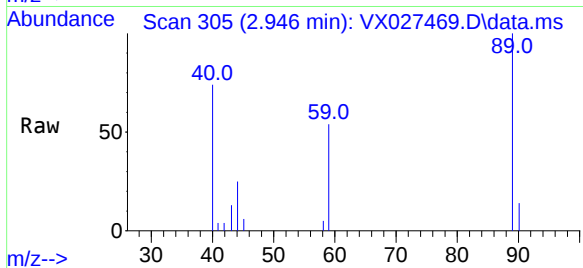
PB143354TB

Tgt Ion: 59 Resp: 2031

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: 0.250 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.012 min

Lab File: VX027469.D

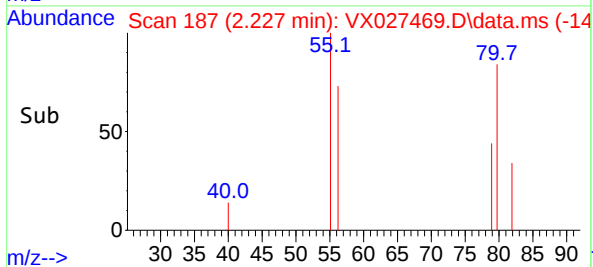
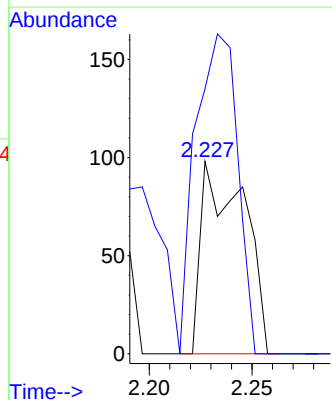
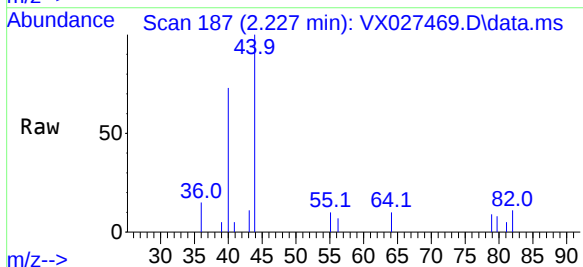
Acq: 16 Mar 2022 14:29

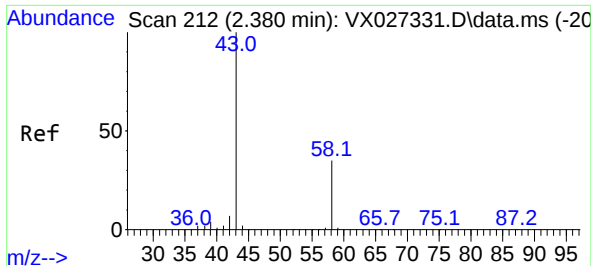
Tgt Ion: 56 Resp: 142

Ion Ratio Lower Upper

56 100

55 163.4 55.0 82.6#

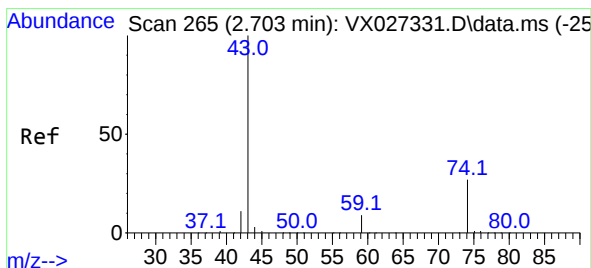
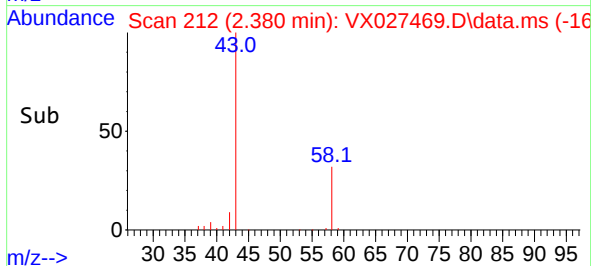
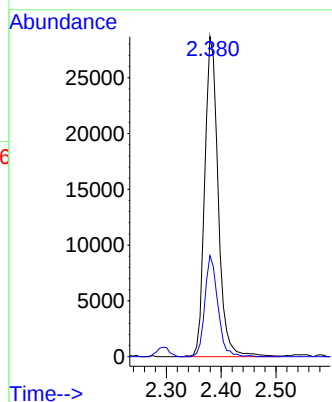
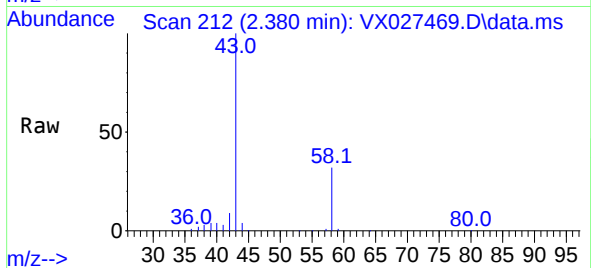




#16
Acetone
Concen: 27.885 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

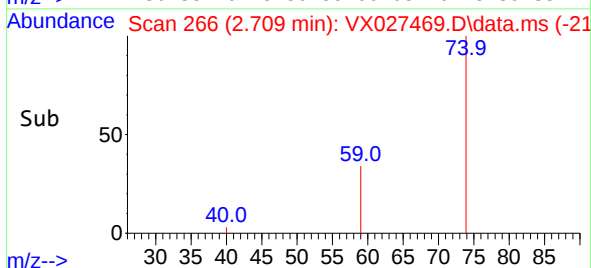
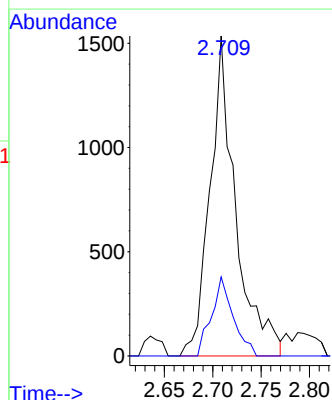
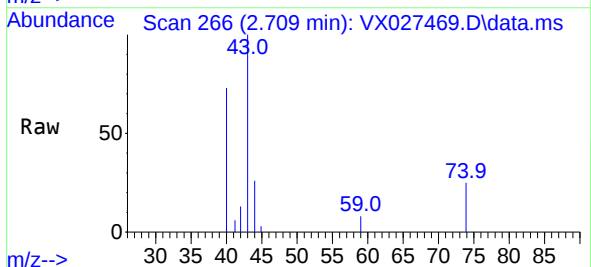
Instrument :
MSVOA_X
ClientSampleId :
PB143354TB

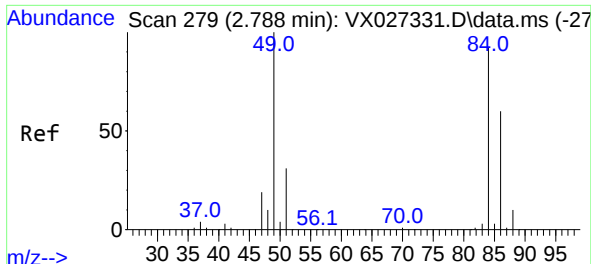
Tgt Ion: 43 Resp: 48788
Ion Ratio Lower Upper
43 100
58 31.6 28.8 43.2



#18
Methyl Acetate
Concen: 0.626 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

Tgt Ion: 43 Resp: 2845
Ion Ratio Lower Upper
43 100
74 20.8 22.8 34.2#

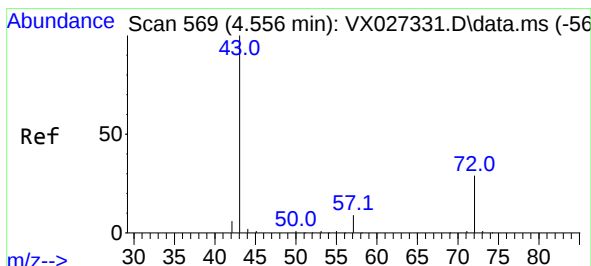
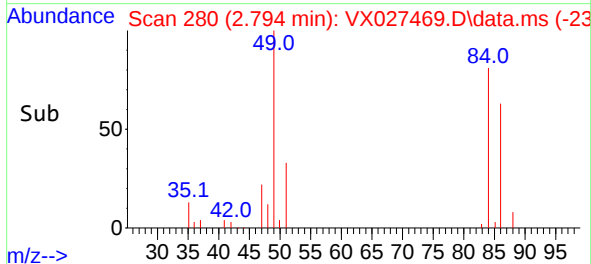
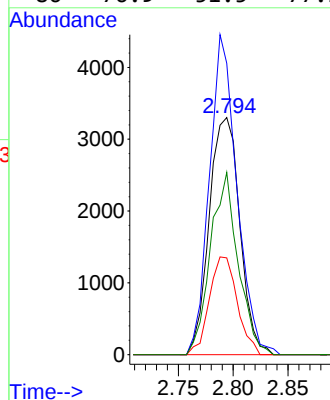
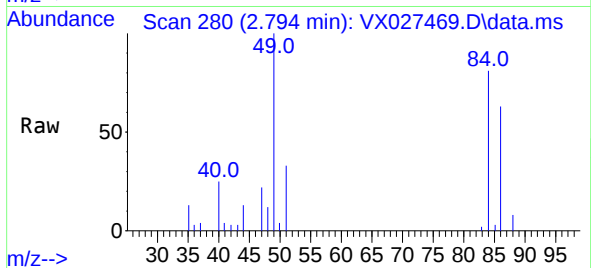




#20
Methylene Chloride
Concen: 1.587 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

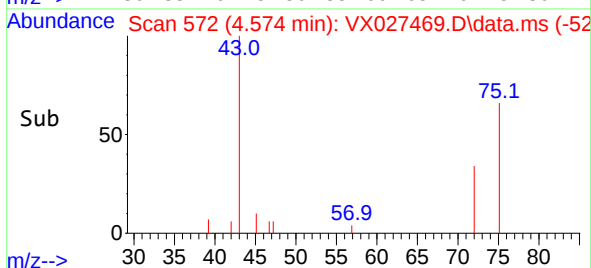
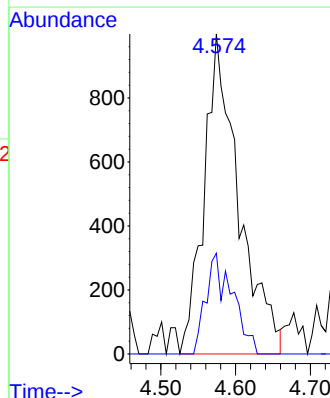
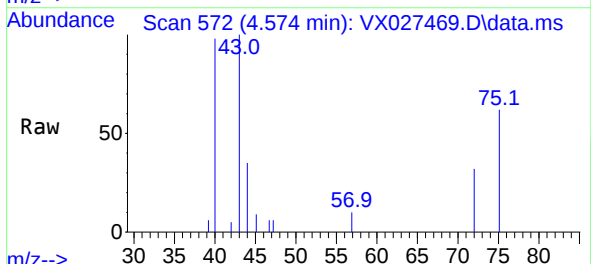
Instrument :
MSVOA_X
ClientSampleId :
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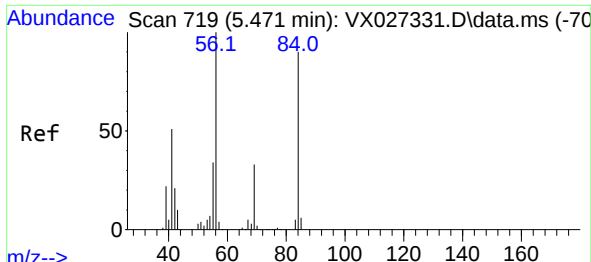
Tgt Ion:	84	Resp:	6408
Ion	Ratio	Lower	Upper
84	100		
49	122.9	85.5	128.3
51	40.8	26.6	39.8
86	76.9	51.5	77.3



#25
2-Butanone
Concen: 1.130 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

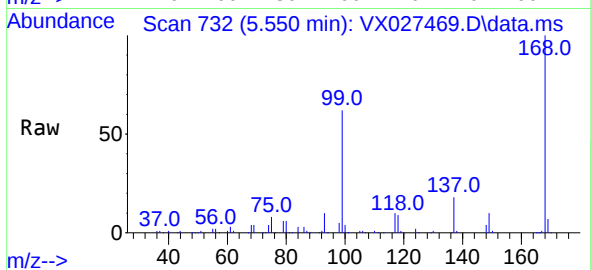
Tgt Ion:	43	Resp:	3218
Ion	Ratio	Lower	Upper
43	100		
72	31.5	24.4	36.6



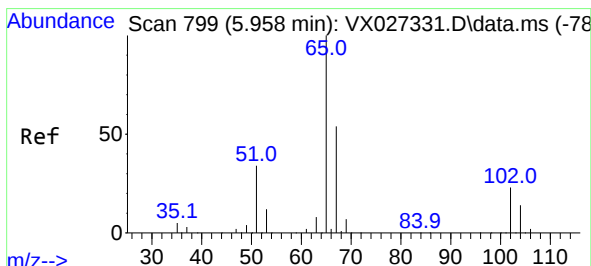
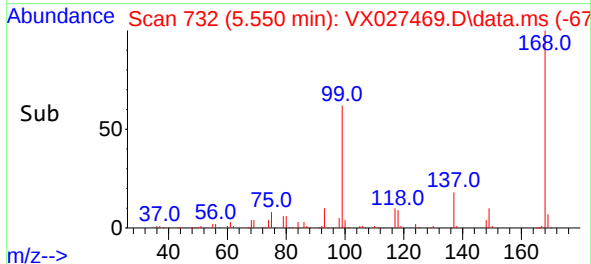
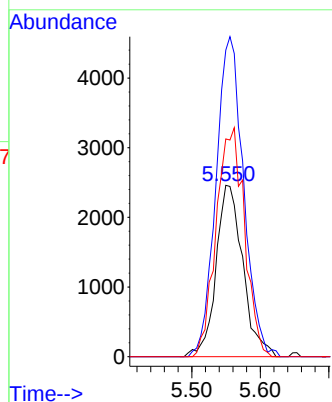


#31
Cyclohexane
Concen: 1.154 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

Instrument :
MSVOA_X
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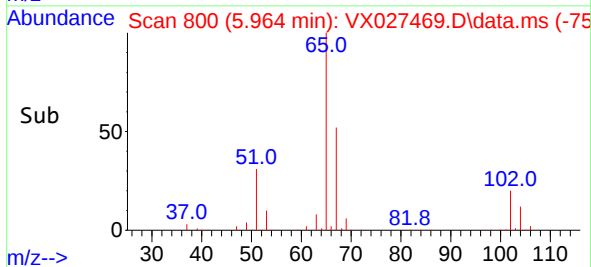
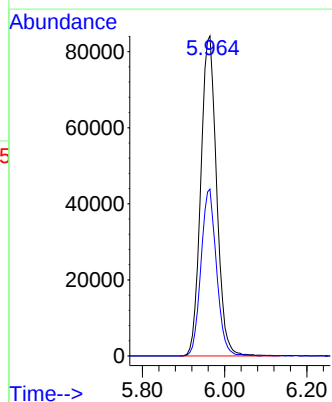
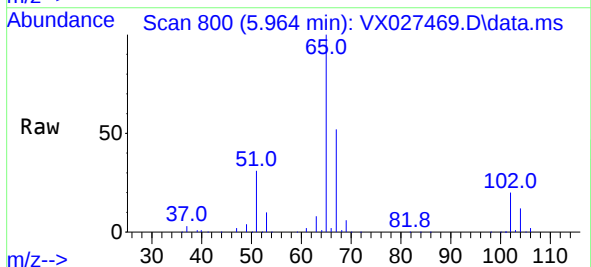


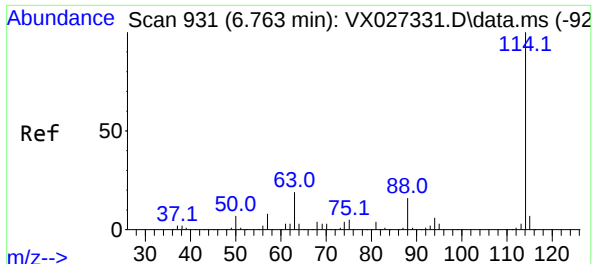
Tgt Ion: 56 Resp: 6674
Ion Ratio Lower Upper
56 100
69 179.0 26.7 40.1#
84 127.1 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 54.389 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

Tgt Ion: 65 Resp: 224838
Ion Ratio Lower Upper
65 100
67 51.1 0.0 107.4

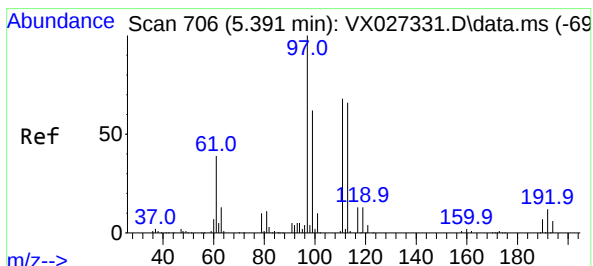
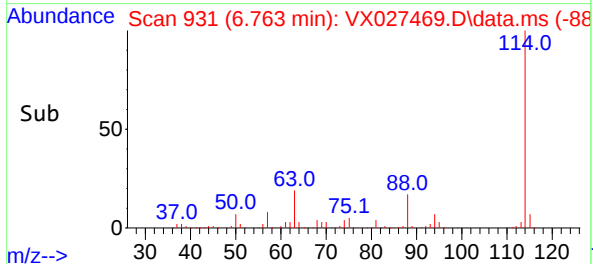
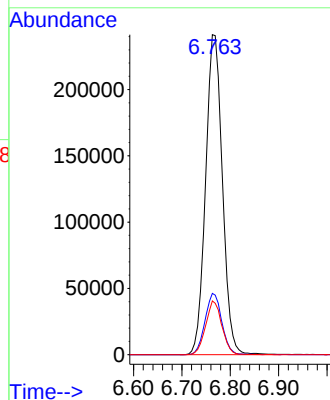
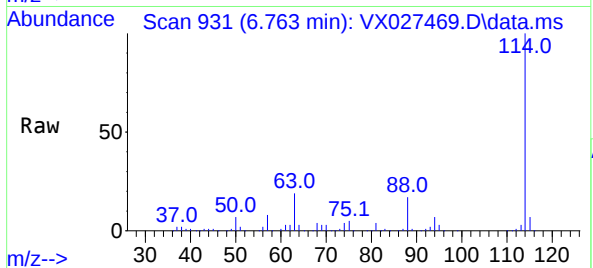




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

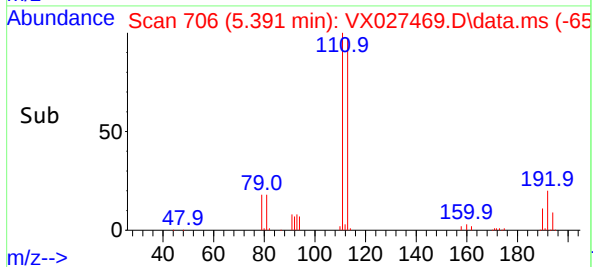
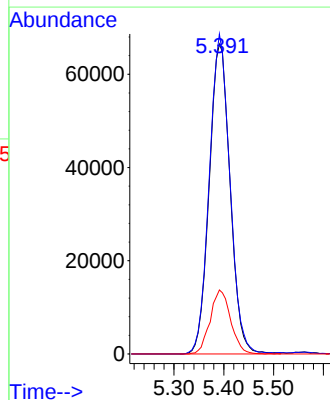
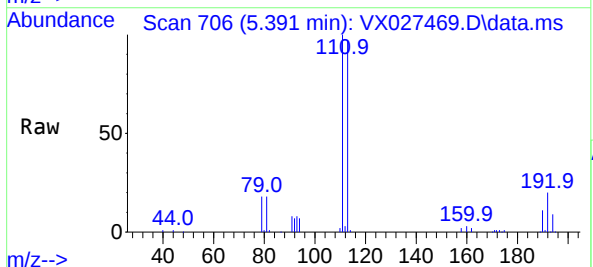
Instrument :
MSVOA_X
ClientSampleId :
PB143354TB

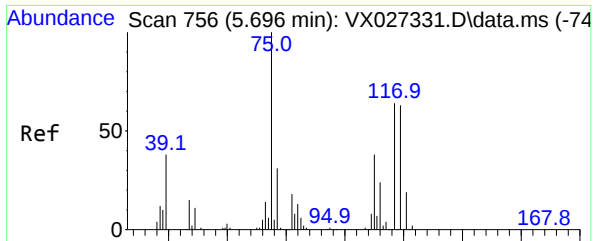
Tgt Ion:114 Resp: 583068
Ion Ratio Lower Upper
114 100
63 19.1 0.0 36.8
88 16.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.422 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

Tgt Ion:113 Resp: 193467
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 20.2 16.9 25.3

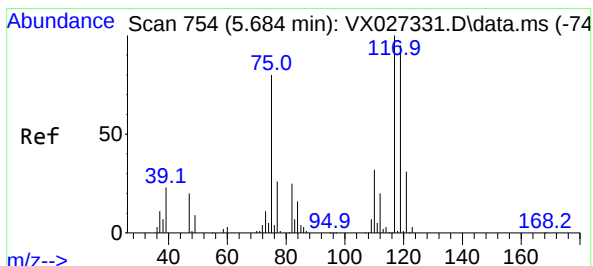
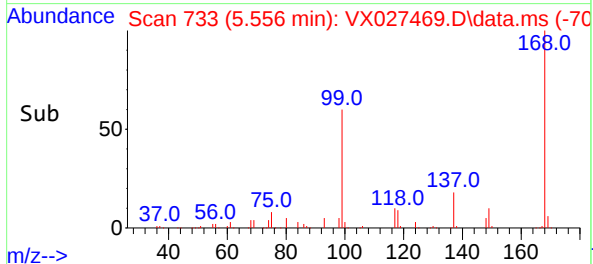
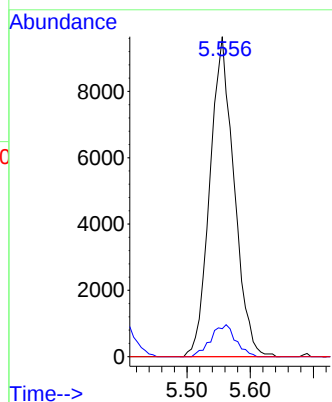
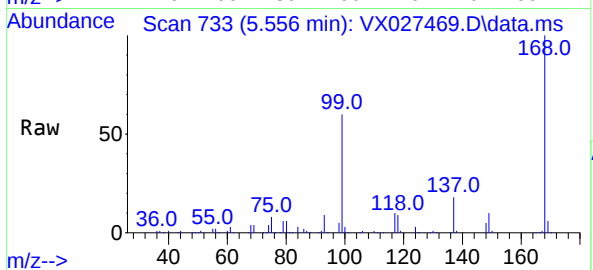




#36
1,1-Dichloropropene
Concen: 4.901 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

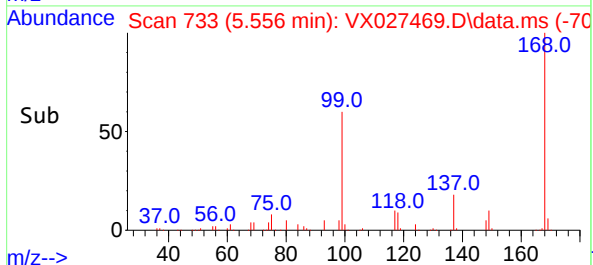
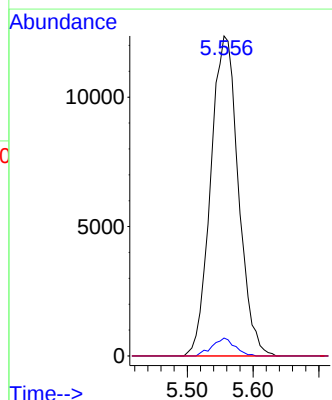
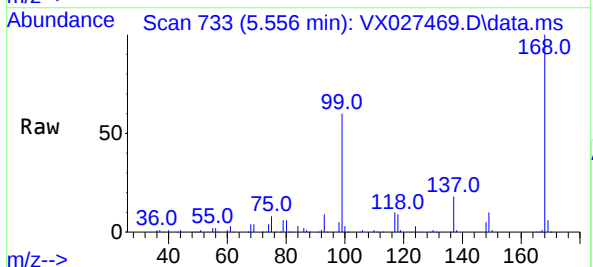
Instrument :
MSVOA_X
ClientSampleId :
PB143354TB

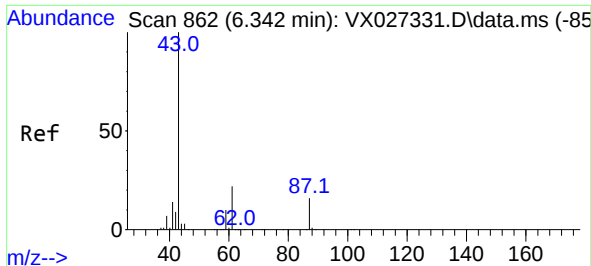
Tgt Ion: 75 Resp: 25603
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.703 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

Tgt Ion: 117 Resp: 36204
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 24.2 36.2#

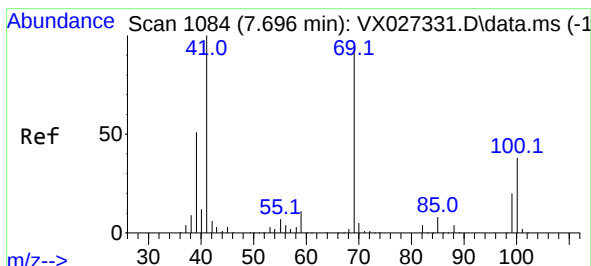
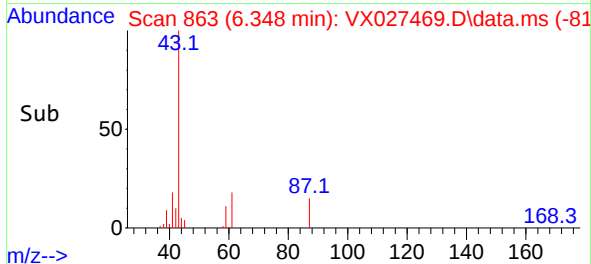
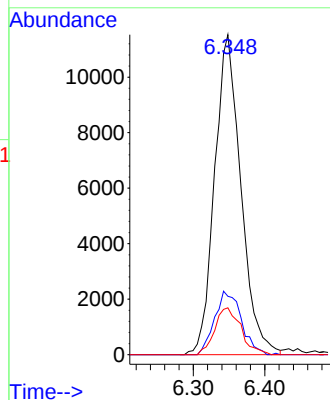
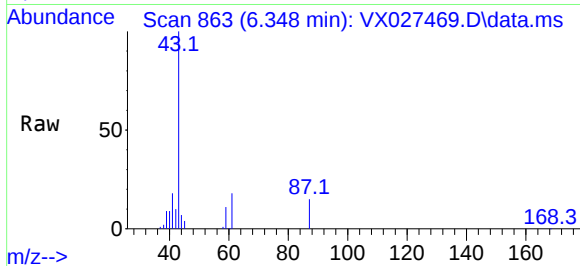




#43
Isopropyl Acetate
Concen: 3.545 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

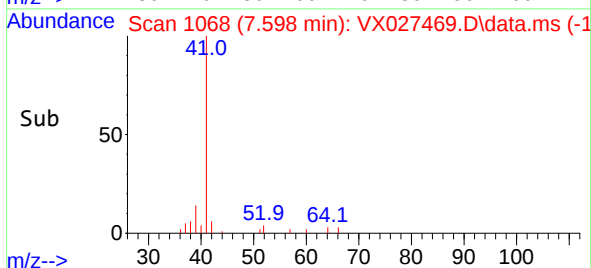
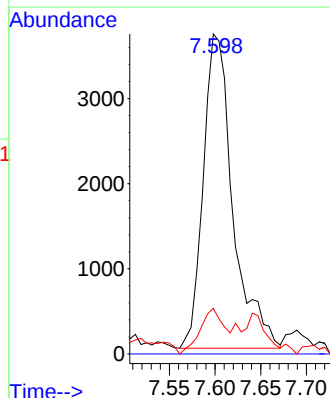
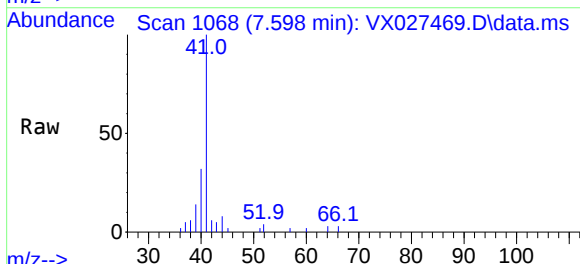
Instrument :
MSVOA_X
ClientSampleId :
PB143354TB

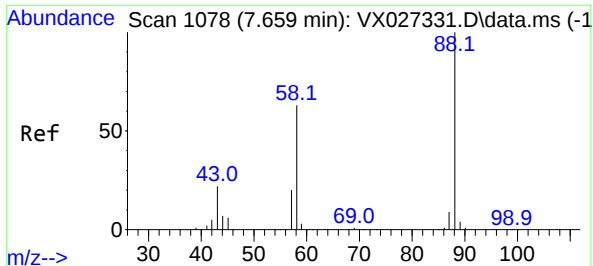
Tgt Ion: 43 Resp: 29428
Ion Ratio Lower Upper
43 100
61 20.1 18.5 27.7
87 14.6 13.0 19.6



#48
Methyl methacrylate
Concen: 2.016 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

Tgt Ion: 41 Resp: 8321
Ion Ratio Lower Upper
41 100
69 0.0 82.5 123.7#
39 0.0 43.8 65.8#





#49

1,4-Dioxane

Concen: 3.442 ug/l

RT: 7.811 min Scan# 1103

Delta R.T. 0.152 min

Lab File: VX027469.D

Acq: 16 Mar 2022 14:29

Instrument :

MSVOA_X

ClientSampleId :

PB143354TB

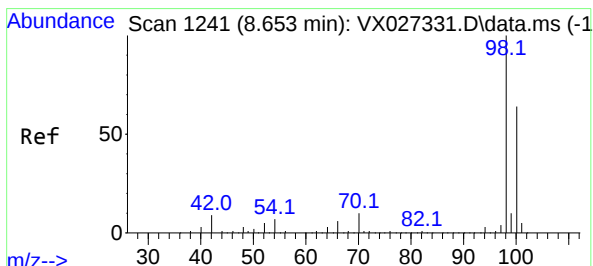
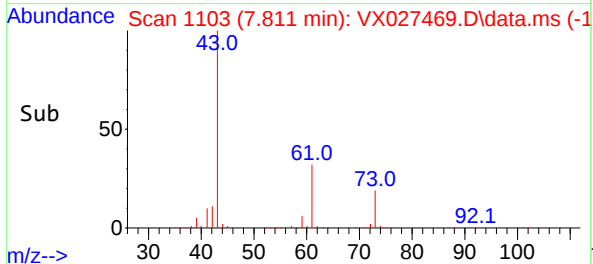
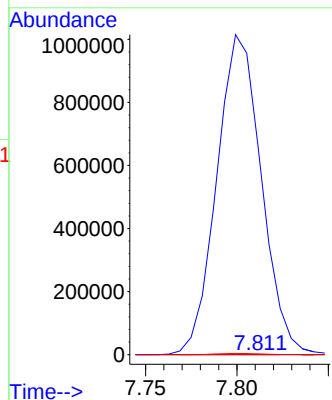
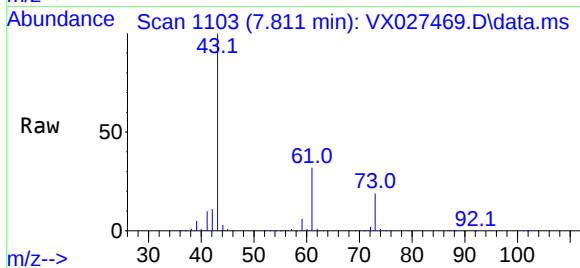
Tgt Ion: 88 Resp: 372

Ion Ratio Lower Upper

88 100

43 466623.4 21.9 32.9#

58 2038.2 53.7 80.5#



#50

Toluene-d8

Concen: 49.155 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027469.D

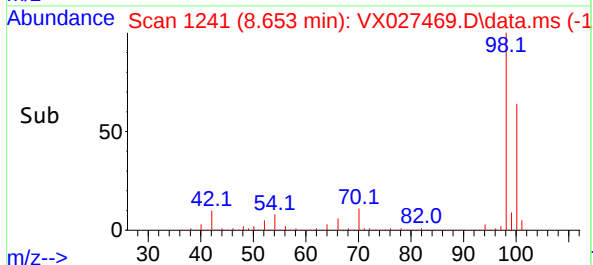
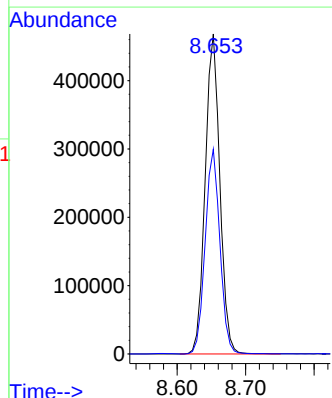
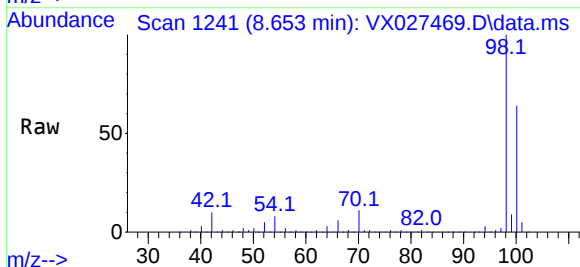
Acq: 16 Mar 2022 14:29

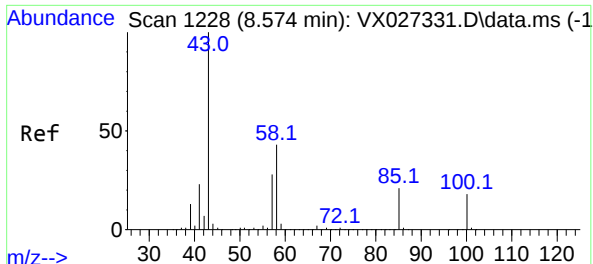
Tgt Ion: 98 Resp: 698192

Ion Ratio Lower Upper

98 100

100 64.2 52.6 78.8

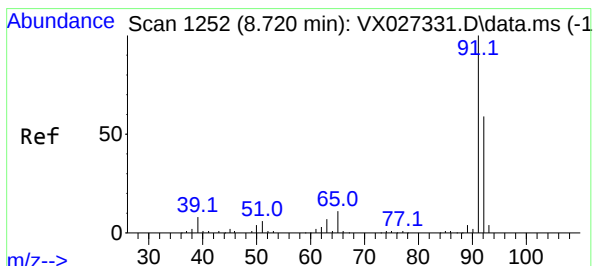
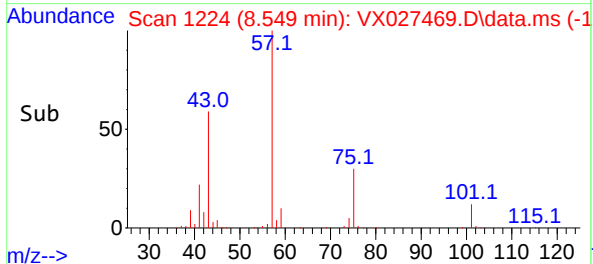
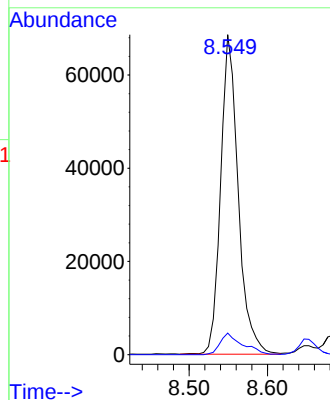
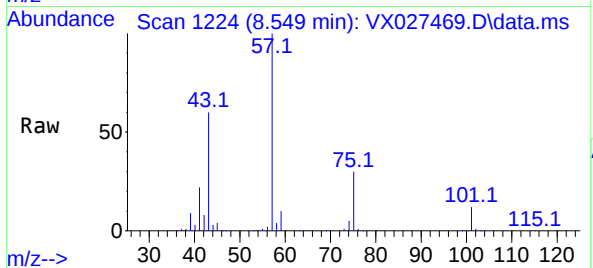




#51
4-Methyl-2-Pentanone
Concen: 19.267 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

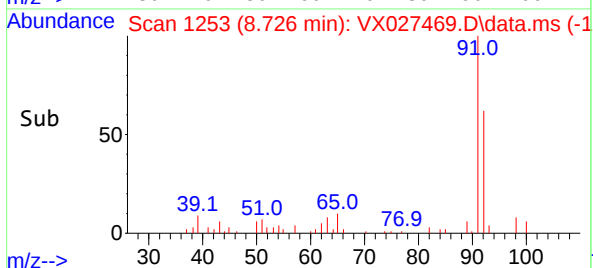
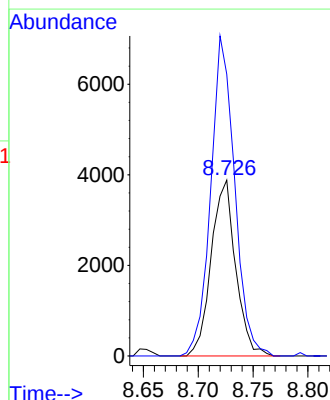
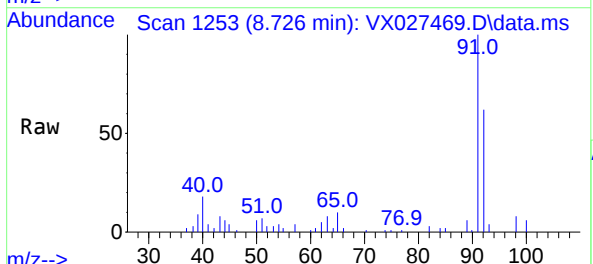
Instrument :
MSVOA_X
ClientSampleId :
PB143354TB

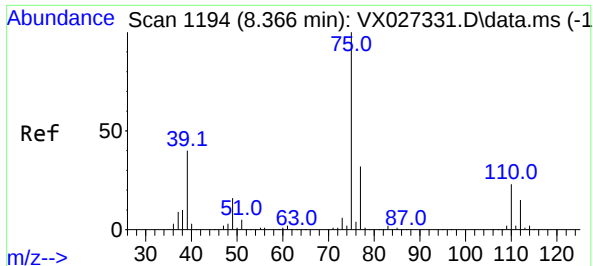
Tgt Ion: 43 Resp: 107070
Ion Ratio Lower Upper
43 100
58 8.6 36.1 54.1#



#52
Toluene
Concen: 0.594 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

Tgt Ion: 92 Resp: 6020
Ion Ratio Lower Upper
92 100
91 178.1 137.5 206.3

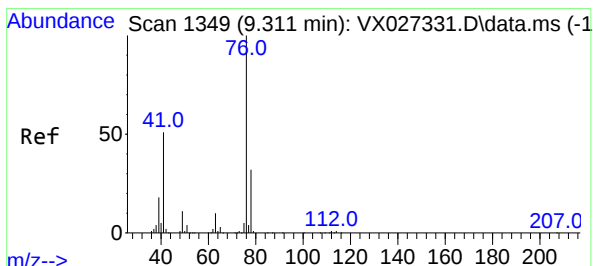
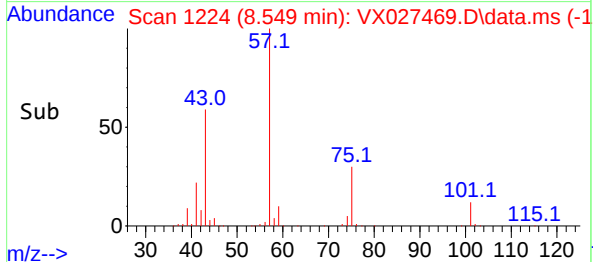
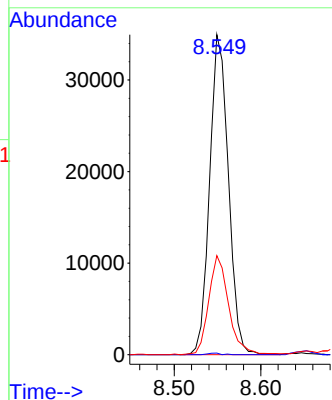
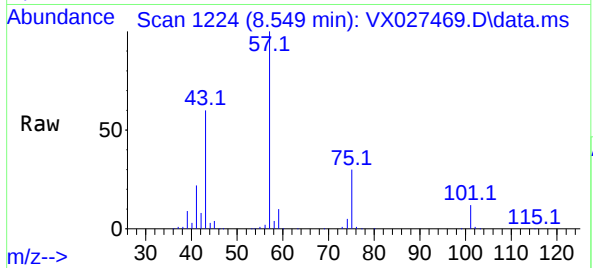




#54
cis-1,3-Dichloropropene
Concen: 8.717 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

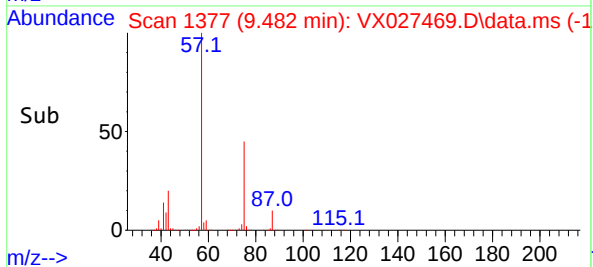
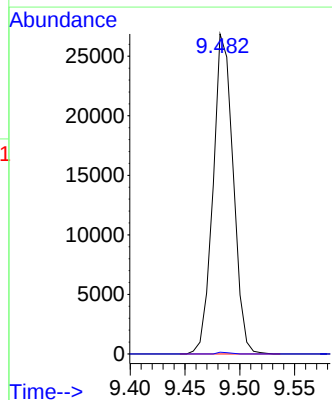
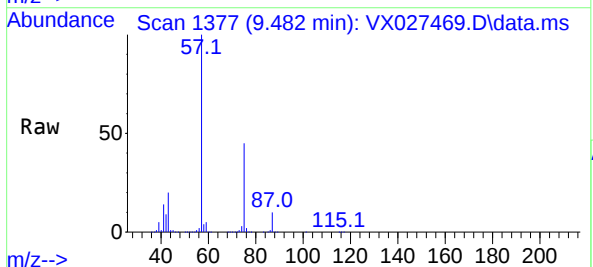
Instrument :
MSVOA_X
ClientSampleId :
PB143354TB

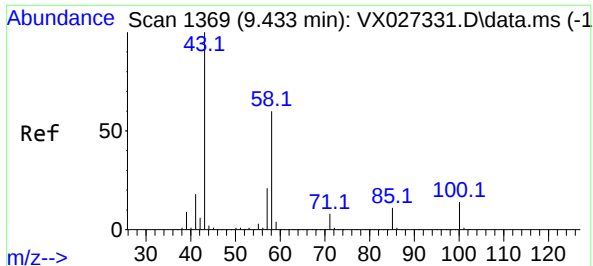
Tgt Ion: 75 Resp: 52588
Ion Ratio Lower Upper
75 100
77 0.5 24.8 37.2#
39 30.9 29.6 44.4



#57
1,3-Dichloropropane
Concen: 5.029 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

Tgt Ion: 76 Resp: 34361
Ion Ratio Lower Upper
76 100
78 0.3 25.8 38.8#





#59

2-Hexanone

Concen: 101.057 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.049 min

Lab File: VX027469.D

Acq: 16 Mar 2022 14:29

Instrument :

MSVOA_X

ClientSampleId :

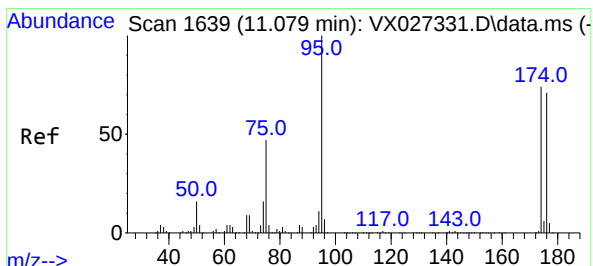
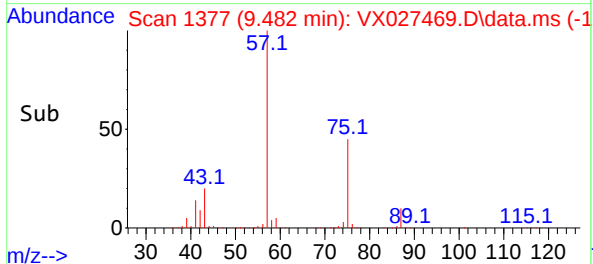
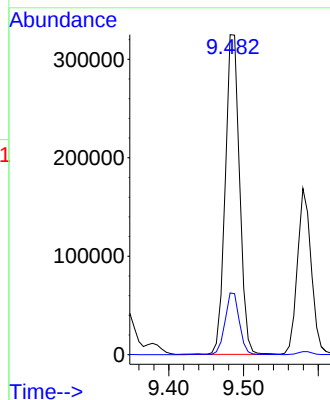
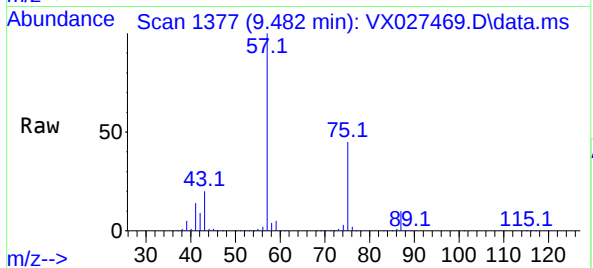
PB143354TB

Tgt Ion: 43 Resp: 433801

Ion Ratio Lower Upper

43 100

58 19.5 31.9 95.7#



#62

4-Bromofluorobenzene

Concen: 51.296 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX027469.D

Acq: 16 Mar 2022 14:29

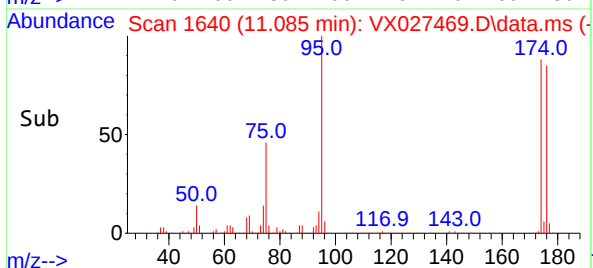
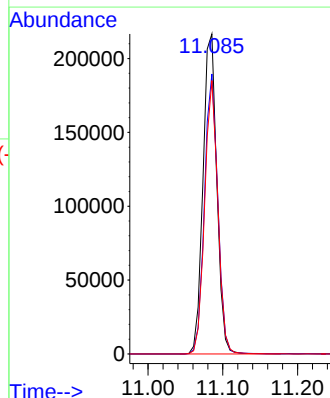
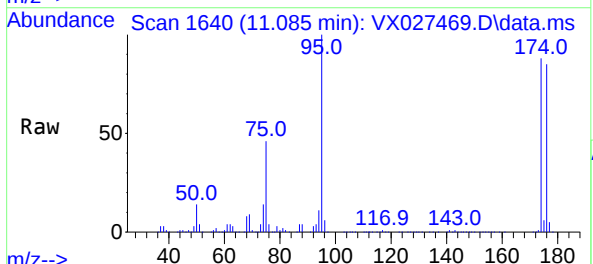
Tgt Ion: 95 Resp: 277690

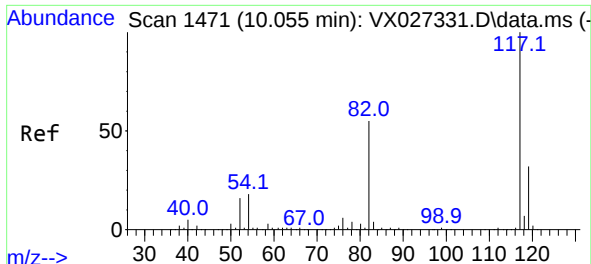
Ion Ratio Lower Upper

95 100

174 84.5 0.0 163.0

176 81.7 0.0 155.0

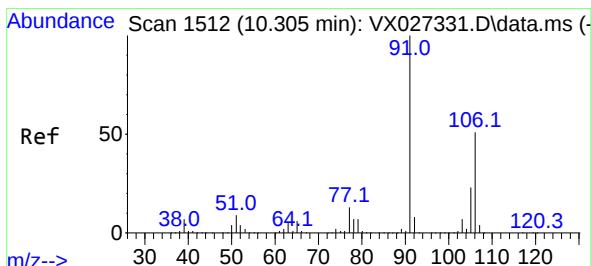
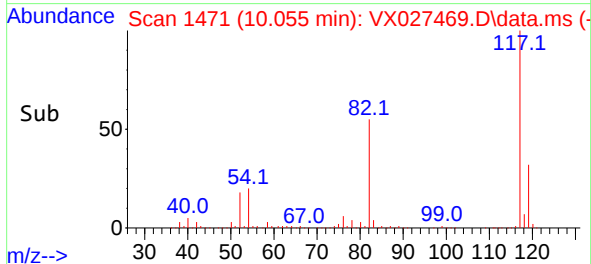
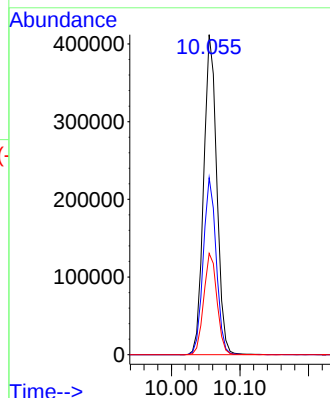
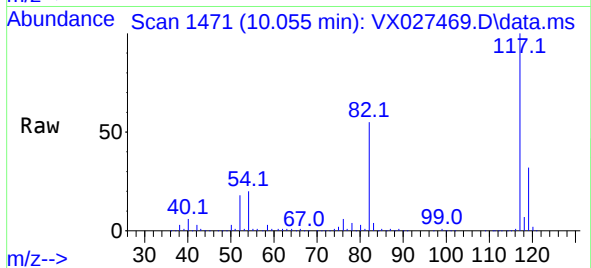




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

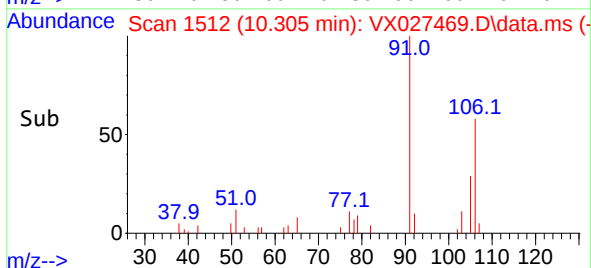
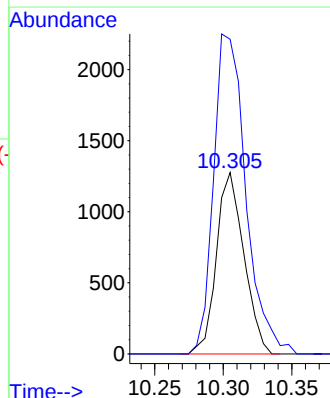
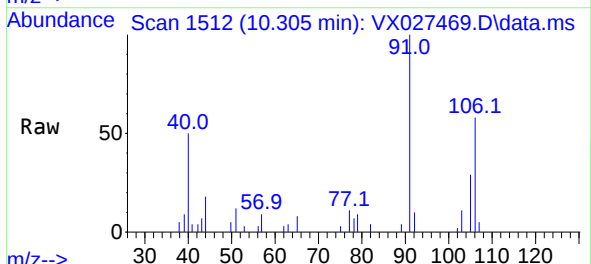
Instrument :
MSVOA_X
ClientSampleId :
PB143354TB

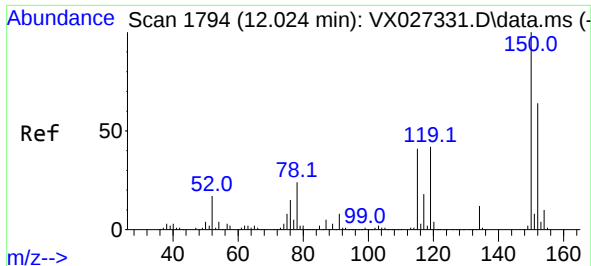
Tgt Ion:117 Resp: 548641
Ion Ratio Lower Upper
117 100
82 55.3 41.8 62.8
119 31.7 24.8 37.2



#68
m/p-Xylenes
Concen: 0.228 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

Tgt Ion:106 Resp: 1779
Ion Ratio Lower Upper
106 100
91 206.9 160.4 240.6

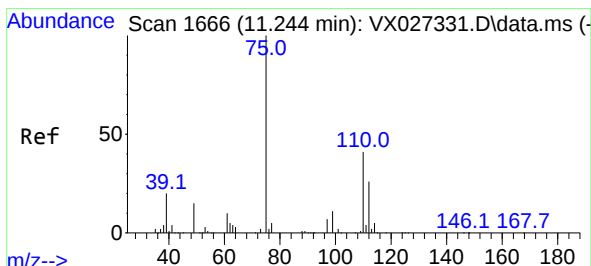
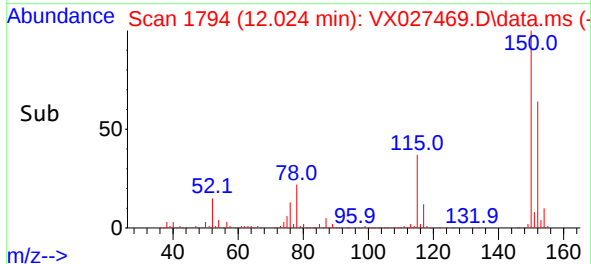
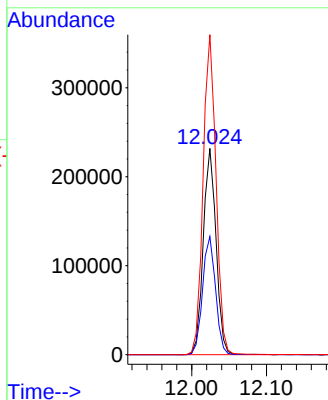
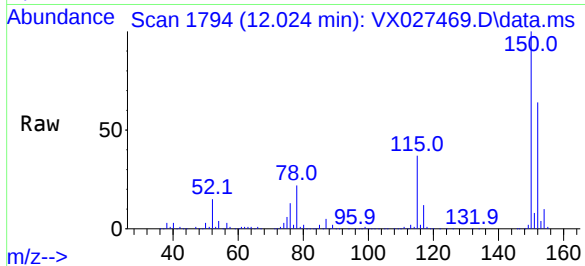




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

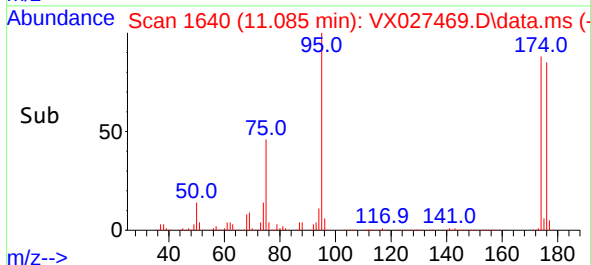
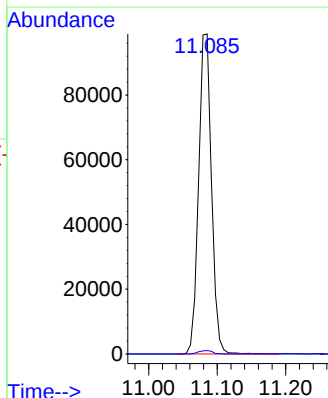
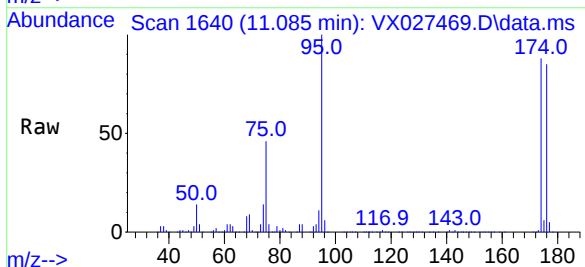
Instrument :
MSVOA_X
ClientSampleId :
PB143354TB

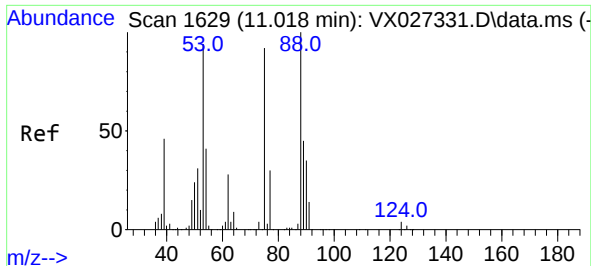
Tgt Ion:152 Resp: 275531
Ion Ratio Lower Upper
152 100
115 58.1 37.5 112.7
150 156.5 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 21.424 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

Tgt Ion: 75 Resp: 129511
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.286 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX027469.D
Acq: 16 Mar 2022 14:29

Instrument :
MSVOA_X
ClientSampleId :
PB143354TB

Tgt Ion: 75 Resp: 129511
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

