

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026597.D
 Acq On : 26 Jan 2022 16:15
 Operator : JC/MD
 Sample : PB142265ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142265ZHE#07

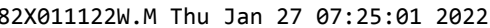
Quant Time: Jan 27 07:24:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	138576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233464	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90322	46.659	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.320%
35) Dibromofluoromethane	5.391	113	71989	47.750	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.500%
50) Toluene-d8	8.653	98	274704	50.563	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.120%
62) 4-Bromofluorobenzene	11.079	95	99626	51.621	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.240%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.129	74	251	0.285	ug/l #	29
10) Methyl Iodide	2.459	142	19	4.456	ug/l #	37
11) Tert butyl alcohol	2.952	59	178	0.661	ug/l #	75
16) Acetone	2.385	43	12952	13.120	ug/l	96
18) Methyl Acetate	2.715	43	820	0.418	ug/l #	83
20) Methylene Chloride	2.794	84	4483	2.749	ug/l	96
25) 2-Butanone	4.574	43	1892	1.474	ug/l	94
31) Cyclohexane	5.556	56	2787	0.976	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10780	4.529	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14605	5.966	ug/l #	17
43) Isopropyl Acetate	6.342	43	14740	3.790	ug/l	99
48) Methyl methacrylate	7.598	41	4305	2.234	ug/l #	16
49) 1,4-Dioxane	7.799	88	84	2.656	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	52798	22.889	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	24289	9.669	ug/l #	56
57) 1,3-Dichloropropane	9.482	76	13736	5.033	ug/l #	43
59) 2-Hexanone	9.482	43	195939	110.981	ug/l #	51
74) N-amyl acetate	10.774	43	622	0.227	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	49647	26.088	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	49647	79.081	ug/l #	3

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

Quant Time: Jan 27 07:24:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

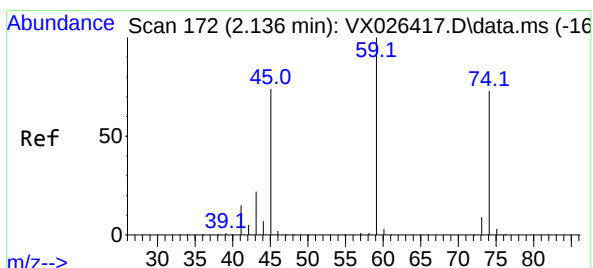
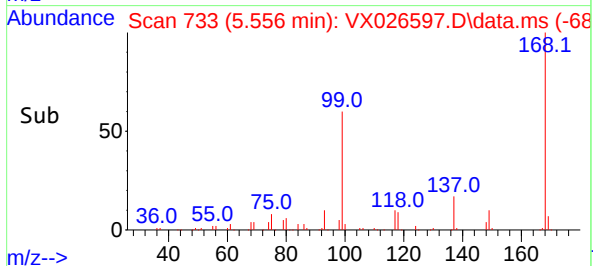
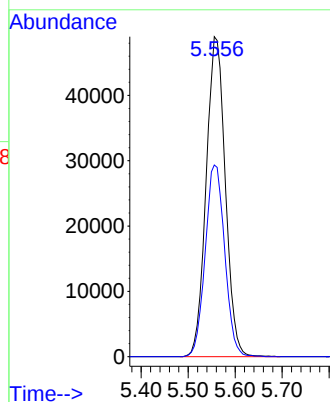
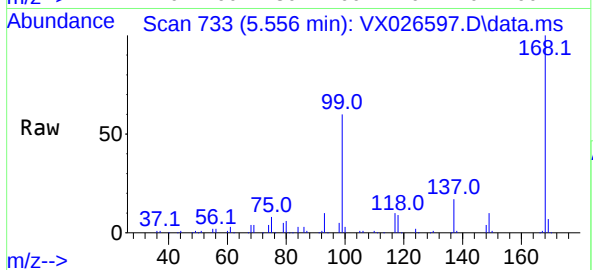




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

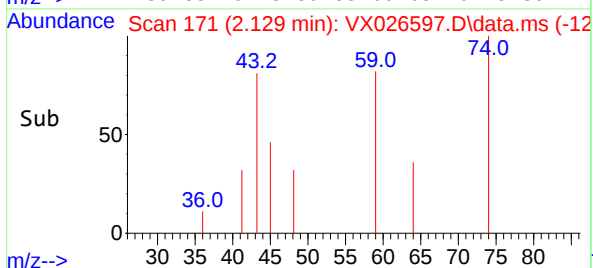
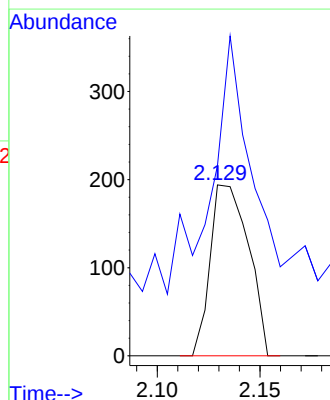
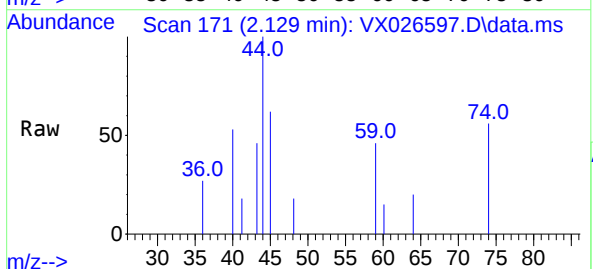
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#07

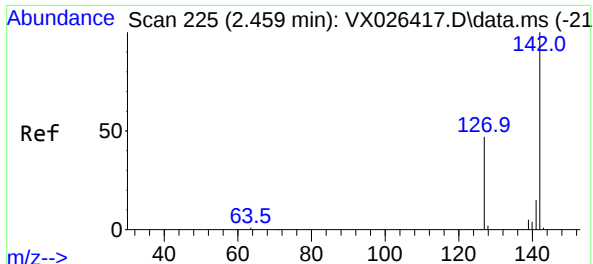
Tgt Ion:168 Resp: 138576
Ion Ratio Lower Upper
168 100
99 59.9 50.3 75.5



#8
Diethyl Ether
Concen: 0.285 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

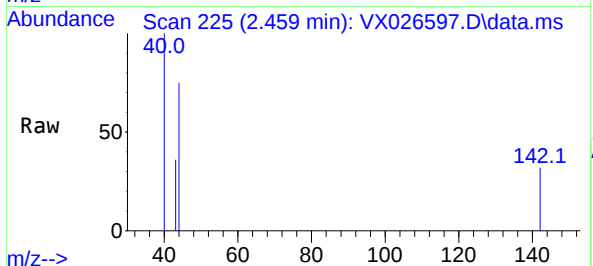
Tgt Ion: 74 Resp: 251
Ion Ratio Lower Upper
74 100
45 172.9 50.7 152.1#





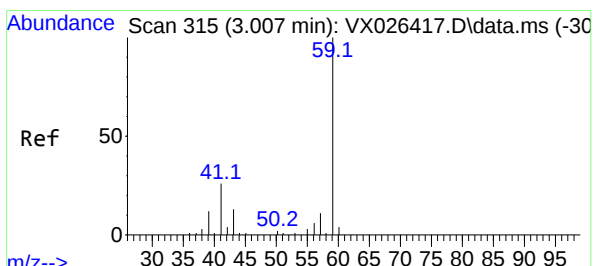
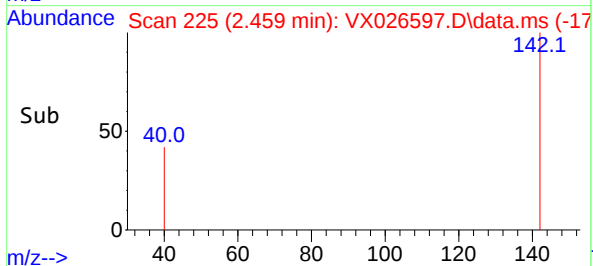
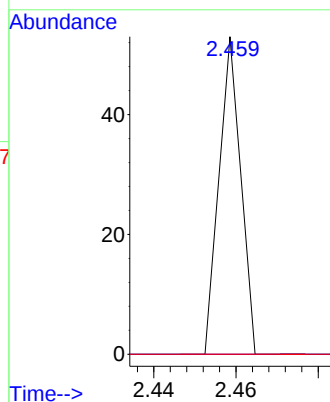
#10
Methyl Iodide
Concen: 4.456 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#07



Tgt Ion:142 Resp: 19

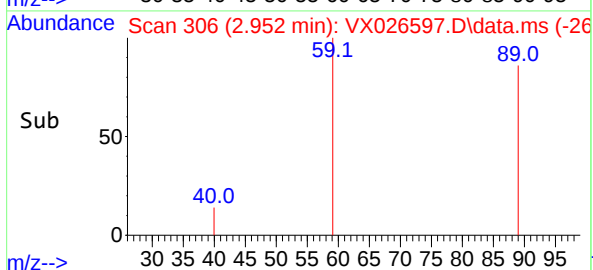
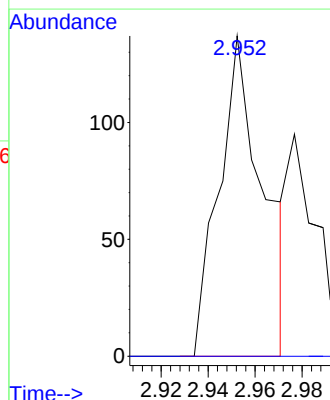
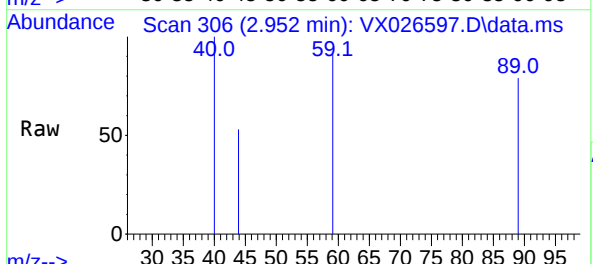
Ion	Ratio	Lower	Upper
142	100		
127	0.0	38.1	57.1#
141	0.0	11.2	16.8#

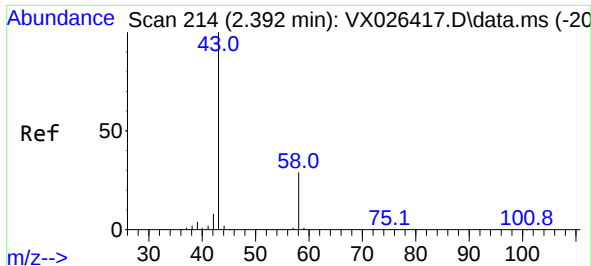


#11
Tert butyl alcohol
Concen: 0.661 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.055 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

Tgt Ion: 59 Resp: 178

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.2	10.8#

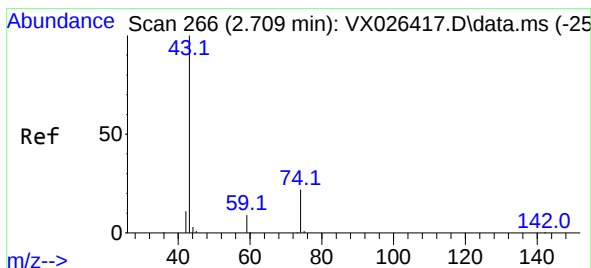
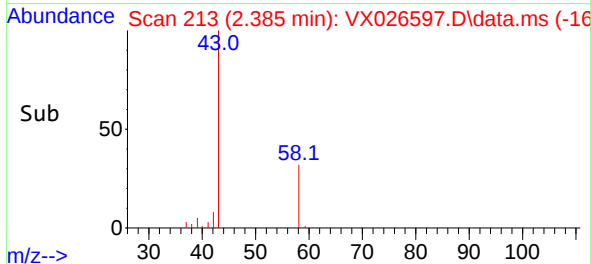
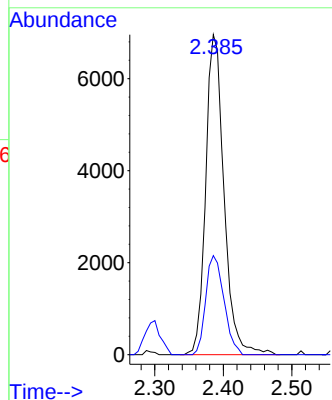
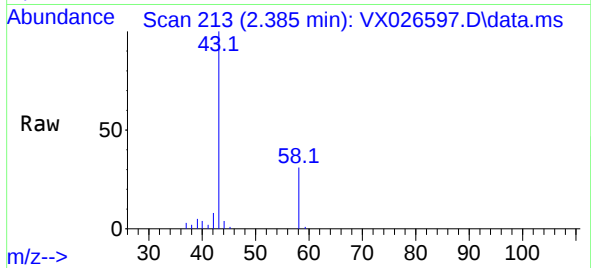




#16
Acetone
Concen: 13.120 ug/l
RT: 2.385 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

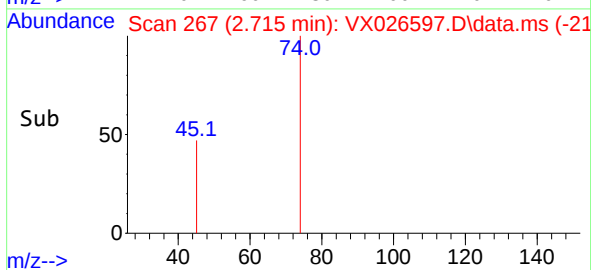
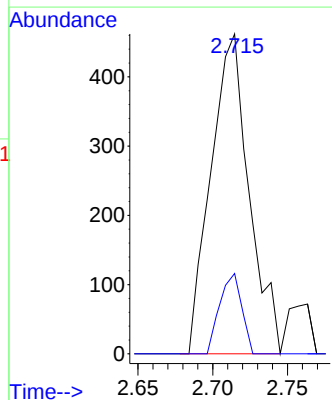
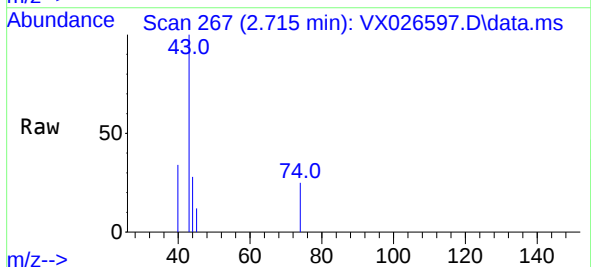
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#07

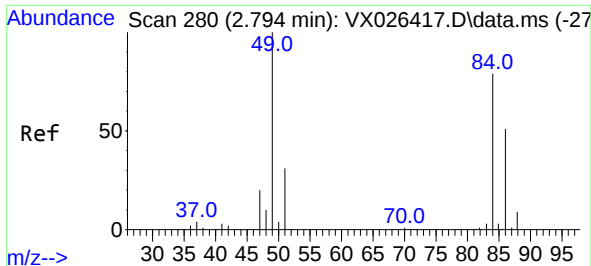
Tgt Ion: 43 Resp: 12952
Ion Ratio Lower Upper
43 100
58 31.0 23.0 34.6



#18
Methyl Acetate
Concen: 0.418 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

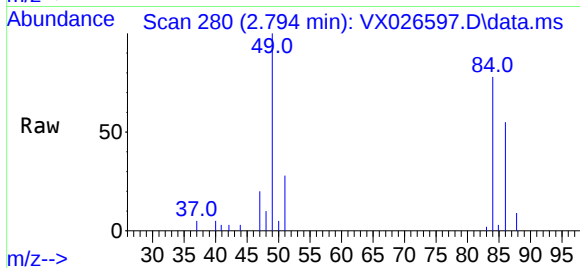
Tgt Ion: 43 Resp: 820
Ion Ratio Lower Upper
43 100
74 14.5 18.3 27.5#





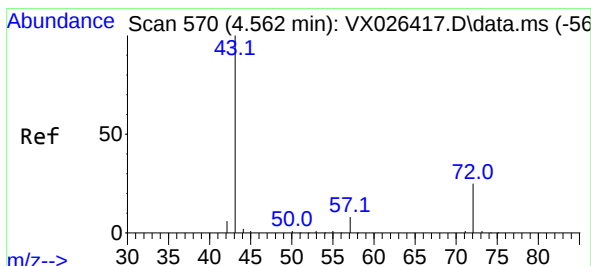
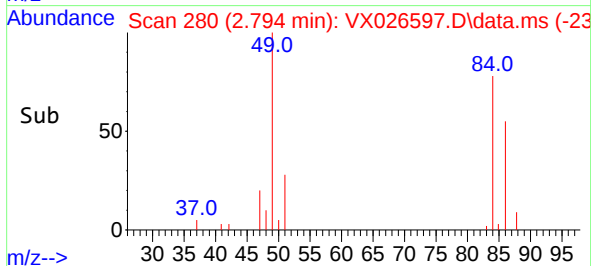
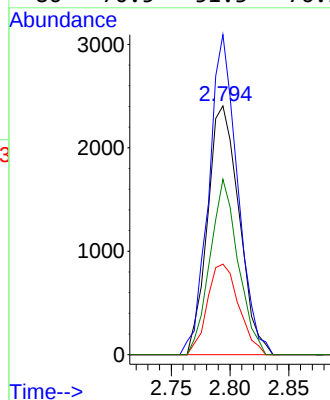
#20
Methylene Chloride
Concen: 2.749 ug/l
RT: 2.794 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#07



Tgt Ion: 84 Resp: 4483

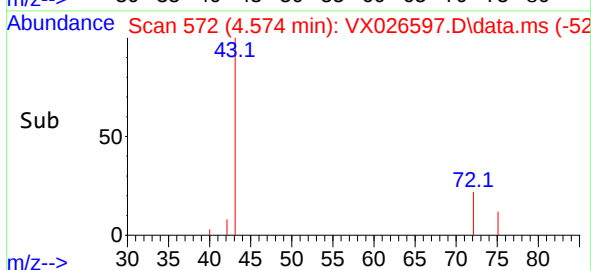
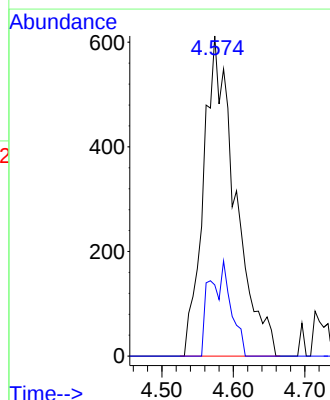
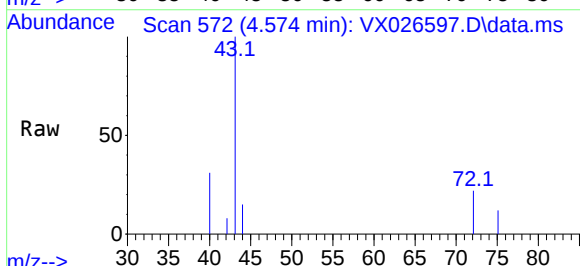
Ion	Ratio	Lower	Upper
84	100		
49	128.6	101.5	152.3
51	36.4	31.2	46.8
86	70.5	51.3	76.9

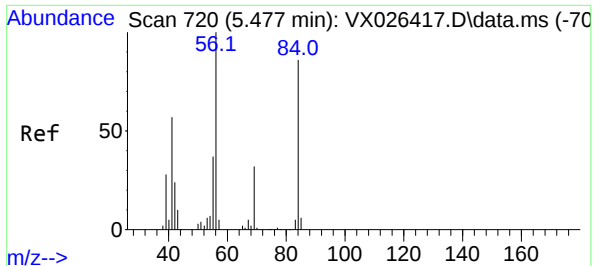


#25
2-Butanone
Concen: 1.474 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

Tgt Ion: 43 Resp: 1892

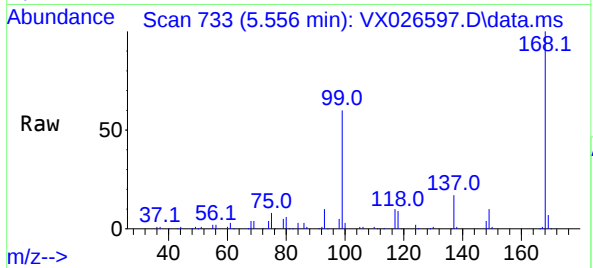
Ion	Ratio	Lower	Upper
43	100		
72	22.2	20.4	30.6



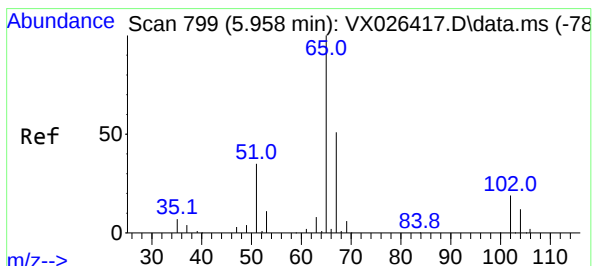
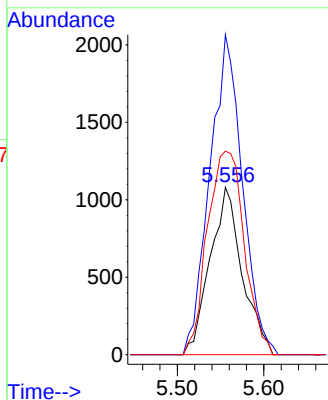
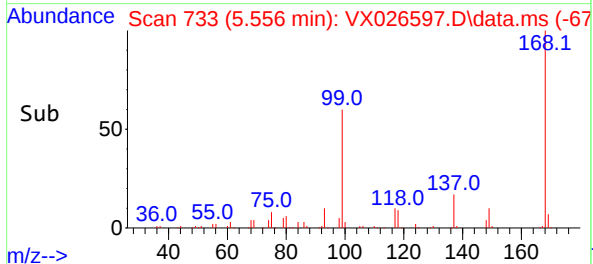


#31
Cyclohexane
Concen: 0.976 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

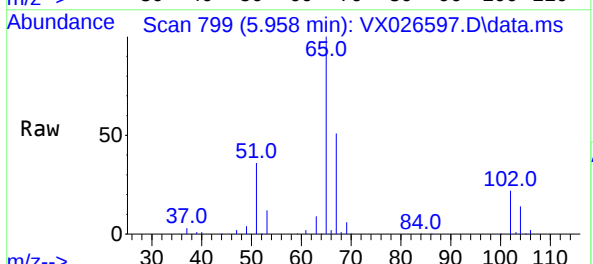
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#07



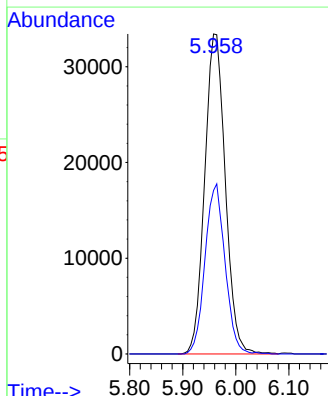
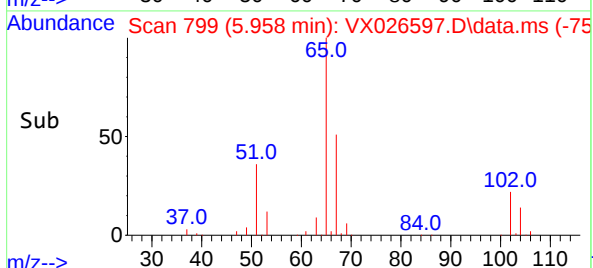
Tgt Ion: 56 Resp: 2787
Ion Ratio Lower Upper
56 100
69 191.1 25.8 38.6#
84 121.6 68.9 103.3#

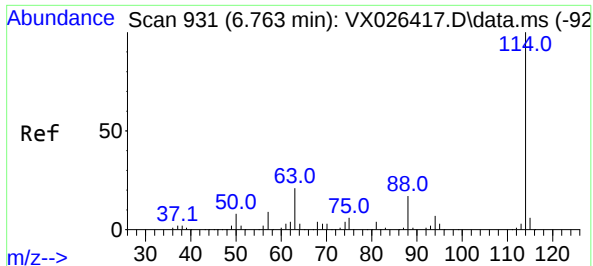


#33
1,2-Dichloroethane-d4
Concen: 46.659 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15



Tgt Ion: 65 Resp: 90322
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.8

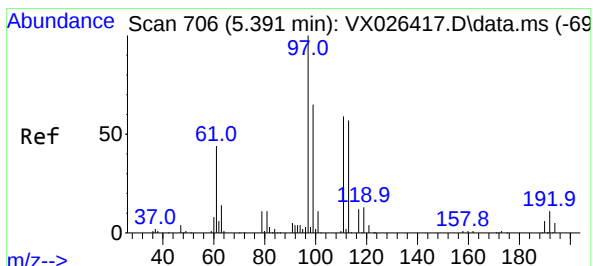
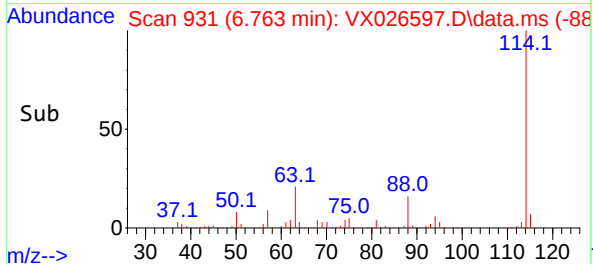
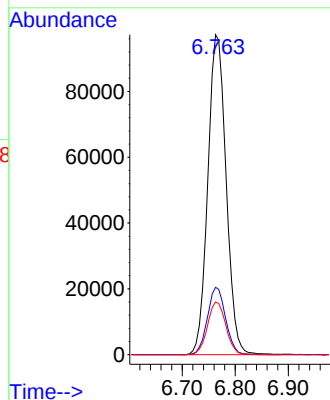
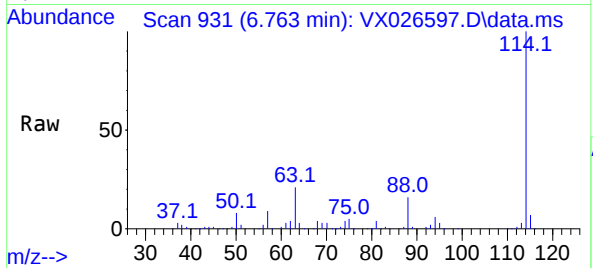




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

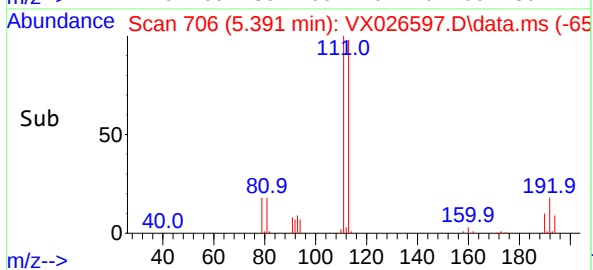
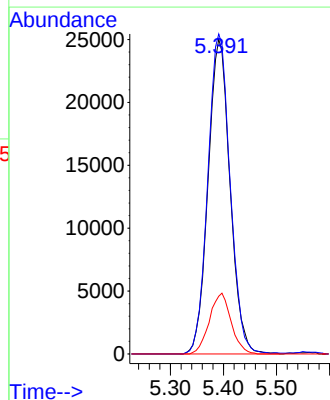
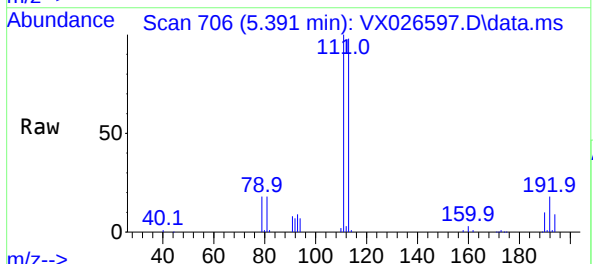
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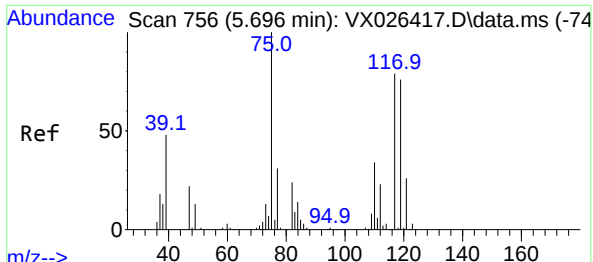
Tgt Ion:114 Resp: 233464
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.8
88 16.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.750 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

Tgt Ion:113 Resp: 71989
Ion Ratio Lower Upper
113 100
111 102.8 81.2 121.8
192 19.1 15.0 22.4

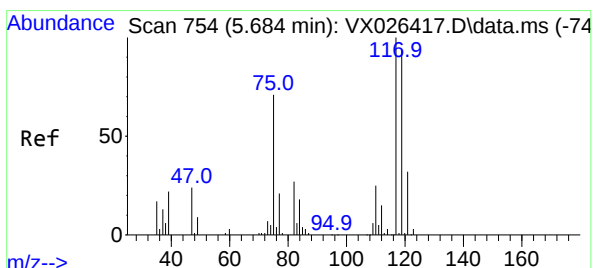
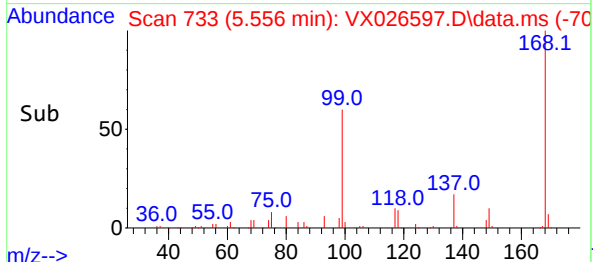
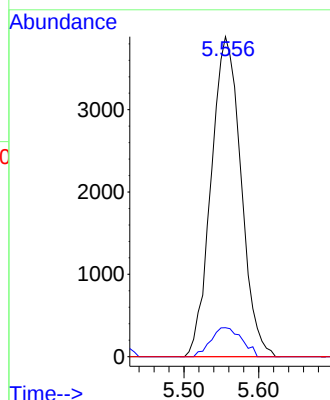
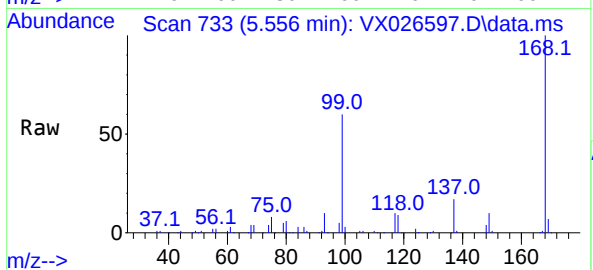




#36
1,1-Dichloropropene
Concen: 4.529 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

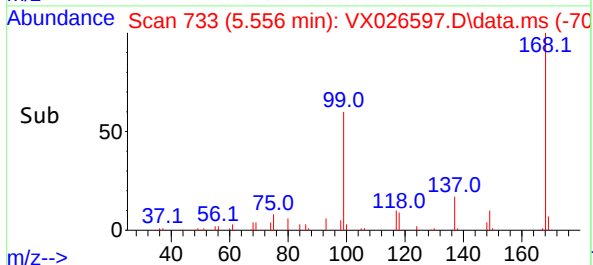
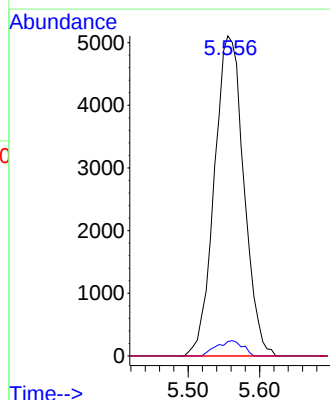
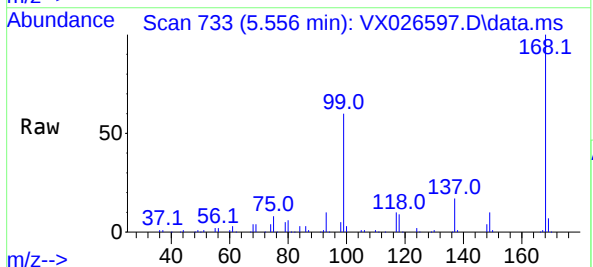
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#07

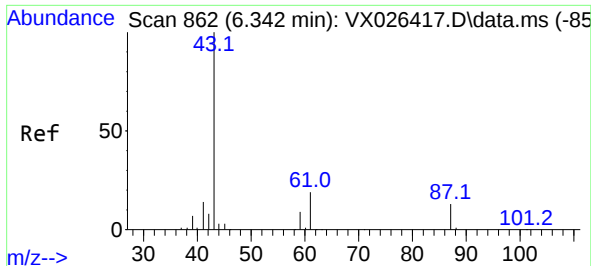
Tgt Ion: 75 Resp: 10780
Ion Ratio Lower Upper
75 100
110 9.4 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.966 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

Tgt Ion: 117 Resp: 14605
Ion Ratio Lower Upper
117 100
119 4.5 74.7 112.1#
121 0.0 25.4 38.0#

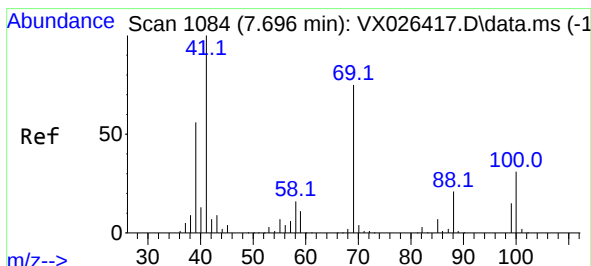
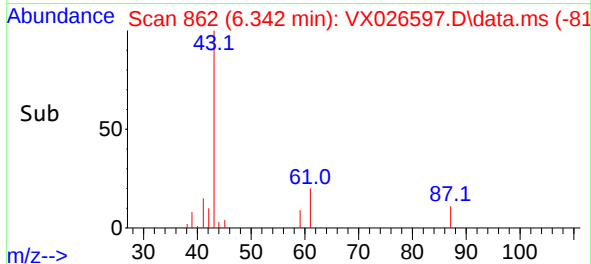
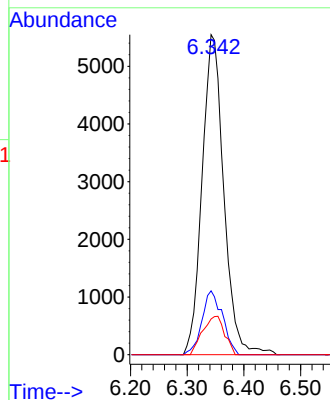
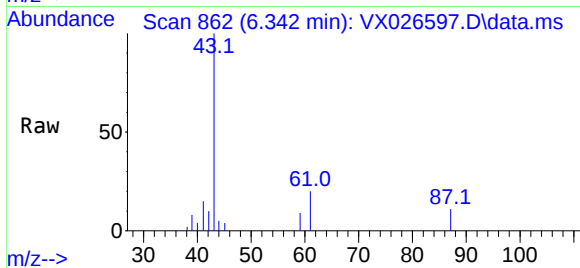




#43
Isopropyl Acetate
Concen: 3.790 ug/l
RT: 6.342 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

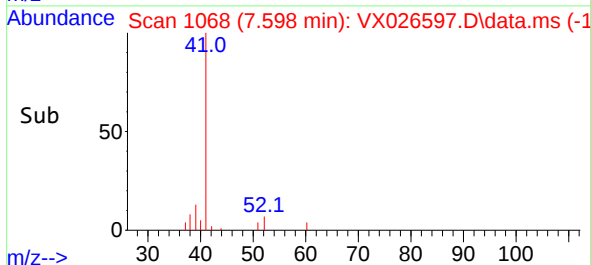
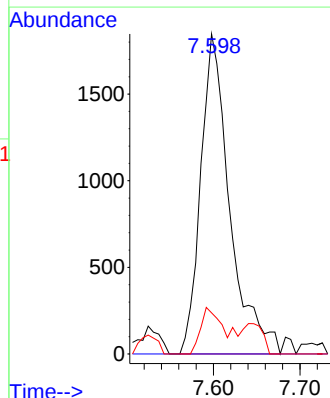
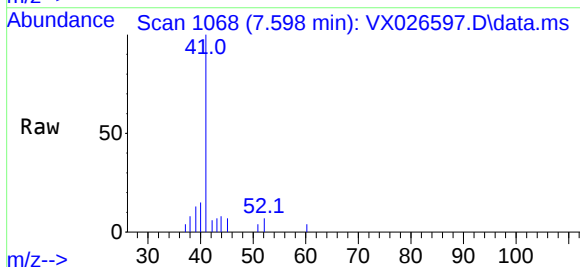
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#07

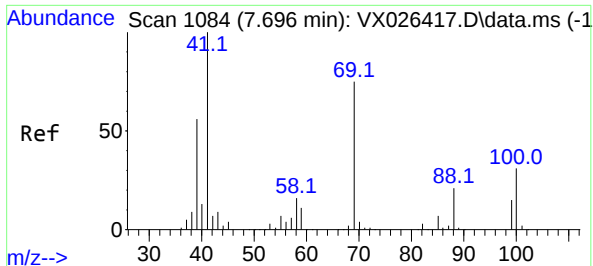
Tgt Ion:	43	Resp:	14740
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.4	23.0
87	12.1	10.2	15.2



#48
Methyl methacrylate
Concen: 2.234 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

Tgt Ion:	41	Resp:	4305
Ion	Ratio	Lower	Upper
41	100		
69	0.0	62.2	93.4#
39	0.0	45.4	68.0#

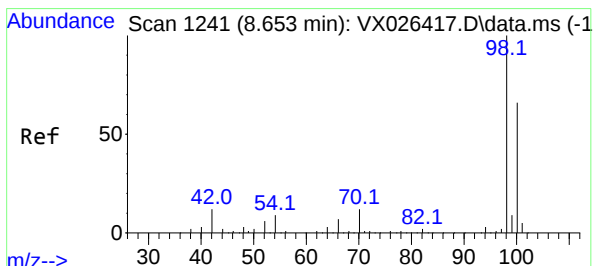
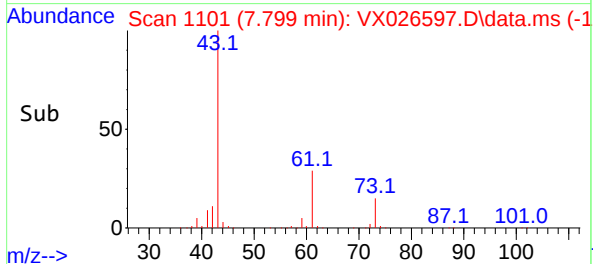
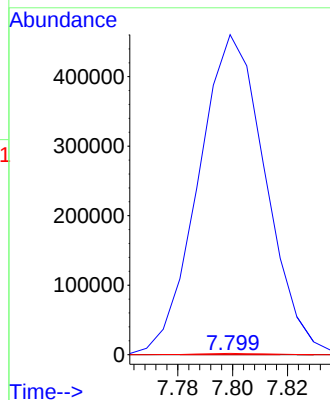
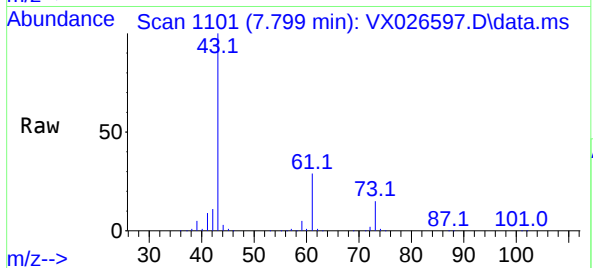




#49
1,4-Dioxane
Concen: 2.656 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

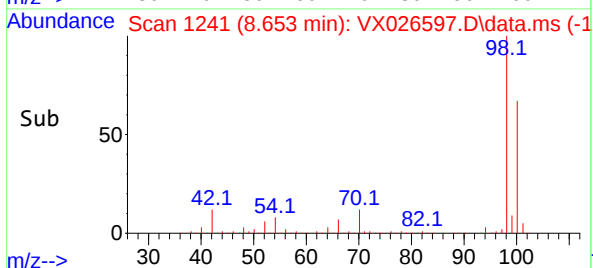
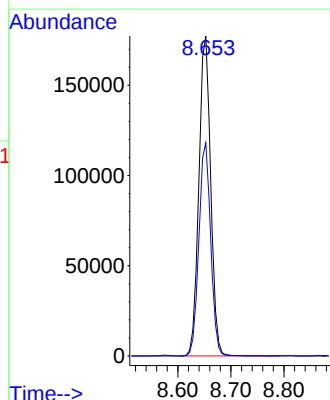
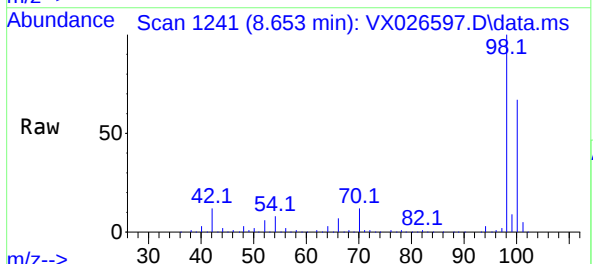
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#07

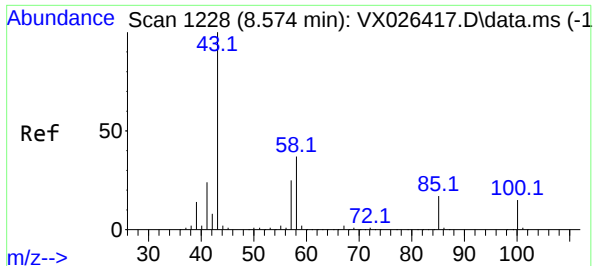
Tgt Ion: 88 Resp: 84
Ion Ratio Lower Upper
88 100
43 941677.4 29.9 44.9#
58 3546.4 57.8 86.6#



#50
Toluene-d8
Concen: 50.563 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

Tgt Ion: 98 Resp: 274704
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 22.889 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.025 min

Lab File: VX026597.D

Acq: 26 Jan 2022 16:15

Instrument :

MSVOA_X

ClientSampleId :

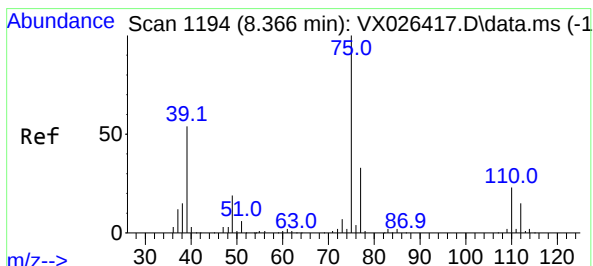
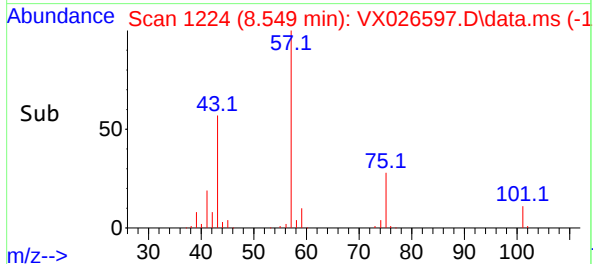
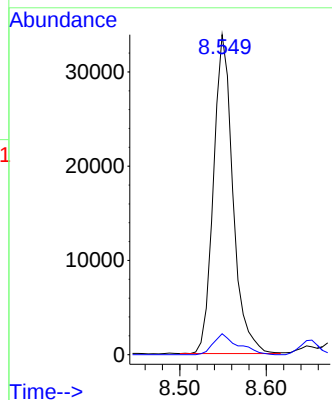
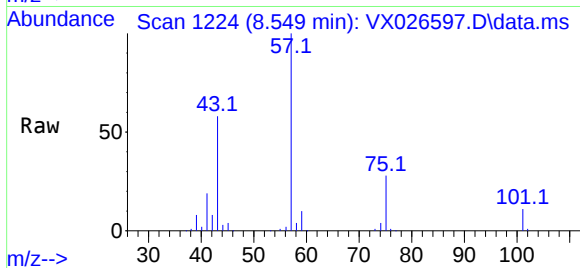
PB142265ZHE#07

Tgt Ion: 43 Resp: 52798

Ion Ratio Lower Upper

43 100

58 8.2 30.5 45.7#



#54

cis-1,3-Dichloropropene

Concen: 9.669 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX026597.D

Acq: 26 Jan 2022 16:15

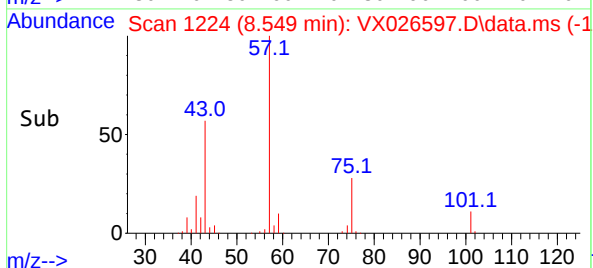
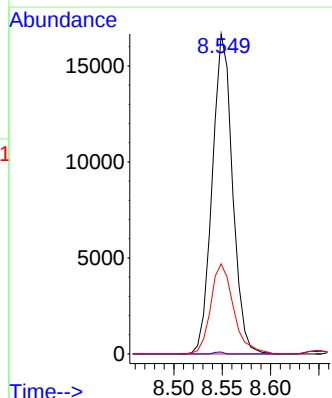
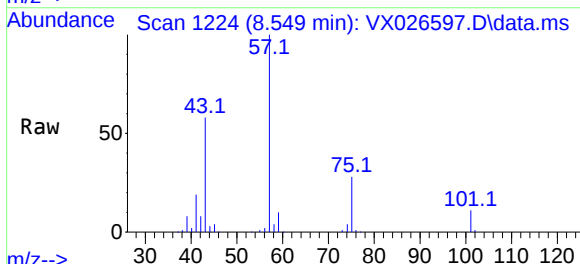
Tgt Ion: 75 Resp: 24289

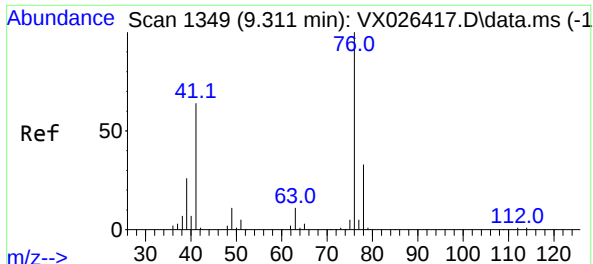
Ion Ratio Lower Upper

75 100

77 0.6 26.2 39.2#

39 28.2 43.5 65.3#

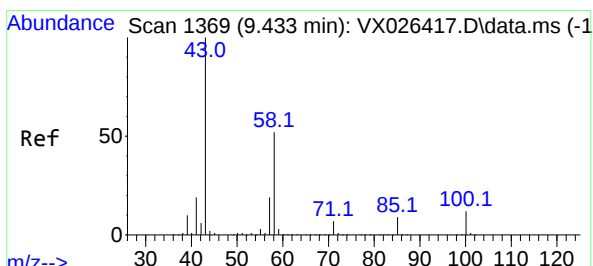
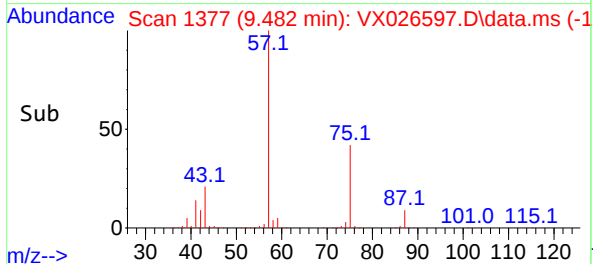
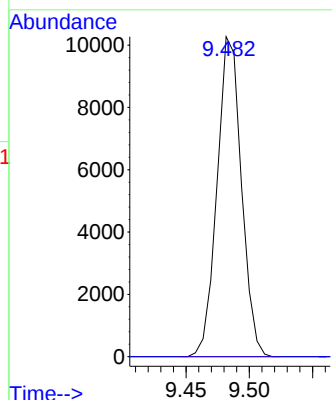
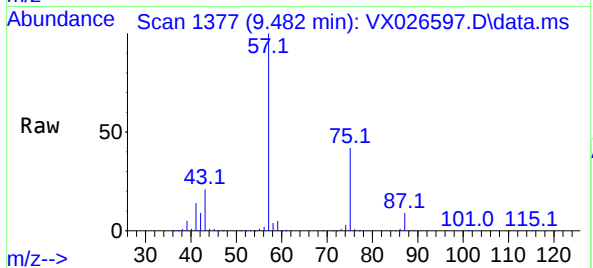




#57
1,3-Dichloropropane
Concen: 5.033 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.170 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

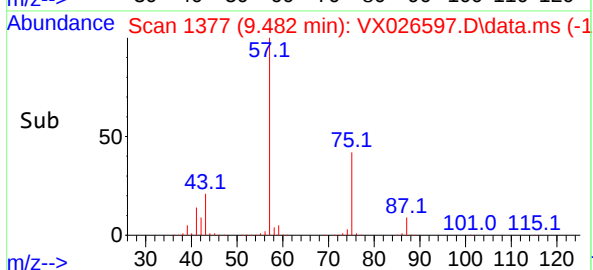
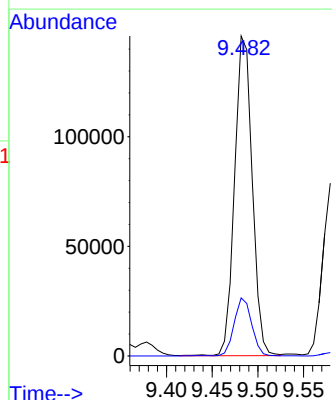
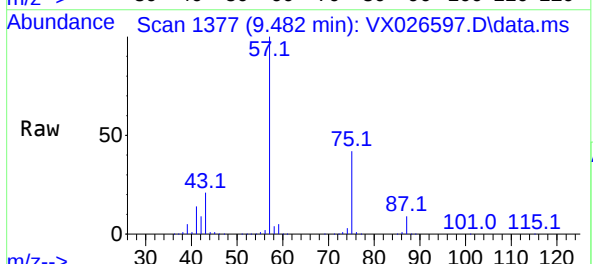
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#07

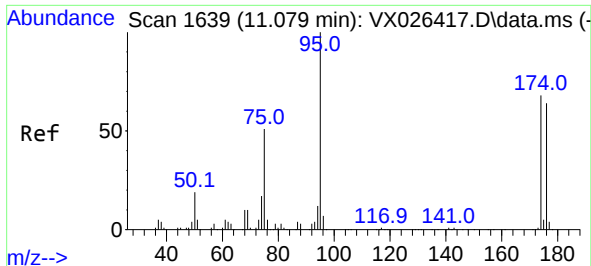
Tgt Ion: 76 Resp: 13736
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 110.981 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

Tgt Ion: 43 Resp: 195939
Ion Ratio Lower Upper
43 100
58 18.0 26.4 79.2#

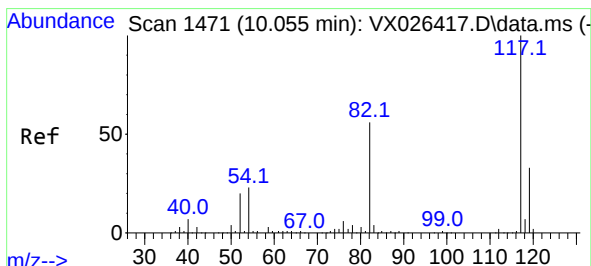
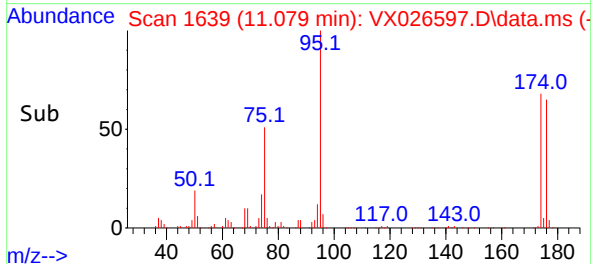
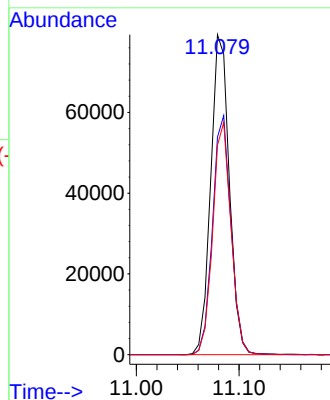
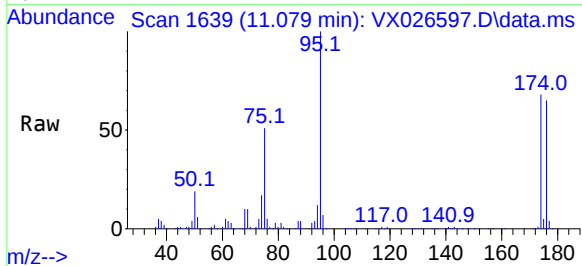




#62
4-Bromofluorobenzene
Concen: 51.621 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

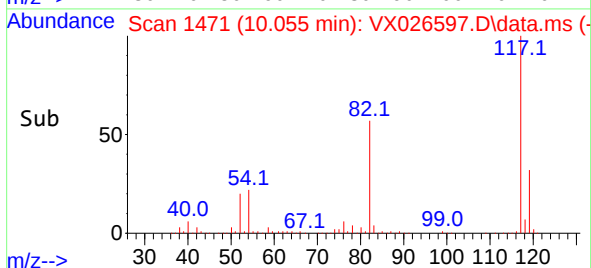
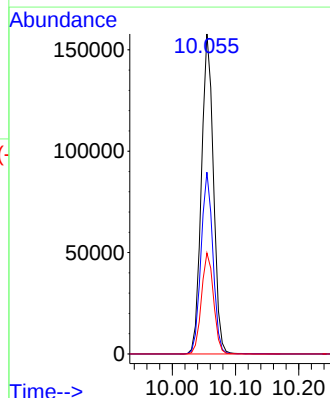
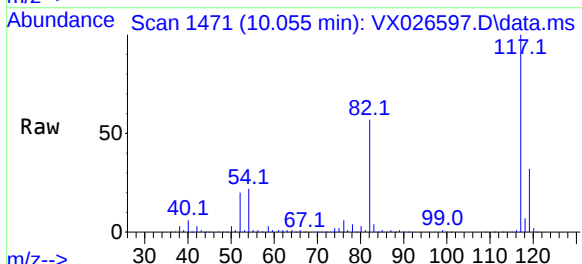
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#07

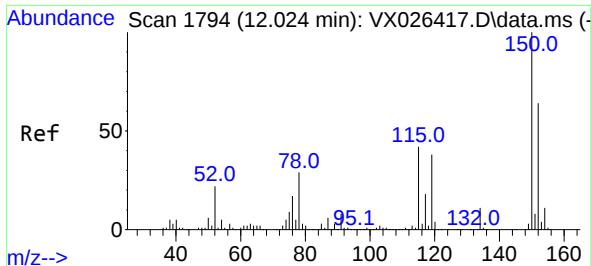
Tgt Ion: 95 Resp: 99626
Ion Ratio Lower Upper
95 100
174 73.9 0.0 148.6
176 71.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

Tgt Ion: 117 Resp: 208856
Ion Ratio Lower Upper
117 100
82 56.8 45.2 67.8
119 31.6 26.2 39.2

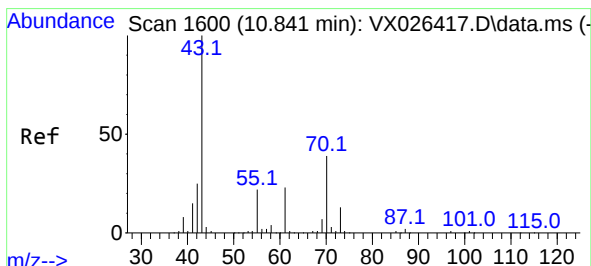
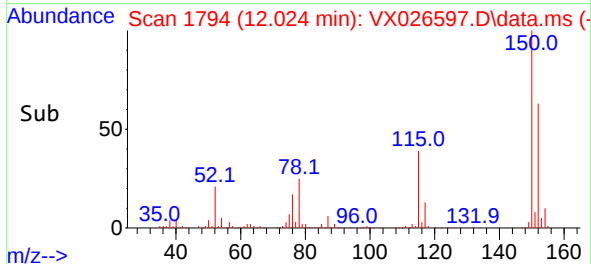
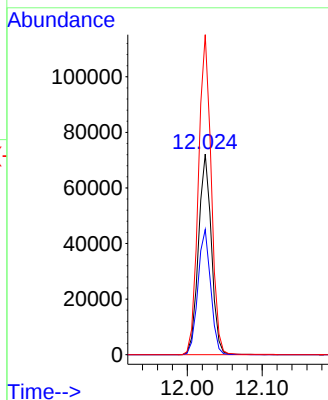
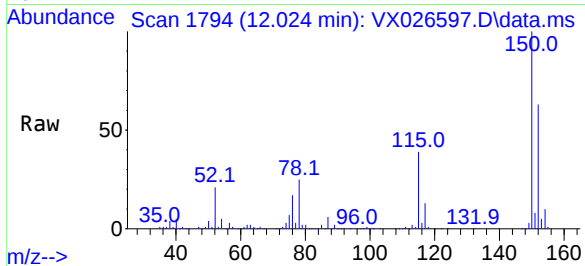




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

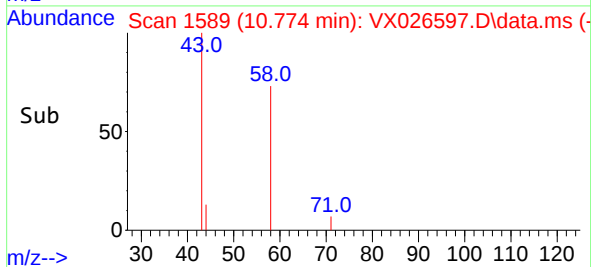
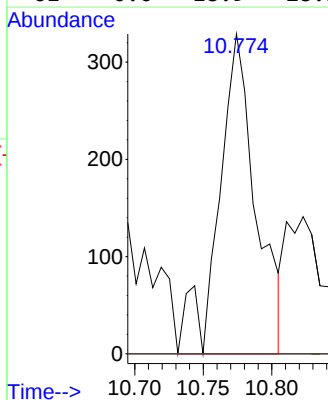
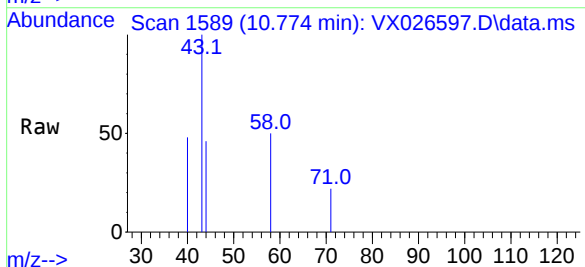
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#07

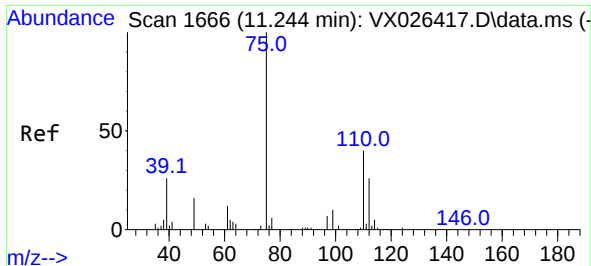
Tgt Ion:152 Resp: 86433
Ion Ratio Lower Upper
152 100
115 61.7 44.2 132.6
150 158.2 0.0 348.2



#74
N-ethyl acetate
Concen: 0.227 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.067 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

Tgt Ion: 43 Resp: 622
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 0.0 18.3 27.5#
61 0.0 18.9 28.3#

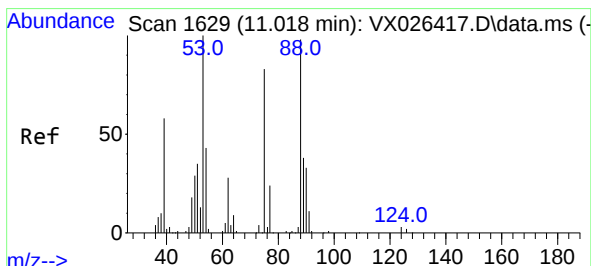
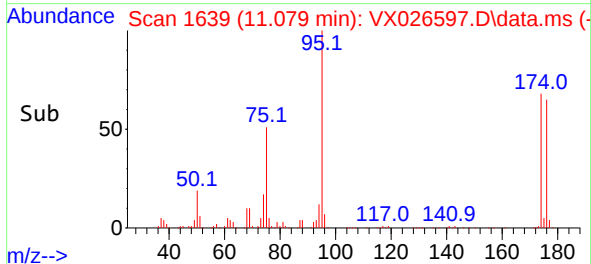
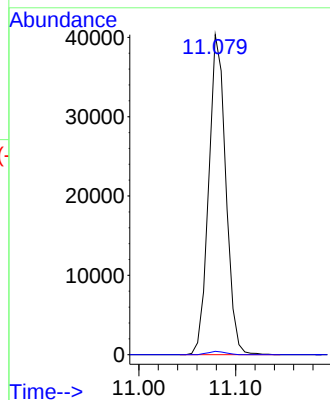
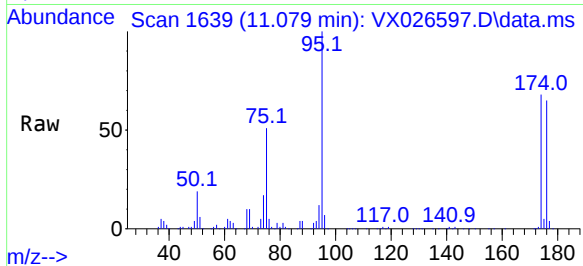




#76
1,2,3-Trichloropropane
Concen: 26.088 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#07

Tgt Ion: 75 Resp: 49647
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.081 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026597.D
Acq: 26 Jan 2022 16:15

Tgt Ion: 75 Resp: 49647
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

