

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102622\
 Data File : VX032407.D
 Acq On : 26 Oct 2022 16:11
 Operator : JC/MD
 Sample : VX1026WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBL01

Quant Time: Oct 27 08:32:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

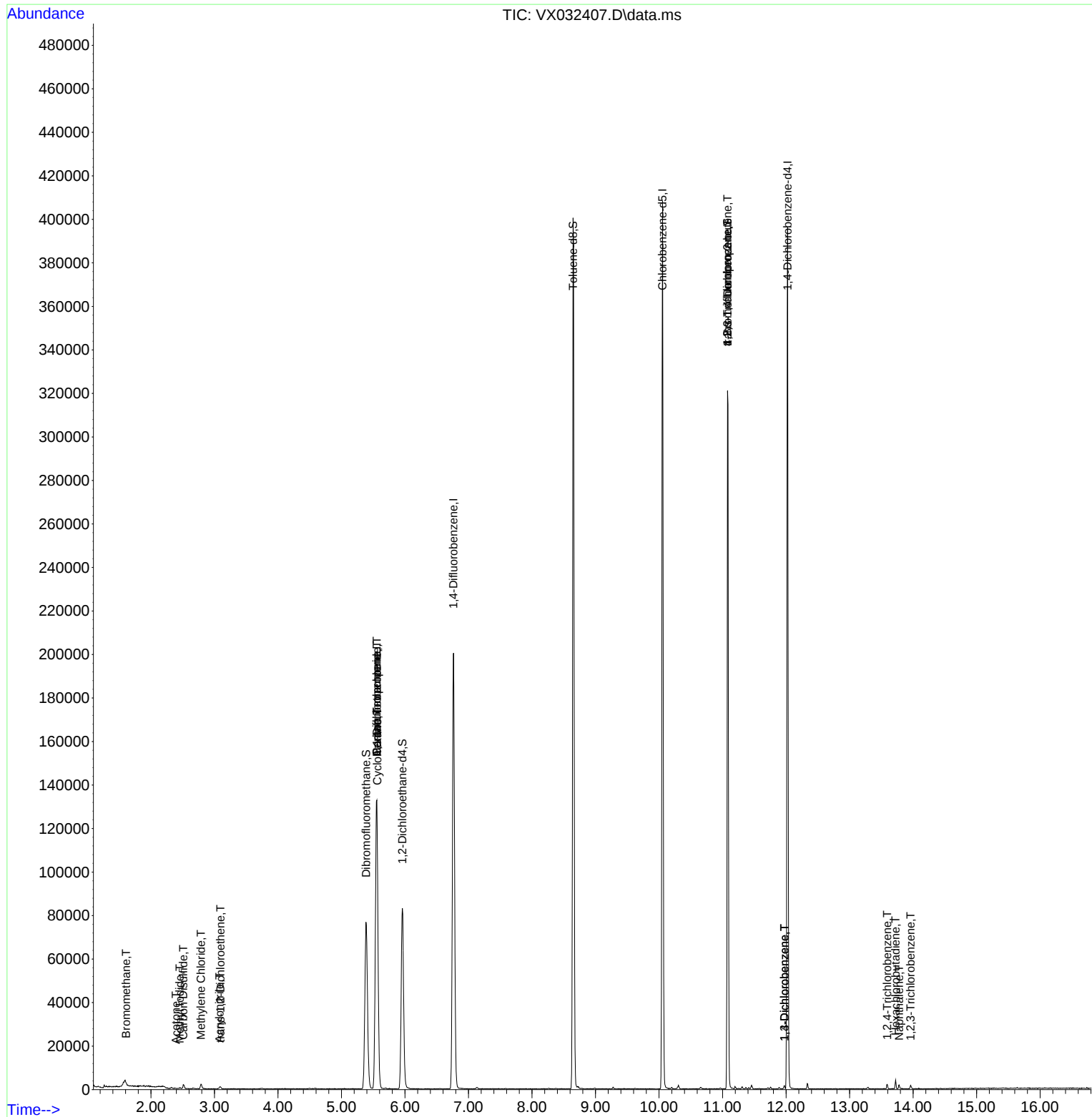
Internal Standards						
1) Pentafluorobenzene	5.556	168	126333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200969	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82646	47.082	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.160%		
35) Dibromofluoromethane	5.385	113	65120	45.426	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.860%		
50) Toluene-d8	8.647	98	237288	47.603	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.200%		
62) 4-Bromofluorobenzene	11.079	95	82981	42.617	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.240%		
Target Compounds						Qvalue
5) Bromomethane	1.605	94	390	0.360	ug/l #	42
10) Methyl Iodide	2.453	142	399	2.171	ug/l #	88
15) Acrylonitrile	3.081	53	364	0.525	ug/l #	82
16) Acetone	2.392	43	351	0.550	ug/l #	45
17) Carbon Disulfide	2.508	76	2394	0.793	ug/l #	91
20) Methylene Chloride	2.788	84	1053	0.720	ug/l #	96
21) trans-1,2-Dichloroethene	3.093	96	389	0.282	ug/l #	87
31) Cyclohexane	5.562	56	2813	1.322	ug/l #	37
36) 1,1-Dichloropropene	5.556	75	10049	5.034	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13126	5.928	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	45367	25.114	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	45367	79.913	ug/l #	6
87) 1,3-Dichlorobenzene	11.975	146	626	0.210	ug/l	82
88) 1,4-Dichlorobenzene	11.975	146	626	0.203	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	655	0.342	ug/l	96
94) Hexachlorobutadiene	13.725	225	691	0.865	ug/l	80
95) Naphthalene	13.780	128	1689	0.265	ug/l #	90
96) 1,2,3-Trichlorobenzene	13.963	180	603	0.310	ug/l	98

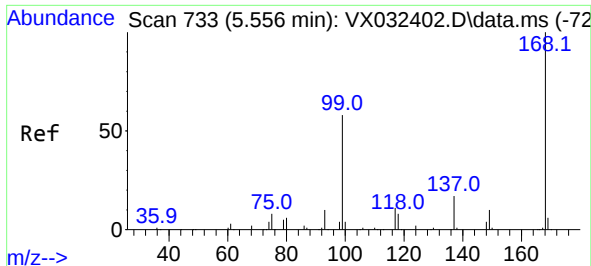
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Oct 27 08:32:28 2022
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Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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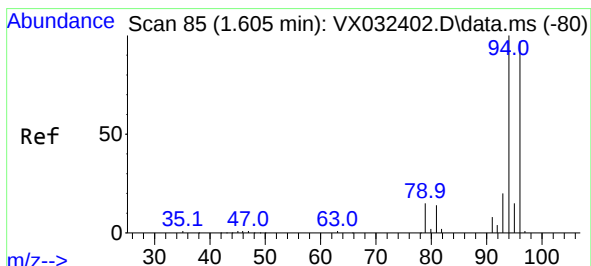
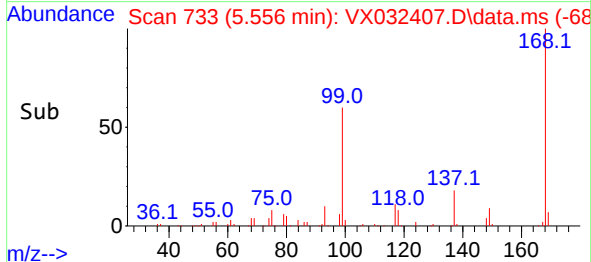
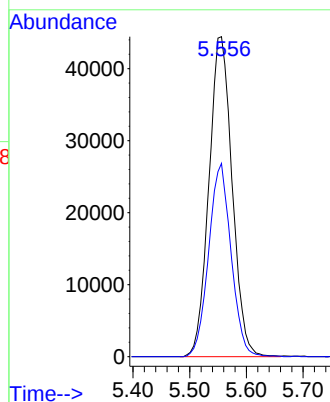
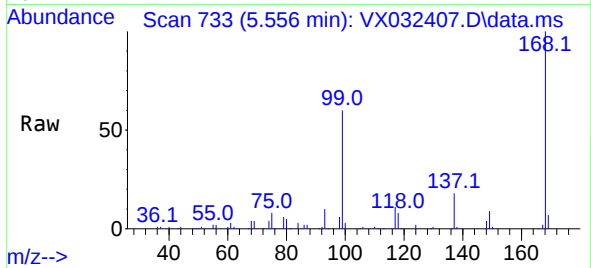




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

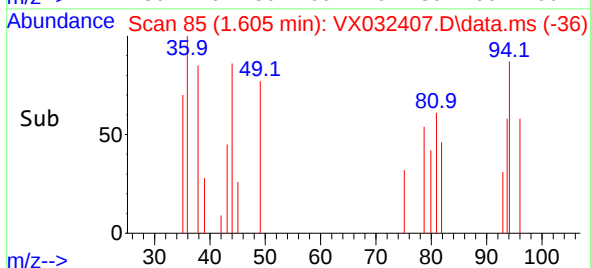
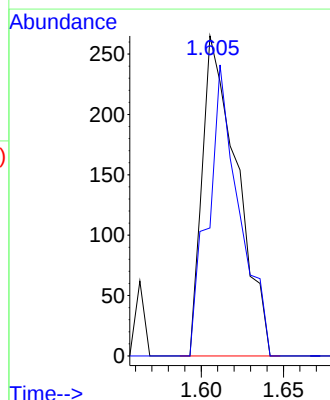
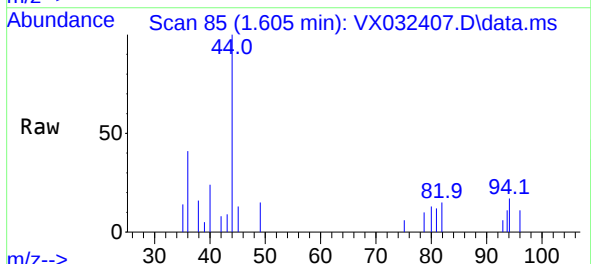
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBL01

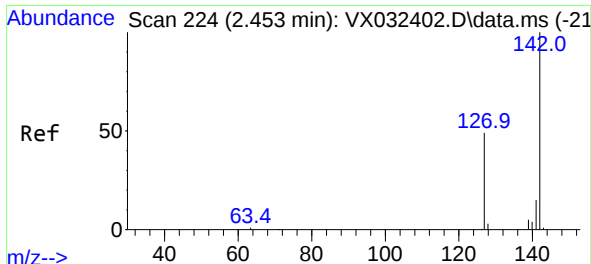
Tgt Ion:168 Resp: 126333
Ion Ratio Lower Upper
168 100
99 60.4 46.1 69.1



#5
Bromomethane
Concen: 0.360 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.000 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

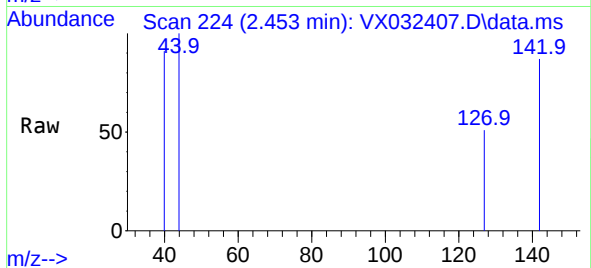
Tgt Ion: 94 Resp: 390
Ion Ratio Lower Upper
94 100
96 40.0 77.6 116.4#



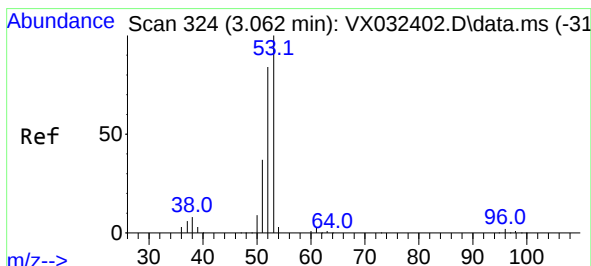
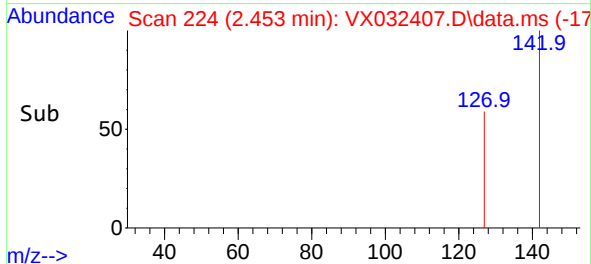
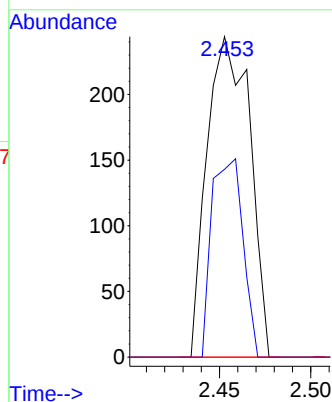


#10
Methyl Iodide
Concen: 2.171 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBL01

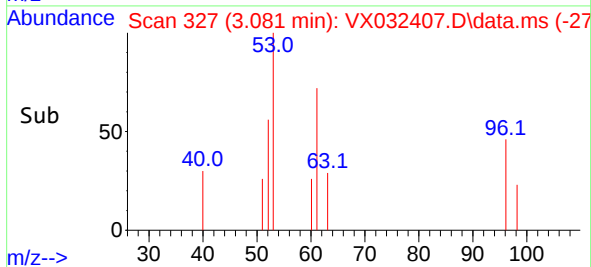
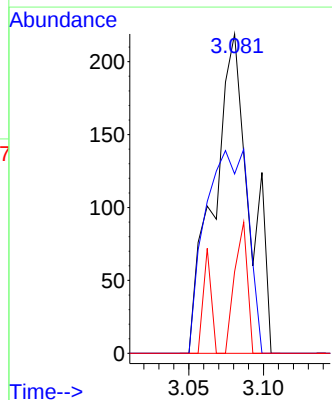
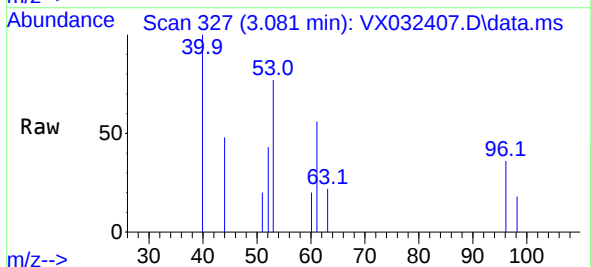


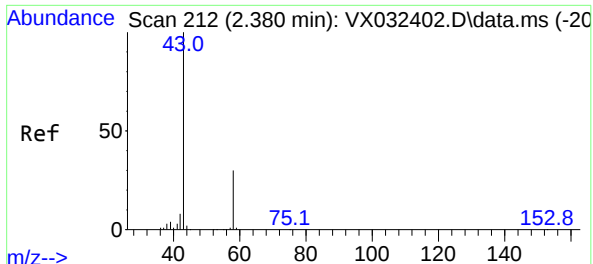
Tgt Ion:142 Resp: 399
Ion Ratio Lower Upper
142 100
127 45.1 38.6 57.8
141 0.0 11.4 17.2#



#15
Acrylonitrile
Concen: 0.525 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.018 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

Tgt Ion: 53 Resp: 364
Ion Ratio Lower Upper
53 100
52 76.6 67.4 101.0
51 14.6 30.3 45.5#

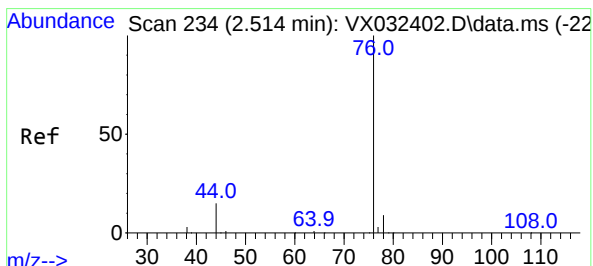
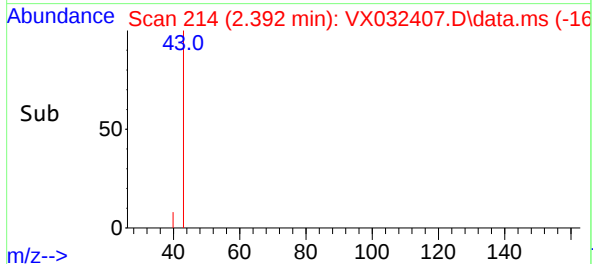
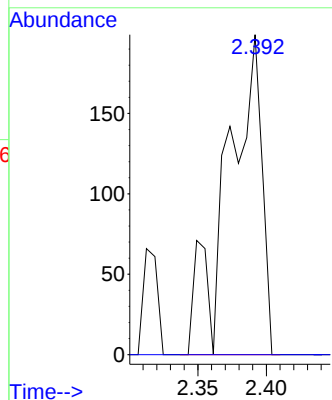
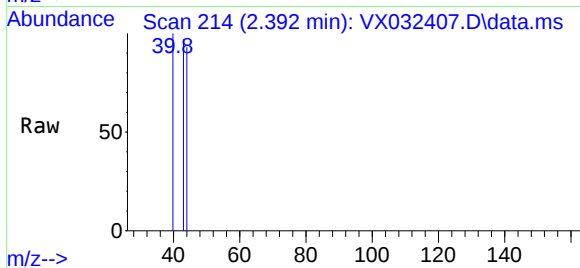




#16
Acetone
Concen: 0.550 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

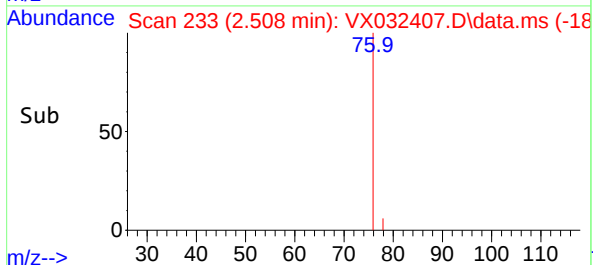
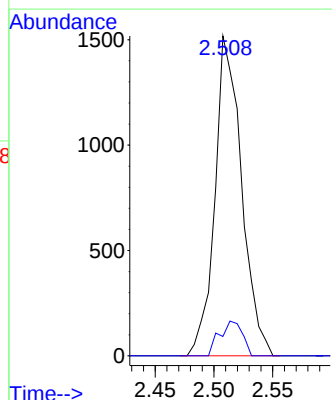
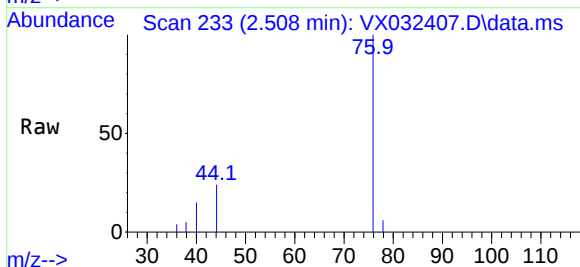
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBL01

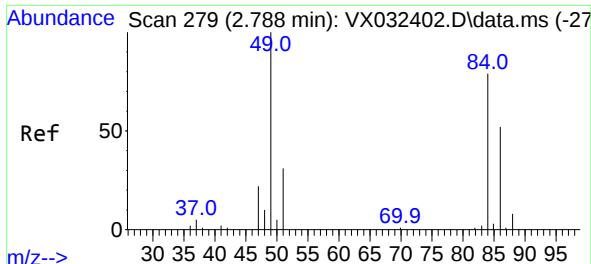
Tgt Ion: 43 Resp: 351
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.793 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

Tgt Ion: 76 Resp: 2394
Ion Ratio Lower Upper
76 100
78 6.1 7.5 11.3#



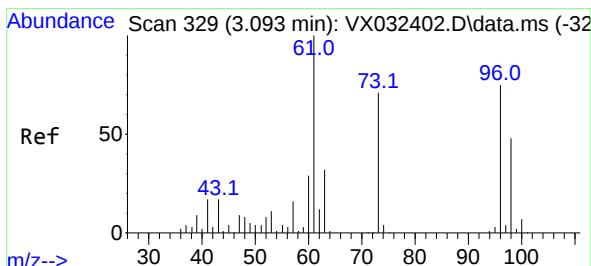
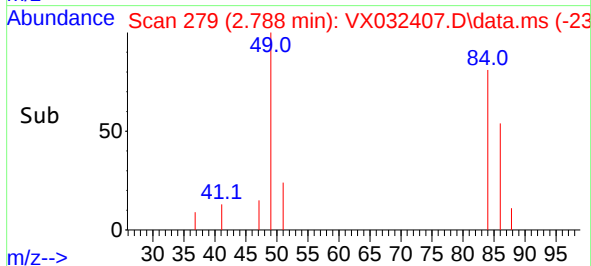
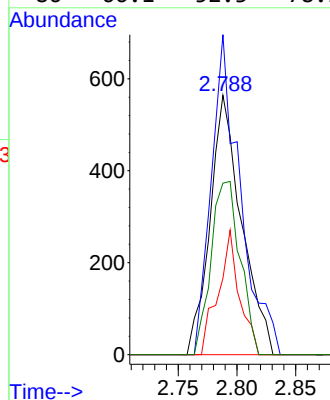
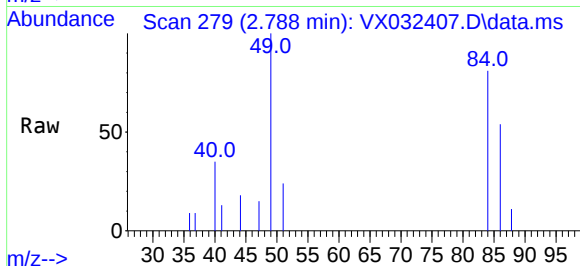


#20
Methylene Chloride
Concen: 0.720 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBL01

Tgt Ion: 84 Resp: 1053

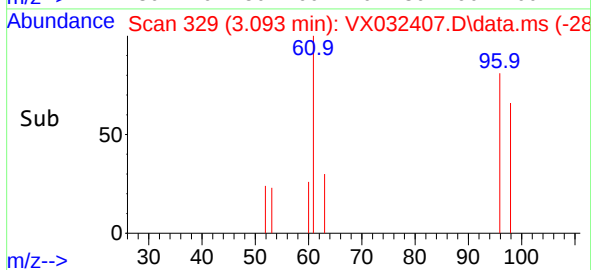
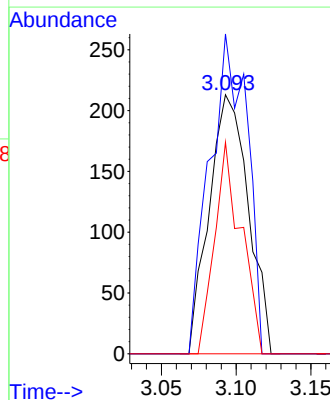
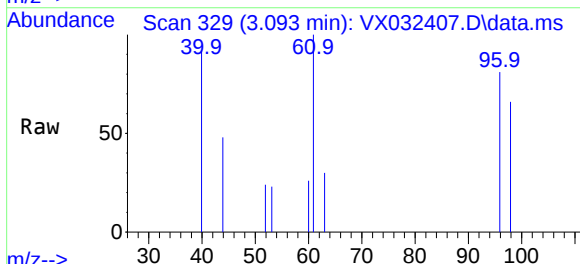
Ion	Ratio	Lower	Upper
84	100		
49	123.4	101.0	151.6
51	29.4	31.1	46.7#
86	66.1	52.3	78.5

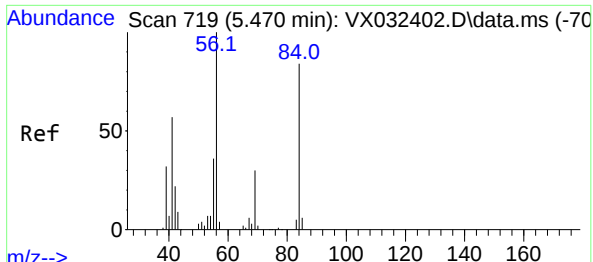


#21
trans-1,2-Dichloroethene
Concen: 0.282 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

Tgt Ion: 96 Resp: 389

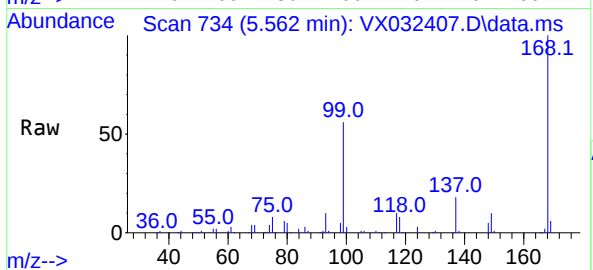
Ion	Ratio	Lower	Upper
96	100		
61	123.5	106.6	160.0
98	81.7	51.0	76.6#



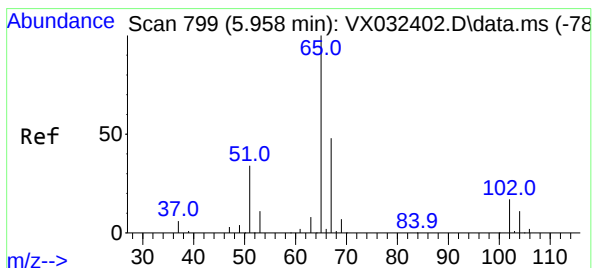
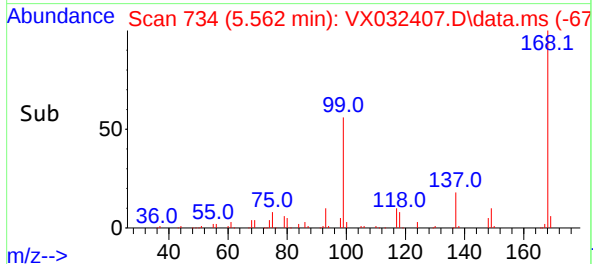
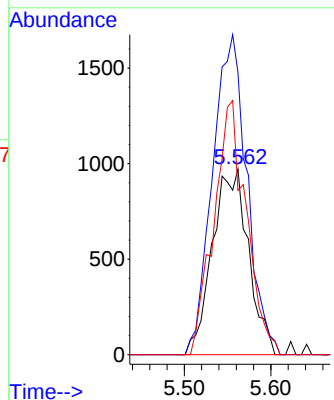


#31
Cyclohexane
Concen: 1.322 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBL01

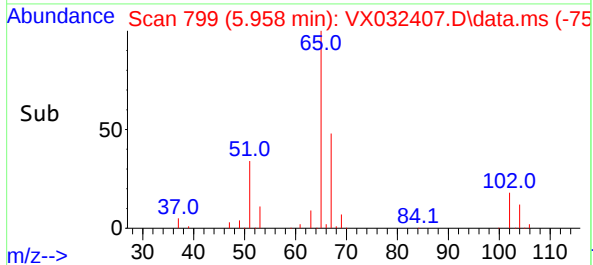
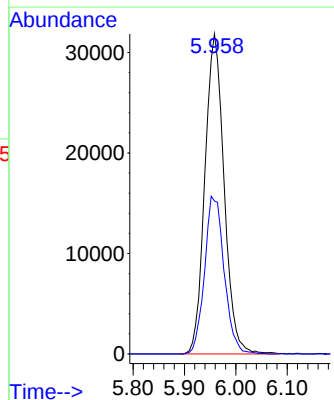
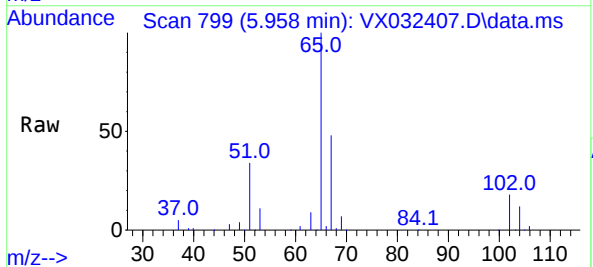


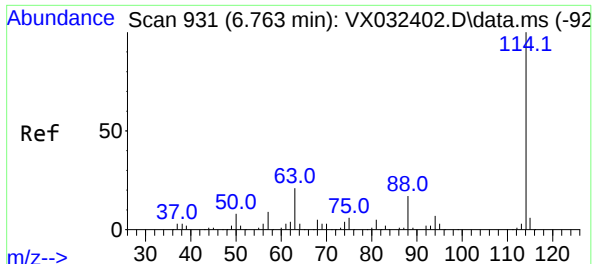
Tgt Ion: 56 Resp: 2813
Ion Ratio Lower Upper
56 100
69 152.0 24.1 36.1#
84 88.5 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 47.082 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

Tgt Ion: 65 Resp: 82646
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.8

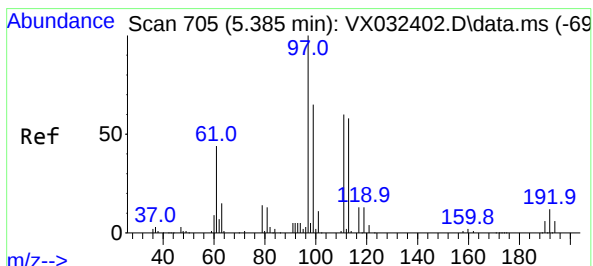
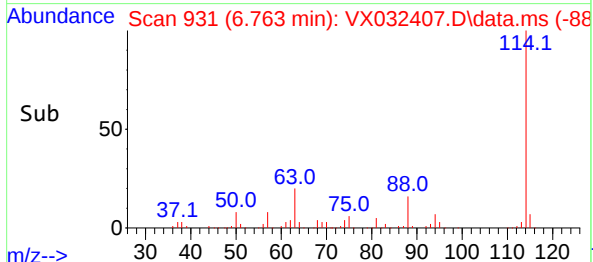
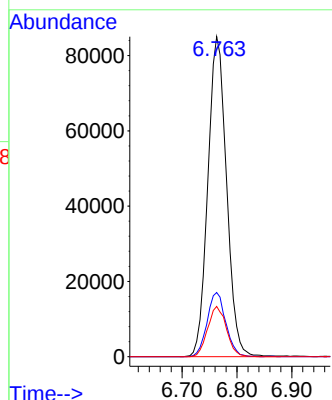
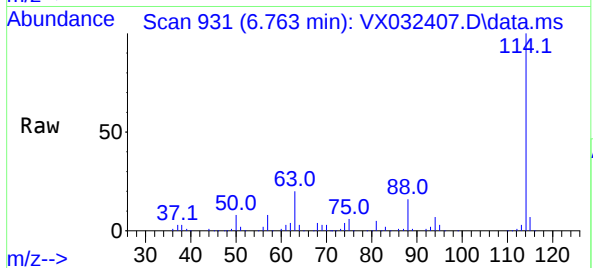




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

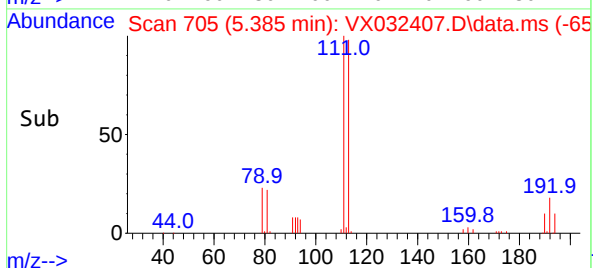
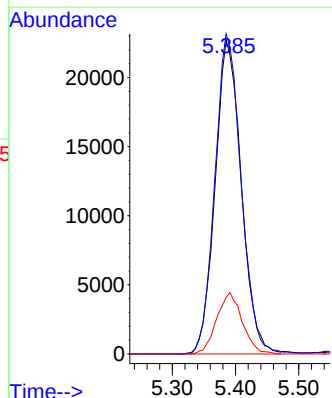
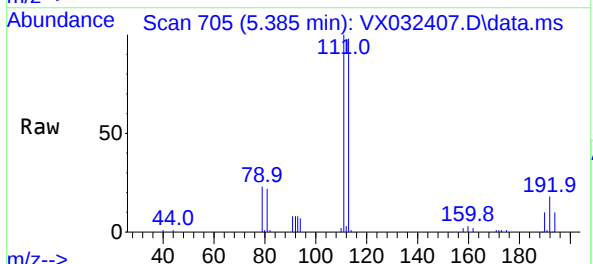
Instrument :
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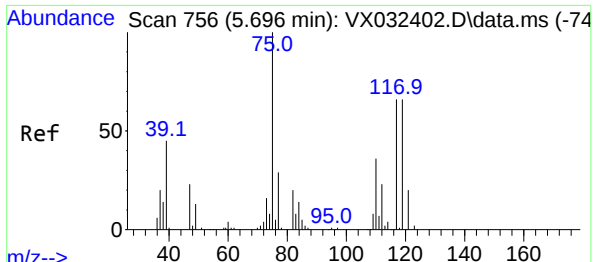
Tgt Ion:114 Resp: 200969
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.6
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.426 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

Tgt Ion:113 Resp: 65120
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 19.1 15.4 23.2

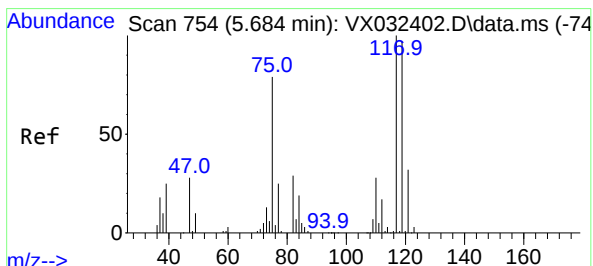
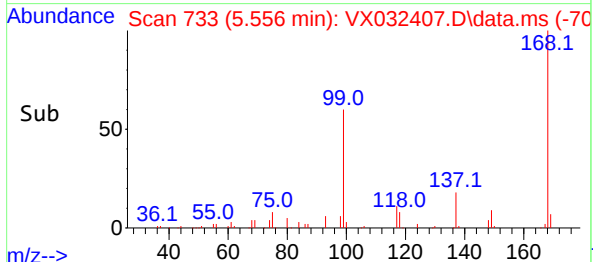
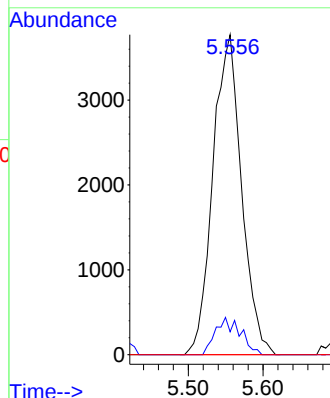
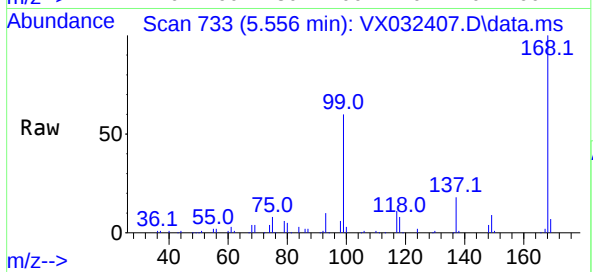




#36
1,1-Dichloropropene
Concen: 5.034 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

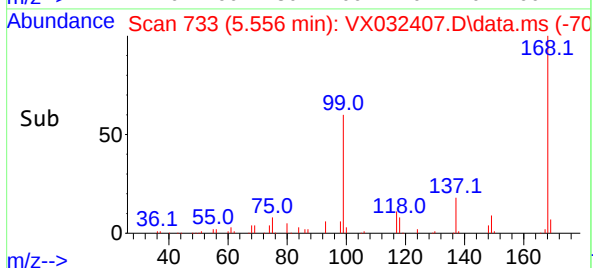
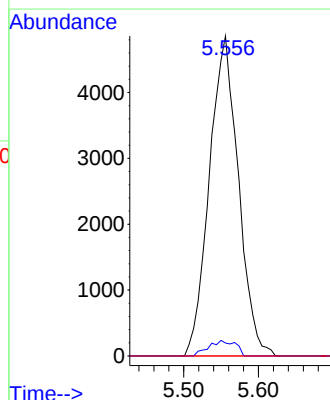
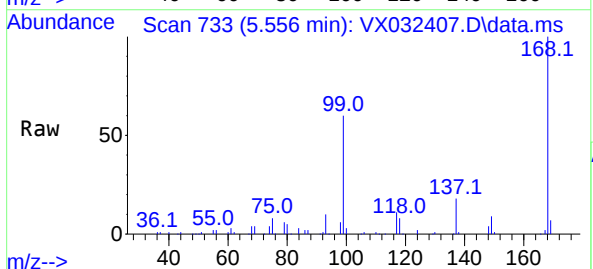
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBL01

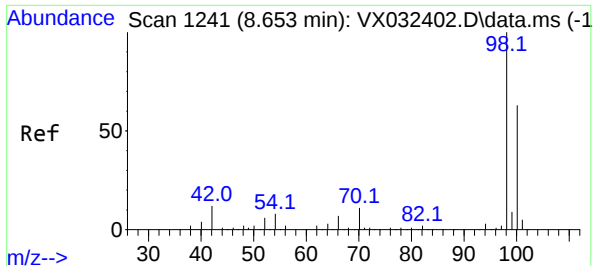
Tgt Ion: 75 Resp: 10049
Ion Ratio Lower Upper
75 100
110 10.1 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.928 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

Tgt Ion: 117 Resp: 13126
Ion Ratio Lower Upper
117 100
119 4.1 77.2 115.8#
121 0.0 25.8 38.6#

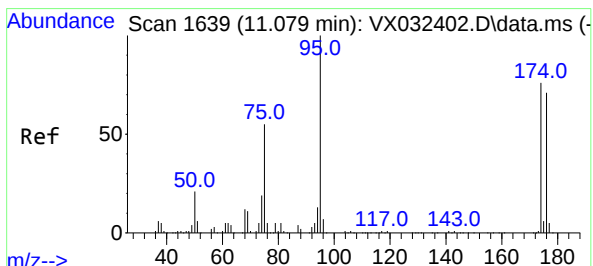
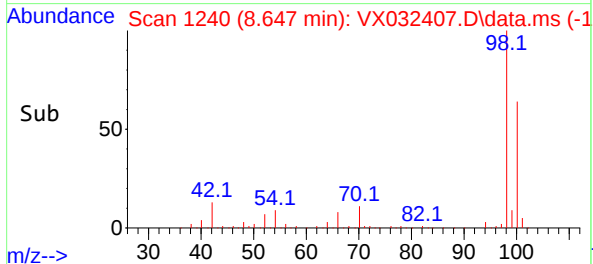
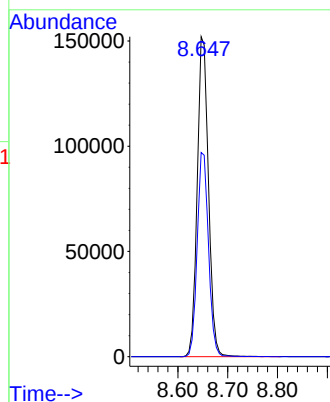
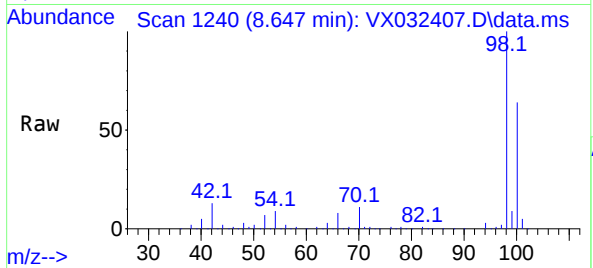




#50
Toluene-d8
Concen: 47.603 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

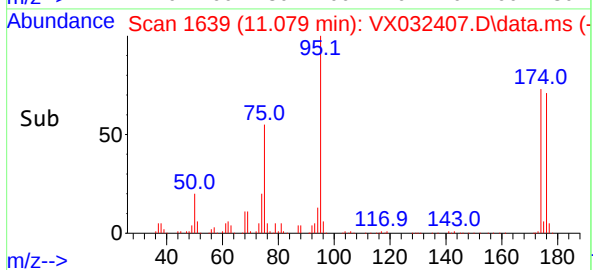
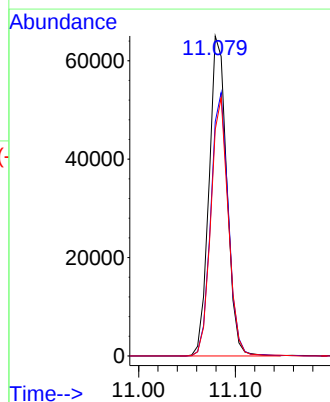
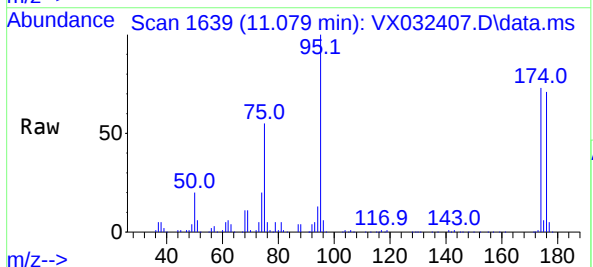
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBL01

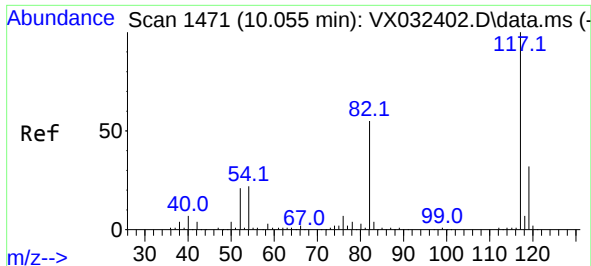
Tgt Ion: 98 Resp: 237288
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 42.617 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

Tgt Ion: 95 Resp: 82981
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.0
176 79.0 0.0 154.4

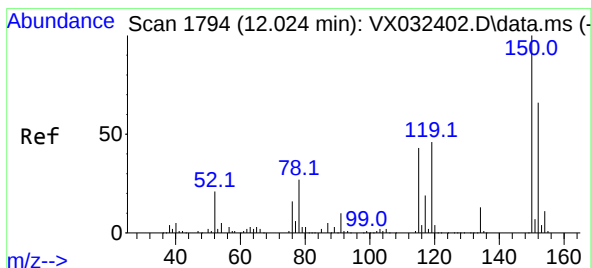
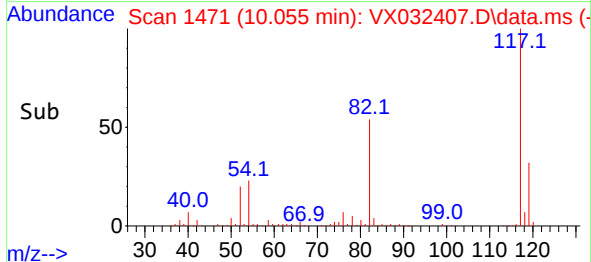
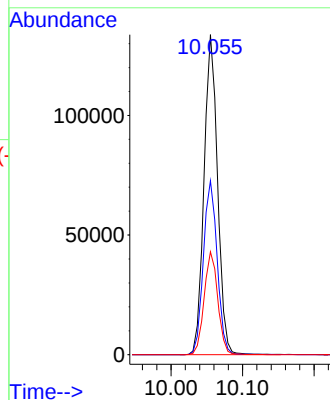
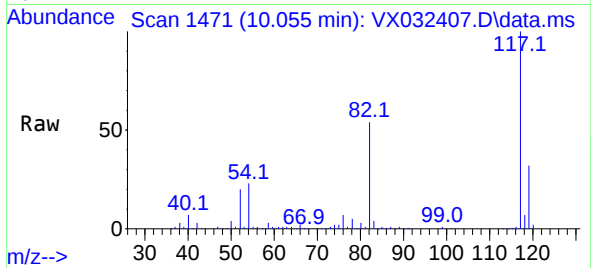




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

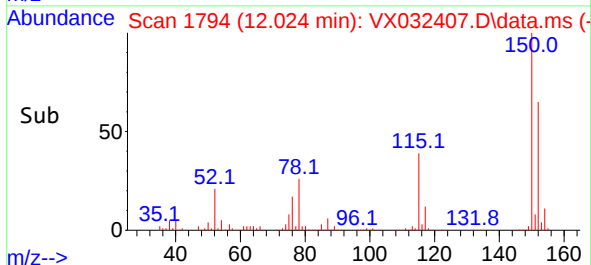
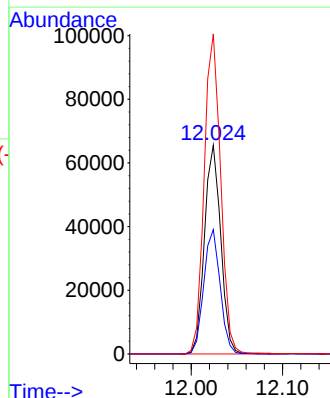
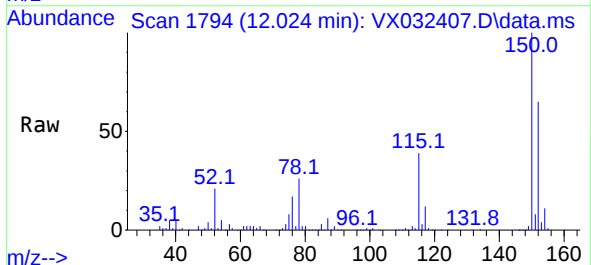
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBL01

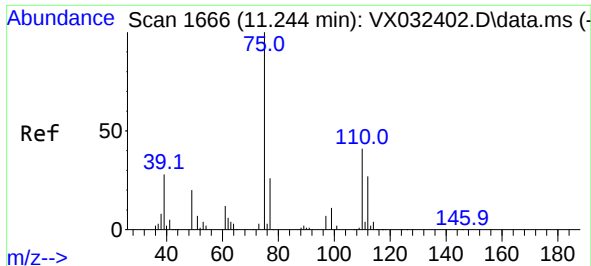
Tgt Ion:117 Resp: 176062
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

Tgt Ion:152 Resp: 81198
Ion Ratio Lower Upper
152 100
115 59.9 44.0 132.0
150 155.0 0.0 351.8

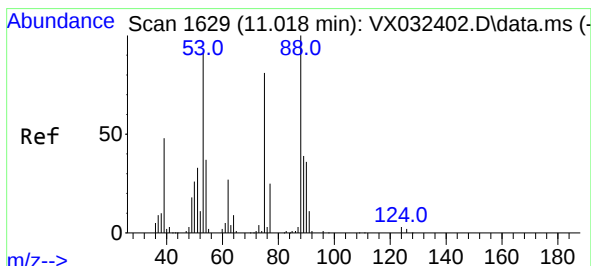
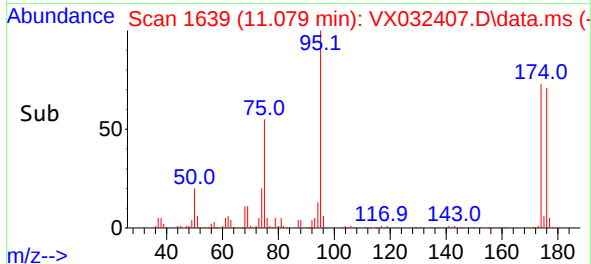
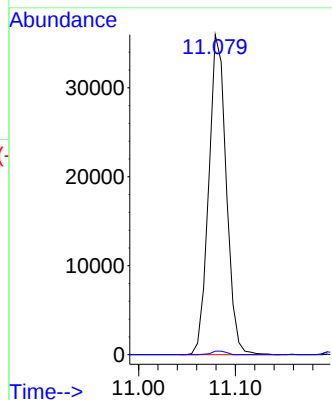
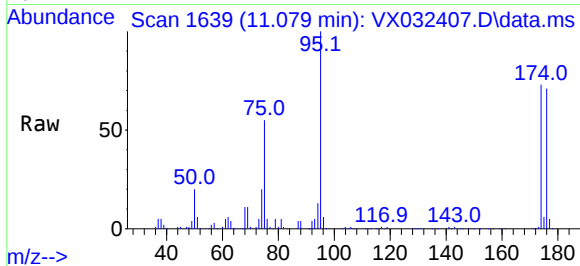




#76
1,2,3-Trichloropropane
Concen: 25.114 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

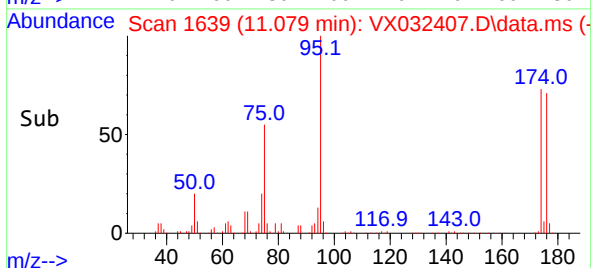
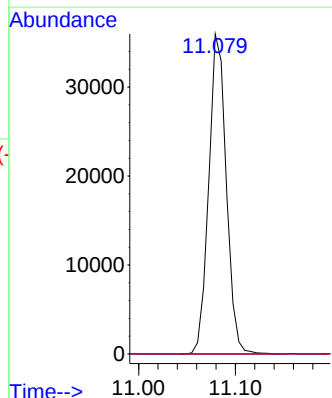
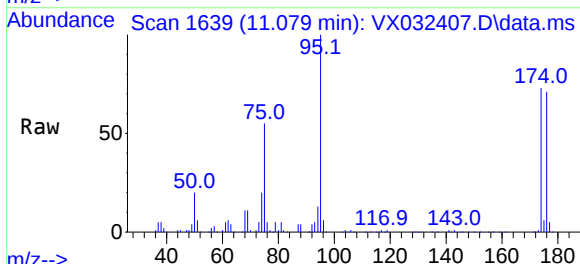
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBL01

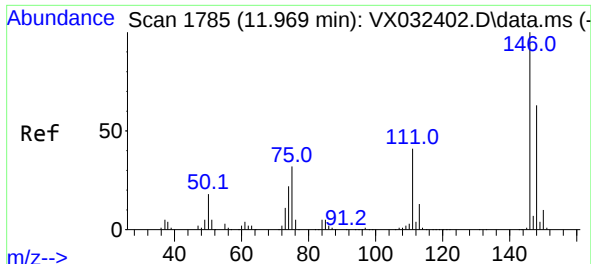
Tgt Ion: 75 Resp: 45367
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.913 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

Tgt Ion: 75 Resp: 45367
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#





#87

1,3-Dichlorobenzene

Concen: 0.210 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX032407.D

Acq: 26 Oct 2022 16:11

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBL01

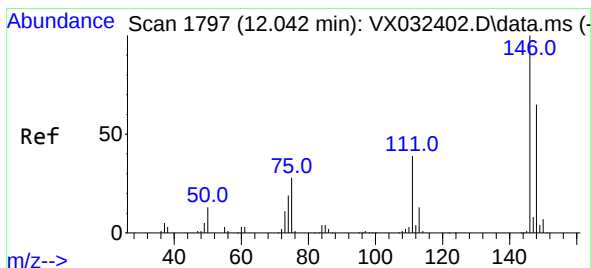
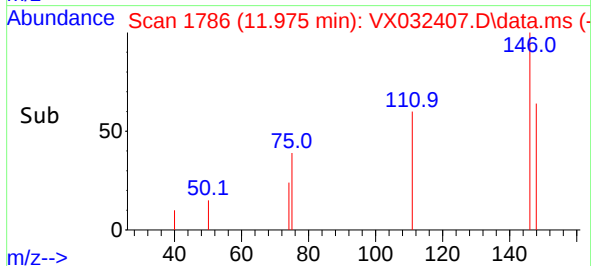
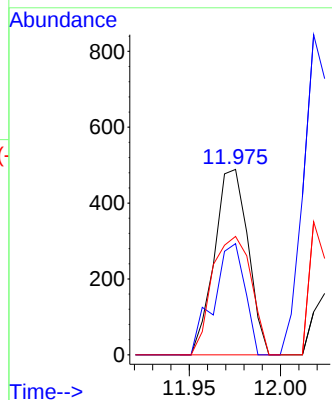
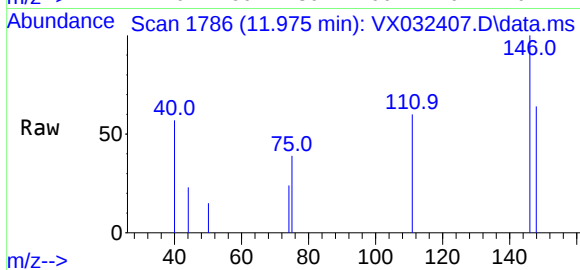
Tgt Ion:146 Resp: 626

Ion Ratio Lower Upper

146 100

111 55.6 20.6 61.8

148 74.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 0.203 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX032407.D

Acq: 26 Oct 2022 16:11

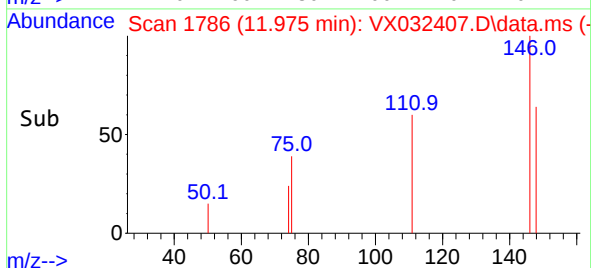
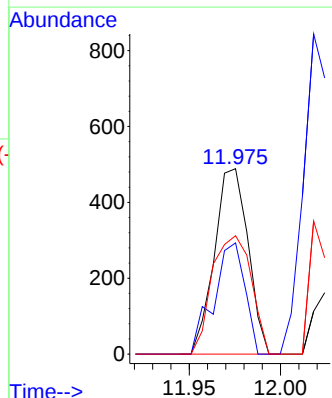
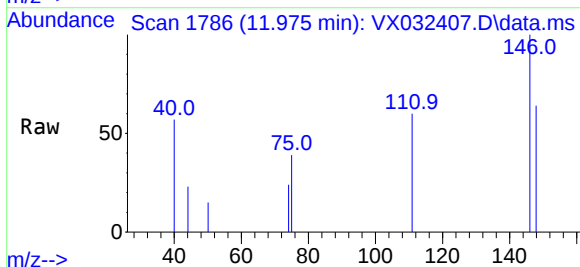
Tgt Ion:146 Resp: 626

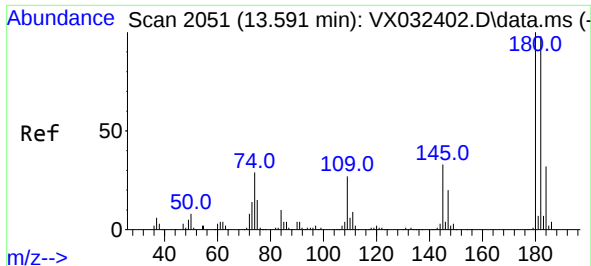
Ion Ratio Lower Upper

146 100

111 55.6 20.5 61.6

148 74.4 32.2 96.6

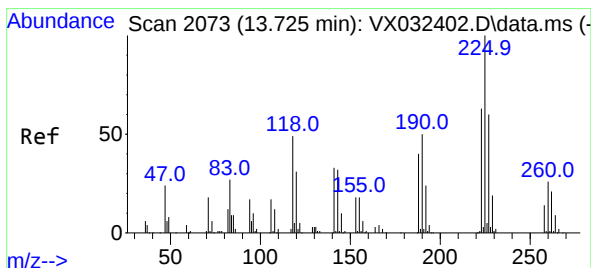
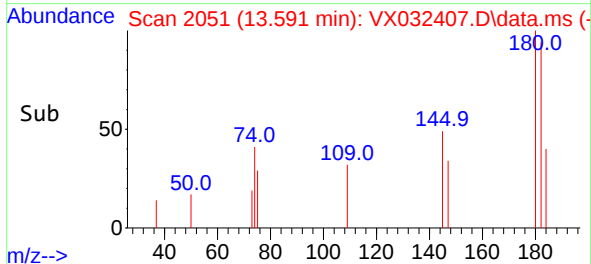
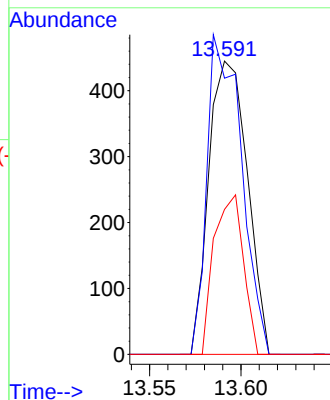
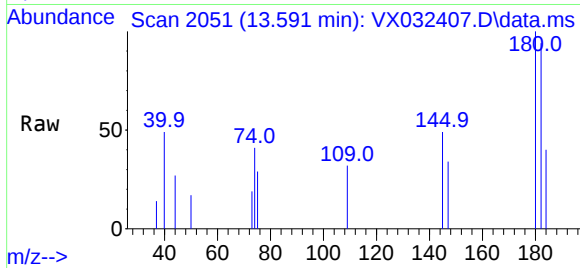




#93
1,2,4-Trichlorobenzene
Concen: 0.342 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

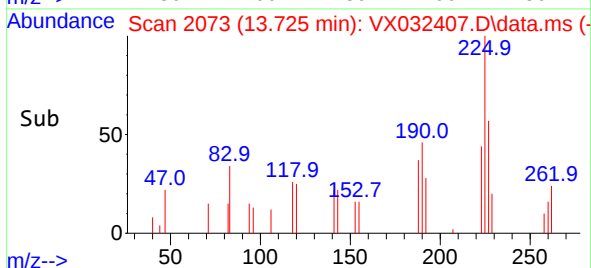
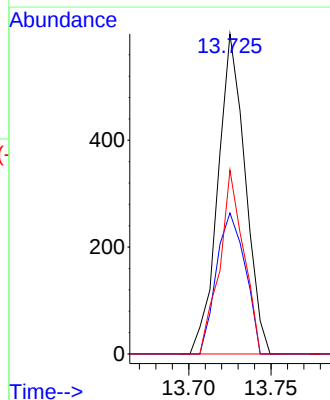
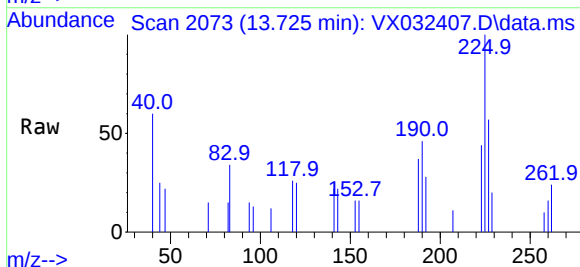
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBL01

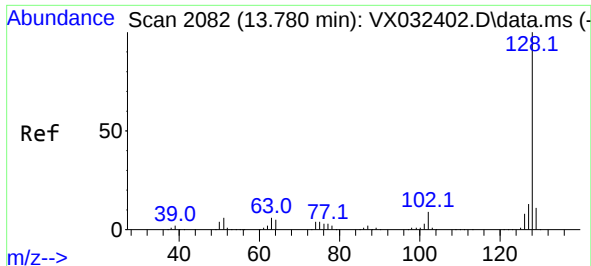
Tgt Ion:180 Resp: 655
Ion Ratio Lower Upper
180 100
182 96.8 48.4 145.0
145 41.4 16.2 48.5



#94
Hexachlorobutadiene
Concen: 0.865 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

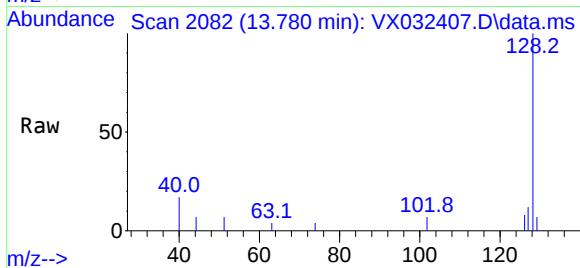
Tgt Ion:225 Resp: 691
Ion Ratio Lower Upper
225 100
223 46.3 31.9 95.9
227 50.2 31.9 95.5



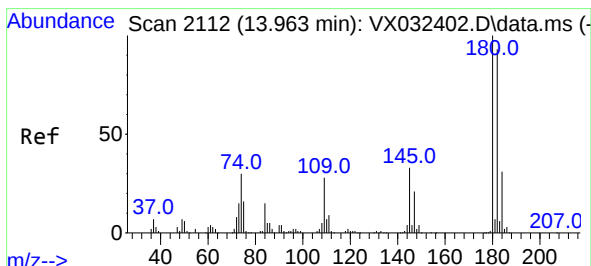
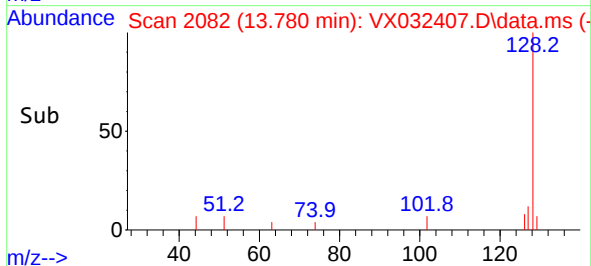
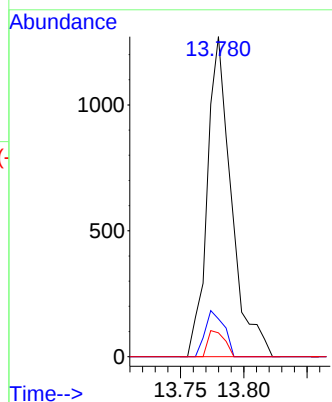


#95
Naphthalene
Concen: 0.265 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBL01



Tgt Ion:128 Resp: 1689
Ion Ratio Lower Upper
128 100
127 11.3 10.2 15.4
129 4.3 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 0.310 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032407.D
Acq: 26 Oct 2022 16:11

Tgt Ion:180 Resp: 603
Ion Ratio Lower Upper
180 100
182 96.5 47.5 142.6
145 34.8 16.9 50.6

