

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103122\
 Data File : VX032476.D
 Acq On : 31 Oct 2022 10:31
 Operator : JC/MD
 Sample : VX1031MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031MBL01

Quant Time: Nov 01 05:05:11 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)

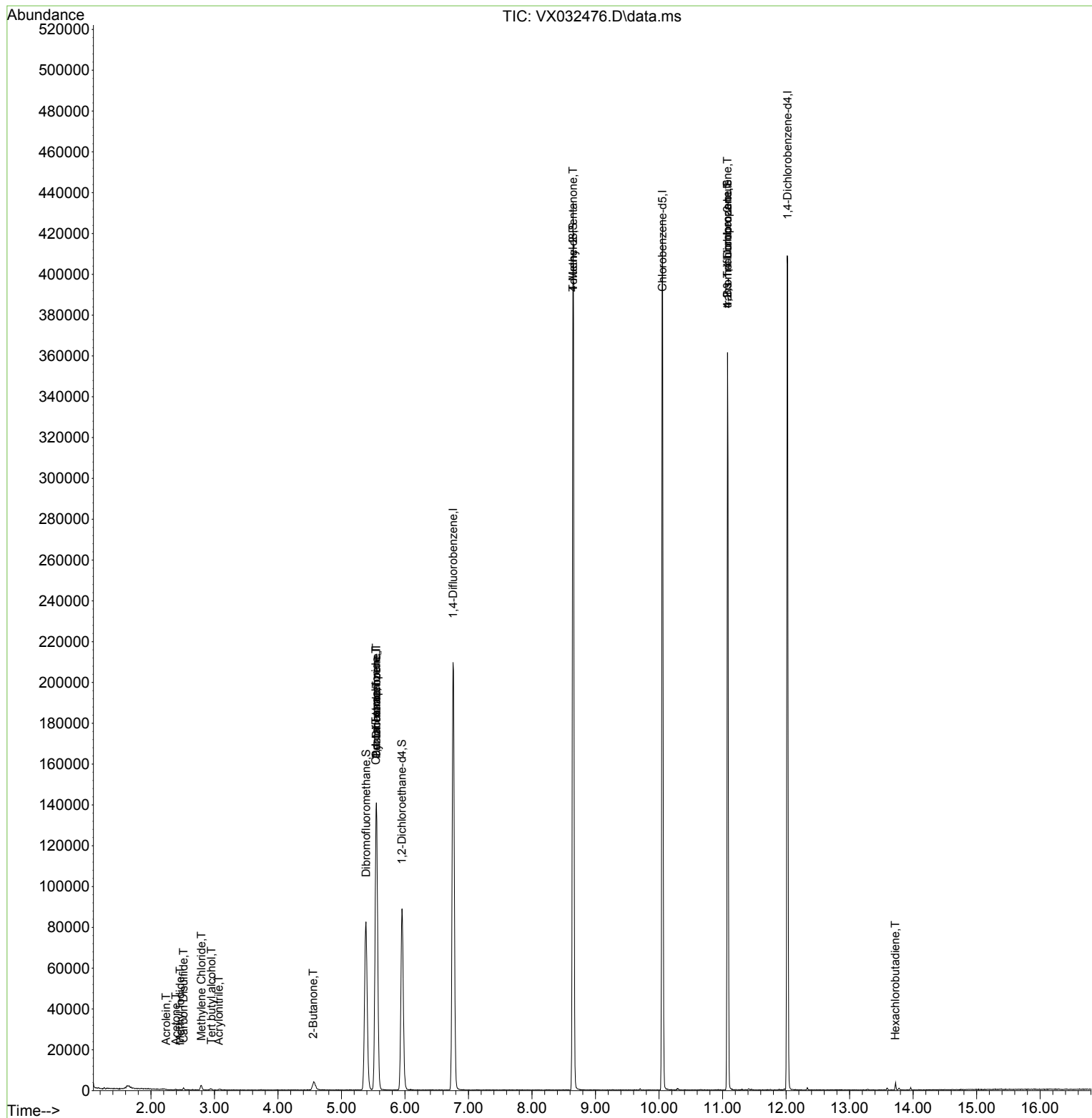
Internal Standards						
1) Pentafluorobenzene	5.550	168	134100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214475	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89047	47.790	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.580%		
35) Dibromofluoromethane	5.385	113	71109	46.480	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.960%		
50) Toluene-d8	8.647	98	254886	47.914	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.820%		
62) 4-Bromofluorobenzene	11.079	95	87652	42.181	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.360%		
Target Compounds					Qvalue	
10) Methyl Iodide	2.459	142	168	2.017	ug/l #	53
11) Tert butyl alcohol	2.953	59	429	1.582	ug/l #	72
13) Acrolein	2.239	56	70	0.259	ug/l #	64
15) Acrylonitrile	3.068	53	164	0.223	ug/l #	68
16) Acetone	2.392	43	391	0.577	ug/l #	45
17) Carbon Disulfide	2.514	76	1166	0.364	ug/l	95
20) Methylene Chloride	2.794	84	1215	0.782	ug/l #	72
25) 2-Butanone	4.556	43	439	0.418	ug/l #	47
31) Cyclohexane	5.550	56	2962	1.311	ug/l #	2
36) 1,1-Dichloropropene	5.550	75	10622	4.986	ug/l #	50
38) Carbon Tetrachloride	5.544	117	13966	5.910	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1180	0.550	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48335	25.122	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	48335	79.939	ug/l #	6
94) Hexachlorobutadiene	13.719	225	537	0.631	ug/l	85

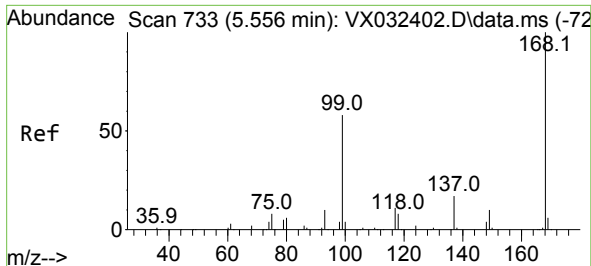
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

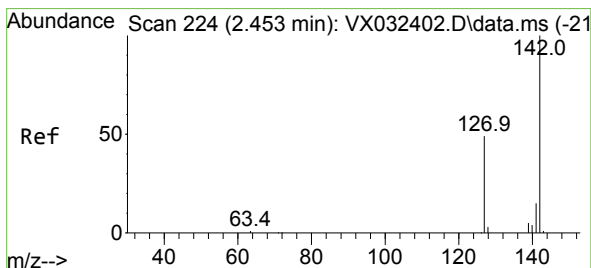
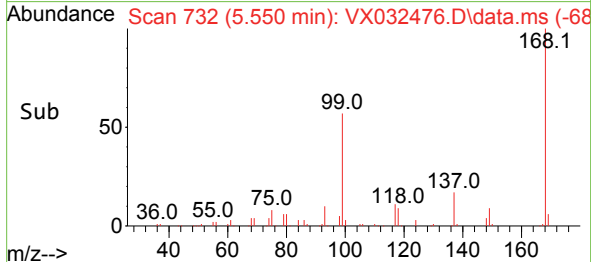
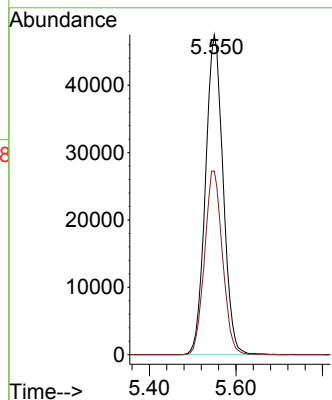
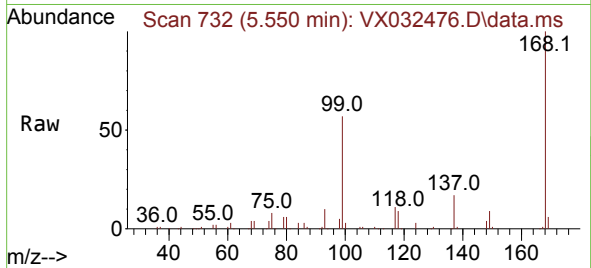




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032476.D
Acq: 31 Oct 2022 10:31

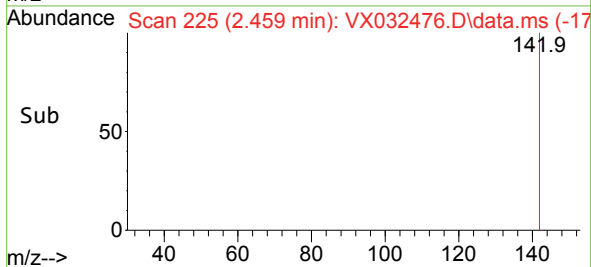
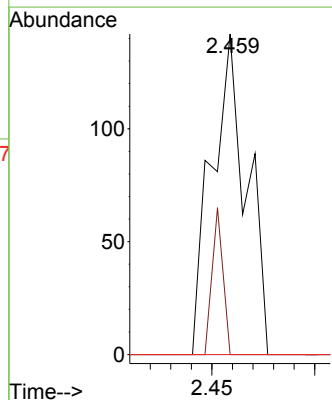
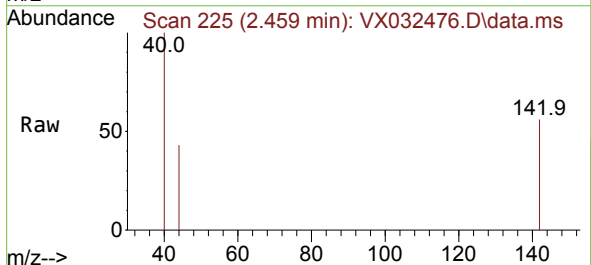
Instrument :
MSVOA_X
ClientSampleId :
VX1031MBL01

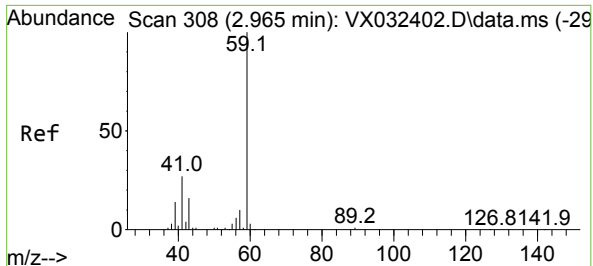
Tgt Ion:168 Resp: 134100
Ion Ratio Lower Upper
168 100
99 57.4 46.1 69.1



#10
Methyl Iodide
Concen: 2.017 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX032476.D
Acq: 31 Oct 2022 10:31

Tgt Ion:142 Resp: 168
Ion Ratio Lower Upper
142 100
127 14.3 38.6 57.8#
141 0.0 11.4 17.2#

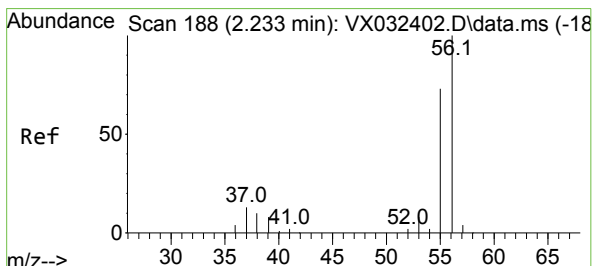
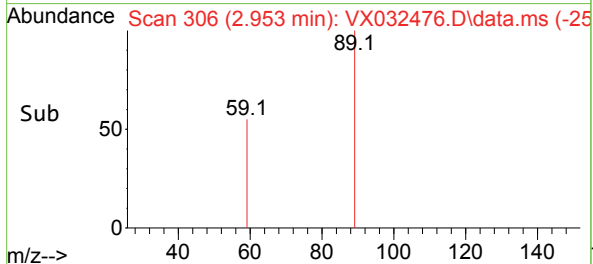
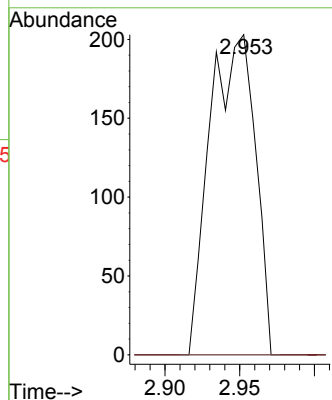
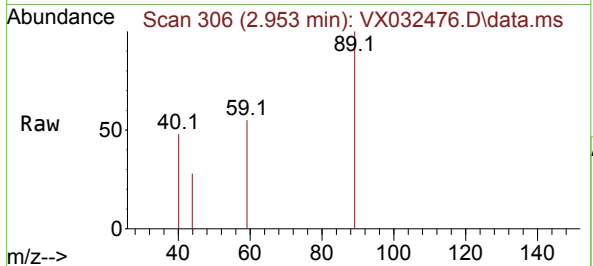




#11
Tert butyl alcohol
Concen: 1.582 ug/l
RT: 2.953 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX032476.D
Acq: 31 Oct 2022 10:31

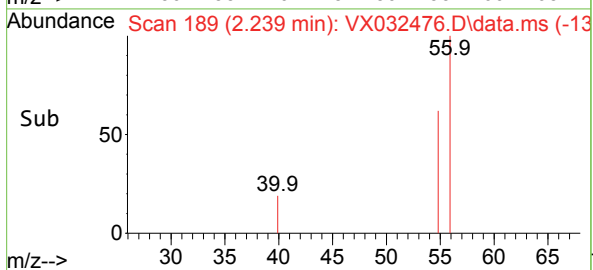
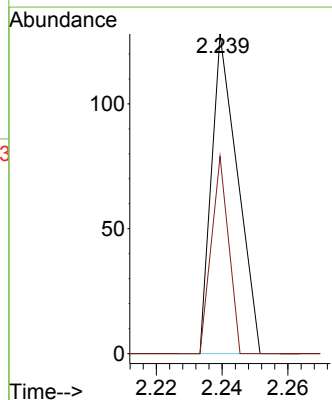
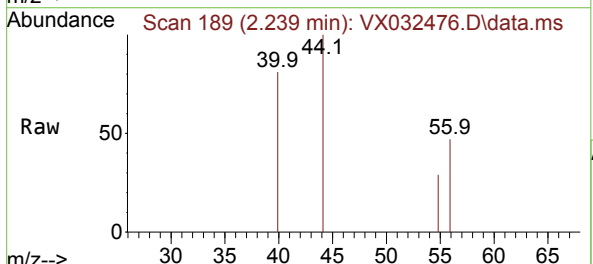
Instrument :
MSVOA_X
ClientSampleId :
VX1031MBL01

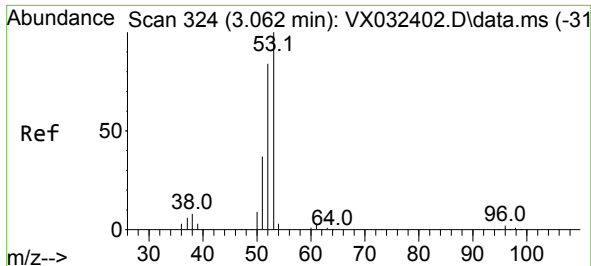
Tgt Ion: 59 Resp: 429
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.259 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX032476.D
Acq: 31 Oct 2022 10:31

Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 41.4 56.9 85.3#

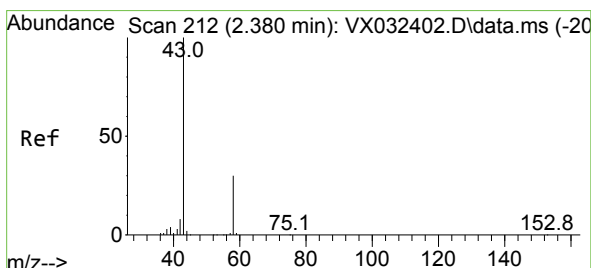
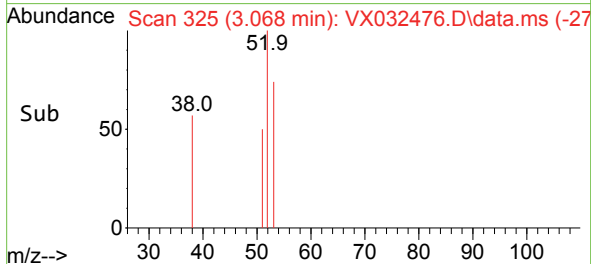
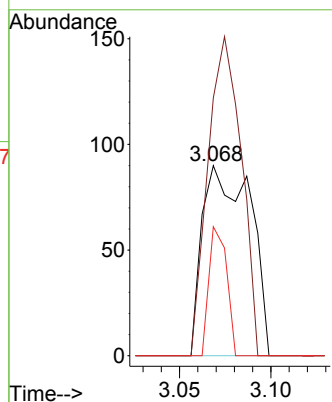
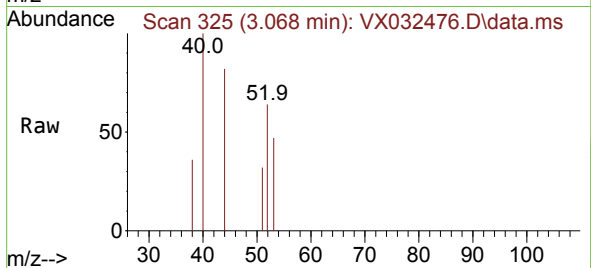




#15
Acrylonitrile
Concen: 0.223 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX032476.D
Acq: 31 Oct 2022 10:31

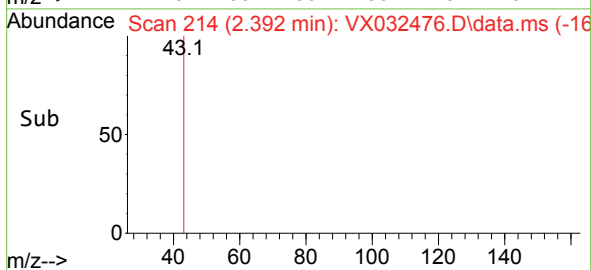
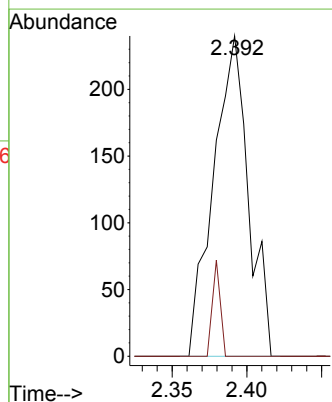
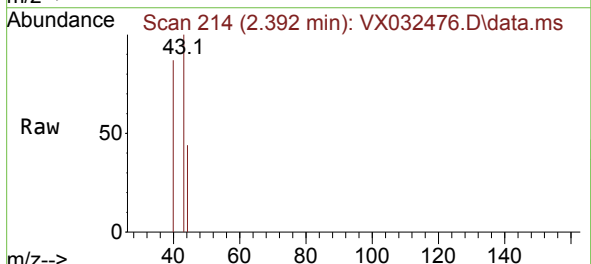
Instrument :
MSVOA_X
ClientSampleId :
VX1031MBL01

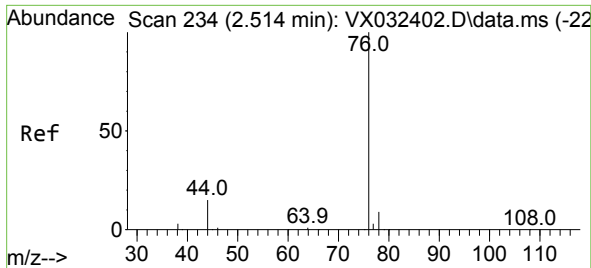
Tgt Ion: 53 Resp: 164
Ion Ratio Lower Upper
53 100
52 117.1 67.4 101.0#
51 25.0 30.3 45.5#



#16
Acetone
Concen: 0.577 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032476.D
Acq: 31 Oct 2022 10:31

Tgt Ion: 43 Resp: 391
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#





#17

Carbon Disulfide

Concen: 0.364 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX032476.D

Acq: 31 Oct 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

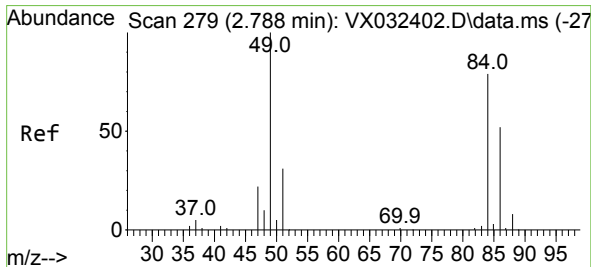
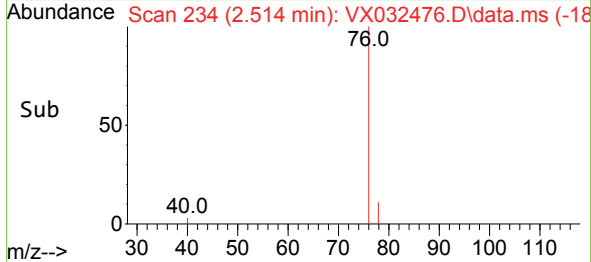
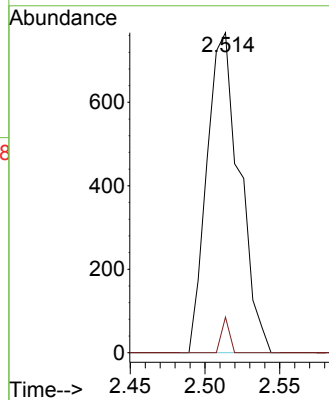
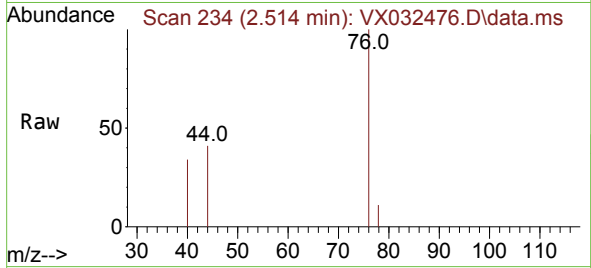
VX1031MBL01

Tgt Ion: 76 Resp: 1166

Ion Ratio Lower Upper

76 100

78 11.1 7.5 11.3



#20

Methylene Chloride

Concen: 0.782 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX032476.D

Acq: 31 Oct 2022 10:31

Tgt Ion: 84 Resp: 1215

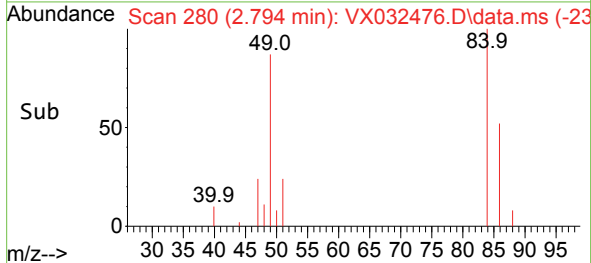
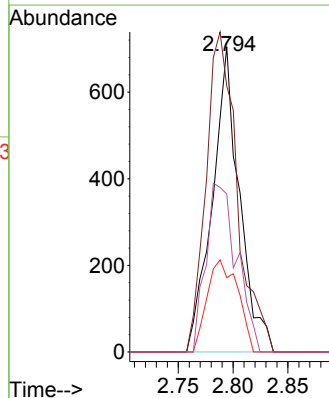
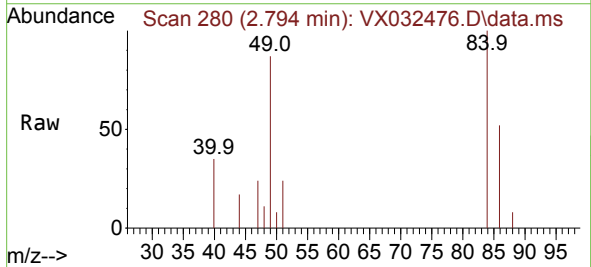
Ion Ratio Lower Upper

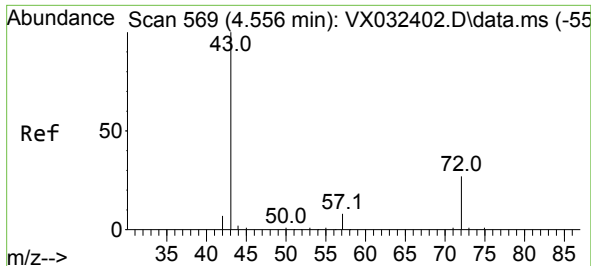
84 100

49 87.1 101.0 151.6#

51 24.4 31.1 46.7#

86 51.8 52.3 78.5#

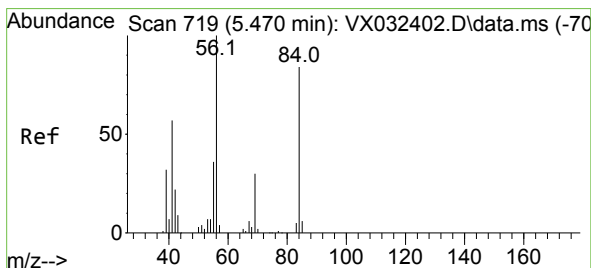
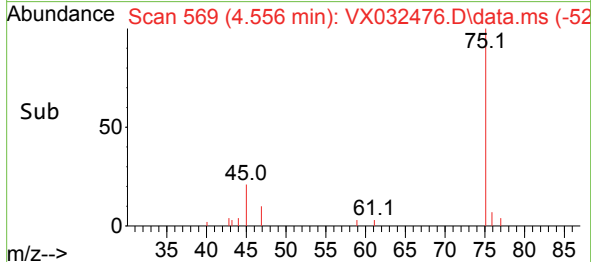
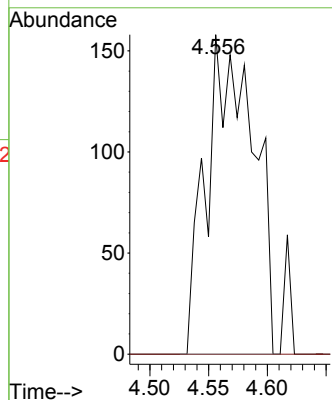
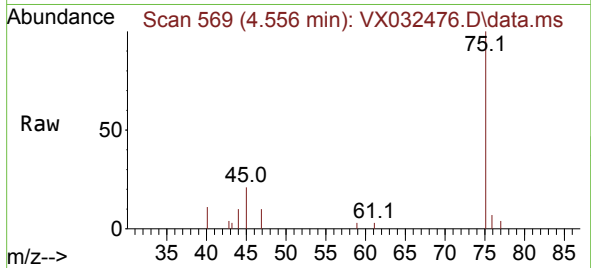




#25
2-Butanone
Concen: 0.418 ug/l
RT: 4.556 min Scan# 509
Delta R.T. -0.000 min
Lab File: VX032476.D
Acq: 31 Oct 2022 10:31

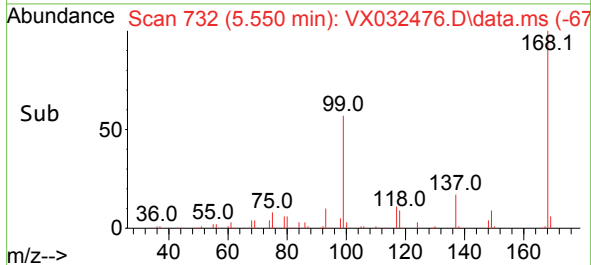
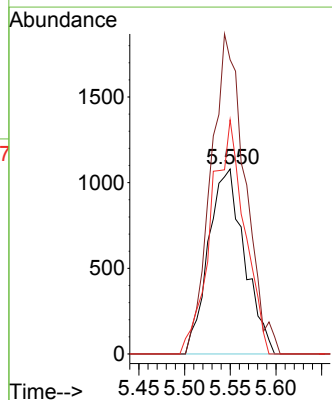
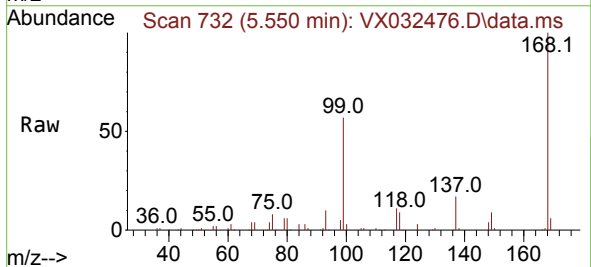
Instrument :
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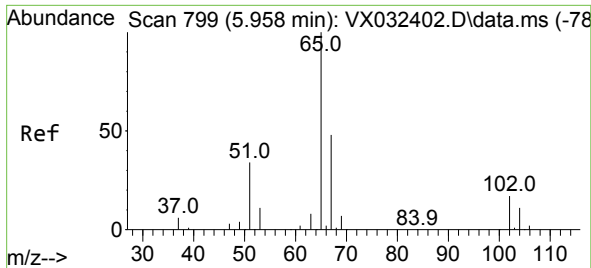
Tgt Ion: 43 Resp: 439
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#



#31
Cyclohexane
Concen: 1.311 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX032476.D
Acq: 31 Oct 2022 10:31

Tgt Ion: 56 Resp: 2962
Ion Ratio Lower Upper
56 100
69 159.1 24.1 36.1#
84 126.6 66.9 100.3#

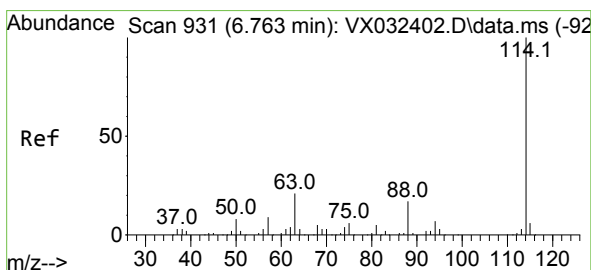
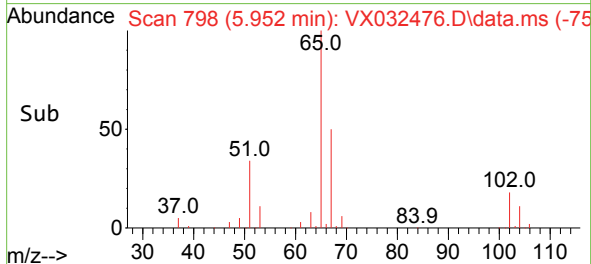
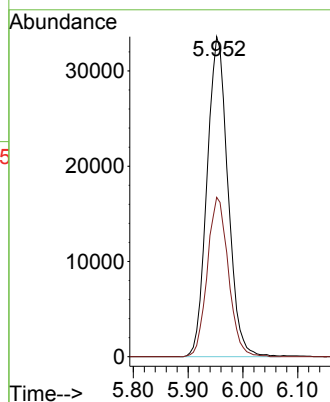
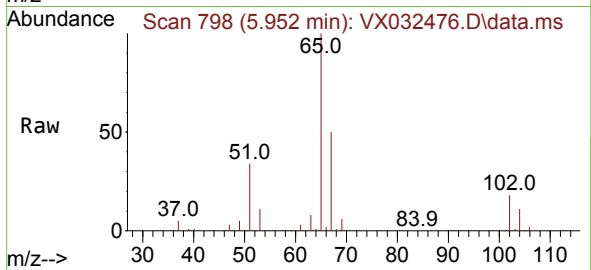




#33
 1,2-Dichloroethane-d4
 Concen: 47.790 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX032476.D
 Acq: 31 Oct 2022 10:31

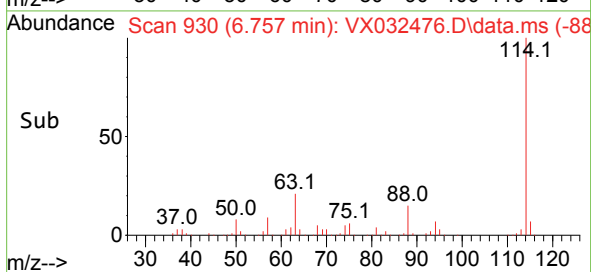
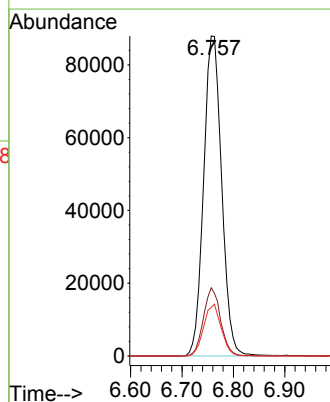
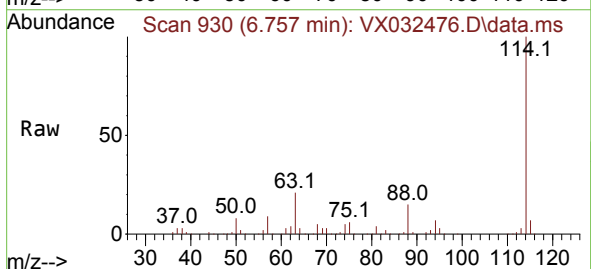
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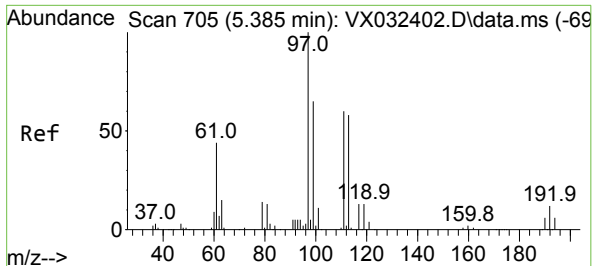
Tgt Ion: 65 Resp: 89047
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX032476.D
 Acq: 31 Oct 2022 10:31

Tgt Ion: 114 Resp: 214475
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.6
 88 15.2 0.0 33.4

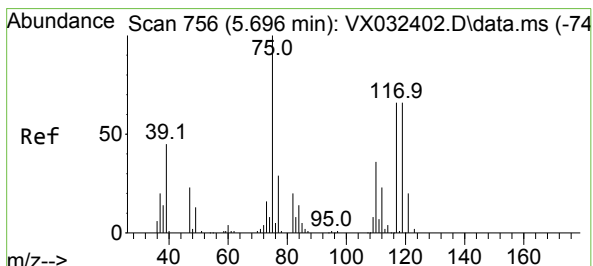
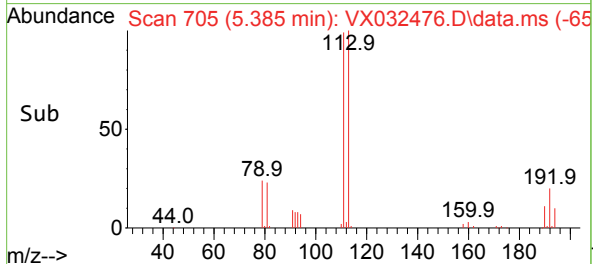
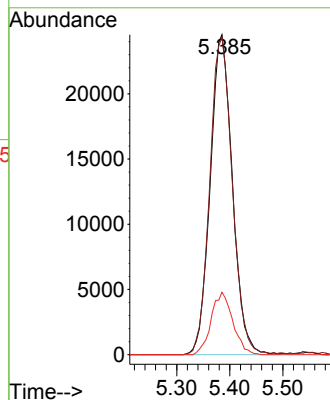
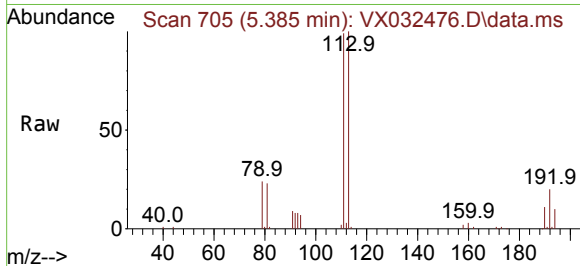




#35
Dibromofluoromethane
Concen: 46.480 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032476.D
Acq: 31 Oct 2022 10:31

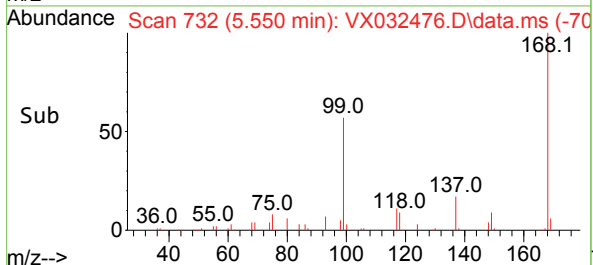
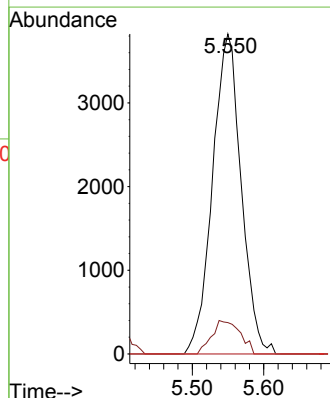
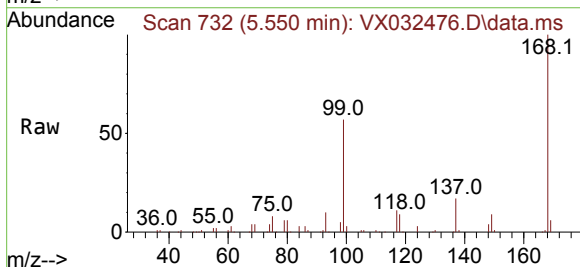
Instrument :
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ClientSampleId :
VX1031MBL01

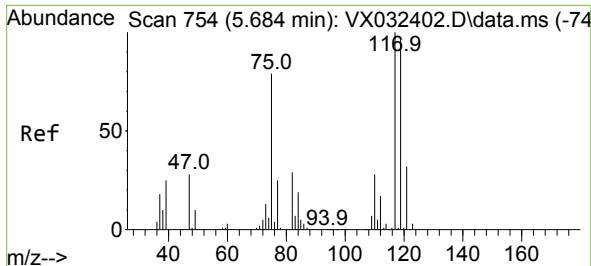
Tgt Ion:113 Resp: 71109
Ion Ratio Lower Upper
113 100
111 101.0 82.4 123.6
192 19.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.986 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032476.D
Acq: 31 Oct 2022 10:31

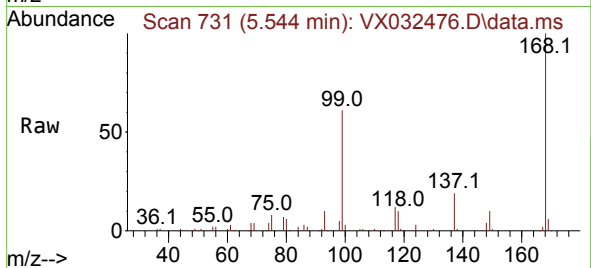
Tgt Ion: 75 Resp: 10622
Ion Ratio Lower Upper
75 100
110 10.3 18.4 55.2#
77 0.0 24.5 36.7#



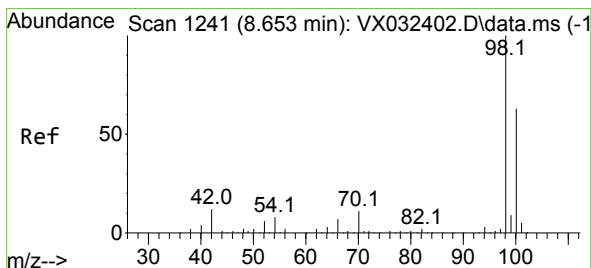
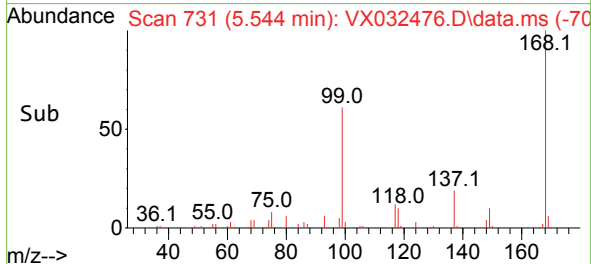
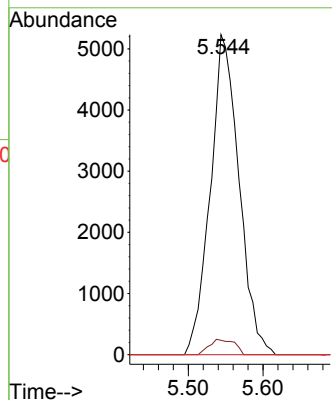


#38
Carbon Tetrachloride
Concen: 5.910 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX032476.D
Acq: 31 Oct 2022 10:31

Instrument :
MSVOA_X
ClientSampleId :
VX1031MBL01

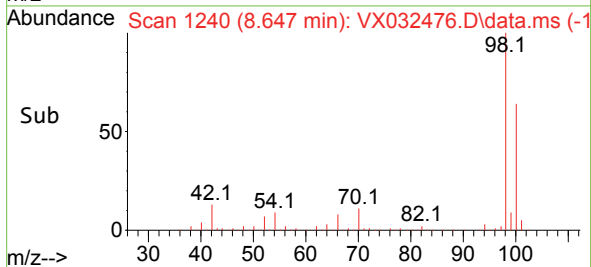
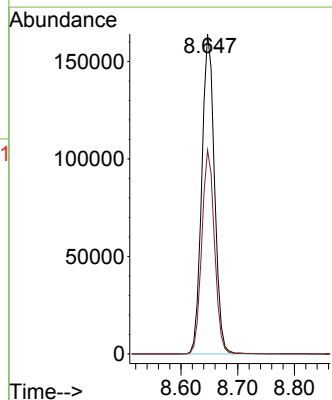
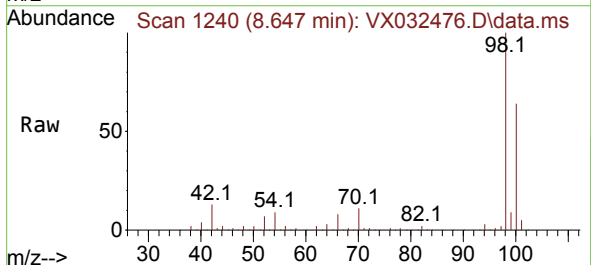


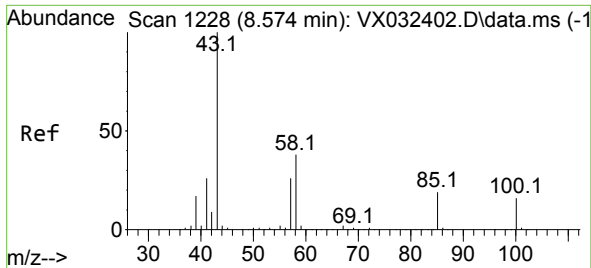
Tgt Ion:117 Resp: 13966
Ion Ratio Lower Upper
117 100
119 4.5 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.914 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032476.D
Acq: 31 Oct 2022 10:31

Tgt Ion: 98 Resp: 254886
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

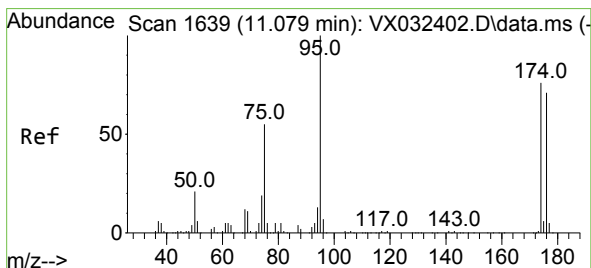
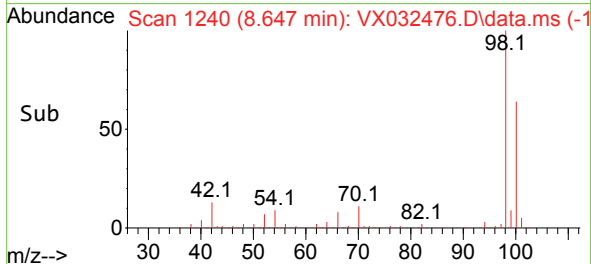
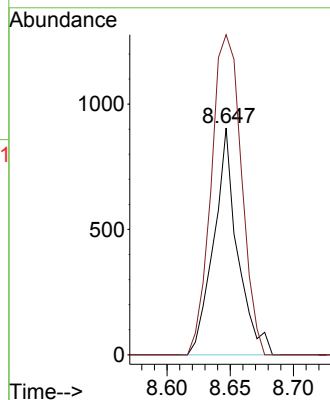
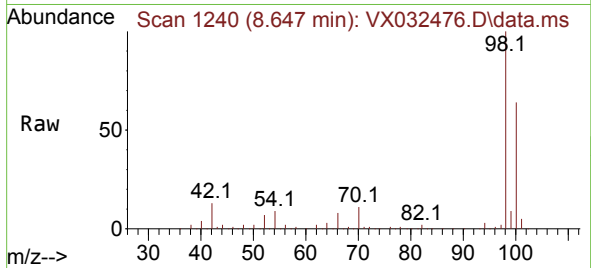




#51
4-Methyl-2-Pentanone
Concen: 0.550 ug/l
RT: 8.647 min Scan# 1180
Delta R.T. 0.073 min
Lab File: VX032476.D
Acq: 31 Oct 2022 10:31

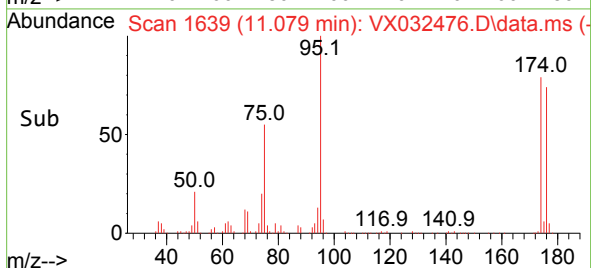
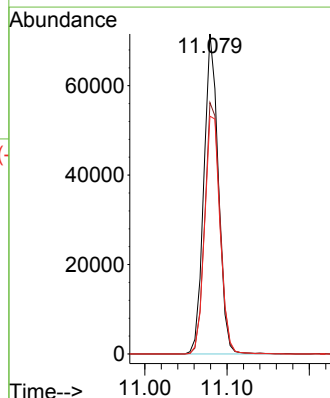
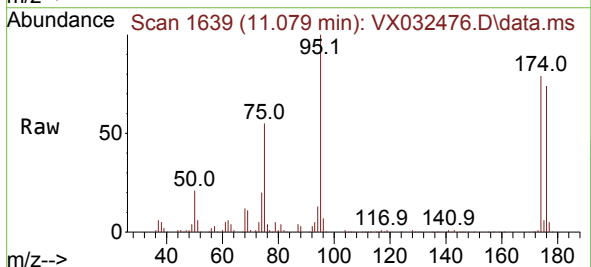
Instrument :
MSVOA_X
ClientSampleId :
VX1031MBL01

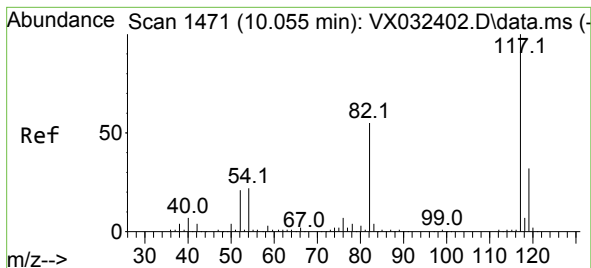
Tgt Ion: 43 Resp: 1180
Ion Ratio Lower Upper
43 100
58 179.8 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 42.181 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032476.D
Acq: 31 Oct 2022 10:31

Tgt Ion: 95 Resp: 87652
Ion Ratio Lower Upper
95 100
174 82.5 0.0 164.0
176 79.5 0.0 154.4

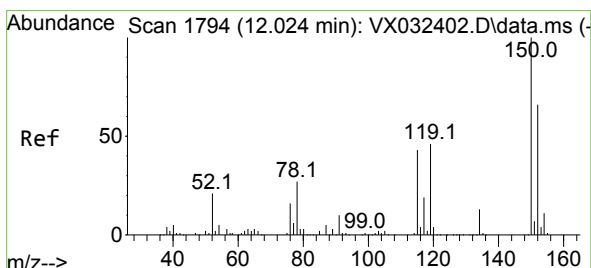
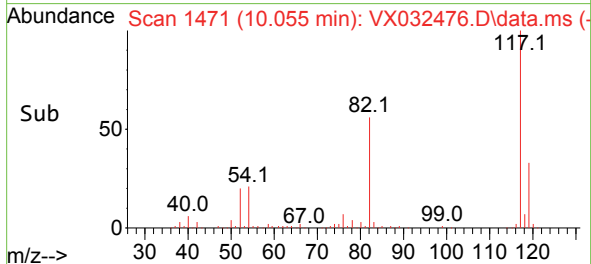
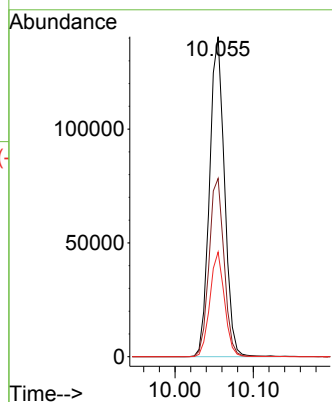
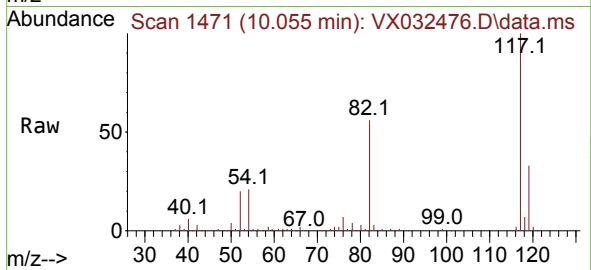




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032476.D
Acq: 31 Oct 2022 10:31

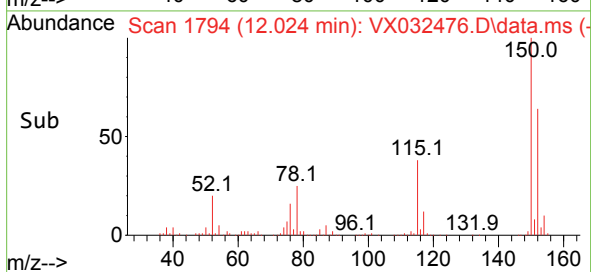
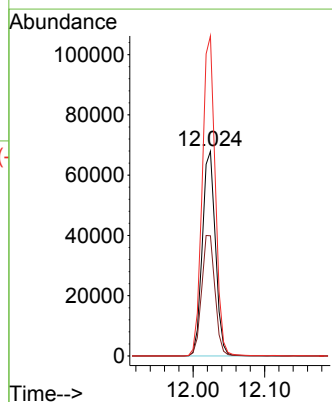
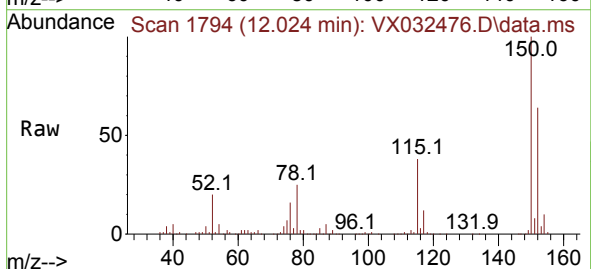
Instrument :
MSVOA_X
ClientSampleId :
VX1031MBL01

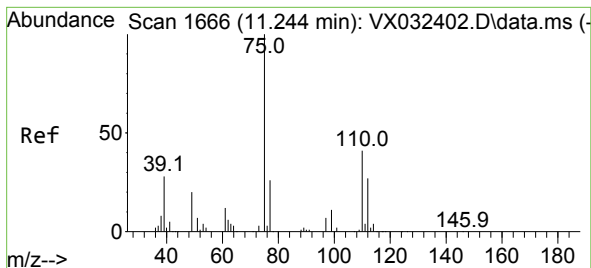
Tgt Ion:117 Resp: 186064
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 32.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032476.D
Acq: 31 Oct 2022 10:31

Tgt Ion:152 Resp: 86482
Ion Ratio Lower Upper
152 100
115 59.8 44.0 132.0
150 155.3 0.0 351.8





#76

1,2,3-Trichloropropane

Concen: 25.122 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX032476.D

Acq: 31 Oct 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

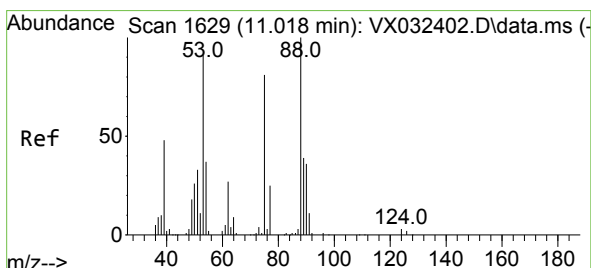
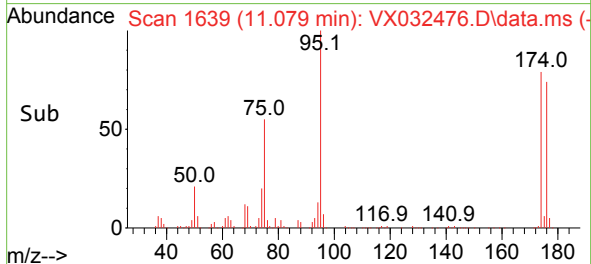
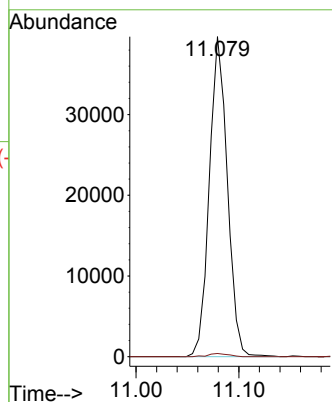
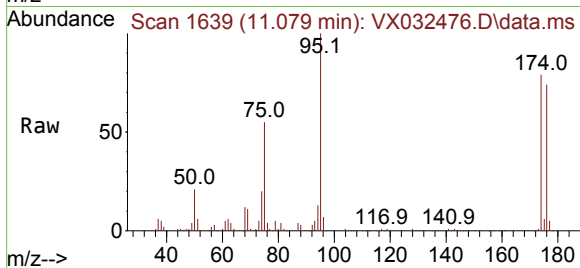
VX1031MBL01

Tgt Ion: 75 Resp: 48335

Ion Ratio Lower Upper

75 100

77 1.1 20.0 60.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.939 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX032476.D

Acq: 31 Oct 2022 10:31

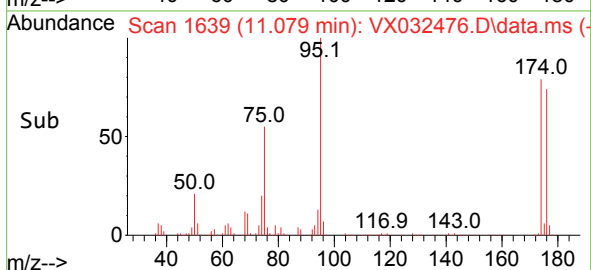
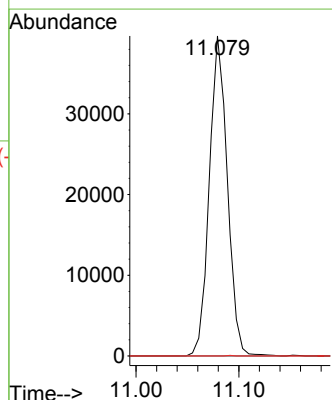
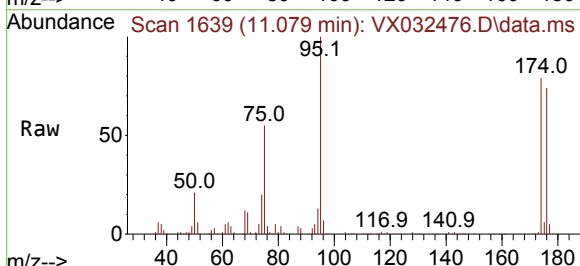
Tgt Ion: 75 Resp: 48335

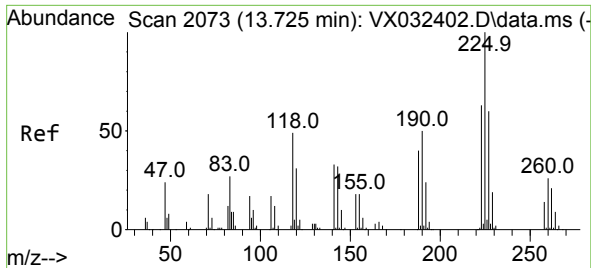
Ion Ratio Lower Upper

75 100

53 0.0 86.9 130.3#

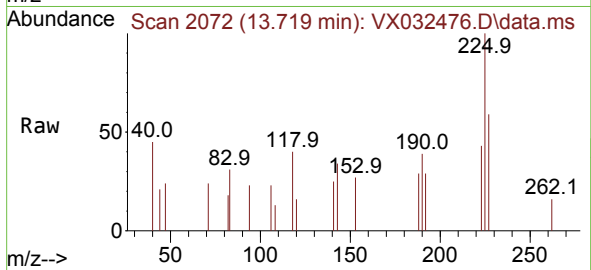
89 0.1 38.3 57.5#





#94
 Hexachlorobutadiene
 Concen: 0.631 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX032476.D
 Acq: 31 Oct 2022 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031MBL01



Tgt Ion:	225	Resp:	537
Ion	Ratio	Lower	Upper
225	100		
223	49.5	31.9	95.9
227	72.6	31.9	95.5

