

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110322\
 Data File : VX032548.D
 Acq On : 03 Nov 2022 10:53
 Operator : JC/MD
 Sample : VX1103MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1103MBL01

Quant Time: Nov 04 06:17:08 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)

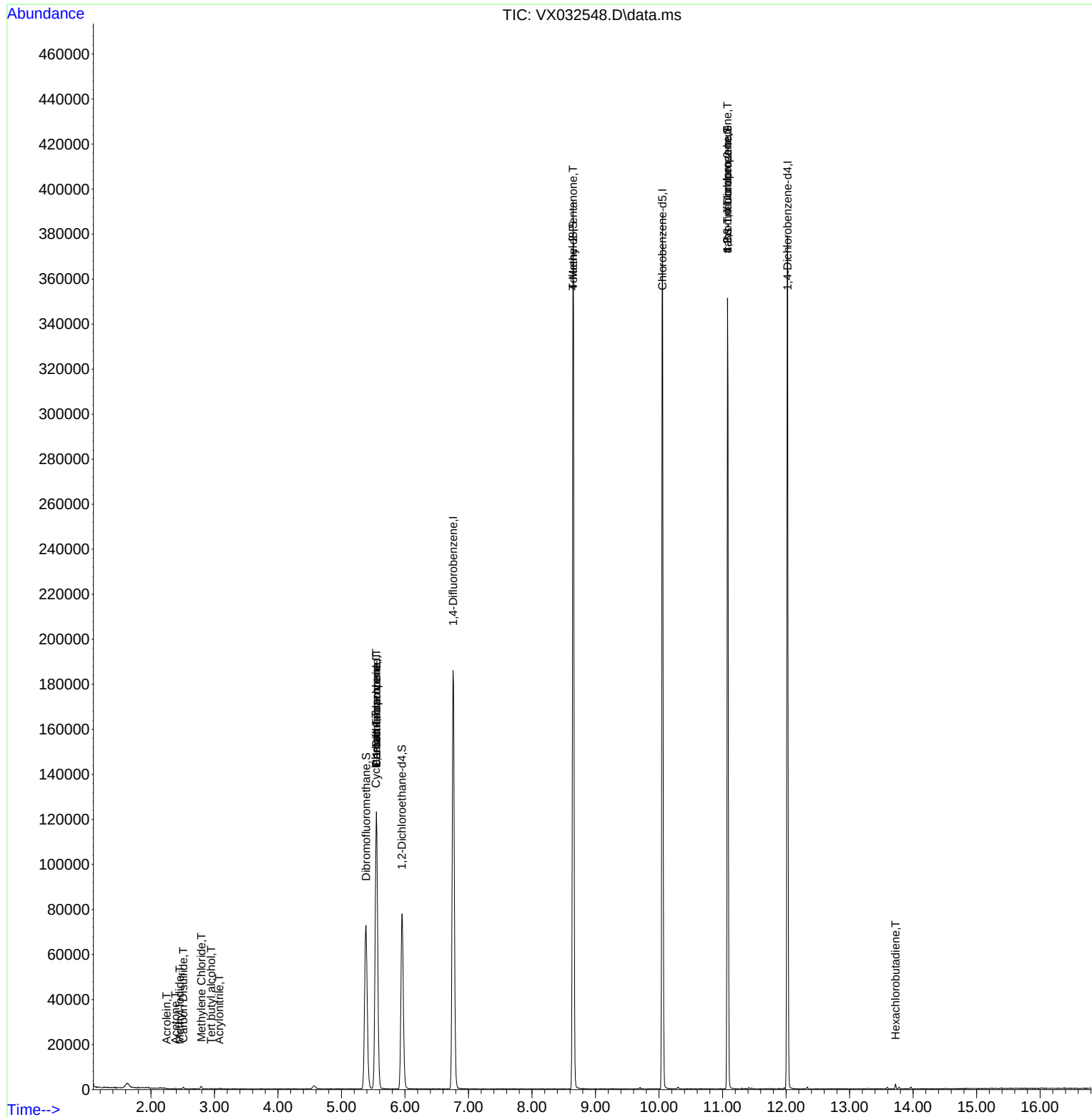
Internal Standards						
1) Pentafluorobenzene	5.550	168	114057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	187413	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78081	49.269	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.540%
35) Dibromofluoromethane	5.385	113	62695	46.898	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.800%
50) Toluene-d8	8.647	98	225018	48.407	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.820%
62) 4-Bromofluorobenzene	11.079	95	85963	47.342	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.680%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.453	142	23	1.933	ug/l #	37
11) Tert butyl alcohol	2.947	59	105	0.455	ug/l #	72
13) Acrolein	2.246	56	54	0.235	ug/l #	63
15) Acrylonitrile	3.075	53	150	0.240	ug/l #	79
16) Acetone	2.386	43	235	0.408	ug/l #	45
17) Carbon Disulfide	2.508	76	884	0.324	ug/l #	74
20) Methylene Chloride	2.794	84	525	0.398	ug/l #	73
31) Cyclohexane	5.544	56	2723	1.417	ug/l #	41
36) 1,1-Dichloropropene	5.550	75	8911	4.787	ug/l #	49
38) Carbon Tetrachloride	5.550	117	11791	5.711	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1004	0.536	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46914	26.793	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	46914	85.255	ug/l #	6
94) Hexachlorobutadiene	13.725	225	354	0.457	ug/l	96

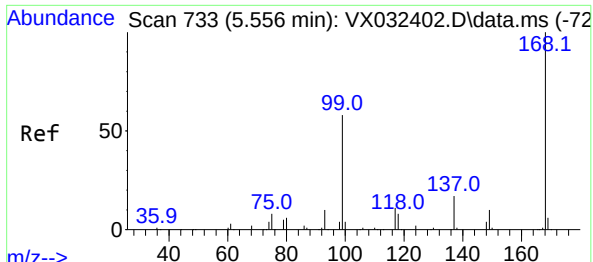
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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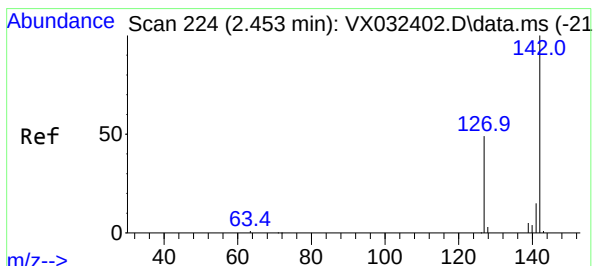
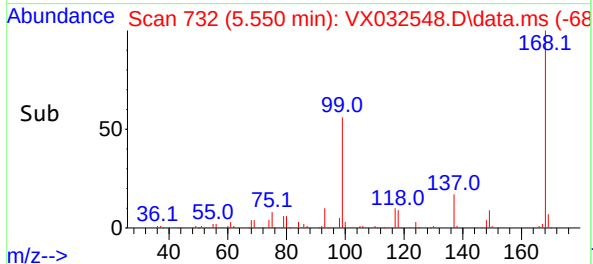
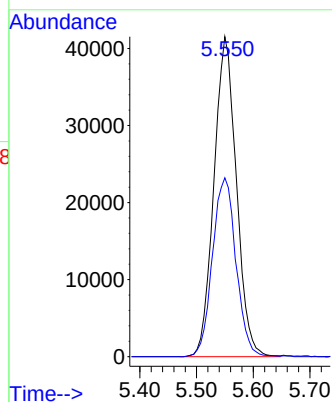
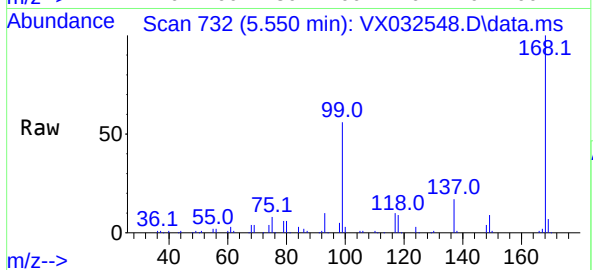




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032548.D
Acq: 03 Nov 2022 10:53

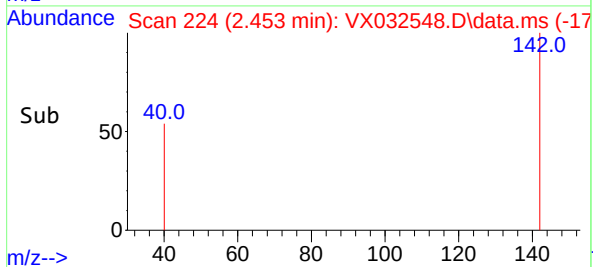
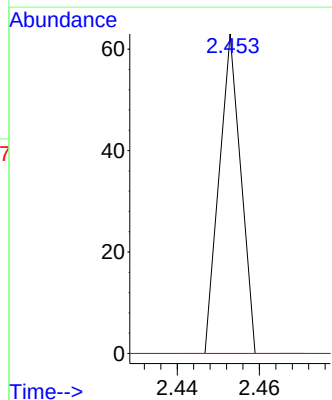
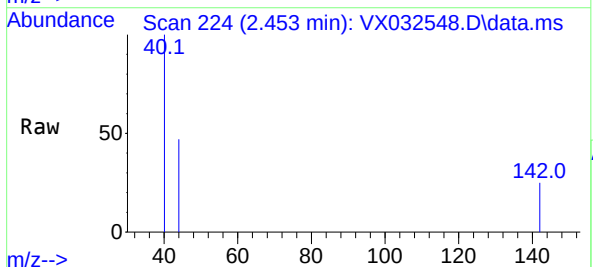
Instrument :
MSVOA_X
ClientSampleId :
VX1103MBL01

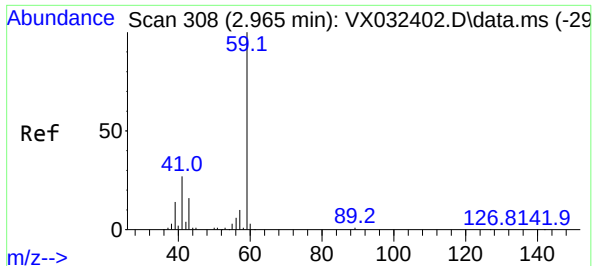
Tgt Ion:168 Resp: 114057
Ion Ratio Lower Upper
168 100
99 55.9 46.1 69.1



#10
Methyl Iodide
Concen: 1.933 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032548.D
Acq: 03 Nov 2022 10:53

Tgt Ion:142 Resp: 23
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 0.455 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX032548.D

Acq: 03 Nov 2022 10:53

Instrument :

MSVOA_X

ClientSampleId :

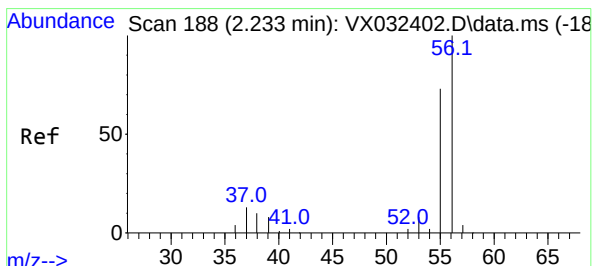
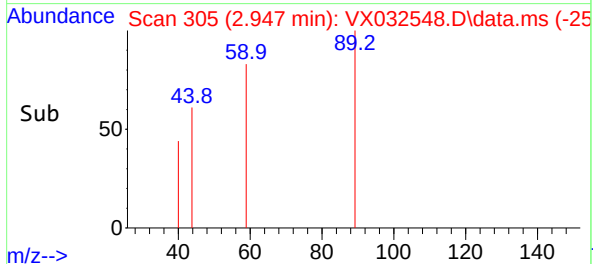
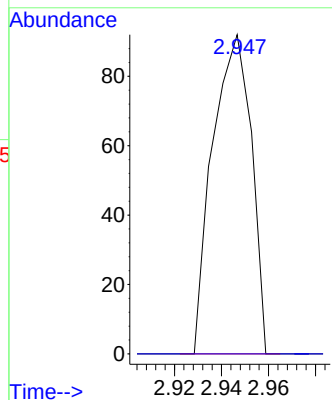
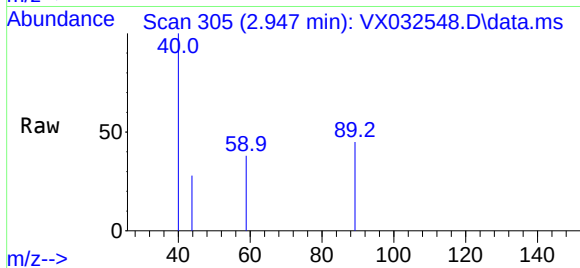
VX1103MBL01

Tgt Ion: 59 Resp: 105

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#13

Acrolein

Concen: 0.235 ug/l

RT: 2.246 min Scan# 190

Delta R.T. 0.012 min

Lab File: VX032548.D

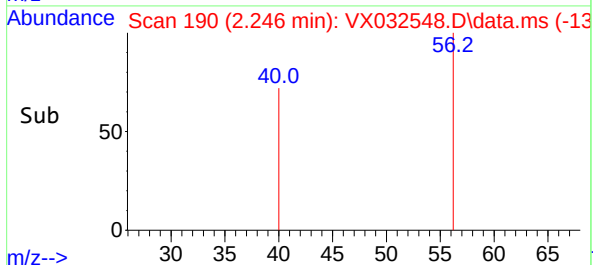
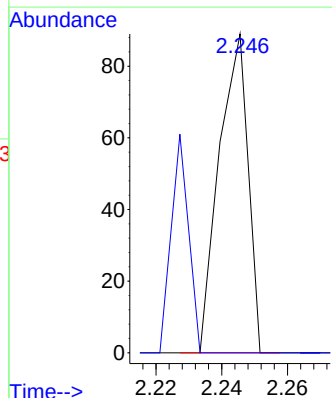
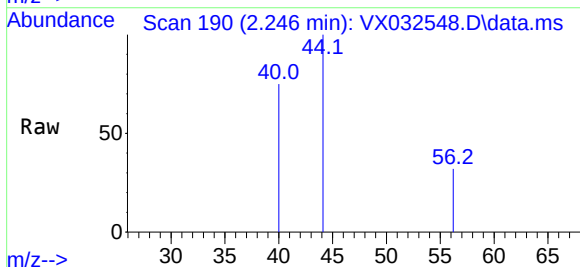
Acq: 03 Nov 2022 10:53

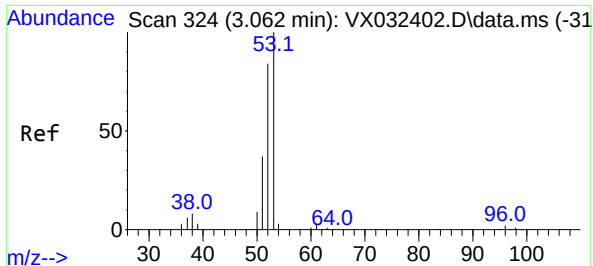
Tgt Ion: 56 Resp: 54

Ion Ratio Lower Upper

56 100

55 40.7 56.9 85.3#

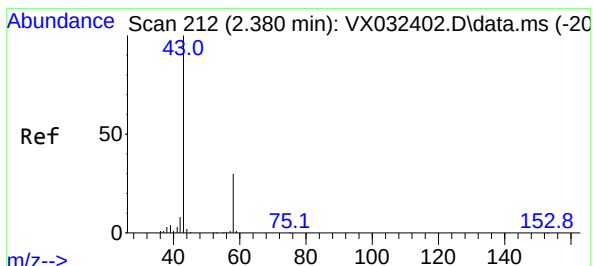
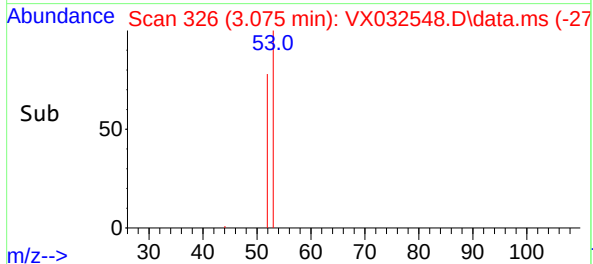
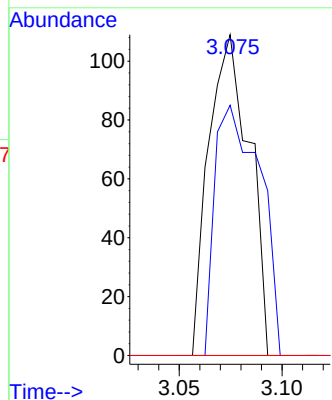
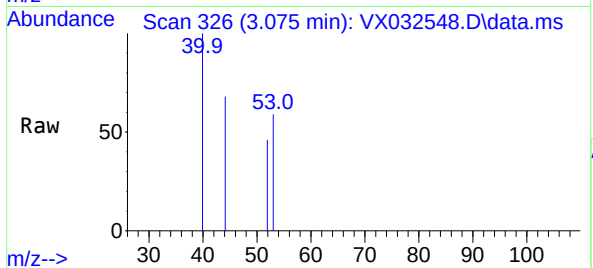




#15
Acrylonitrile
Concen: 0.240 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX032548.D
Acq: 03 Nov 2022 10:53

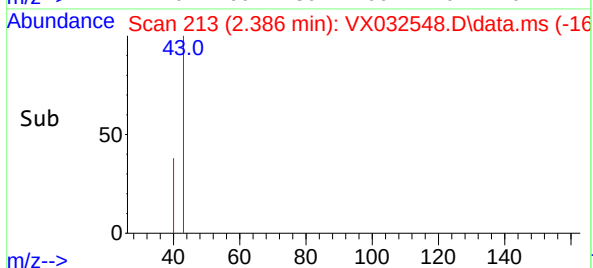
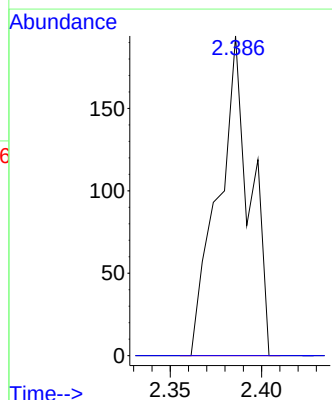
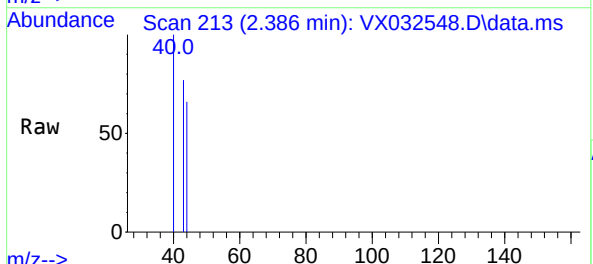
Instrument :
MSVOA_X
ClientSampleId :
VX1103MBL01

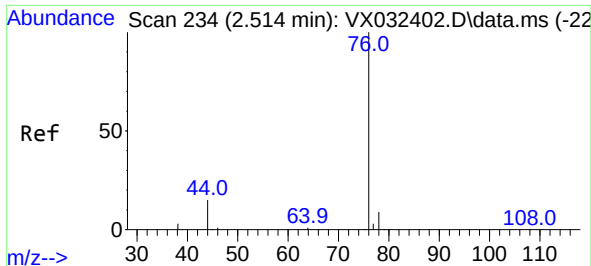
Tgt Ion: 53 Resp: 150
Ion Ratio Lower Upper
53 100
52 86.7 67.4 101.0
51 0.0 30.3 45.5#



#16
Acetone
Concen: 0.408 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032548.D
Acq: 03 Nov 2022 10:53

Tgt Ion: 43 Resp: 235
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

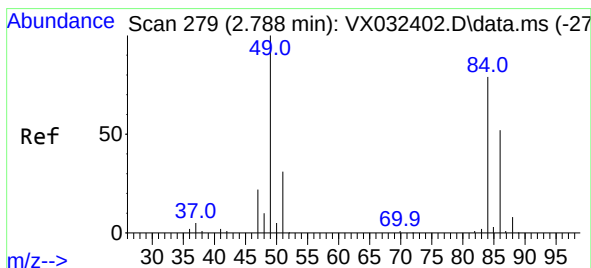
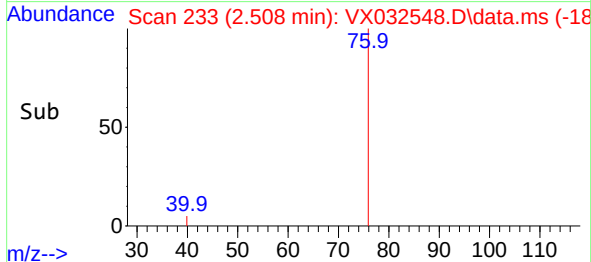
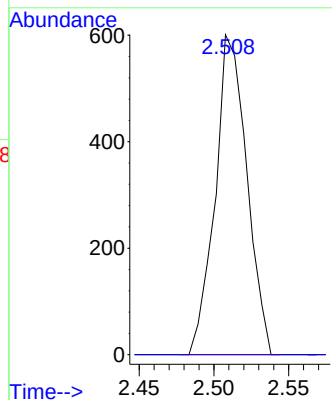
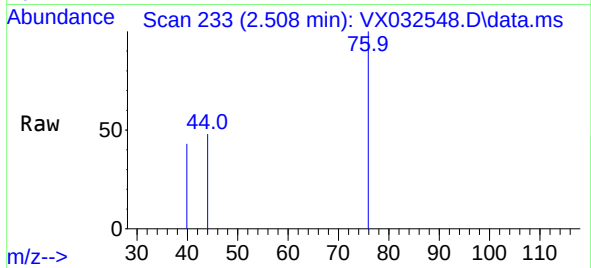




#17
Carbon Disulfide
Concen: 0.324 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX032548.D
Acq: 03 Nov 2022 10:53

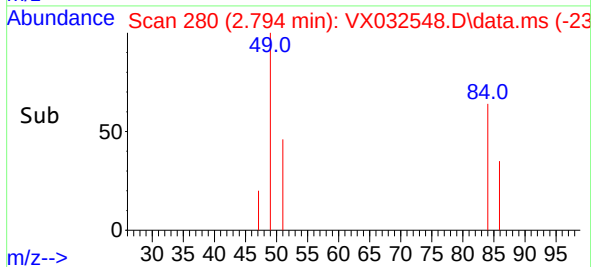
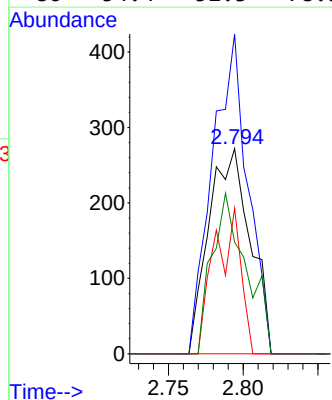
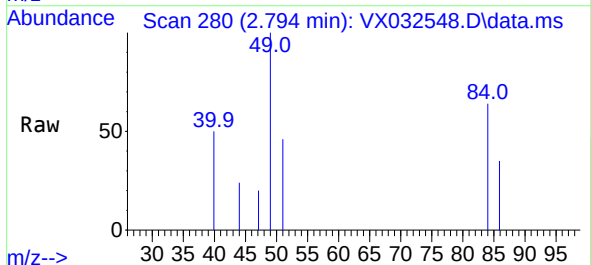
Instrument :
MSVOA_X
ClientSampleId :
VX1103MBL01

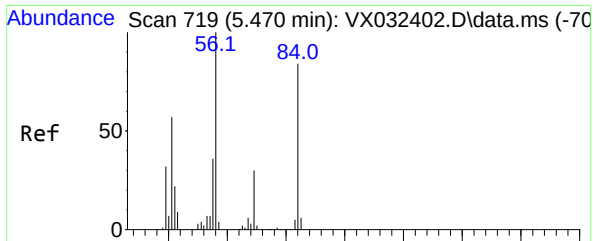
Tgt Ion: 76 Resp: 884
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: 0.398 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032548.D
Acq: 03 Nov 2022 10:53

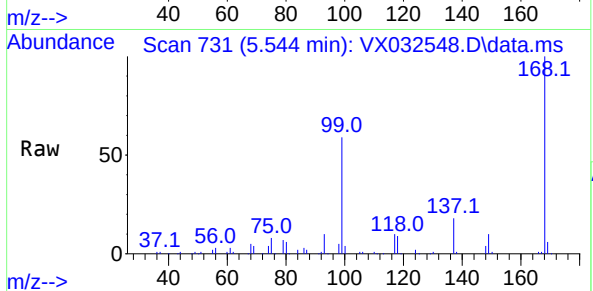
Tgt Ion: 84 Resp: 525
Ion Ratio Lower Upper
84 100
49 155.9 101.0 151.6#
51 71.0 31.1 46.7#
86 54.4 52.3 78.5



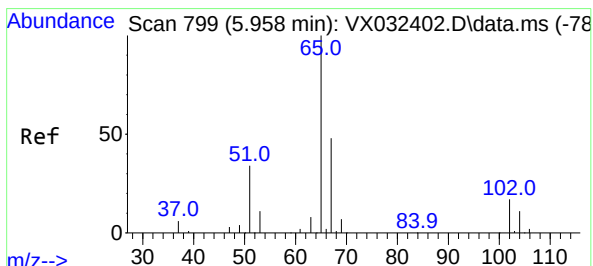
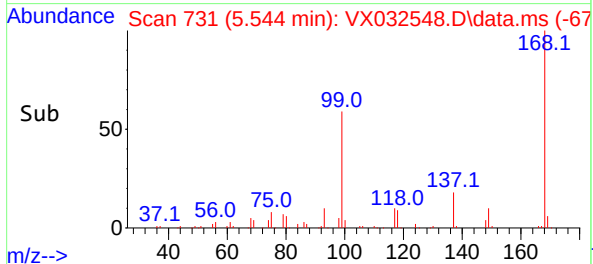
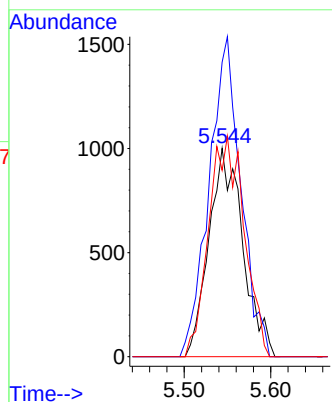


#31
Cyclohexane
Concen: 1.417 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX032548.D
Acq: 03 Nov 2022 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX1103MBL01

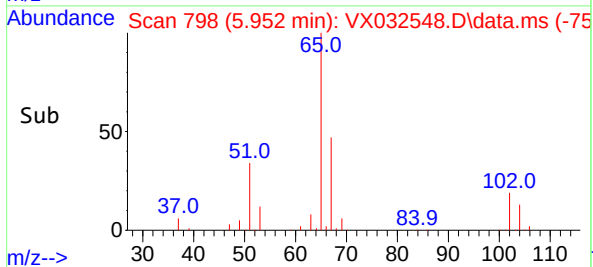
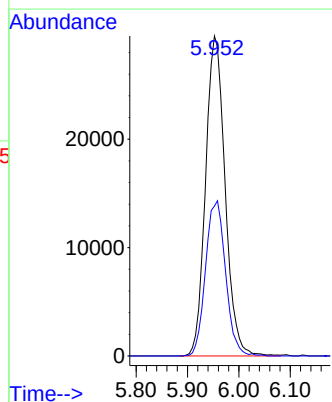
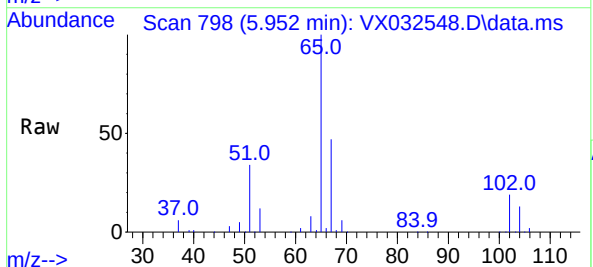


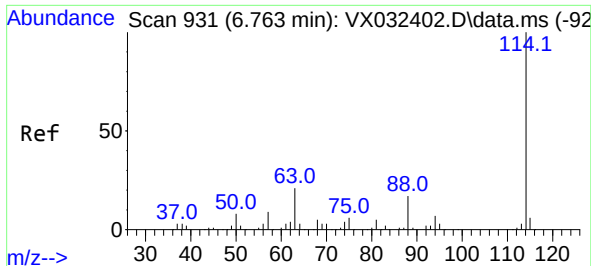
Tgt Ion: 56 Resp: 2723
Ion Ratio Lower Upper
56 100
69 141.3 24.1 36.1#
84 89.4 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 49.269 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032548.D
Acq: 03 Nov 2022 10:53

Tgt Ion: 65 Resp: 78081
Ion Ratio Lower Upper
65 100
67 49.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX032548.D

Acq: 03 Nov 2022 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX1103MBL01

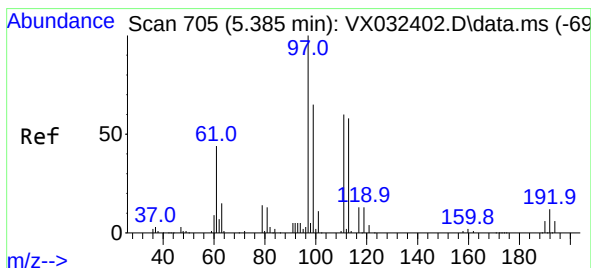
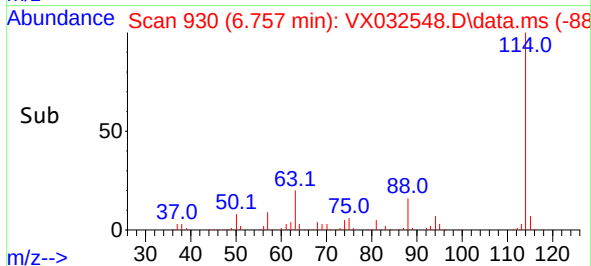
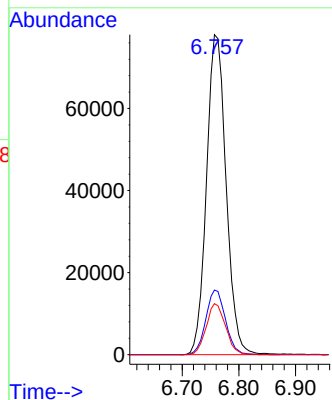
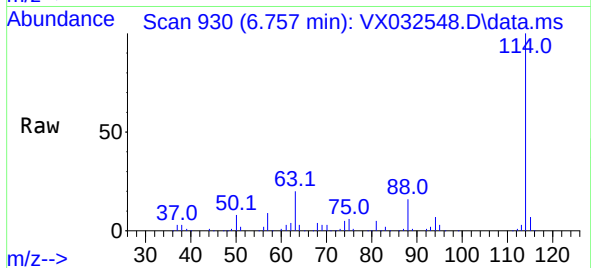
Tgt Ion:114 Resp: 187413

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.6

88 15.9 0.0 33.4



#35

Dibromofluoromethane

Concen: 46.898 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032548.D

Acq: 03 Nov 2022 10:53

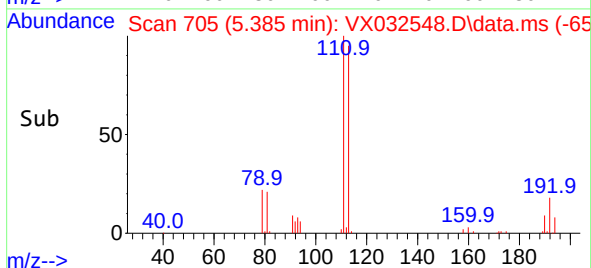
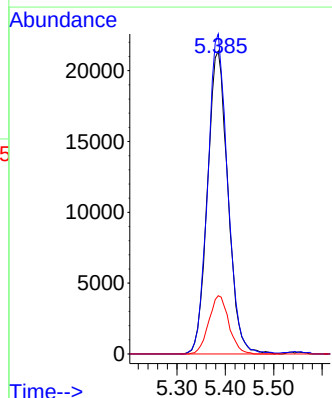
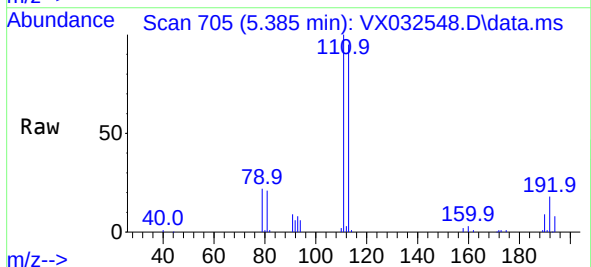
Tgt Ion:113 Resp: 62695

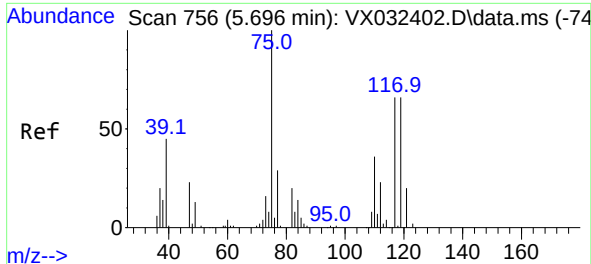
Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

192 18.8 15.4 23.2

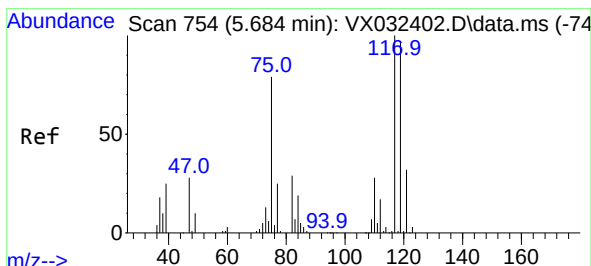
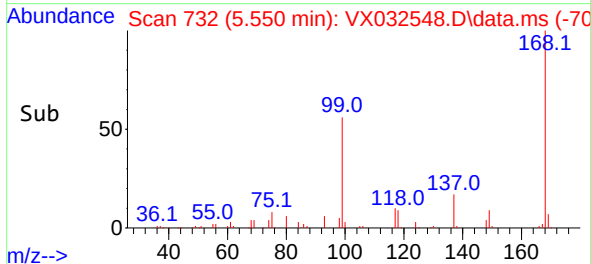
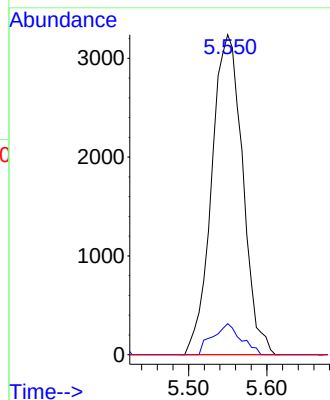
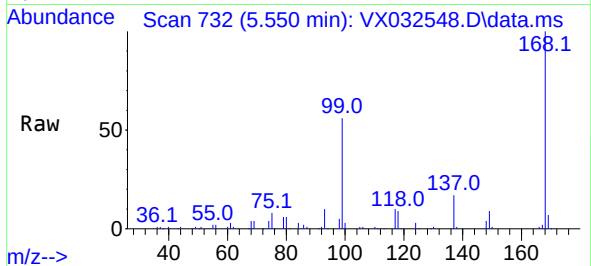




#36
1,1-Dichloropropene
Concen: 4.787 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX032548.D
Acq: 03 Nov 2022 10:53

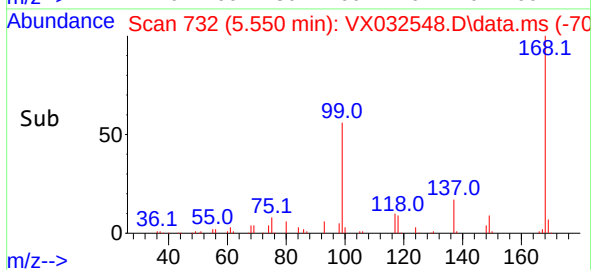
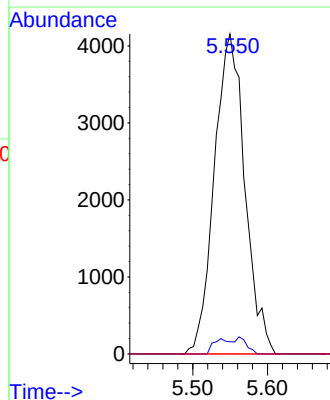
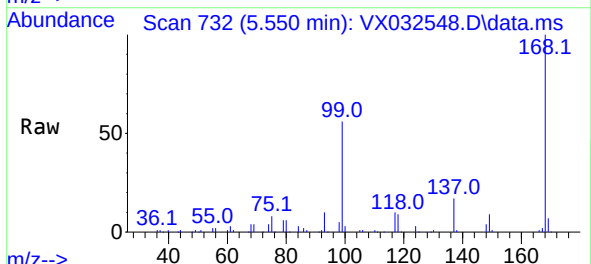
Instrument :
MSVOA_X
ClientSampleId :
VX1103MBL01

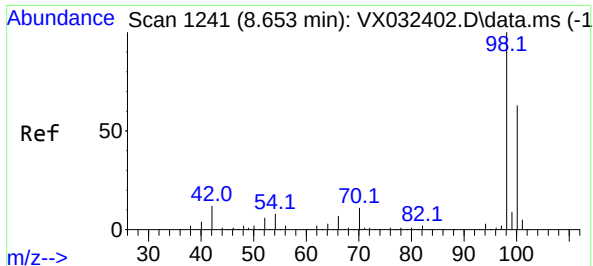
Tgt Ion: 75 Resp: 8911
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.711 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032548.D
Acq: 03 Nov 2022 10:53

Tgt Ion: 117 Resp: 11791
Ion Ratio Lower Upper
117 100
119 3.8 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 48.407 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032548.D

Acq: 03 Nov 2022 10:53

Instrument :

MSVOA_X

ClientSampleId :

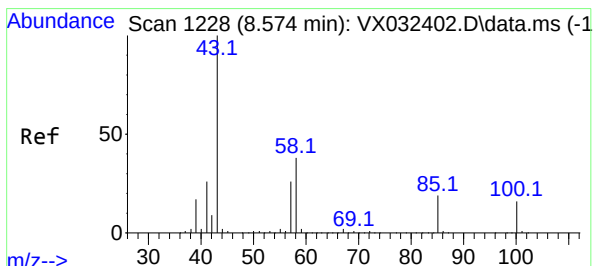
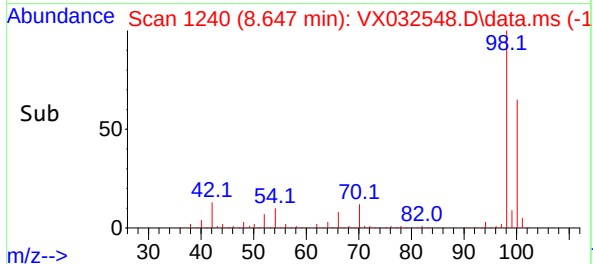
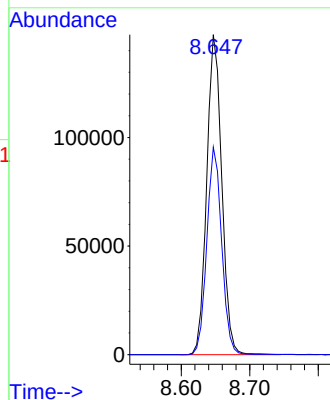
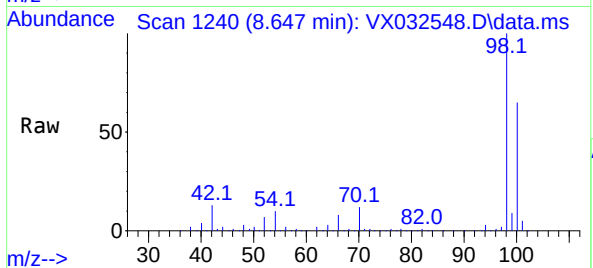
VX1103MBL01

Tgt Ion: 98 Resp: 225018

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.536 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032548.D

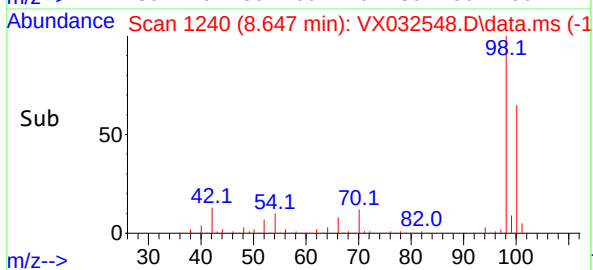
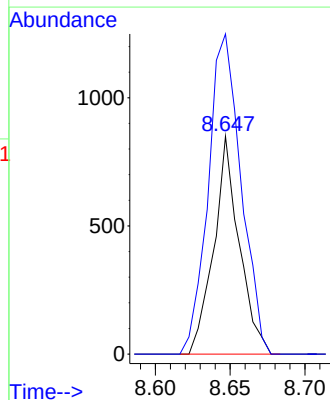
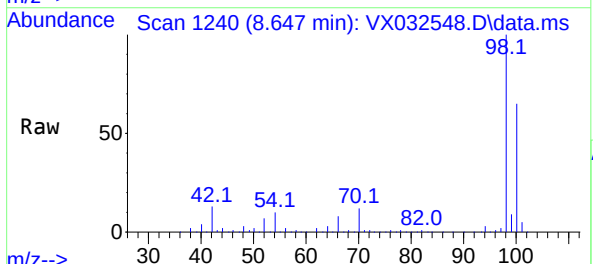
Acq: 03 Nov 2022 10:53

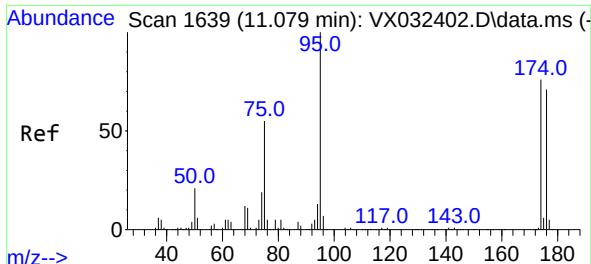
Tgt Ion: 43 Resp: 1004

Ion Ratio Lower Upper

43 100

58 190.0 30.9 46.3#

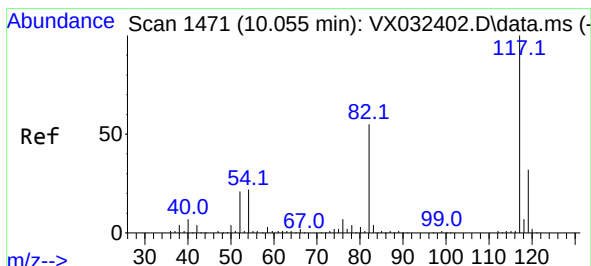
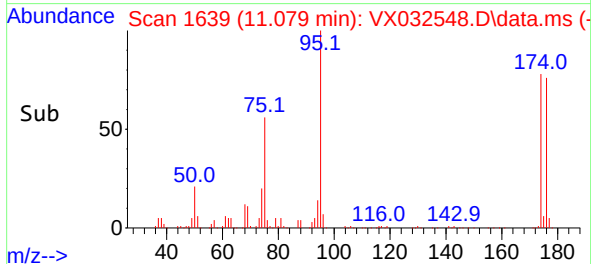
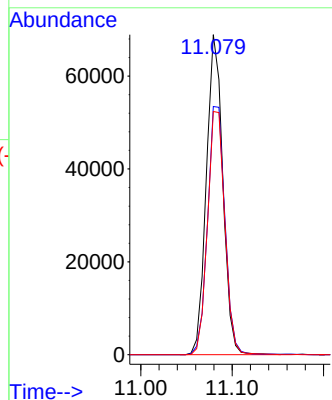
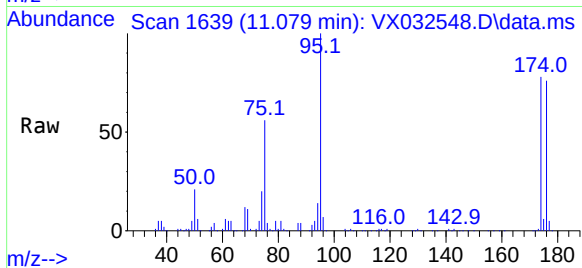




#62
4-Bromofluorobenzene
Concen: 47.342 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032548.D
Acq: 03 Nov 2022 10:53

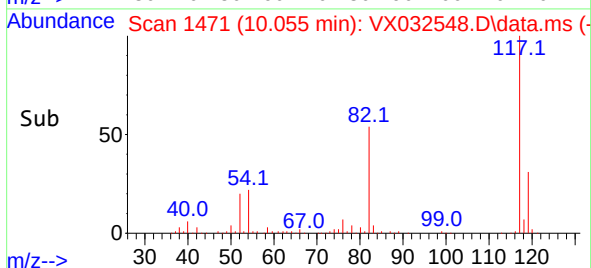
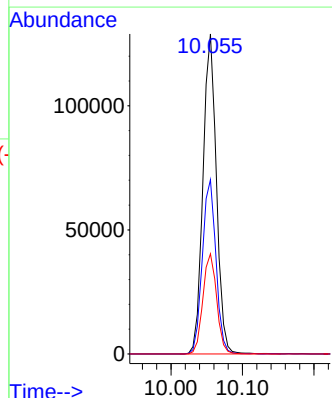
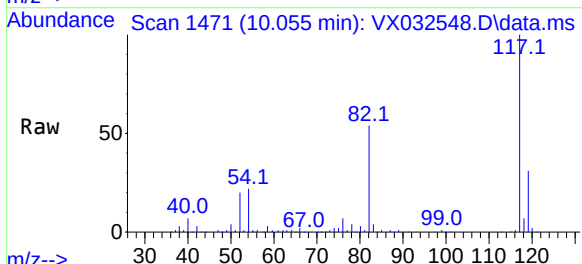
Instrument :
MSVOA_X
ClientSampleId :
VX1103MBL01

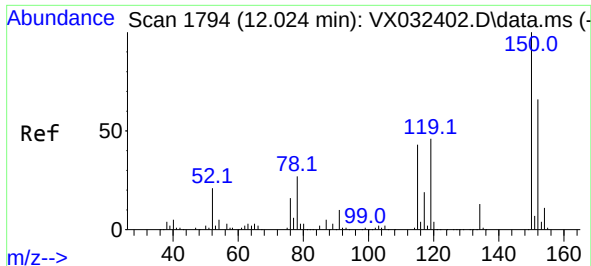
Tgt Ion: 95 Resp: 85963
Ion Ratio Lower Upper
95 100
174 81.9 0.0 164.0
176 79.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032548.D
Acq: 03 Nov 2022 10:53

Tgt Ion: 117 Resp: 168275
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 31.3 25.7 38.5

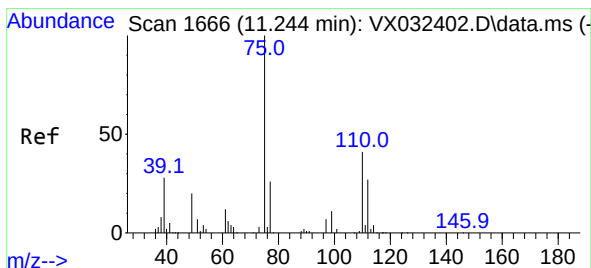
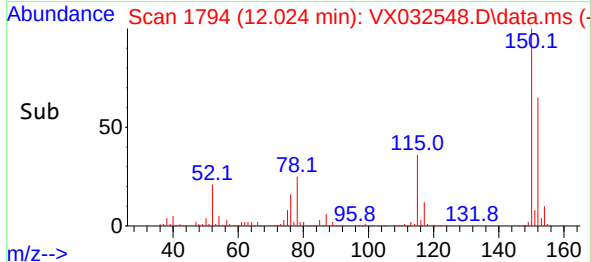
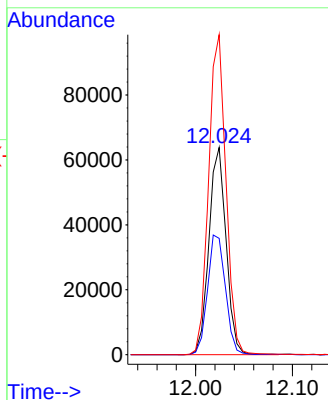
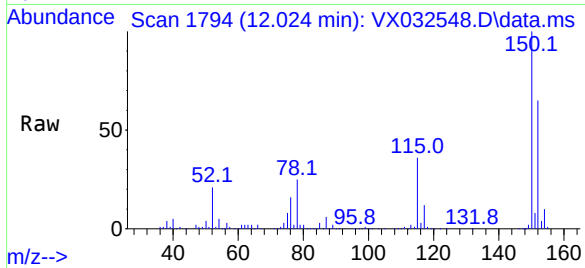




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032548.D
Acq: 03 Nov 2022 10:53

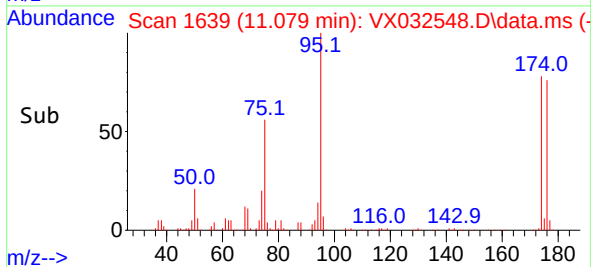
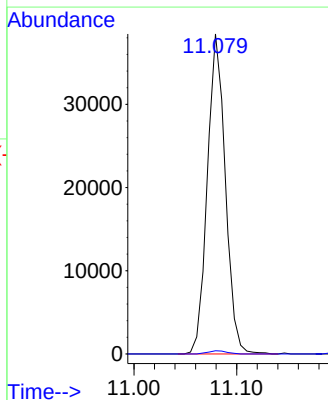
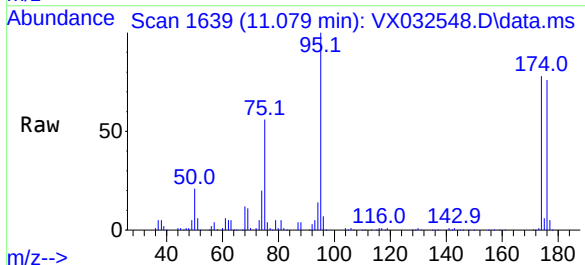
Instrument :
MSVOA_X
ClientSampleId :
VX1103MBL01

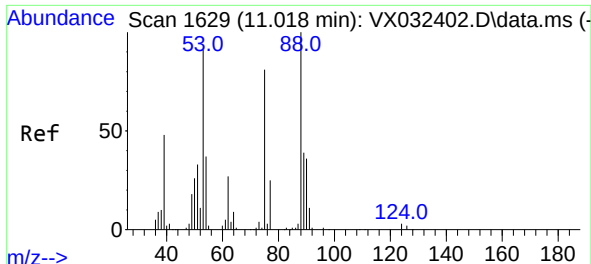
Tgt Ion:152 Resp: 78705
Ion Ratio Lower Upper
152 100
115 60.2 44.0 132.0
150 156.1 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 26.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX032548.D
Acq: 03 Nov 2022 10:53

Tgt Ion: 75 Resp: 46914
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#

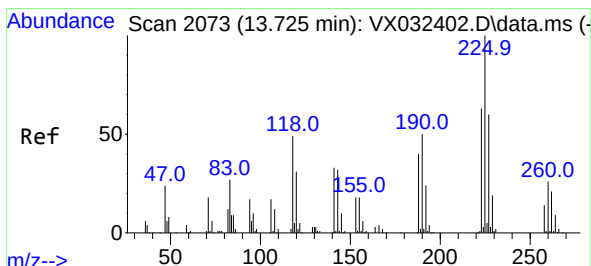
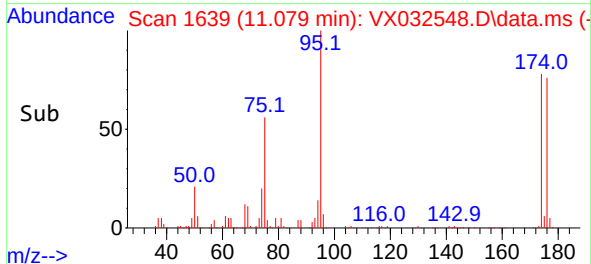
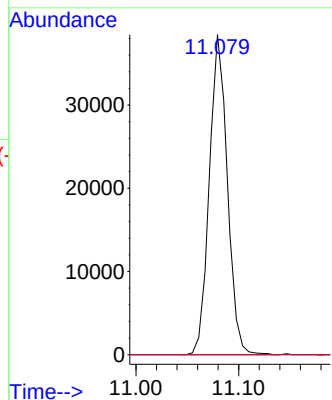
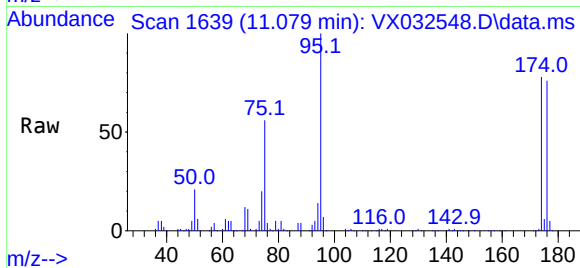




#81
trans-1,4-Dichloro-2-butene
Concen: 85.255 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032548.D
Acq: 03 Nov 2022 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX1103MBL01

Tgt Ion: 75 Resp: 46914
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#94
Hexachlorobutadiene
Concen: 0.457 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032548.D
Acq: 03 Nov 2022 10:53

Tgt Ion: 225 Resp: 354
Ion Ratio Lower Upper
225 100
223 66.4 31.9 95.9
227 67.5 31.9 95.5

