

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033052.D
 Acq On : 24 Nov 2022 10:16
 Operator : JC/MD
 Sample : N5742-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB111722

Quant Time: Nov 25 06:39:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

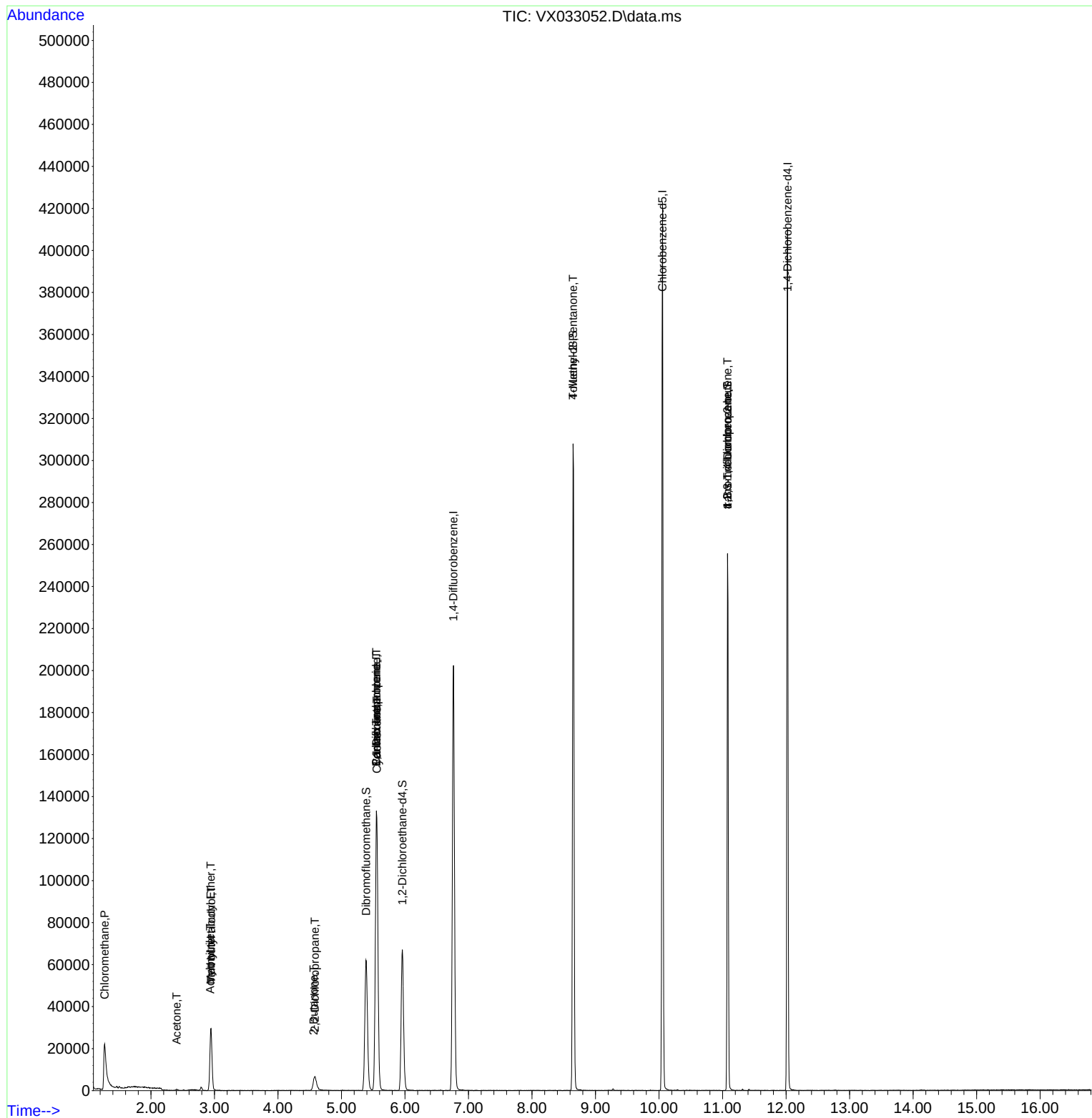
Internal Standards						
1) Pentafluorobenzene	5.550	168	126030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203841	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67541	55.168	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.340%
35) Dibromofluoromethane	5.385	113	54374	47.315	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.640%
50) Toluene-d8	8.647	98	182958	53.045	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.100%
62) 4-Bromofluorobenzene	11.079	95	65396	43.321	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.640%
Target Compounds						
					Qvalue	
3) Chloromethane	1.270	50	1025	0.986	ug/l #	43
11) Tert butyl alcohol	2.946	59	17202	88.416	ug/l #	76
15) Acrylonitrile	2.934	53	266	0.483	ug/l #	17
16) Acetone	2.404	43	730	1.274	ug/l	99
19) Methyl tert-butyl Ether	2.940	73	845	0.222	ug/l	99
20) Methylene Chloride	2.794	84	668	Below Cal		83
25) 2-Butanone	4.562	43	204	0.258	ug/l #	47
26) 2,2-Dichloropropane	4.580	77	606	0.341	ug/l #	53
31) Cyclohexane	5.556	56	2606	1.310	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9942	5.411	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13213	6.482	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	765	0.468	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35547	22.742	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35547	73.921	ug/l #	6

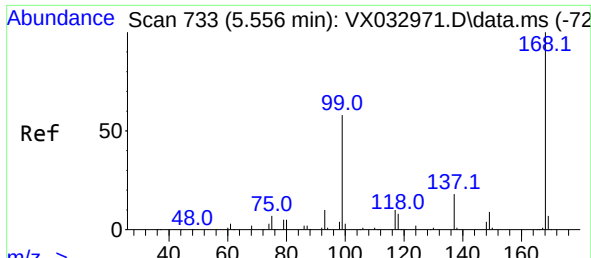
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 22 13:58:46 2022
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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: VX033052.D

Acq: 24 Nov 2022 10:16

Instrument :

MSVOA_X

ClientSampleId :

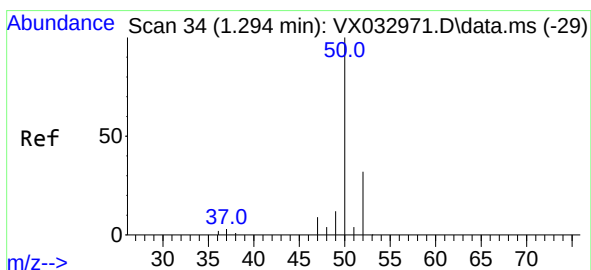
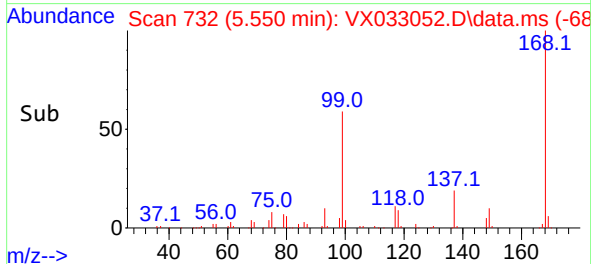
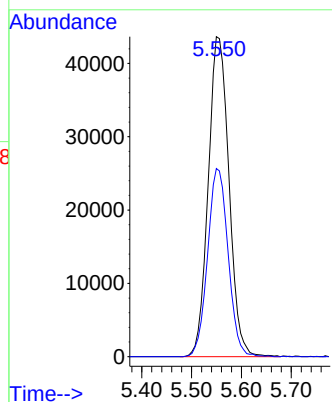
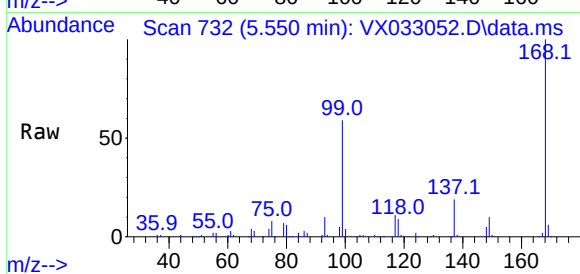
FB111722

Tgt Ion:168 Resp: 126030

Ion Ratio Lower Upper

168 100

99 58.8 46.1 69.1



#3

Chloromethane

Concen: 0.986 ug/l

RT: 1.270 min Scan# 30

Delta R.T. -0.024 min

Lab File: VX033052.D

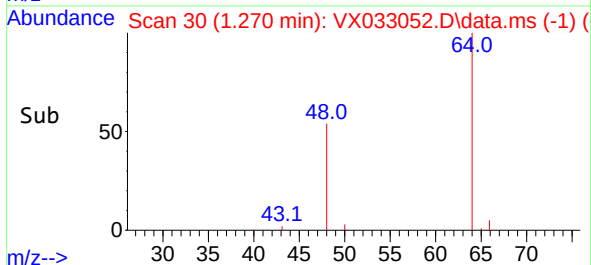
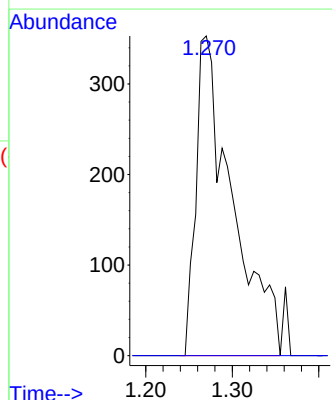
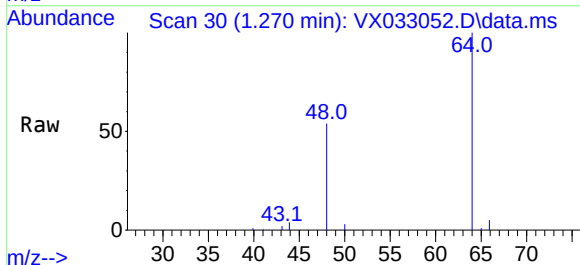
Acq: 24 Nov 2022 10:16

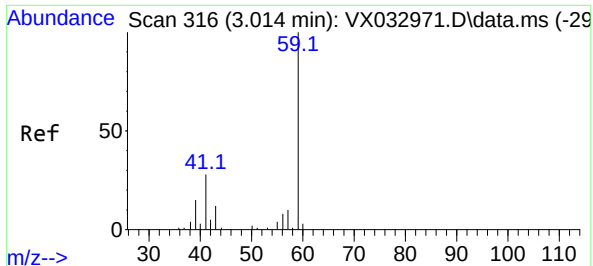
Tgt Ion: 50 Resp: 1025

Ion Ratio Lower Upper

50 100

52 0.0 25.4 38.2#

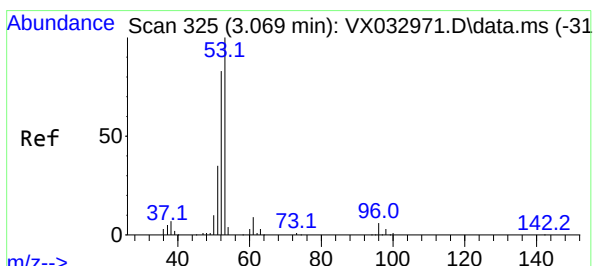
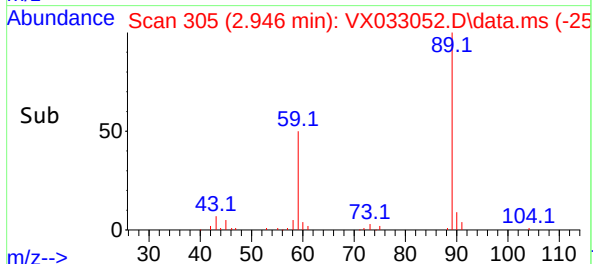
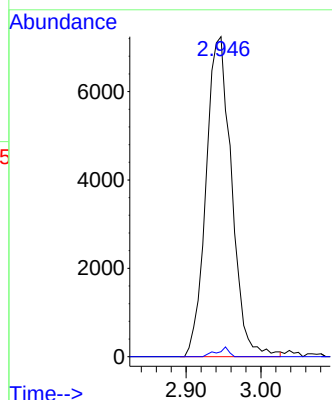
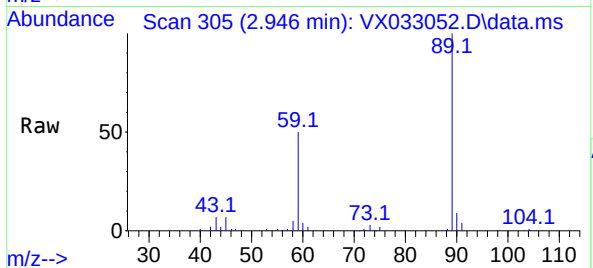




#11
Tert butyl alcohol
Concen: 88.416 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.019 min
Lab File: VX033052.D
Acq: 24 Nov 2022 10:16

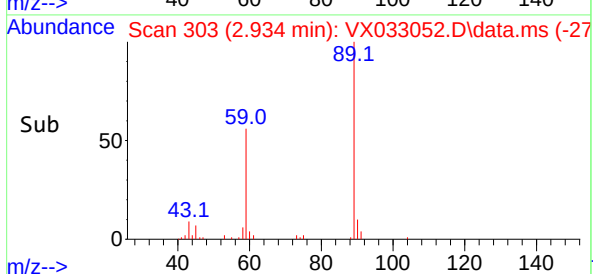
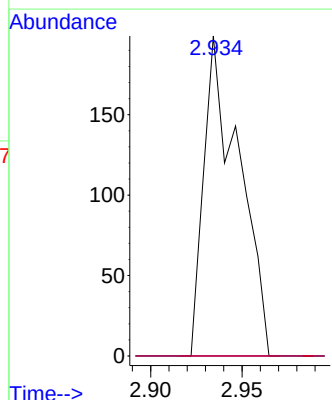
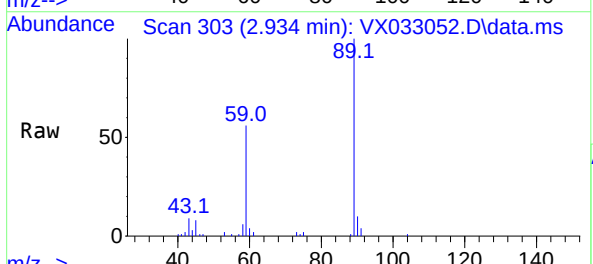
Instrument :
MSVOA_X
ClientSampleId :
FB111722

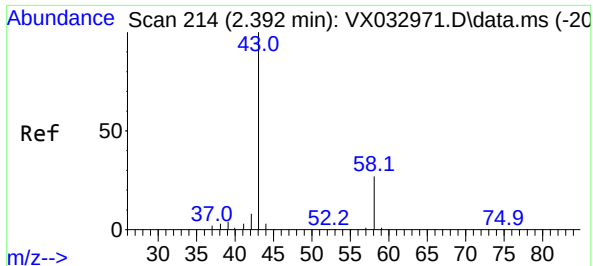
Tgt Ion: 59 Resp: 17202
Ion Ratio Lower Upper
59 100
57 1.4 8.2 12.4#



#15
Acrylonitrile
Concen: 0.483 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.128 min
Lab File: VX033052.D
Acq: 24 Nov 2022 10:16

Tgt Ion: 53 Resp: 266
Ion Ratio Lower Upper
53 100
52 0.0 67.4 101.0#
51 0.0 30.3 45.5#

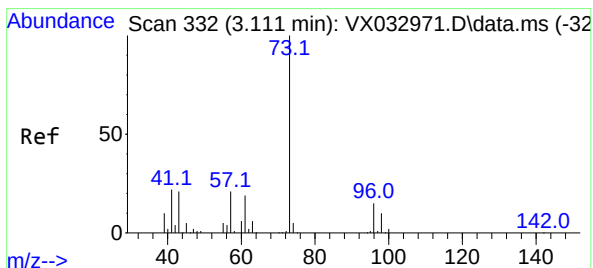
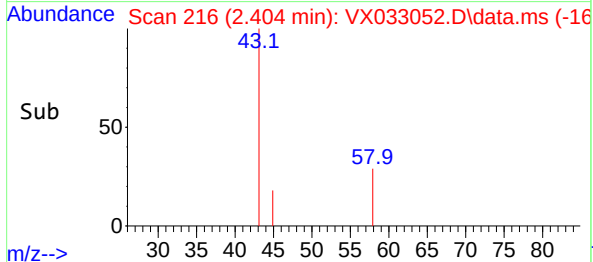
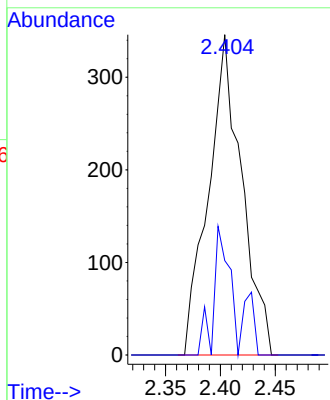
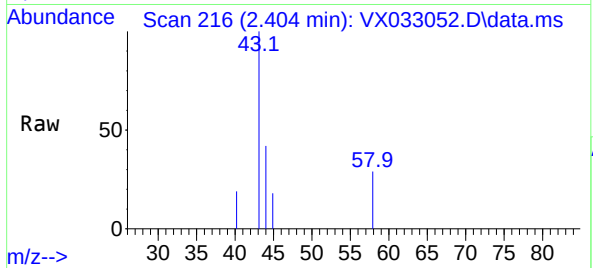




#16
Acetone
Concen: 1.274 ug/l
RT: 2.404 min Scan# 214
Delta R.T. 0.024 min
Lab File: VX033052.D
Acq: 24 Nov 2022 10:16

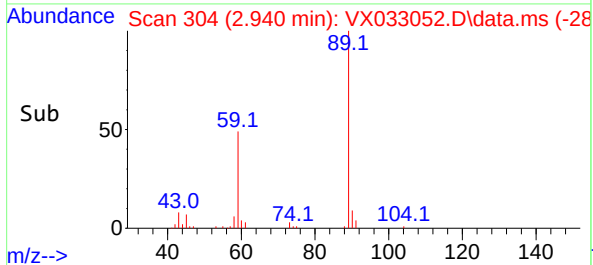
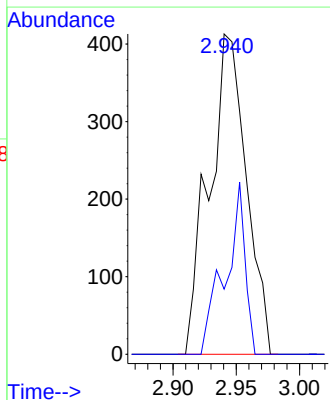
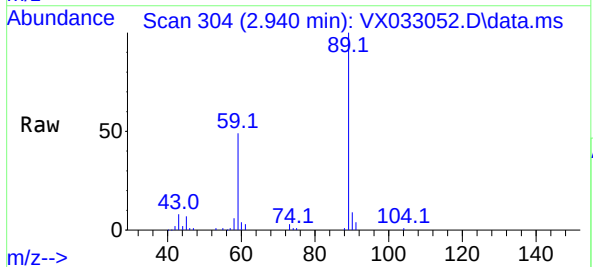
Instrument :
MSVOA_X
ClientSampleId :
FB111722

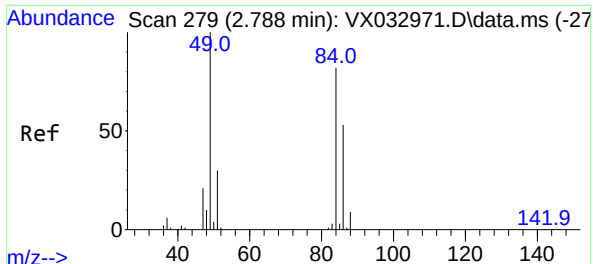
Tgt Ion: 43 Resp: 730
Ion Ratio Lower Upper
43 100
58 29.5 23.8 35.8



#19
Methyl tert-butyl Ether
Concen: 0.222 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.171 min
Lab File: VX033052.D
Acq: 24 Nov 2022 10:16

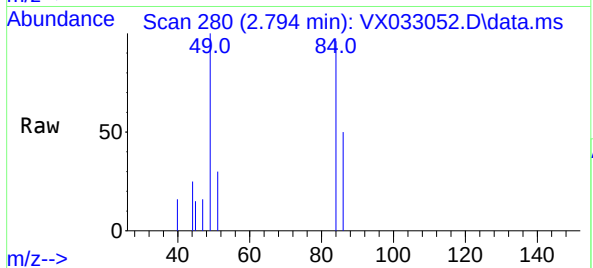
Tgt Ion: 73 Resp: 845
Ion Ratio Lower Upper
73 100
57 20.3 16.6 25.0





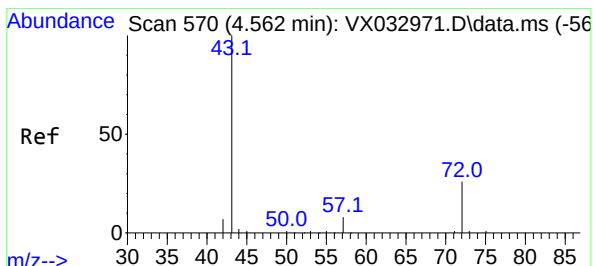
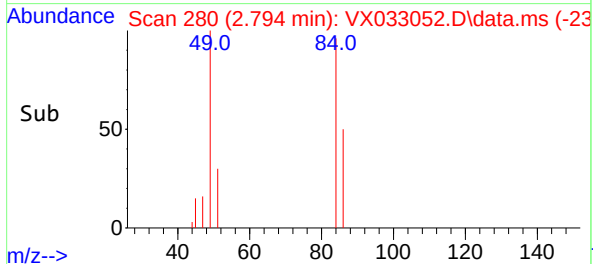
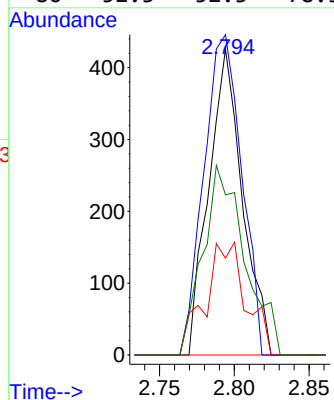
#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033052.D
Acq: 24 Nov 2022 10:16

Instrument :
MSVOA_X
ClientSampleId :
FB111722



Tgt Ion: 84 Resp: 668

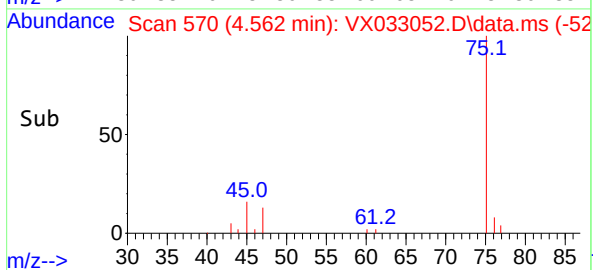
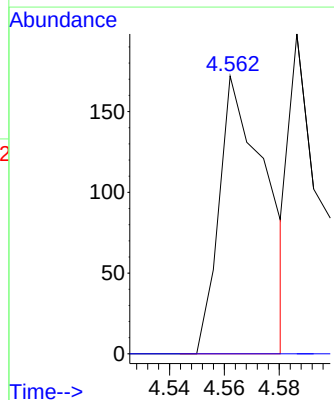
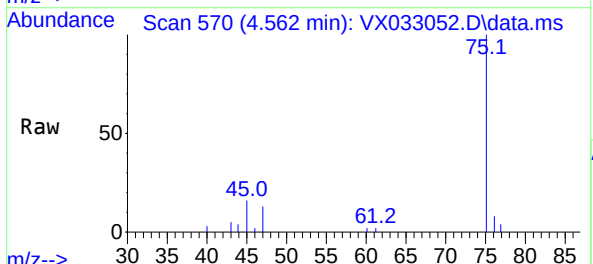
Ion	Ratio	Lower	Upper
84	100		
49	104.7	101.0	151.6
51	31.7	31.1	46.7
86	52.3	52.3	78.5

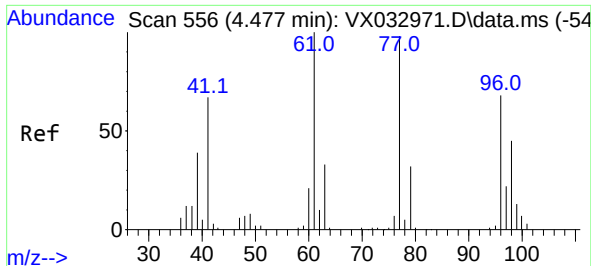


#25
2-Butanone
Concen: 0.258 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX033052.D
Acq: 24 Nov 2022 10:16

Tgt Ion: 43 Resp: 204

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.2	33.2#





#26

2,2-Dichloropropane

Concen: 0.341 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.103 min

Lab File: VX033052.D

Acq: 24 Nov 2022 10:16

Instrument :

MSVOA_X

ClientSampleId :

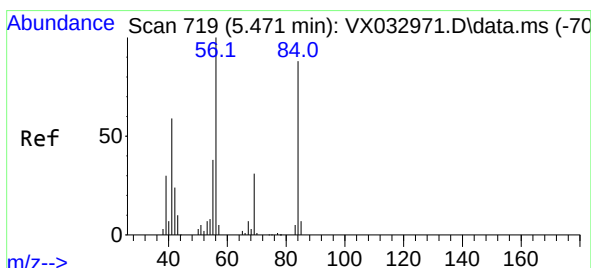
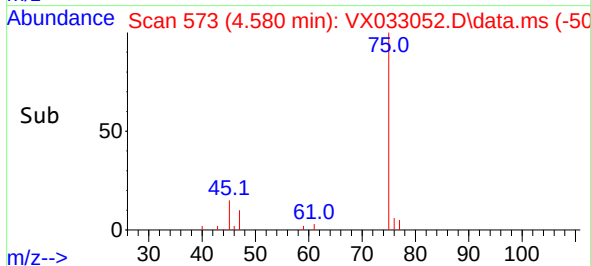
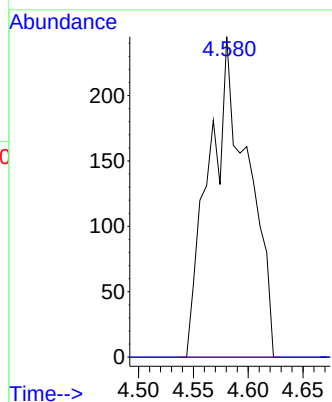
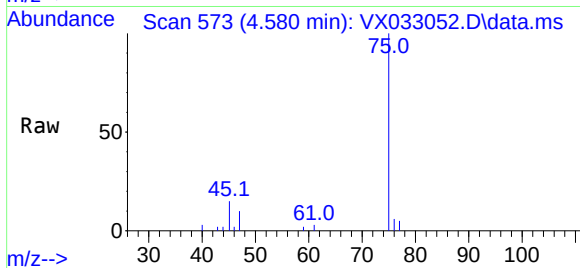
FB111722

Tgt Ion: 77 Resp: 606

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#



#31

Cyclohexane

Concen: 1.310 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX033052.D

Acq: 24 Nov 2022 10:16

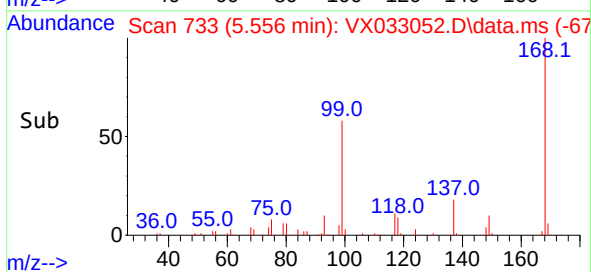
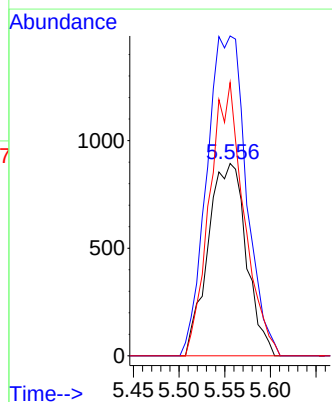
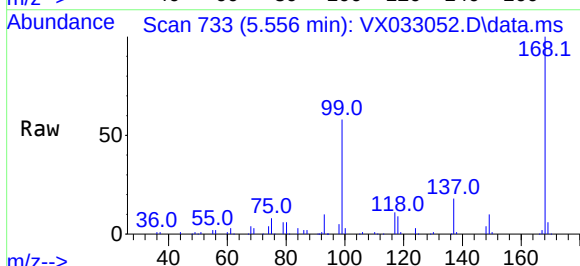
Tgt Ion: 56 Resp: 2606

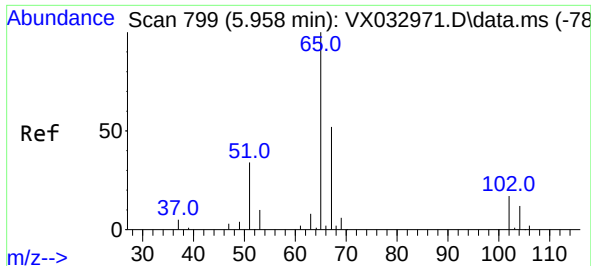
Ion Ratio Lower Upper

56 100

69 166.2 24.1 36.1#

84 142.1 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 55.168 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033052.D

Acq: 24 Nov 2022 10:16

Instrument :

MSVOA_X

ClientSampleId :

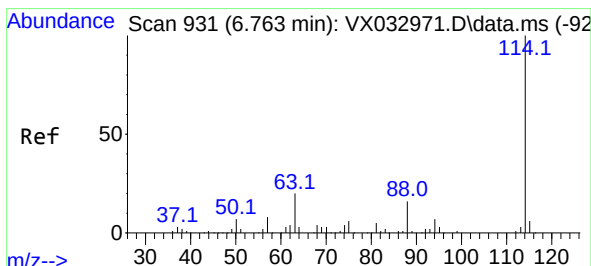
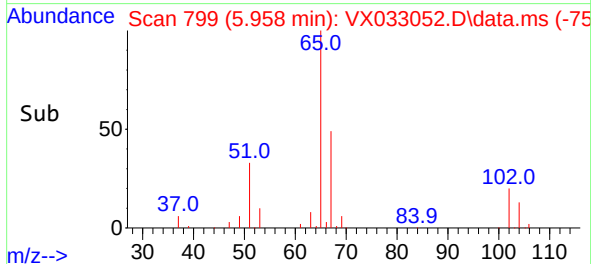
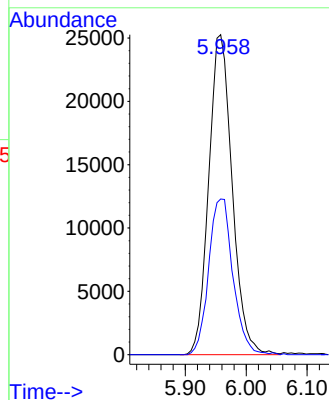
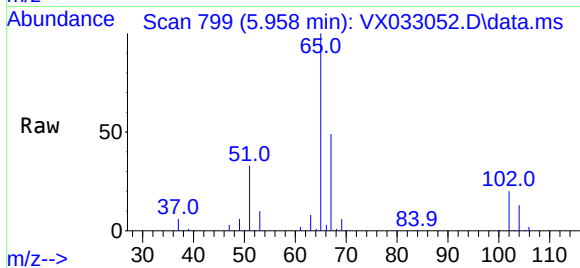
FB111722

Tgt Ion: 65 Resp: 67541

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033052.D

Acq: 24 Nov 2022 10:16

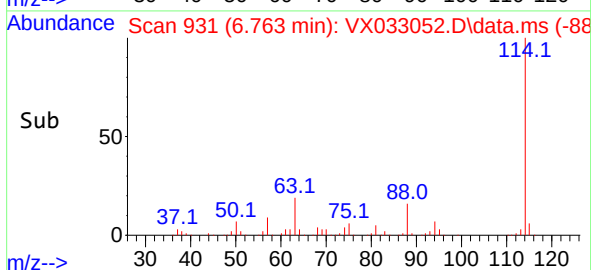
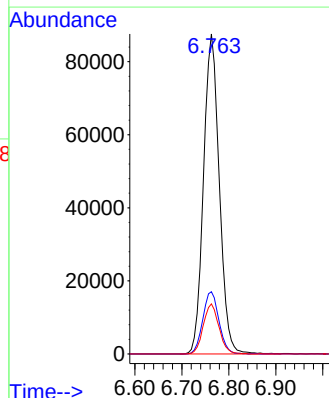
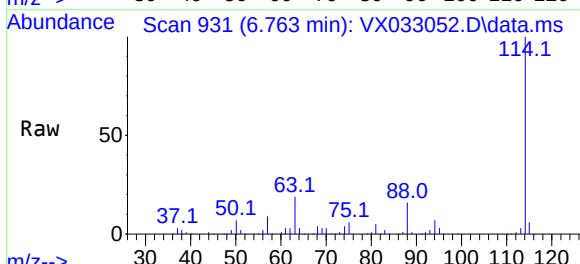
Tgt Ion: 114 Resp: 203841

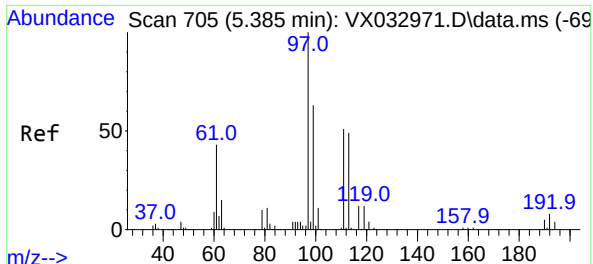
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

88 15.7 0.0 33.4

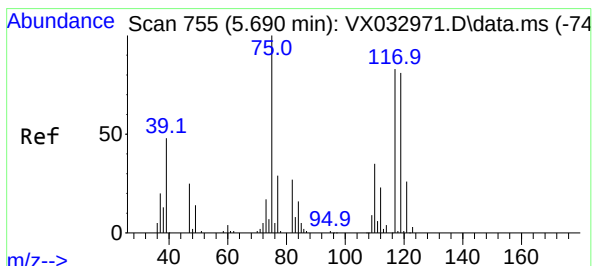
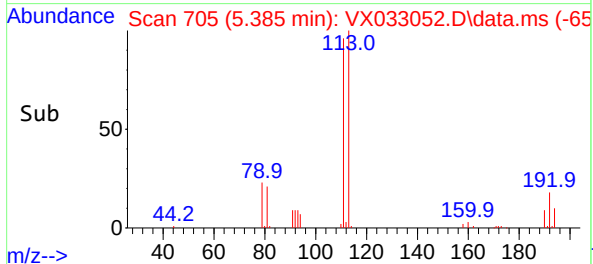
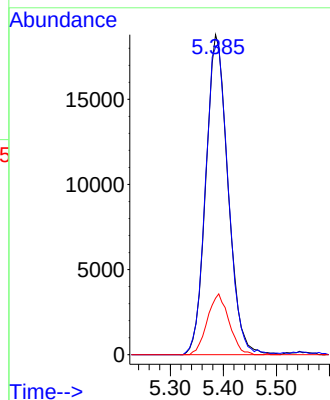
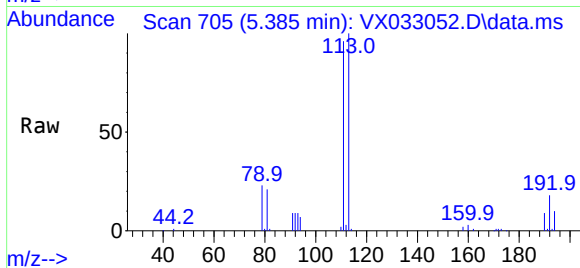




#35
Dibromofluoromethane
Concen: 47.315 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033052.D
Acq: 24 Nov 2022 10:16

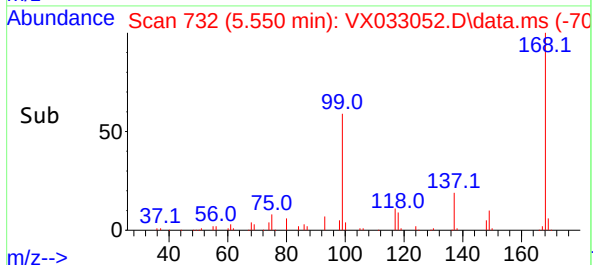
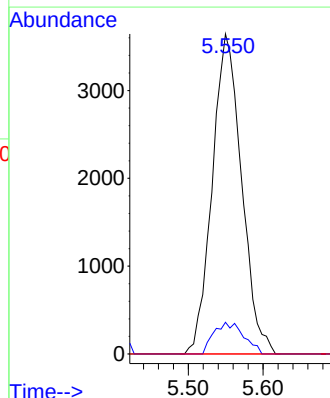
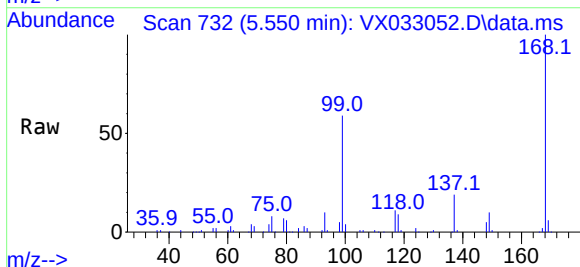
Instrument : MSVOA_X
ClientSampleId : FB111722

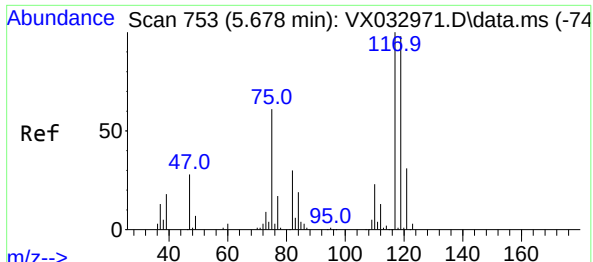
Tgt Ion:	113	Resp:	54374
Ion	Ratio	Lower	Upper
113	100		
111	99.8	82.4	123.6
192	18.7	15.4	23.2



#36
1,1-Dichloropropene
Concen: 5.411 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX033052.D
Acq: 24 Nov 2022 10:16

Tgt Ion:	75	Resp:	9942
Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.4	55.2#
77	0.0	24.5	36.7#

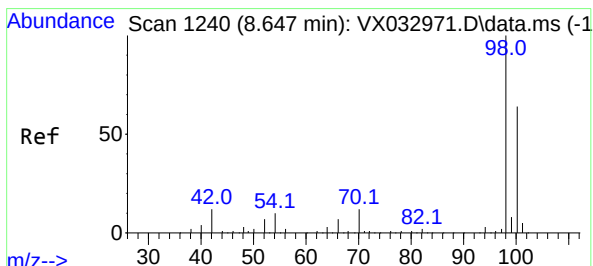
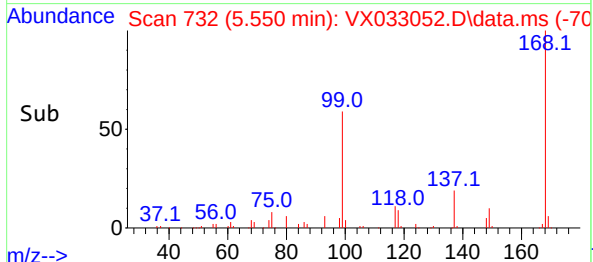
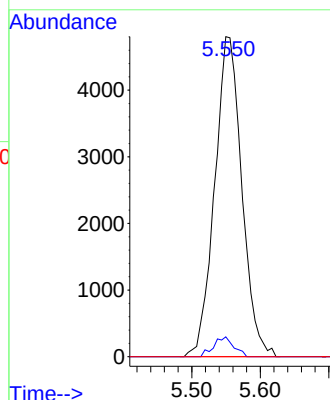
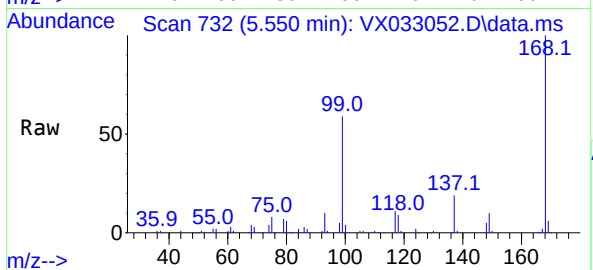




#38
Carbon Tetrachloride
Concen: 6.482 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033052.D
Acq: 24 Nov 2022 10:16

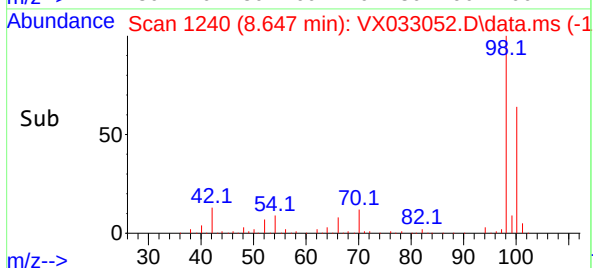
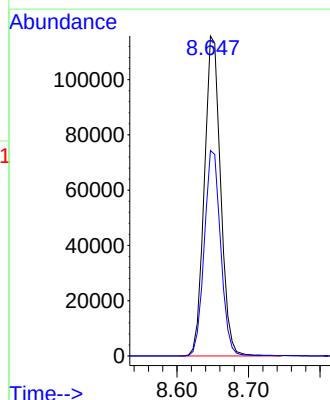
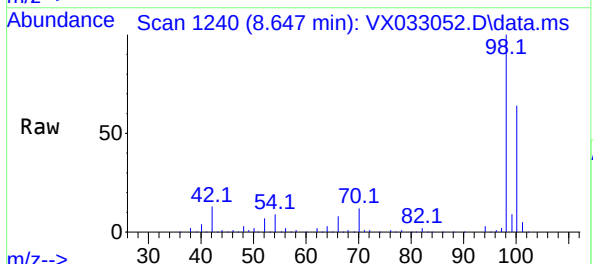
Instrument :
MSVOA_X
ClientSampleId :
FB111722

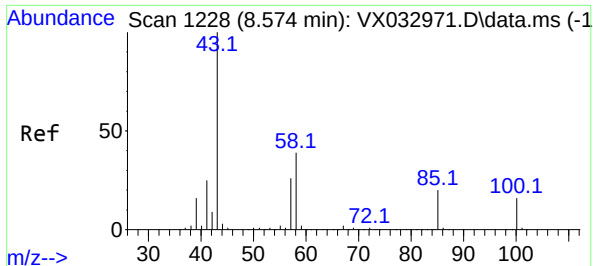
Tgt Ion:117 Resp: 13213
Ion Ratio Lower Upper
117 100
119 6.2 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 53.045 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033052.D
Acq: 24 Nov 2022 10:16

Tgt Ion: 98 Resp: 182958
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3

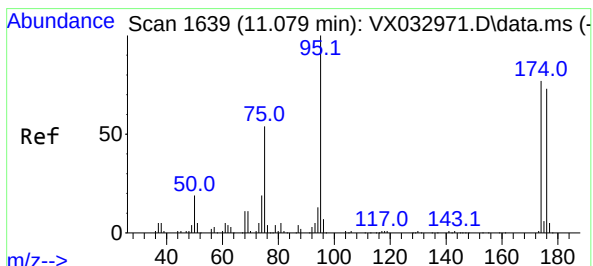
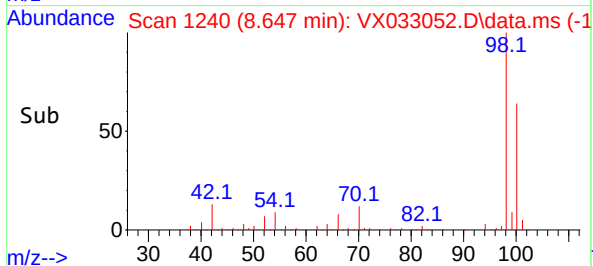
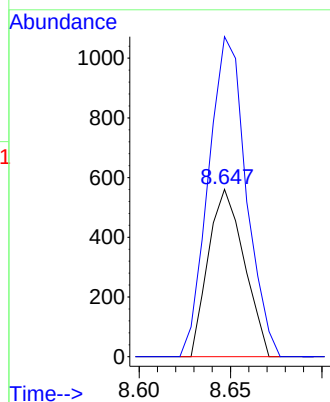
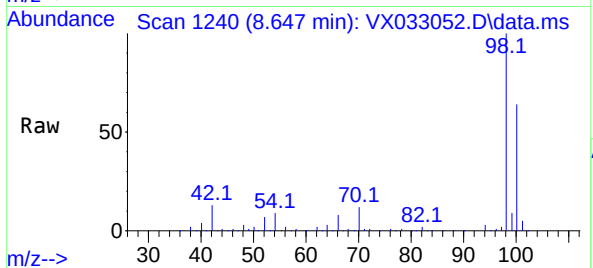




#51
4-Methyl-2-Pentanone
Concen: 0.468 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX033052.D
Acq: 24 Nov 2022 10:16

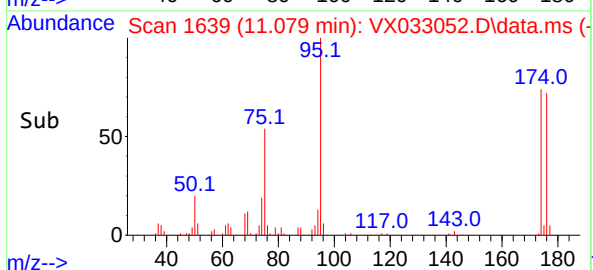
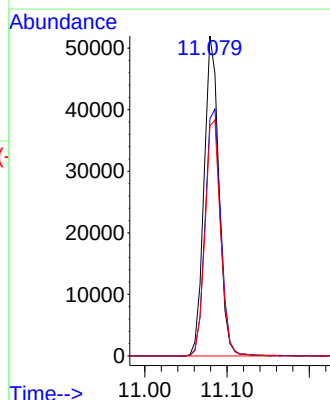
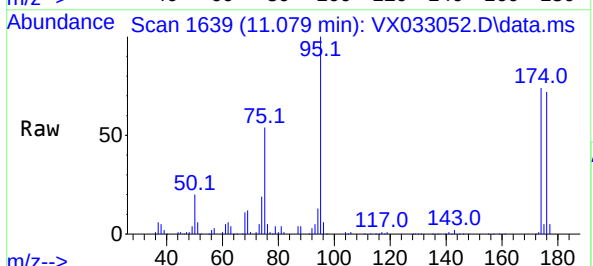
Instrument :
MSVOA_X
ClientSampleId :
FB111722

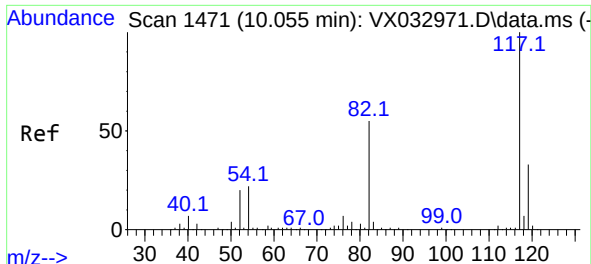
Tgt Ion: 43 Resp: 765
Ion Ratio Lower Upper
43 100
58 201.8 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 43.321 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033052.D
Acq: 24 Nov 2022 10:16

Tgt Ion: 95 Resp: 65396
Ion Ratio Lower Upper
95 100
174 81.3 0.0 164.0
176 77.2 0.0 154.4

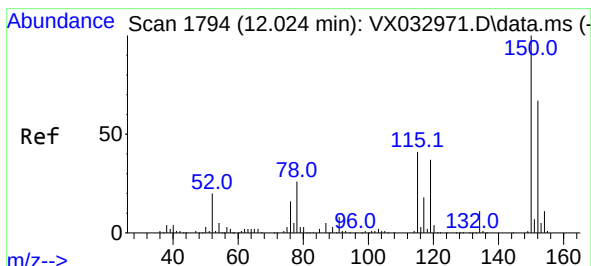
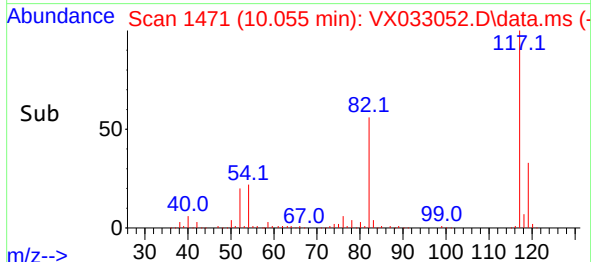
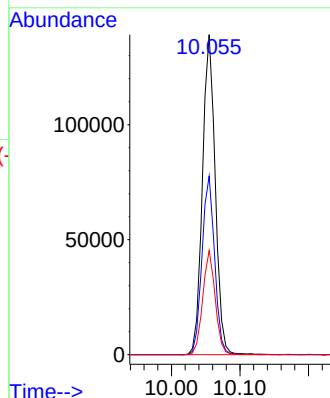
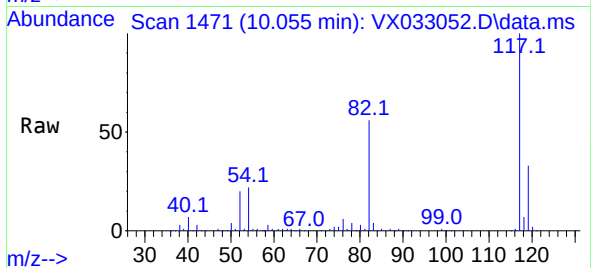




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033052.D
Acq: 24 Nov 2022 10:16

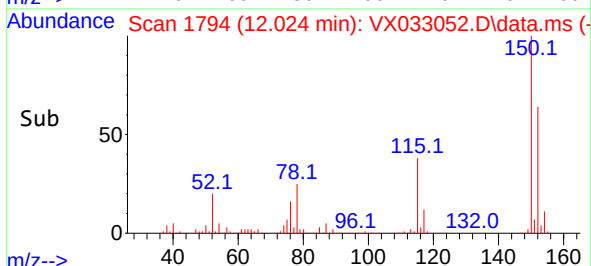
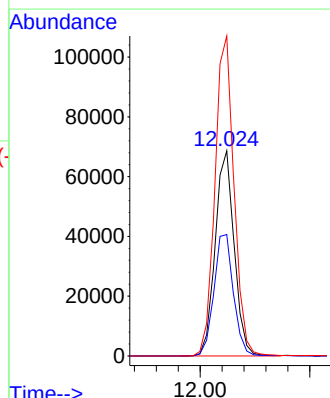
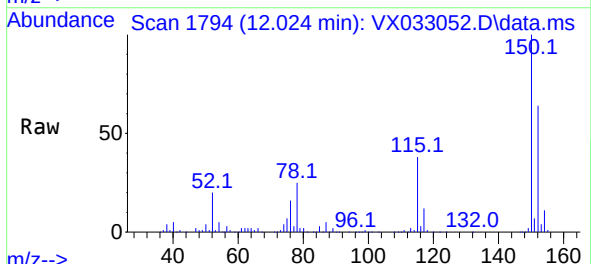
Instrument :
MSVOA_X
ClientSampleId :
FB111722

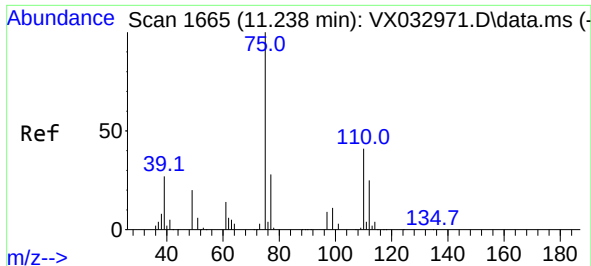
Tgt Ion:117 Resp: 181188
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 32.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033052.D
Acq: 24 Nov 2022 10:16

Tgt Ion:152 Resp: 82535
Ion Ratio Lower Upper
152 100
115 61.1 44.0 132.0
150 156.7 0.0 351.8

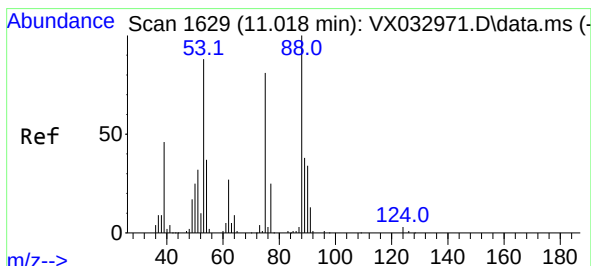
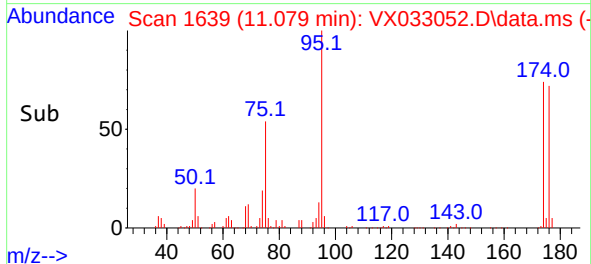
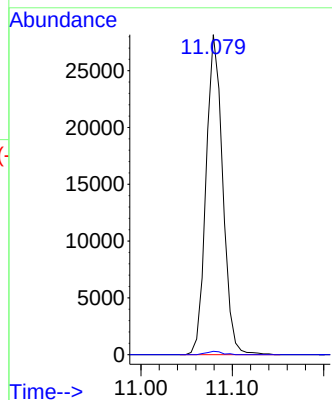
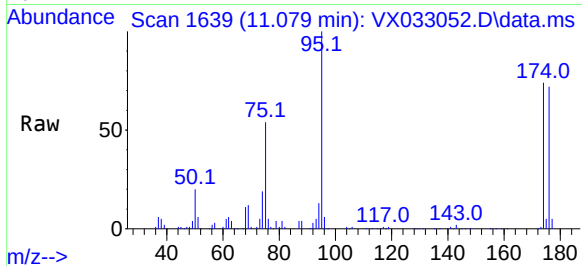




#76
1,2,3-Trichloropropane
Concen: 22.742 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033052.D
Acq: 24 Nov 2022 10:16

Instrument :
MSVOA_X
ClientSampleId :
FB111722

Tgt Ion: 75 Resp: 35547
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.921 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033052.D
Acq: 24 Nov 2022 10:16

Tgt Ion: 75 Resp: 35547
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

