

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052422\
 Data File : VX028926.D
 Acq On : 24 May 2022 17:05
 Operator : JC/MD
 Sample : N2970-04DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 36BR-20220519DL

Quant Time: May 25 01:50:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

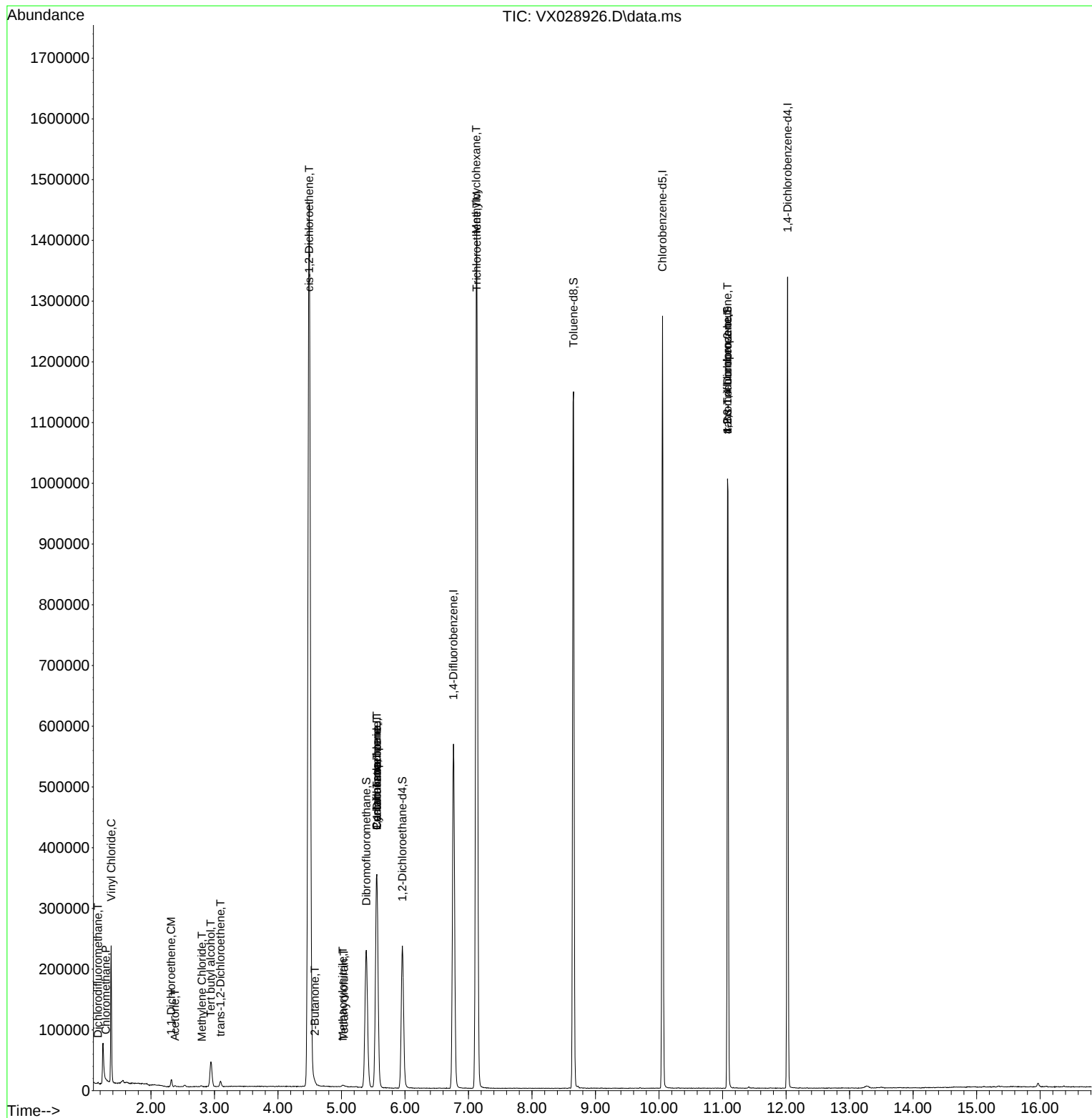
Internal Standards						
1) Pentafluorobenzene	5.556	168	334649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	597553	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	575382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	229150	49.954	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.900%
35) Dibromofluoromethane	5.391	113	199709	51.010	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.020%
50) Toluene-d8	8.653	98	710215	48.116	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.240%
62) 4-Bromofluorobenzene	11.079	95	284577	51.618	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1190	0.272	ug/l	88
3) Chloromethane	1.288	50	876	0.212	ug/l	90
4) Vinyl Chloride	1.374	62	136635	30.724	ug/l	98
5) Bromomethane	1.611	94	970	Below Cal	#	66
11) Tert butyl alcohol	2.941	59	23955	17.176	ug/l #	76
12) 1,1-Dichloroethene	2.319	96	3715	1.073	ug/l	96
16) Acetone	2.380	43	1782	0.905	ug/l	90
20) Methylene Chloride	2.800	84	856	0.207	ug/l #	57
21) trans-1,2-Dichloroethene	3.093	96	3381	0.867	ug/l	91
25) 2-Butanone	4.580	43	824	0.267	ug/l #	44
27) cis-1,2-Dichloroethene	4.489	96	956736	209.976	ug/l	88
29) Tetrahydrofuran	5.038	42	2507	1.248	ug/l #	25
31) Cyclohexane	5.556	56	6667	1.047	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	26407	4.491	ug/l #	50
38) Carbon Tetrachloride	5.556	117	35767	6.044	ug/l #	15
39) Methylcyclohexane	7.123	83	6705	0.994	ug/l #	1
41) Methacrylonitrile	5.019	41	1458	0.443	ug/l #	40
44) Trichloroethene	7.129	130	564313	123.120	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	143579	22.648	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	143579	66.206	ug/l #	15

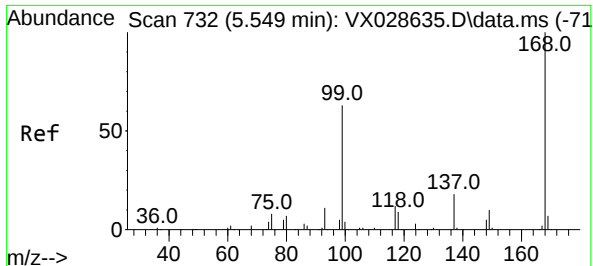
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052422\
Data File : VX028926.D
Acq On : 24 May 2022 17:05
Operator : JC/MD
Sample : N2970-04DL 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL

Quant Time: May 25 01:50:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

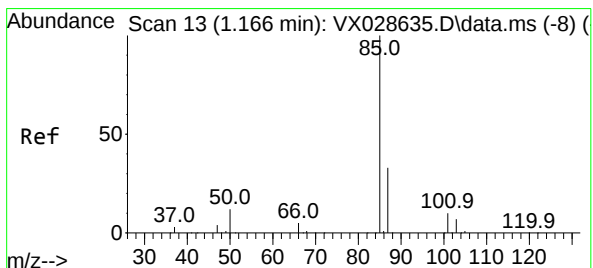
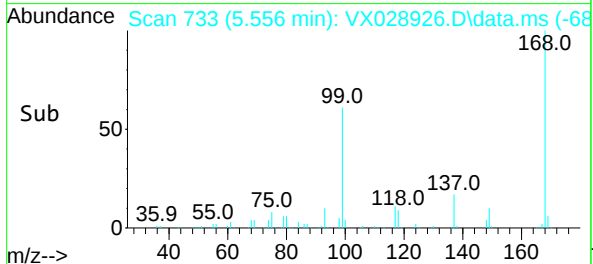
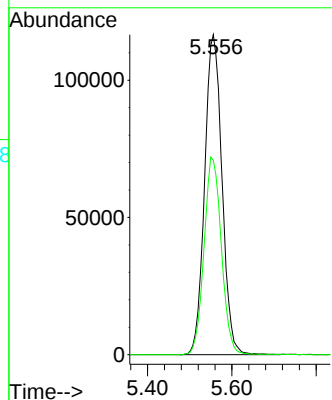
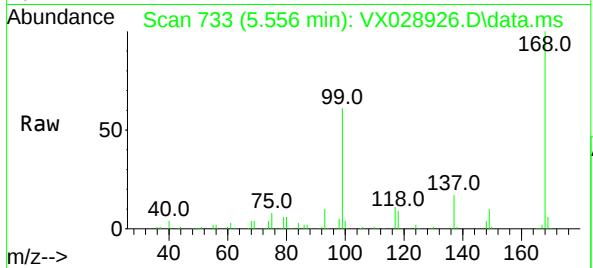




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

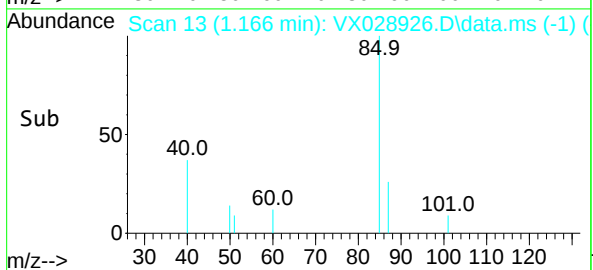
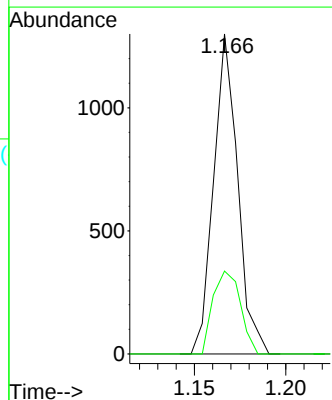
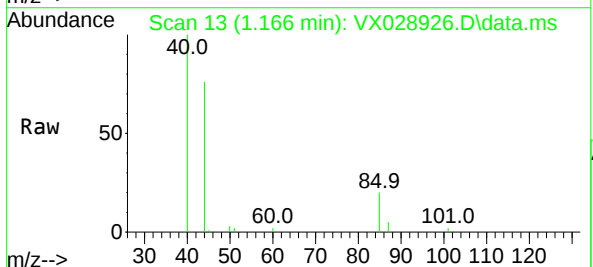
Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL

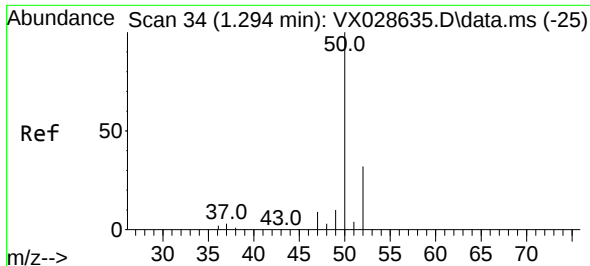
Tgt Ion:168 Resp: 334649
Ion Ratio Lower Upper
168 100
99 60.7 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 0.272 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

Tgt Ion: 85 Resp: 1190
Ion Ratio Lower Upper
85 100
87 25.9 16.2 48.6

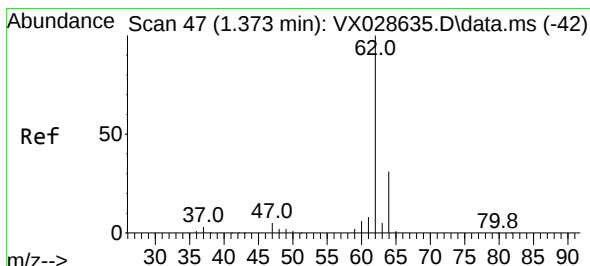
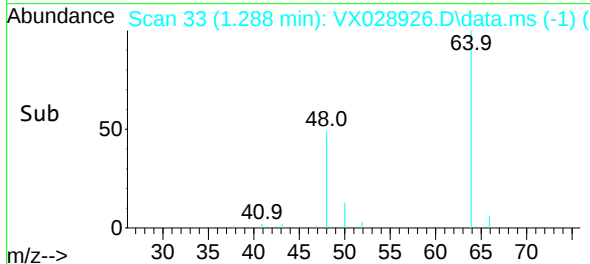
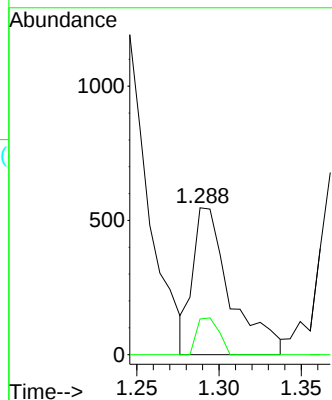
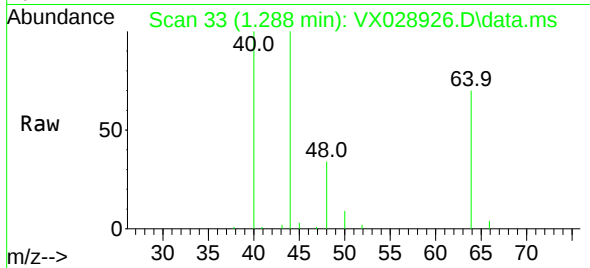




#3
Chloromethane
Concen: 0.212 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

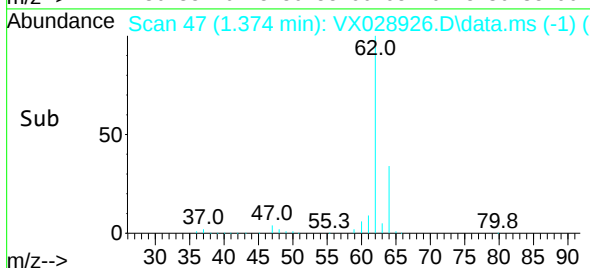
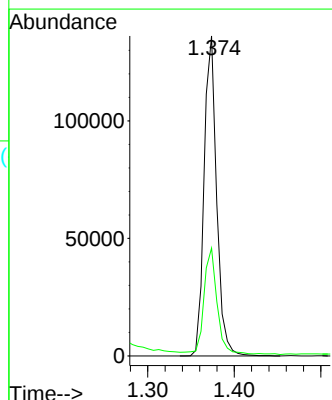
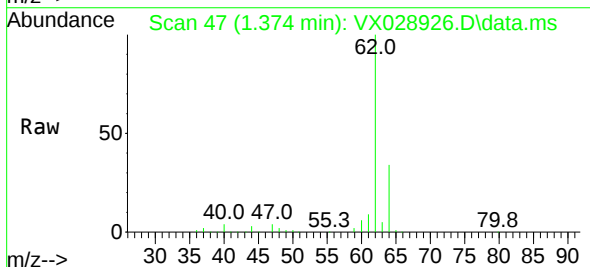
Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL

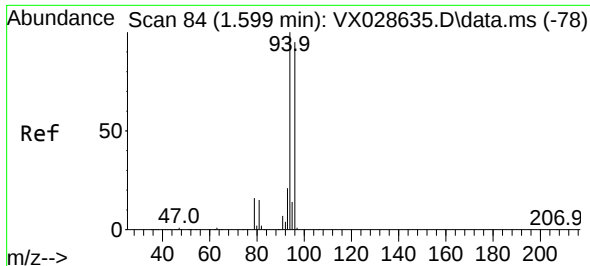
Tgt Ion: 50 Resp: 876
Ion Ratio Lower Upper
50 100
52 27.1 26.4 39.6



#4
Vinyl Chloride
Concen: 30.724 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

Tgt Ion: 62 Resp: 136635
Ion Ratio Lower Upper
62 100
64 33.3 25.5 38.3

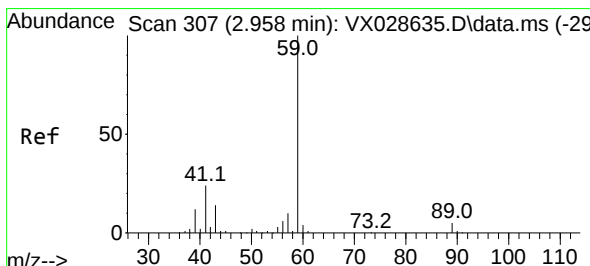
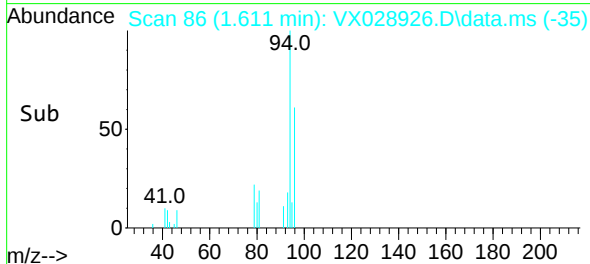
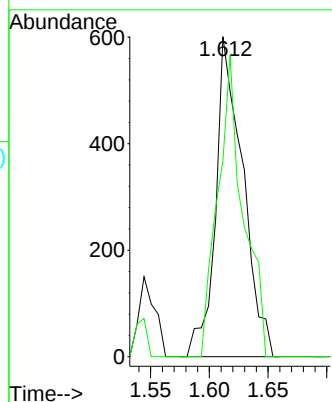
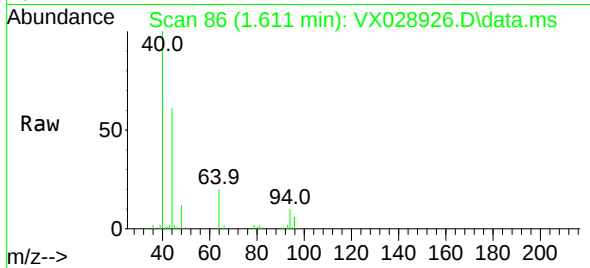




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

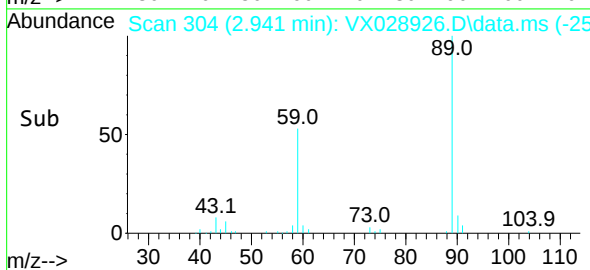
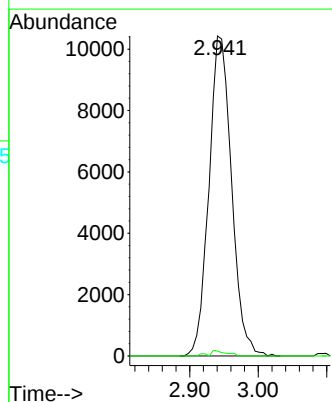
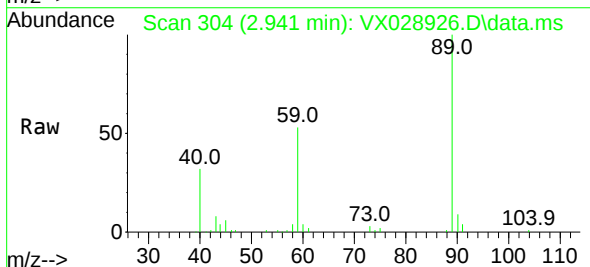
Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL

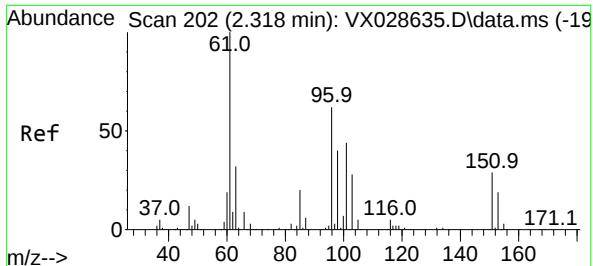
Tgt Ion: 94 Resp: 970
Ion Ratio Lower Upper
94 100
96 61.2 75.3 112.9#



#11
Tert butyl alcohol
Concen: 17.176 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.017 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

Tgt Ion: 59 Resp: 23955
Ion Ratio Lower Upper
59 100
57 1.3 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 1.073 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.001 min

Lab File: VX028926.D

Acq: 24 May 2022 17:05

Instrument :

MSVOA_X

ClientSampleId :

36BR-20220519DL

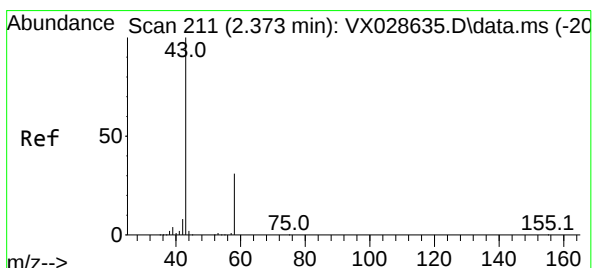
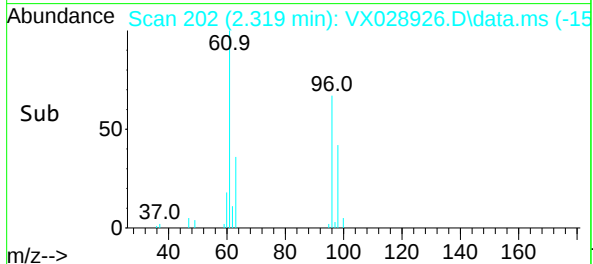
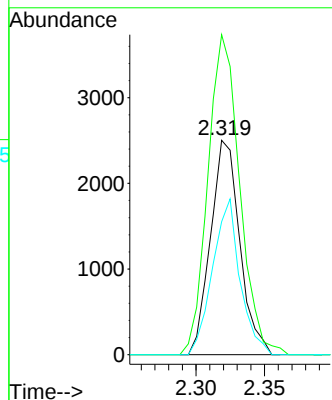
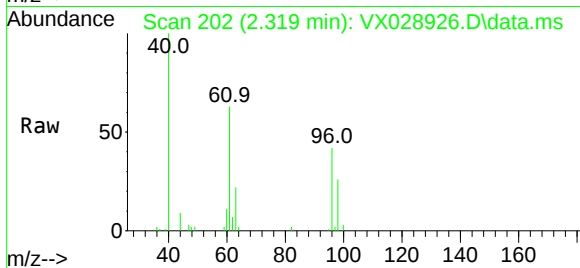
Tgt Ion: 96 Resp: 3715

Ion Ratio Lower Upper

96 100

61 149.3 124.6 187.0

98 62.0 51.0 76.4



#16

Acetone

Concen: 0.905 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028926.D

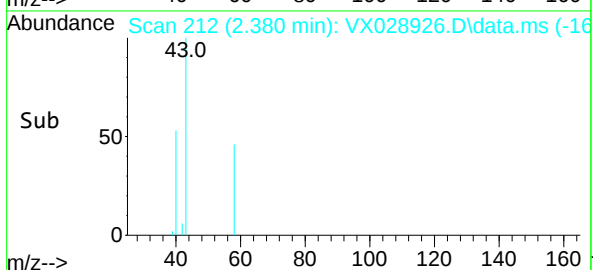
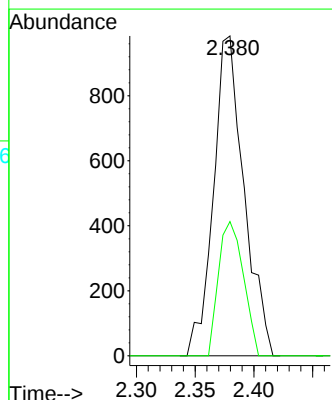
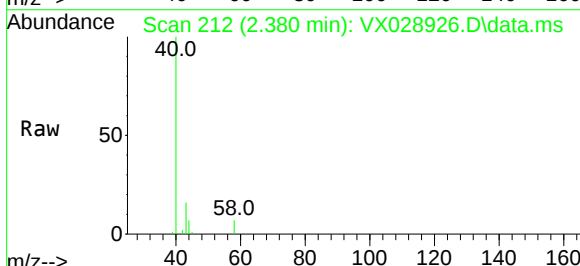
Acq: 24 May 2022 17:05

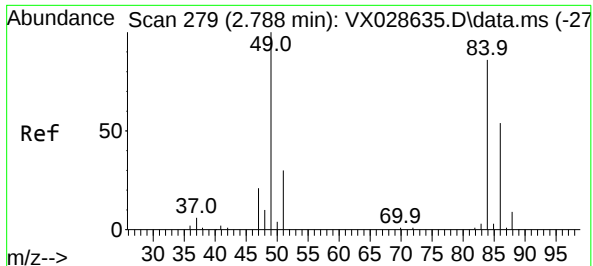
Tgt Ion: 43 Resp: 1782

Ion Ratio Lower Upper

43 100

58 42.0 28.8 43.2

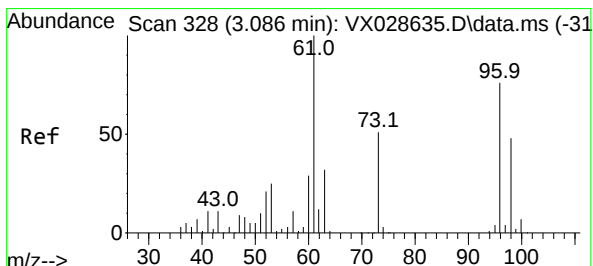
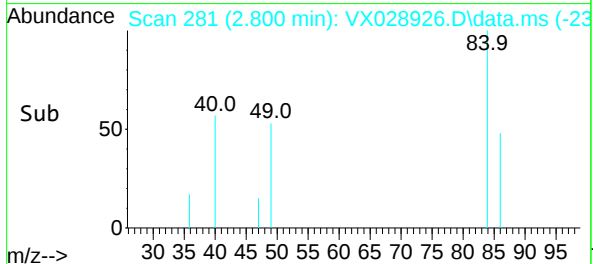
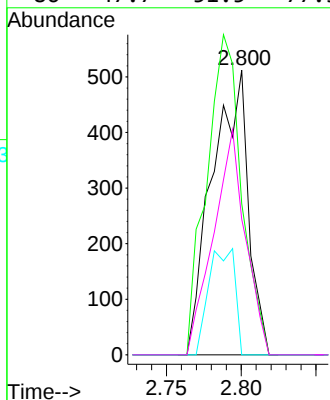
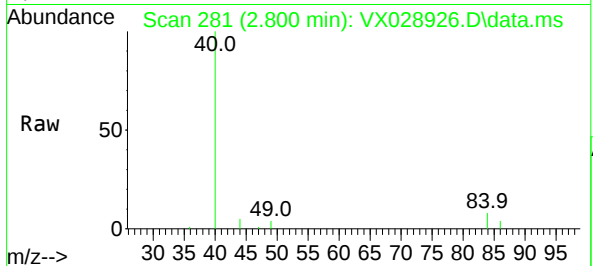




#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

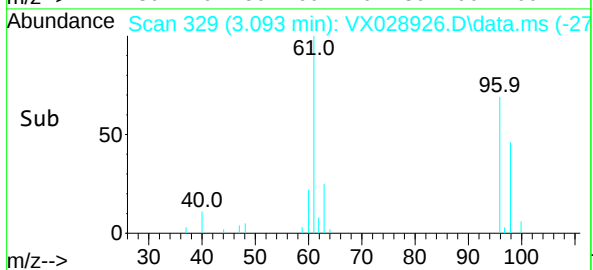
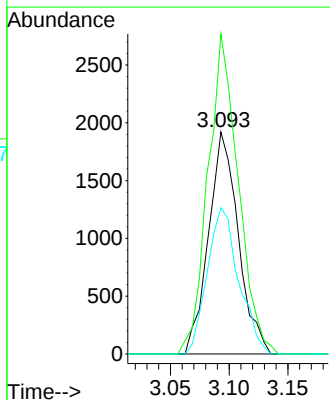
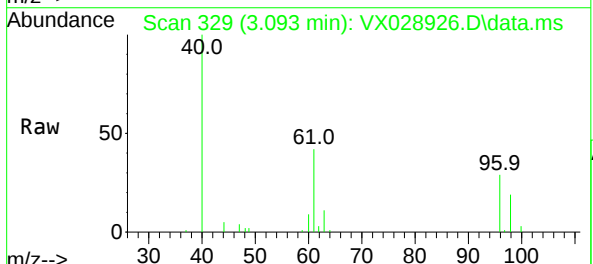
Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL

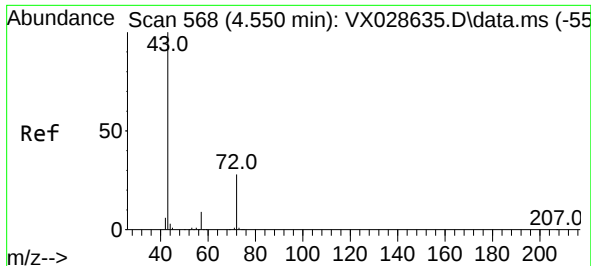
Tgt Ion: 84	Resp:	856
Ion	Ratio	Lower Upper
84	100	
49	53.1	85.5 128.3#
51	0.0	26.6 39.8#
86	47.7	51.5 77.3#



#21
trans-1,2-Dichloroethene
Concen: 0.867 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.007 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

Tgt Ion: 96	Resp:	3381
Ion	Ratio	Lower Upper
96	100	
61	144.1	105.4 158.2
98	65.9	50.0 75.0

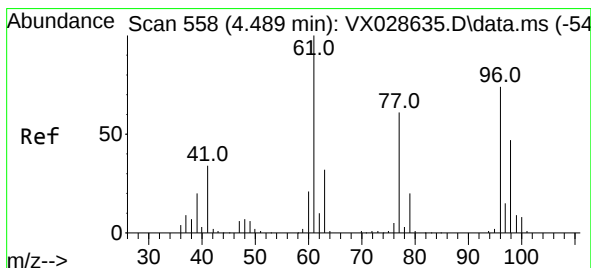
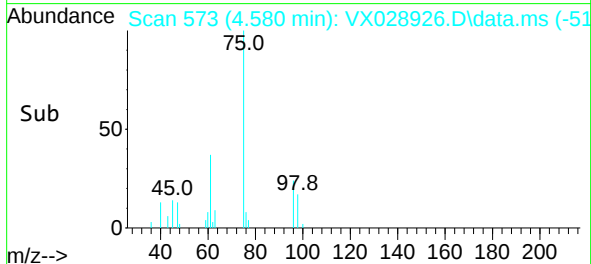
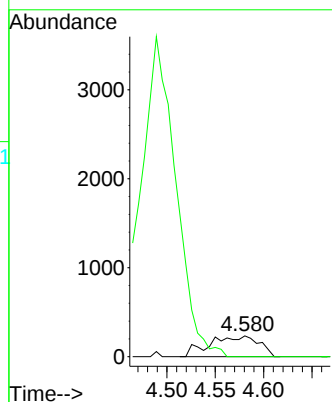
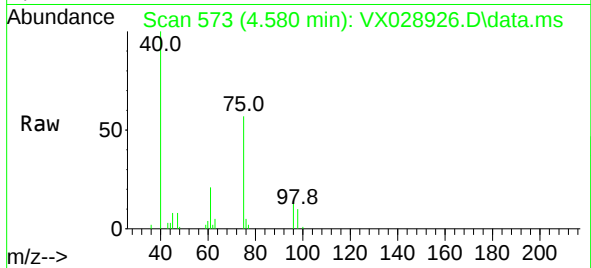




#25
2-Butanone
Concen: 0.267 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

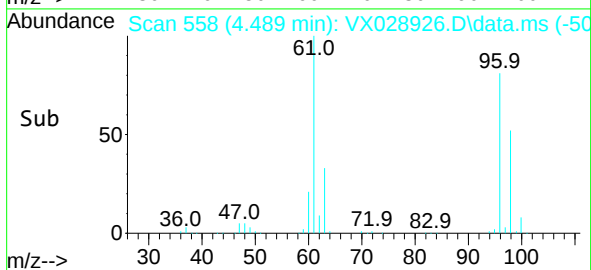
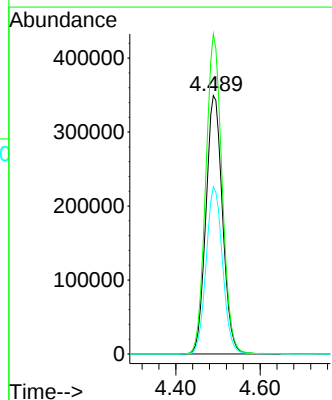
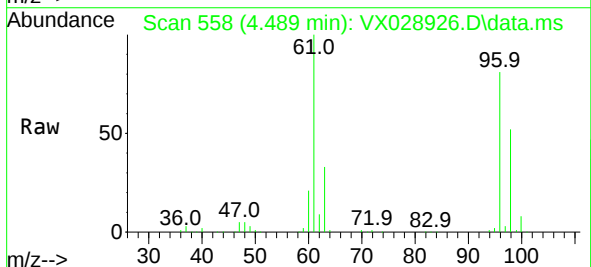
Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL

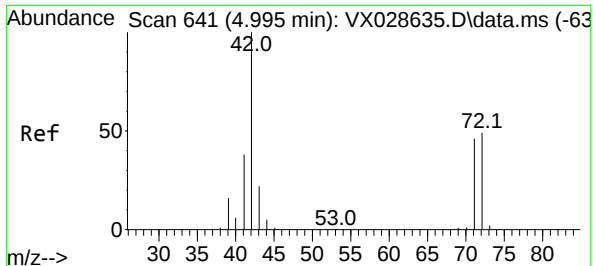
Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#27
cis-1,2-Dichloroethene
Concen: 209.976 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

Tgt Ion: 96 Resp: 956736
Ion Ratio Lower Upper
96 100
61 121.6 0.0 283.8
98 64.1 0.0 129.8





#29

Tetrahydrofuran

Concen: 1.248 ug/l

RT: 5.038 min Scan# 641

Delta R.T. 0.043 min

Lab File: VX028926.D

Acq: 24 May 2022 17:05

Instrument :

MSVOA_X

ClientSampleId :

36BR-20220519DL

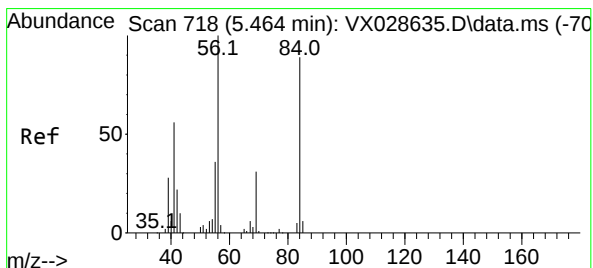
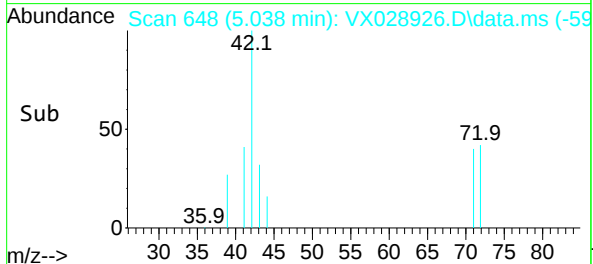
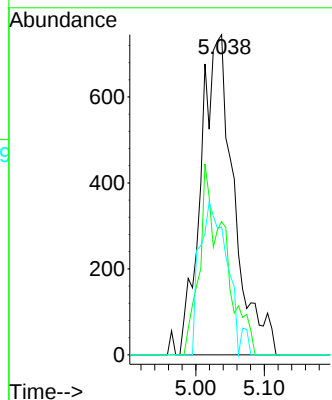
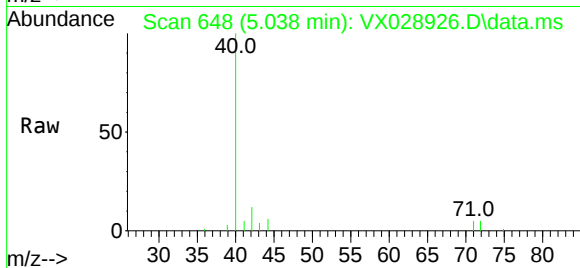
Tgt Ion: 42 Resp: 2507

Ion Ratio Lower Upper

42 100

72 0.0 44.1 66.1#

71 0.0 40.5 60.7#



#31

Cyclohexane

Concen: 1.047 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.092 min

Lab File: VX028926.D

Acq: 24 May 2022 17:05

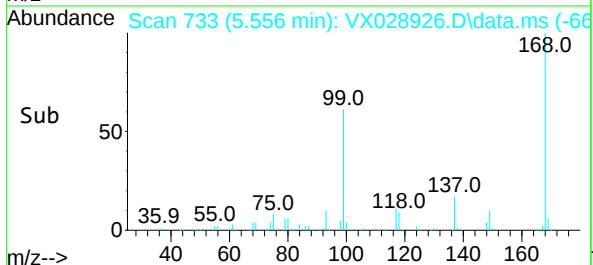
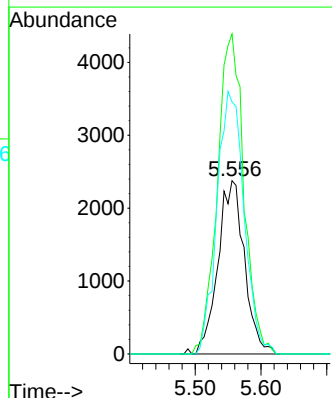
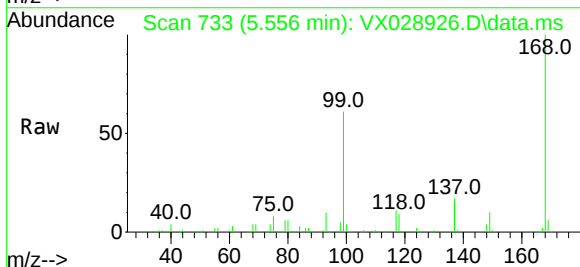
Tgt Ion: 56 Resp: 6667

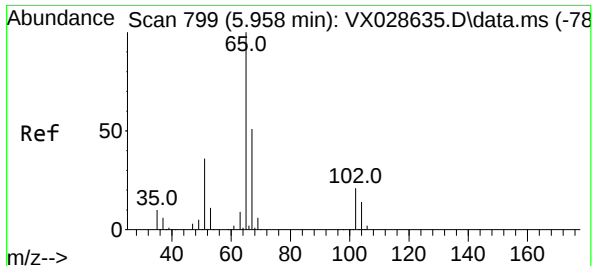
Ion Ratio Lower Upper

56 100

69 184.6 26.7 40.1#

84 145.4 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 49.954 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028926.D

Acq: 24 May 2022 17:05

Instrument :

MSVOA_X

ClientSampleId :

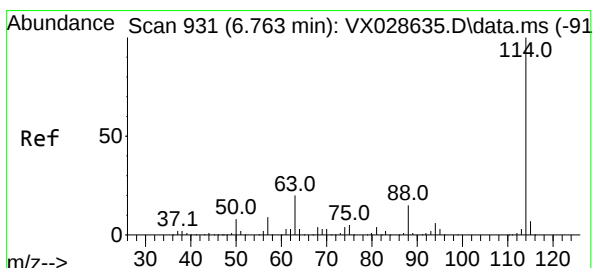
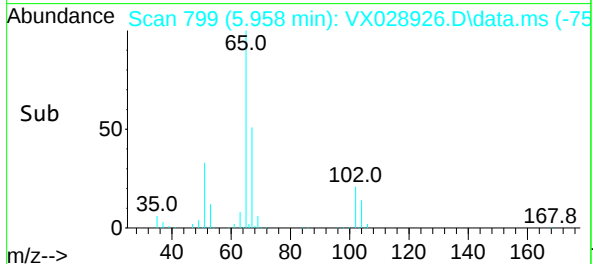
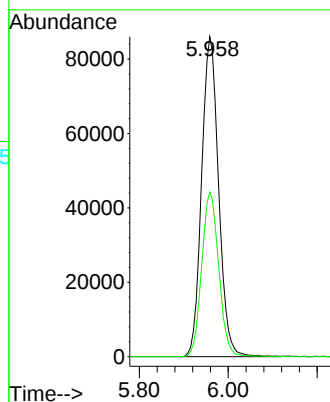
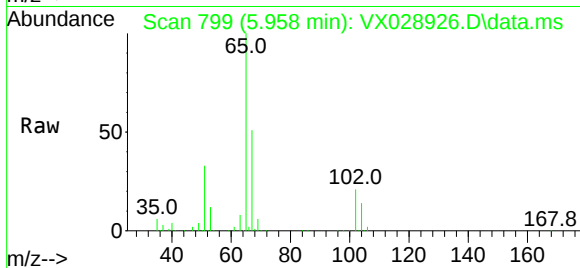
36BR-20220519DL

Tgt Ion: 65 Resp: 229150

Ion Ratio Lower Upper

65 100

67 51.5 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028926.D

Acq: 24 May 2022 17:05

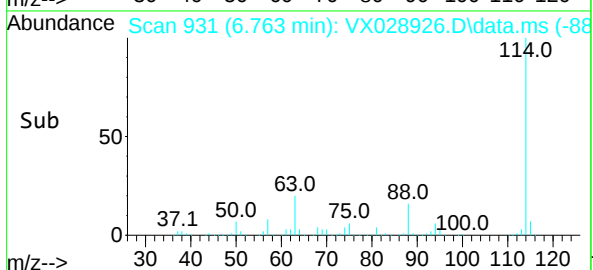
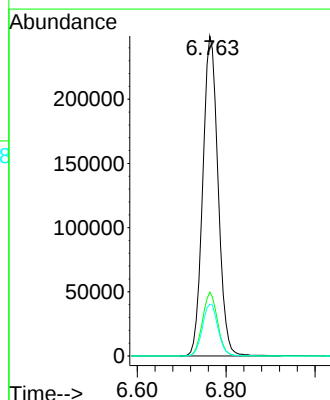
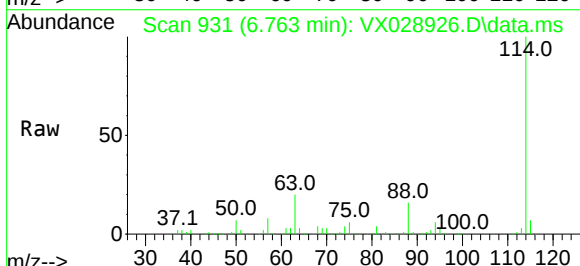
Tgt Ion: 114 Resp: 597553

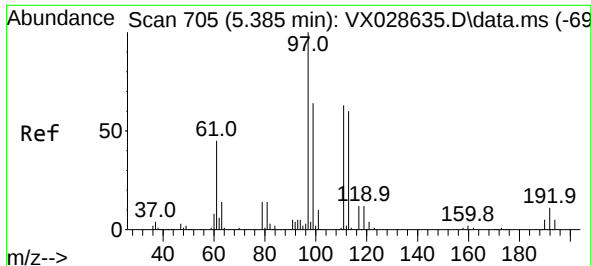
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.8

88 16.2 0.0 32.4

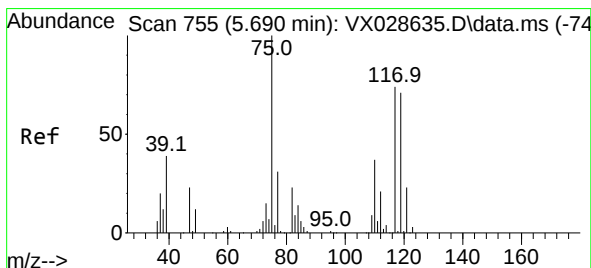
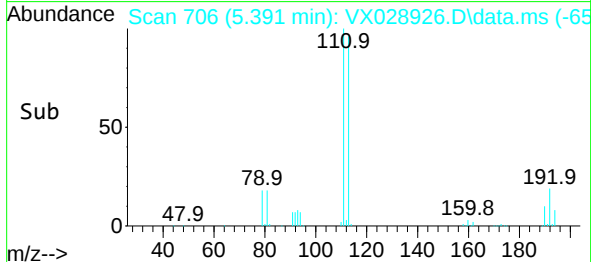
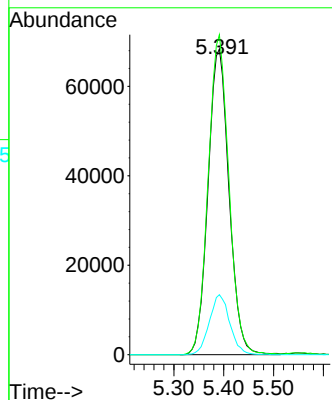
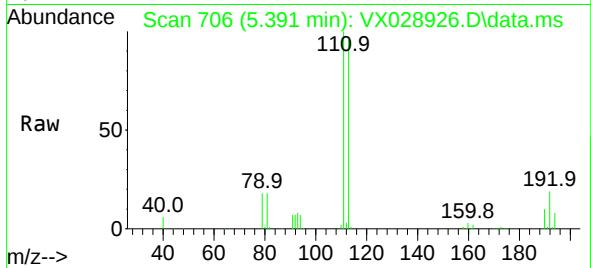




#35
Dibromofluoromethane
Concen: 51.010 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

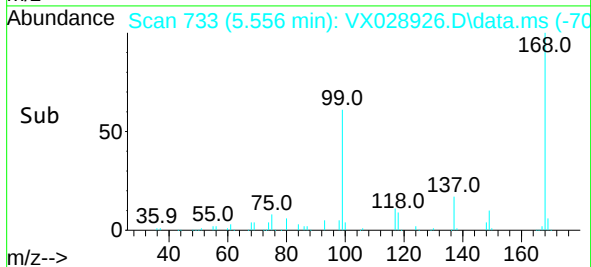
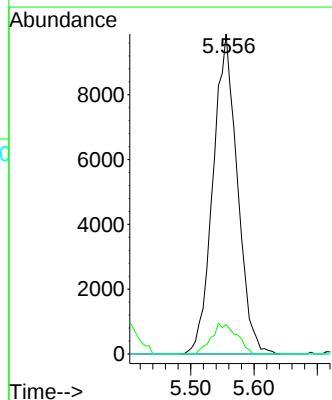
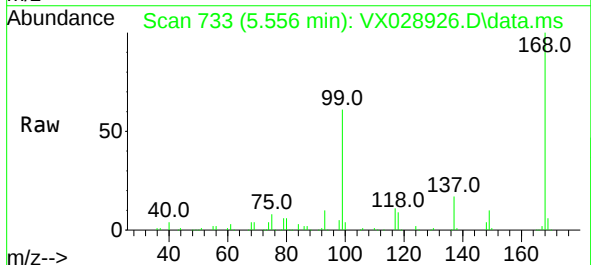
Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL

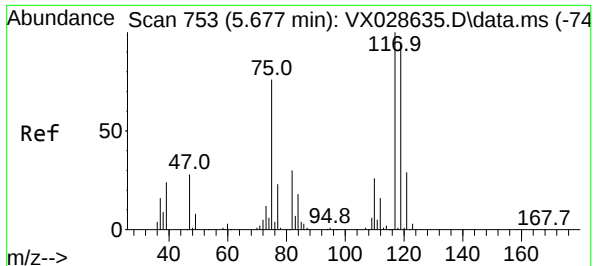
Tgt Ion:113 Resp: 199709
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.491 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

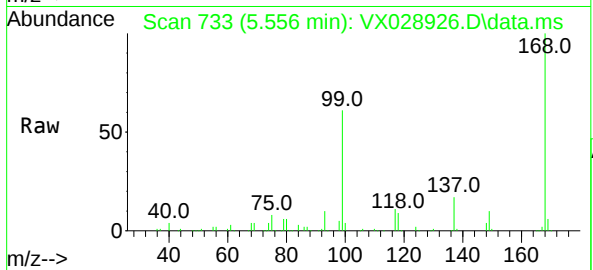
Tgt Ion: 75 Resp: 26407
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



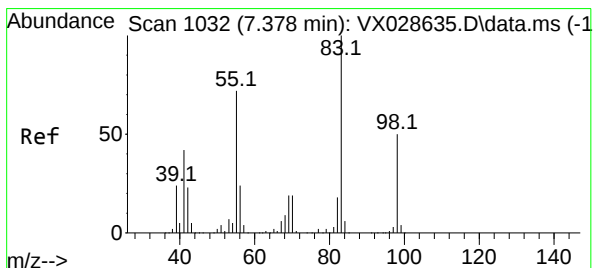
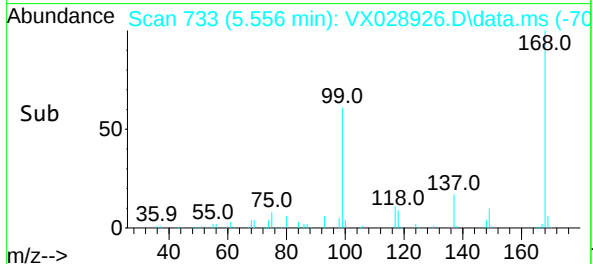
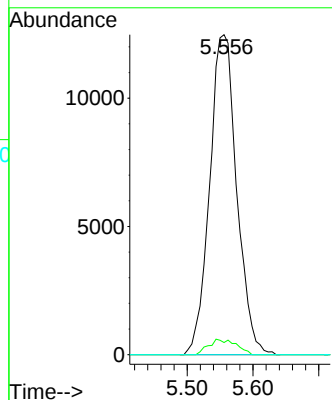


#38
Carbon Tetrachloride
Concen: 6.044 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL

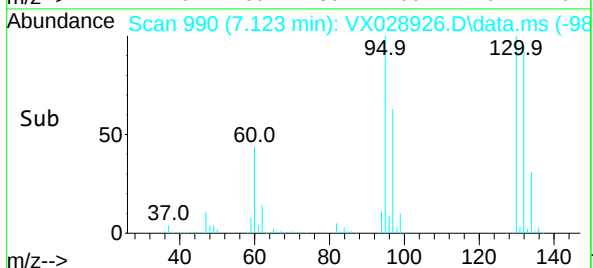
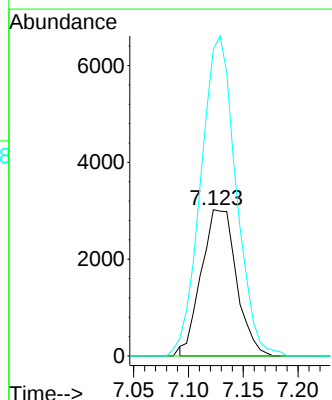
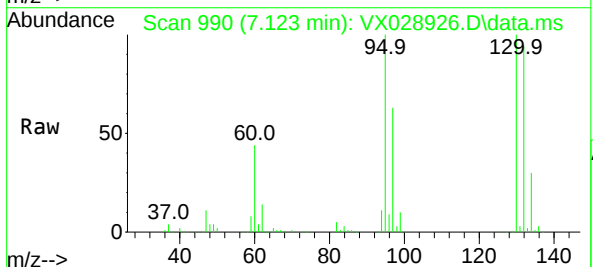


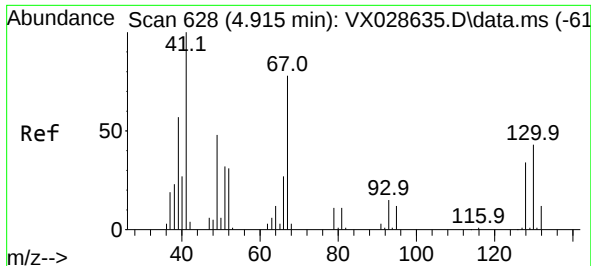
Tgt Ion:117 Resp: 35767
Ion Ratio Lower Upper
117 100
119 3.8 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.994 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.255 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

Tgt Ion: 83 Resp: 6705
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 206.7 37.4 56.2#

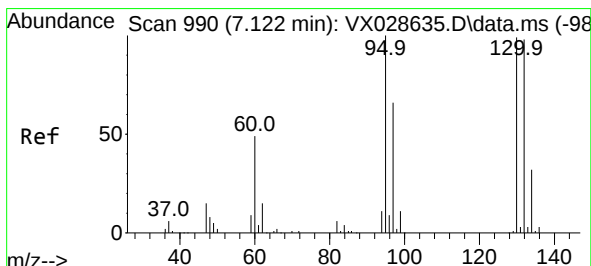
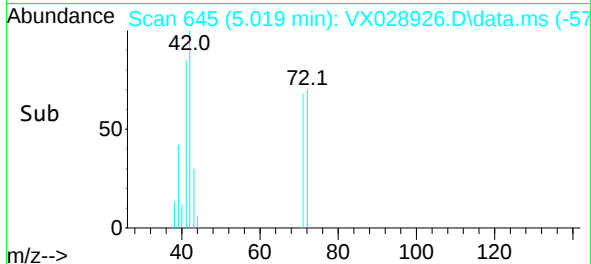
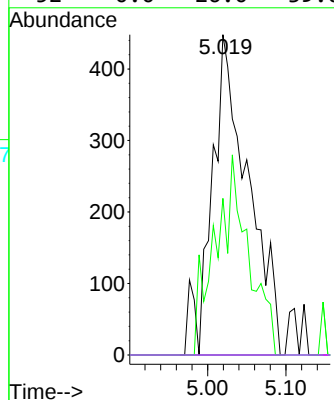
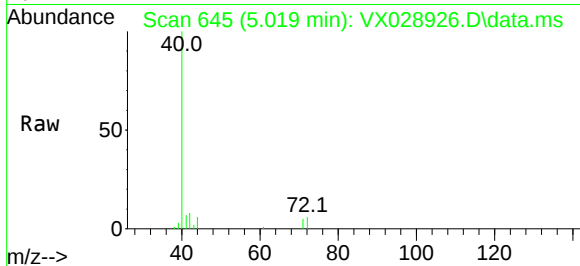




#41
Methacrylonitrile
Concen: 0.443 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.104 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

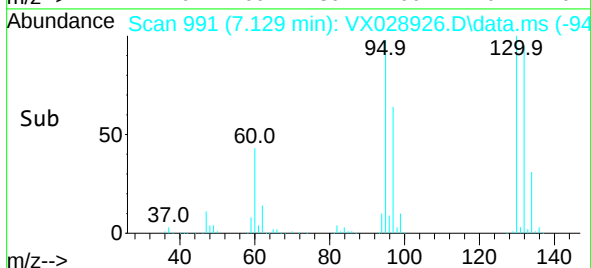
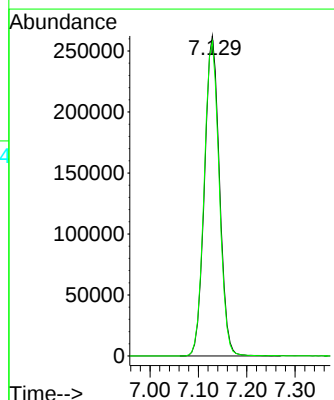
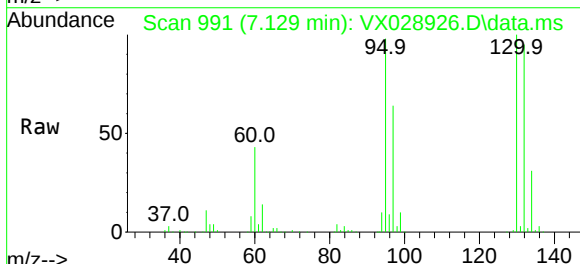
Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL

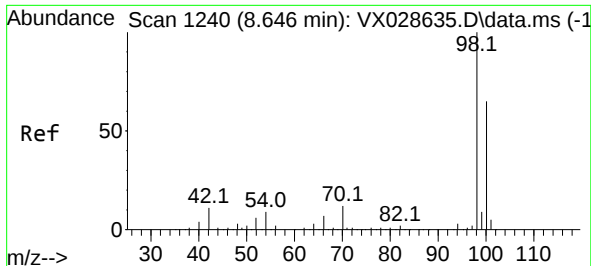
Tgt Ion:	41	Resp:	1458
Ion	Ratio	Lower	Upper
41	100		
39	56.6	43.0	64.4
67	0.0	70.2	105.4#
52	0.0	26.0	39.0#



#44
Trichloroethene
Concen: 123.120 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

Tgt Ion:	130	Resp:	564313
Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	188.8

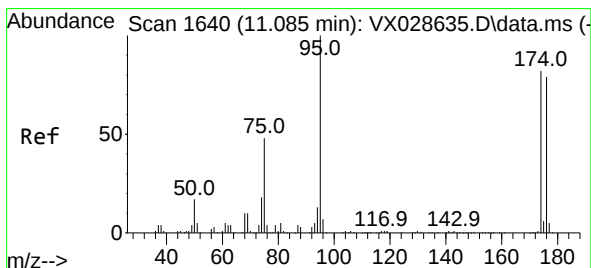
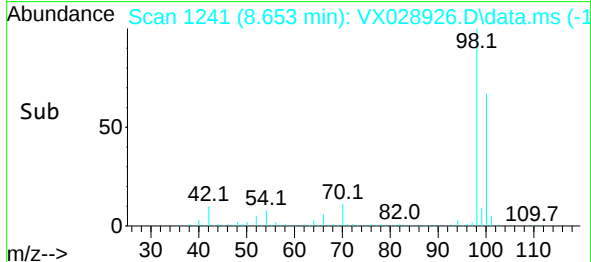
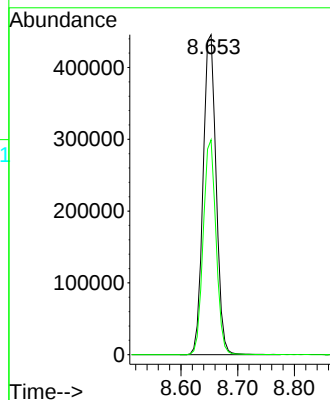
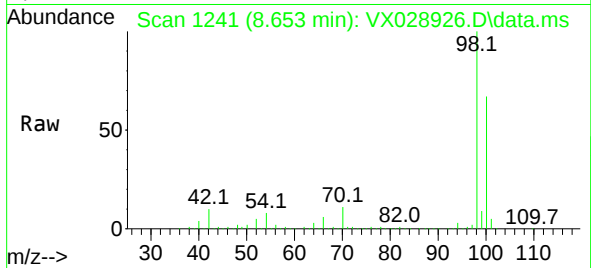




#50
Toluene-d8
Concen: 48.116 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

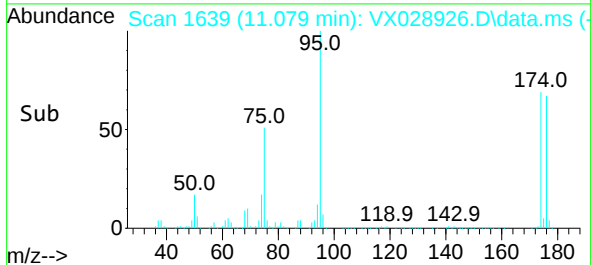
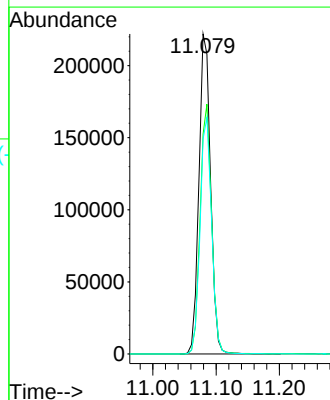
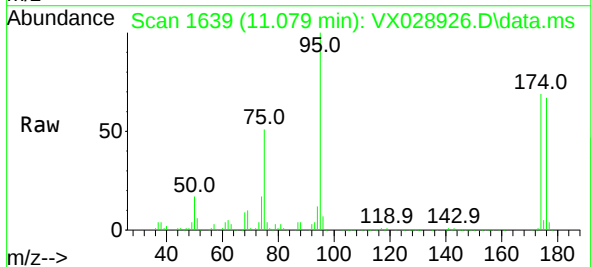
Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL

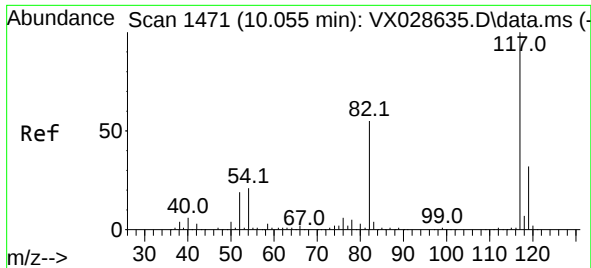
Tgt Ion: 98 Resp: 710215
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.618 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

Tgt Ion: 95 Resp: 284577
Ion Ratio Lower Upper
95 100
174 76.6 0.0 163.0
176 73.3 0.0 155.0

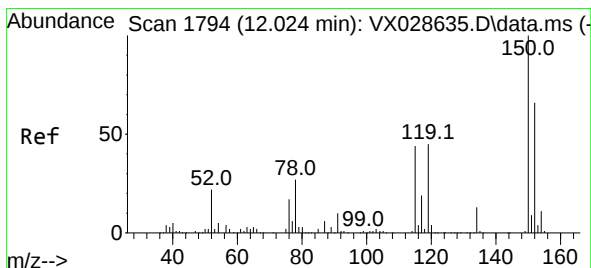
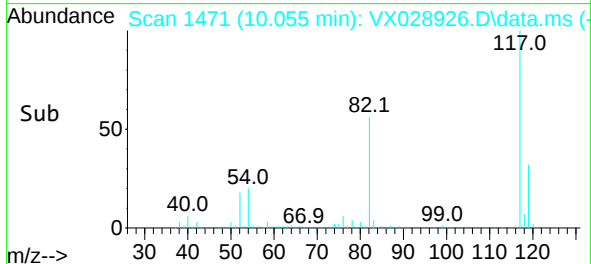
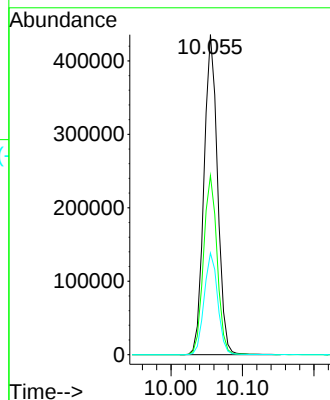
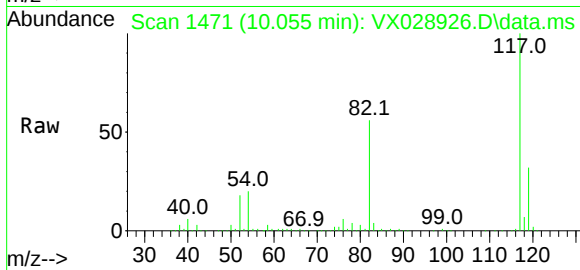




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

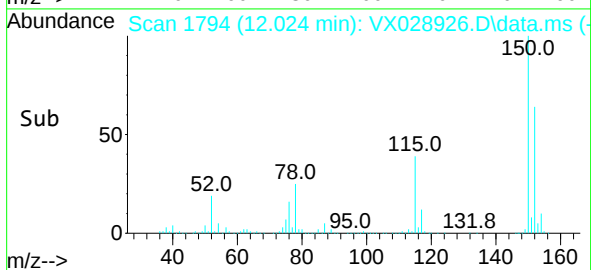
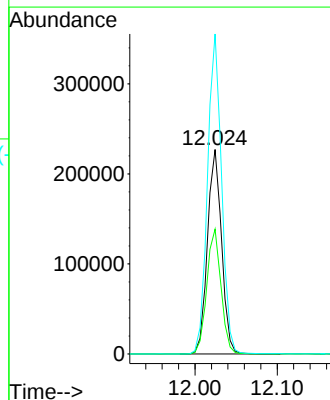
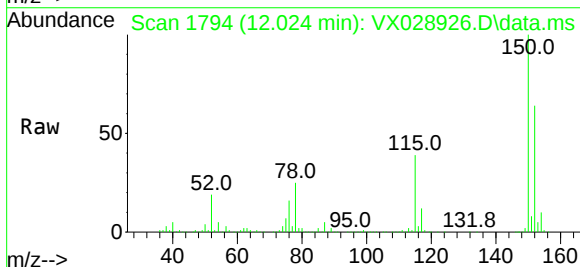
Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL

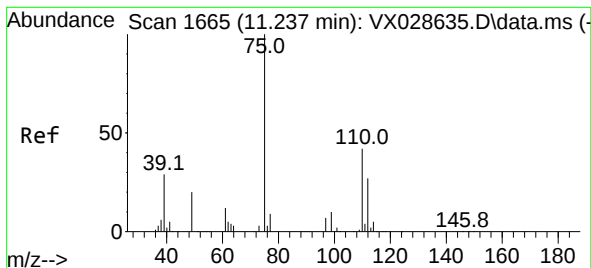
Tgt Ion:117 Resp: 575382
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 31.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

Tgt Ion:152 Resp: 270697
Ion Ratio Lower Upper
152 100
115 61.4 37.5 112.7
150 156.4 0.0 338.2





#76

1,2,3-Trichloropropane

Concen: 22.648 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX028926.D

Acq: 24 May 2022 17:05

Instrument :

MSVOA_X

ClientSampleId :

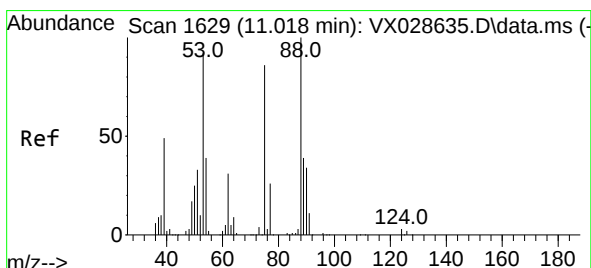
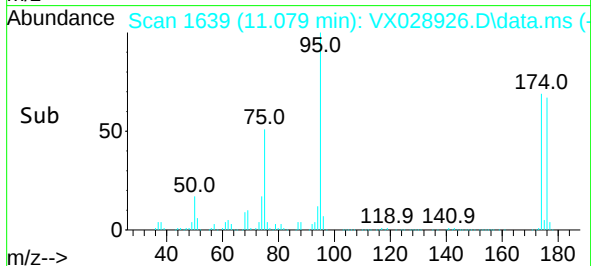
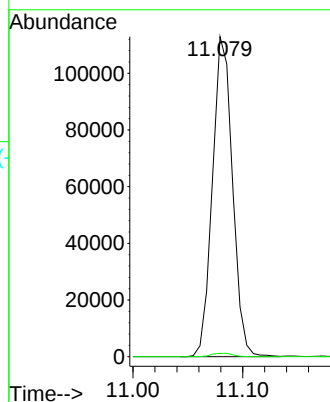
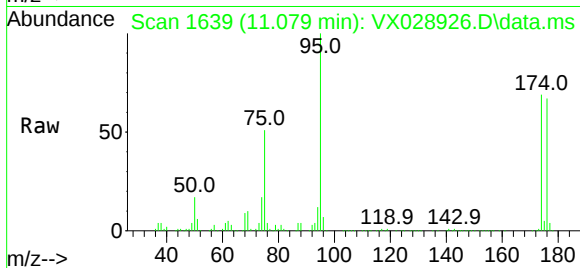
36BR-20220519DL

Tgt Ion: 75 Resp: 143579

Ion Ratio Lower Upper

75 100

77 1.1 19.4 58.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.206 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX028926.D

Acq: 24 May 2022 17:05

Tgt Ion: 75 Resp: 143579

Ion Ratio Lower Upper

75 100

53 0.0 69.0 103.4#

89 0.0 37.0 55.6#

