

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012623\
 Data File : VX033911.D
 Acq On : 26 Jan 2023 15:56
 Operator : JC/MD
 Sample : 01323-07 2000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01

Quant Time: Jan 27 02:56:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

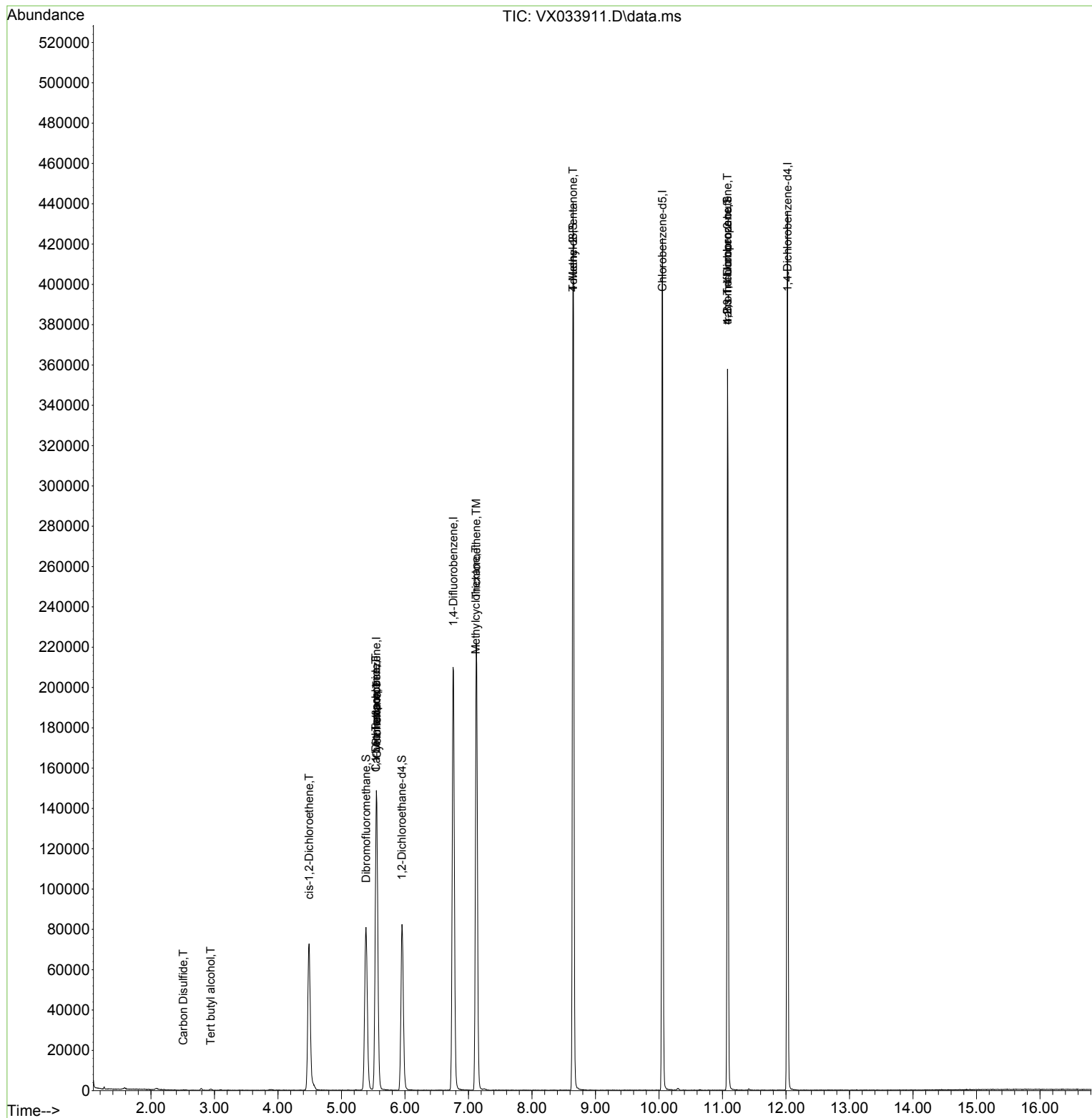
Internal Standards						
1) Pentafluorobenzene	5.550	168	161592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233659	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77972	45.828	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.660%
35) Dibromofluoromethane	5.385	113	72219	49.776	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.560%
50) Toluene-d8	8.647	98	264073	49.953	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.900%
62) 4-Bromofluorobenzene	11.079	95	92781	47.271	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.540%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	363	1.228	ug/l #	86
16) Acetone	2.374	43	186	Below Cal	#	47
17) Carbon Disulfide	2.508	76	213	1.884	ug/l #	76
20) Methylene Chloride	2.794	84	389	Below Cal	#	81
27) cis-1,2-Dichloroethene	4.489	96	49448	27.982	ug/l	89
31) Cyclohexane	5.556	56	2352	0.939	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9372	4.426	ug/l #	48
37) Ethyl Acetate	4.581	43	19	Below Cal	#	68
38) Carbon Tetrachloride	5.544	117	13793	6.289	ug/l #	14
39) Methylcyclohexane	7.117	83	894	0.342	ug/l #	1
44) Trichloroethene	7.123	130	95784	55.497	ug/l	100
51) 4-Methyl-2-Pentanone	8.647	43	984	0.479	ug/l #	1
64) Tetrachloroethene	9.281	164	19	Below Cal	#	1
73) Isopropylbenzene	11.085	105	93	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	42972	22.784	ug/l #	34
79) 2-Chlorotoluene	11.305	91	18	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	42972	70.809	ug/l #	8
82) 4-Chlorotoluene	11.463	91	52	Below Cal	#	43

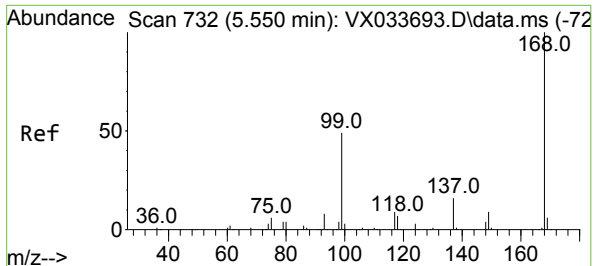
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012623\
Data File : VX033911.D
Acq On : 26 Jan 2023 15:56
Operator : JC/MD
Sample : 01323-07 2000X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-01

Quant Time: Jan 27 02:56:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

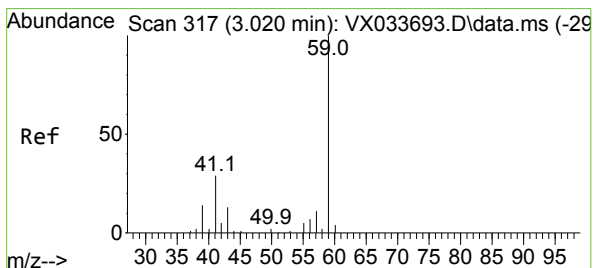
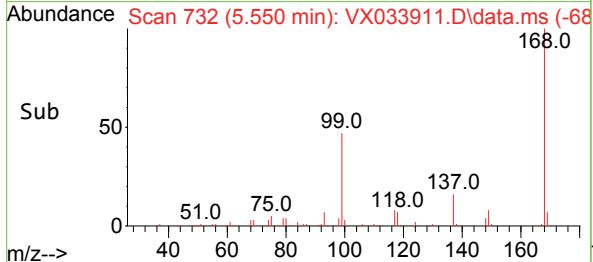
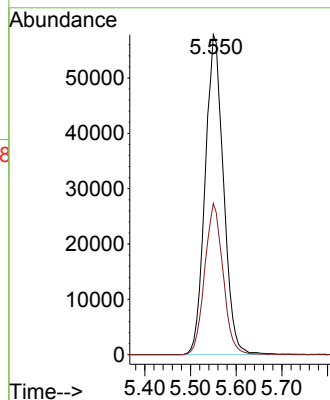
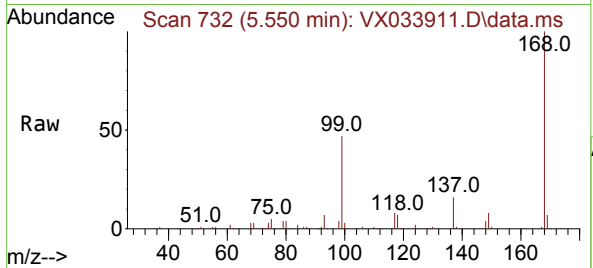




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033911.D
Acq: 26 Jan 2023 15:56

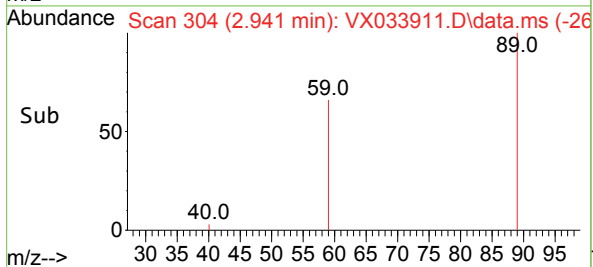
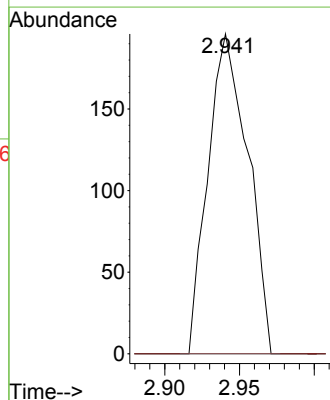
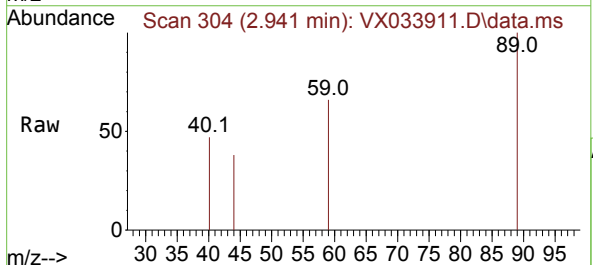
Instrument :
MSVOA_X
ClientSampleId :
DUP-01

Tgt Ion:168 Resp: 161592
Ion Ratio Lower Upper
168 100
99 47.3 39.6 59.4



#11
Tert butyl alcohol
Concen: 1.228 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX033911.D
Acq: 26 Jan 2023 15:56

Tgt Ion: 59 Resp: 363
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

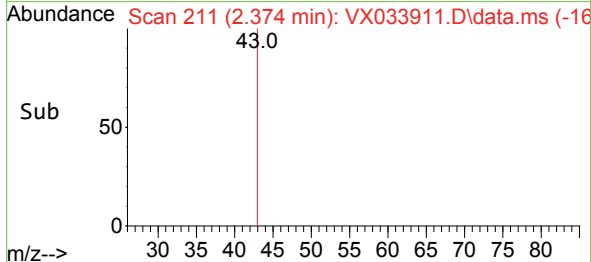
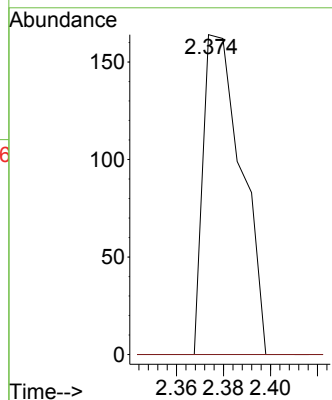
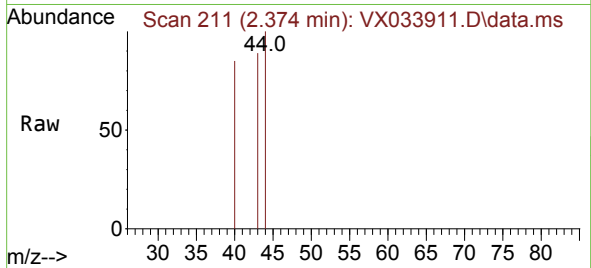




#16
Acetone
Concen: Below Cal
RT: 2.374 min Scan# 215
Delta R.T. -0.024 min
Lab File: VX033911.D
Acq: 26 Jan 2023 15:56

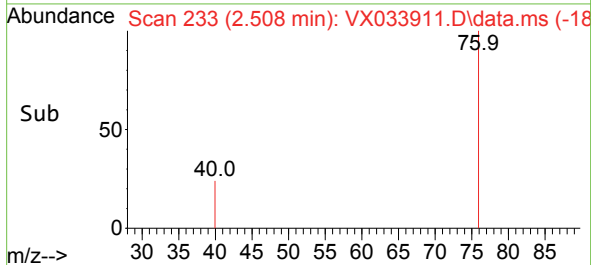
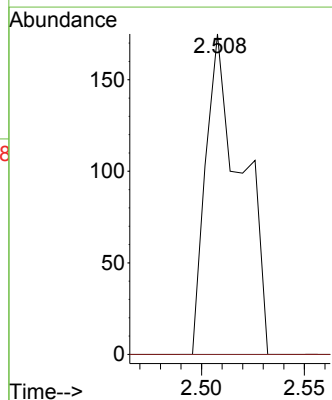
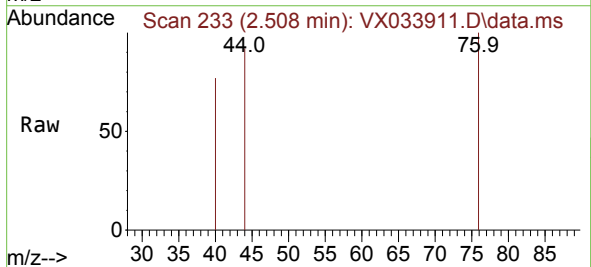
Instrument :
MSVOA_X
ClientSampleId :
DUP-01

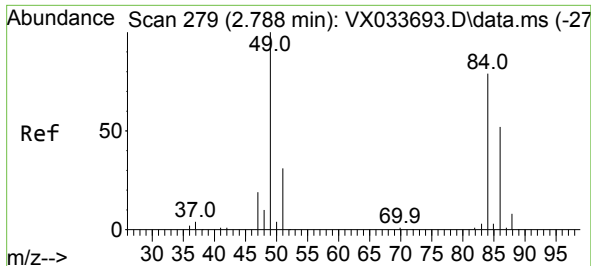
Tgt Ion: 43 Resp: 186
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#17
Carbon Disulfide
Concen: 1.884 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX033911.D
Acq: 26 Jan 2023 15:56

Tgt Ion: 76 Resp: 213
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

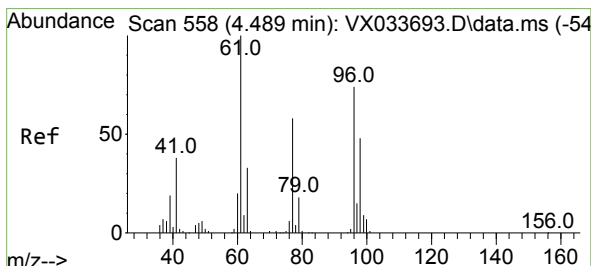
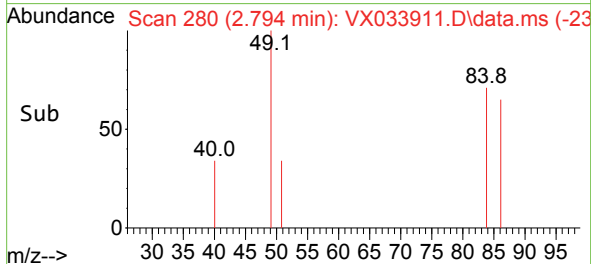
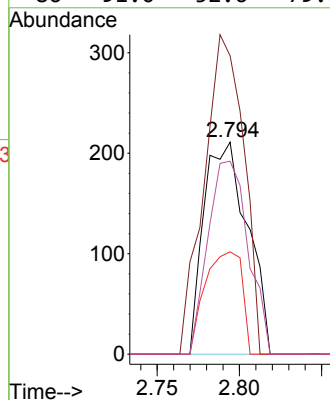
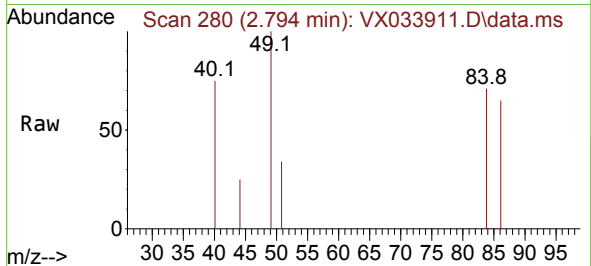




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033911.D
Acq: 26 Jan 2023 15:56

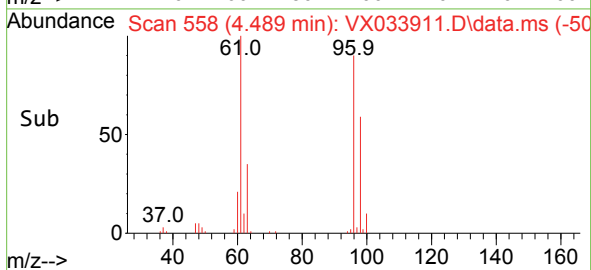
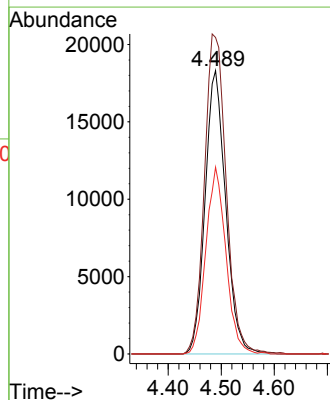
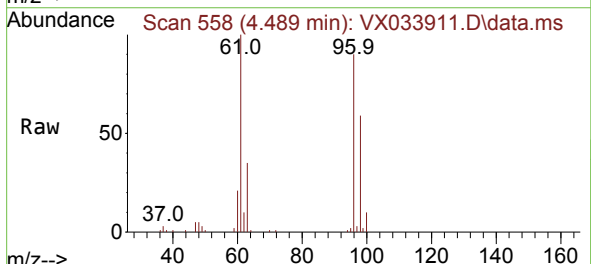
Instrument :
MSVOA_X
ClientSampleId :
DUP-01

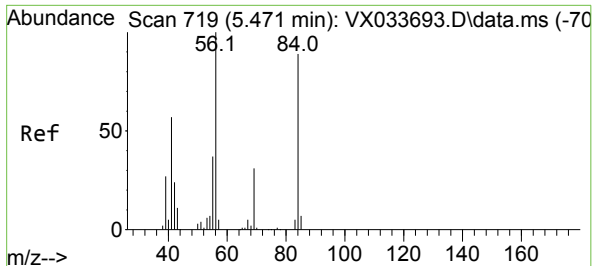
Tgt Ion: 84 Resp: 389
Ion Ratio Lower Upper
84 100
49 140.8 101.1 151.7
51 48.3 31.0 46.6#
86 91.0 52.6 79.0#



#27
cis-1,2-Dichloroethene
Concen: 27.982 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX033911.D
Acq: 26 Jan 2023 15:56

Tgt Ion: 96 Resp: 49448
Ion Ratio Lower Upper
96 100
61 119.5 0.0 277.6
98 64.2 0.0 128.0

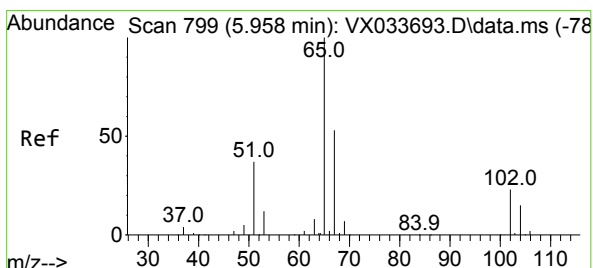
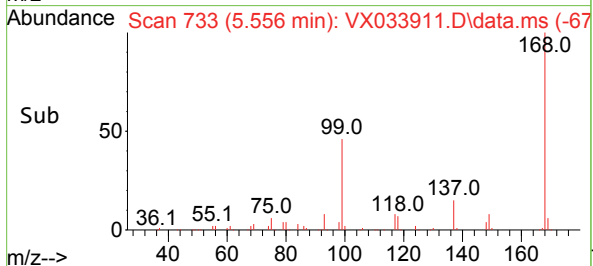
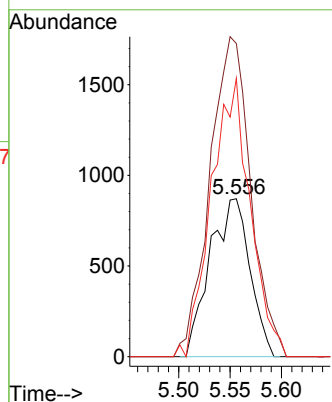
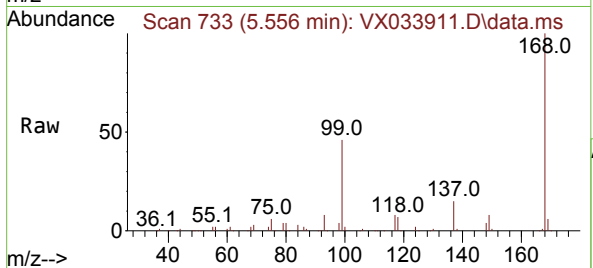




#31
Cyclohexane
Concen: 0.939 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX033911.D
Acq: 26 Jan 2023 15:56

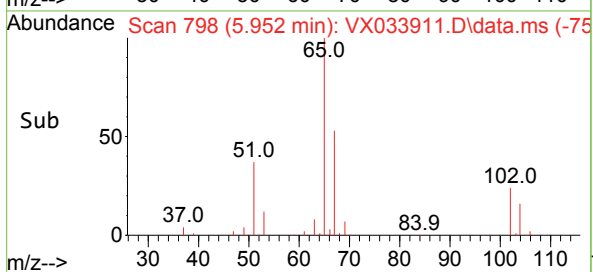
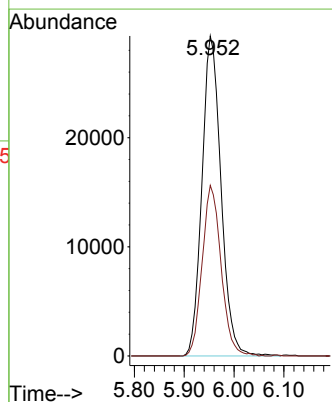
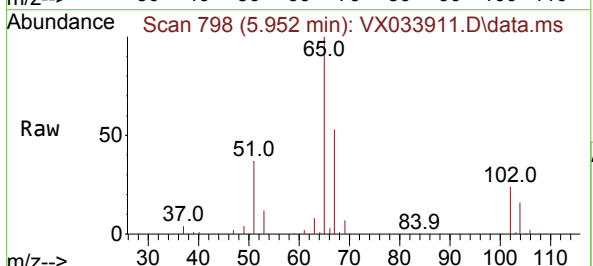
Instrument :
MSVOA_X
ClientSampleId :
DUP-01

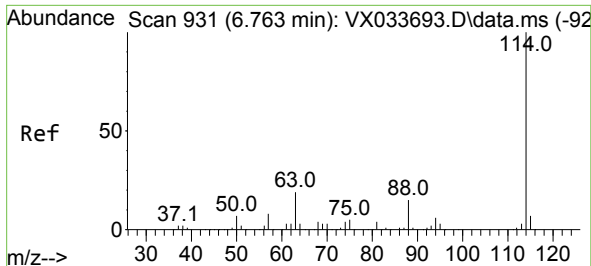
Tgt Ion: 56 Resp: 2352
Ion Ratio Lower Upper
56 100
69 189.9 24.6 37.0#
84 168.8 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 45.828 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033911.D
Acq: 26 Jan 2023 15:56

Tgt Ion: 65 Resp: 77972
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.8

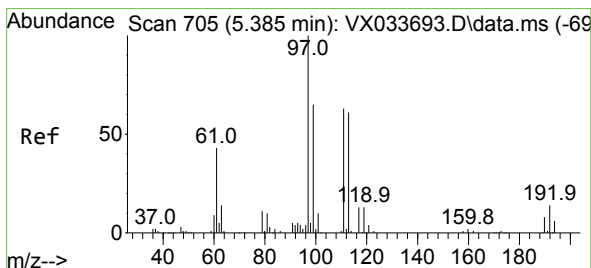
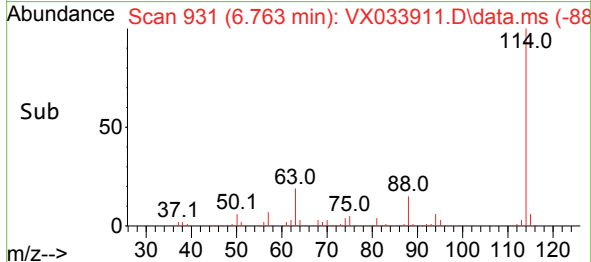
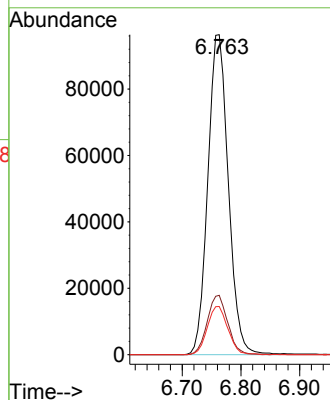
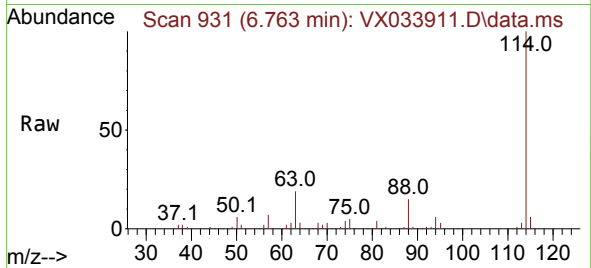




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033911.D
Acq: 26 Jan 2023 15:56

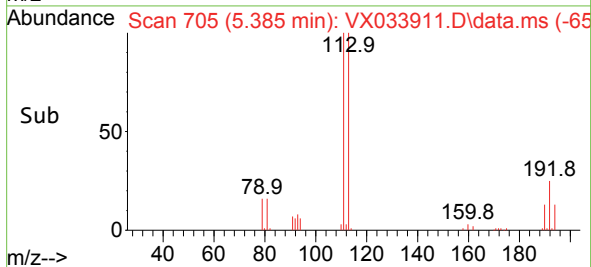
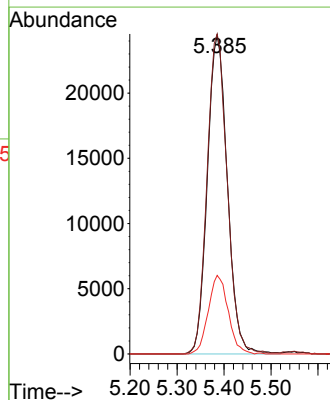
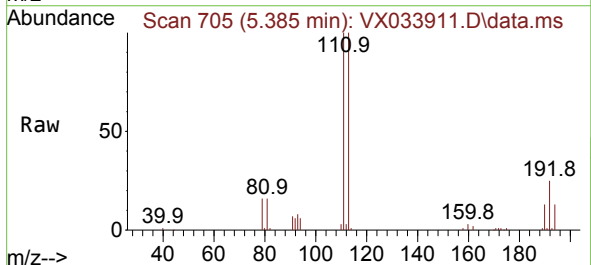
Instrument :
MSVOA_X
ClientSampleId :
DUP-01

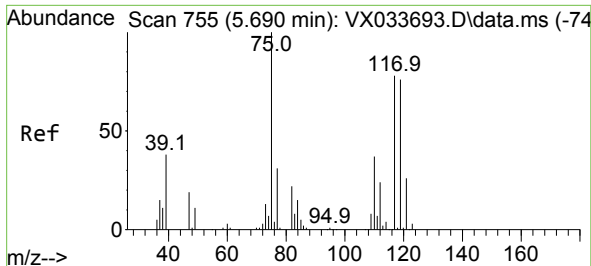
Tgt Ion:114 Resp: 233659
Ion Ratio Lower Upper
114 100
63 18.6 0.0 37.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.776 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033911.D
Acq: 26 Jan 2023 15:56

Tgt Ion:113 Resp: 72219
Ion Ratio Lower Upper
113 100
111 100.8 83.0 124.6
192 24.5 19.0 28.4





#36

1,1-Dichloropropene

Concen: 4.426 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX033911.D

Acq: 26 Jan 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

DUP-01

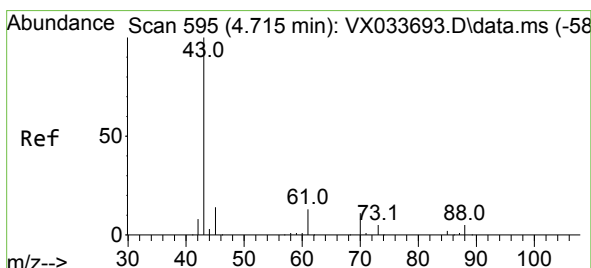
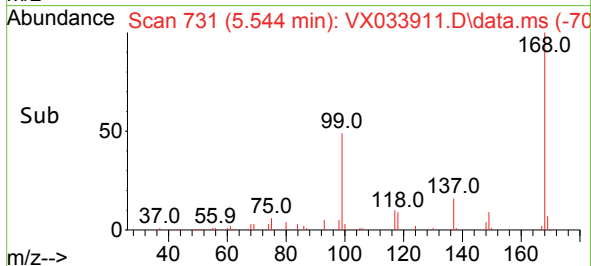
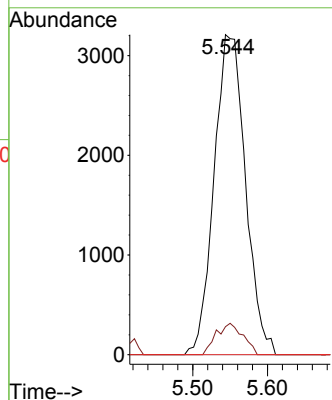
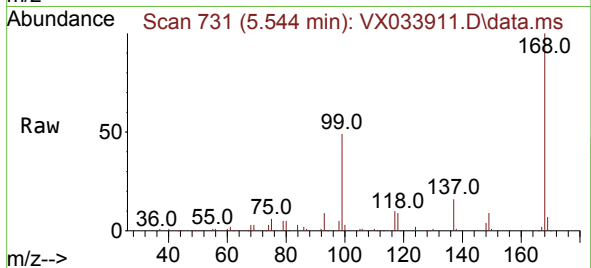
Tgt Ion: 75 Resp: 9372

Ion Ratio Lower Upper

75 100

110 8.4 18.8 56.4#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: Below Cal

RT: 4.581 min Scan# 573

Delta R.T. -0.134 min

Lab File: VX033911.D

Acq: 26 Jan 2023 15:56

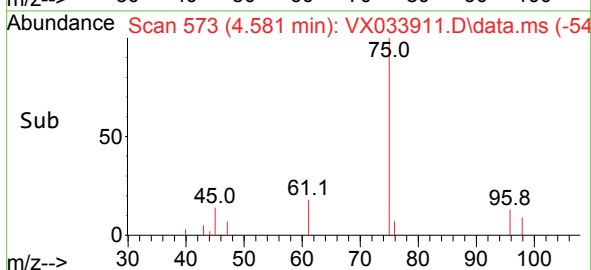
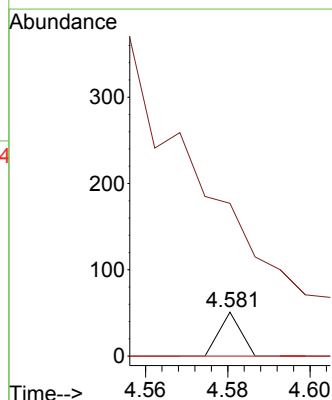
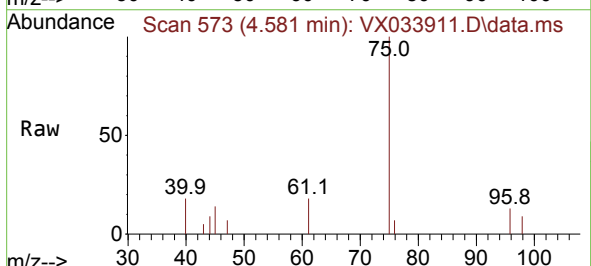
Tgt Ion: 43 Resp: 19

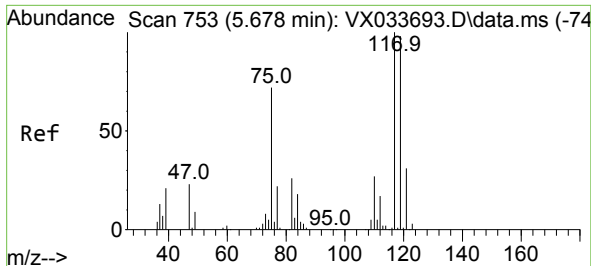
Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.5 12.7#

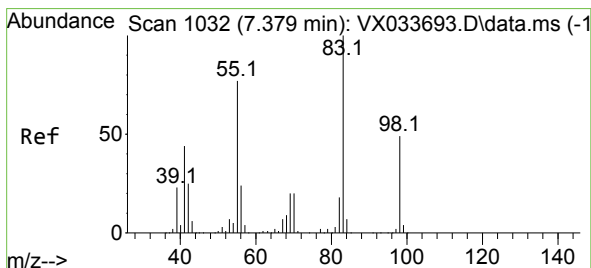
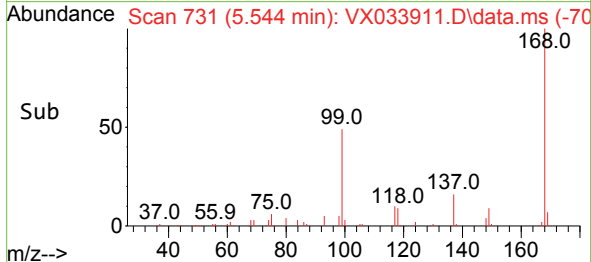
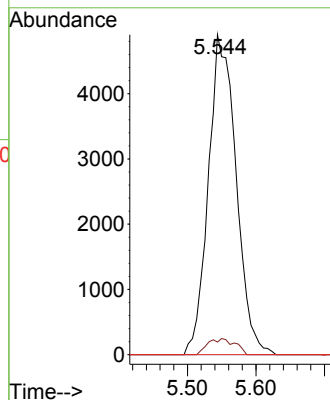
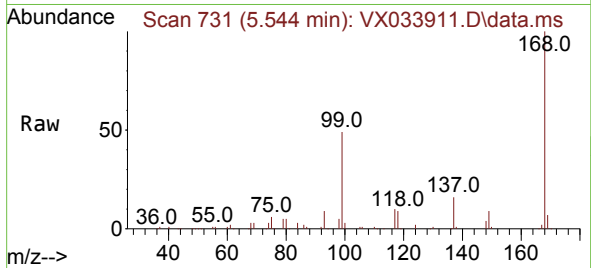




#38
Carbon Tetrachloride
Concen: 6.289 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX033911.D
Acq: 26 Jan 2023 15:56

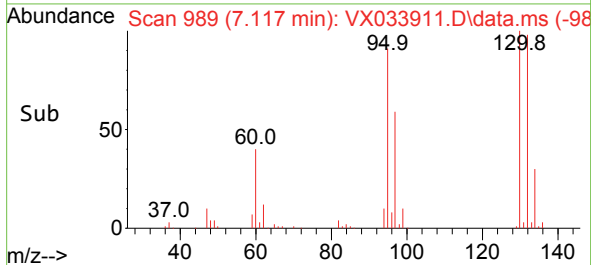
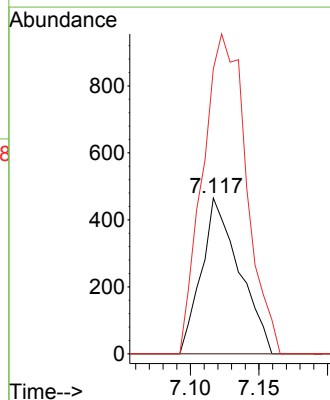
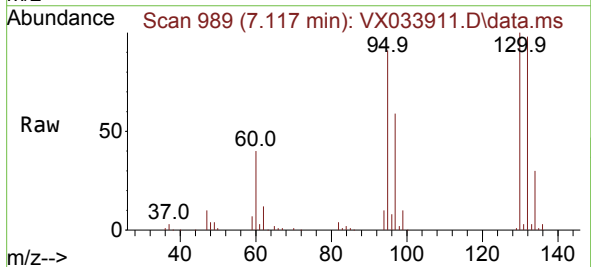
Instrument :
MSVOA_X
ClientSampleId :
DUP-01

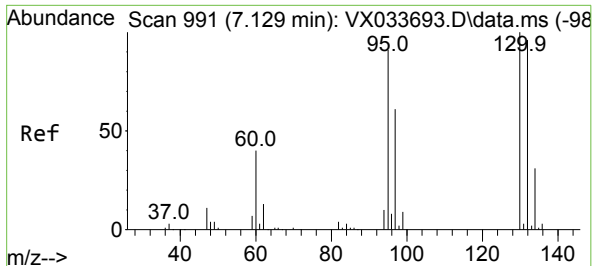
Tgt Ion:117 Resp: 13793
Ion Ratio Lower Upper
117 100
119 3.9 78.0 117.0#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.342 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.262 min
Lab File: VX033911.D
Acq: 26 Jan 2023 15:56

Tgt Ion: 83 Resp: 894
Ion Ratio Lower Upper
83 100
55 0.0 61.8 92.6#
98 183.0 39.3 58.9#

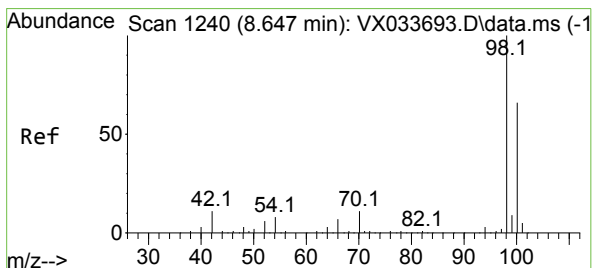
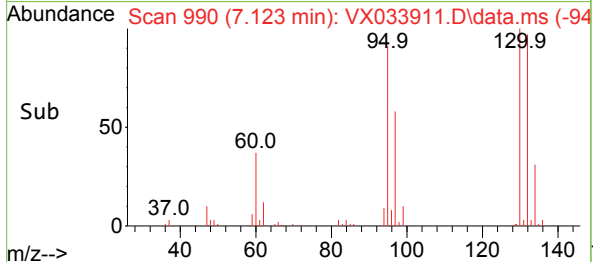
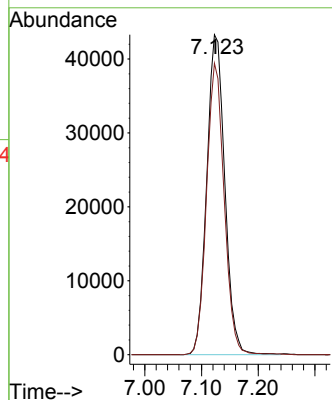
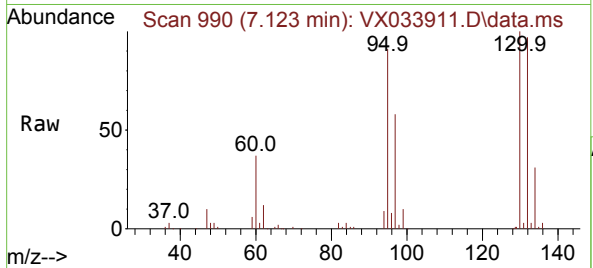




#44
Trichloroethene
Concen: 55.497 ug/l
RT: 7.123 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX033911.D
Acq: 26 Jan 2023 15:56

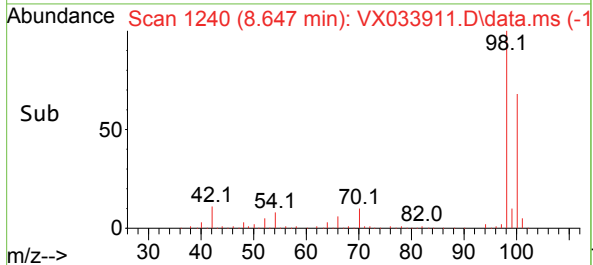
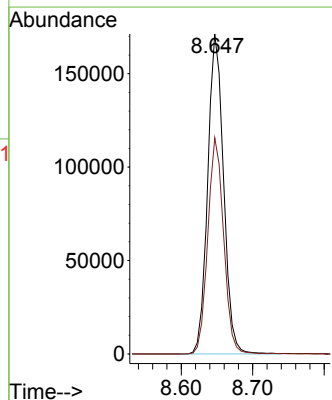
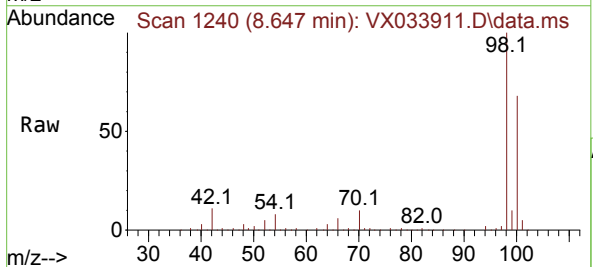
Instrument :
MSVOA_X
ClientSampleId :
DUP-01

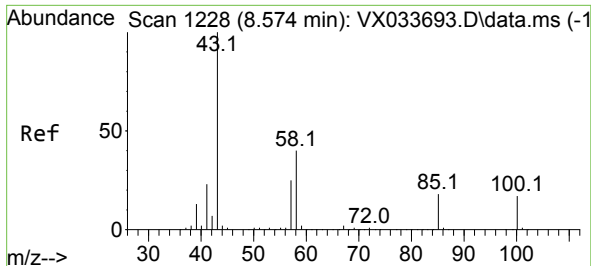
Tgt Ion:130 Resp: 95784
Ion Ratio Lower Upper
130 100
95 91.1 0.0 182.6



#50
Toluene-d8
Concen: 49.953 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033911.D
Acq: 26 Jan 2023 15:56

Tgt Ion: 98 Resp: 264073
Ion Ratio Lower Upper
98 100
100 67.5 53.6 80.4

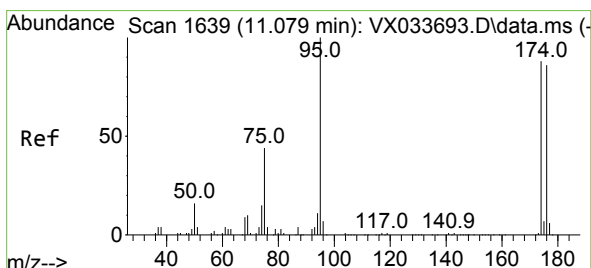
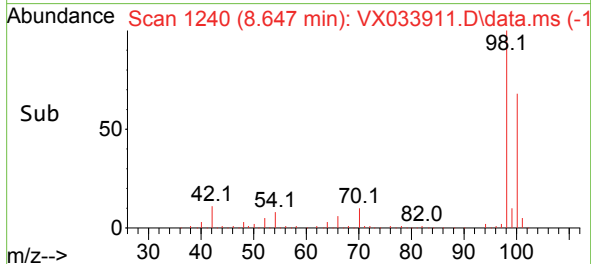
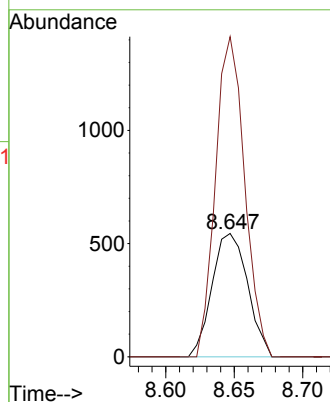
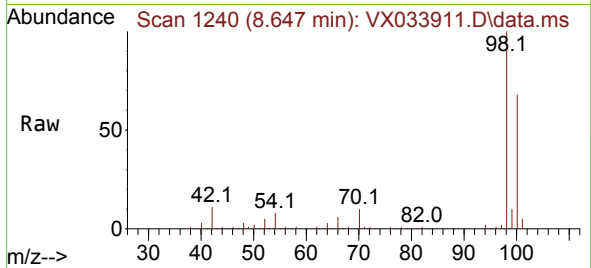




#51
4-Methyl-2-Pentanone
Concen: 0.479 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033911.D
Acq: 26 Jan 2023 15:56

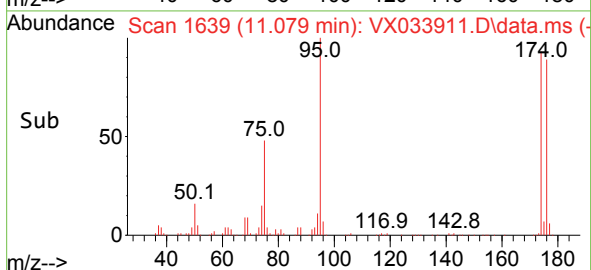
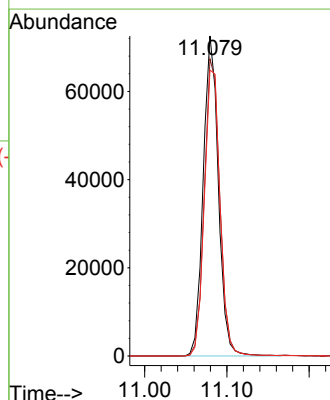
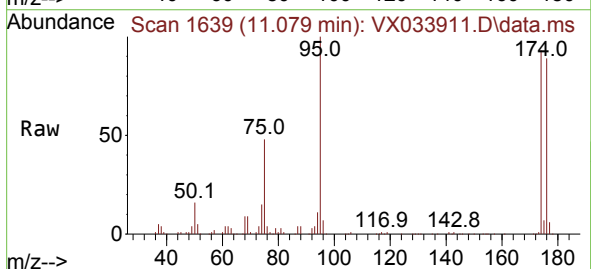
Instrument :
MSVOA_X
ClientSampleId :
DUP-01

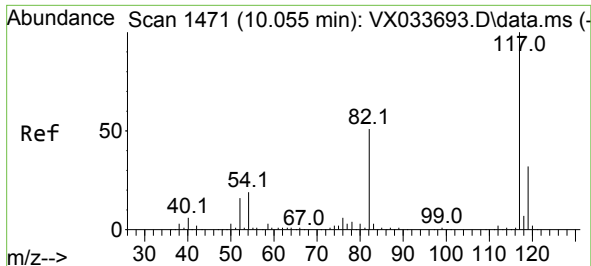
Tgt Ion: 43 Resp: 984
Ion Ratio Lower Upper
43 100
58 212.8 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 47.271 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033911.D
Acq: 26 Jan 2023 15:56

Tgt Ion: 95 Resp: 92781
Ion Ratio Lower Upper
95 100
174 94.8 0.0 184.4
176 93.3 0.0 178.8

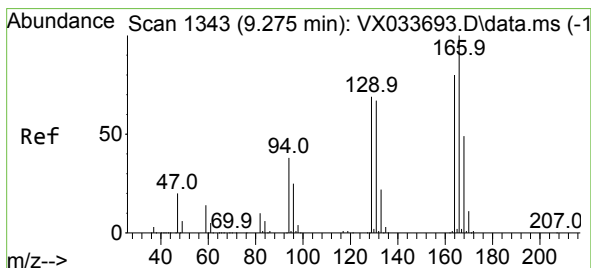
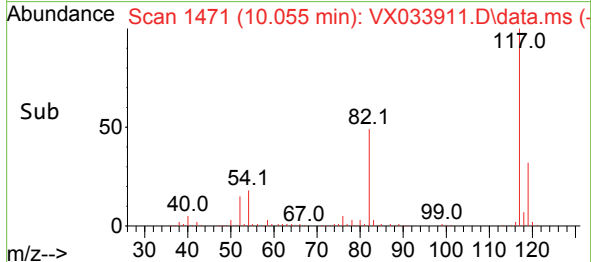
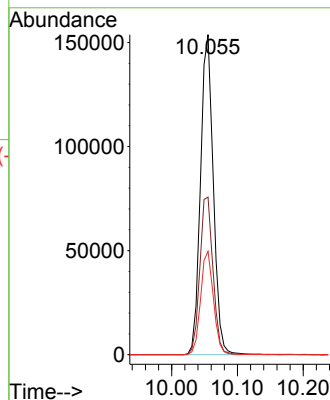
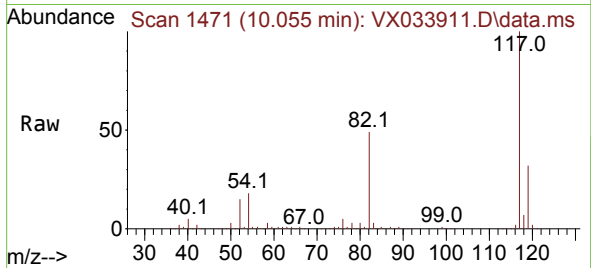




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033911.D
Acq: 26 Jan 2023 15:56

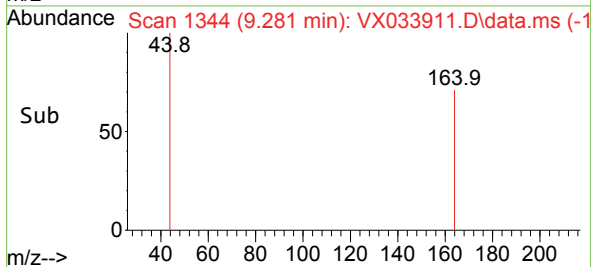
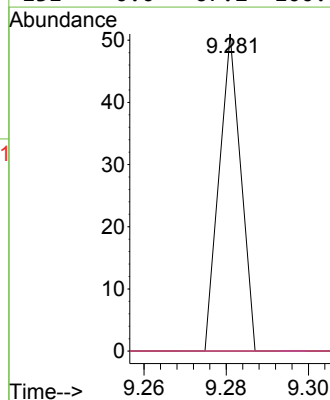
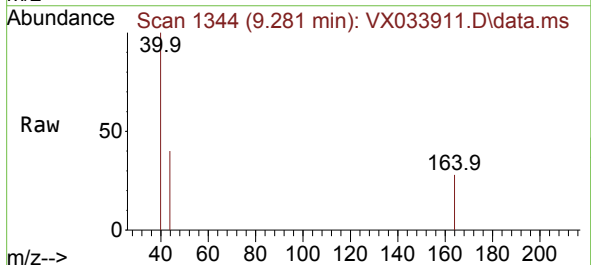
Instrument :
MSVOA_X
ClientSampleId :
DUP-01

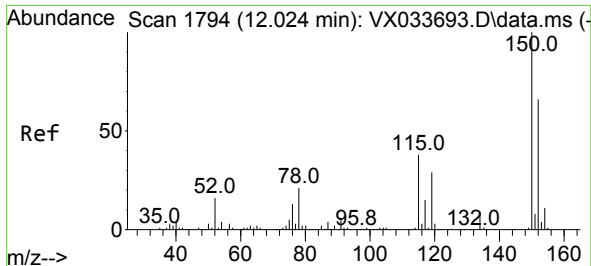
Tgt Ion:117 Resp: 208600
Ion Ratio Lower Upper
117 100
82 49.3 40.6 60.8
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: Below Cal
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX033911.D
Acq: 26 Jan 2023 15:56

Tgt Ion:164 Resp: 19
Ion Ratio Lower Upper
164 100
166 0.0 100.2 150.2#
129 0.0 69.2 103.8#
131 0.0 67.2 100.8#

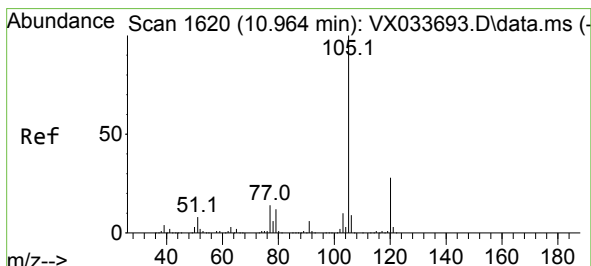
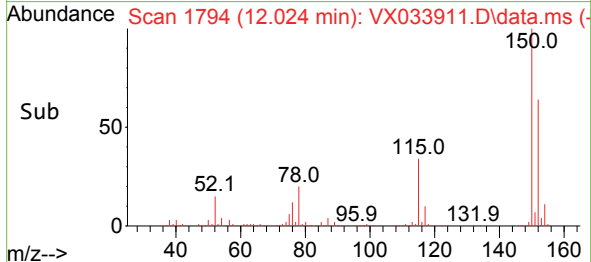
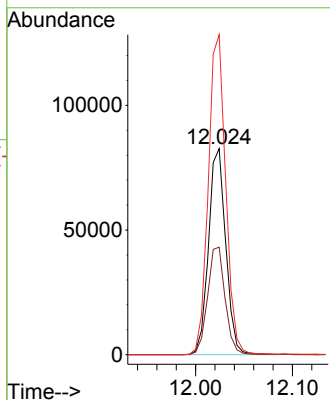
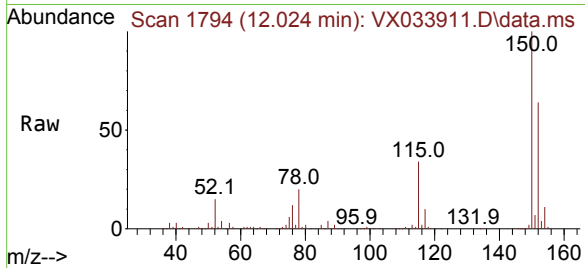




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033911.D
Acq: 26 Jan 2023 15:56

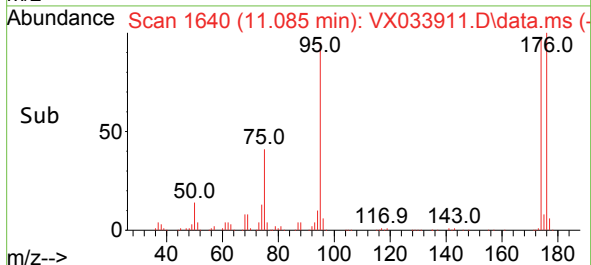
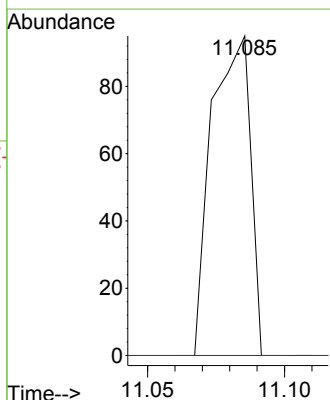
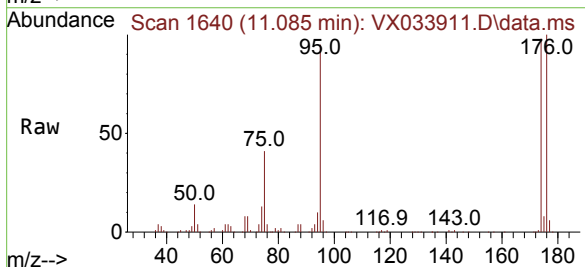
Instrument :
MSVOA_X
ClientSampleId :
DUP-01

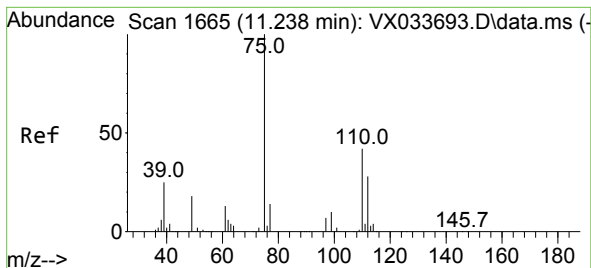
Tgt Ion:152 Resp: 102653
Ion Ratio Lower Upper
152 100
115 53.3 38.7 116.1
150 157.2 0.0 348.2



#73
Isopropylbenzene
Concen: Below Cal
RT: 11.085 min Scan# 1640
Delta R.T. 0.121 min
Lab File: VX033911.D
Acq: 26 Jan 2023 15:56

Tgt Ion:105 Resp: 93
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#





#76

1,2,3-Trichloropropane

Concen: 22.784 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX033911.D

Acq: 26 Jan 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

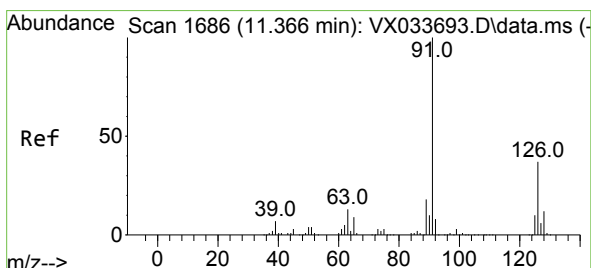
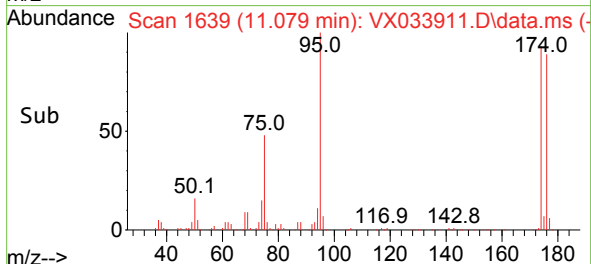
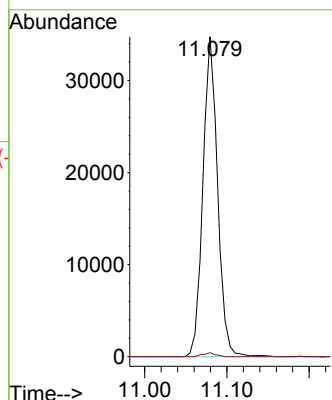
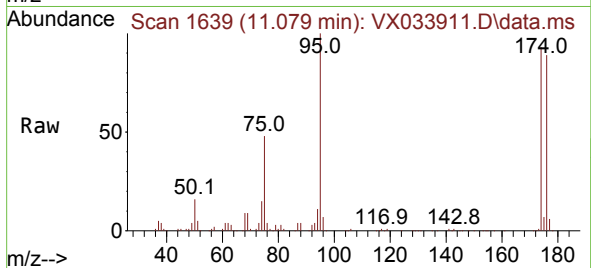
DUP-01

Tgt Ion: 75 Resp: 42972

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.4#



#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.305 min Scan# 1676

Delta R.T. -0.061 min

Lab File: VX033911.D

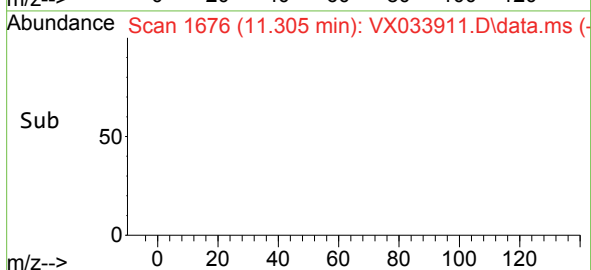
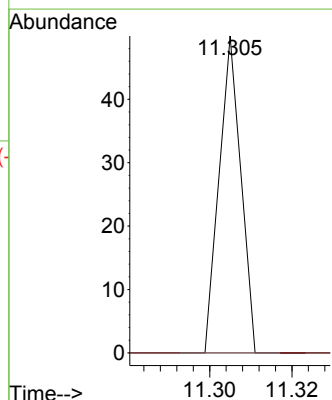
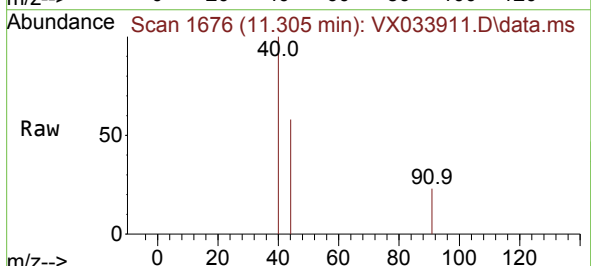
Acq: 26 Jan 2023 15:56

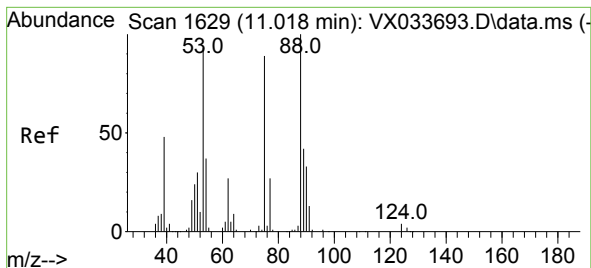
Tgt Ion: 91 Resp: 18

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.1#

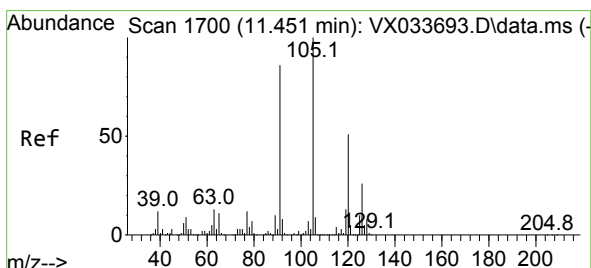
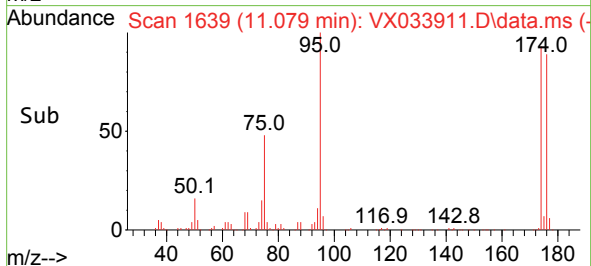
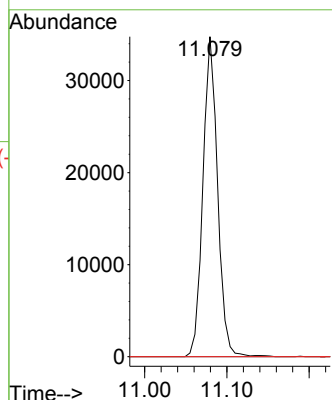
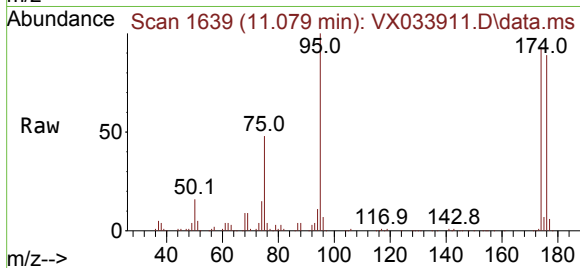




#81
trans-1,4-Dichloro-2-butene
Concen: 70.809 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033911.D
Acq: 26 Jan 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
DUP-01

Tgt Ion: 75 Resp: 42972
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX033911.D
Acq: 26 Jan 2023 15:56

Tgt Ion: 91 Resp: 52
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#

