

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013023\
 Data File : VX033955.D
 Acq On : 30 Jan 2023 18:47
 Operator : JC/MD
 Sample : 01328-05
 Misc : 5.21g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 31 04:52:21 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)

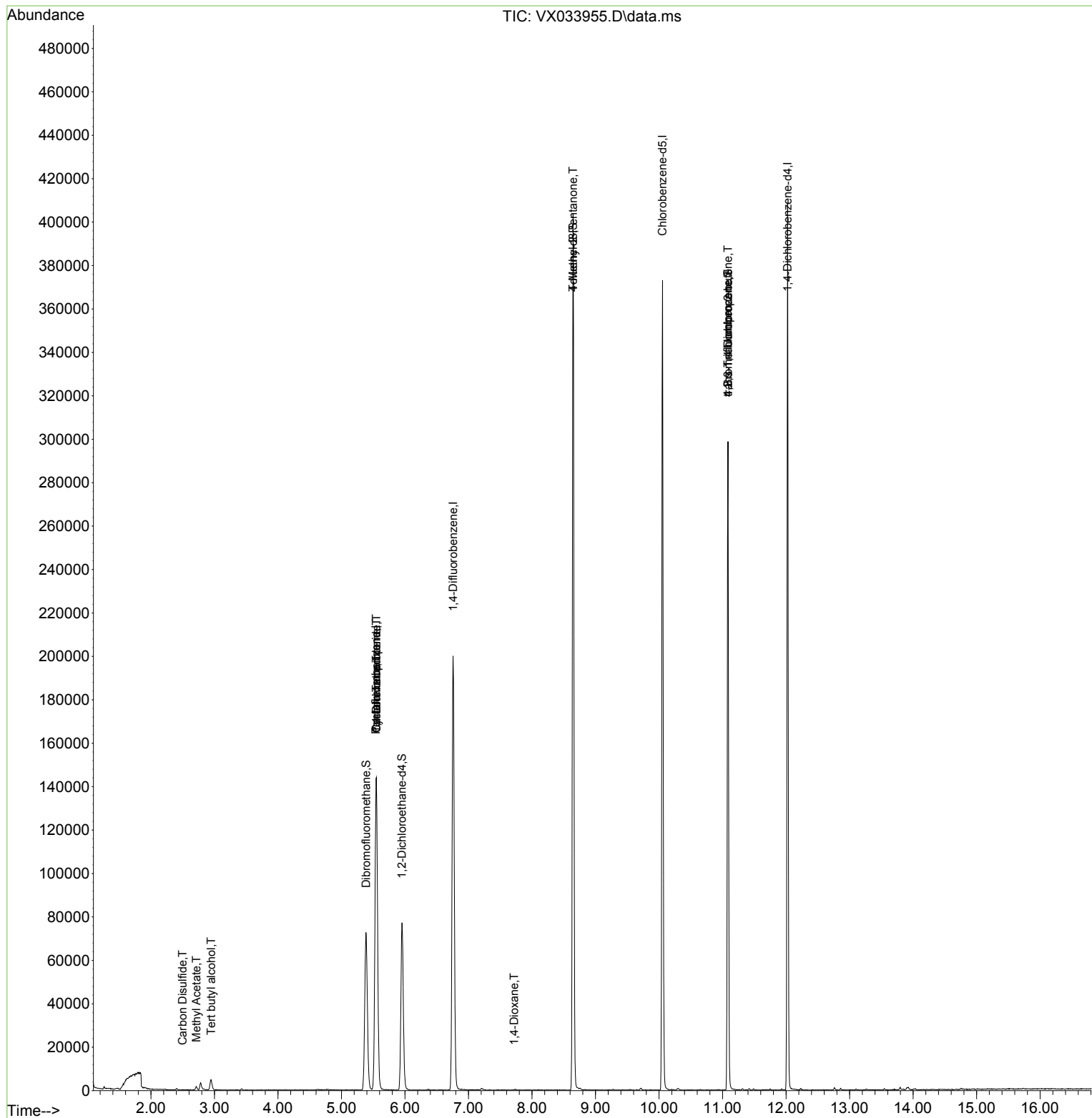
Internal Standards						
1) Pentafluorobenzene	5.544	168	159446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	221402	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72138	42.969	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.940%
35) Dibromofluoromethane	5.385	113	63830	46.429	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.860%
50) Toluene-d8	8.647	98	248356	49.581	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.160%
62) 4-Bromofluorobenzene	11.085	95	83456	44.874	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.740%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	3019	10.352	ug/l #	86
16) Acetone	2.410	43	765	Below Cal		91
17) Carbon Disulfide	2.496	76	64	1.841	ug/l #	76
18) Methyl Acetate	2.715	43	1971	0.841	ug/l	98
20) Methylene Chloride	2.782	84	1939	Below Cal	#	81
31) Cyclohexane	5.550	56	2345	0.949	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9133	4.552	ug/l #	49
37) Ethyl Acetate	4.769	43	55	Below Cal	#	68
38) Carbon Tetrachloride	5.550	117	13583	6.536	ug/l #	15
49) 1,4-Dioxane	7.720	88	117	3.315	ug/l #	7
51) 4-Methyl-2-Pentanone	8.647	43	915	0.470	ug/l #	1
73) Isopropylbenzene	11.079	105	54	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.085	75	37449	21.860	ug/l #	34
79) 2-Chlorotoluene	11.372	91	41	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.085	75	37449	67.940	ug/l #	8
82) 4-Chlorotoluene	11.476	91	23	Below Cal	#	43

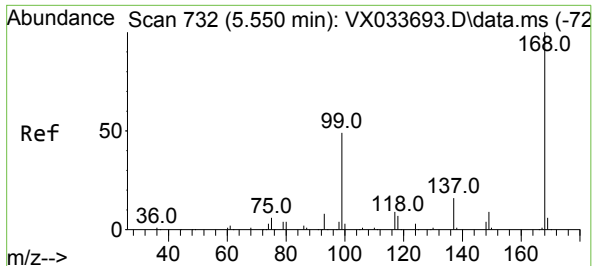
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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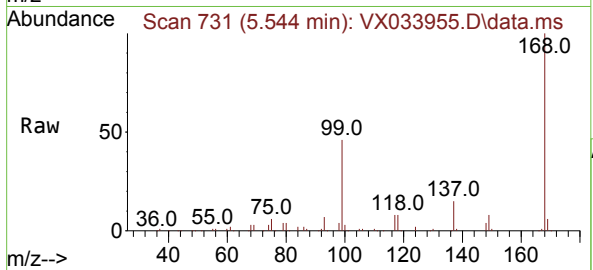
Quant Time: Jan 31 04:52:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration



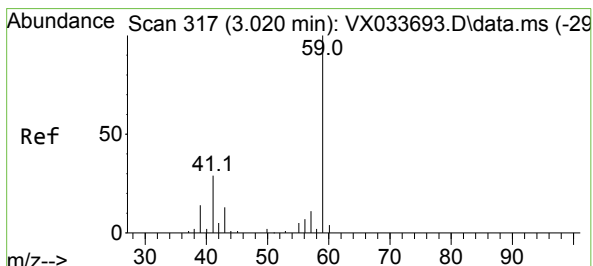
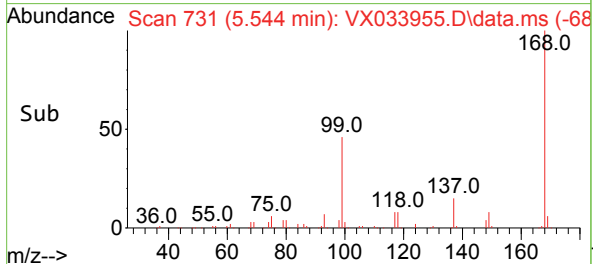
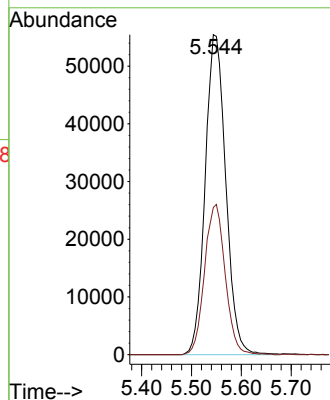


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033955.D
Acq: 30 Jan 2023 18:47

Instrument :
MSVOA_X
ClientSampleId :

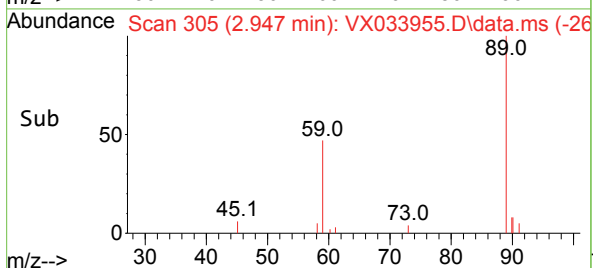
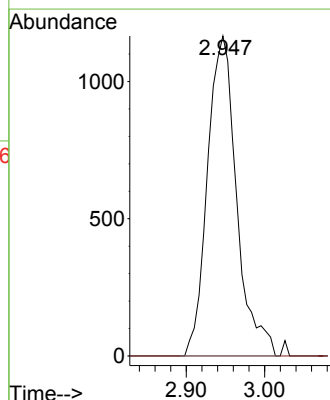
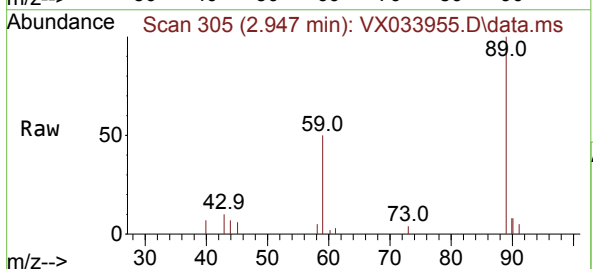


Tgt Ion:168 Resp: 159446
Ion Ratio Lower Upper
168 100
99 46.0 39.6 59.4



#11
Tert butyl alcohol
Concen: 10.352 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.073 min
Lab File: VX033955.D
Acq: 30 Jan 2023 18:47

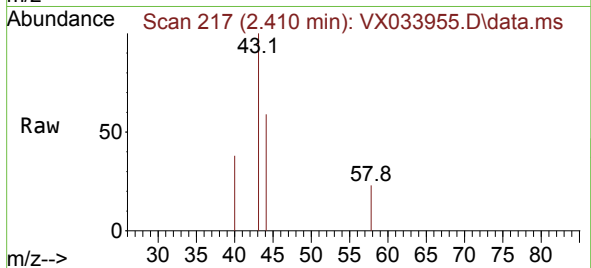
Tgt Ion: 59 Resp: 3019
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#



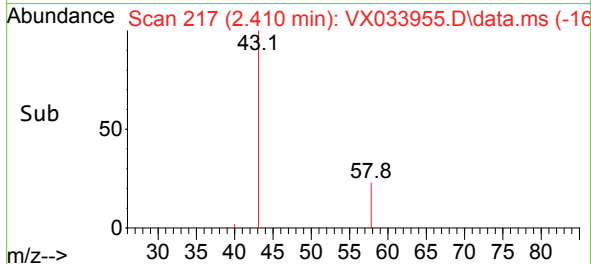
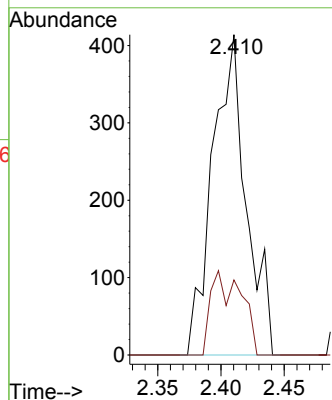


#16
Acetone
Concen: Below Cal
RT: 2.410 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX033955.D
Acq: 30 Jan 2023 18:47

Instrument :
MSVOA_X
ClientSampleId :

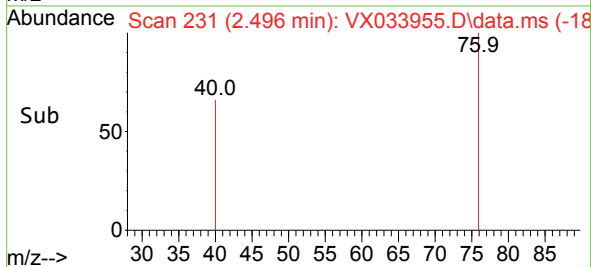
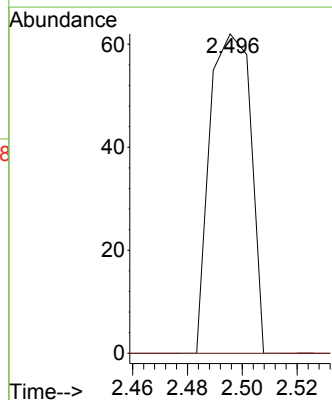
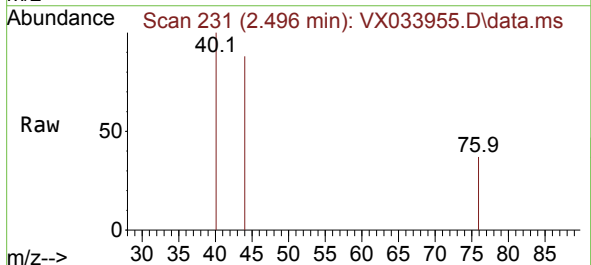


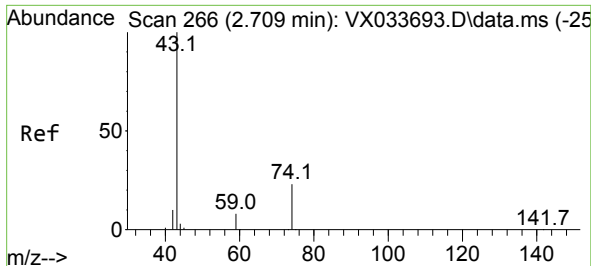
Tgt Ion: 43 Resp: 765
Ion Ratio Lower Upper
43 100
58 23.4 22.6 33.8



#17
Carbon Disulfide
Concen: 1.841 ug/l
RT: 2.496 min Scan# 231
Delta R.T. -0.018 min
Lab File: VX033955.D
Acq: 30 Jan 2023 18:47

Tgt Ion: 76 Resp: 64
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

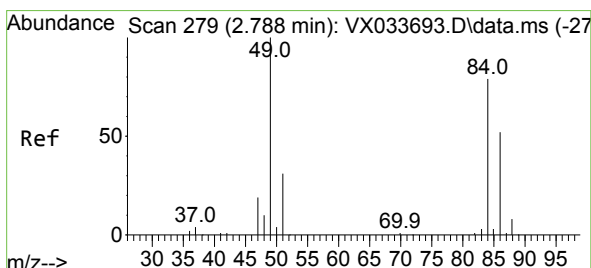
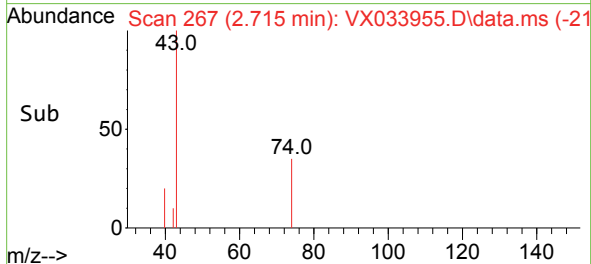
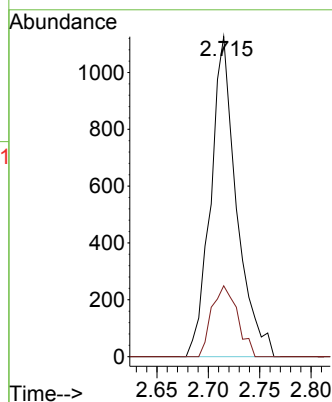
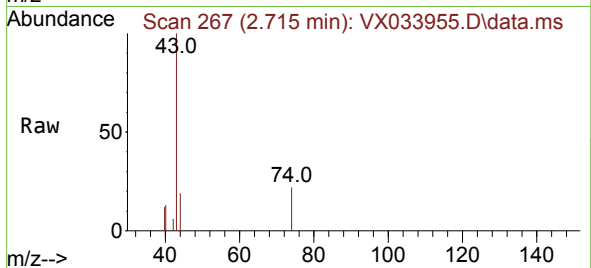




#18
Methyl Acetate
Concen: 0.841 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX033955.D
Acq: 30 Jan 2023 18:47

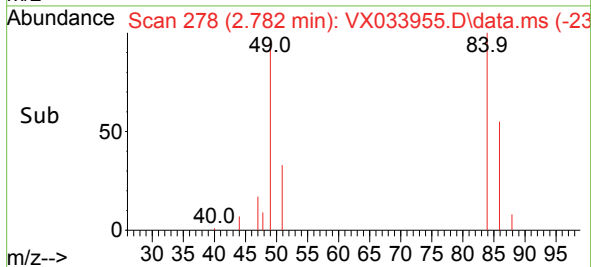
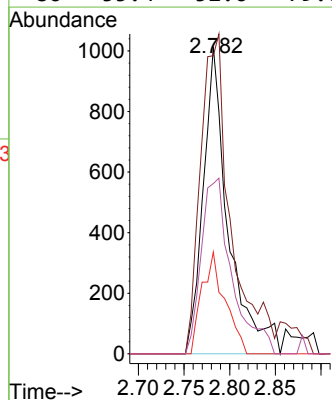
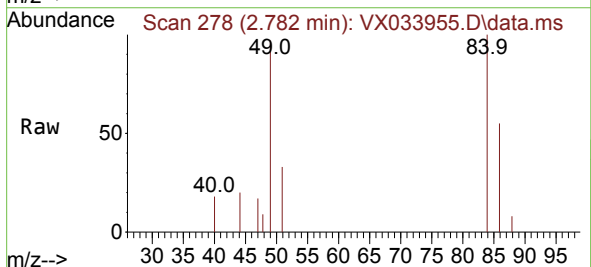
Instrument :
MSVOA_X
ClientSampleId :

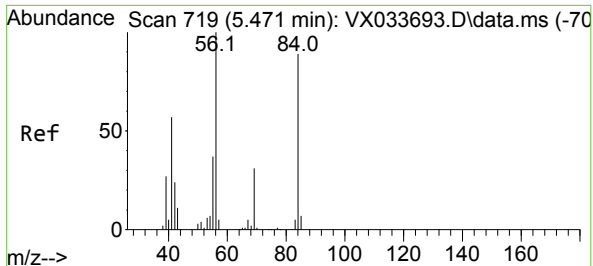
Tgt Ion: 43 Resp: 1971
Ion Ratio Lower Upper
43 100
74 22.0 18.2 27.4



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX033955.D
Acq: 30 Jan 2023 18:47

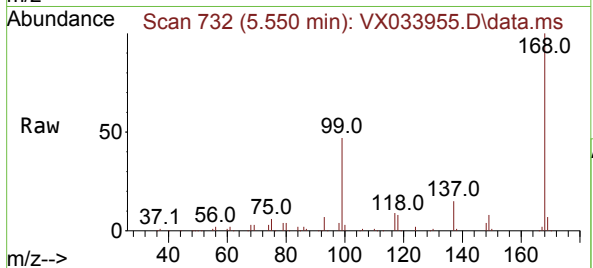
Tgt Ion: 84 Resp: 1939
Ion Ratio Lower Upper
84 100
49 97.0 101.1 151.7#
51 33.1 31.0 46.6
86 55.4 52.6 79.0



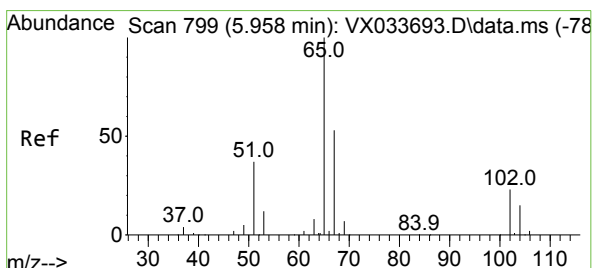
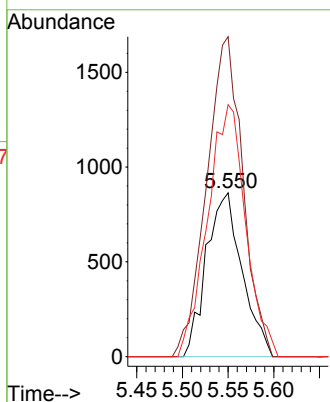
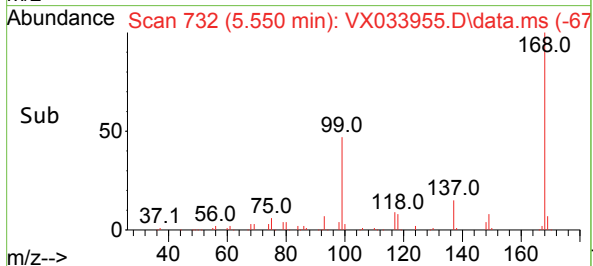


#31
Cyclohexane
Concen: 0.949 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033955.D
Acq: 30 Jan 2023 18:47

Instrument :
MSVOA_X
ClientSampleId :

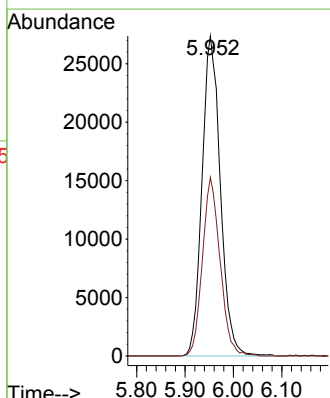
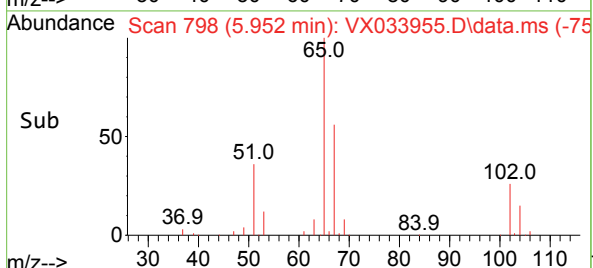
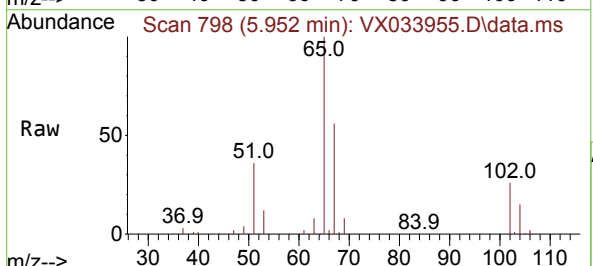


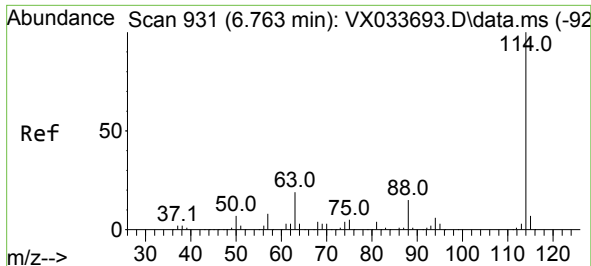
Tgt Ion: 56 Resp: 2345
Ion Ratio Lower Upper
56 100
69 195.4 24.6 37.0#
84 162.6 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 42.969 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033955.D
Acq: 30 Jan 2023 18:47

Tgt Ion: 65 Resp: 72138
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.8

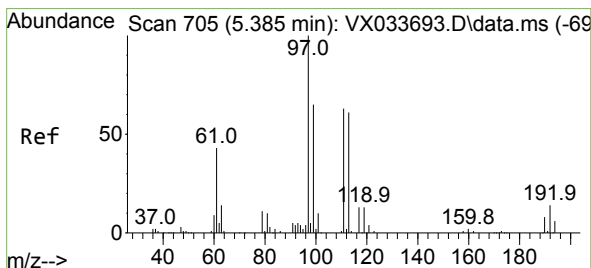
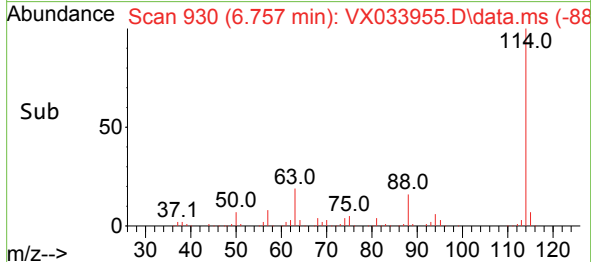
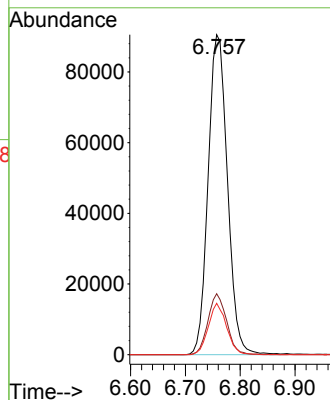
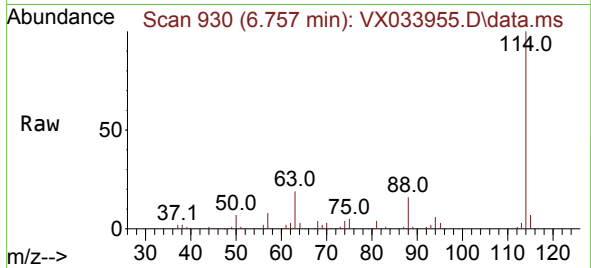




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX033955.D
Acq: 30 Jan 2023 18:47

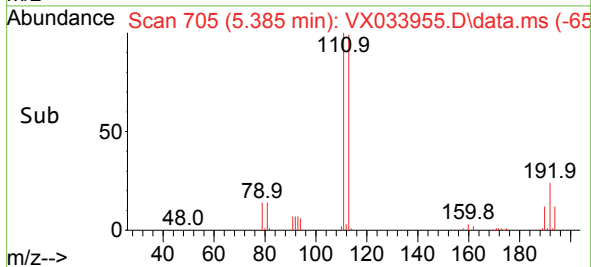
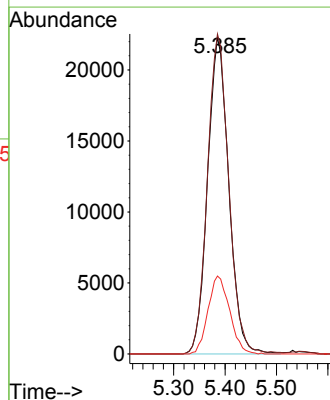
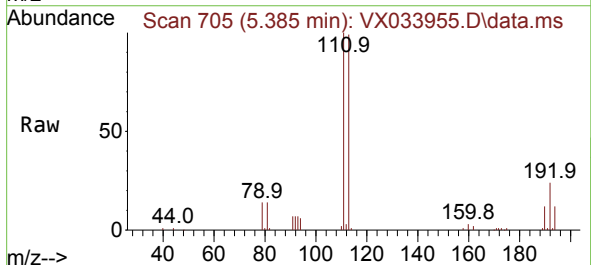
Instrument :
MSVOA_X
ClientSampleId :

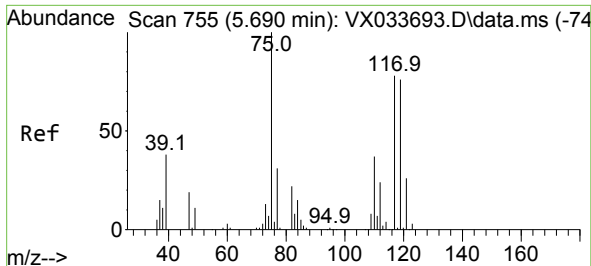
Tgt Ion:114 Resp: 221402
Ion Ratio Lower Upper
114 100
63 19.0 0.0 37.4
88 16.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.429 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033955.D
Acq: 30 Jan 2023 18:47

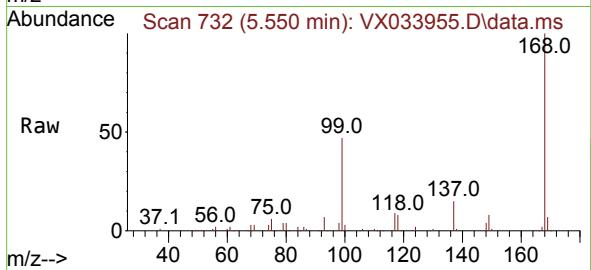
Tgt Ion:113 Resp: 63830
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.6
192 25.0 19.0 28.4



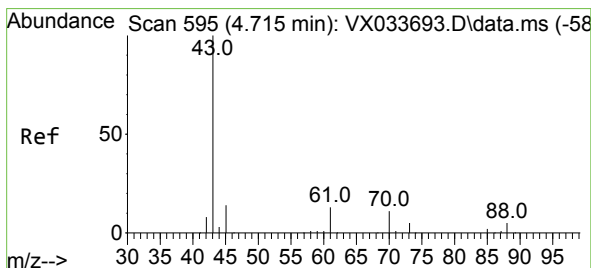
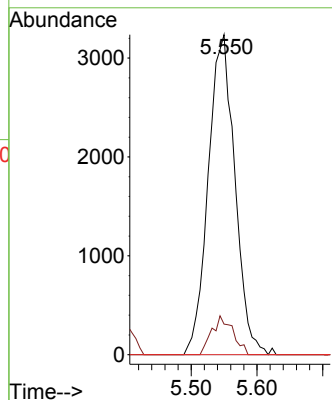
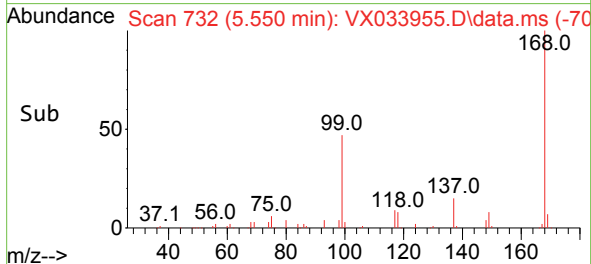


#36
1,1-Dichloropropene
Concen: 4.552 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033955.D
Acq: 30 Jan 2023 18:47

Instrument :
MSVOA_X
ClientSampleId :

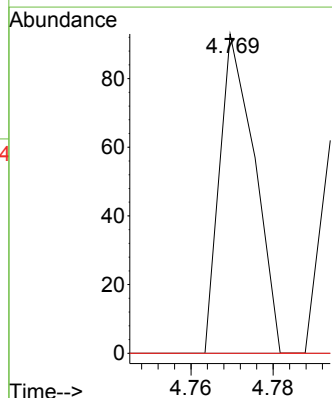
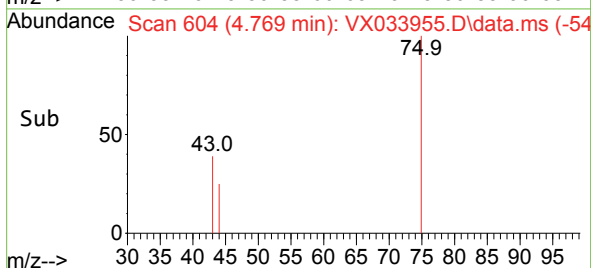
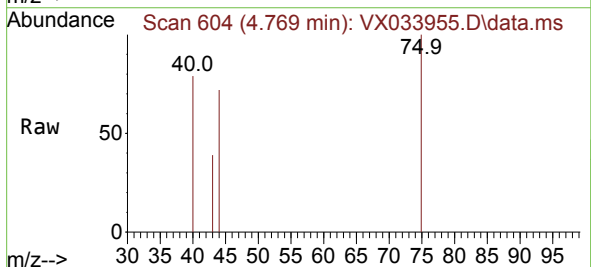


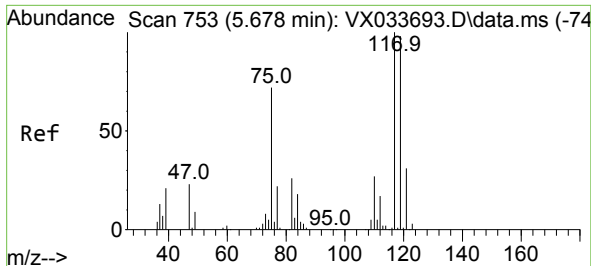
Tgt Ion: 75 Resp: 9133
Ion Ratio Lower Upper
75 100
110 9.6 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: Below Cal
RT: 4.769 min Scan# 604
Delta R.T. 0.054 min
Lab File: VX033955.D
Acq: 30 Jan 2023 18:47

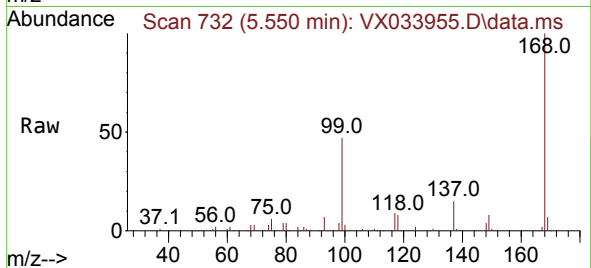
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.5 12.7#



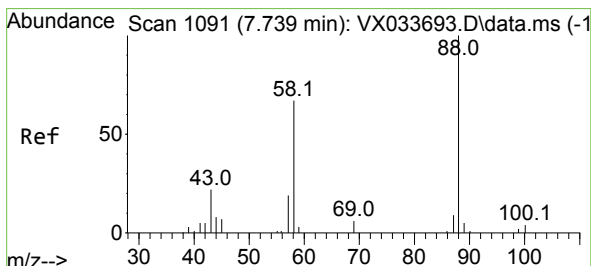
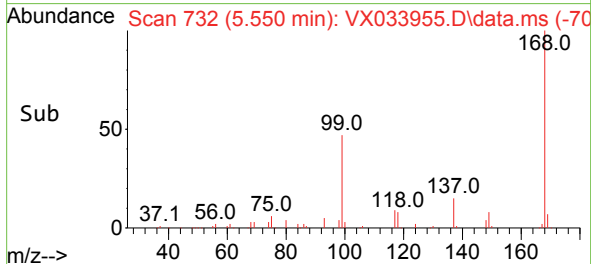
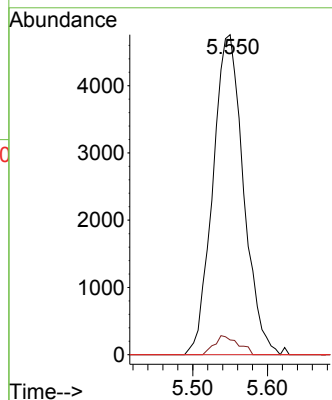


#38
Carbon Tetrachloride
Concen: 6.536 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033955.D
Acq: 30 Jan 2023 18:47

Instrument :
MSVOA_X
ClientSampleId :

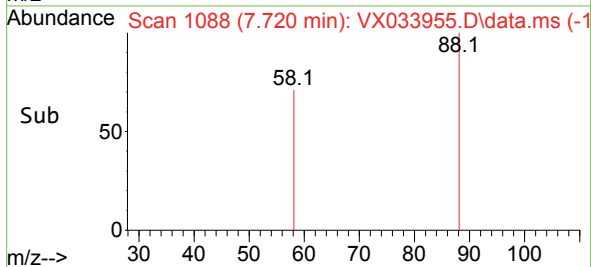
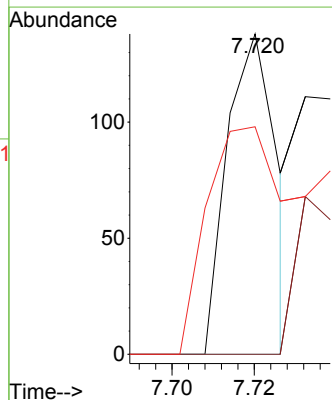
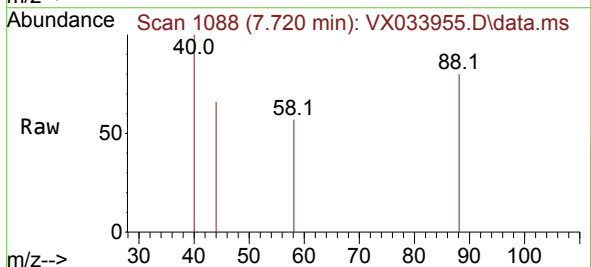


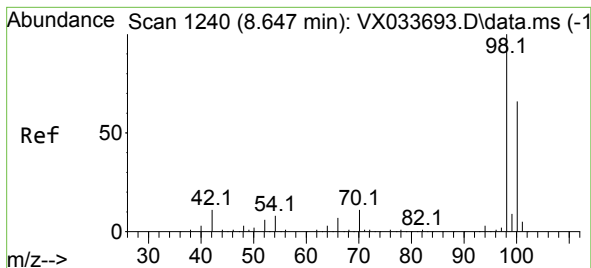
Tgt Ion:117 Resp: 13583
Ion Ratio Lower Upper
117 100
119 4.6 78.0 117.0#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 3.315 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. -0.018 min
Lab File: VX033955.D
Acq: 30 Jan 2023 18:47

Tgt Ion: 88 Resp: 117
Ion Ratio Lower Upper
88 100
43 39.3 0.0 0.0#
58 147.0 56.5 84.7#





#50

Toluene-d8

Concen: 49.581 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033955.D

Acq: 30 Jan 2023 18:47

Instrument :

MSVOA_X

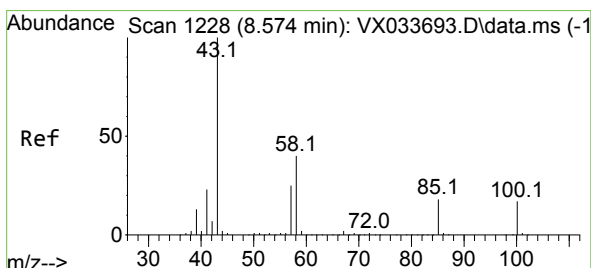
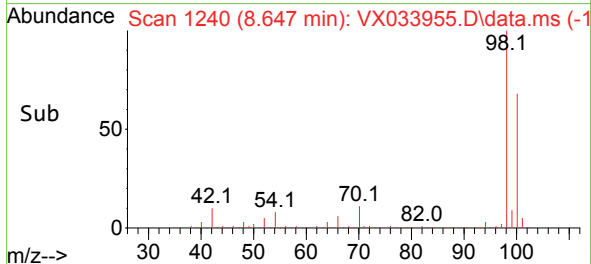
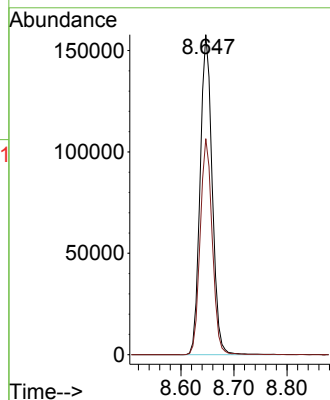
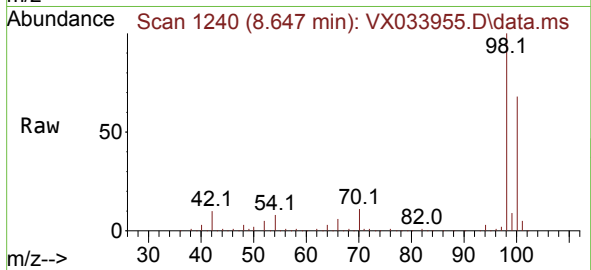
ClientSampleId :

Tgt Ion: 98 Resp: 248356

Ion Ratio Lower Upper

98 100

100 67.6 53.6 80.4



#51

4-Methyl-2-Pentanone

Concen: 0.470 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX033955.D

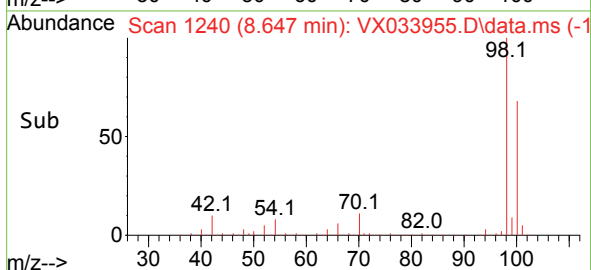
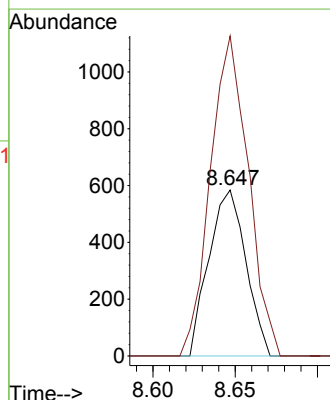
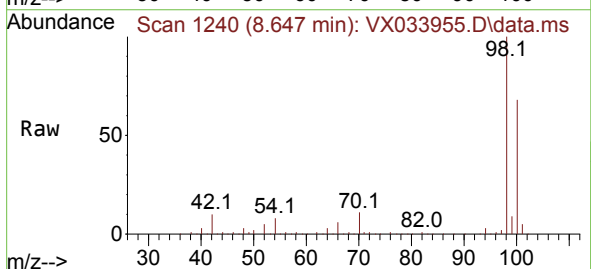
Acq: 30 Jan 2023 18:47

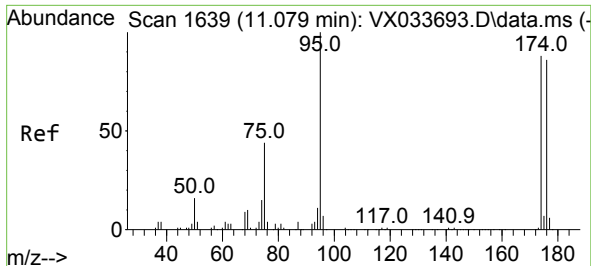
Tgt Ion: 43 Resp: 915

Ion Ratio Lower Upper

43 100

58 198.0 31.2 46.8#

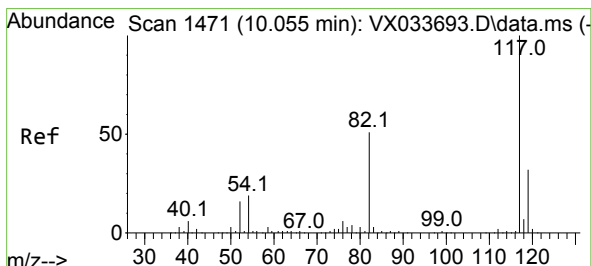
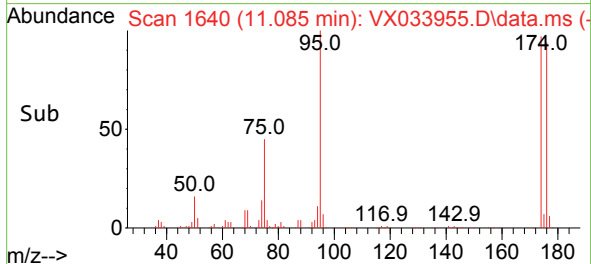
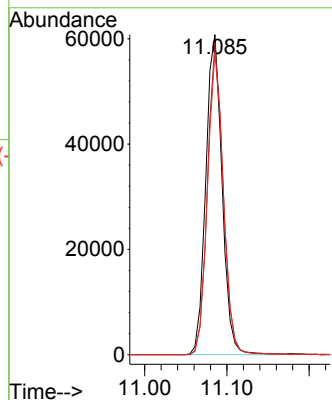
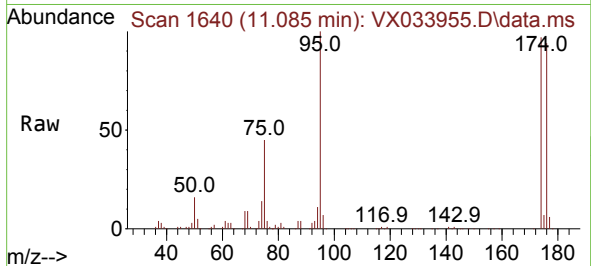




#62
4-Bromofluorobenzene
Concen: 44.874 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX033955.D
Acq: 30 Jan 2023 18:47

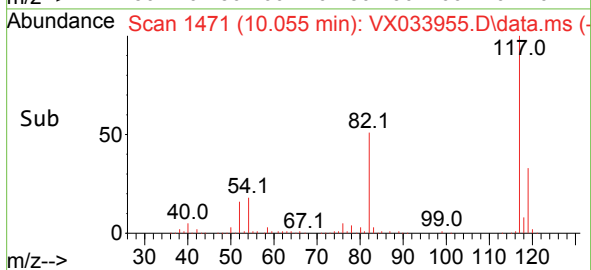
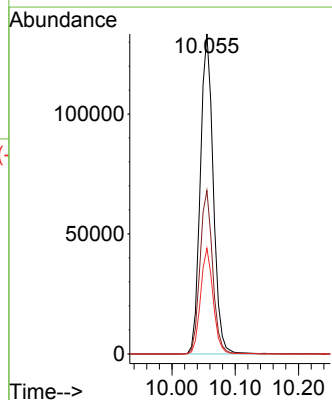
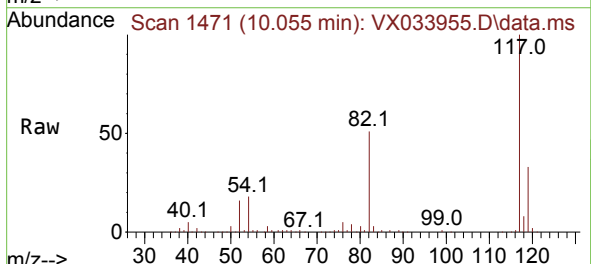
Instrument :
MSVOA_X
ClientSampleId :

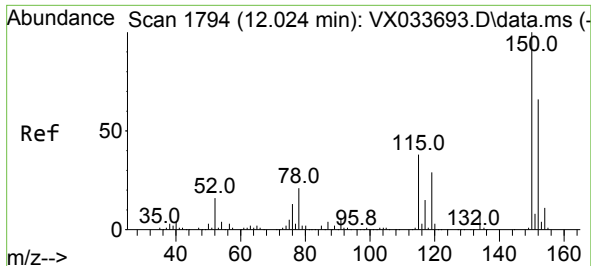
Tgt Ion: 95 Resp: 83456
Ion Ratio Lower Upper
95 100
174 94.2 0.0 184.4
176 92.1 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033955.D
Acq: 30 Jan 2023 18:47

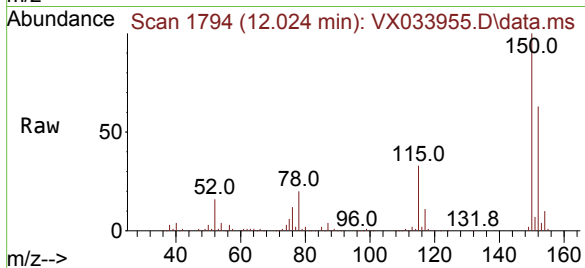
Tgt Ion: 117 Resp: 190272
Ion Ratio Lower Upper
117 100
82 51.1 40.6 60.8
119 33.0 25.6 38.4



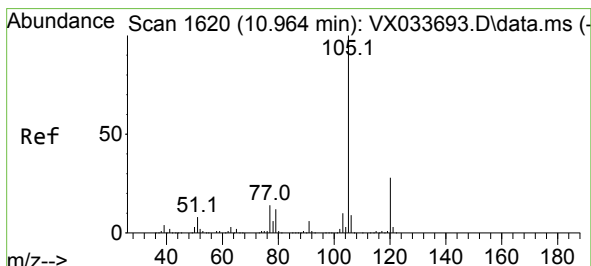
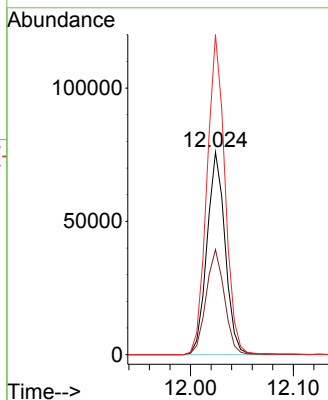
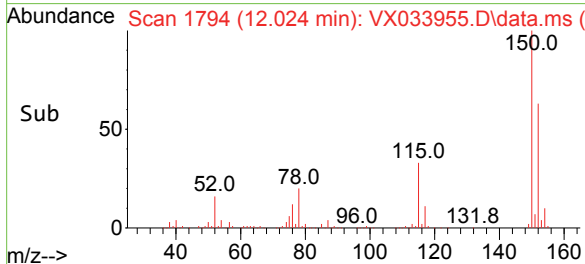


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033955.D
Acq: 30 Jan 2023 18:47

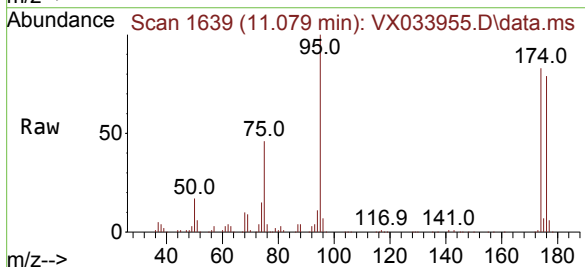
Instrument :
MSVOA_X
ClientSampleId :



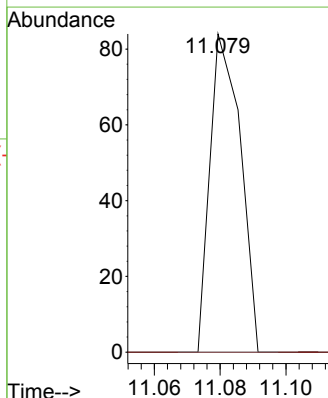
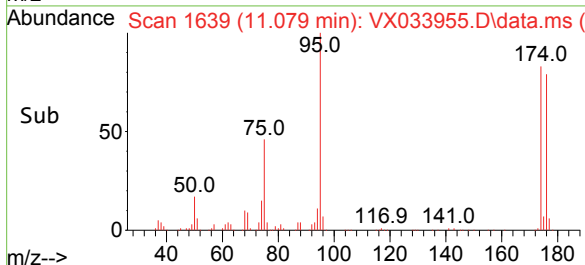
Tgt Ion:152 Resp: 93237
Ion Ratio Lower Upper
152 100
115 52.9 38.7 116.1
150 157.6 0.0 348.2

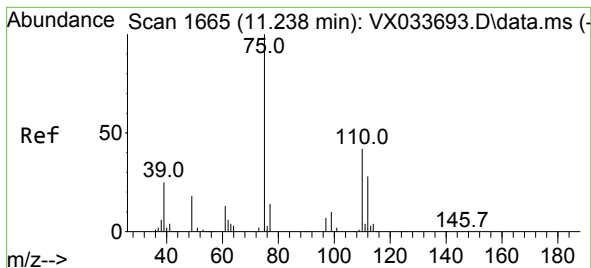


#73
Isopropylbenzene
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. 0.115 min
Lab File: VX033955.D
Acq: 30 Jan 2023 18:47



Tgt Ion:105 Resp: 54
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#





#76

1,2,3-Trichloropropane

Concen: 21.860 ug/l

RT: 11.085 min Scan# 1

Delta R.T. -0.152 min

Lab File: VX033955.D

Acq: 30 Jan 2023 18:47

Instrument :

MSVOA_X

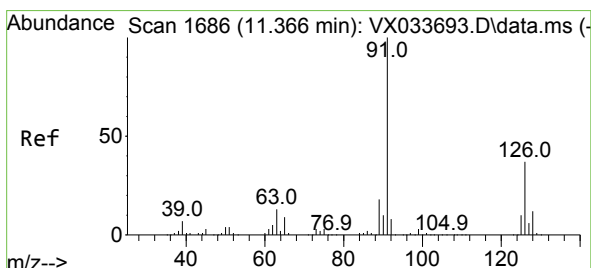
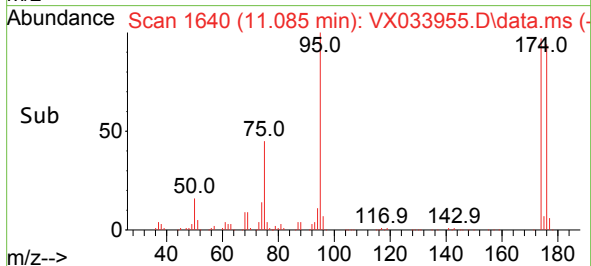
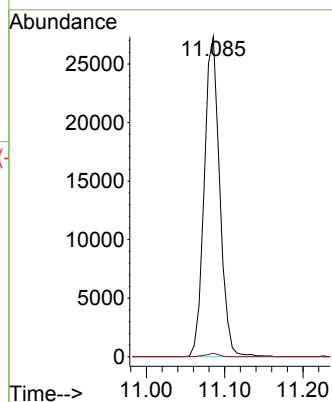
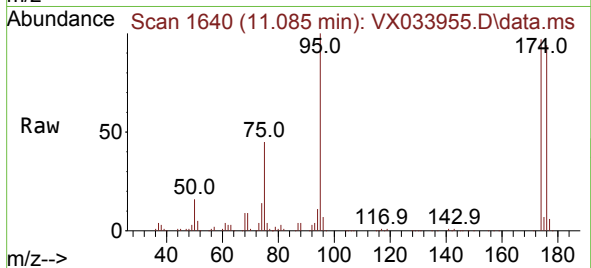
ClientSampleId :

Tgt Ion: 75 Resp: 37449

Ion Ratio Lower Upper

75 100

77 0.9 21.8 65.4#



#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.372 min Scan# 1687

Delta R.T. 0.006 min

Lab File: VX033955.D

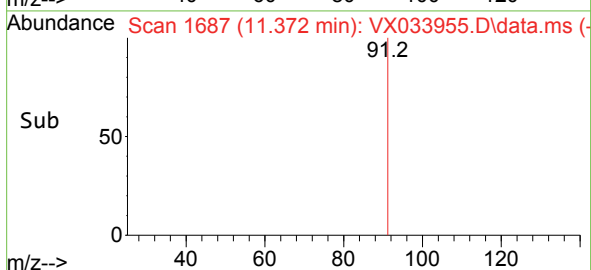
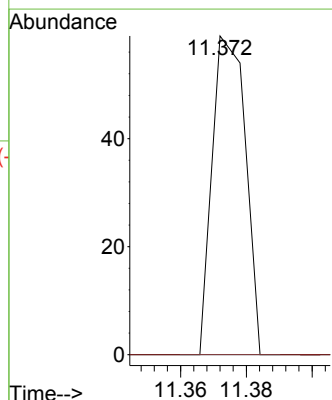
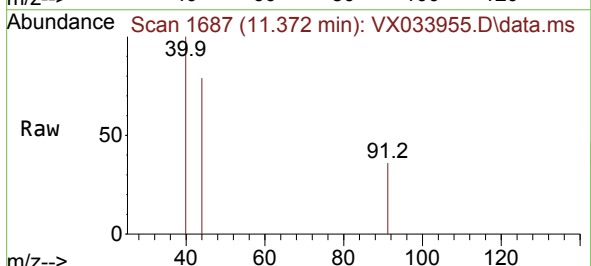
Acq: 30 Jan 2023 18:47

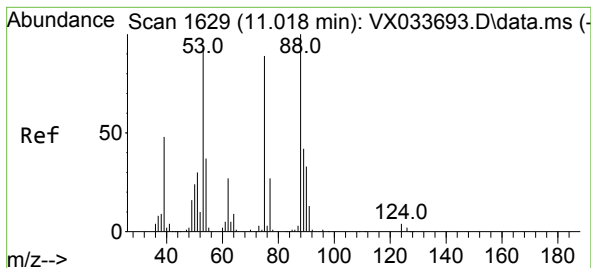
Tgt Ion: 91 Resp: 41

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.1#

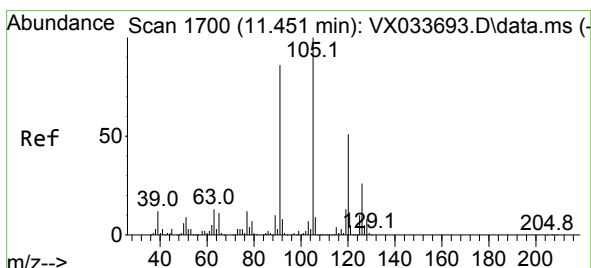
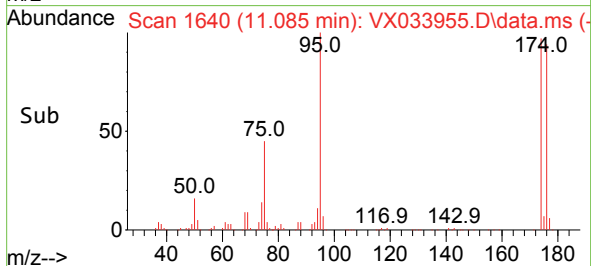
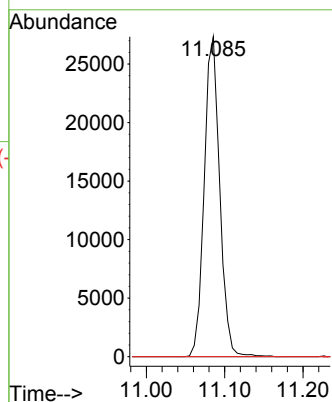
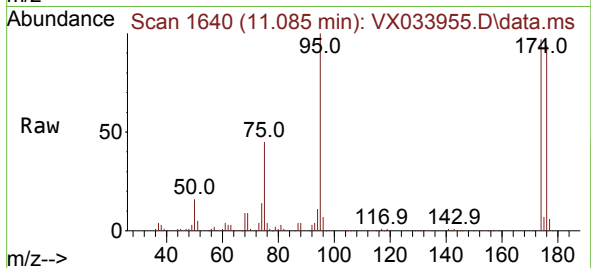




#81
trans-1,4-Dichloro-2-butene
Concen: 67.940 ug/l
RT: 11.085 min Scan# 1104
Delta R.T. 0.067 min
Lab File: VX033955.D
Acq: 30 Jan 2023 18:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 37449
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: 11.476 min Scan# 1704
Delta R.T. 0.025 min
Lab File: VX033955.D
Acq: 30 Jan 2023 18:47

Tgt Ion: 91 Resp: 23
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#

