

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012623\
 Data File : VX033904.D
 Acq On : 26 Jan 2023 12:28
 Operator : JC/MD
 Sample : VX0126WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0126WBL01

Quant Time: Jan 27 02:52:04 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)

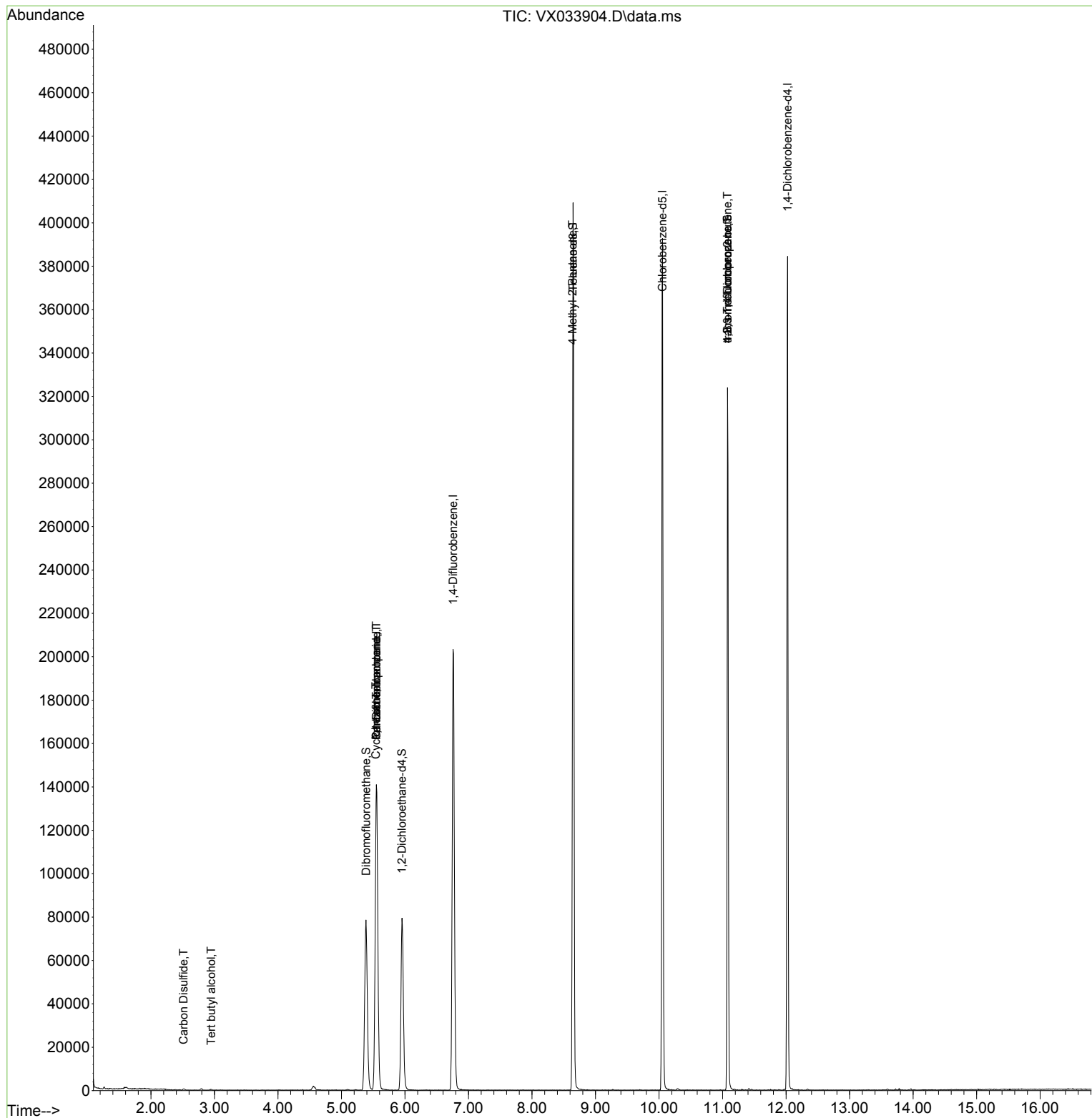
Internal Standards						
1) Pentafluorobenzene	5.550	168	155384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	225419	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74388	45.468	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.940%
35) Dibromofluoromethane	5.385	113	69173	49.419	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.840%
50) Toluene-d8	8.647	98	251860	49.385	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.760%
62) 4-Bromofluorobenzene	11.079	95	84650	44.705	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	189	0.665	ug/l #	86
16) Acetone	2.386	43	215	Below Cal	#	47
17) Carbon Disulfide	2.514	76	678	2.026	ug/l #	76
20) Methylene Chloride	2.788	84	338	Below Cal	#	84
31) Cyclohexane	5.544	56	2278	0.946	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9059	4.435	ug/l #	44
38) Carbon Tetrachloride	5.550	117	12952	6.122	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	1019	0.514	ug/l #	1
73) Isopropylbenzene	10.963	105	105	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	39390	23.792	ug/l #	34
79) 2-Chlorotoluene	11.457	91	245	Below Cal		80
81) trans-1,4-Dichloro-2-b...	11.079	75	39390	73.943	ug/l #	8
82) 4-Chlorotoluene	11.457	91	245	Below Cal		87

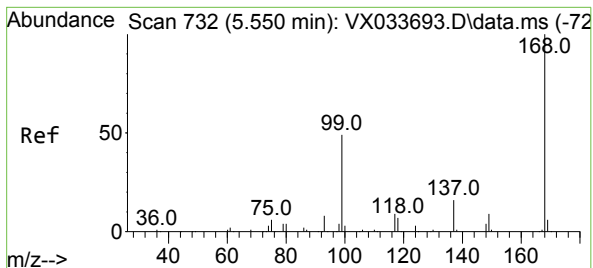
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX033904.D

Acq: 26 Jan 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

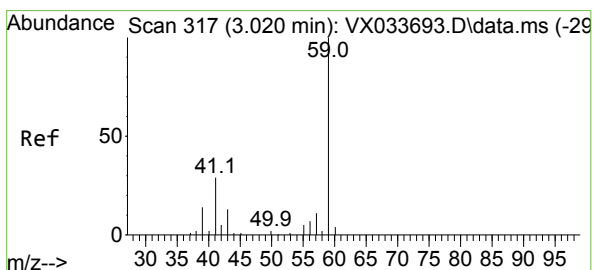
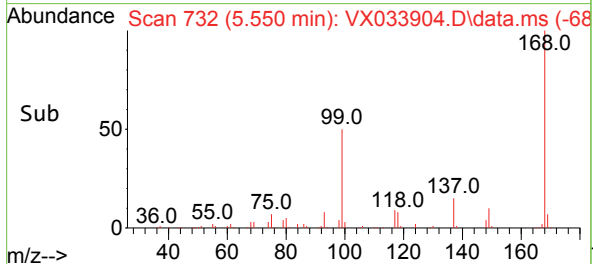
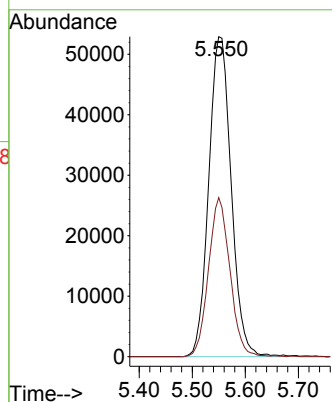
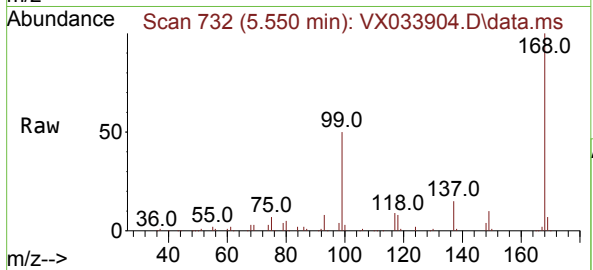
VX0126WBL01

Tgt Ion:168 Resp: 155384

Ion Ratio Lower Upper

168 100

99 49.7 39.6 59.4



#11

Tert butyl alcohol

Concen: 0.665 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.073 min

Lab File: VX033904.D

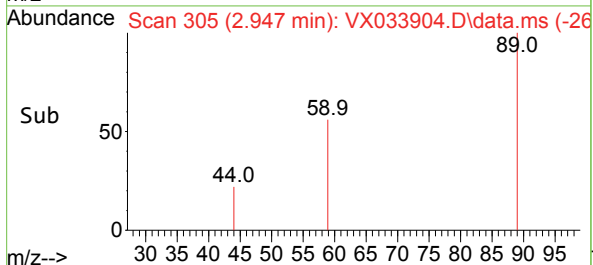
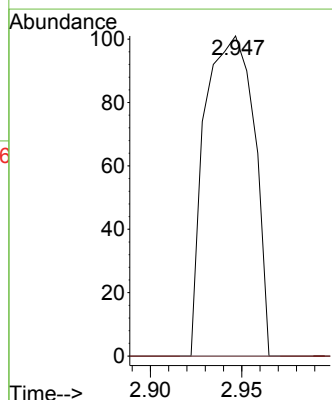
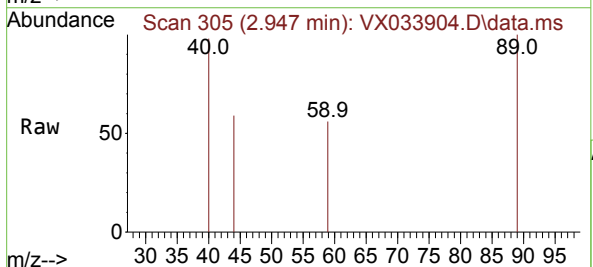
Acq: 26 Jan 2023 12:28

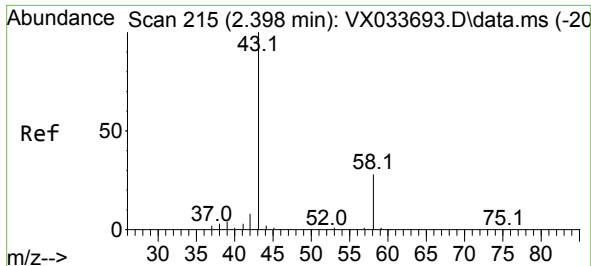
Tgt Ion: 59 Resp: 189

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#





#16

Acetone

Concen: Below Cal

RT: 2.386 min Scan# 215

Delta R.T. -0.012 min

Lab File: VX033904.D

Acq: 26 Jan 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

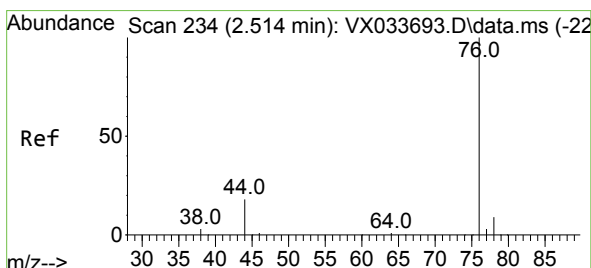
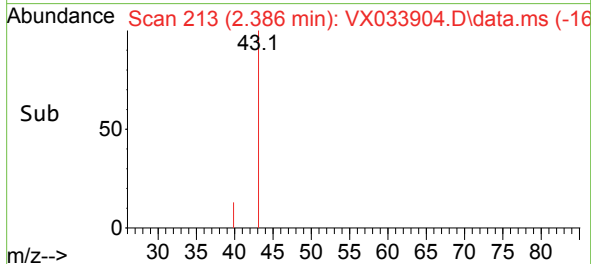
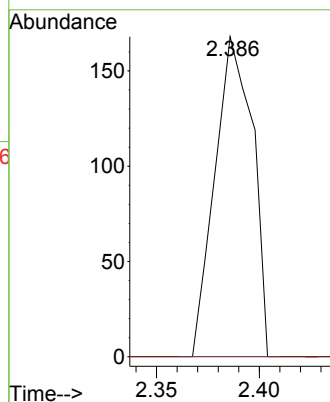
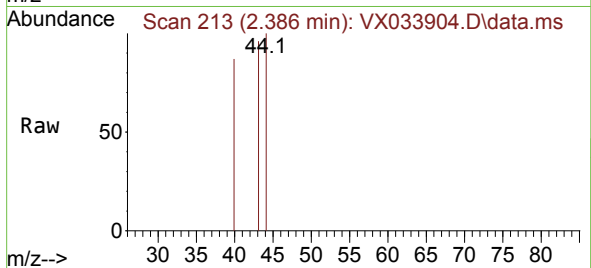
VX0126WBL01

Tgt Ion: 43 Resp: 215

Ion Ratio Lower Upper

43 100

58 0.0 22.6 33.8#



#17

Carbon Disulfide

Concen: 2.026 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX033904.D

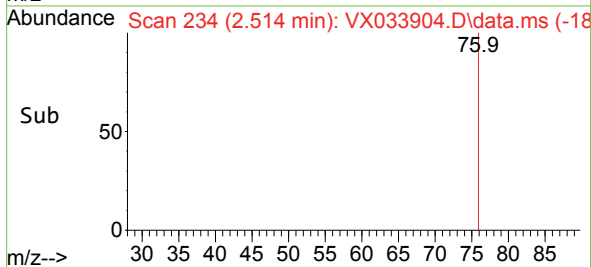
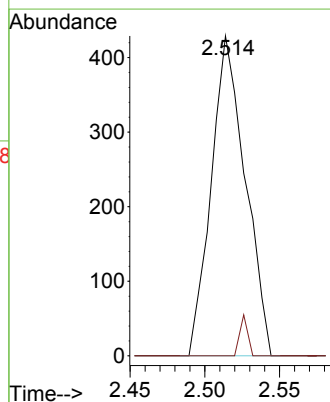
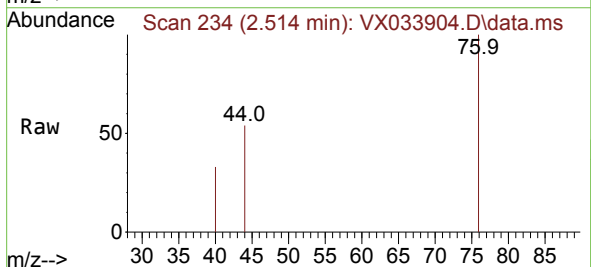
Acq: 26 Jan 2023 12:28

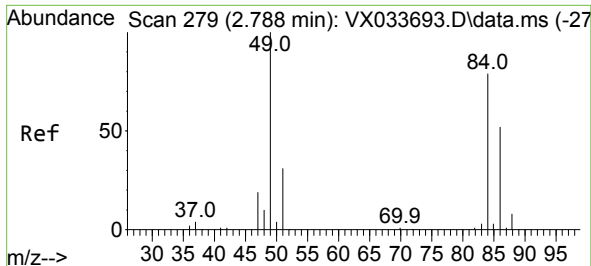
Tgt Ion: 76 Resp: 678

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#

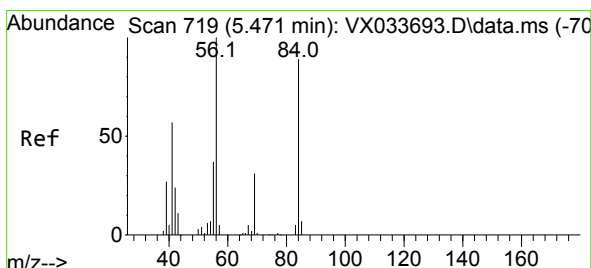
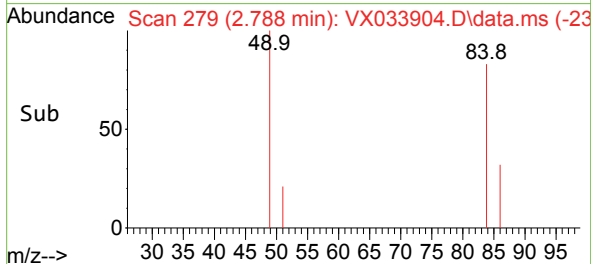
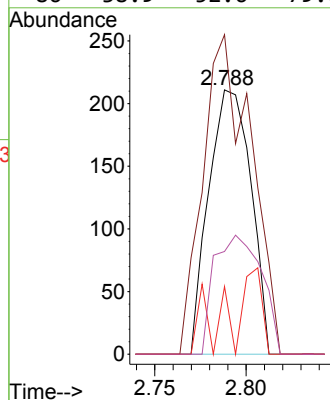
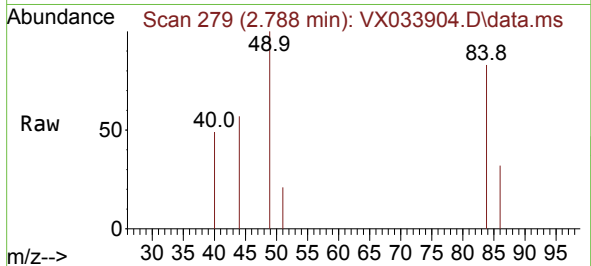




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033904.D
Acq: 26 Jan 2023 12:28

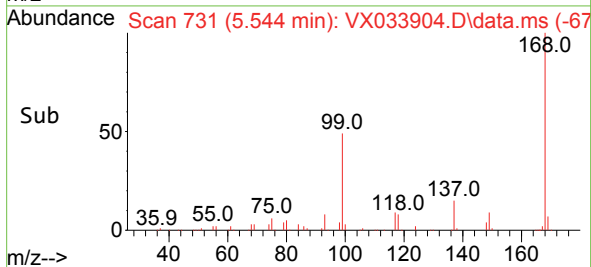
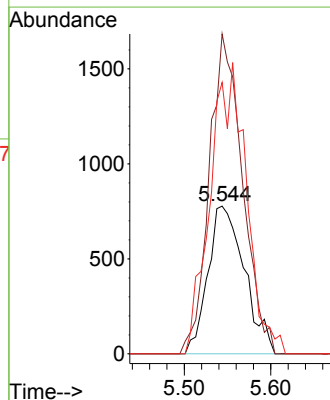
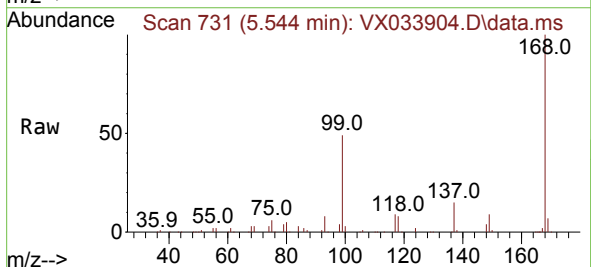
Instrument :
MSVOA_X
ClientSampleId :
VX0126WBL01

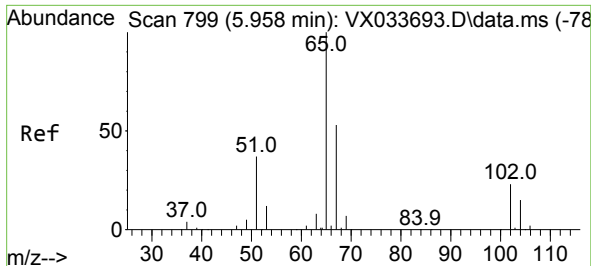
Tgt Ion:	84	Resp:	338
Ion	Ratio	Lower	Upper
84	100		
49	120.9	101.1	151.7
51	25.6	31.0	46.6#
86	38.9	52.6	79.0#



#31
Cyclohexane
Concen: 0.946 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX033904.D
Acq: 26 Jan 2023 12:28

Tgt Ion:	56	Resp:	2278
Ion	Ratio	Lower	Upper
56	100		
69	216.5	24.6	37.0#
84	183.7	71.0	106.6#

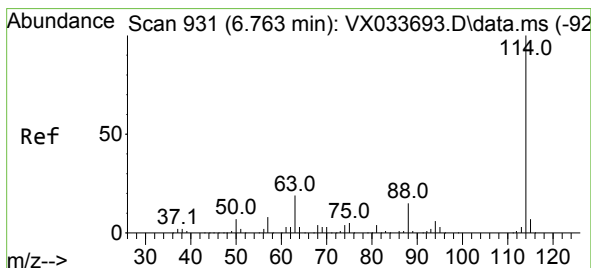
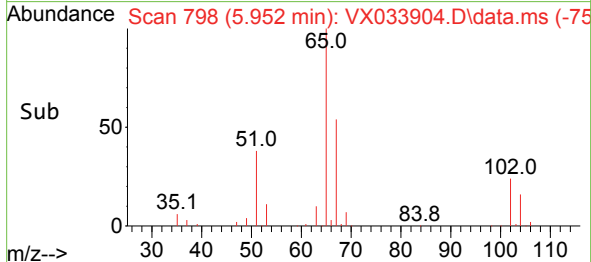
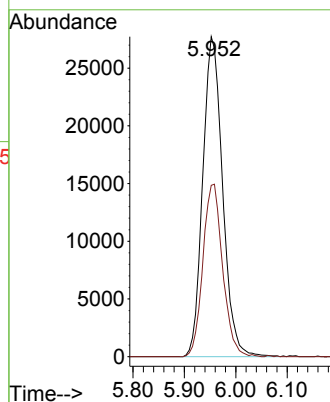
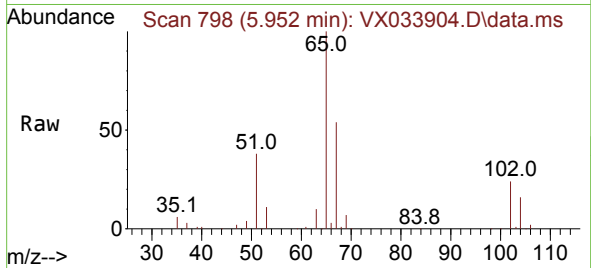




#33
1,2-Dichloroethane-d4
Concen: 45.468 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX033904.D
Acq: 26 Jan 2023 12:28

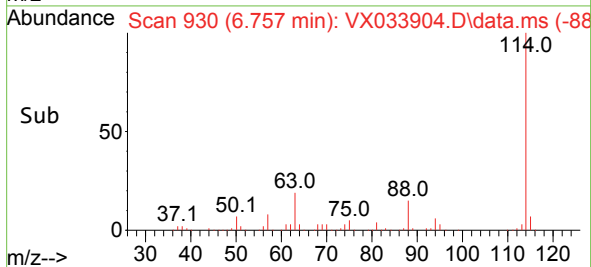
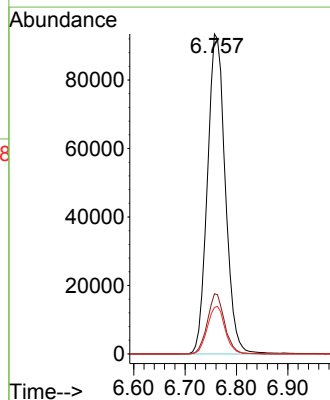
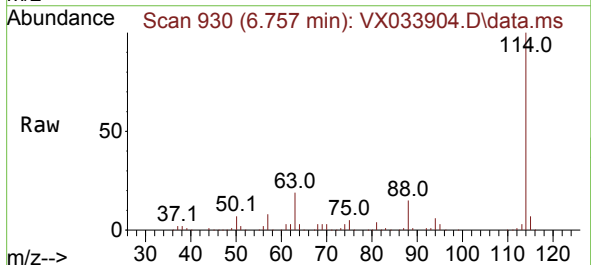
Instrument :
MSVOA_X
ClientSampleId :
VX0126WBL01

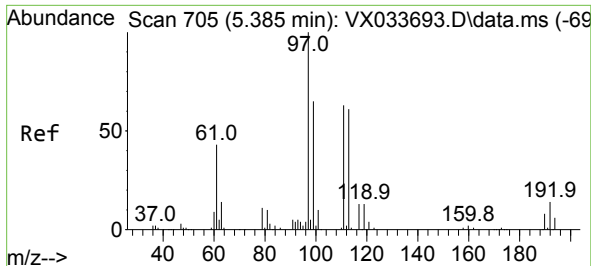
Tgt Ion: 65 Resp: 74388
Ion Ratio Lower Upper
65 100
67 53.6 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX033904.D
Acq: 26 Jan 2023 12:28

Tgt Ion: 114 Resp: 225419
Ion Ratio Lower Upper
114 100
63 18.8 0.0 37.4
88 14.5 0.0 30.6

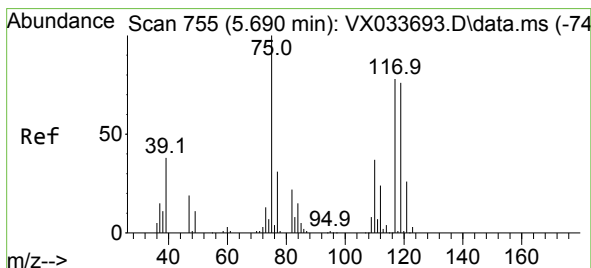
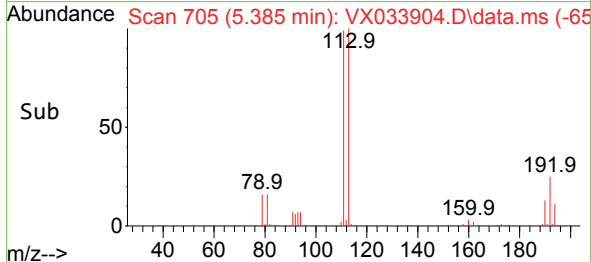
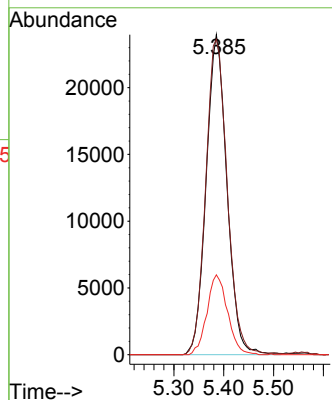
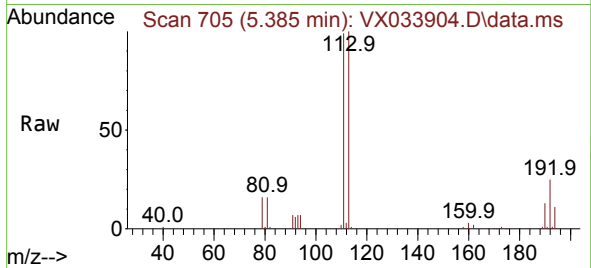




#35
Dibromofluoromethane
Concen: 49.419 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033904.D
Acq: 26 Jan 2023 12:28

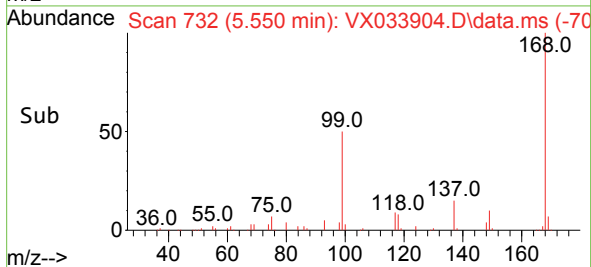
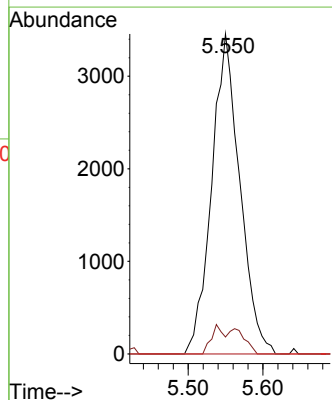
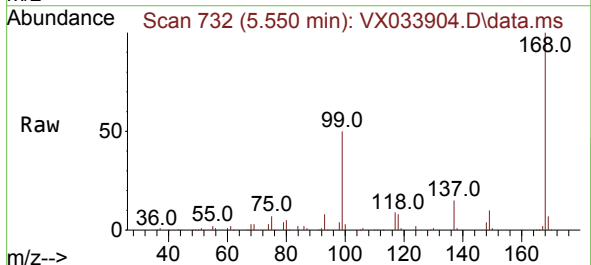
Instrument :
MSVOA_X
ClientSampleId :
VX0126WBL01

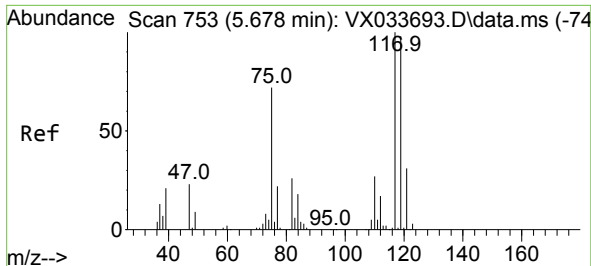
Tgt Ion:113 Resp: 69173
Ion Ratio Lower Upper
113 100
111 102.2 83.0 124.6
192 24.8 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.435 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX033904.D
Acq: 26 Jan 2023 12:28

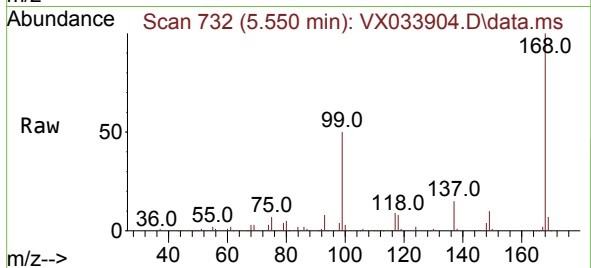
Tgt Ion: 75 Resp: 9059
Ion Ratio Lower Upper
75 100
110 4.5 18.8 56.4#
77 0.0 25.1 37.7#



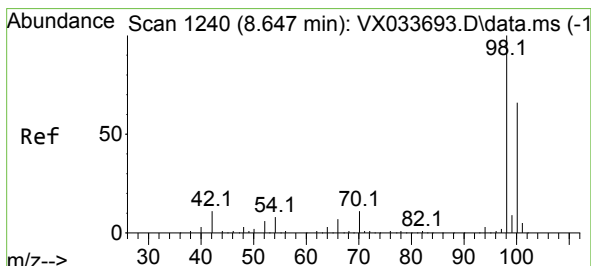
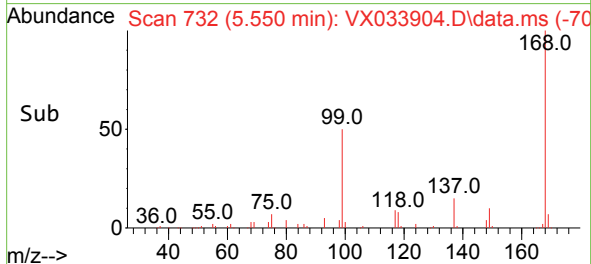
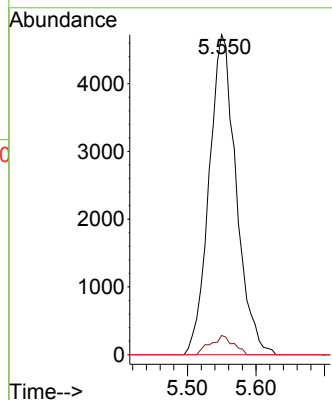


#38
Carbon Tetrachloride
Concen: 6.122 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033904.D
Acq: 26 Jan 2023 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBL01

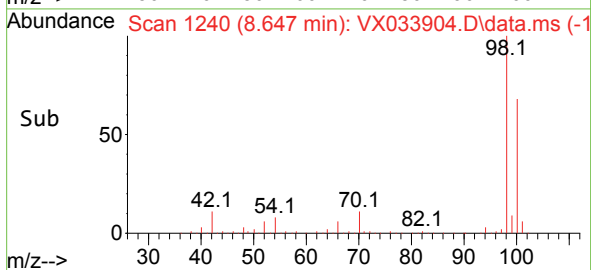
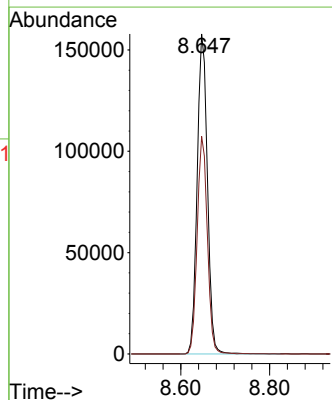
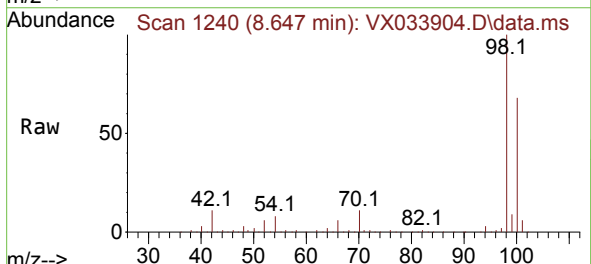


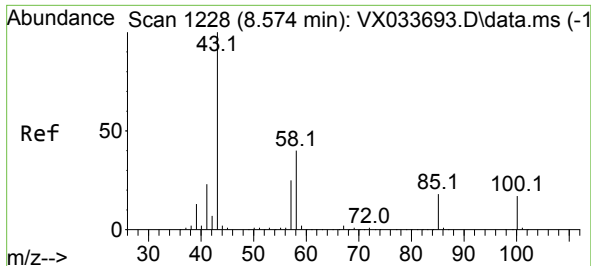
Tgt Ion:117 Resp: 12952
Ion Ratio Lower Upper
117 100
119 6.0 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.385 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033904.D
Acq: 26 Jan 2023 12:28

Tgt Ion: 98 Resp: 251860
Ion Ratio Lower Upper
98 100
100 67.6 53.6 80.4

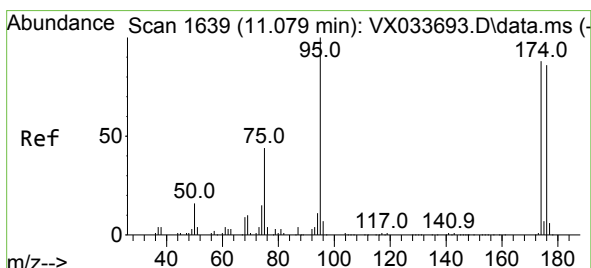
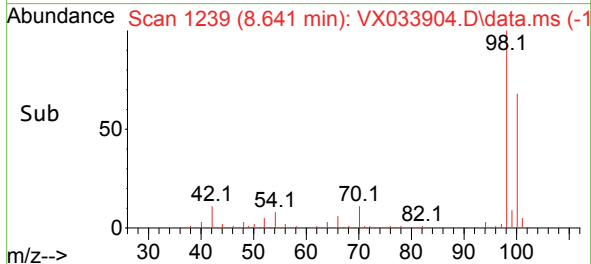
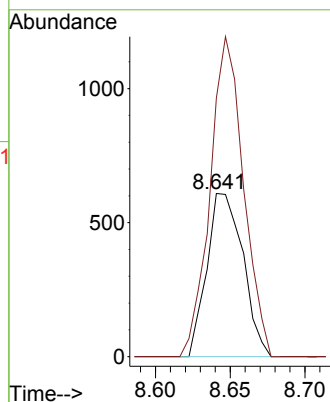
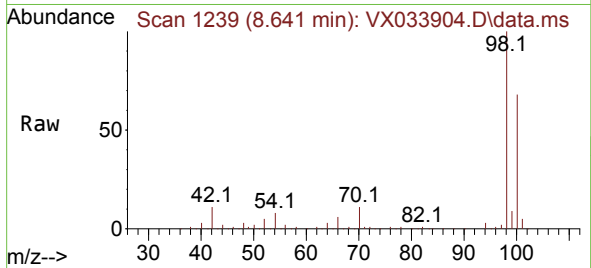




#51
4-Methyl-2-Pentanone
Concen: 0.514 ug/l
RT: 8.641 min Scan# 1228
Delta R.T. 0.067 min
Lab File: VX033904.D
Acq: 26 Jan 2023 12:28

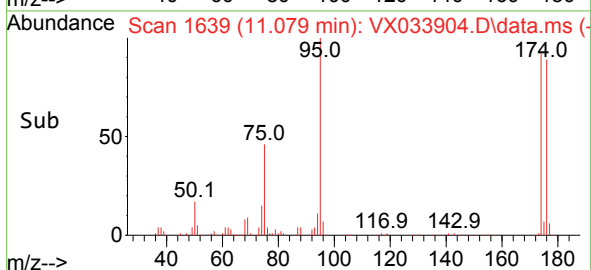
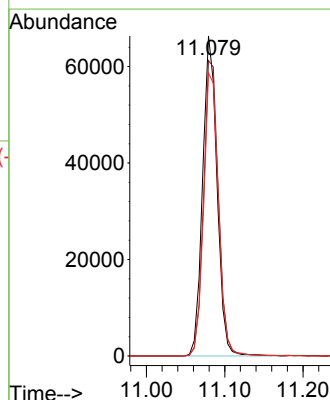
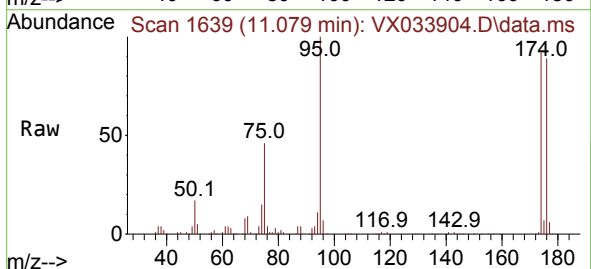
Instrument :
MSVOA_X
ClientSampleId :
VX0126WBL01

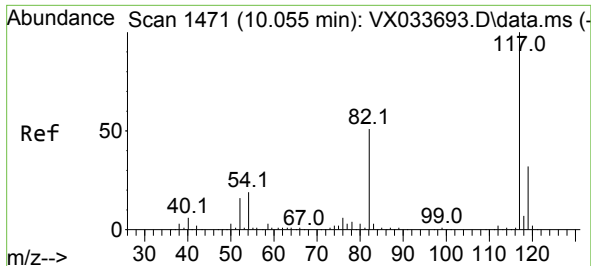
Tgt Ion: 43 Resp: 1019
Ion Ratio Lower Upper
43 100
58 182.2 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 44.705 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033904.D
Acq: 26 Jan 2023 12:28

Tgt Ion: 95 Resp: 84650
Ion Ratio Lower Upper
95 100
174 96.0 0.0 184.4
176 91.5 0.0 178.8

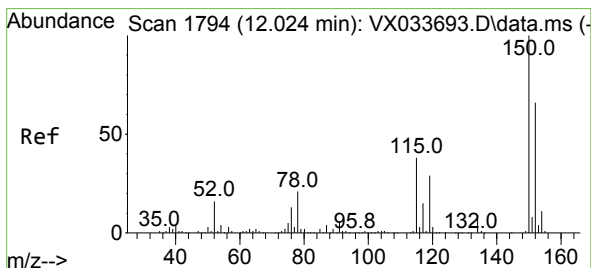
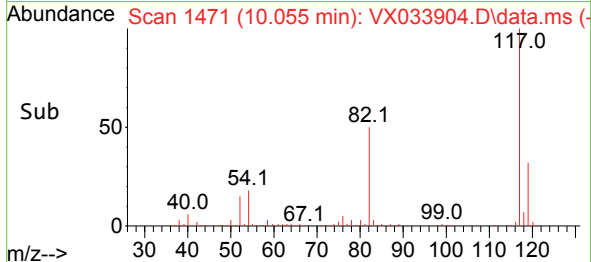
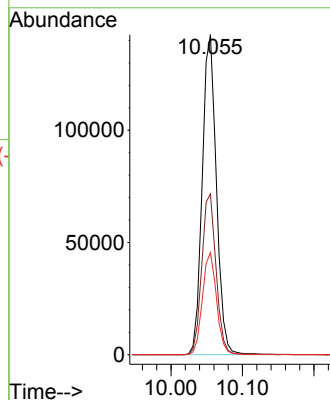
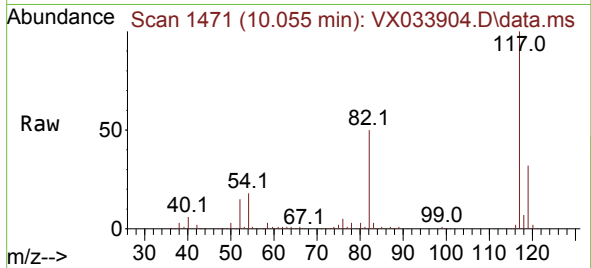




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033904.D
Acq: 26 Jan 2023 12:28

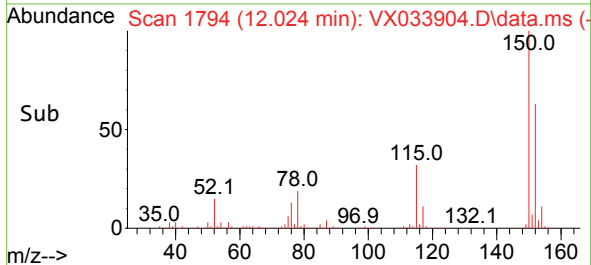
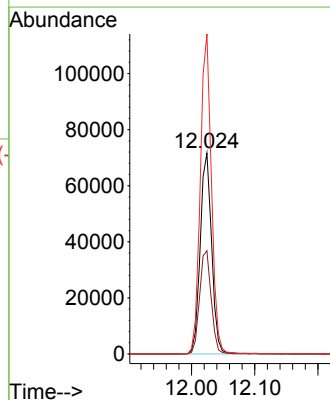
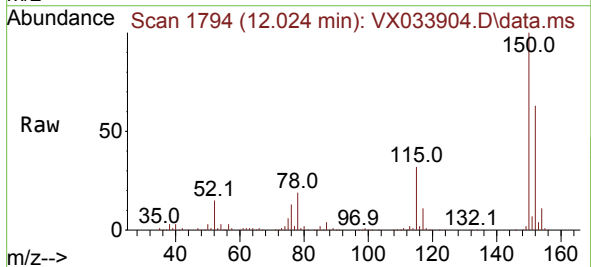
Instrument :
MSVOA_X
ClientSampleId :
VX0126WBL01

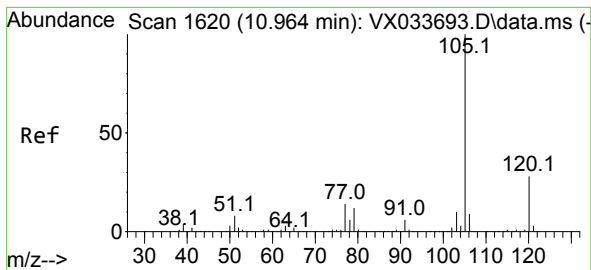
Tgt Ion:117 Resp: 195905
Ion Ratio Lower Upper
117 100
82 50.3 40.6 60.8
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033904.D
Acq: 26 Jan 2023 12:28

Tgt Ion:152 Resp: 90108
Ion Ratio Lower Upper
152 100
115 52.1 38.7 116.1
150 155.1 0.0 348.2





#73

Isopropylbenzene

Concen: Below Cal

RT: 10.963 min Scan# 1

Delta R.T. -0.001 min

Lab File: VX033904.D

Acq: 26 Jan 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

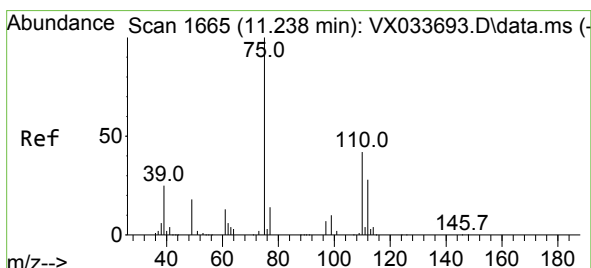
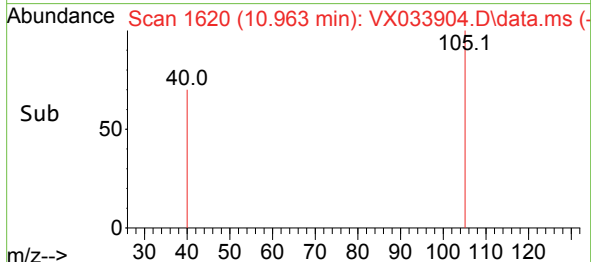
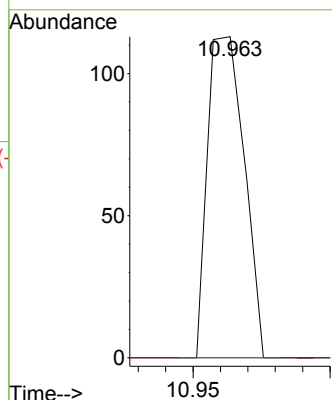
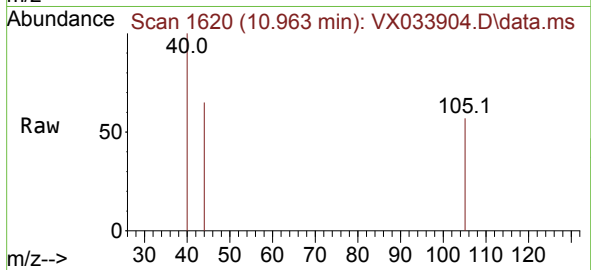
VX0126WBL01

Tgt Ion:105 Resp: 105

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.8#



#76

1,2,3-Trichloropropane

Concen: 23.792 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX033904.D

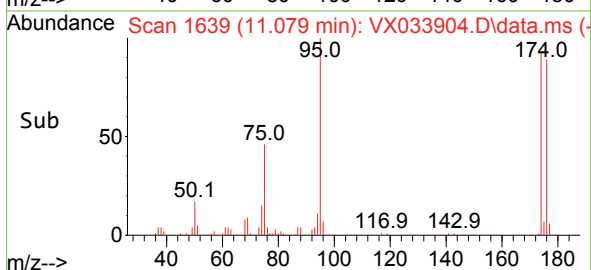
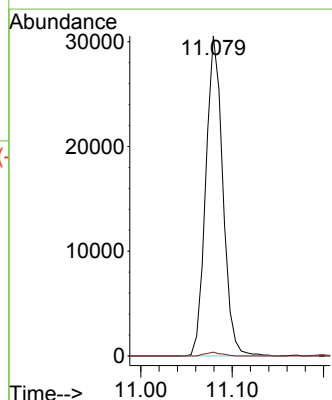
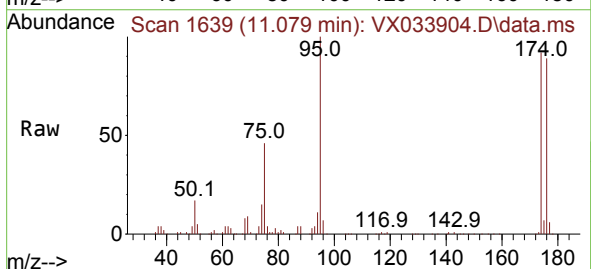
Acq: 26 Jan 2023 12:28

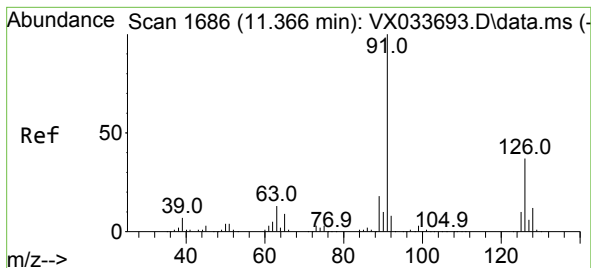
Tgt Ion: 75 Resp: 39390

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.4#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.457 min Scan# 1

Delta R.T. 0.091 min

Lab File: VX033904.D

Acq: 26 Jan 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

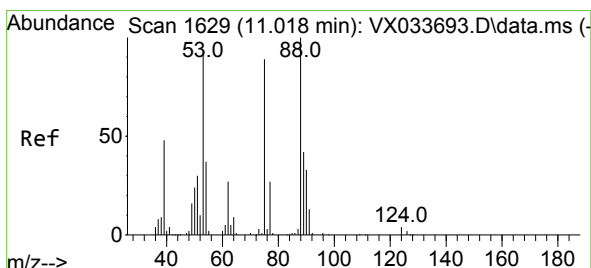
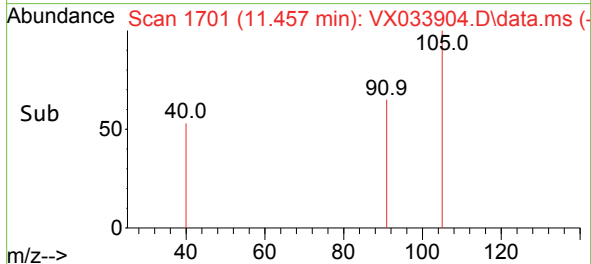
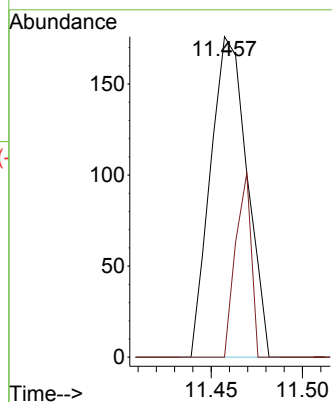
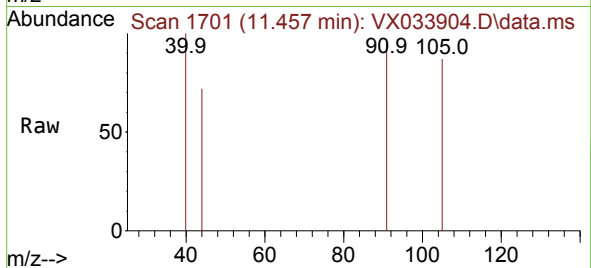
VX0126WBL01

Tgt Ion: 91 Resp: 245

Ion Ratio Lower Upper

91 100

126 24.5 18.1 54.1



#81

trans-1,4-Dichloro-2-butene

Concen: 73.943 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX033904.D

Acq: 26 Jan 2023 12:28

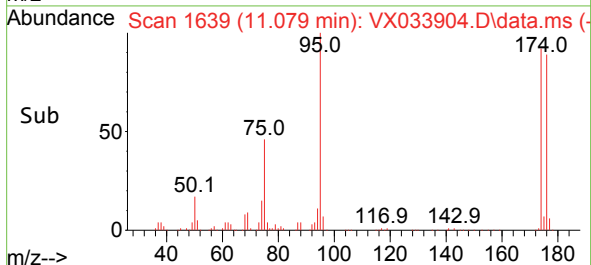
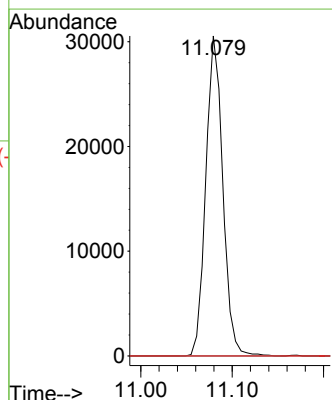
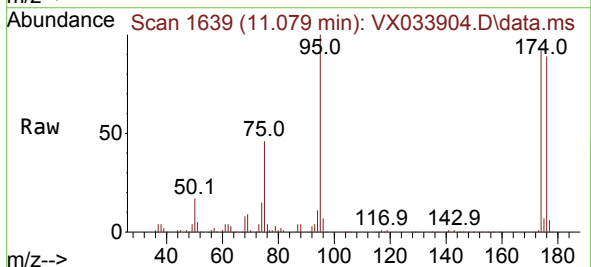
Tgt Ion: 75 Resp: 39390

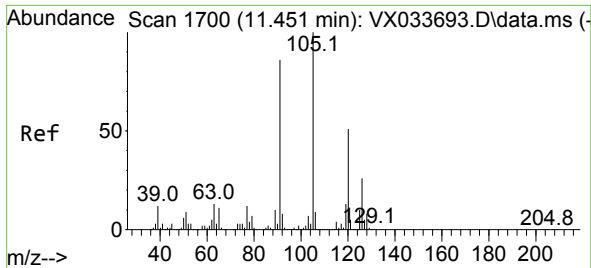
Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

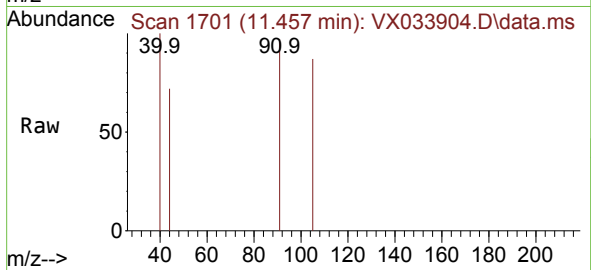
89 0.0 37.7 56.5#





#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 11.457 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX033904.D
 Acq: 26 Jan 2023 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0126WBL01



Tgt Ion: 91 Resp: 245
 Ion Ratio Lower Upper
 91 100
 126 24.5 15.8 47.4

