

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012623\
 Data File : VX033909.D
 Acq On : 26 Jan 2023 15:09
 Operator : JC/MD
 Sample : 01323-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jan 27 02:55:21 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)

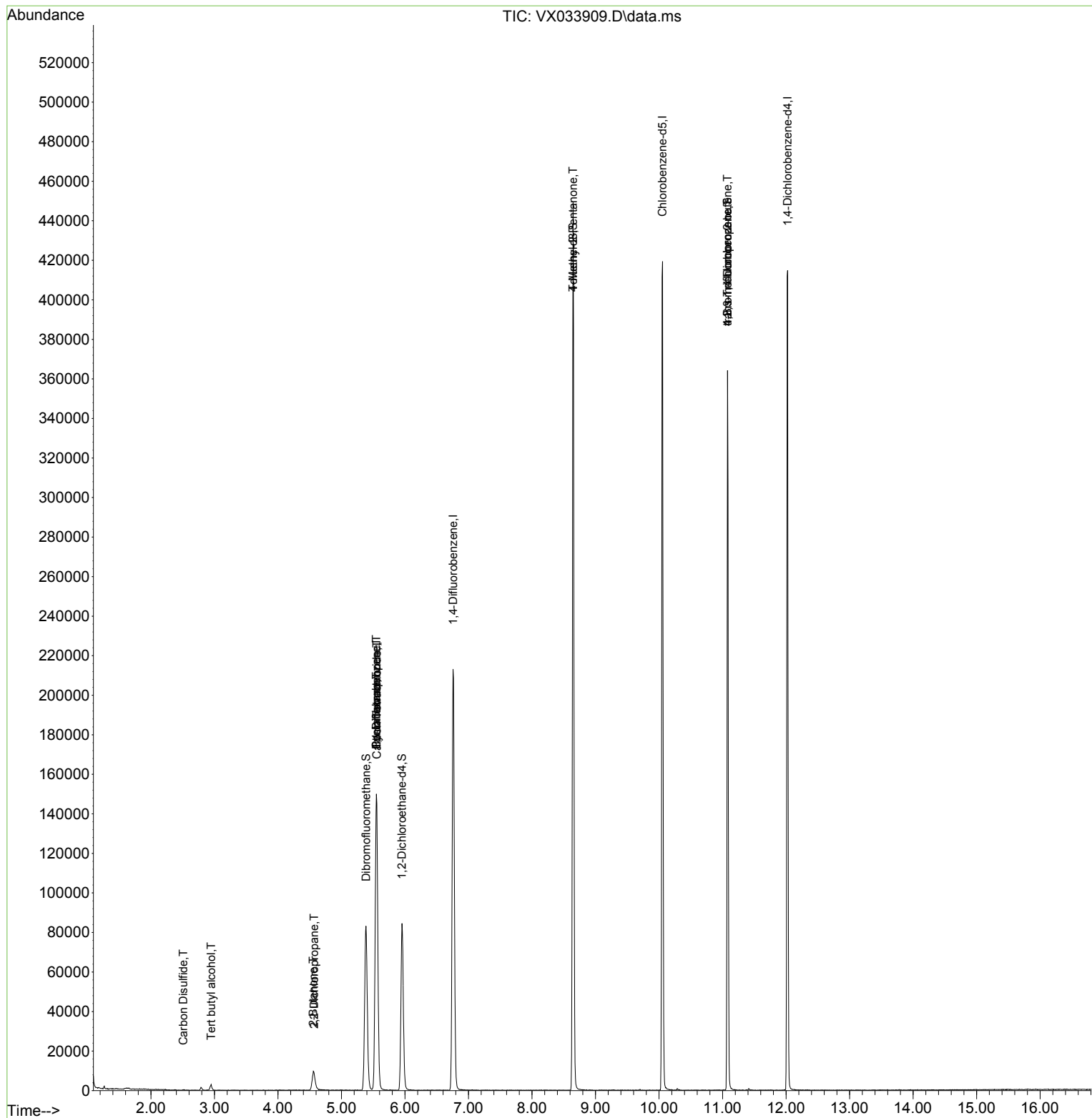
Internal Standards						
1) Pentafluorobenzene	5.550	168	165303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	236278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79142	45.471	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	90.940%	
35) Dibromofluoromethane	5.385	113	73374	50.011	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.020%	
50) Toluene-d8	8.647	98	270543	50.610	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	101.220%	
62) 4-Bromofluorobenzene	11.079	95	91938	46.323	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	92.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1612	5.331	ug/l #	86
16) Acetone	2.380	43	217	Below Cal	#	47
17) Carbon Disulfide	2.508	76	350	1.921	ug/l #	76
20) Methylene Chloride	2.788	84	740	Below Cal	#	82
25) 2-Butanone	4.556	43	522	0.459	ug/l #	51
26) 2,2-Dichloropropane	4.568	77	797	0.398	ug/l #	52
31) Cyclohexane	5.550	56	2369	0.925	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9935	4.640	ug/l #	48
37) Ethyl Acetate	4.556	43	522	Below Cal	#	1
38) Carbon Tetrachloride	5.556	117	13911	6.273	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1054	0.508	ug/l #	1
73) Isopropylbenzene	10.957	105	20	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	42984	23.579	ug/l #	34
79) 2-Chlorotoluene	11.366	91	64	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	42984	73.281	ug/l #	8
82) 4-Chlorotoluene	11.457	91	79	Below Cal	#	43

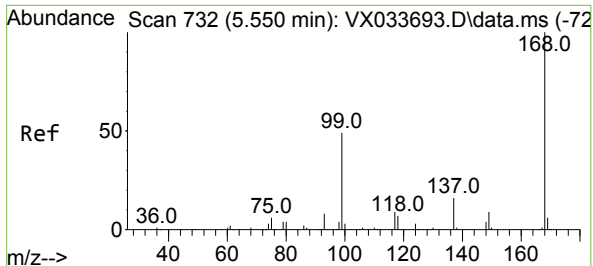
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 27 02:55:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
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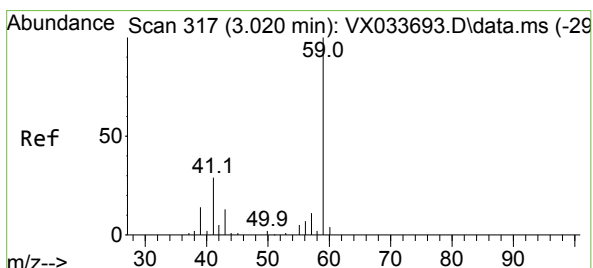
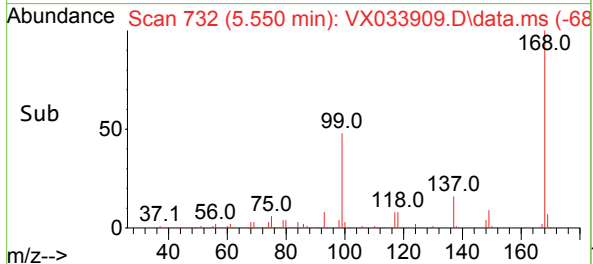
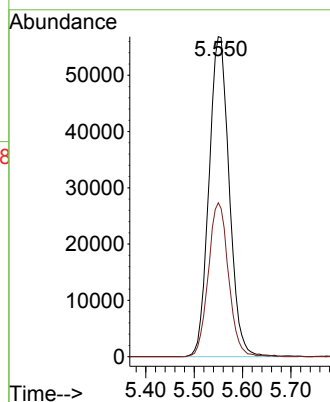
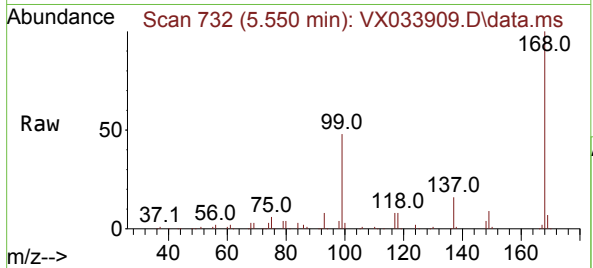




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033909.D
Acq: 26 Jan 2023 15:09

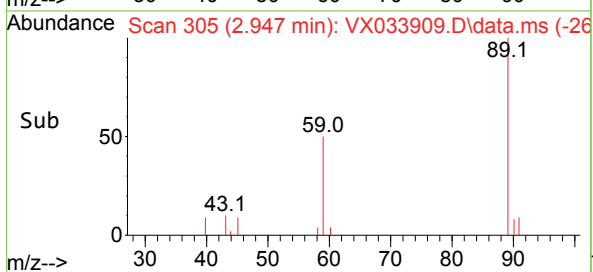
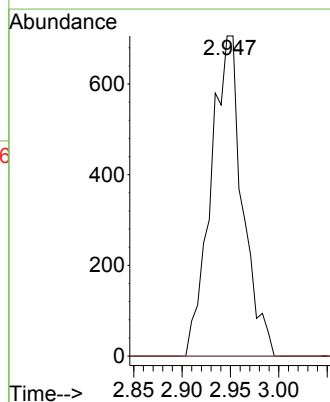
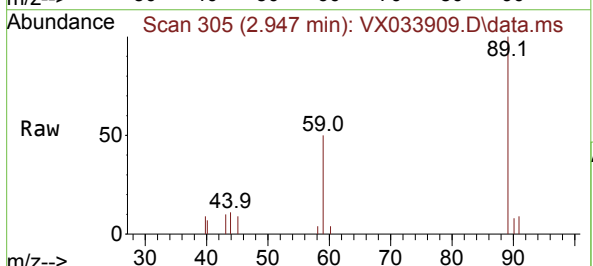
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

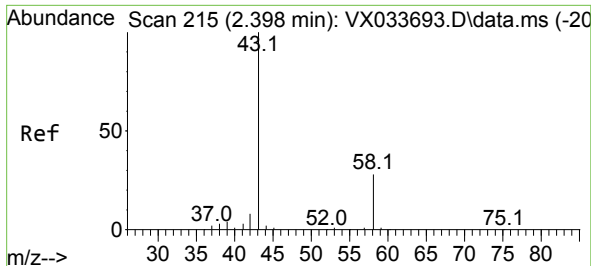
Tgt Ion:168 Resp: 165303
Ion Ratio Lower Upper
168 100
99 48.1 39.6 59.4



#11
Tert butyl alcohol
Concen: 5.331 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.073 min
Lab File: VX033909.D
Acq: 26 Jan 2023 15:09

Tgt Ion: 59 Resp: 1612
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

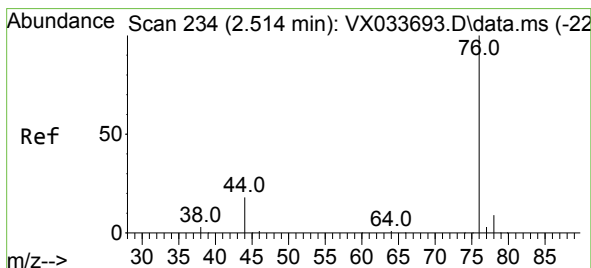
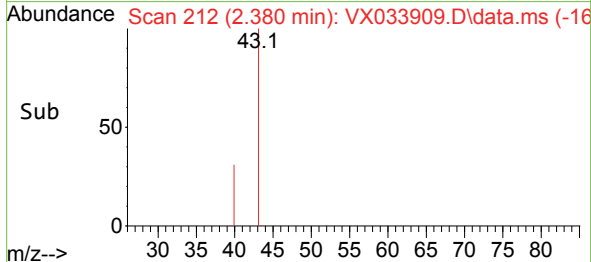
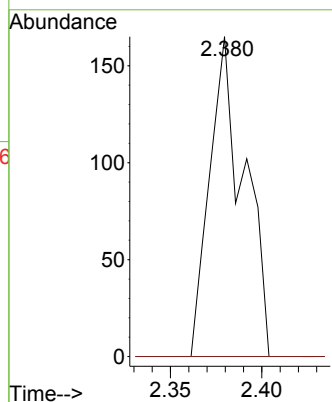
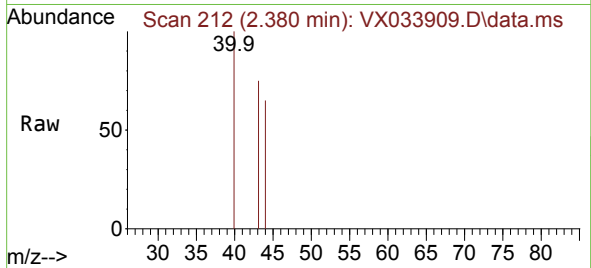




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 215
Delta R.T. -0.018 min
Lab File: VX033909.D
Acq: 26 Jan 2023 15:09

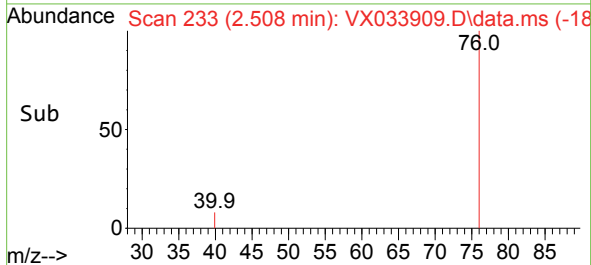
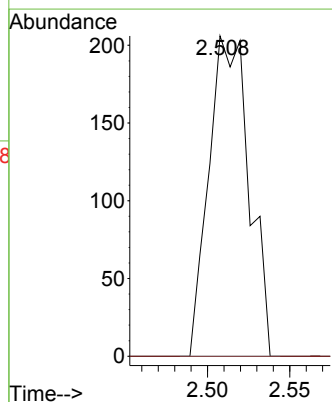
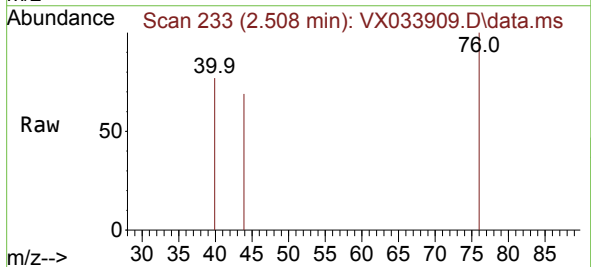
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

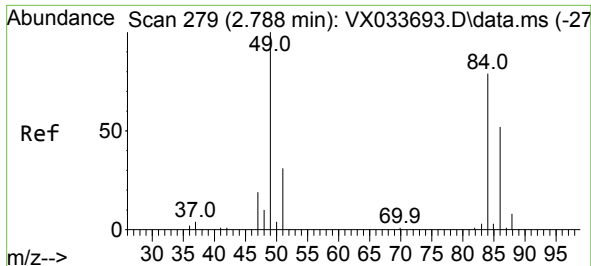
Tgt Ion: 43 Resp: 217
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#17
Carbon Disulfide
Concen: 1.921 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX033909.D
Acq: 26 Jan 2023 15:09

Tgt Ion: 76 Resp: 350
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: VX033909.D

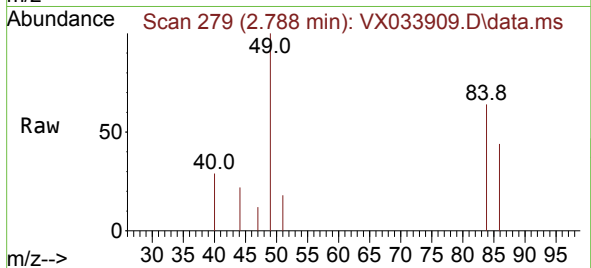
Acq: 26 Jan 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK



Tgt Ion: 84 Resp: 740

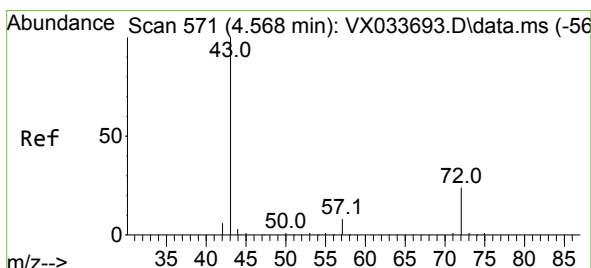
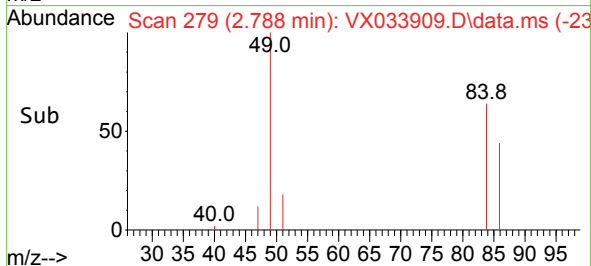
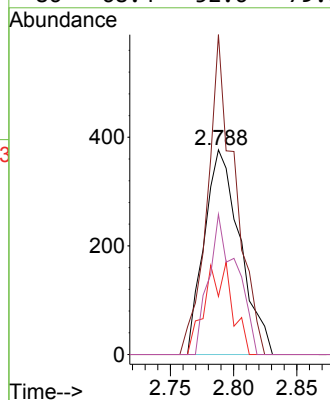
Ion Ratio Lower Upper

84 100

49 156.2 101.1 151.7#

51 28.4 31.0 46.6#

86 68.4 52.6 79.0



#25

2-Butanone

Concen: 0.459 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.012 min

Lab File: VX033909.D

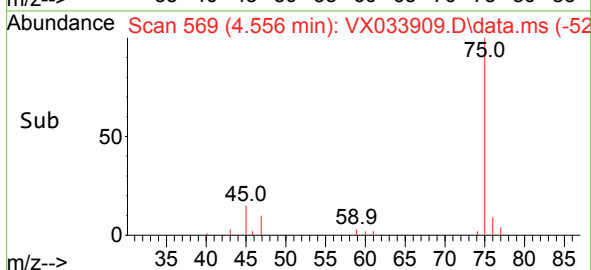
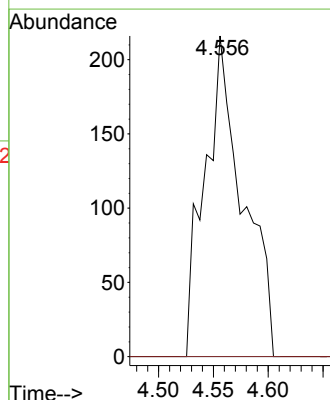
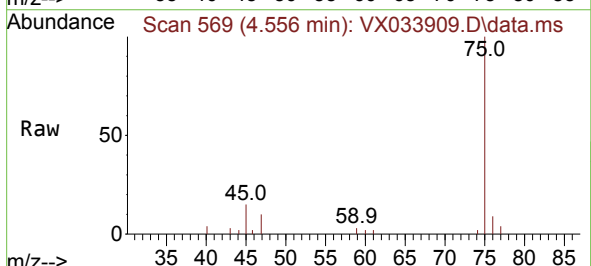
Acq: 26 Jan 2023 15:09

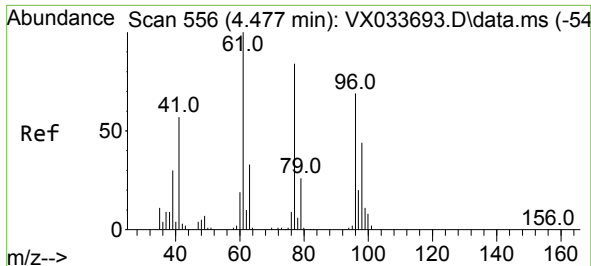
Tgt Ion: 43 Resp: 522

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#

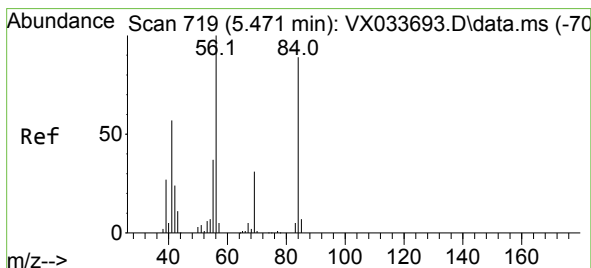
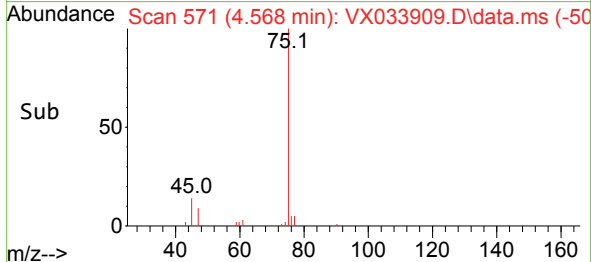
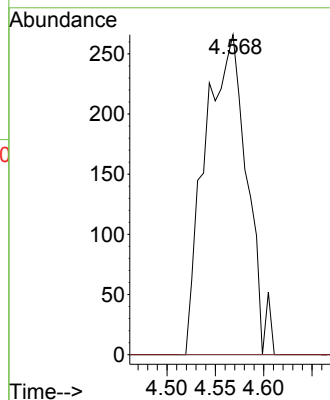
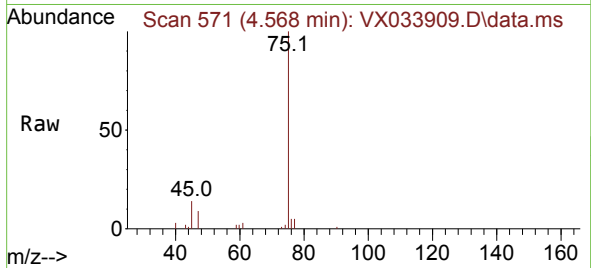




#26
2,2-Dichloropropane
Concen: 0.398 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.091 min
Lab File: VX033909.D
Acq: 26 Jan 2023 15:09

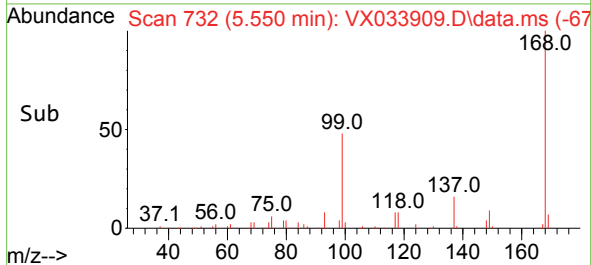
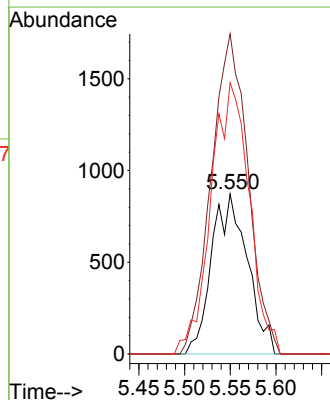
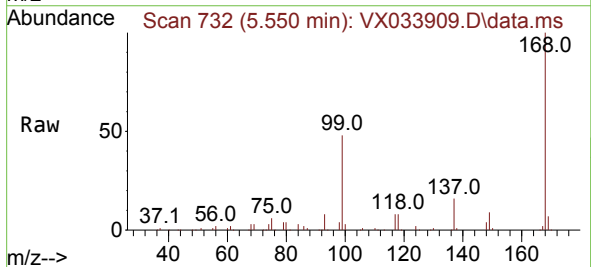
Instrument :
MSVOA_X
ClientSampleId :
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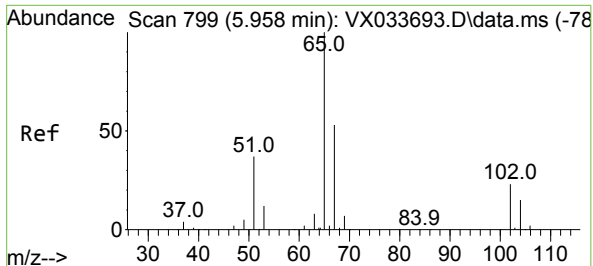
Tgt Ion: 77 Resp: 797
Ion Ratio Lower Upper
77 100
97 0.0 11.9 35.5#



#31
Cyclohexane
Concen: 0.925 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX033909.D
Acq: 26 Jan 2023 15:09

Tgt Ion: 56 Resp: 2369
Ion Ratio Lower Upper
56 100
69 200.0 24.6 37.0#
84 169.5 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 45.471 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX033909.D

Acq: 26 Jan 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

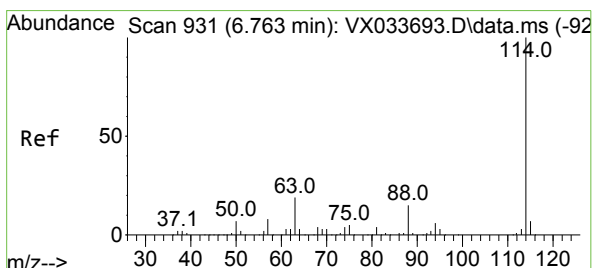
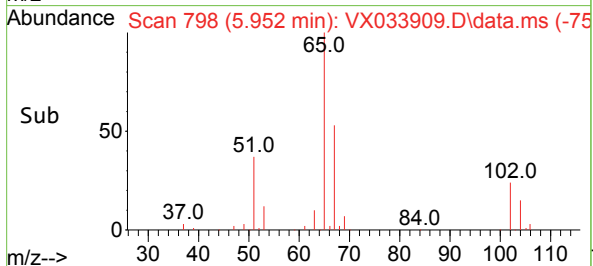
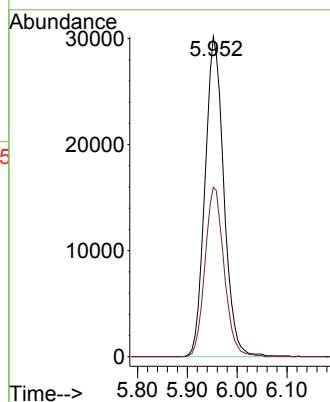
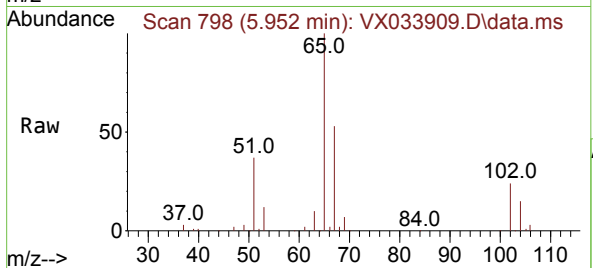
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Tgt Ion: 65 Resp: 79142

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: VX033909.D

Acq: 26 Jan 2023 15:09

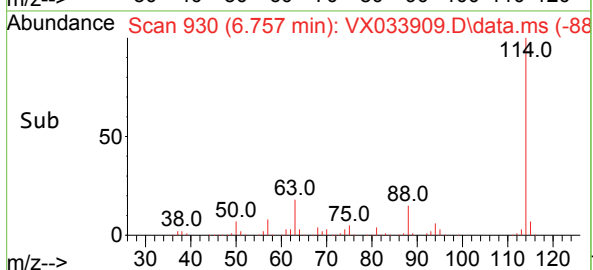
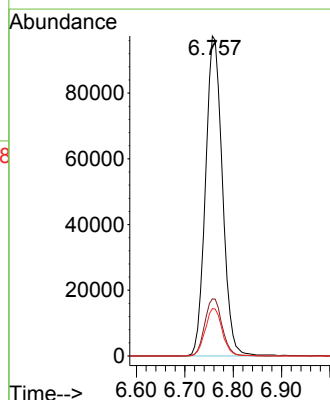
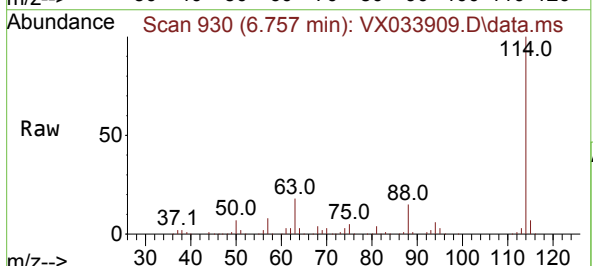
Tgt Ion:114 Resp: 236278

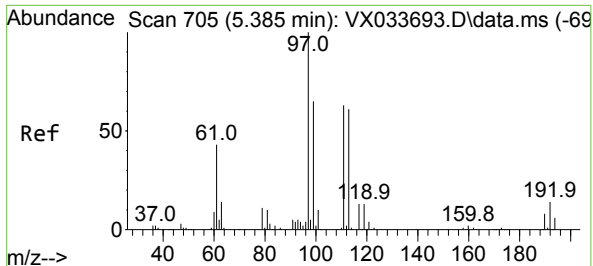
Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.4

88 14.8 0.0 30.6

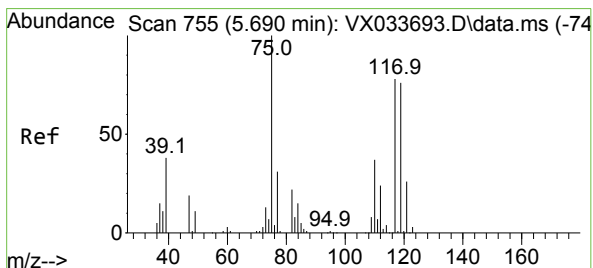
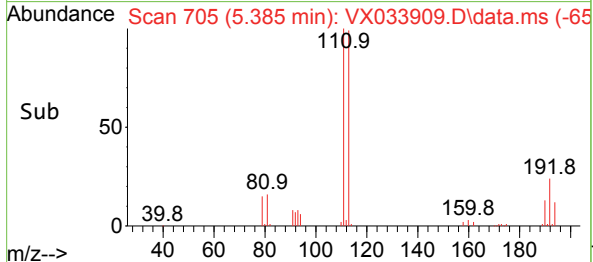
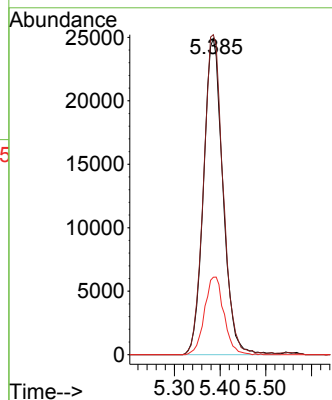
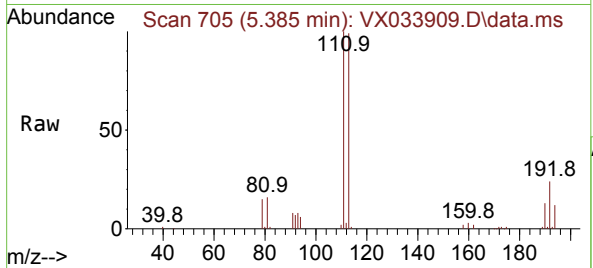




#35
Dibromofluoromethane
Concen: 50.011 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033909.D
Acq: 26 Jan 2023 15:09

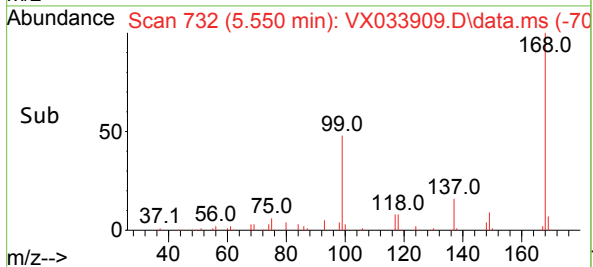
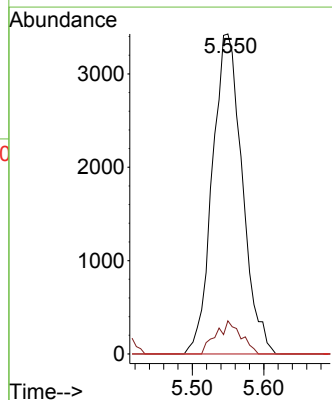
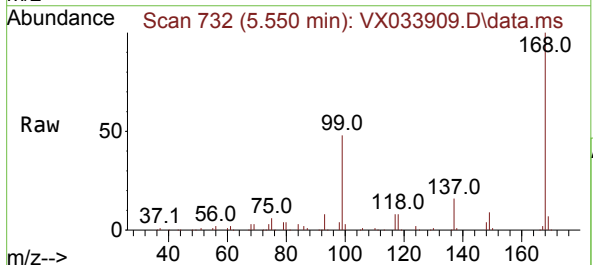
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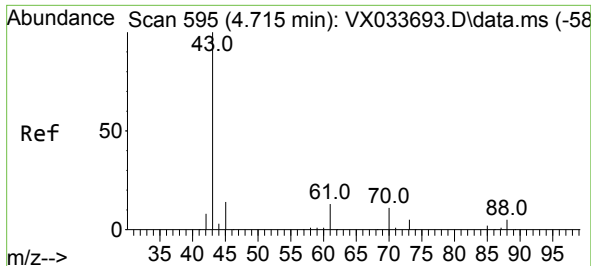
Tgt Ion:113 Resp: 73374
Ion Ratio Lower Upper
113 100
111 101.9 83.0 124.6
192 24.6 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.640 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX033909.D
Acq: 26 Jan 2023 15:09

Tgt Ion: 75 Resp: 9935
Ion Ratio Lower Upper
75 100
110 8.7 18.8 56.4#
77 0.0 25.1 37.7#

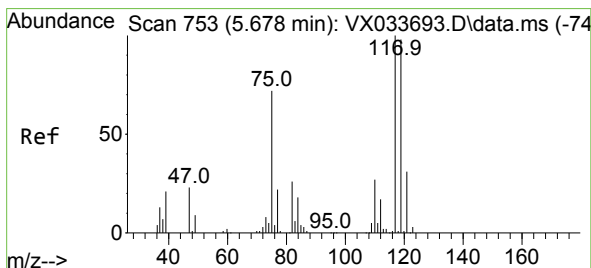
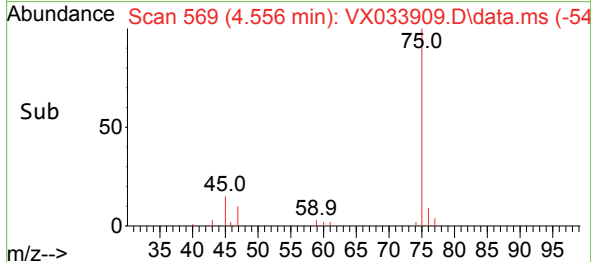
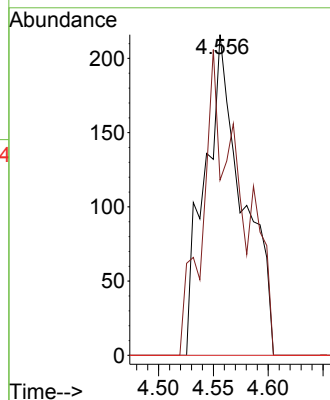
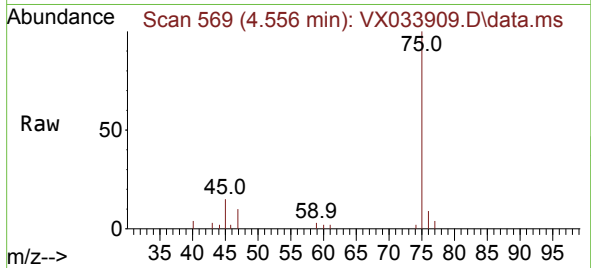




#37
Ethyl Acetate
Concen: Below Cal
RT: 4.556 min Scan# 509
Delta R.T. -0.159 min
Lab File: VX033909.D
Acq: 26 Jan 2023 15:09

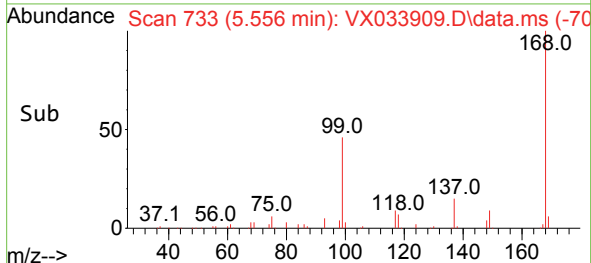
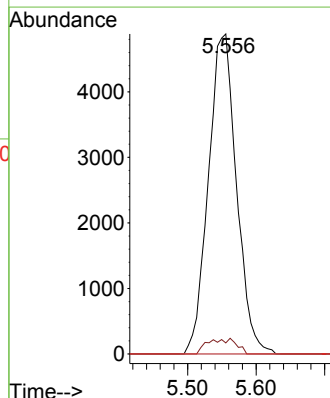
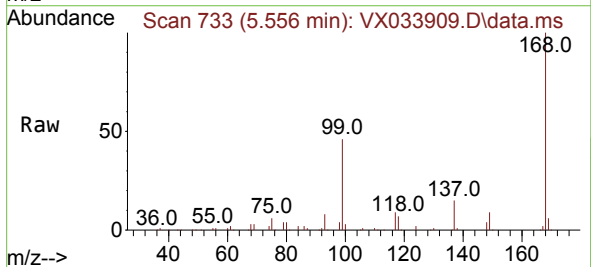
Instrument :
MSVOA_X
ClientSampleId :
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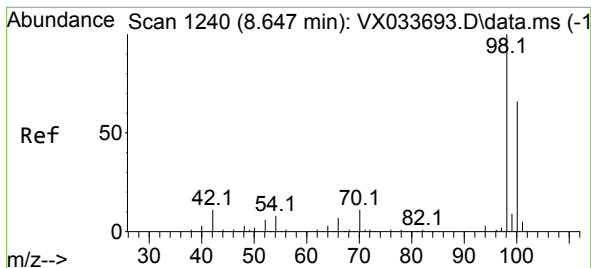
Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
61 76.2 11.1 16.7#
70 0.0 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 6.273 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX033909.D
Acq: 26 Jan 2023 15:09

Tgt Ion: 117 Resp: 13911
Ion Ratio Lower Upper
117 100
119 3.4 78.0 117.0#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 50.610 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033909.D

Acq: 26 Jan 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

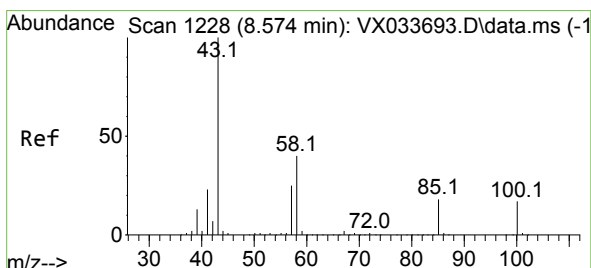
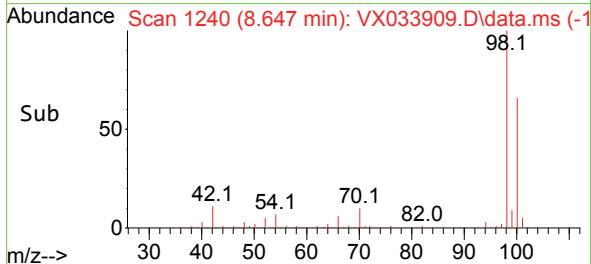
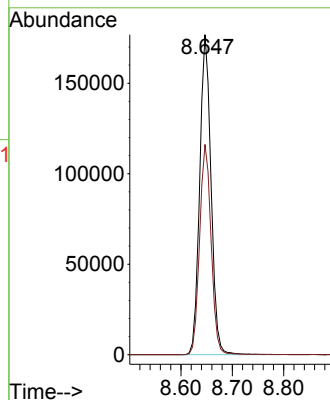
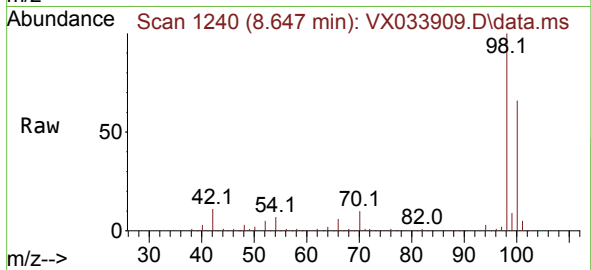
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Tgt Ion: 98 Resp: 270543

Ion Ratio Lower Upper

98 100

100 66.6 53.6 80.4



#51

4-Methyl-2-Pentanone

Concen: 0.508 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX033909.D

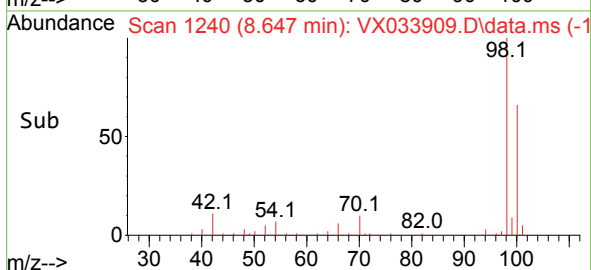
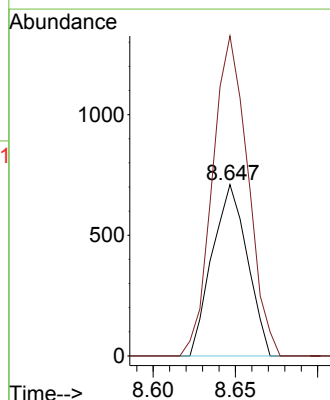
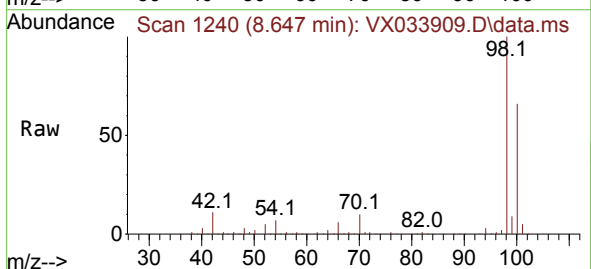
Acq: 26 Jan 2023 15:09

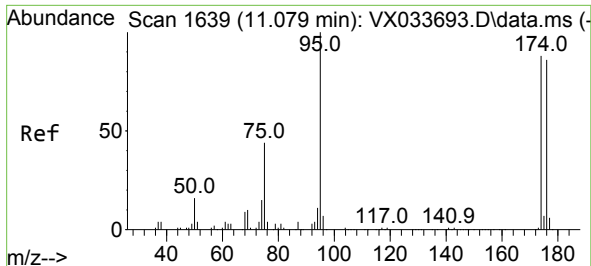
Tgt Ion: 43 Resp: 1054

Ion Ratio Lower Upper

43 100

58 188.4 31.2 46.8#





#62

4-Bromofluorobenzene

Concen: 46.323 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033909.D

Acq: 26 Jan 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

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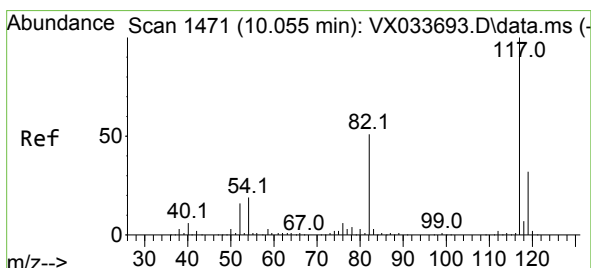
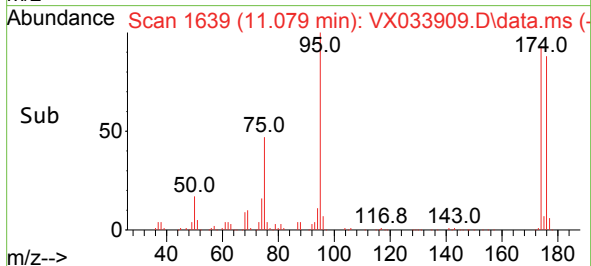
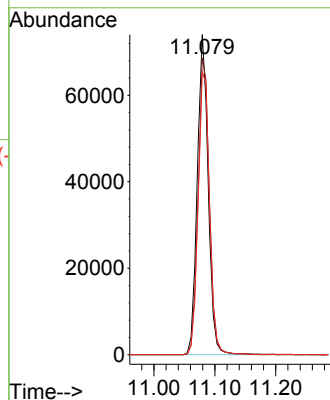
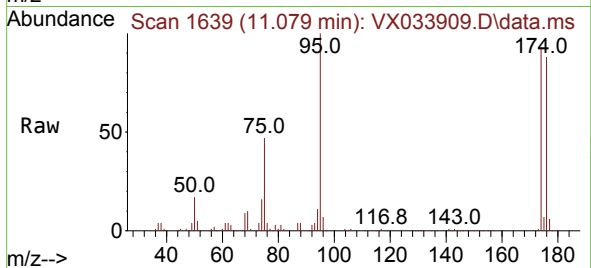
Tgt Ion: 95 Resp: 91938

Ion Ratio Lower Upper

95 100

174 96.1 0.0 184.4

176 92.5 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: VX033909.D

Acq: 26 Jan 2023 15:09

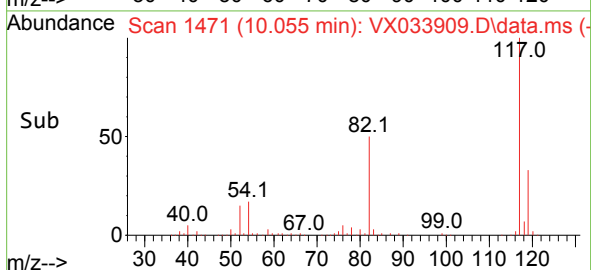
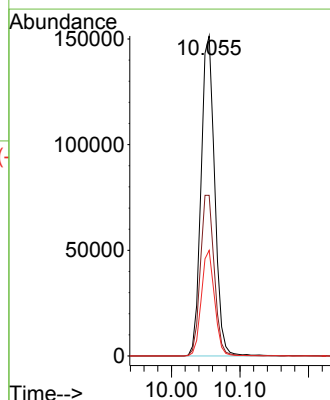
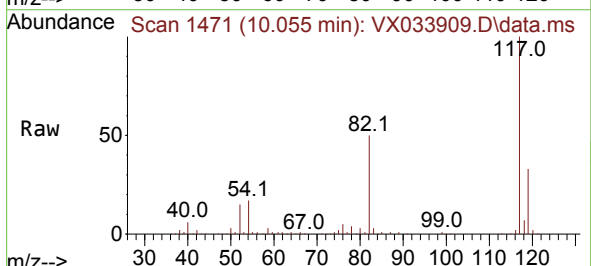
Tgt Ion: 117 Resp: 210334

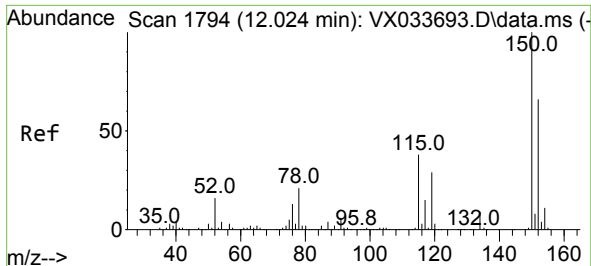
Ion Ratio Lower Upper

117 100

82 50.2 40.6 60.8

119 33.0 25.6 38.4

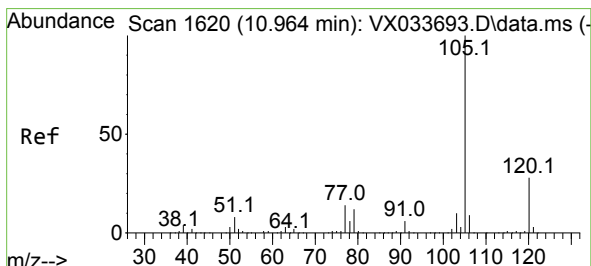
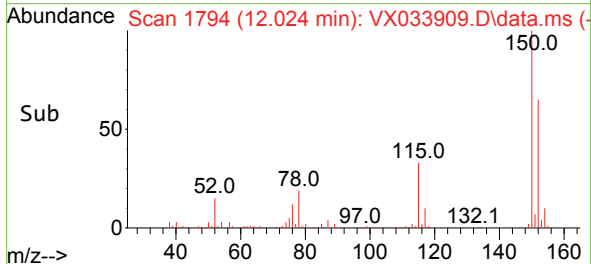
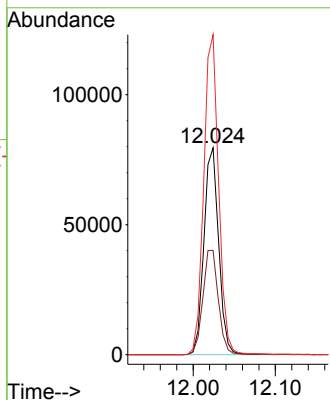
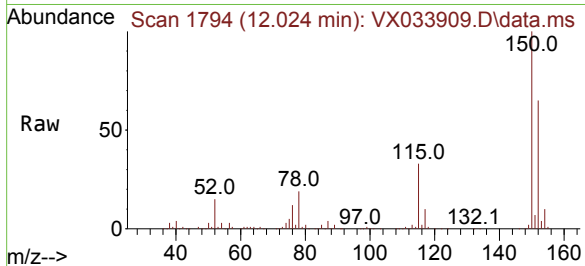




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033909.D
Acq: 26 Jan 2023 15:09

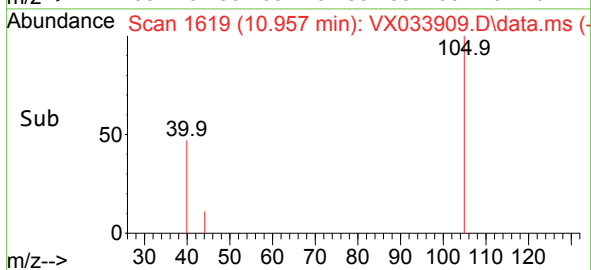
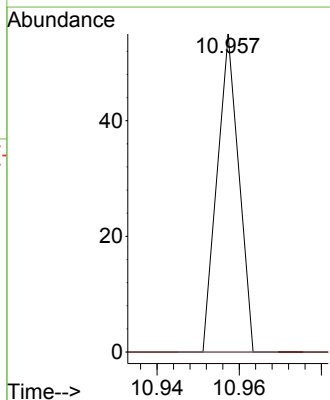
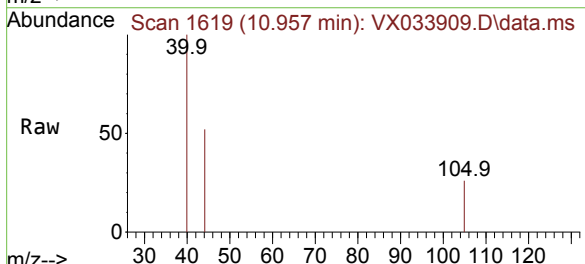
Instrument :
MSVOA_X
ClientSampleId :
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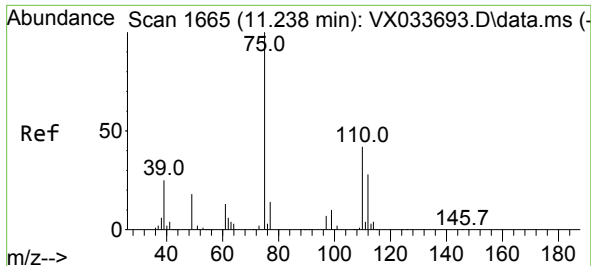
Tgt Ion:152 Resp: 99218
Ion Ratio Lower Upper
152 100
115 52.9 38.7 116.1
150 155.8 0.0 348.2



#73
Isopropylbenzene
Concen: Below Cal
RT: 10.957 min Scan# 1619
Delta R.T. -0.007 min
Lab File: VX033909.D
Acq: 26 Jan 2023 15:09

Tgt Ion:105 Resp: 20
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#

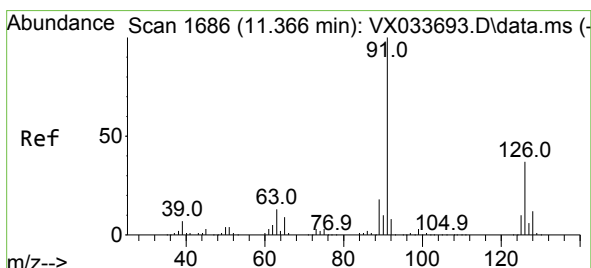
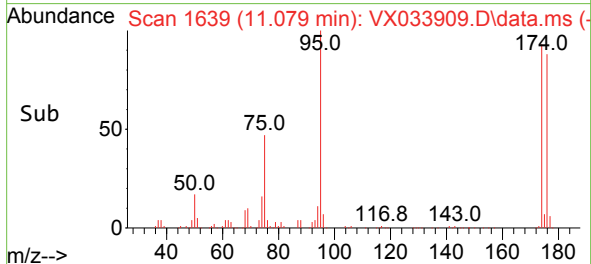
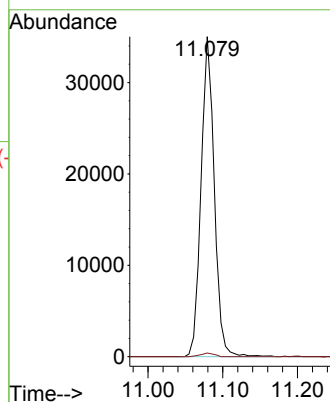
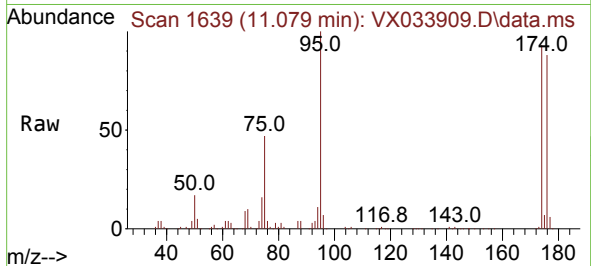




#76
1,2,3-Trichloropropane
Concen: 23.579 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033909.D
Acq: 26 Jan 2023 15:09

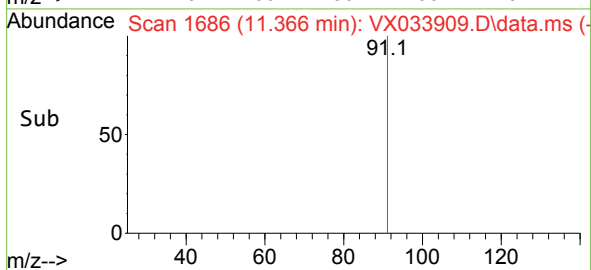
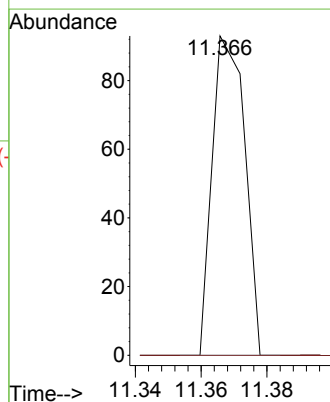
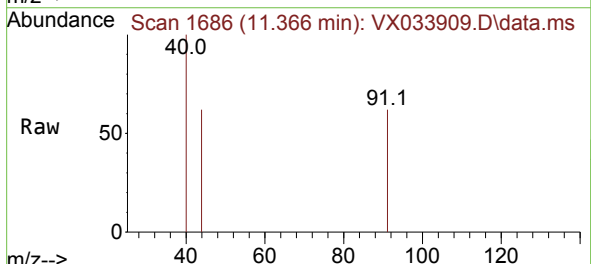
Instrument :
MSVOA_X
ClientSampleId :
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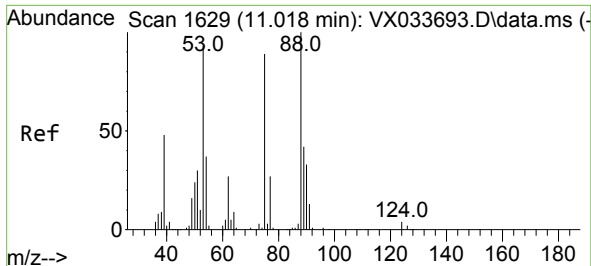
Tgt Ion: 75 Resp: 42984
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033909.D
Acq: 26 Jan 2023 15:09

Tgt Ion: 91 Resp: 64
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#

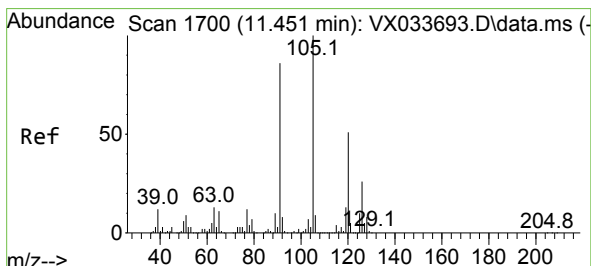
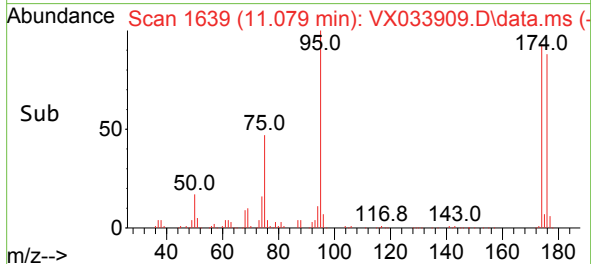
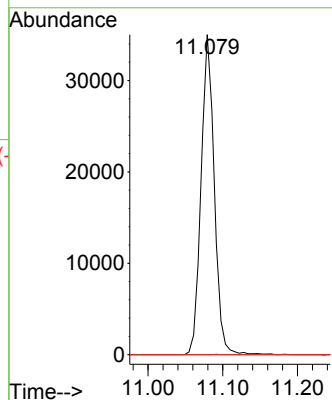
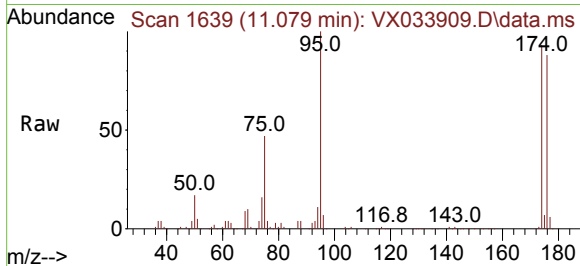




#81
trans-1,4-Dichloro-2-butene
Concen: 73.281 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033909.D
Acq: 26 Jan 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 42984
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# 1701
Delta R.T. 0.006 min
Lab File: VX033909.D
Acq: 26 Jan 2023 15:09

Tgt Ion: 91 Resp: 79
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#

