

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062323\
 Data File : VX036295.D
 Acq On : 23 Jun 2023 17:23
 Operator : JC/MD
 Sample : 03366-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB02RE

Quant Time: Jun 23 18:16:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

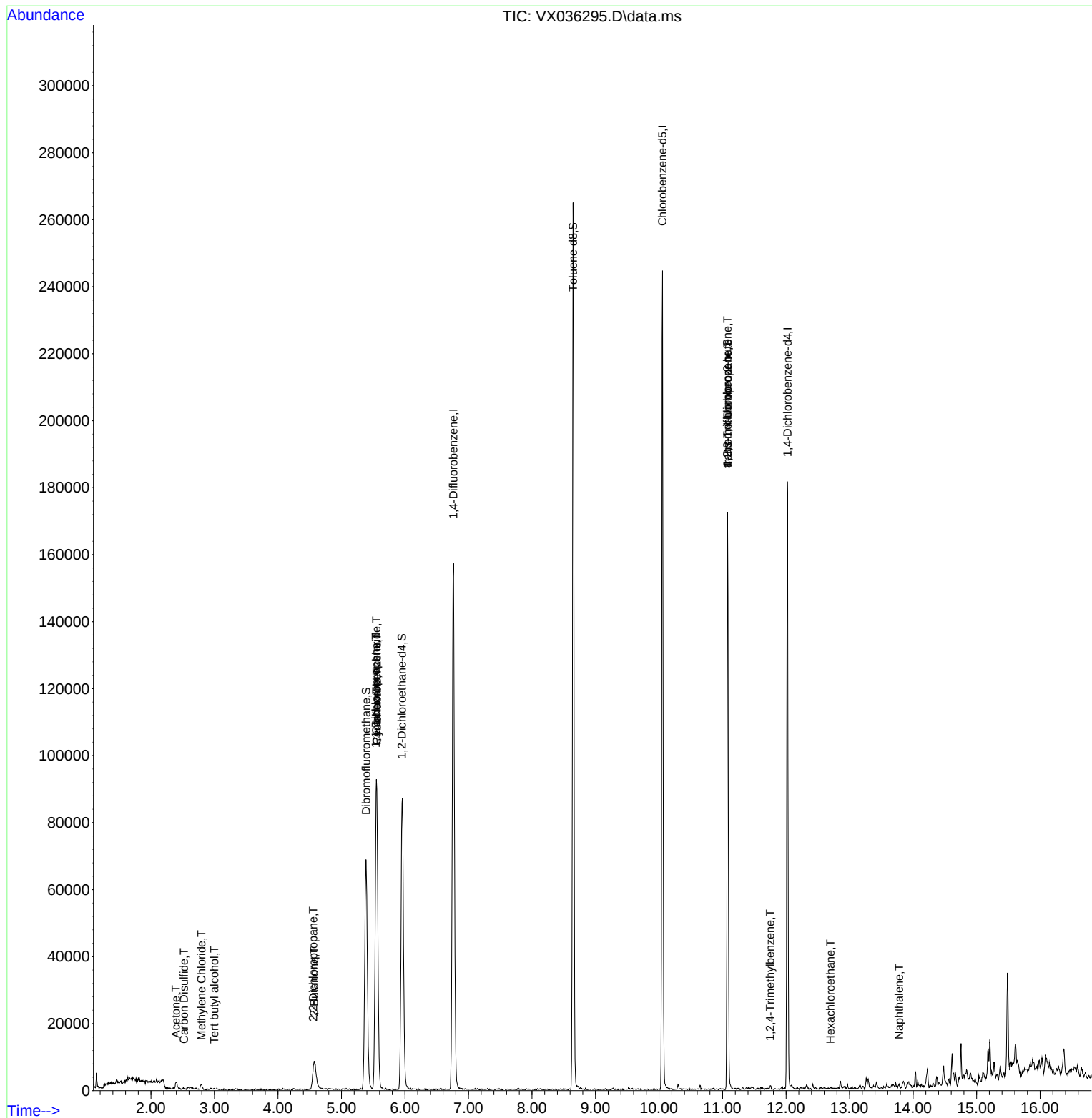
Internal Standards						
1) Pentafluorobenzene	5.556	168	88887	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	161639	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85274	66.927	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	133.860%#
35) Dibromofluoromethane	5.385	113	61199	57.421	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	114.840%
50) Toluene-d8	8.647	98	160725	40.375	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	80.760%#
62) 4-Bromofluorobenzene	11.079	95	46732	33.329	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	66.660%#
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.995	59	465	2.005	ug/l	# 90
16) Acetone	2.392	43	2981	5.474	ug/l	# 84
17) Carbon Disulfide	2.520	76	615	0.248	ug/l	# 76
20) Methylene Chloride	2.794	84	851	0.726	ug/l	# 76
25) 2-Butanone	4.568	43	561	0.717	ug/l	# 51
26) 2,2-Dichloropropane	4.556	77	324	0.236	ug/l	# 54
31) Cyclohexane	5.556	56	2127	1.303	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	7902	4.974	ug/l	# 43
38) Carbon Tetrachloride	5.550	117	9162	6.314	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	25014	29.874	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	25014	97.381	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.750	105	702	0.283	ug/l	99
90) Hexachloroethane	12.701	117	145	0.375	ug/l	# 17
95) Naphthalene	13.780	128	833	0.311	ug/l	# 86

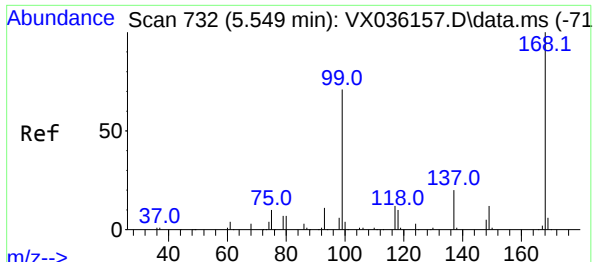
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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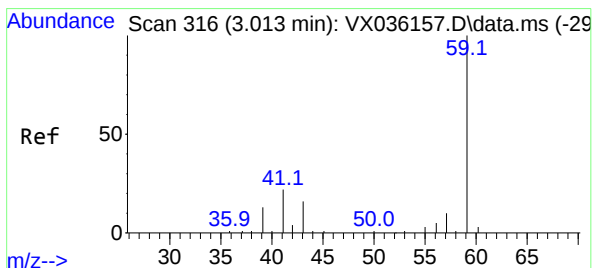
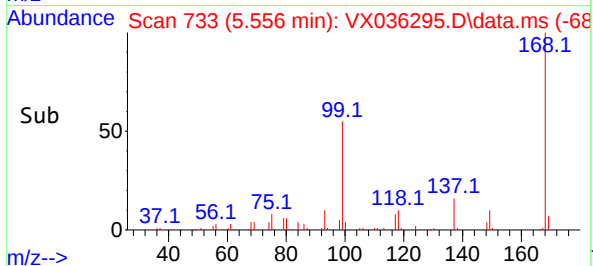
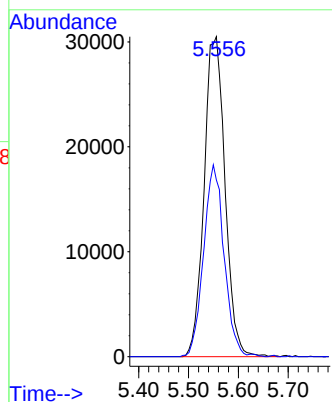
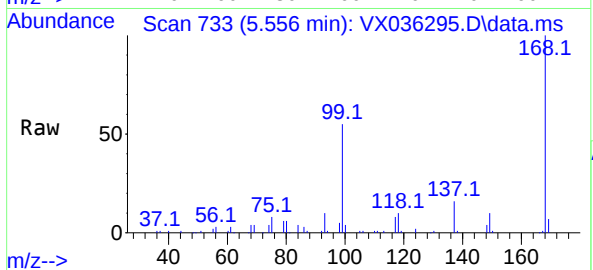




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036295.D
Acq: 23 Jun 2023 17:23

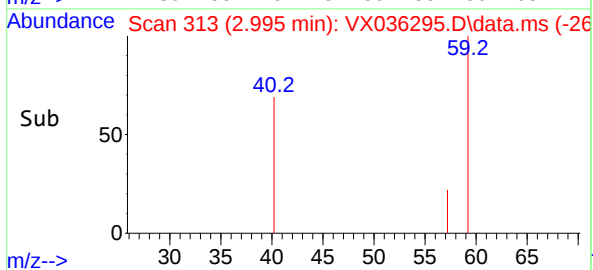
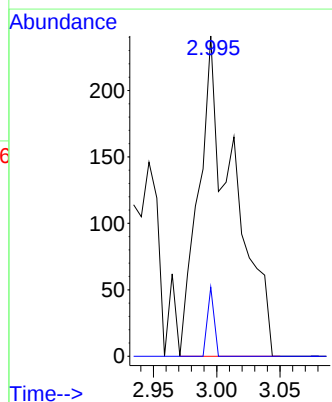
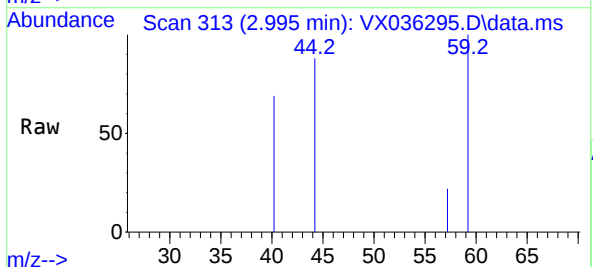
Instrument :
MSVOA_X
ClientSampleId :
FB02RE

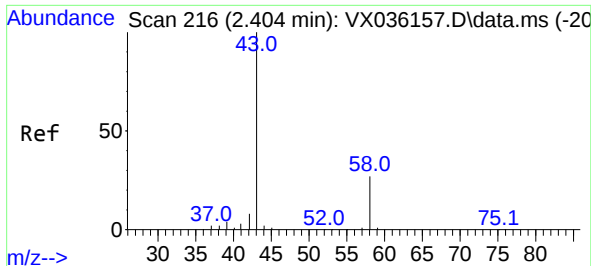
Tgt Ion:168 Resp: 88887
Ion Ratio Lower Upper
168 100
99 55.3 56.6 85.0#



#11
Tert butyl alcohol
Concen: 2.005 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.018 min
Lab File: VX036295.D
Acq: 23 Jun 2023 17:23

Tgt Ion: 59 Resp: 465
Ion Ratio Lower Upper
59 100
57 4.1 6.0 9.0#

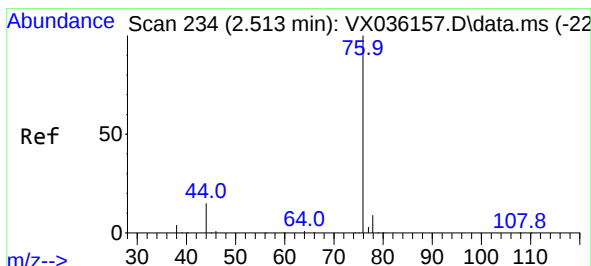
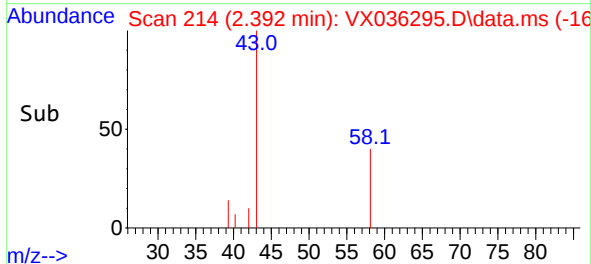
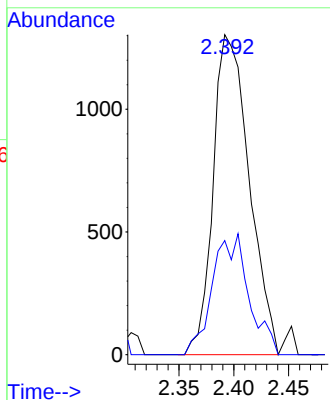
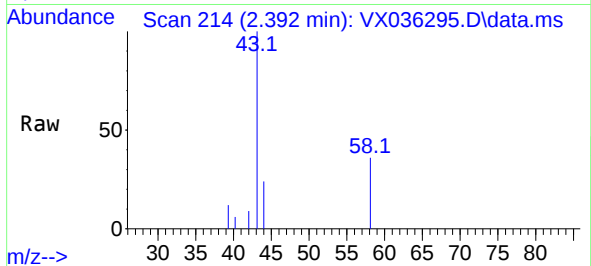




#16
Acetone
Concen: 5.474 ug/l
RT: 2.392 min Scan# 216
Delta R.T. -0.012 min
Lab File: VX036295.D
Acq: 23 Jun 2023 17:23

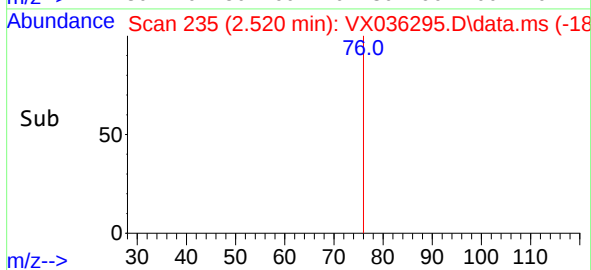
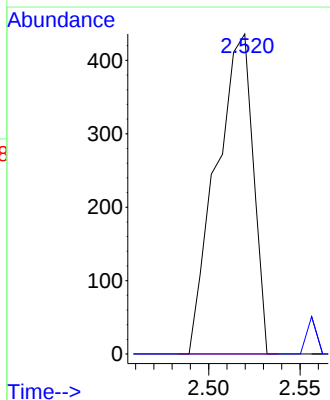
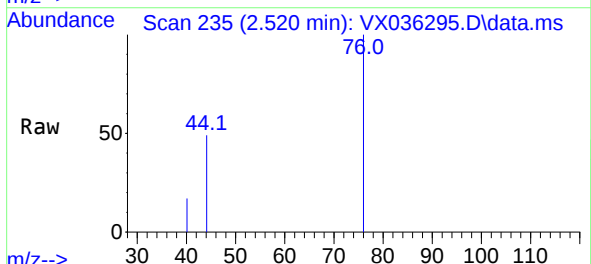
Instrument :
MSVOA_X
ClientSampleId :
FB02RE

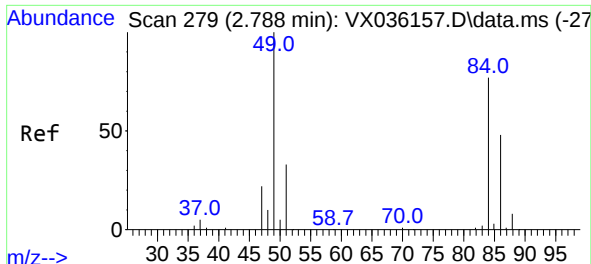
Tgt Ion: 43 Resp: 2981
Ion Ratio Lower Upper
43 100
58 35.7 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.248 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.007 min
Lab File: VX036295.D
Acq: 23 Jun 2023 17:23

Tgt Ion: 76 Resp: 615
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

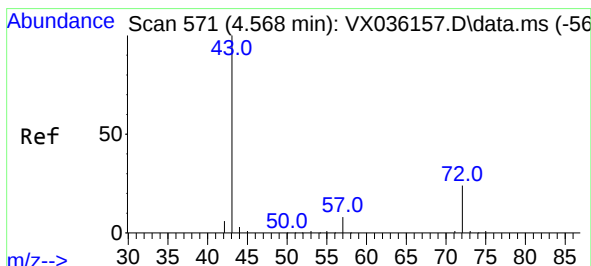
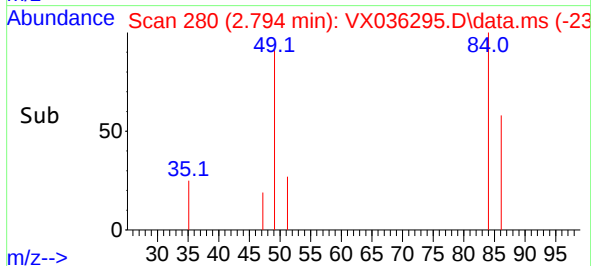
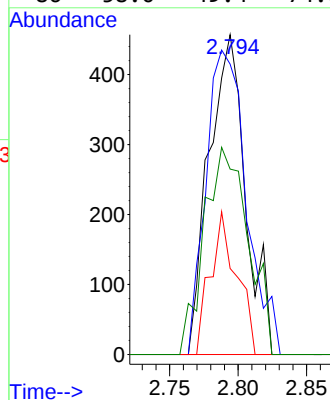
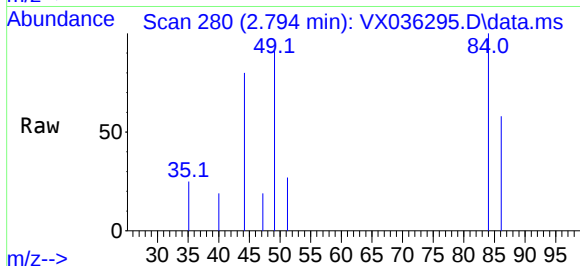




#20
Methylene Chloride
Concen: 0.726 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036295.D
Acq: 23 Jun 2023 17:23

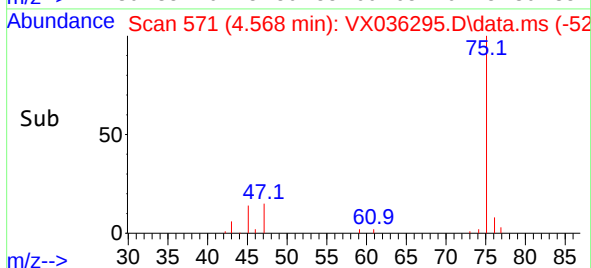
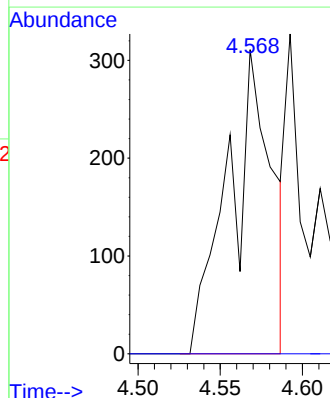
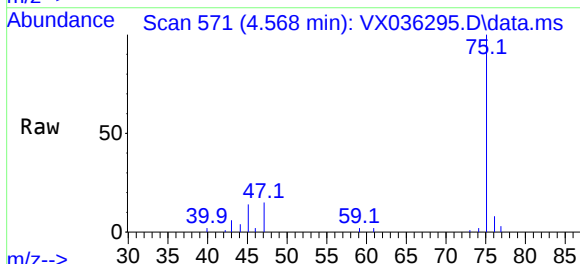
Instrument :
MSVOA_X
ClientSampleId :
FB02RE

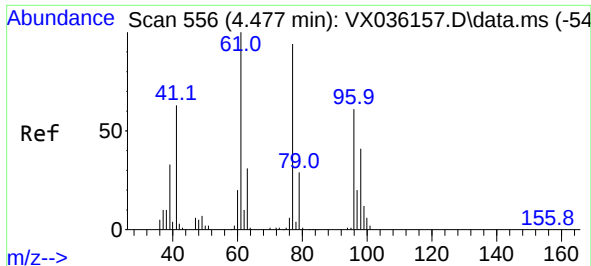
Tgt Ion:	84	Resp:	851
Ion	Ratio	Lower	Upper
84	100		
49	90.8	103.6	155.4#
51	26.9	33.8	50.6#
86	58.0	49.4	74.0



#25
2-Butanone
Concen: 0.717 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX036295.D
Acq: 23 Jun 2023 17:23

Tgt Ion:	43	Resp:	561
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#





#26

2,2-Dichloropropane

Concen: 0.236 ug/l

RT: 4.556 min Scan# 5

Delta R.T. 0.079 min

Lab File: VX036295.D

Acq: 23 Jun 2023 17:23

Instrument :

MSVOA_X

ClientSampleId :

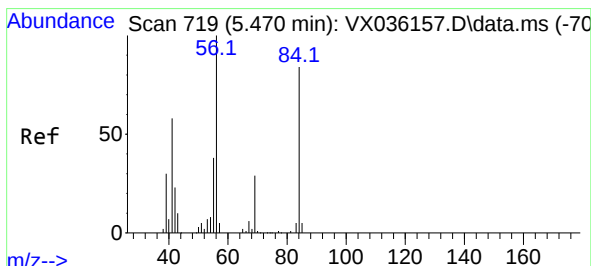
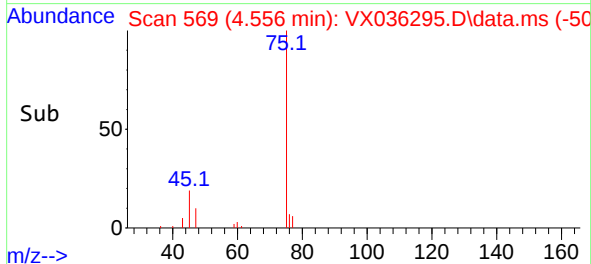
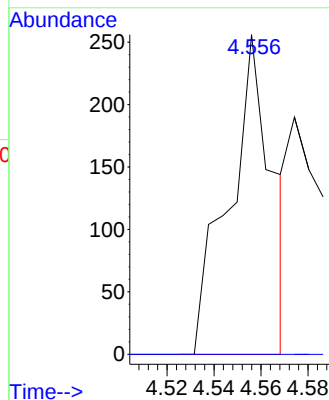
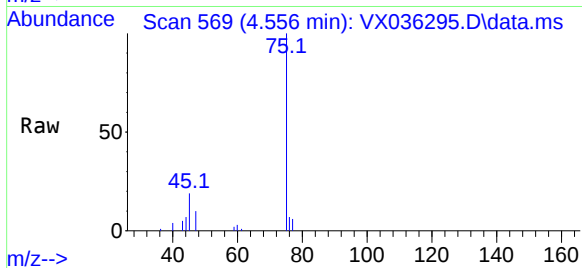
FB02RE

Tgt Ion: 77 Resp: 324

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#31

Cyclohexane

Concen: 1.303 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX036295.D

Acq: 23 Jun 2023 17:23

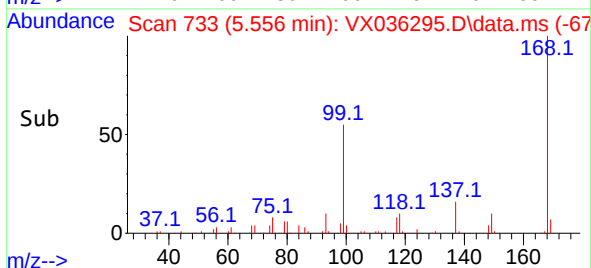
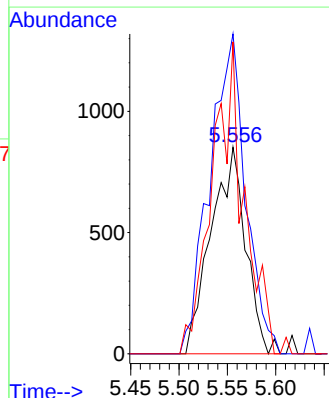
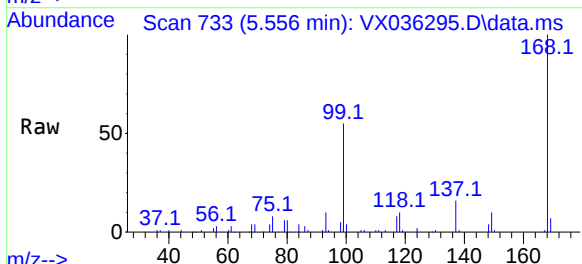
Tgt Ion: 56 Resp: 2127

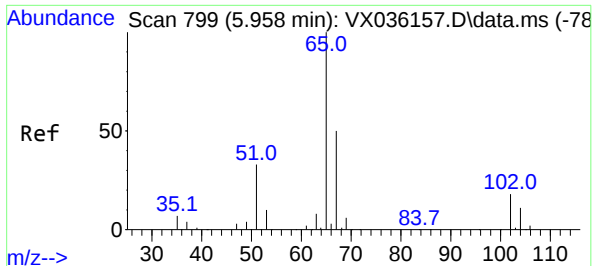
Ion Ratio Lower Upper

56 100

69 154.8 23.4 35.2#

84 151.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 66.927 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036295.D

Acq: 23 Jun 2023 17:23

Instrument :

MSVOA_X

ClientSampleId :

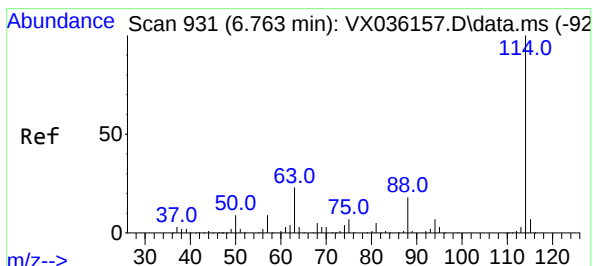
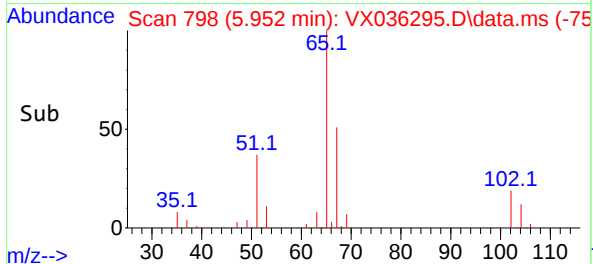
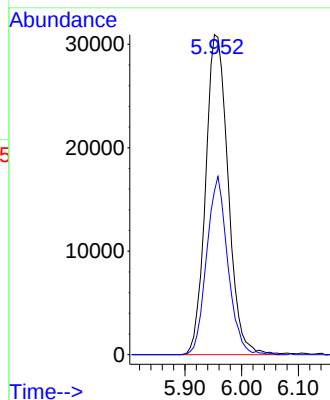
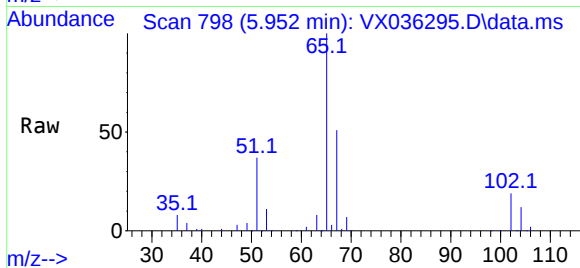
FB02RE

Tgt Ion: 65 Resp: 85274

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036295.D

Acq: 23 Jun 2023 17:23

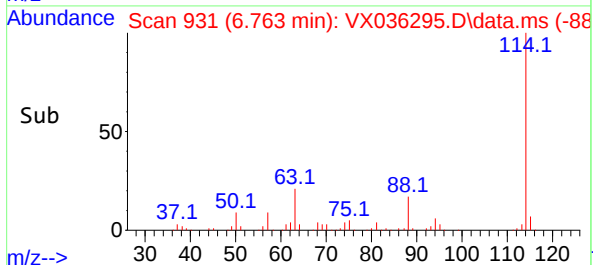
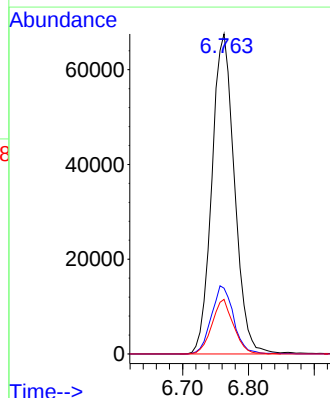
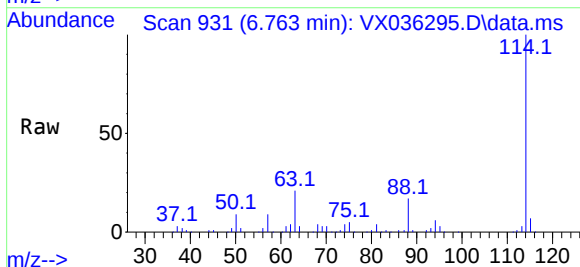
Tgt Ion: 114 Resp: 161639

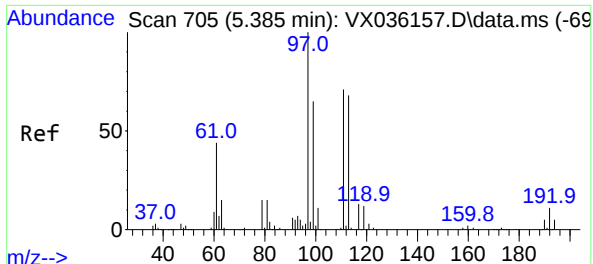
Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

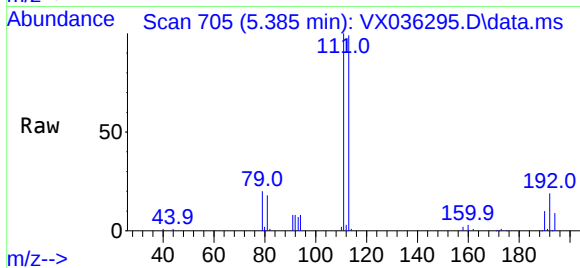
88 17.1 0.0 36.6



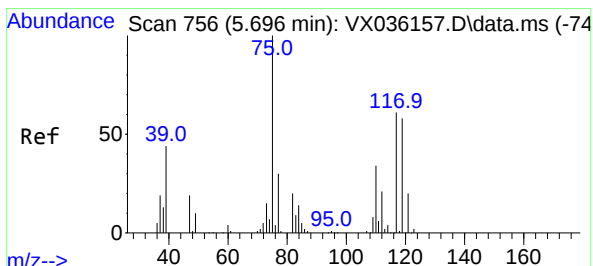
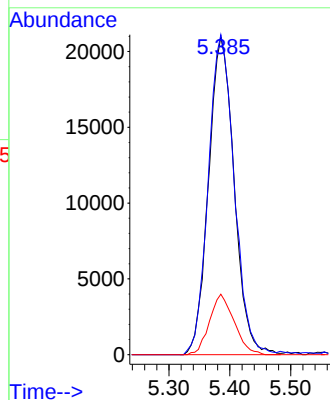
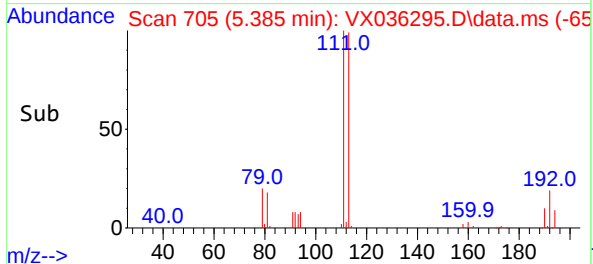


#35
Dibromofluoromethane
Concen: 57.421 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036295.D
Acq: 23 Jun 2023 17:23

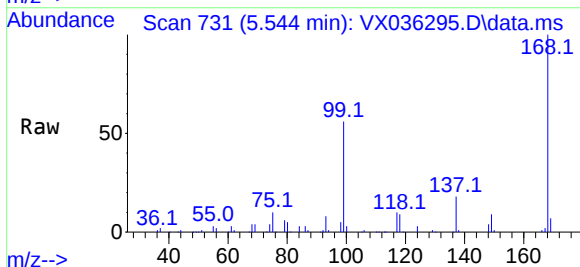
Instrument :
MSVOA_X
ClientSampleId :
FB02RE



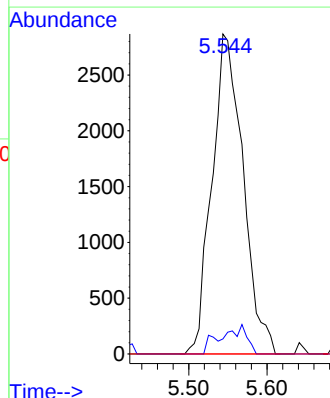
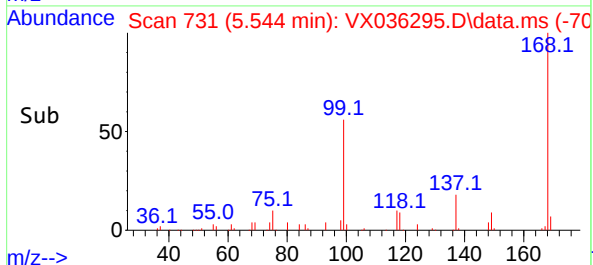
Tgt Ion:113 Resp: 61199
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.3 13.3 19.9

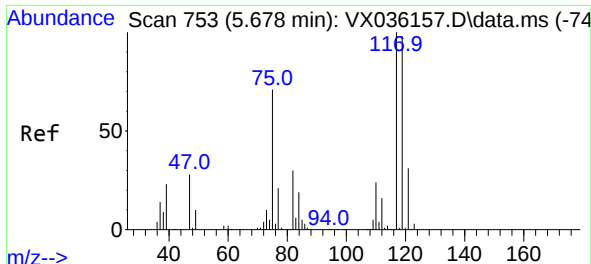


#36
1,1-Dichloropropene
Concen: 4.974 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX036295.D
Acq: 23 Jun 2023 17:23



Tgt Ion: 75 Resp: 7902
Ion Ratio Lower Upper
75 100
110 1.4 17.0 50.9#
77 0.0 24.7 37.1#

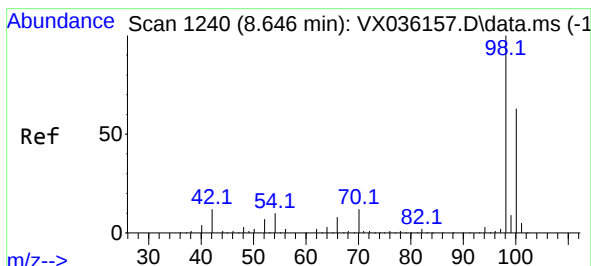
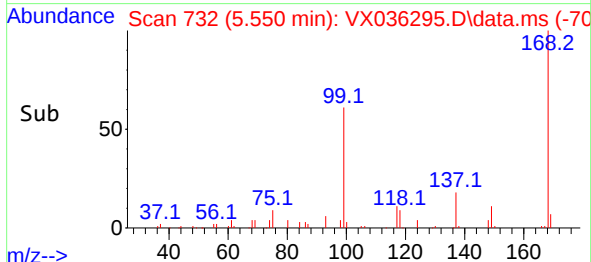
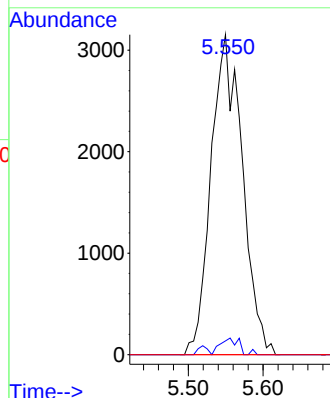
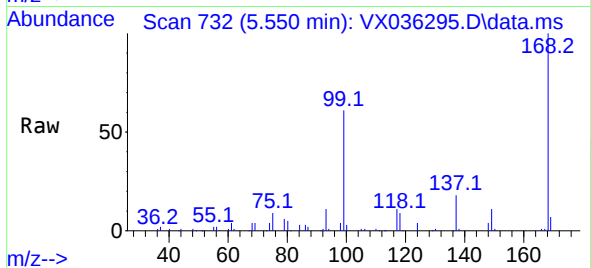




#38
Carbon Tetrachloride
Concen: 6.314 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036295.D
Acq: 23 Jun 2023 17:23

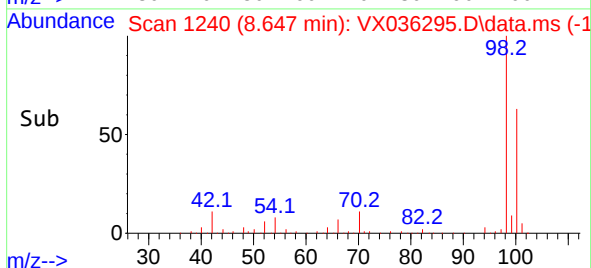
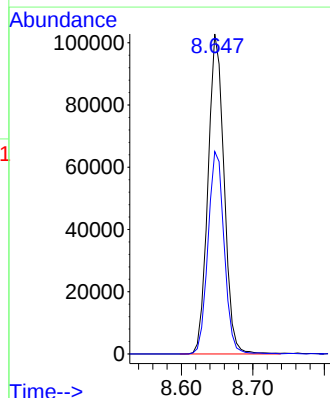
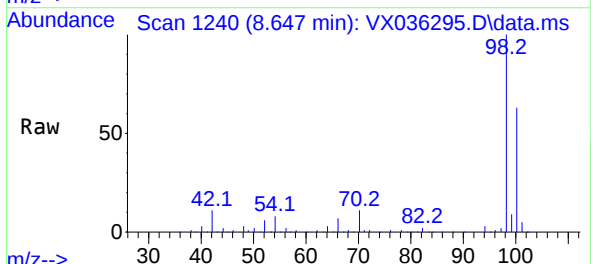
Instrument :
MSVOA_X
ClientSampleId :
FB02RE

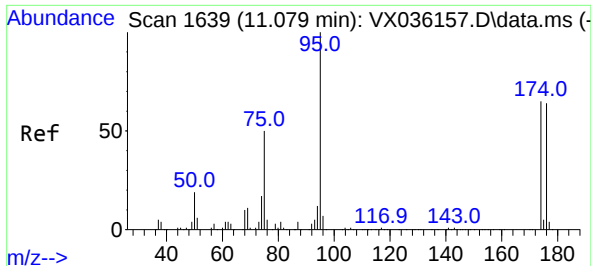
Tgt Ion:117 Resp: 9162
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 40.375 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036295.D
Acq: 23 Jun 2023 17:23

Tgt Ion: 98 Resp: 160725
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

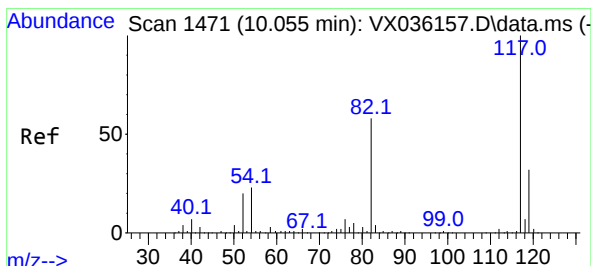
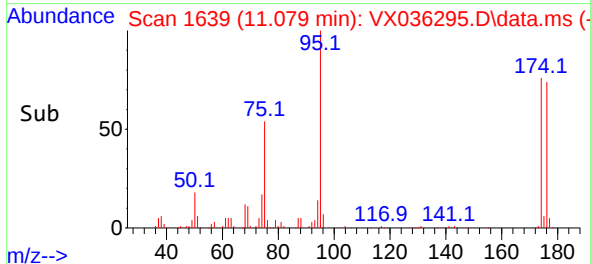
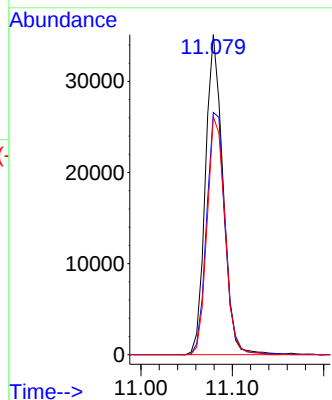
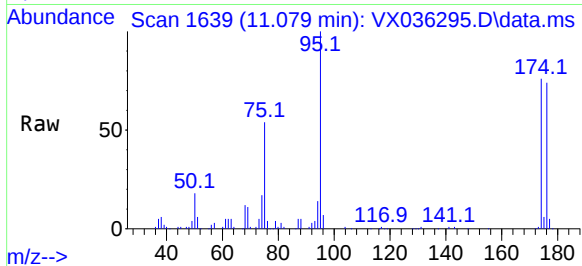




#62
4-Bromofluorobenzene
Concen: 33.329 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036295.D
Acq: 23 Jun 2023 17:23

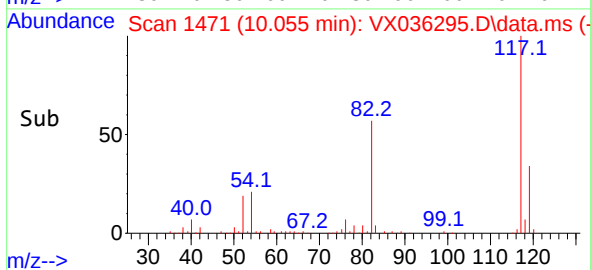
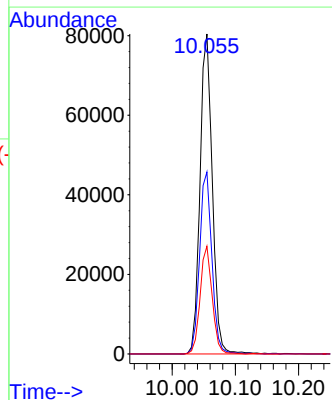
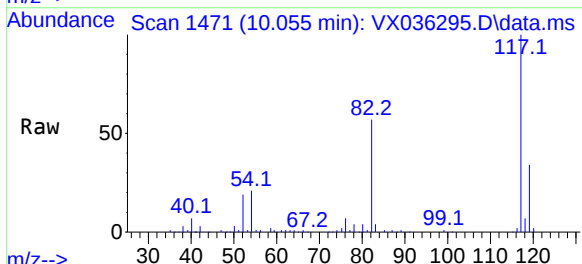
Instrument :
MSVOA_X
ClientSampleId :
FB02RE

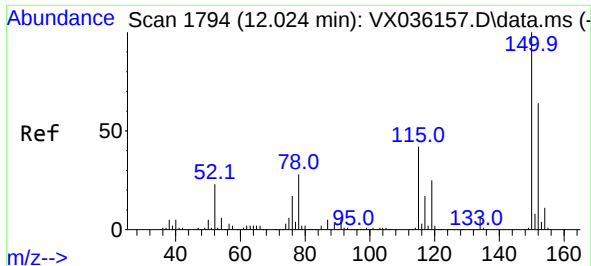
Tgt Ion: 95 Resp: 46732
Ion Ratio Lower Upper
95 100
174 79.4 0.0 135.6
176 75.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036295.D
Acq: 23 Jun 2023 17:23

Tgt Ion: 117 Resp: 109049
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 33.6 25.5 38.3

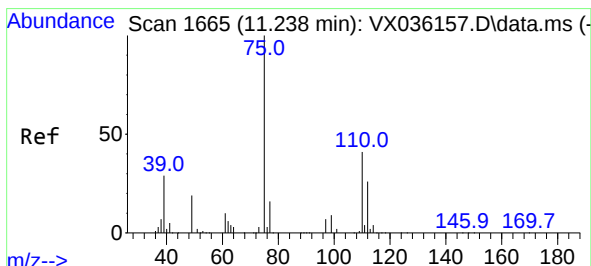
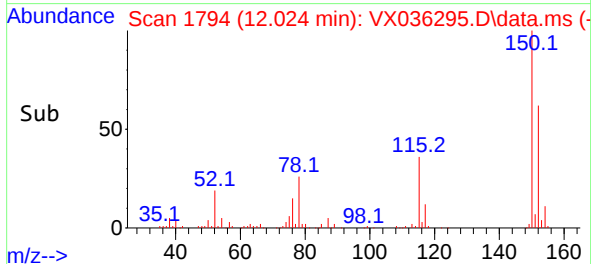
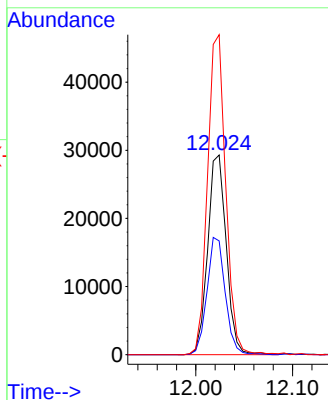
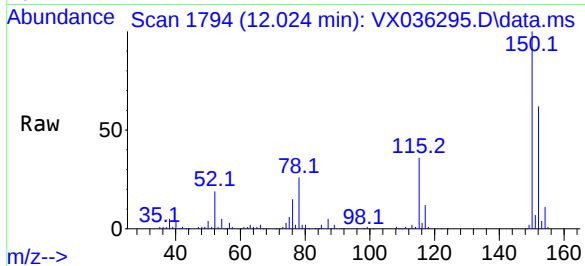




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036295.D
 Acq: 23 Jun 2023 17:23

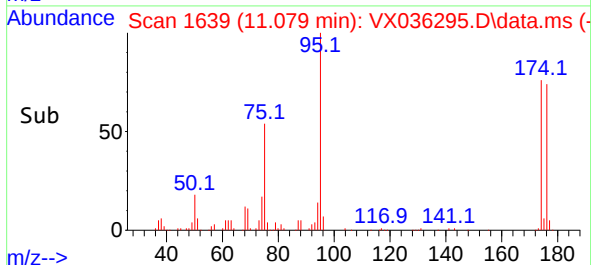
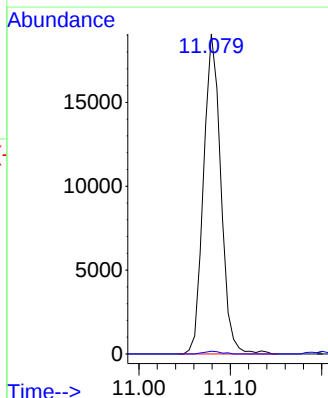
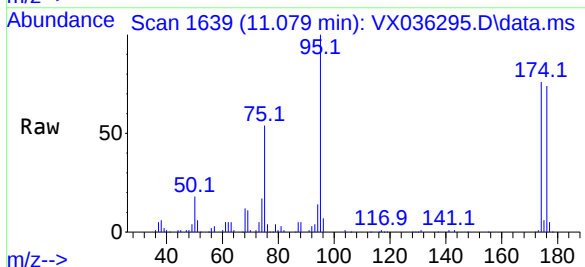
Instrument :
 MSVOA_X
 ClientSampleId :
 FB02RE

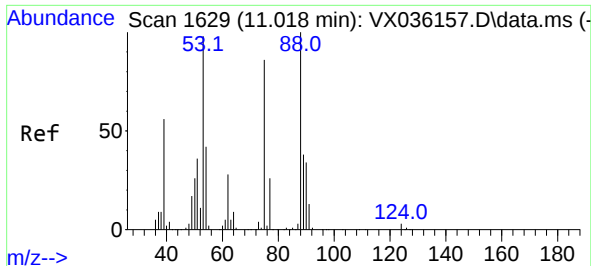
Tgt Ion:152 Resp: 39255
 Ion Ratio Lower Upper
 152 100
 115 57.8 43.3 129.9
 150 157.2 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 29.874 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX036295.D
 Acq: 23 Jun 2023 17:23

Tgt Ion: 75 Resp: 25014
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#

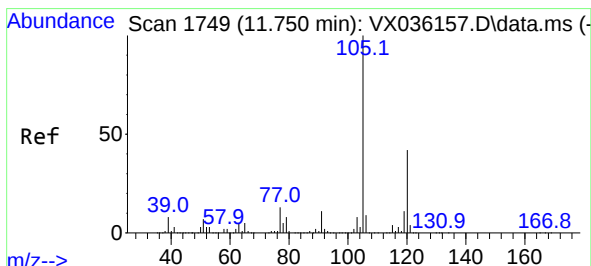
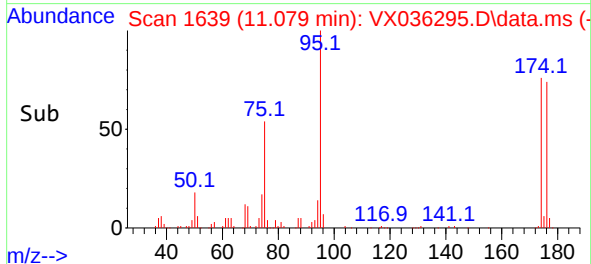
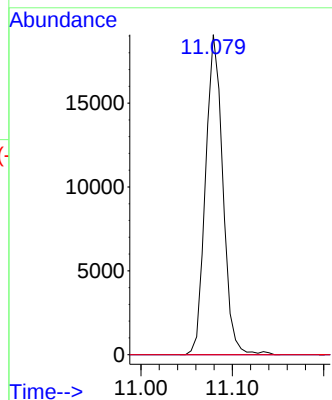
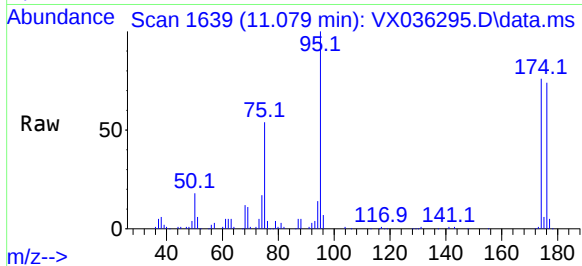




#81
trans-1,4-Dichloro-2-butene
Concen: 97.381 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX036295.D
Acq: 23 Jun 2023 17:23

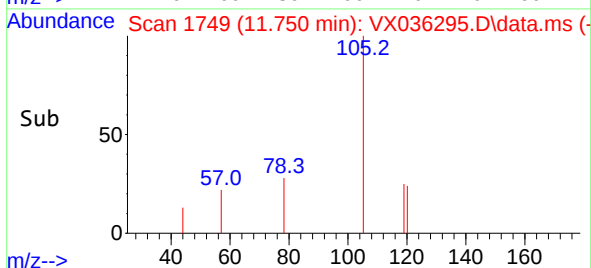
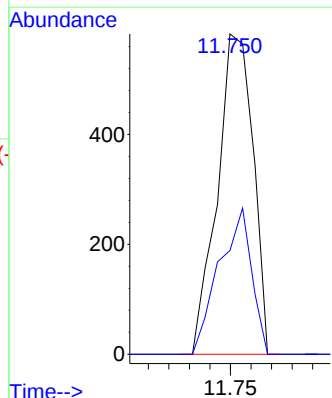
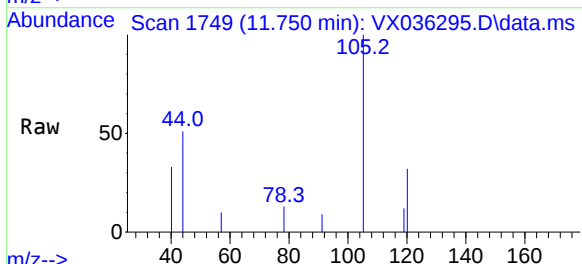
Instrument :
MSVOA_X
ClientSampleId :
FB02RE

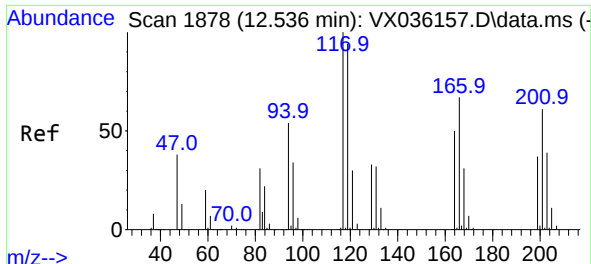
Tgt Ion: 75 Resp: 25014
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.283 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036295.D
Acq: 23 Jun 2023 17:23

Tgt Ion:105 Resp: 702
Ion Ratio Lower Upper
105 100
120 41.6 21.2 63.6

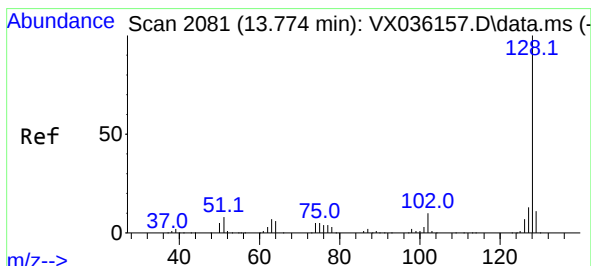
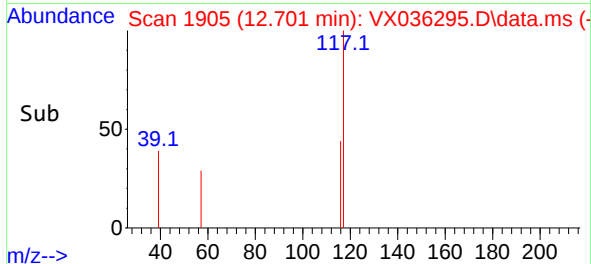
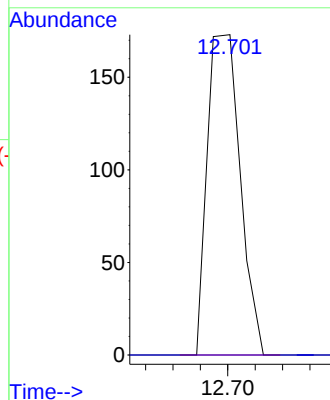
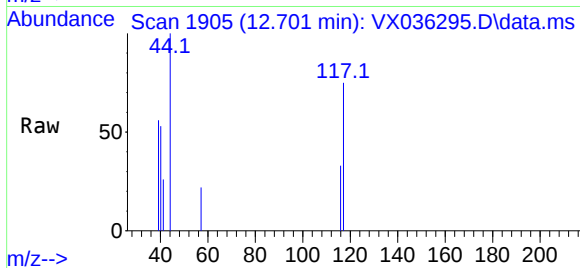




#90
Hexachloroethane
Concen: 0.375 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.165 min
Lab File: VX036295.D
Acq: 23 Jun 2023 17:23

Instrument :
MSVOA_X
ClientSampleId :
FB02RE

Tgt Ion:117 Resp: 145
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#



#95
Naphthalene
Concen: 0.311 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX036295.D
Acq: 23 Jun 2023 17:23

Tgt Ion:128 Resp: 833
Ion Ratio Lower Upper
128 100
127 2.6 10.3 15.5#
129 10.6 8.8 13.2

