

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037617.D
 Acq On : 09 Sep 2023 10:54
 Operator : JC/MD
 Sample : VX0909MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 11 01:17:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	120283	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	196801	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66740	41.105	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.200%
35) Dibromofluoromethane	5.385	113	59833	43.467	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.940%
50) Toluene-d8	8.647	98	229231	45.405	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.800%#
62) 4-Bromofluorobenzene	11.079	95	83073	43.659	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.320%
Target Compounds						
						Qvalue
5) Bromomethane	1.593	94	232	0.372	ug/l	# 58
11) Tert butyl alcohol	2.947	59	1801	4.957	ug/l	# 78
13) Acrolein	2.240	56	541	1.515	ug/l	92
15) Acrylonitrile	3.075	53	785	0.991	ug/l	94
16) Acetone	2.380	43	1335	1.999	ug/l	99
17) Carbon Disulfide	2.508	76	1603	0.496	ug/l	# 80
18) Methyl Acetate	2.703	43	824	0.304	ug/l	94
20) Methylene Chloride	2.782	84	471	Below Cal	#	76
21) trans-1,2-Dichloroethene	3.087	96	358	0.248	ug/l	# 75
23) Vinyl Acetate	3.733	43	1368	0.500	ug/l	# 73
25) 2-Butanone	4.574	43	407	0.402	ug/l	# 81
26) 2,2-Dichloropropane	4.581	77	448	0.243	ug/l	# 54
29) Tetrahydrofuran	5.032	42	585	0.902	ug/l	93
31) Cyclohexane	5.538	56	2129	1.078	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8816	4.848	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	11923	6.344	ug/l	# 14
44) Trichloroethene	7.135	130	498	0.324	ug/l	71
49) 1,4-Dioxane	7.678	88	197	4.698	ug/l	# 49
51) 4-Methyl-2-Pentanone	8.580	43	1240	0.698	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.257	63	505	0.453	ug/l	91
59) 2-Hexanone	9.439	43	1057	0.780	ug/l	99
65) Chlorobenzene	10.080	112	782	0.201	ug/l	99
68) m/p-Xylenes	10.305	106	884	0.340	ug/l	97
71) Bromoform	10.805	173	98	0.235	ug/l	# 29
76) 1,2,3-Trichloropropane	11.079	75	38656	20.789	ug/l	# 39
77) Bromobenzene	11.201	156	459	0.311	ug/l	94
78) n-propylbenzene	11.305	91	1899	0.286	ug/l	97
79) 2-Chlorotoluene	11.366	91	1246	0.296	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	1312	0.259	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.079	75	38656	62.296	ug/l	# 5
82) 4-Chlorotoluene	11.457	91	1761	0.370	ug/l	99
83) tert-Butylbenzene	11.713	119	1200	0.235	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	1516	0.300	ug/l	96
85) sec-Butylbenzene	11.890	105	1705	0.277	ug/l	99
86) p-Isopropyltoluene	12.006	119	1724	0.331	ug/l	86
87) 1,3-Dichlorobenzene	11.969	146	1253	0.446	ug/l	94

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Instrument :
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ClientSampleId :

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Quant Title : SW846 8260
QLast Update : Sat Sep 09 06:38:11 2023
Response via : Initial Calibration

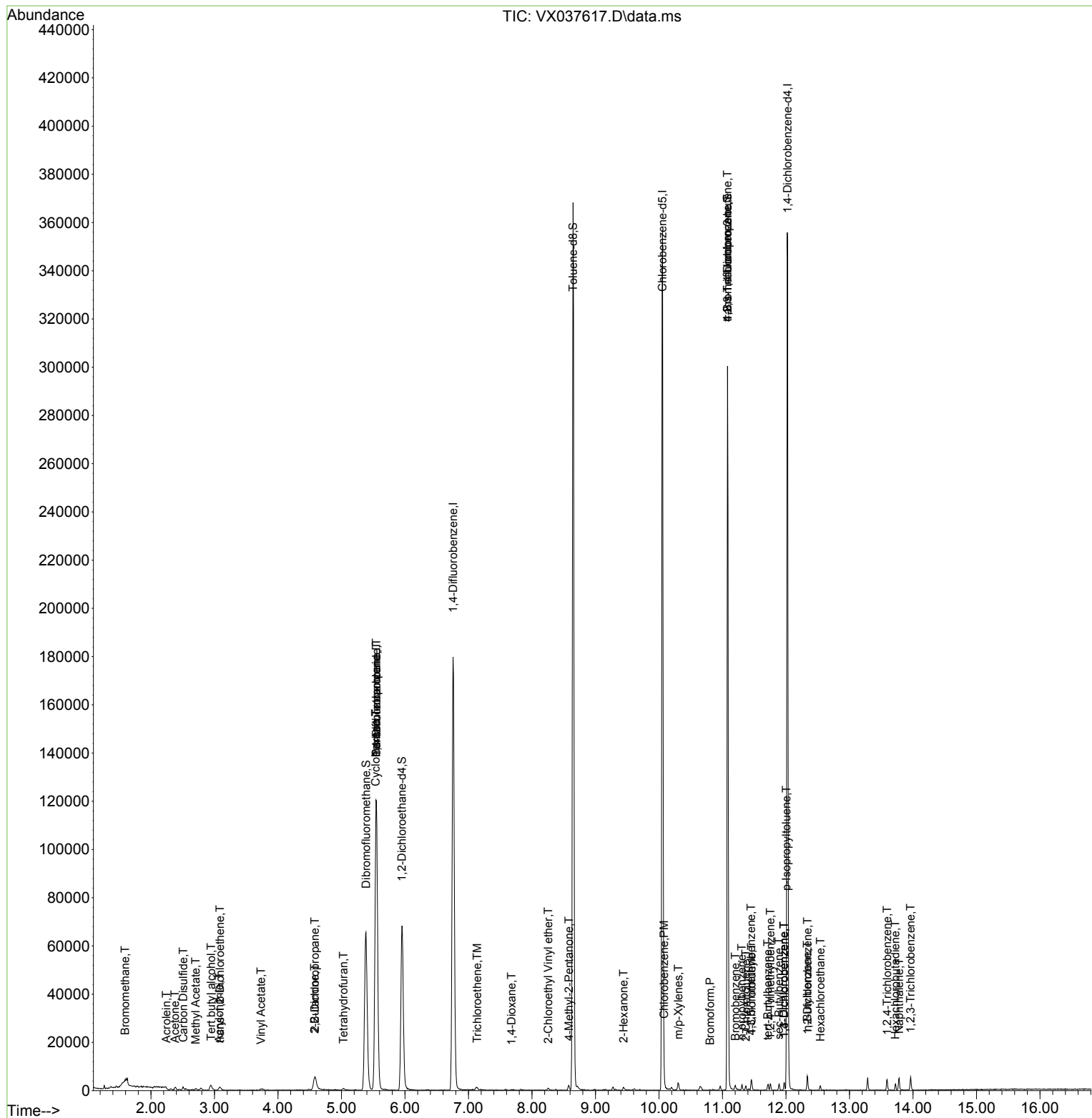
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	11.969	146	1253	0.438	ug/l	93
89) n-Butylbenzene	12.335	91	1622	0.379	ug/l	96
90) Hexachloroethane	12.543	117	262	0.296	ug/l	89
91) 1,2-Dichlorobenzene	12.341	146	1062	0.379	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	1480	0.874	ug/l	98
94) Hexachlorobutadiene	13.719	225	482	0.645	ug/l	89
95) Naphthalene	13.780	128	3865	0.654	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1667	0.953	ug/l	96

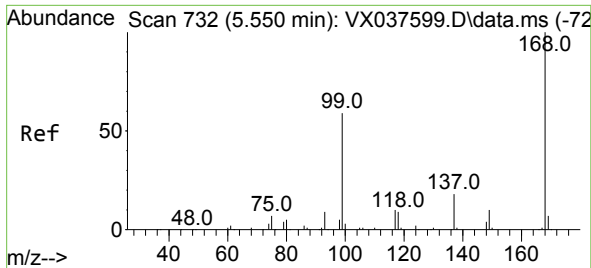
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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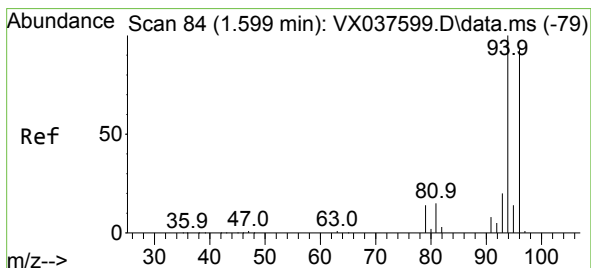
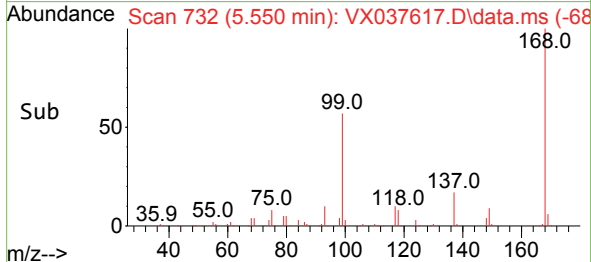
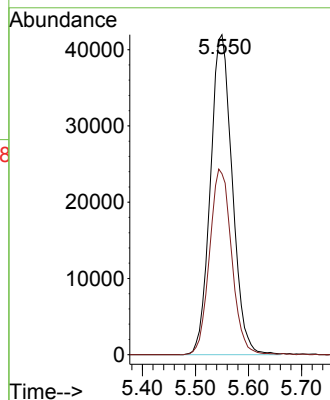
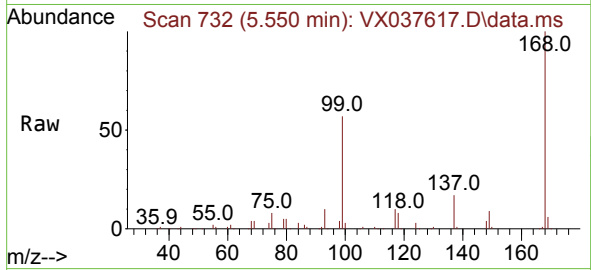




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

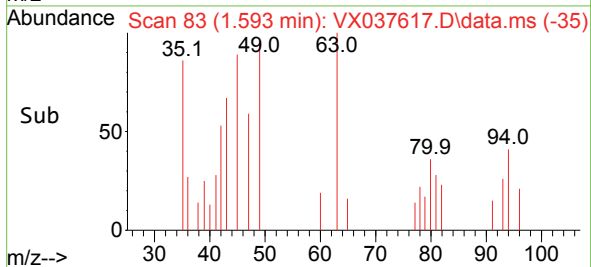
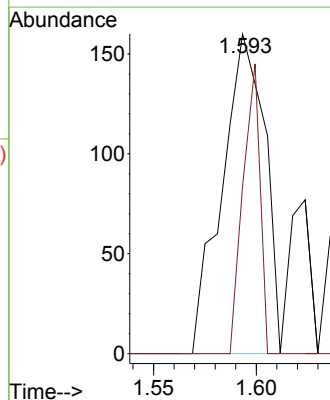
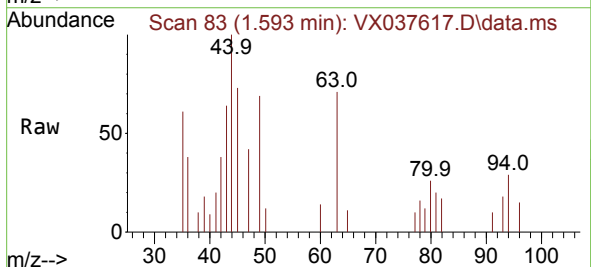
Instrument :
MSVOA_X
ClientSampleId :

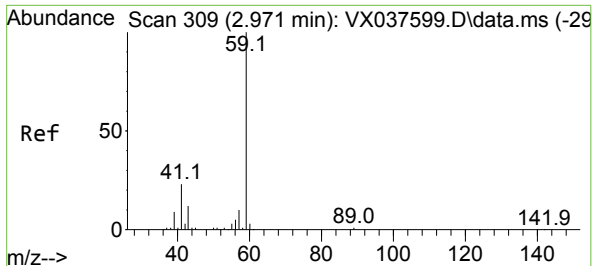
Tgt Ion:168 Resp: 120283
Ion Ratio Lower Upper
168 100
99 56.6 56.6 85.0#



#5
Bromomethane
Concen: 0.372 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

Tgt Ion: 94 Resp: 232
Ion Ratio Lower Upper
94 100
96 52.5 74.6 111.8#





#11

Tert butyl alcohol

Concen: 4.957 ug/l

RT: 2.947 min Scan# 309

Delta R.T. -0.024 min

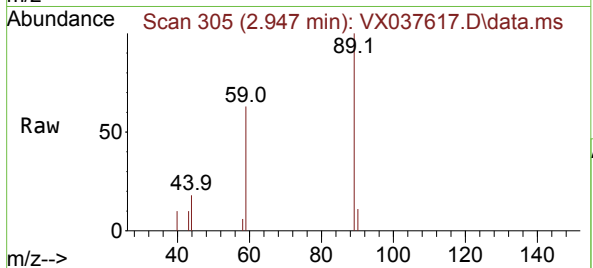
Lab File: VX037617.D

Acq: 09 Sep 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

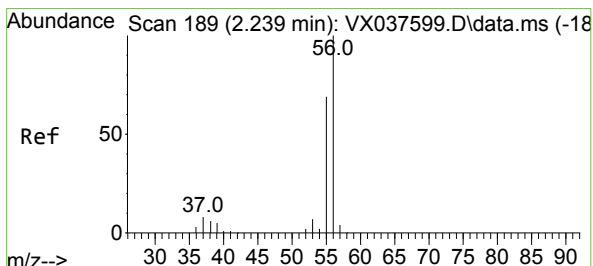
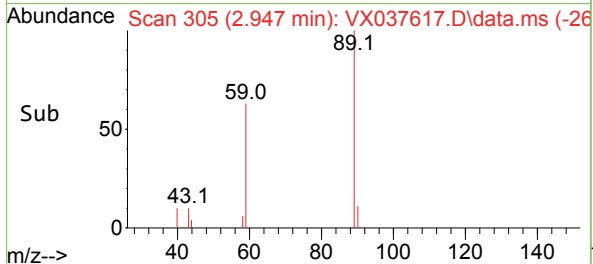
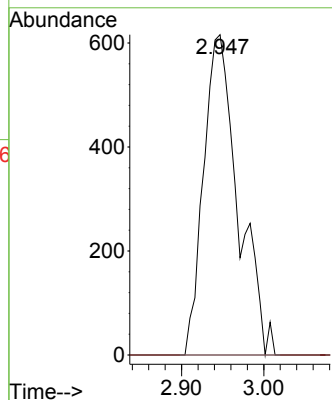


Tgt Ion: 59 Resp: 1801

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 1.515 ug/l

RT: 2.240 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX037617.D

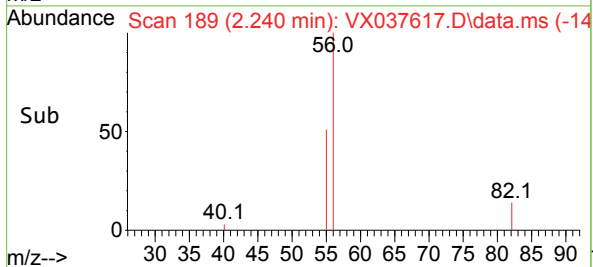
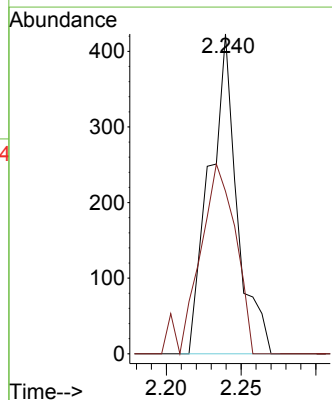
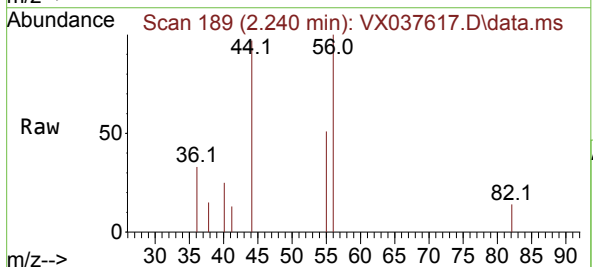
Acq: 09 Sep 2023 10:54

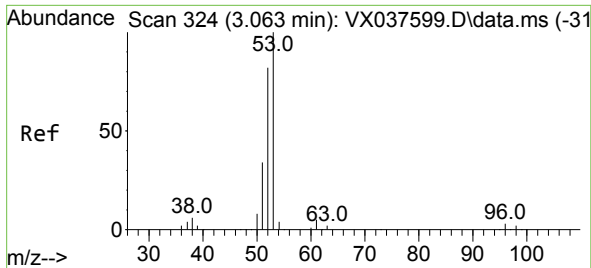
Tgt Ion: 56 Resp: 541

Ion Ratio Lower Upper

56 100

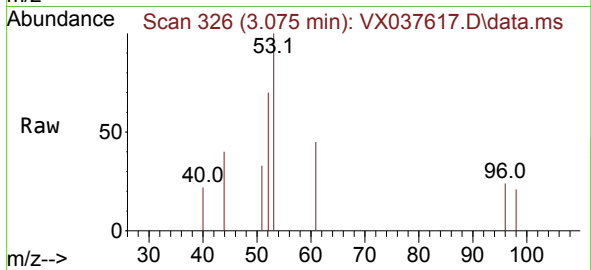
55 77.8 57.1 85.7



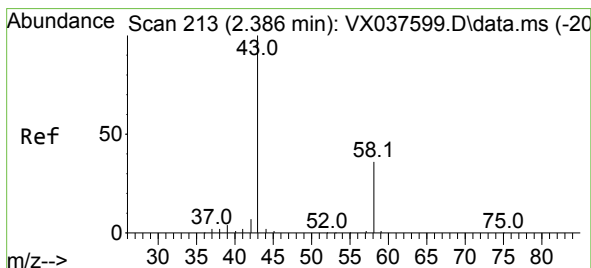
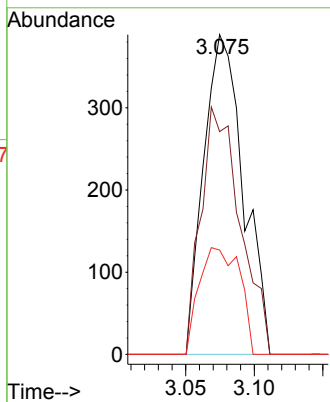
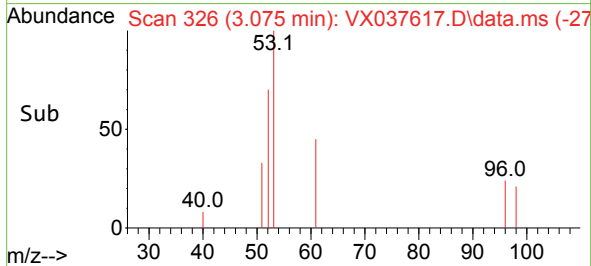


#15
Acrylonitrile
Concen: 0.991 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

Instrument :
MSVOA_X
ClientSampleId :

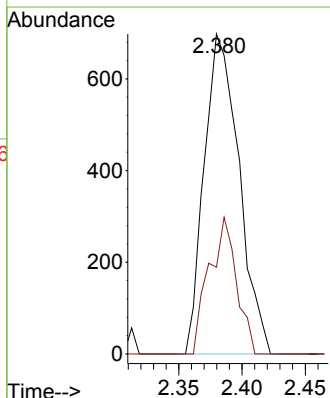
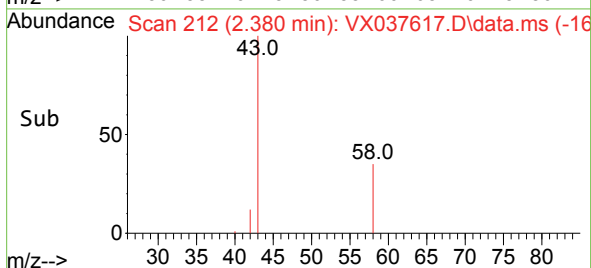
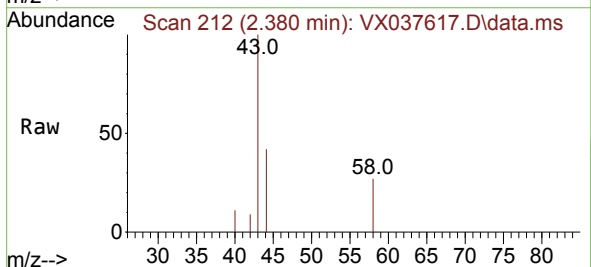


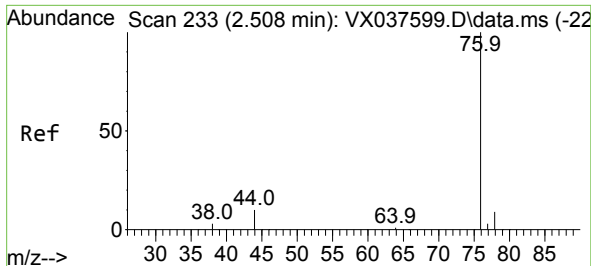
Tgt Ion: 53	Resp: 785	
Ion Ratio	Lower	Upper
53	100	
52	76.3	66.0 99.0
51	34.0	29.8 44.6



#16
Acetone
Concen: 1.999 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

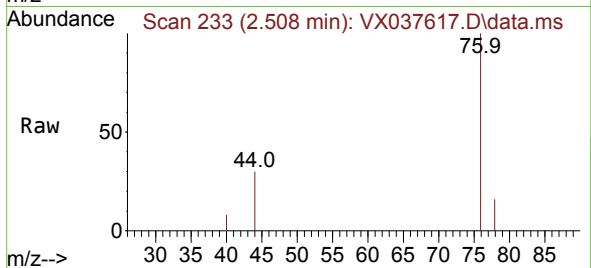
Tgt Ion: 43	Resp: 1335
Ion Ratio	Lower Upper
43 100	
58 27.1	21.9 32.9



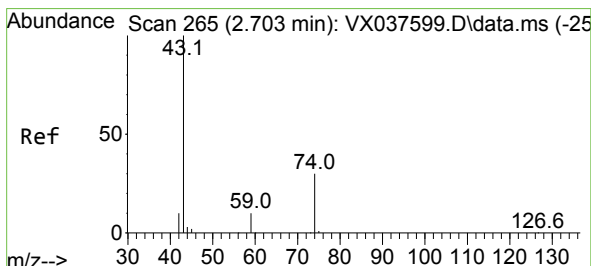
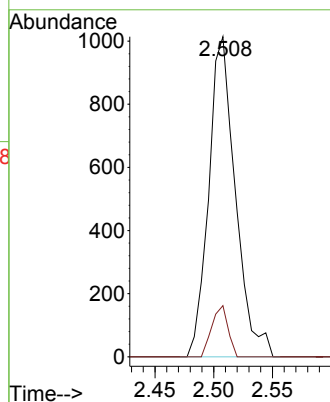
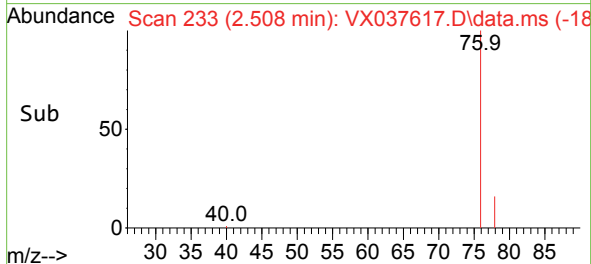


#17
Carbon Disulfide
Concen: 0.496 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

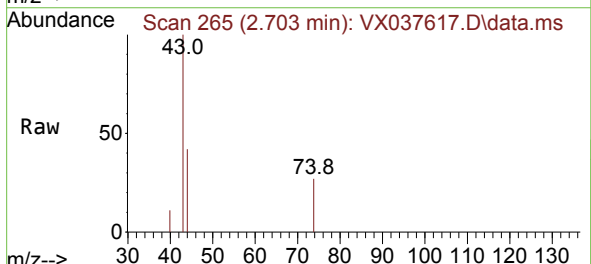
Instrument :
MSVOA_X
ClientSampleId :



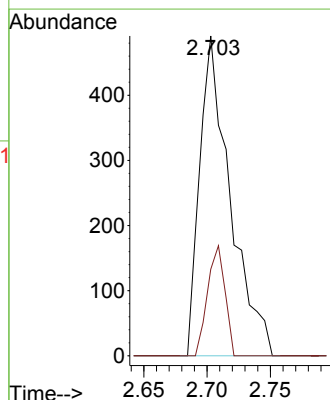
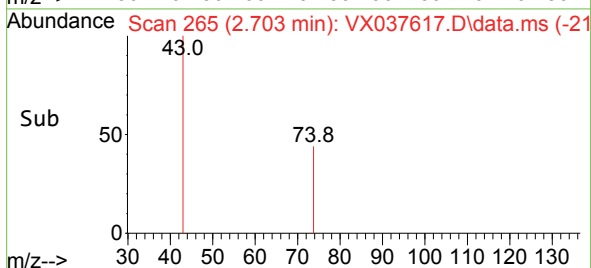
Tgt Ion: 76 Resp: 1603
Ion Ratio Lower Upper
76 100
78 16.0 7.0 10.6#

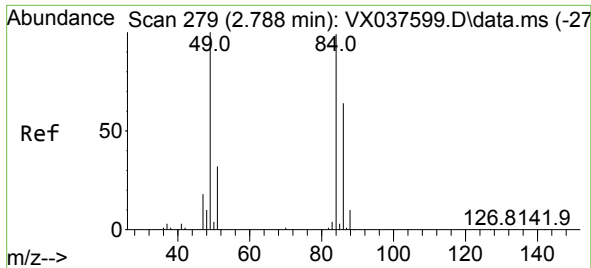


#18
Methyl Acetate
Concen: 0.304 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54



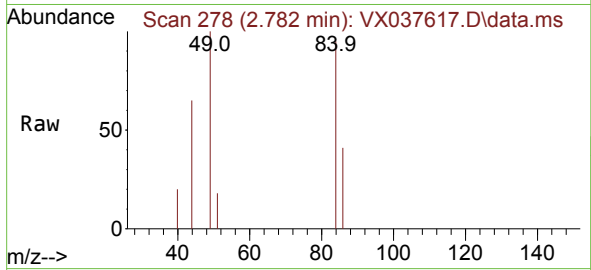
Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
74 19.7 17.8 26.8



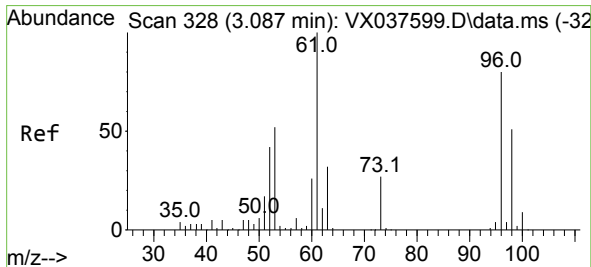
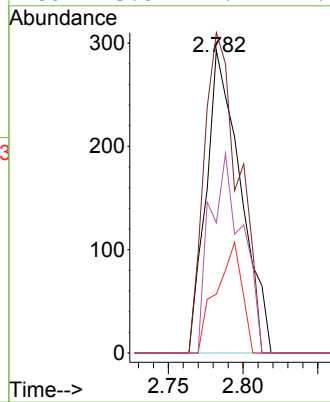
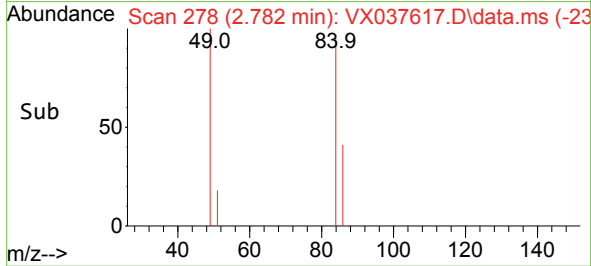


#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

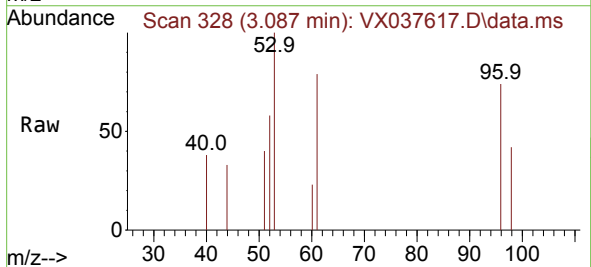
Instrument :
MSVOA_X
ClientSampleId :



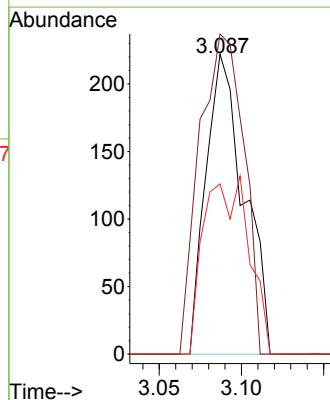
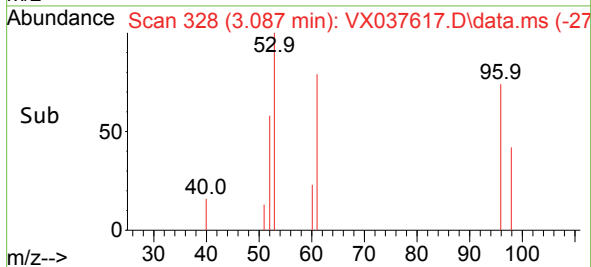
Tgt Ion: 84 Resp: 471
Ion Ratio Lower Upper
84 100
49 105.8 103.6 155.4
51 19.5 33.8 50.6#
86 43.0 49.4 74.0#

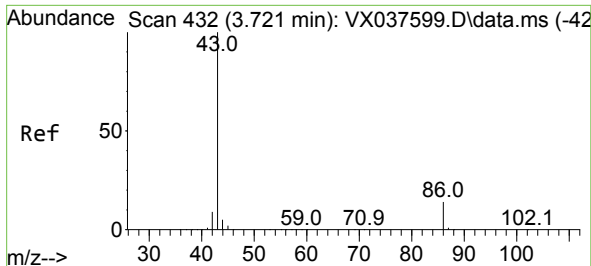


#21
trans-1,2-Dichloroethene
Concen: 0.248 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54



Tgt Ion: 96 Resp: 358
Ion Ratio Lower Upper
96 100
61 106.8 119.2 178.8#
98 56.8 48.7 73.1

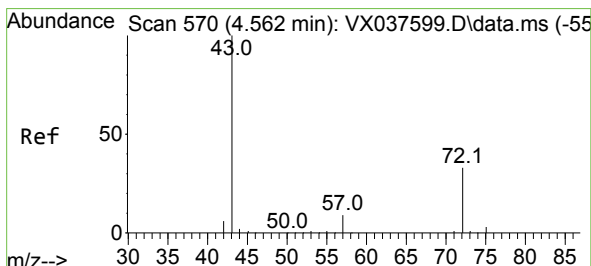
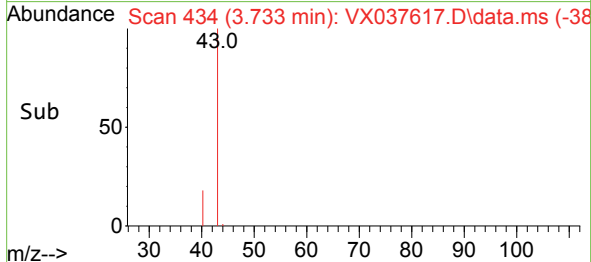
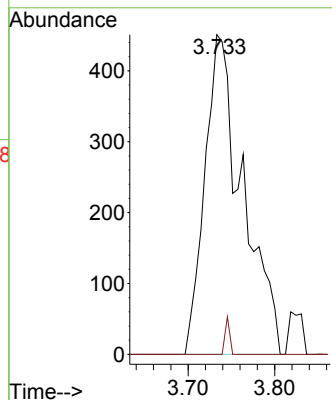
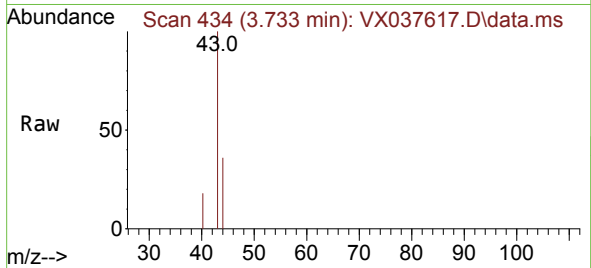




#23
 Vinyl Acetate
 Concen: 0.500 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VX037617.D
 Acq: 09 Sep 2023 10:54

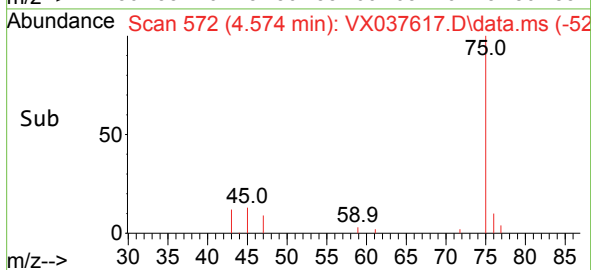
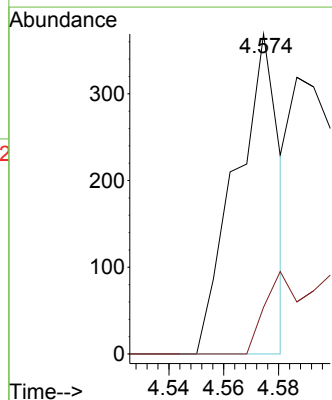
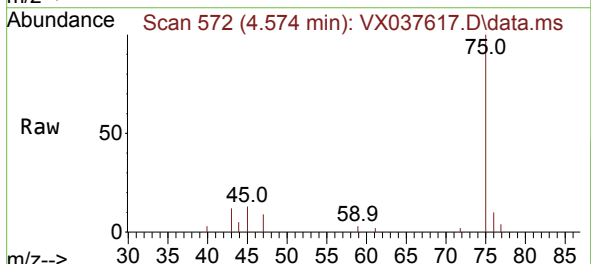
Instrument :
 MSVOA_X
 ClientSampleId :

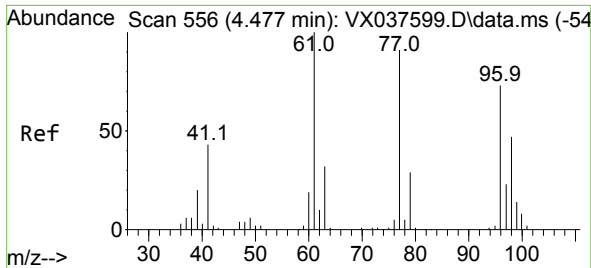
Tgt Ion: 43 Resp: 1368
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#25
 2-Butanone
 Concen: 0.402 ug/l
 RT: 4.574 min Scan# 572
 Delta R.T. 0.012 min
 Lab File: VX037617.D
 Acq: 09 Sep 2023 10:54

Tgt Ion: 43 Resp: 407
 Ion Ratio Lower Upper
 43 100
 72 14.6 19.4 29.2#

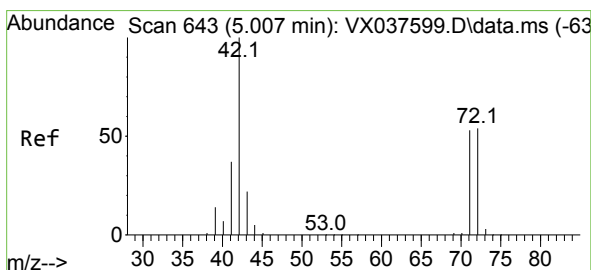
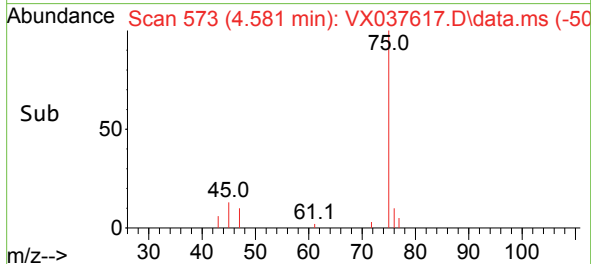
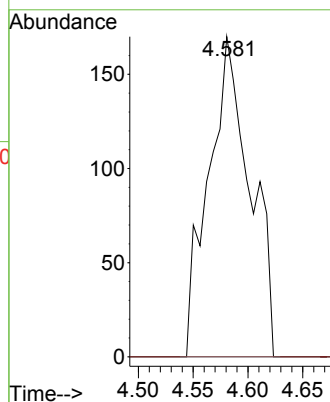
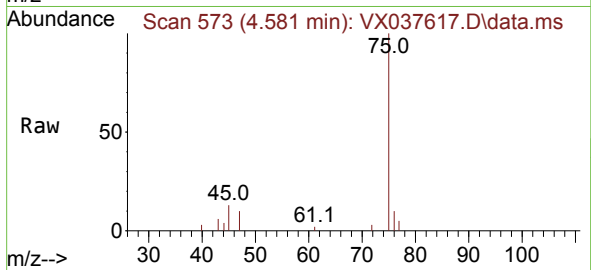




#26
2,2-Dichloropropane
Concen: 0.243 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.104 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

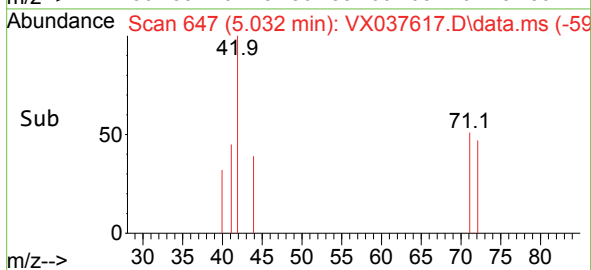
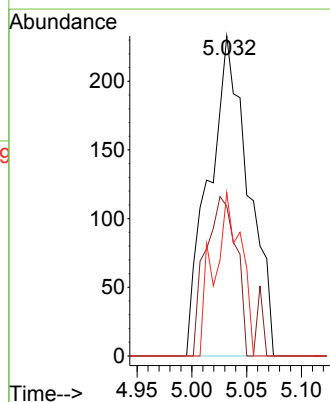
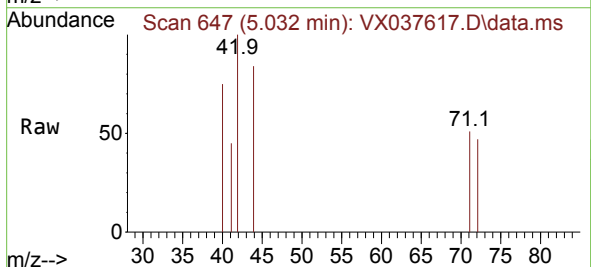
Instrument :
MSVOA_X
ClientSampleId :

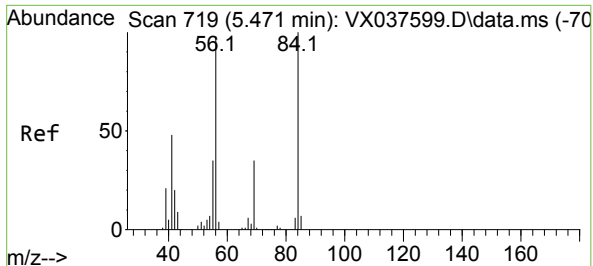
Tgt Ion: 77 Resp: 448
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#29
Tetrahydrofuran
Concen: 0.902 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.024 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

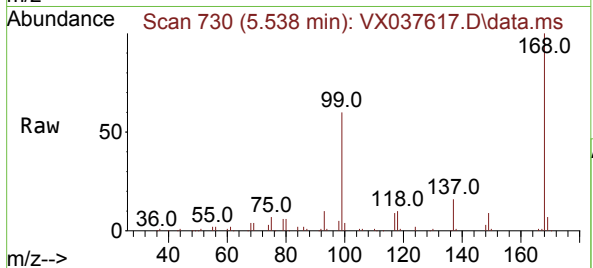
Tgt Ion: 42 Resp: 585
Ion Ratio Lower Upper
42 100
72 39.0 34.2 51.4
71 34.9 32.2 48.2



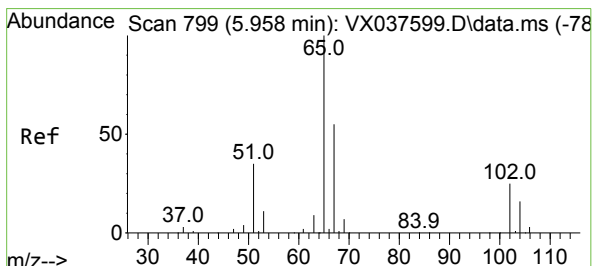
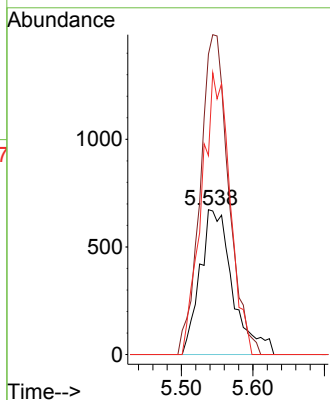
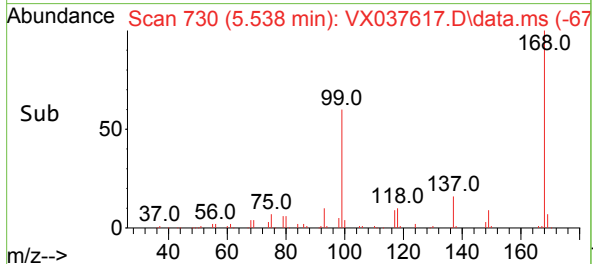


#31
Cyclohexane
Concen: 1.078 ug/l
RT: 5.538 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

Instrument :
MSVOA_X
ClientSampleId :

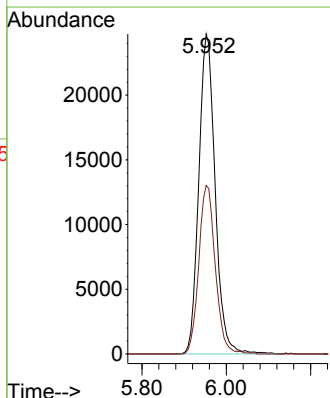
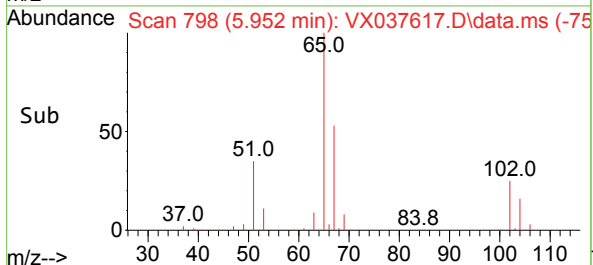
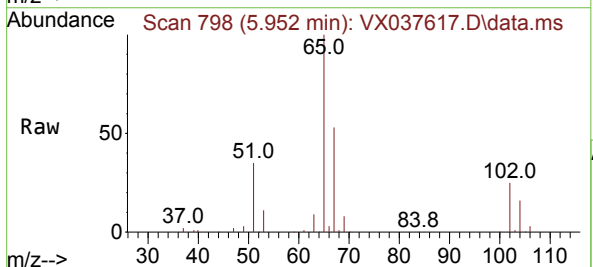


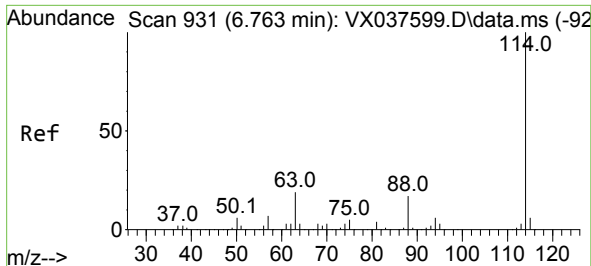
Tgt Ion: 56 Resp: 2129
Ion Ratio Lower Upper
56 100
69 207.3 23.4 35.2#
84 137.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 41.105 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

Tgt Ion: 65 Resp: 66740
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.2

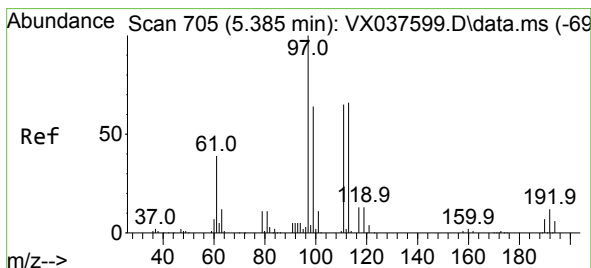
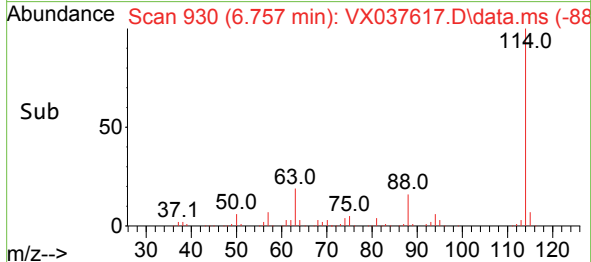
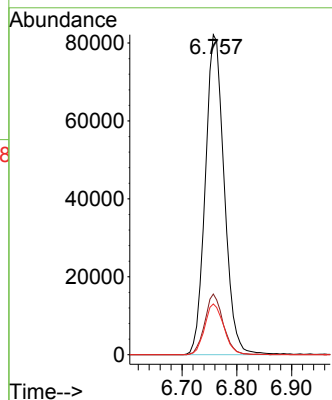
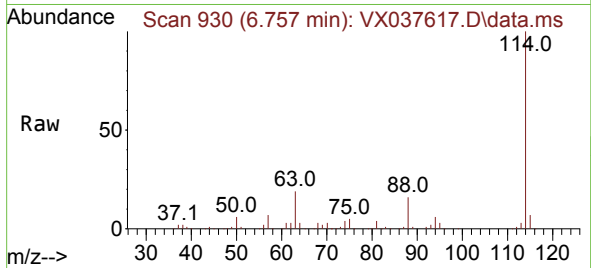




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

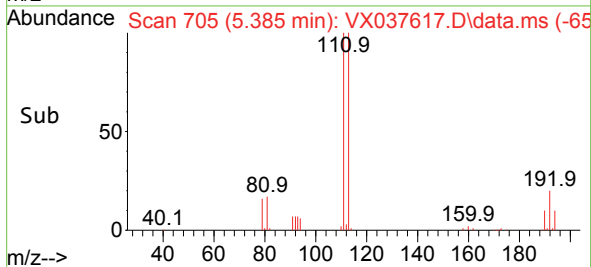
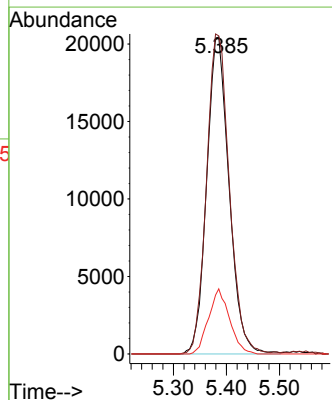
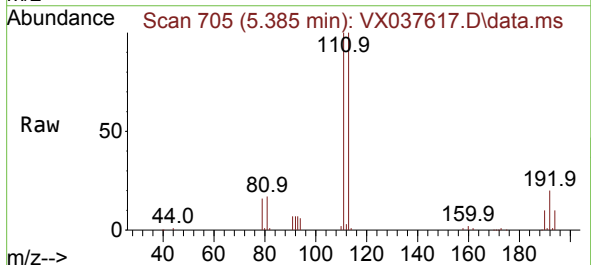
Instrument :
MSVOA_X
ClientSampleId :

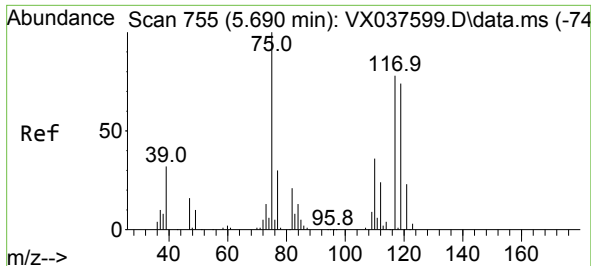
Tgt Ion:114 Resp: 196801
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.467 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

Tgt Ion:113 Resp: 59833
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 19.3 13.3 19.9

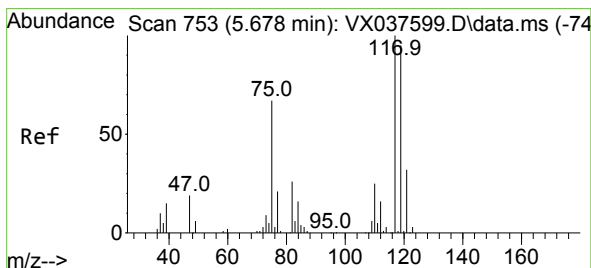
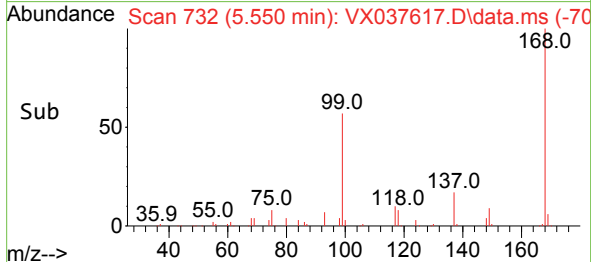
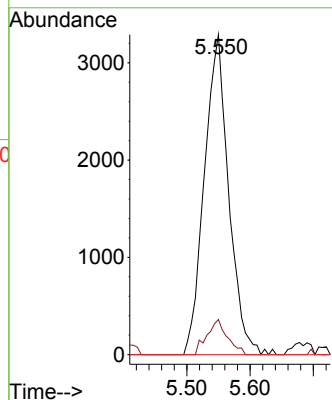
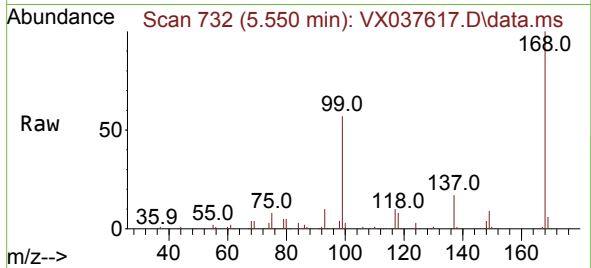




#36
1,1-Dichloropropene
Concen: 4.848 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

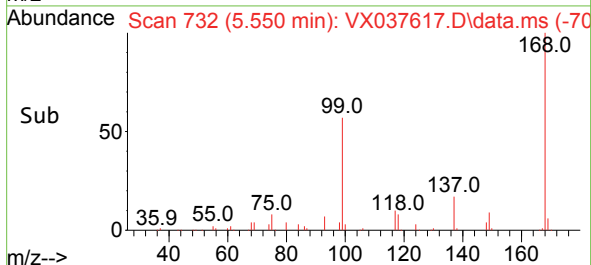
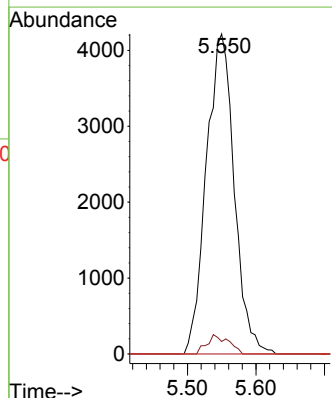
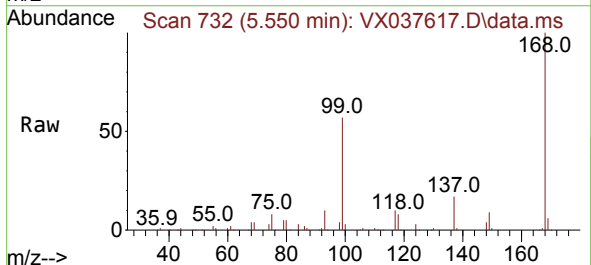
Instrument :
MSVOA_X
ClientSampleId :

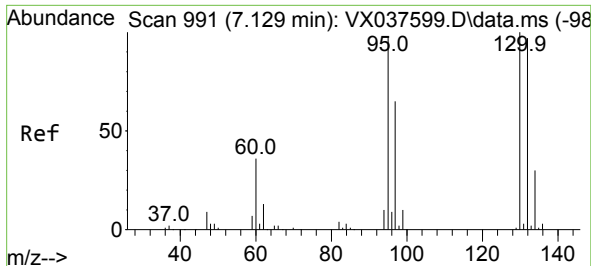
Tgt Ion: 75 Resp: 8816
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.344 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

Tgt Ion: 117 Resp: 11923
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#

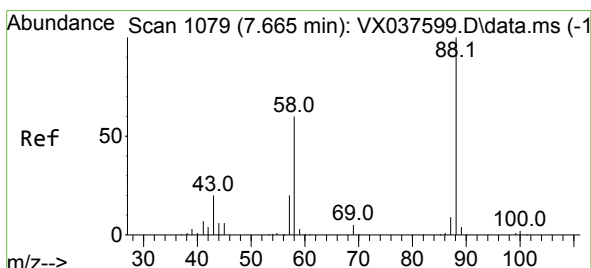
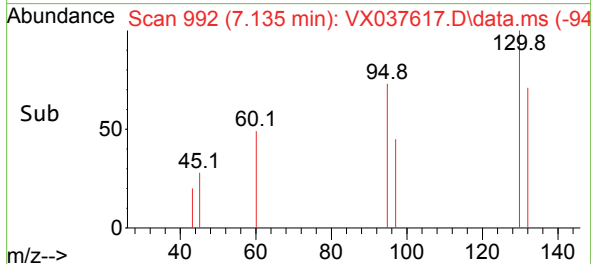
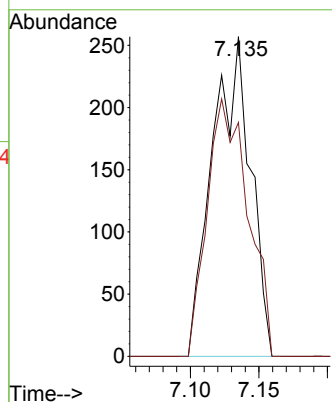
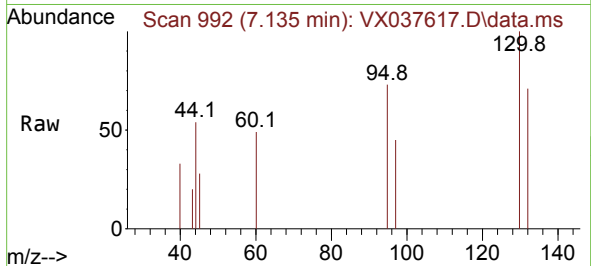




#44
Trichloroethene
Concen: 0.324 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

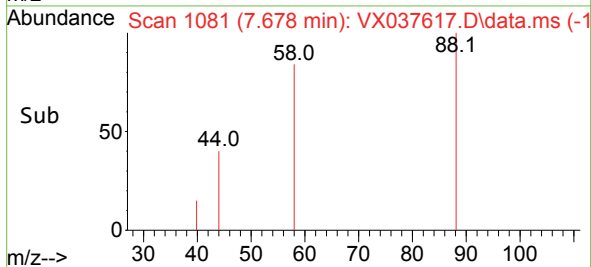
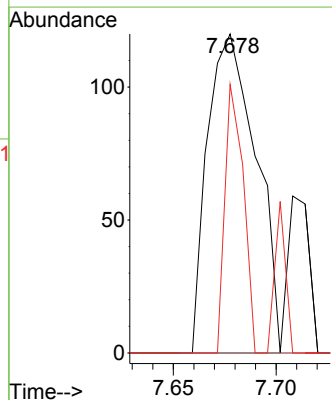
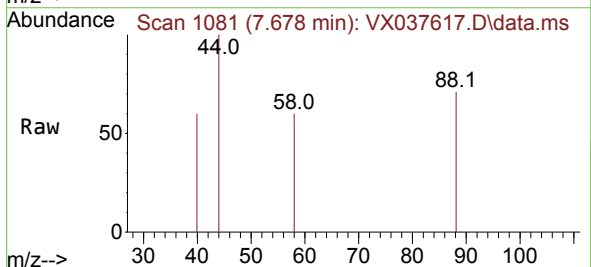
Instrument :
MSVOA_X
ClientSampleId :

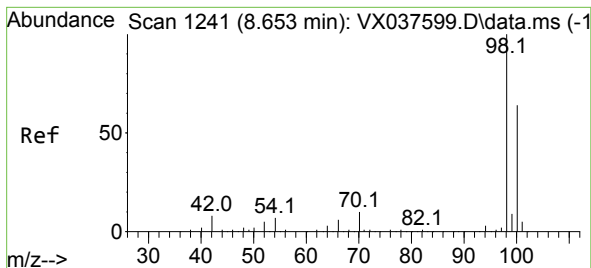
Tgt Ion:130 Resp: 498
Ion Ratio Lower Upper
130 100
95 73.2 0.0 204.4



#49
1,4-Dioxane
Concen: 4.698 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.012 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

Tgt Ion: 88 Resp: 197
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 32.0 60.1 90.1#





#50

Toluene-d8

Concen: 45.405 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX037617.D

Acq: 09 Sep 2023 10:54

Instrument :

MSVOA_X

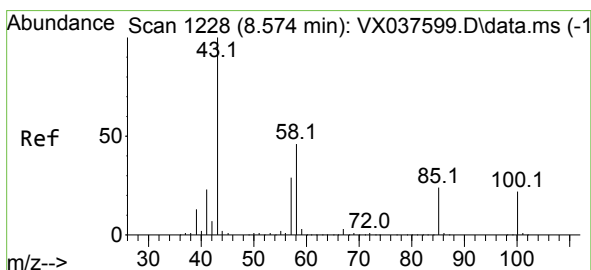
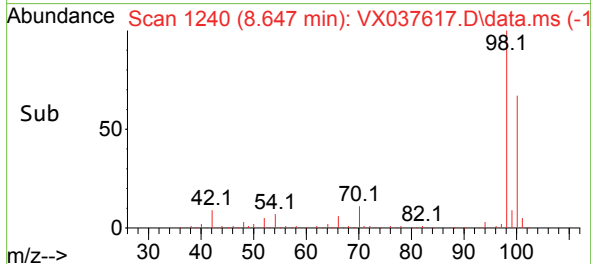
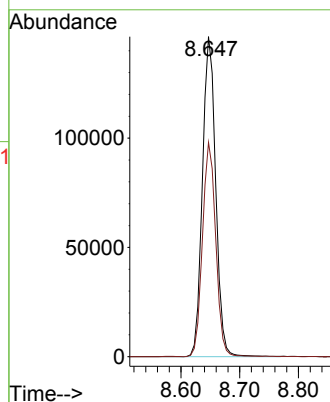
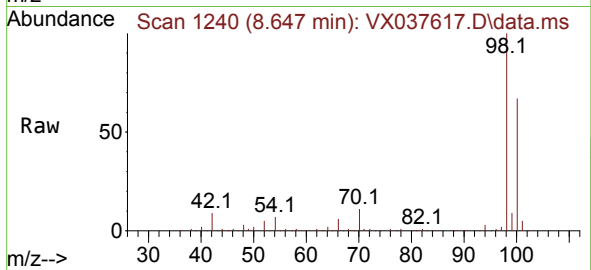
ClientSampleId :

Tgt Ion: 98 Resp: 229231

Ion Ratio Lower Upper

98 100

100 67.0 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.698 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX037617.D

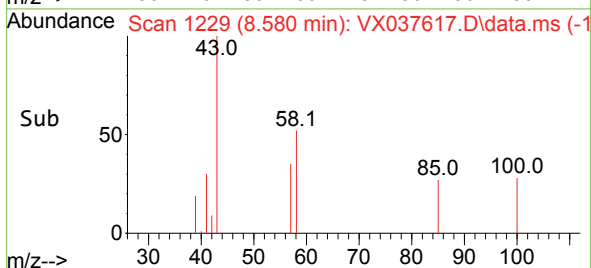
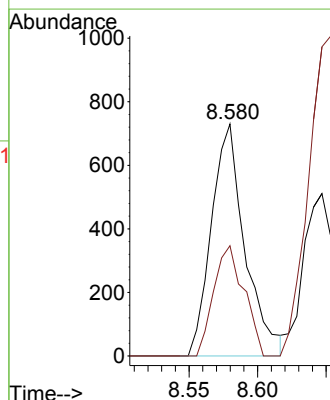
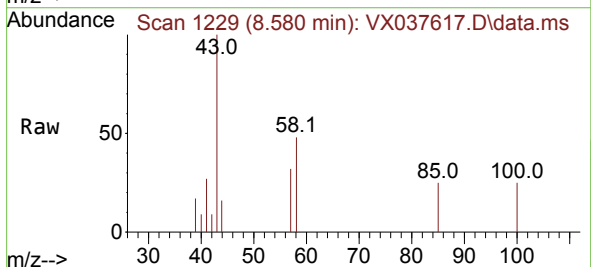
Acq: 09 Sep 2023 10:54

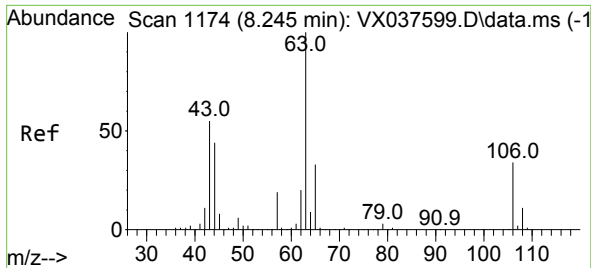
Tgt Ion: 43 Resp: 1240

Ion Ratio Lower Upper

43 100

58 43.1 30.4 45.6

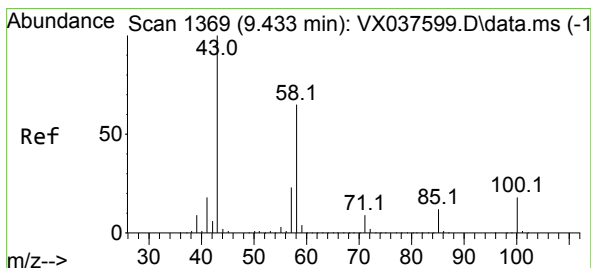
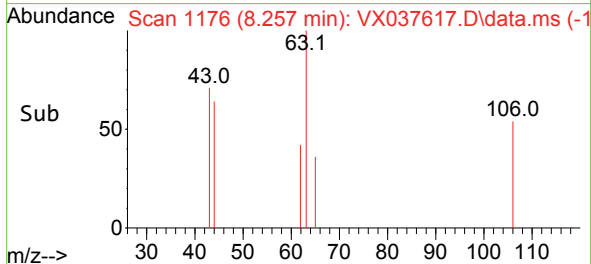
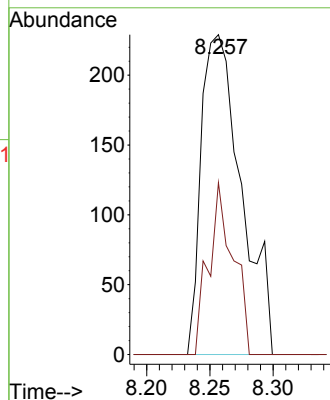
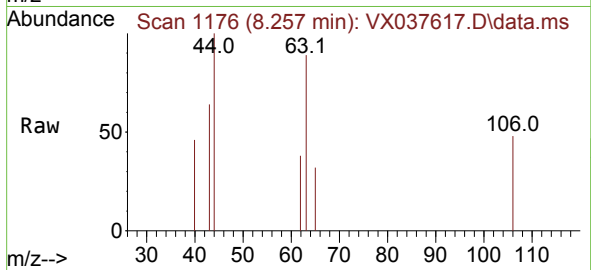




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.453 ug/l
 RT: 8.257 min Scan# 1176
 Delta R.T. 0.012 min
 Lab File: VX037617.D
 Acq: 09 Sep 2023 10:54

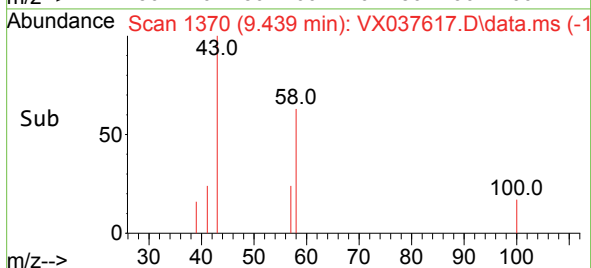
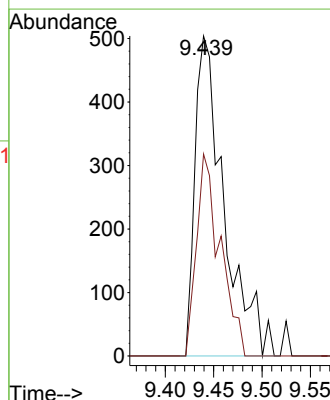
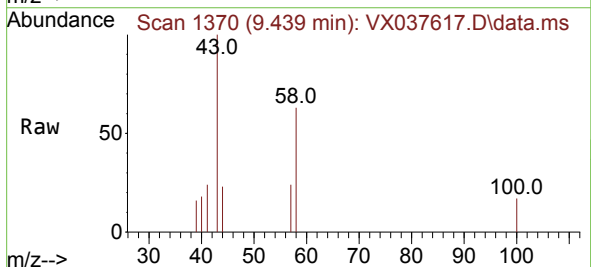
Instrument :
 MSVOA_X
 ClientSampleId :

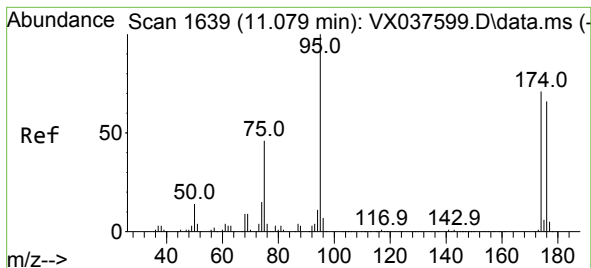
Tgt Ion: 63 Resp: 505
 Ion Ratio Lower Upper
 63 100
 106 32.9 22.5 33.7



#59
 2-Hexanone
 Concen: 0.780 ug/l
 RT: 9.439 min Scan# 1370
 Delta R.T. 0.006 min
 Lab File: VX037617.D
 Acq: 09 Sep 2023 10:54

Tgt Ion: 43 Resp: 1057
 Ion Ratio Lower Upper
 43 100
 58 51.3 26.2 78.5

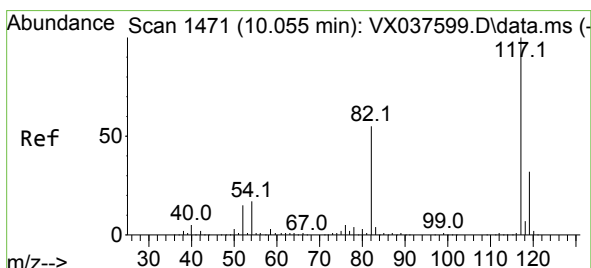
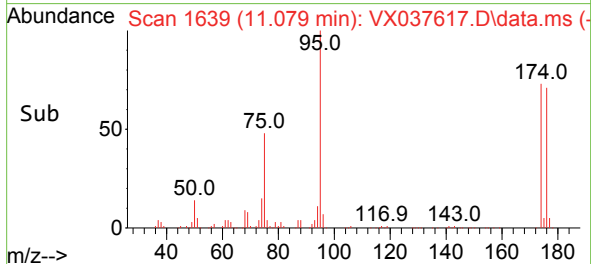
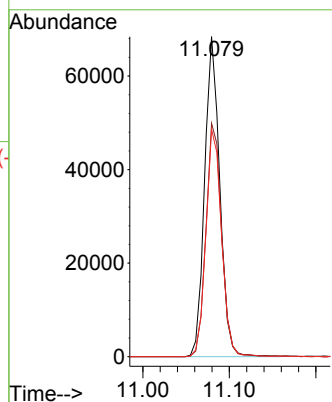
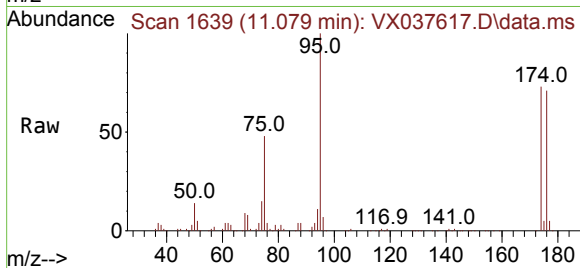




#62
4-Bromofluorobenzene
Concen: 43.659 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

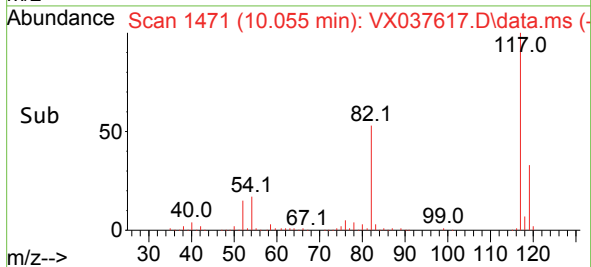
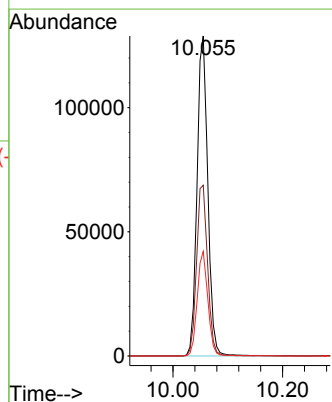
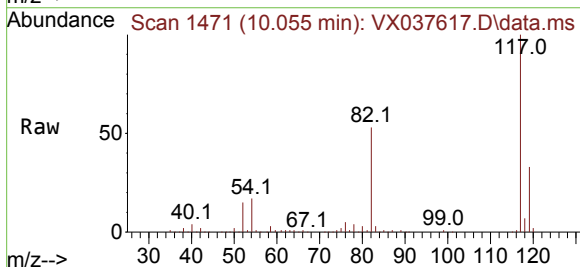
Instrument :
MSVOA_X
ClientSampleId :

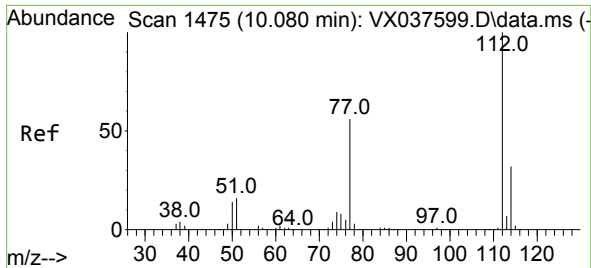
Tgt Ion:	95	Resp:	83073
Ion Ratio	Lower	Upper	
95	100		
174	75.7	0.0	135.6
176	73.4	0.0	131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

Tgt Ion:	117	Resp:	176758
Ion Ratio	Lower	Upper	
117	100		
82	53.3	46.2	69.4
119	32.7	25.5	38.3

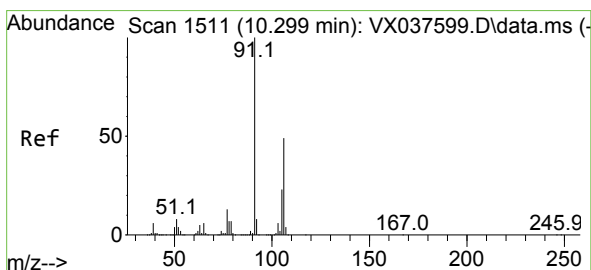
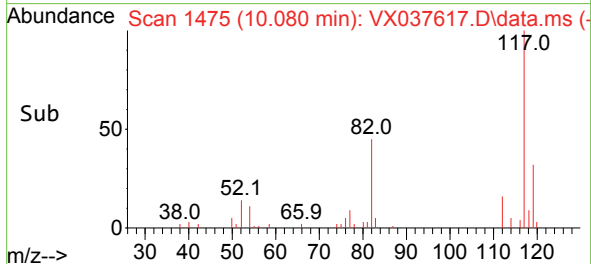
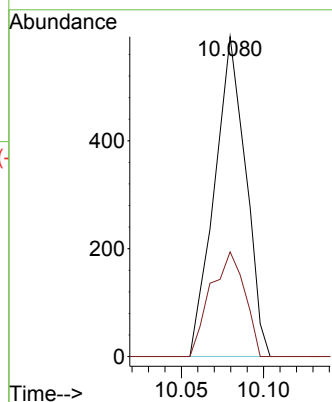
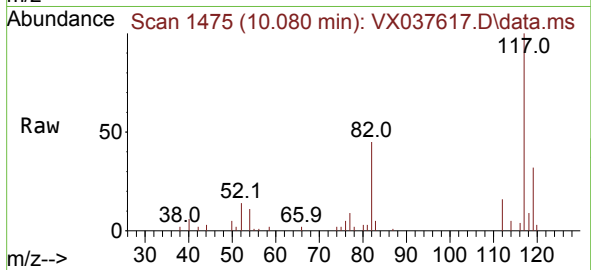




#65
Chlorobenzene
Concen: 0.201 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

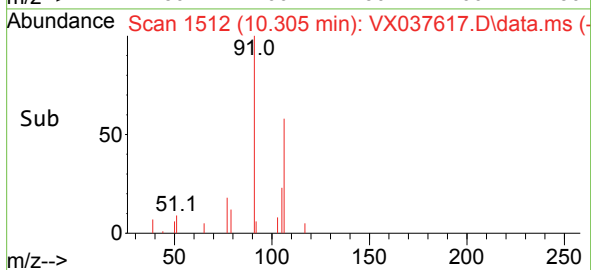
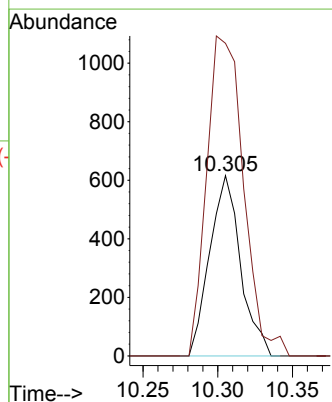
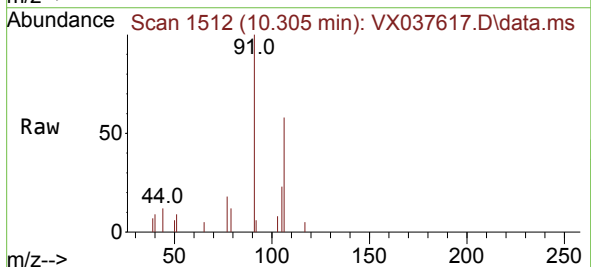
Instrument :
MSVOA_X
ClientSampleId :

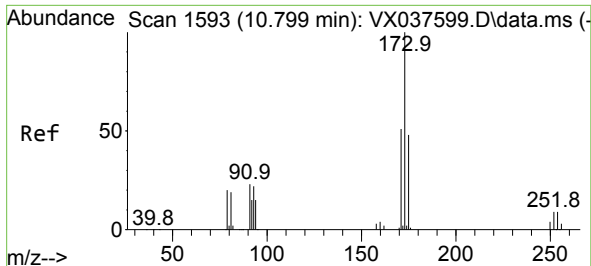
Tgt Ion:112 Resp: 782
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



#68
m/p-Xylenes
Concen: 0.340 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

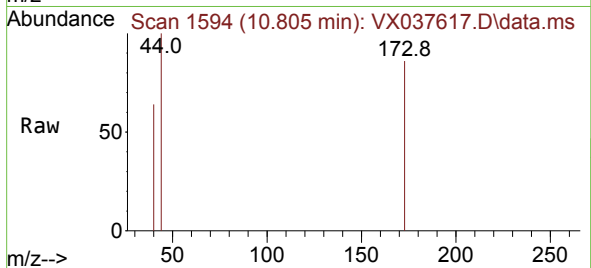
Tgt Ion:106 Resp: 884
Ion Ratio Lower Upper
106 100
91 211.3 165.5 248.3



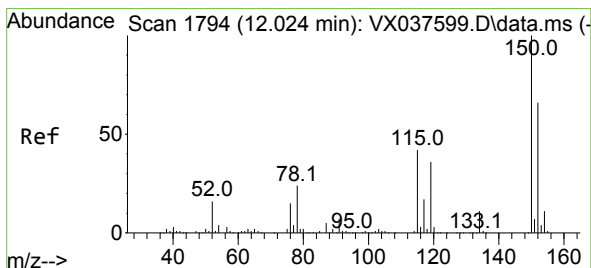
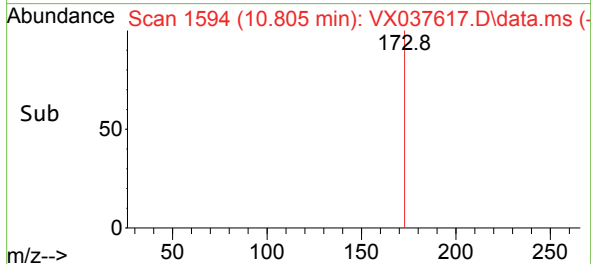
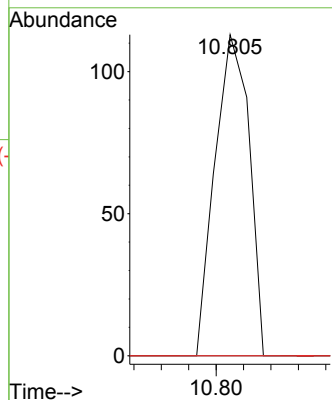


#71
Bromoform
Concen: 0.235 ug/l
RT: 10.805 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

Instrument :
MSVOA_X
ClientSampleId :

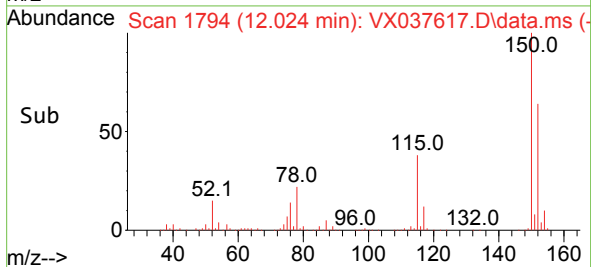
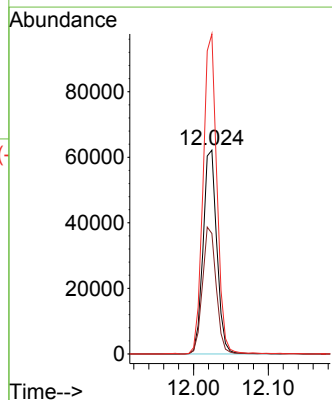
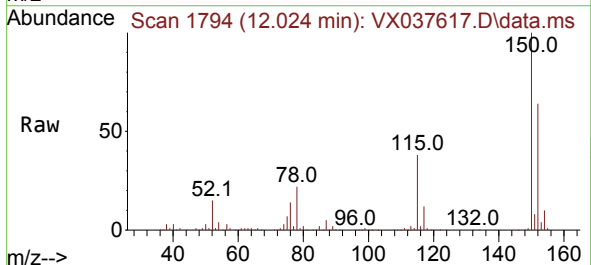


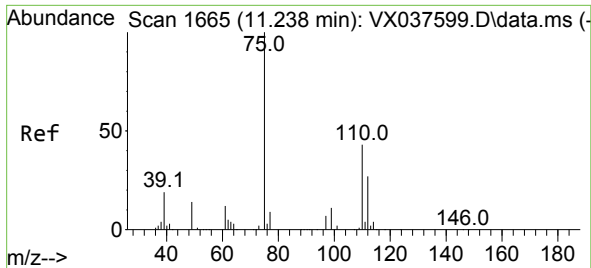
Tgt Ion:173 Resp: 98
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

Tgt Ion:152 Resp: 79431
Ion Ratio Lower Upper
152 100
115 62.1 43.3 129.9
150 157.6 0.0 345.0

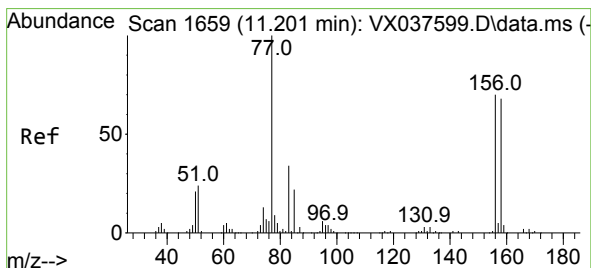
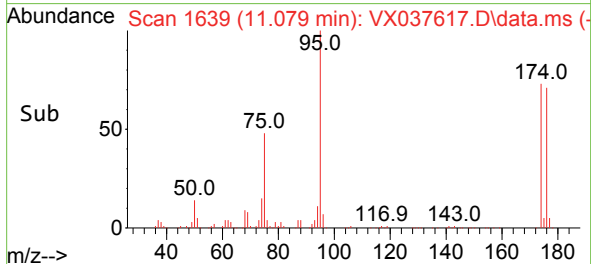
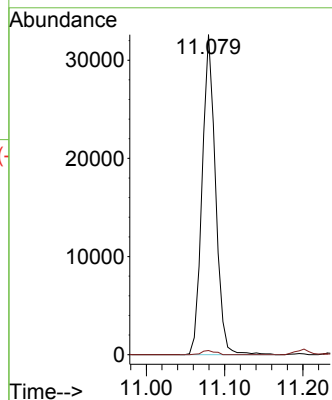
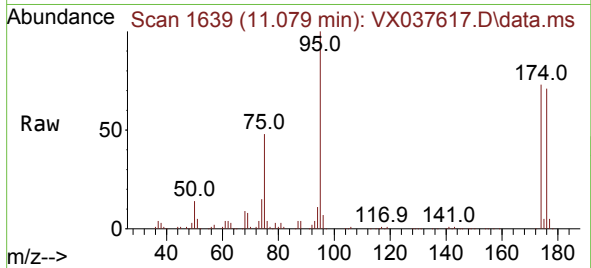




#76
1,2,3-Trichloropropane
Concen: 20.789 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

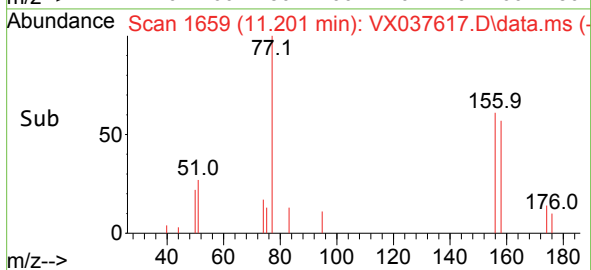
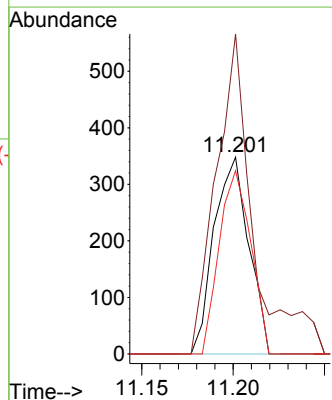
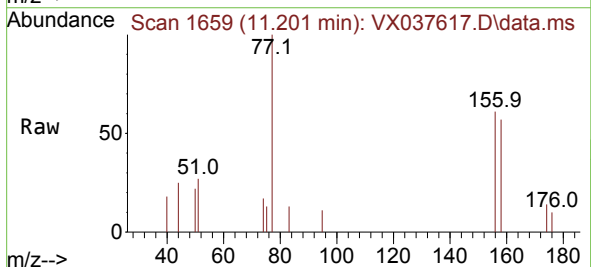
Instrument :
MSVOA_X
ClientSampleId :

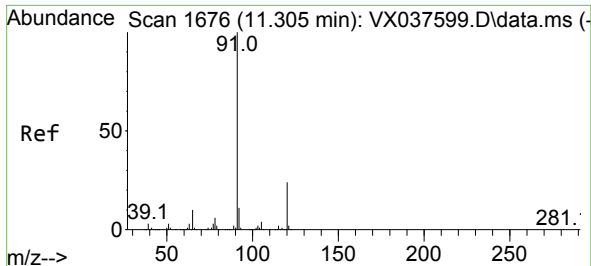
Tgt Ion: 75 Resp: 38656
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#77
Bromobenzene
Concen: 0.311 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

Tgt Ion:156 Resp: 459
Ion Ratio Lower Upper
156 100
77 173.4 88.4 265.3
158 85.2 48.0 144.0

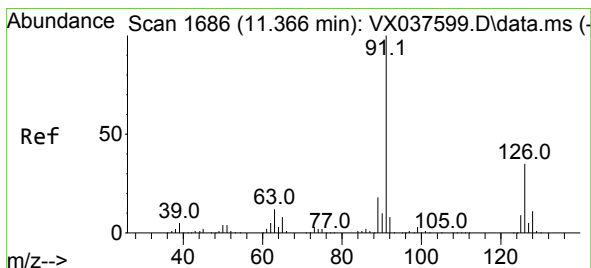
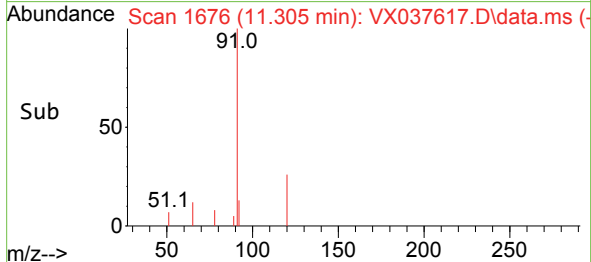
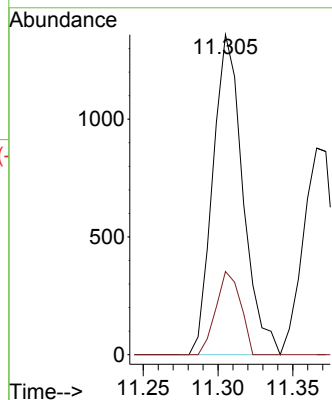
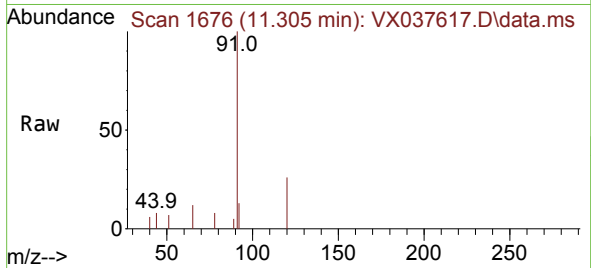




#78
n-propylbenzene
Concen: 0.286 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

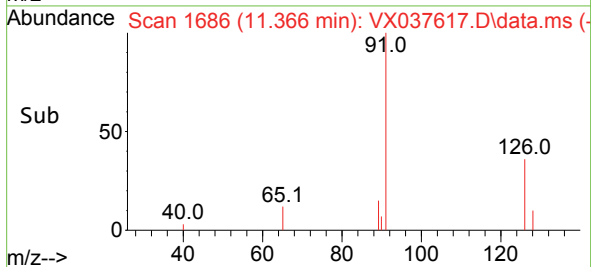
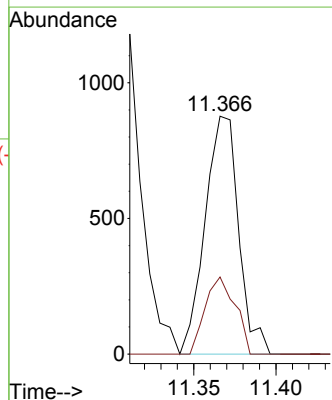
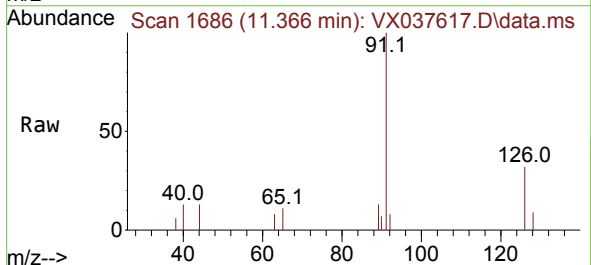
Instrument :
MSVOA_X
ClientSampleId :

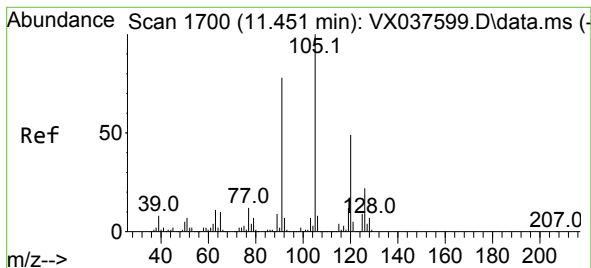
Tgt Ion: 91 Resp: 1899
Ion Ratio Lower Upper
91 100
120 21.3 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.296 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

Tgt Ion: 91 Resp: 1246
Ion Ratio Lower Upper
91 100
126 29.1 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.259 ug/l

RT: 11.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037617.D

Acq: 09 Sep 2023 10:54

Instrument :

MSVOA_X

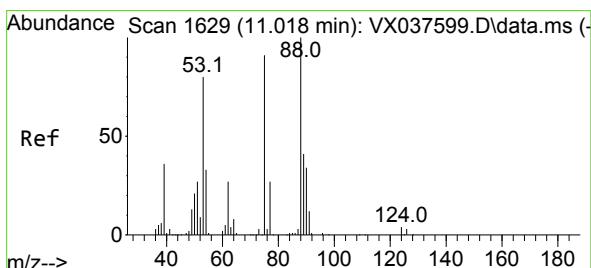
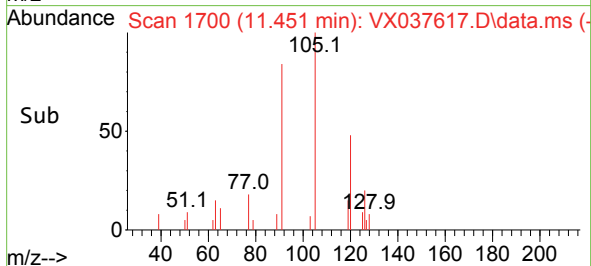
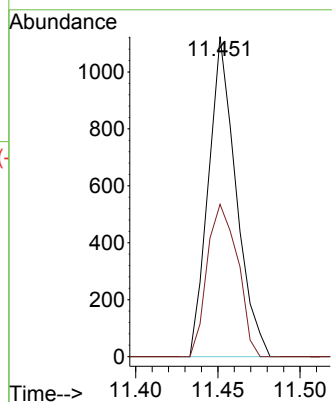
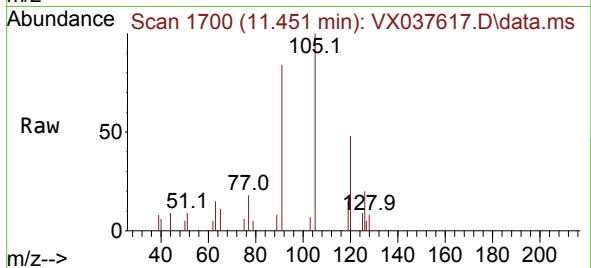
ClientSampleId :

Tgt Ion:105 Resp: 1312

Ion Ratio Lower Upper

105 100

120 52.4 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 62.296 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037617.D

Acq: 09 Sep 2023 10:54

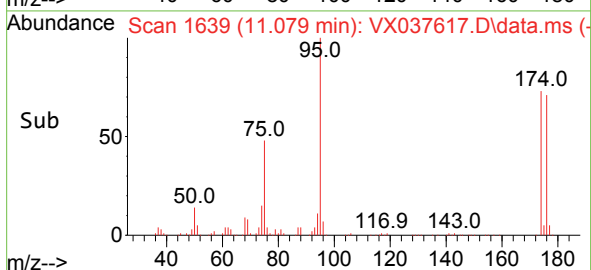
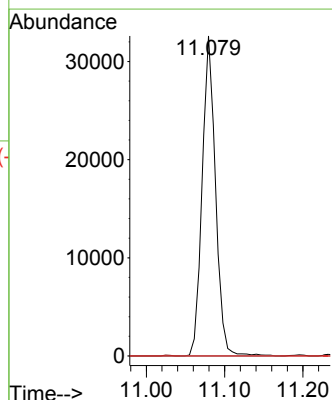
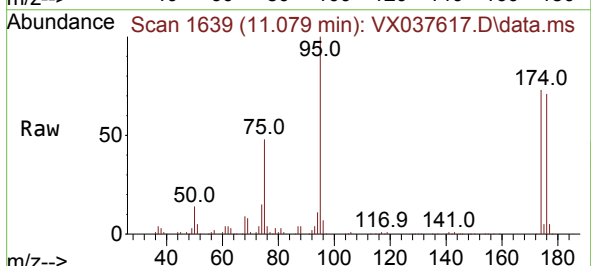
Tgt Ion: 75 Resp: 38656

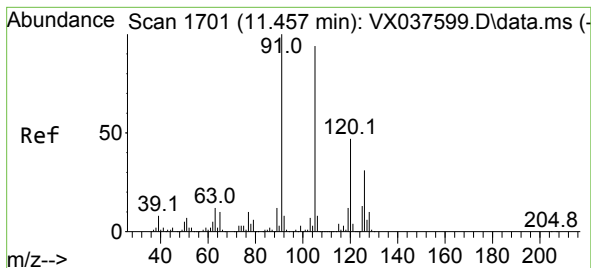
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

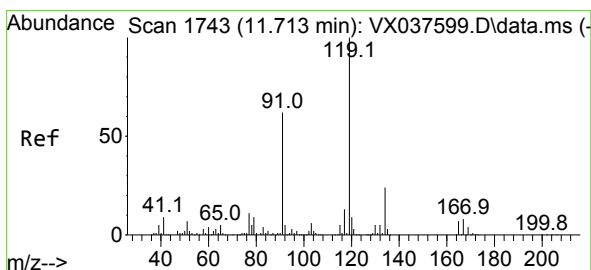
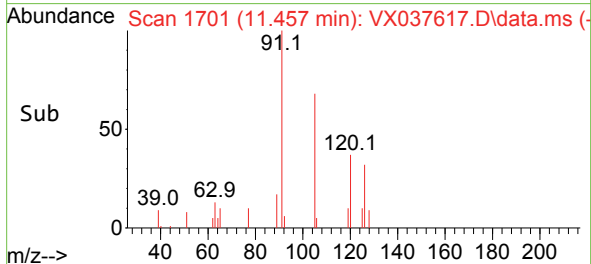
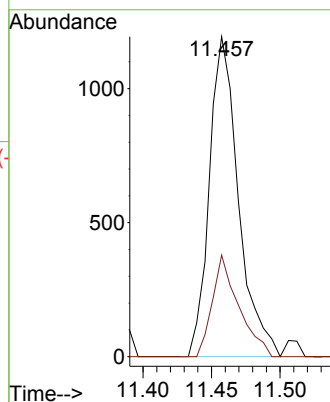
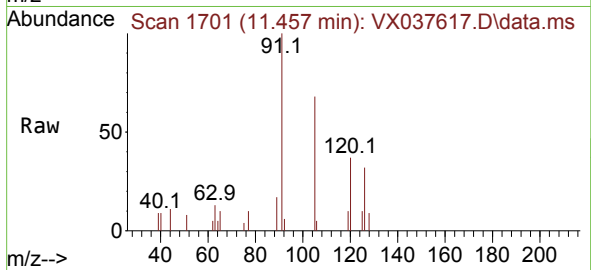




#82
4-Chlorotoluene
Concen: 0.370 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

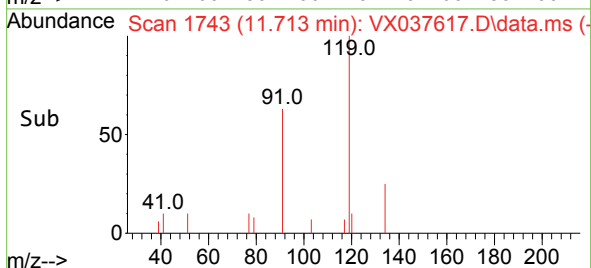
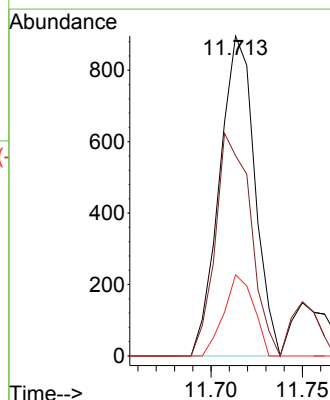
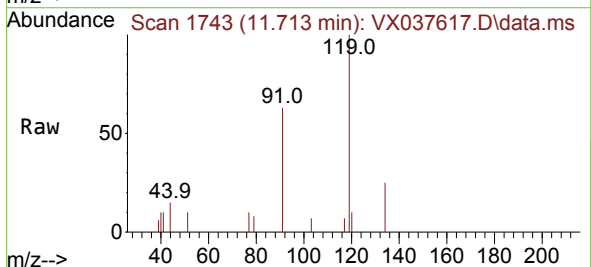
Instrument :
MSVOA_X
ClientSampleId :

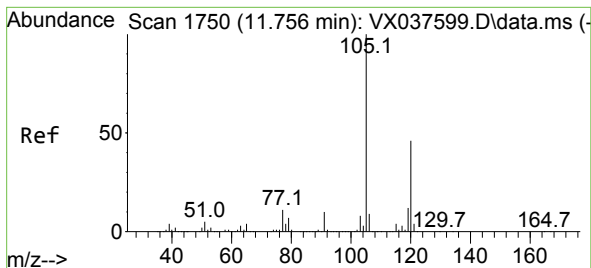
Tgt Ion: 91 Resp: 1761
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6



#83
tert-Butylbenzene
Concen: 0.235 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

Tgt Ion: 119 Resp: 1200
Ion Ratio Lower Upper
119 100
91 69.9 31.2 93.6
134 21.4 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 0.300 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX037617.D

Acq: 09 Sep 2023 10:54

Instrument :

MSVOA_X

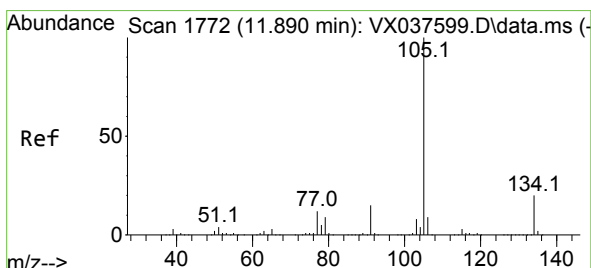
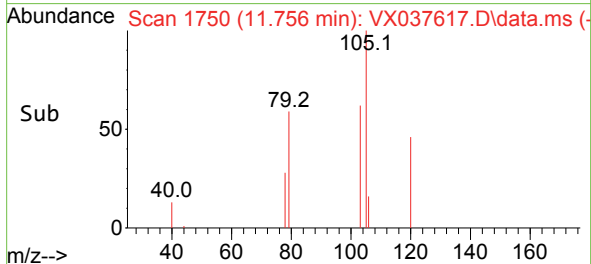
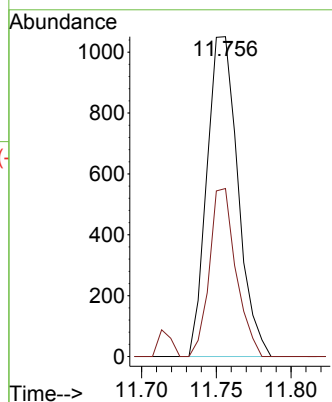
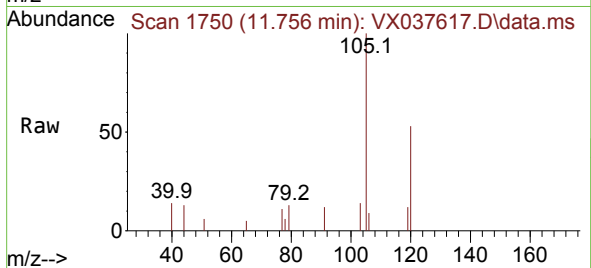
ClientSampleId :

Tgt Ion:105 Resp: 1516

Ion Ratio Lower Upper

105 100

120 45.1 21.2 63.6



#85

sec-Butylbenzene

Concen: 0.277 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX037617.D

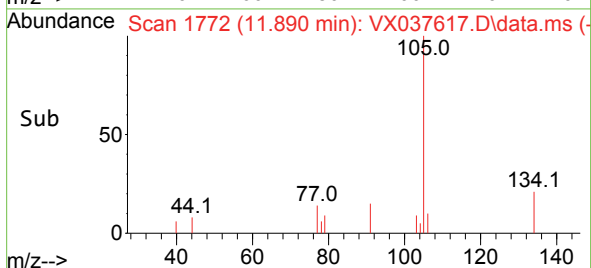
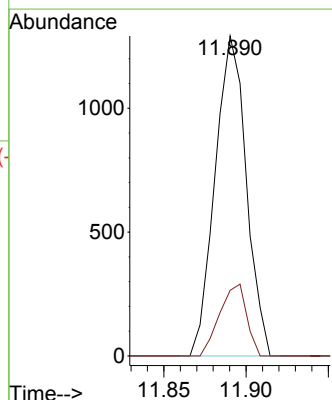
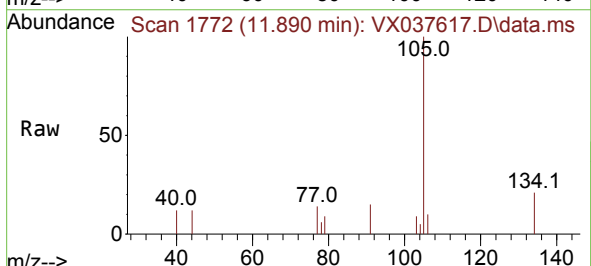
Acq: 09 Sep 2023 10:54

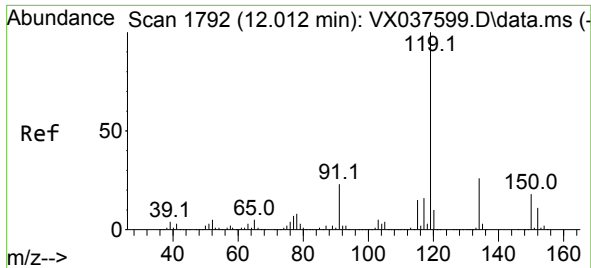
Tgt Ion:105 Resp: 1705

Ion Ratio Lower Upper

105 100

134 19.2 9.8 29.4

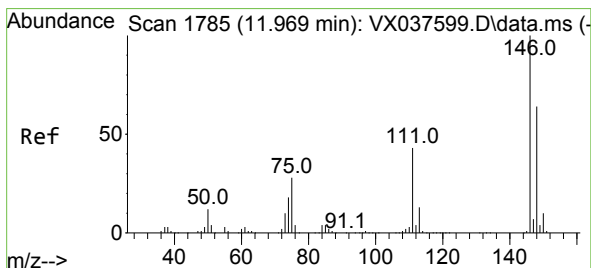
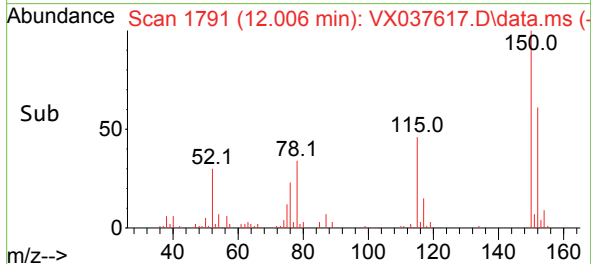
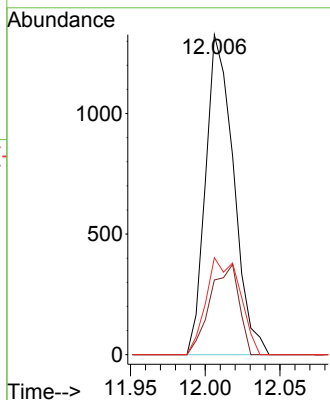
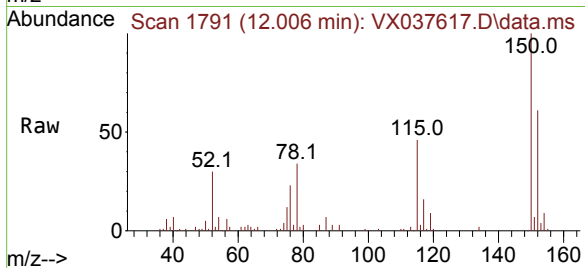




#86
p-Isopropyltoluene
Concen: 0.331 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

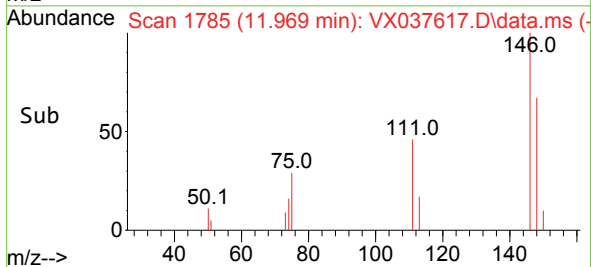
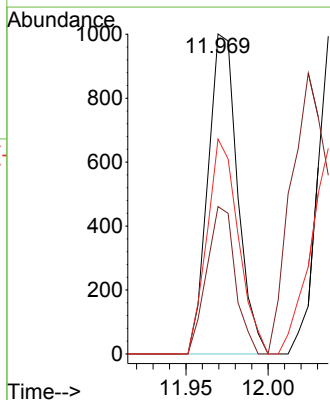
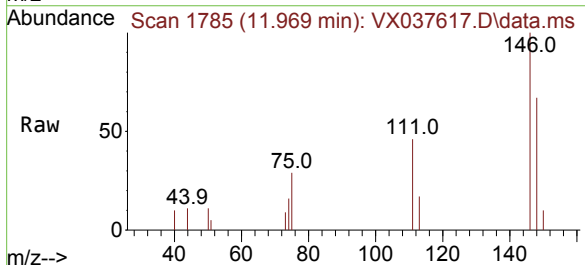
Instrument :
MSVOA_X
ClientSampleId :

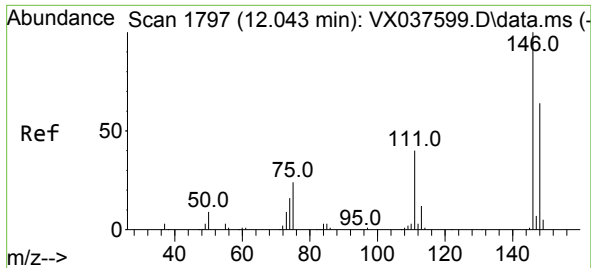
Tgt Ion:119 Resp: 1724
Ion Ratio Lower Upper
119 100
134 29.0 12.8 38.3
91 36.7 13.1 39.3



#87
1,3-Dichlorobenzene
Concen: 0.446 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

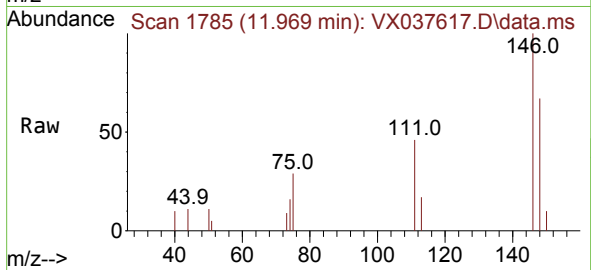
Tgt Ion:146 Resp: 1253
Ion Ratio Lower Upper
146 100
111 44.5 22.1 66.1
148 71.3 31.8 95.3



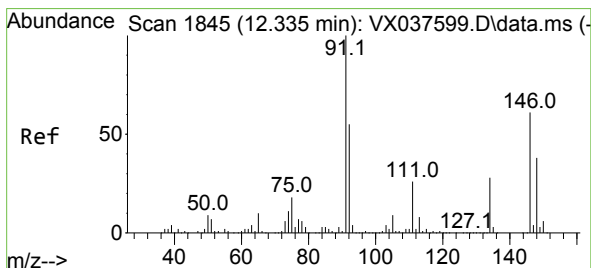
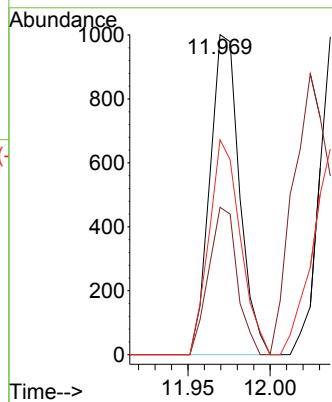
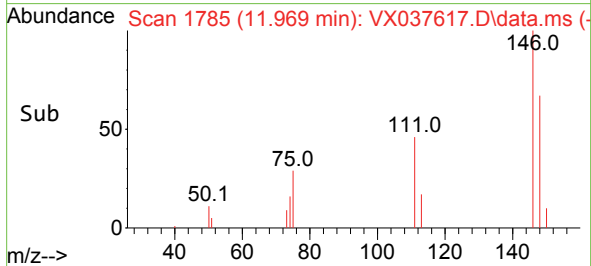


#88
1,4-Dichlorobenzene
Concen: 0.438 ug/l
RT: 11.969 min Scan# 1797
Delta R.T. -0.073 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

Instrument :
MSVOA_X
ClientSampleId :

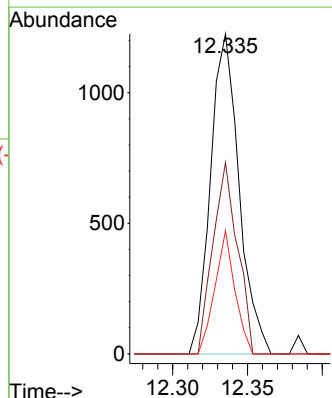
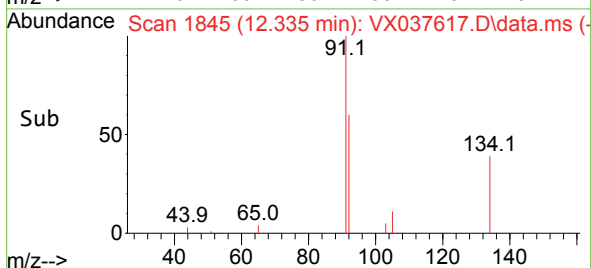
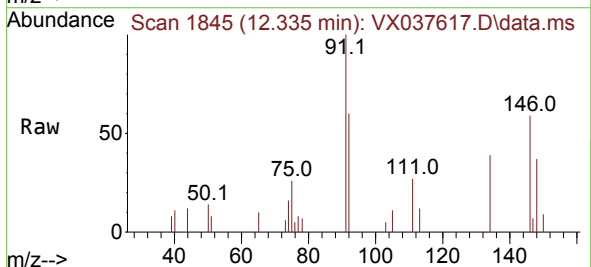


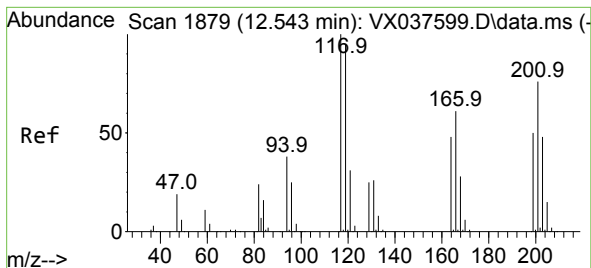
Tgt Ion:146 Resp: 1253
Ion Ratio Lower Upper
146 100
111 44.5 21.3 63.7
148 71.3 31.8 95.4



#89
n-Butylbenzene
Concen: 0.379 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037617.D
Acq: 09 Sep 2023 10:54

Tgt Ion: 91 Resp: 1622
Ion Ratio Lower Upper
91 100
92 51.4 27.4 82.0
134 27.1 12.6 37.8





#90

Hexachloroethane

Concen: 0.296 ug/l

RT: 12.543 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037617.D

Acq: 09 Sep 2023 10:54

Instrument :

MSVOA_X

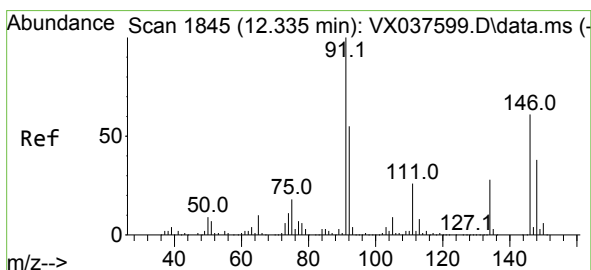
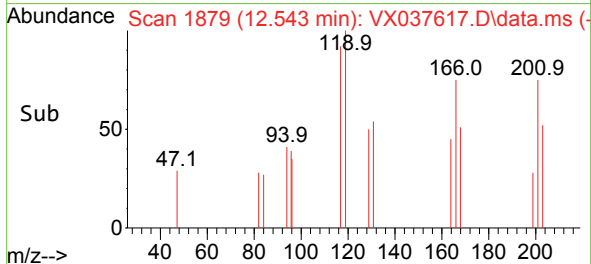
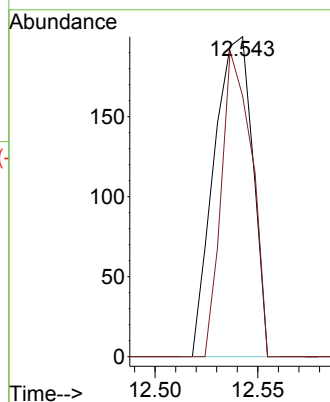
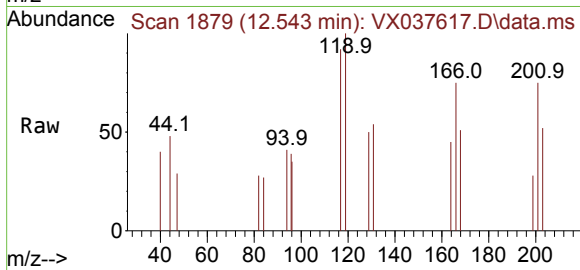
ClientSampleId :

Tgt Ion:117 Resp: 262

Ion Ratio Lower Upper

117 100

201 74.8 32.9 98.6



#91

1,2-Dichlorobenzene

Concen: 0.379 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX037617.D

Acq: 09 Sep 2023 10:54

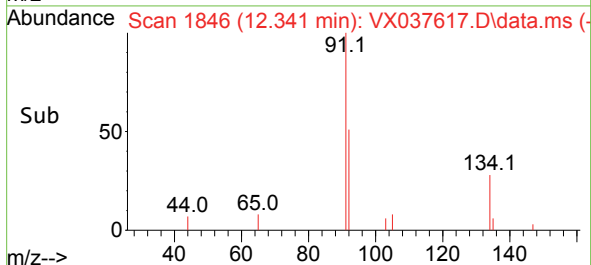
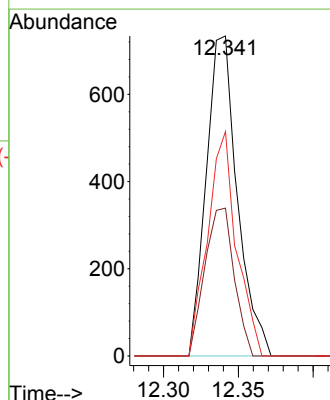
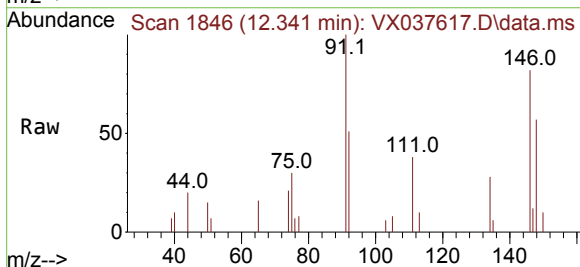
Tgt Ion:146 Resp: 1062

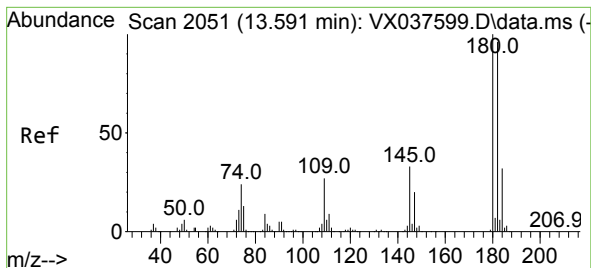
Ion Ratio Lower Upper

146 100

111 43.6 22.4 67.0

148 65.0 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 0.874 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX037617.D

Acq: 09 Sep 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

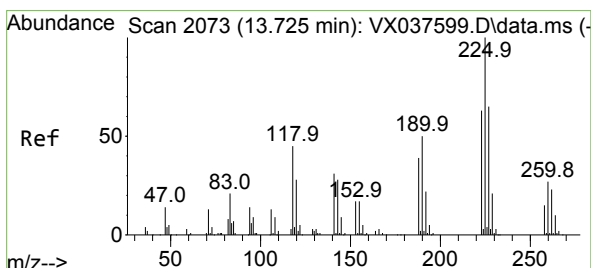
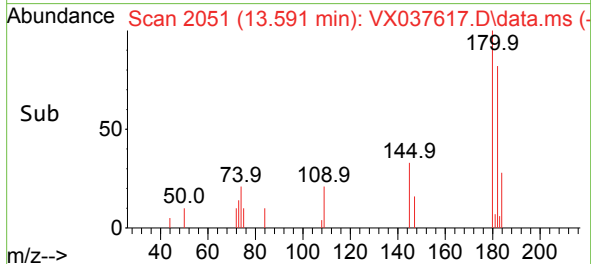
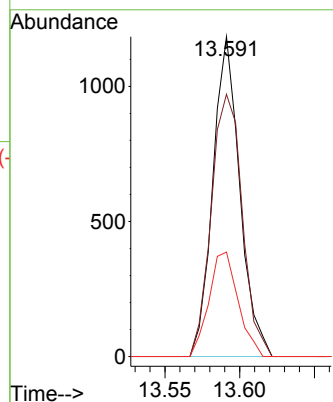
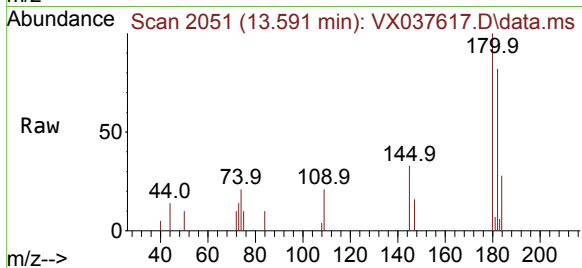
Tgt Ion:180 Resp: 1480

Ion Ratio Lower Upper

180 100

182 94.1 48.3 144.8

145 35.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.645 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX037617.D

Acq: 09 Sep 2023 10:54

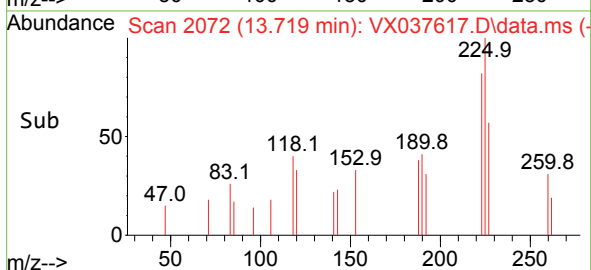
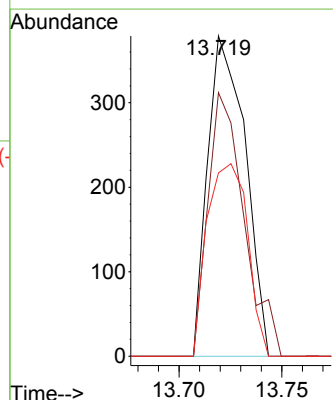
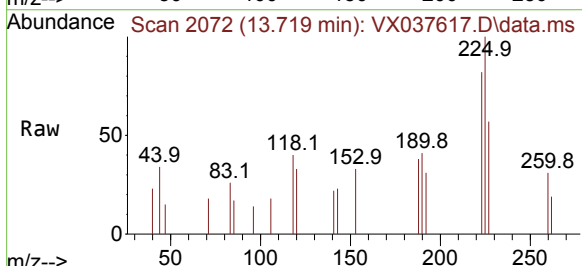
Tgt Ion:225 Resp: 482

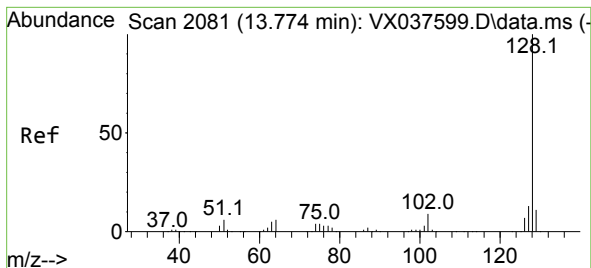
Ion Ratio Lower Upper

225 100

223 79.0 31.1 93.2

227 64.7 32.5 97.5





#95

Naphthalene

Concen: 0.654 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX037617.D

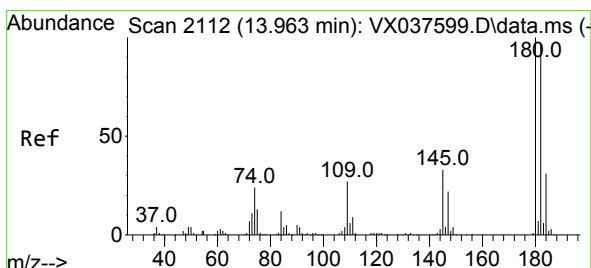
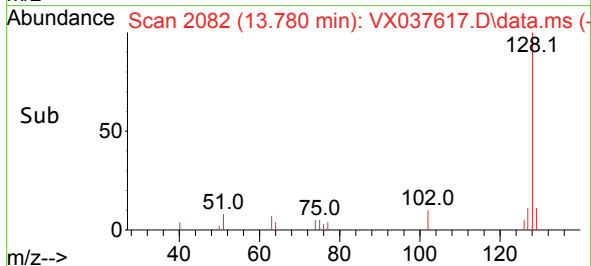
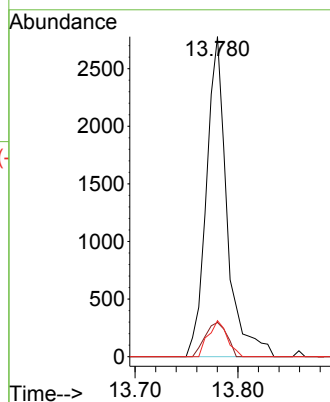
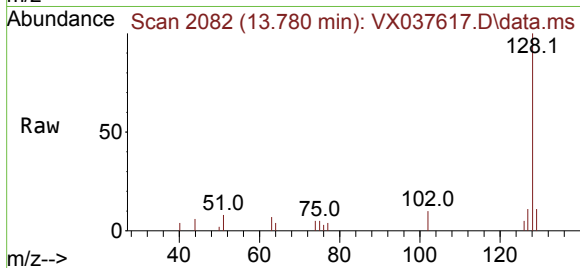
Acq: 09 Sep 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:128	Resp:	3865
Ion Ratio	Lower	Upper
128	100	
127	11.3	10.3 15.5
129	10.3	8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.953 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX037617.D

Acq: 09 Sep 2023 10:54

Tgt Ion:180	Resp:	1667
Ion Ratio	Lower	Upper
180	100	
182	98.1	46.9 140.6
145	36.2	17.8 53.5

