

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092524\
 Data File : VX043138.D
 Acq On : 25 Sep 2024 09:21
 Operator : JC/MD
 Sample : VX0925WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 26 01:28:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

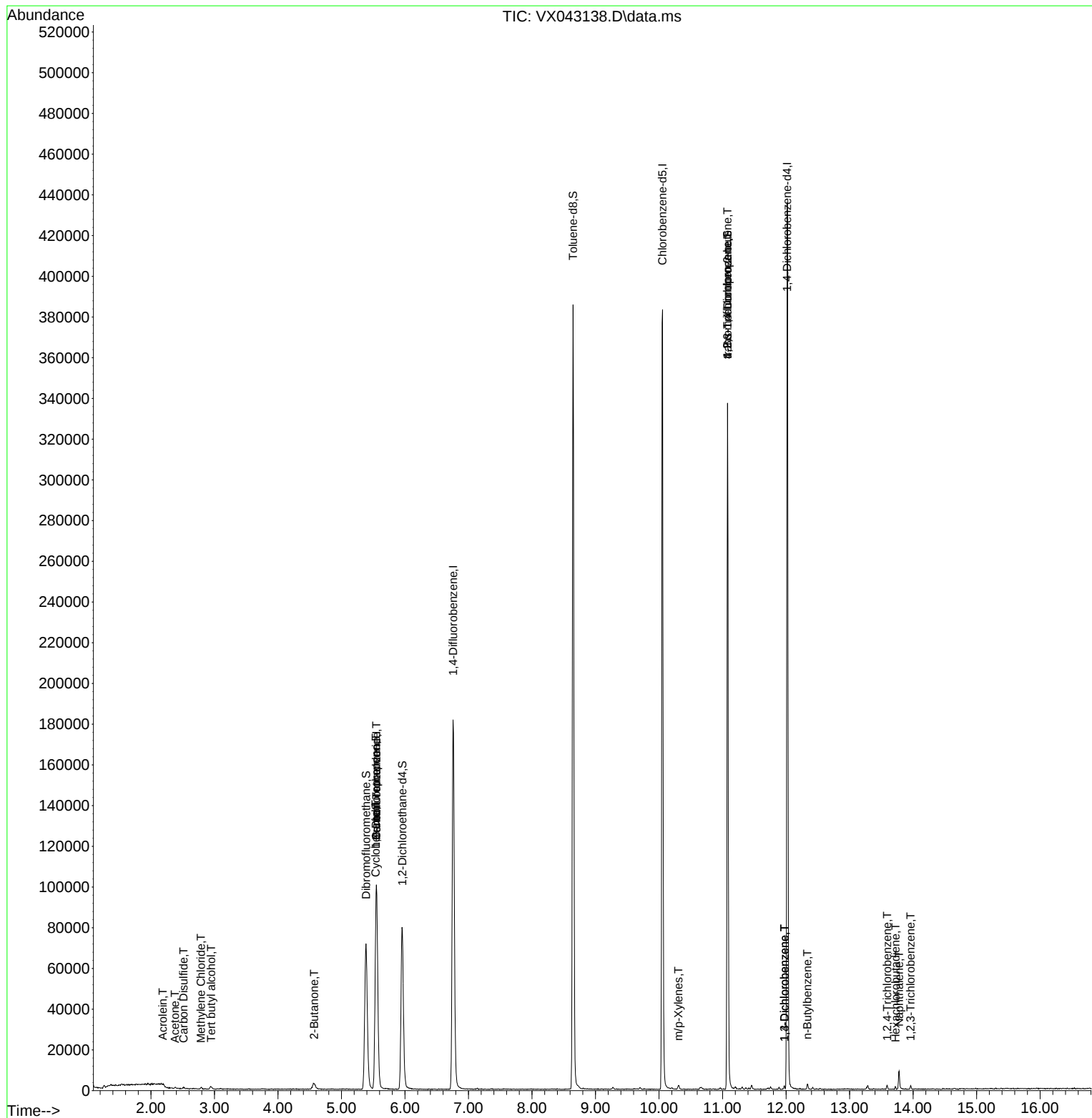
Internal Standards						
1) Pentafluorobenzene	5.550	168	91571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	182684	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	88453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82155	54.012	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.020%
35) Dibromofluoromethane	5.385	113	62498	48.496	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.000%
50) Toluene-d8	8.647	98	221363	50.771	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.540%
62) 4-Bromofluorobenzene	11.079	95	91013	51.835	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.660%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	526	1.549	ug/l #	71
13) Acrolein	2.185	56	88	1.967	ug/l #	1
16) Acetone	2.380	43	915	1.286	ug/l	93
17) Carbon Disulfide	2.514	76	730	0.303	ug/l #	75
20) Methylene Chloride	2.788	84	366	0.323	ug/l #	58
25) 2-Butanone	4.568	43	297	0.324	ug/l #	49
31) Cyclohexane	5.538	56	2336	1.562	ug/l #	40
36) 1,1-Dichloropropene	5.544	75	8021	5.065	ug/l #	49
38) Carbon Tetrachloride	5.550	117	10061	4.932	ug/l #	15
68) m/p-Xylenes	10.305	106	615	0.258	ug/l	80
76) 1,2,3-Trichloropropane	11.079	75	49812	26.488	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	49812	63.109	ug/l #	7
87) 1,3-Dichlorobenzene	11.975	146	610	0.210	ug/l	91
88) 1,4-Dichlorobenzene	11.975	146	610	0.209	ug/l	92
89) n-Butylbenzene	12.335	91	1084	0.216	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	596	0.336	ug/l	97
94) Hexachlorobutadiene	13.725	225	226	0.303	ug/l	92
95) Naphthalene	13.780	128	6748	1.095	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	566	0.321	ug/l	96

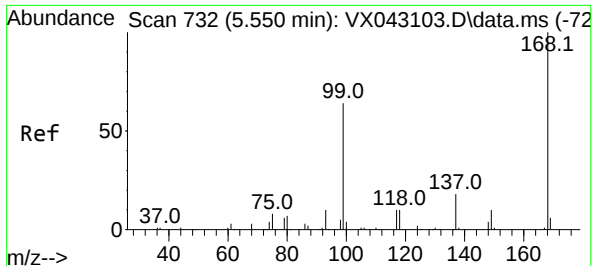
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

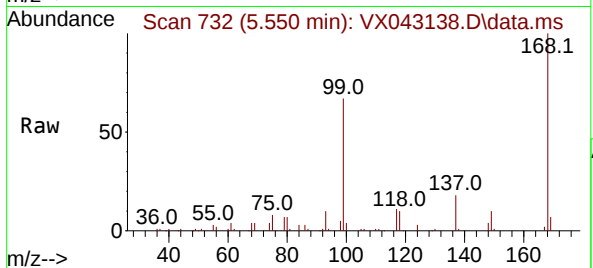
Quant Time: Sep 26 01:28:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration



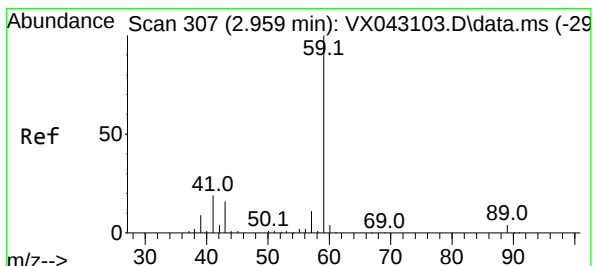
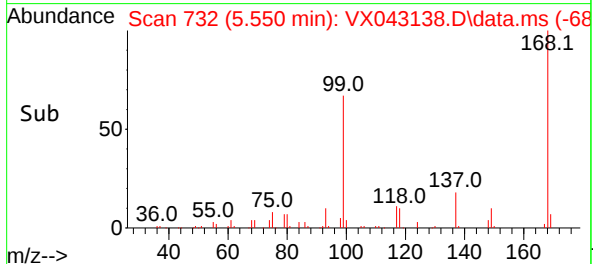
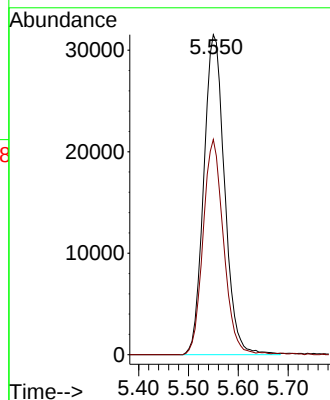


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043138.D
Acq: 25 Sep 2024 09:21

Instrument :
MSVOA_X
ClientSampleId :

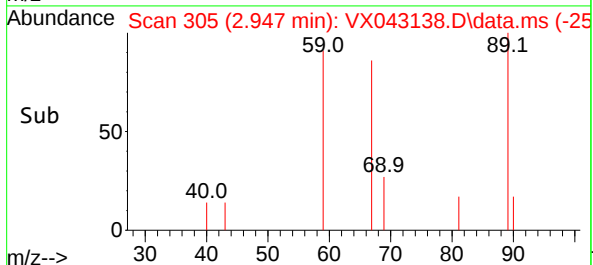
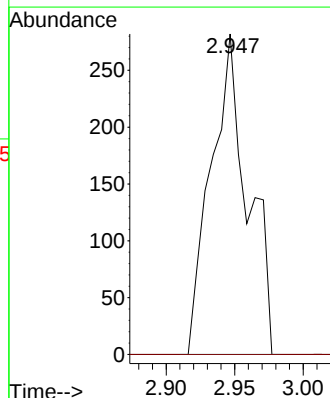
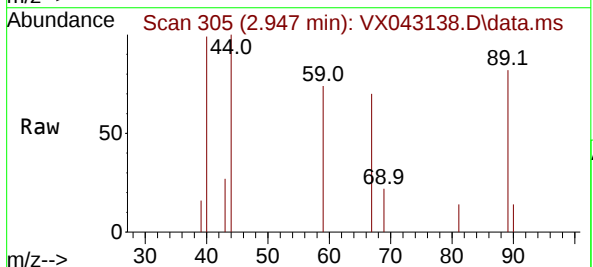


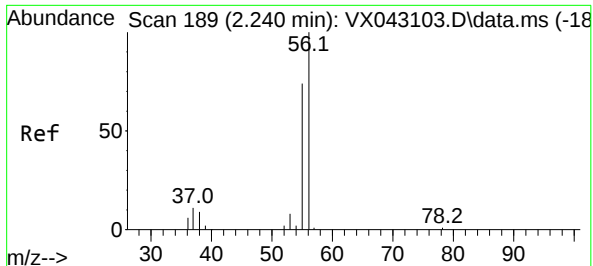
Tgt Ion:168 Resp: 91571
Ion Ratio Lower Upper
168 100
99 67.3 50.8 76.2



#11
Tert butyl alcohol
Concen: 1.549 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX043138.D
Acq: 25 Sep 2024 09:21

Tgt Ion: 59 Resp: 526
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

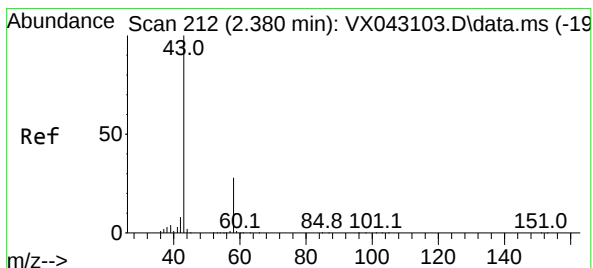
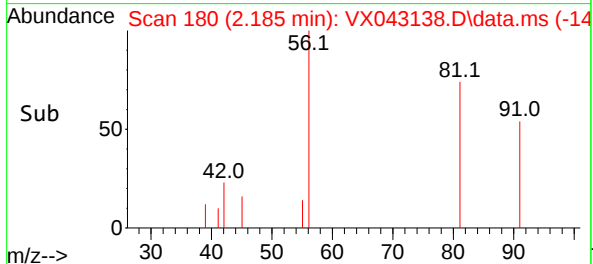
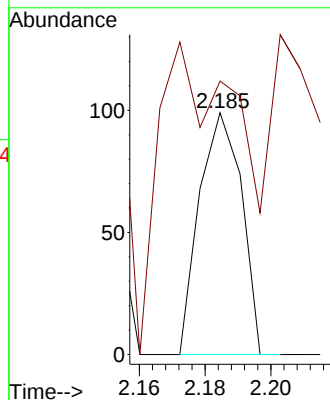
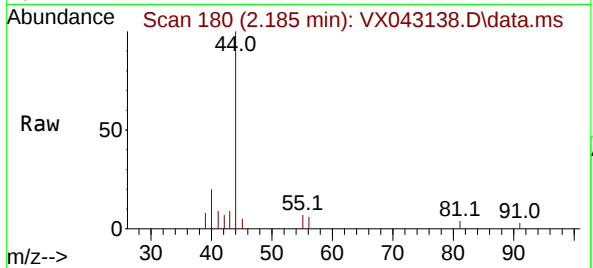




#13
Acrolein
Concen: 1.967 ug/l
RT: 2.185 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX043138.D
Acq: 25 Sep 2024 09:21

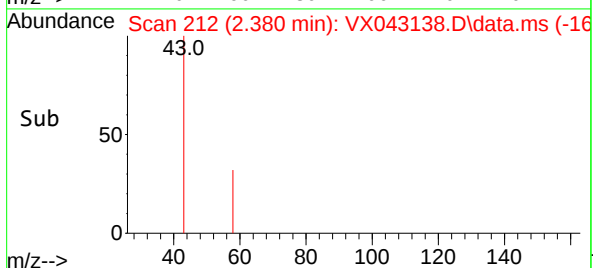
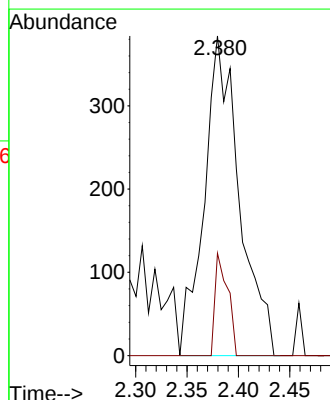
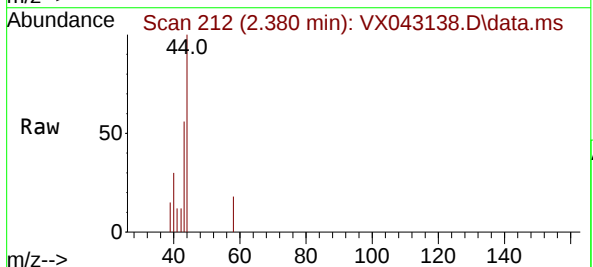
Instrument :
MSVOA_X
ClientSampleId :

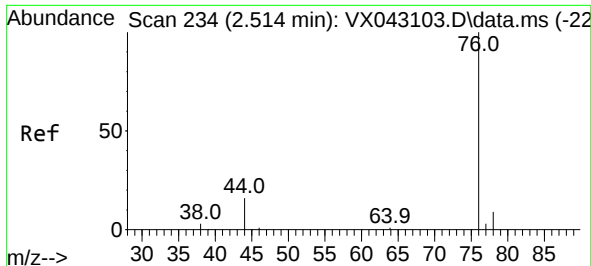
Tgt Ion: 56 Resp: 88
Ion Ratio Lower Upper
56 100
55 248.9 55.8 83.6#



#16
Acetone
Concen: 1.286 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX043138.D
Acq: 25 Sep 2024 09:21

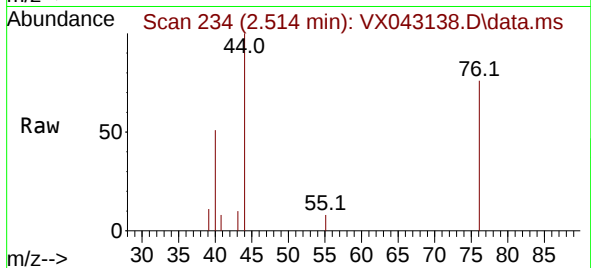
Tgt Ion: 43 Resp: 915
Ion Ratio Lower Upper
43 100
58 32.0 22.6 34.0



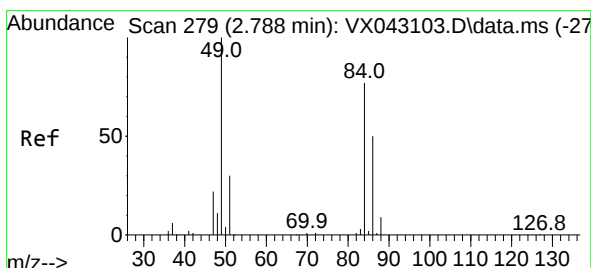
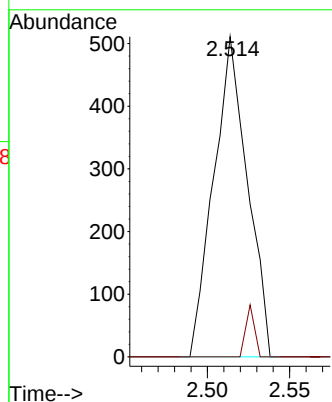
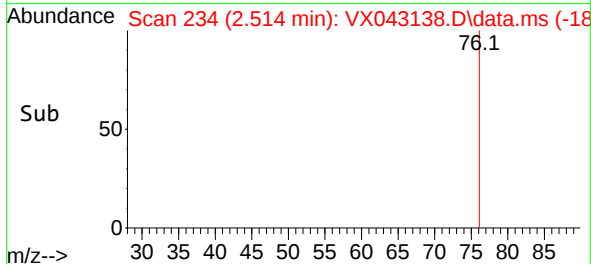


#17
Carbon Disulfide
Concen: 0.303 ug/l
RT: 2.514 min Scan# 217
Delta R.T. -0.000 min
Lab File: VX043138.D
Acq: 25 Sep 2024 09:21

Instrument :
MSVOA_X
ClientSampleId :

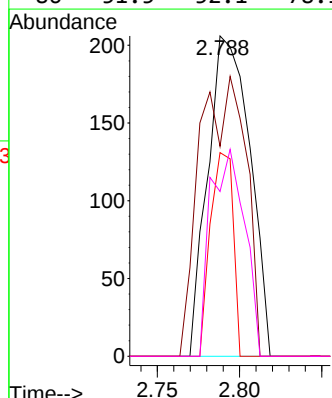
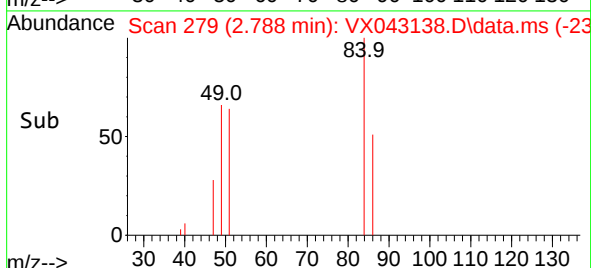
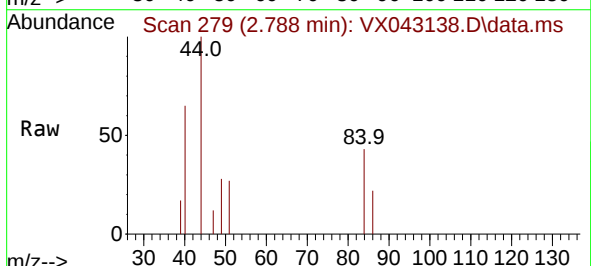


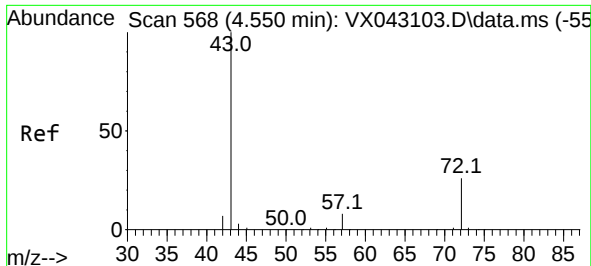
Tgt Ion: 76 Resp: 730
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.323 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043138.D
Acq: 25 Sep 2024 09:21

Tgt Ion: 84 Resp: 366
Ion Ratio Lower Upper
84 100
49 65.5 104.1 156.1#
51 63.6 31.1 46.7#
86 51.5 52.1 78.1#





#25

2-Butanone

Concen: 0.324 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX043138.D

Acq: 25 Sep 2024 09:21

Instrument :

MSVOA_X

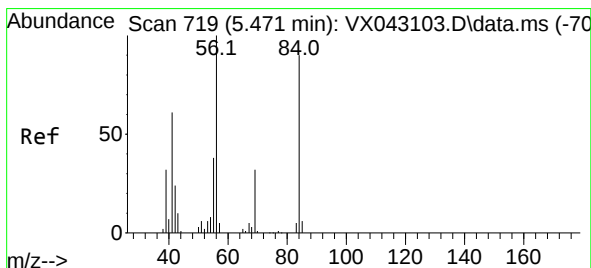
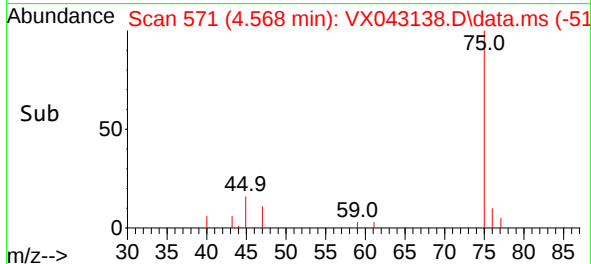
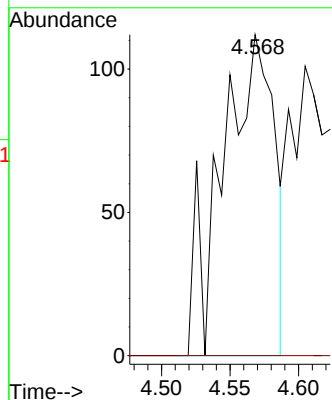
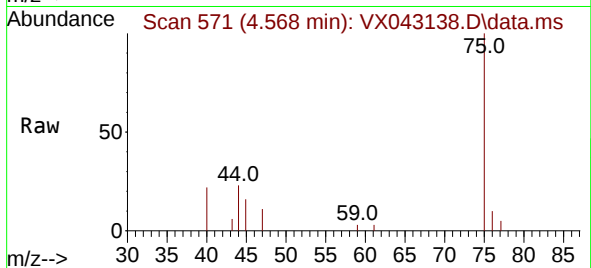
ClientSampleId :

Tgt Ion: 43 Resp: 297

Ion Ratio Lower Upper

43 100

72 0.0 20.7 31.1#



#31

Cyclohexane

Concen: 1.562 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.067 min

Lab File: VX043138.D

Acq: 25 Sep 2024 09:21

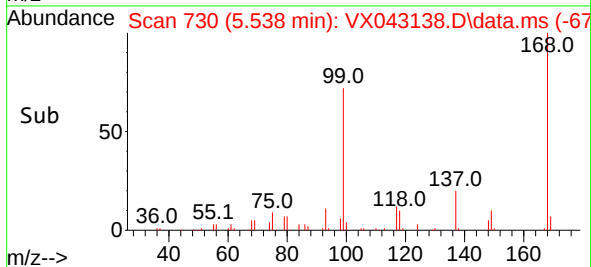
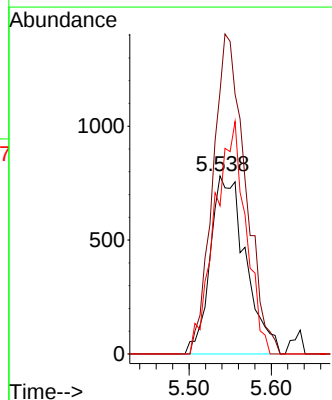
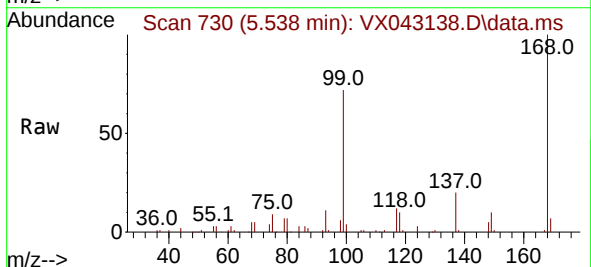
Tgt Ion: 56 Resp: 2336

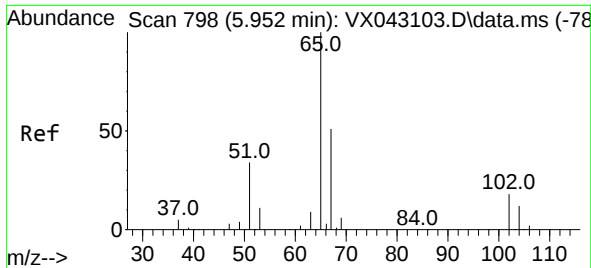
Ion Ratio Lower Upper

56 100

69 147.3 25.8 38.6#

84 83.2 72.4 108.6





#33

1,2-Dichloroethane-d4

Concen: 54.012 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043138.D

Acq: 25 Sep 2024 09:21

Instrument :

MSVOA_X

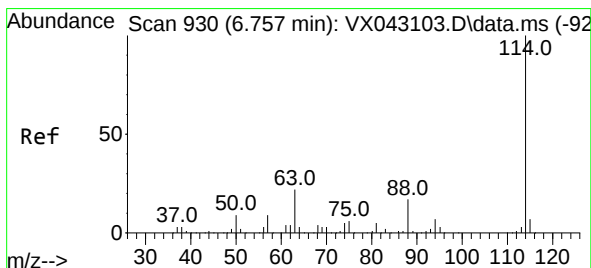
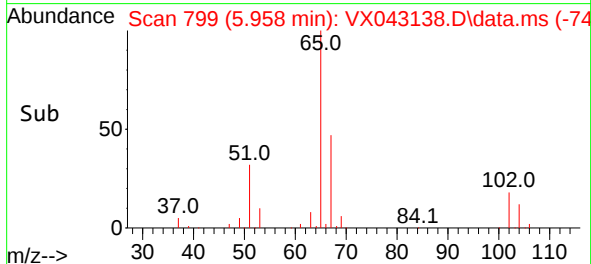
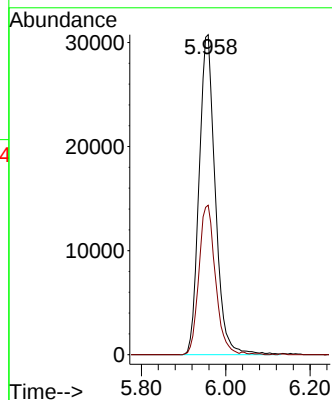
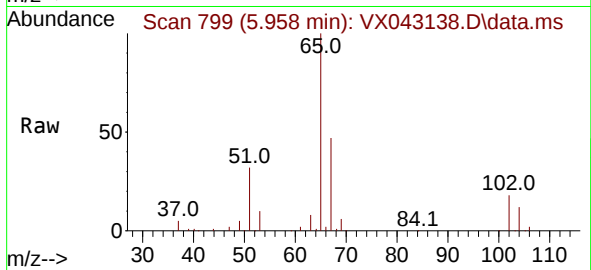
ClientSampleId :

Tgt Ion: 65 Resp: 82155

Ion Ratio Lower Upper

65 100

67 47.6 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043138.D

Acq: 25 Sep 2024 09:21

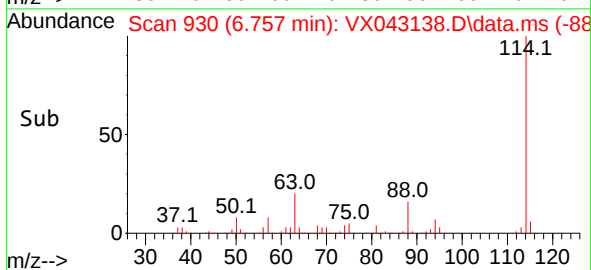
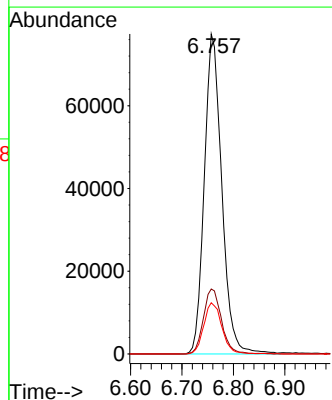
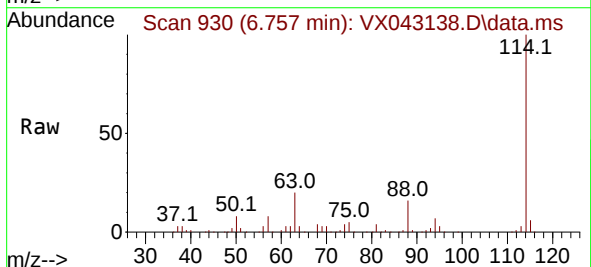
Tgt Ion: 114 Resp: 182684

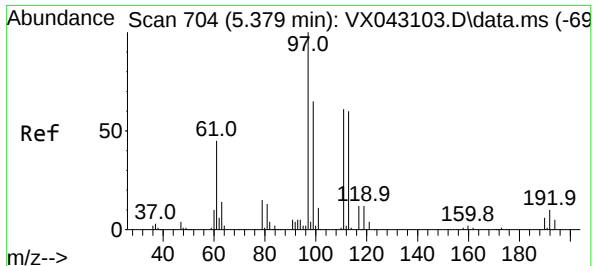
Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.496 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043138.D

Acq: 25 Sep 2024 09:21

Instrument :

MSVOA_X

ClientSampleId :

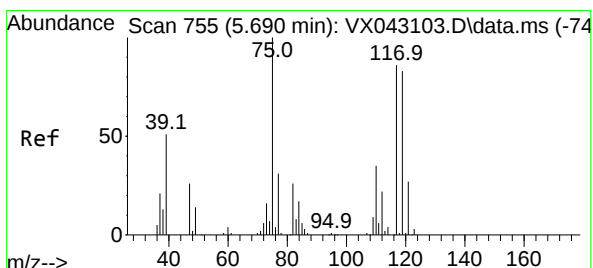
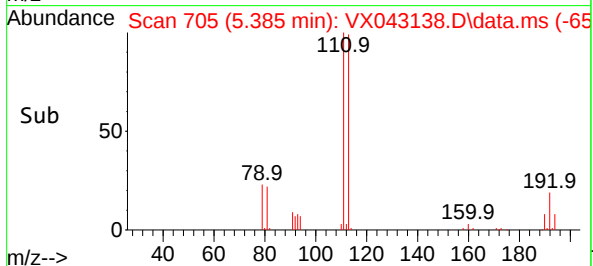
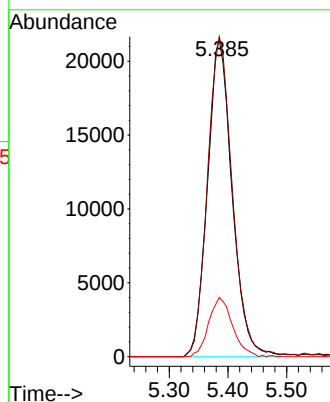
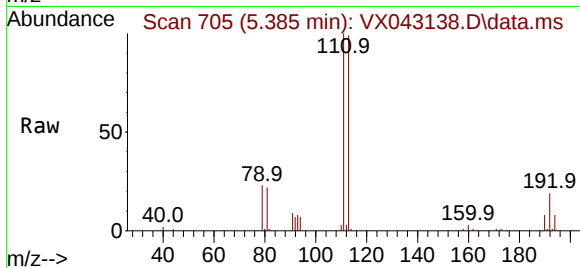
Tgt Ion:113 Resp: 62498

Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 18.1 14.6 22.0



#36

1,1-Dichloropropene

Concen: 5.065 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX043138.D

Acq: 25 Sep 2024 09:21

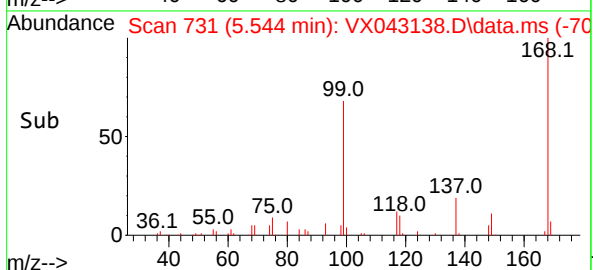
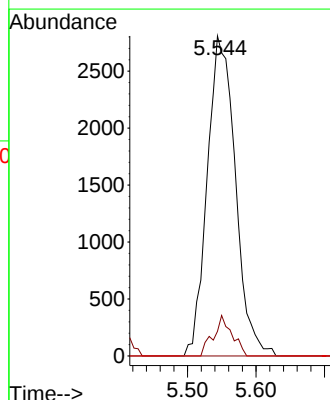
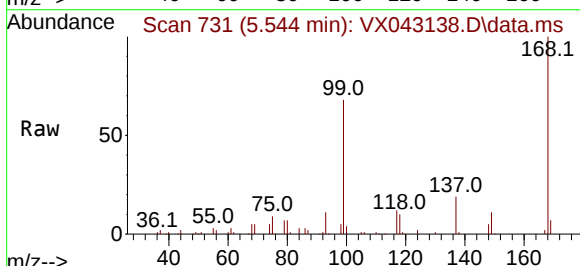
Tgt Ion: 75 Resp: 8021

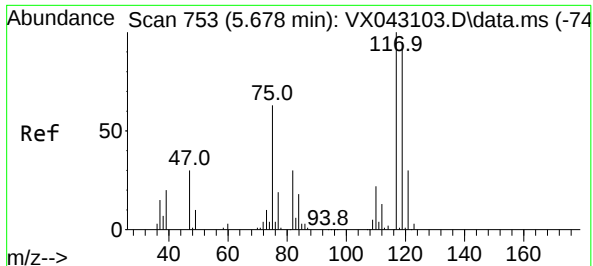
Ion Ratio Lower Upper

75 100

110 8.4 17.8 53.4#

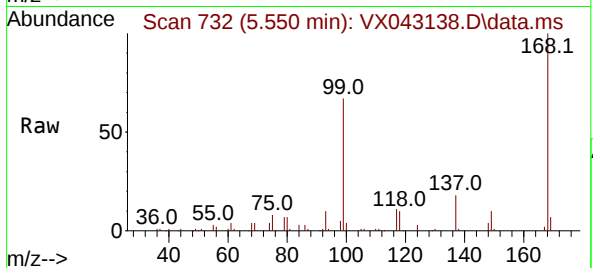
77 0.0 25.2 37.8#



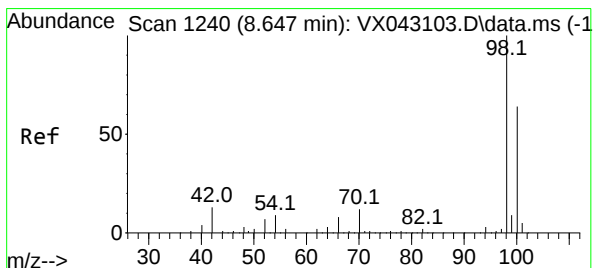
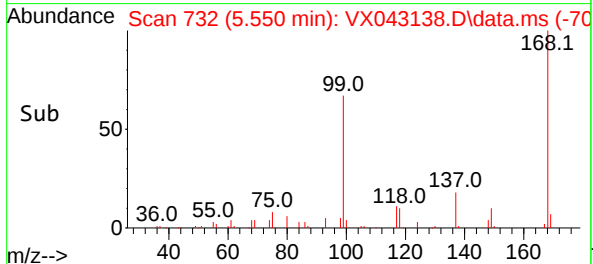
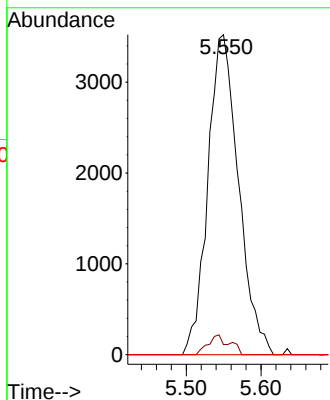


#38
Carbon Tetrachloride
Concen: 4.932 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043138.D
Acq: 25 Sep 2024 09:21

Instrument :
MSVOA_X
ClientSampleId :

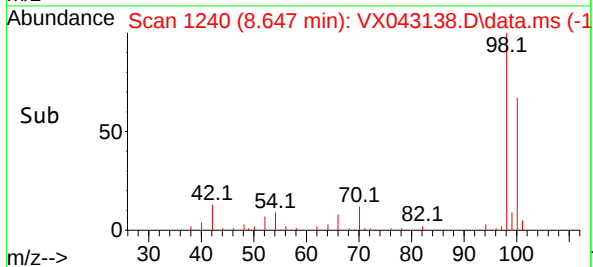
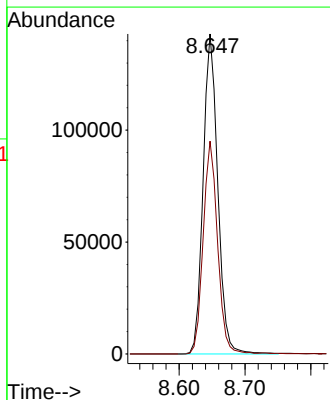
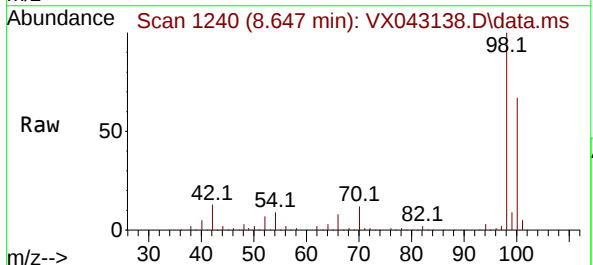


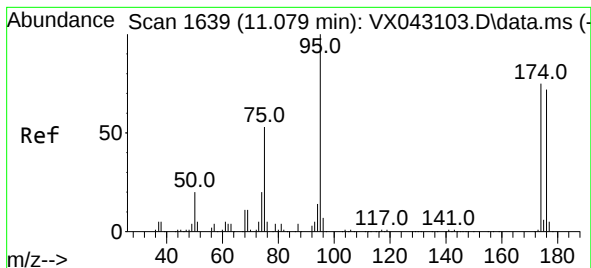
Tgt Ion:117 Resp: 10061
Ion Ratio Lower Upper
117 100
119 3.1 75.5 113.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.771 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043138.D
Acq: 25 Sep 2024 09:21

Tgt Ion: 98 Resp: 221363
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4

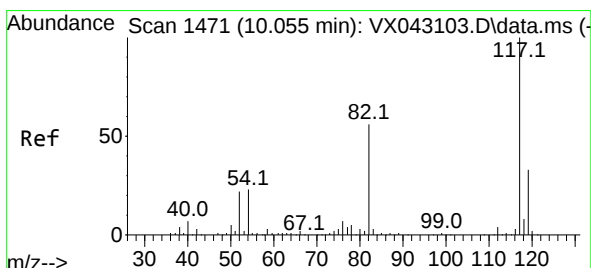
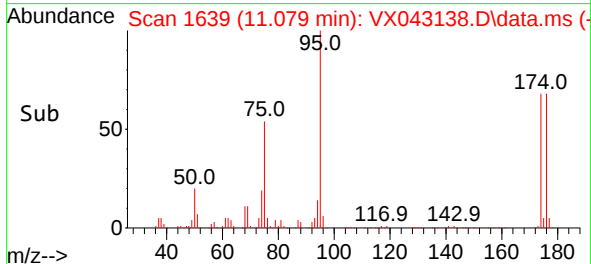
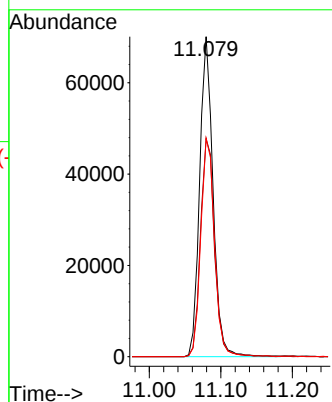
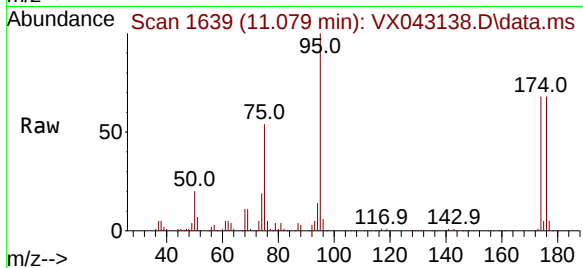




#62
4-Bromofluorobenzene
Concen: 51.835 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043138.D
Acq: 25 Sep 2024 09:21

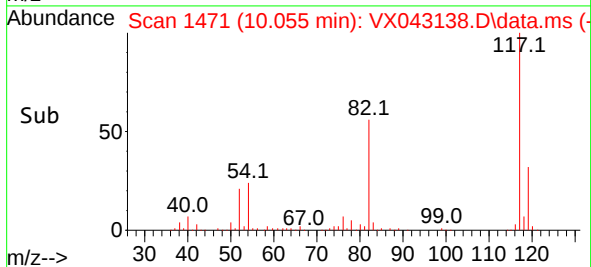
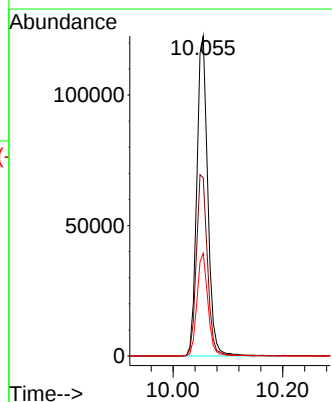
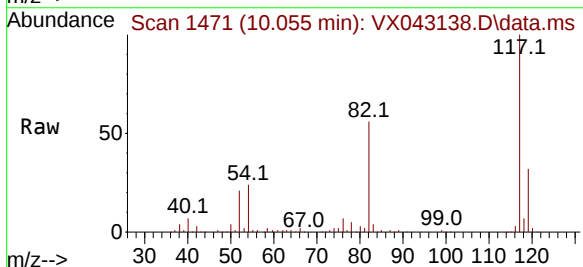
Instrument :
MSVOA_X
ClientSampleId :

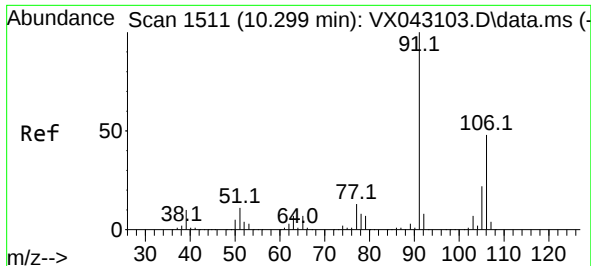
Tgt Ion: 95 Resp: 91013
Ion Ratio Lower Upper
95 100
174 71.4 0.0 146.0
176 70.3 0.0 142.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043138.D
Acq: 25 Sep 2024 09:21

Tgt Ion: 117 Resp: 171642
Ion Ratio Lower Upper
117 100
82 55.7 44.7 67.1
119 32.0 26.3 39.5

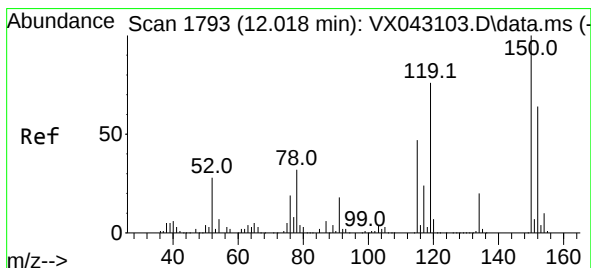
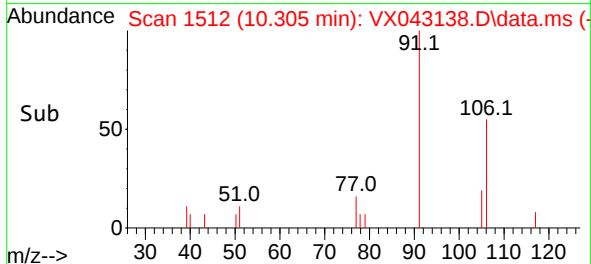
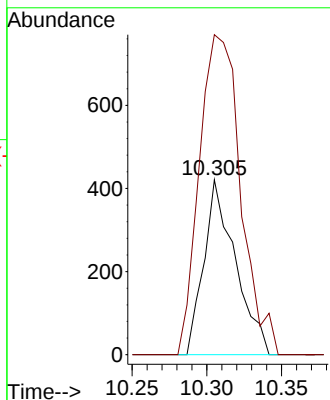
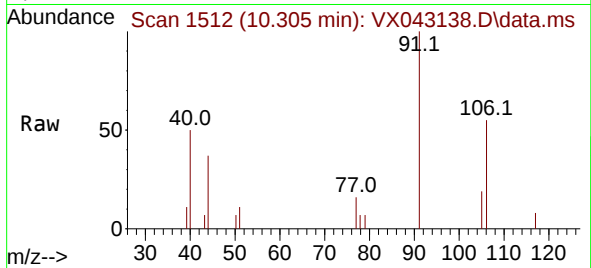




#68
m/p-Xylenes
Concen: 0.258 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043138.D
Acq: 25 Sep 2024 09:21

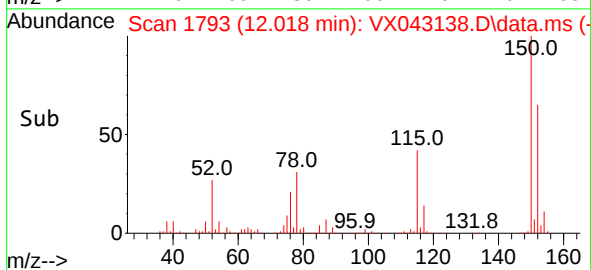
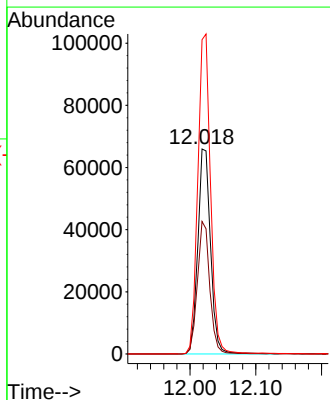
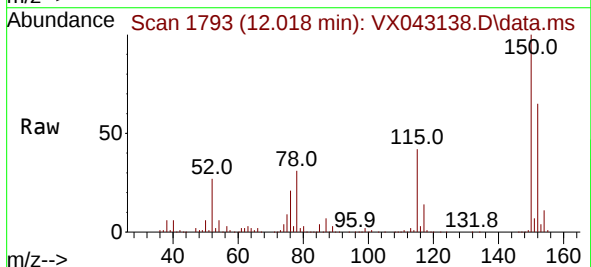
Instrument :
MSVOA_X
ClientSampleId :

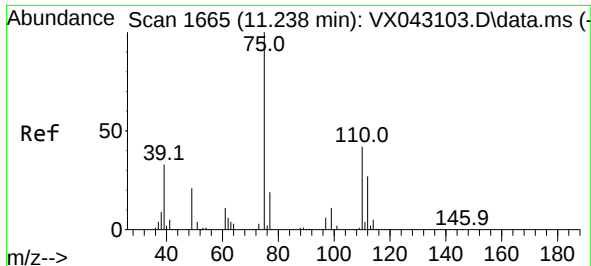
Tgt Ion:106 Resp: 615
Ion Ratio Lower Upper
106 100
91 240.8 167.5 251.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX043138.D
Acq: 25 Sep 2024 09:21

Tgt Ion:152 Resp: 88453
Ion Ratio Lower Upper
152 100
115 62.9 43.7 131.1
150 155.8 0.0 344.6

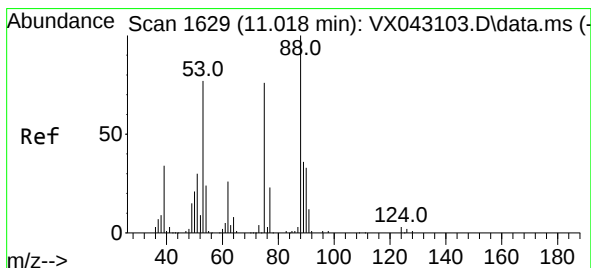
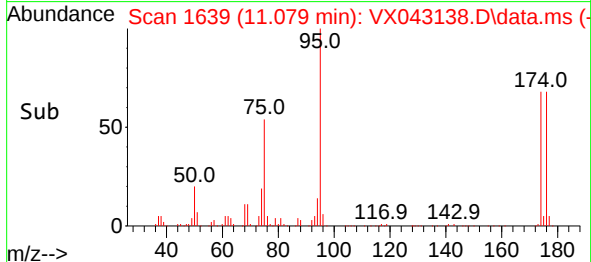
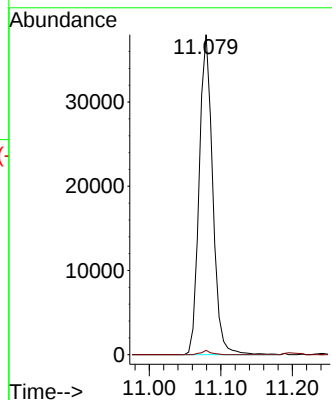
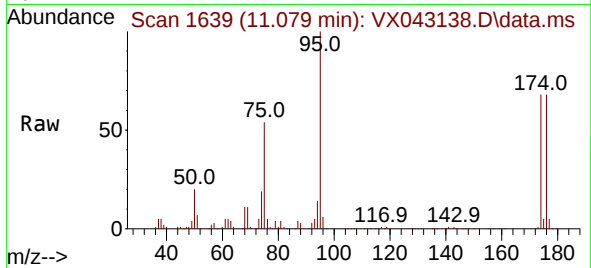




#76
1,2,3-Trichloropropane
Concen: 26.488 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043138.D
Acq: 25 Sep 2024 09:21

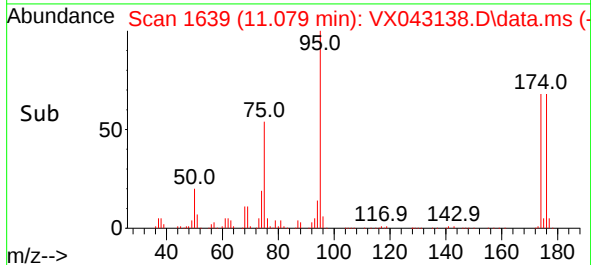
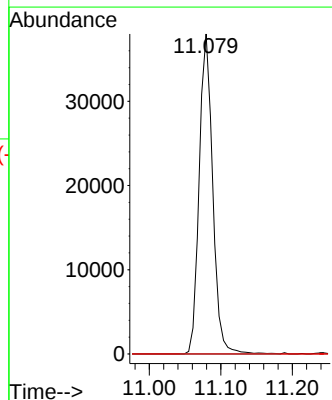
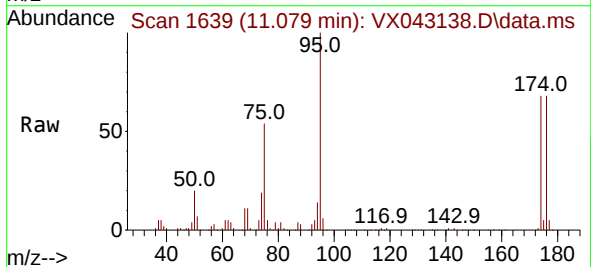
Instrument :
MSVOA_X
ClientSampleId :

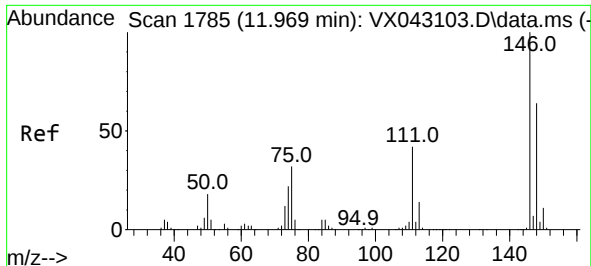
Tgt Ion: 75 Resp: 49812
Ion Ratio Lower Upper
75 100
77 1.0 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.109 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043138.D
Acq: 25 Sep 2024 09:21

Tgt Ion: 75 Resp: 49812
Ion Ratio Lower Upper
75 100
53 0.0 85.4 128.2#
89 0.0 38.8 58.2#





#87

1,3-Dichlorobenzene

Concen: 0.210 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX043138.D

Acq: 25 Sep 2024 09:21

Instrument :

MSVOA_X

ClientSampleId :

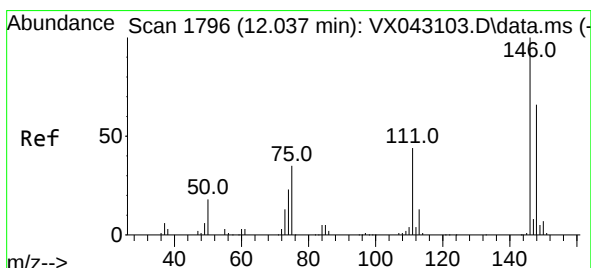
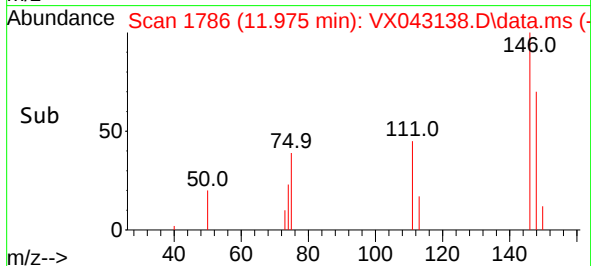
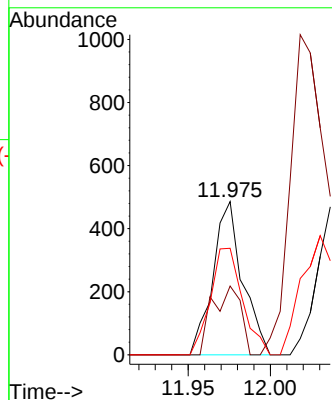
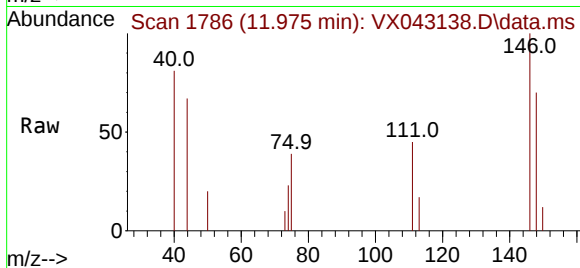
Tgt Ion:146 Resp: 610

Ion Ratio Lower Upper

146 100

111 42.8 21.6 64.6

148 75.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 0.209 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.061 min

Lab File: VX043138.D

Acq: 25 Sep 2024 09:21

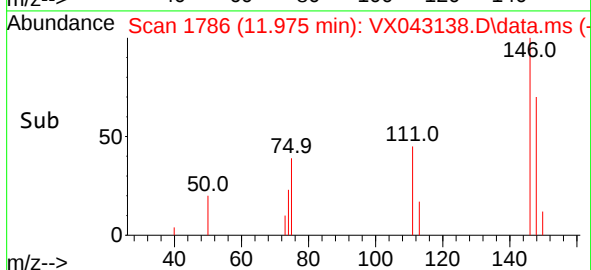
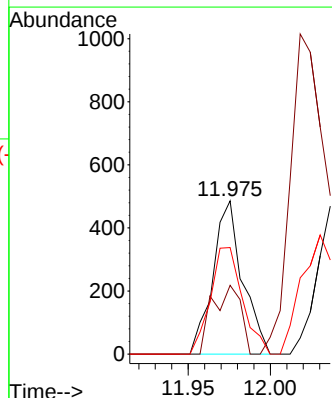
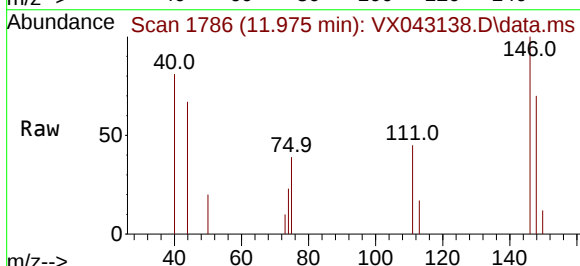
Tgt Ion:146 Resp: 610

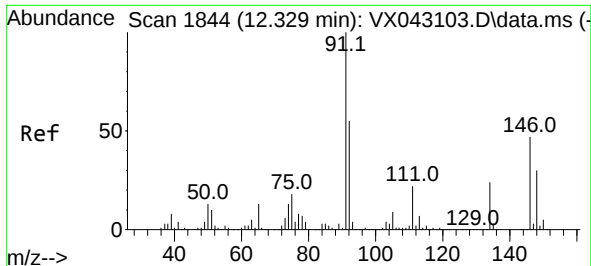
Ion Ratio Lower Upper

146 100

111 42.8 21.2 63.6

148 75.1 32.6 98.0

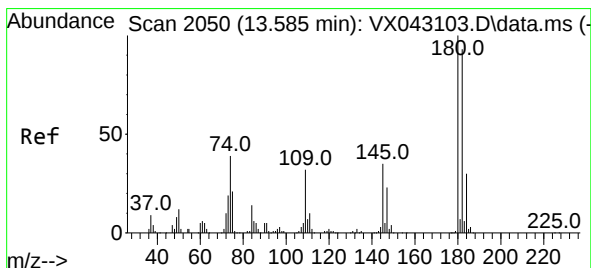
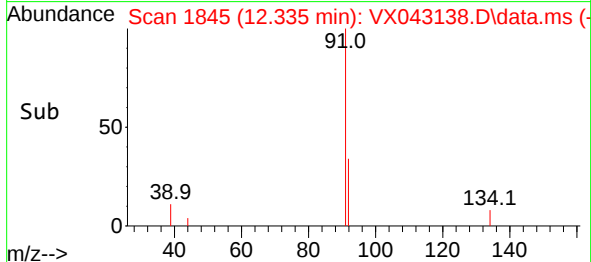
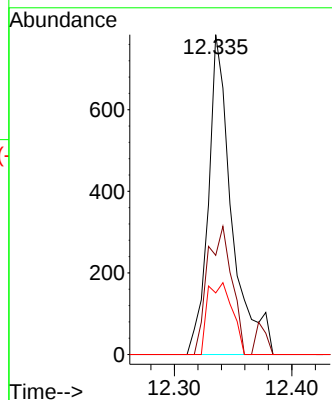
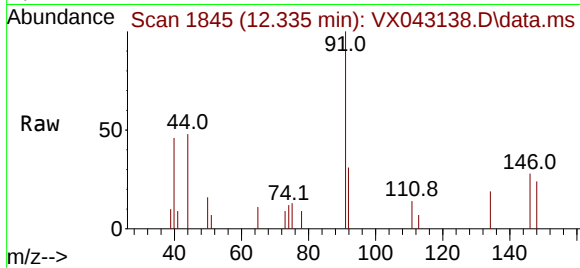




#89
n-Butylbenzene
Concen: 0.216 ug/l
RT: 12.335 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043138.D
Acq: 25 Sep 2024 09:21

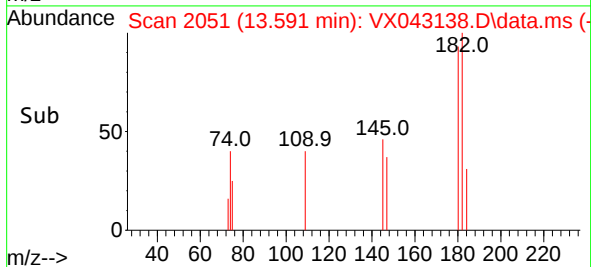
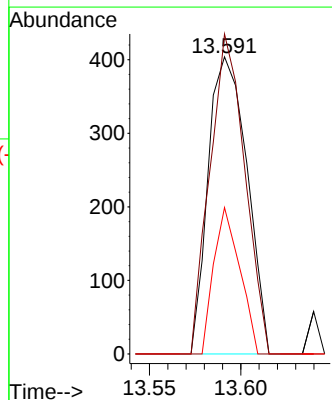
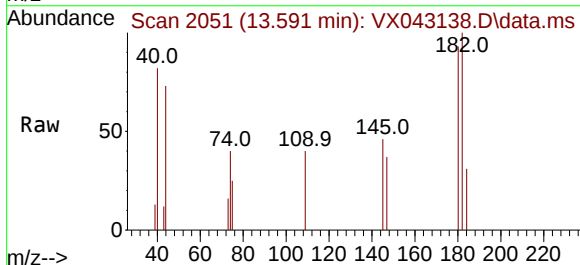
Instrument :
MSVOA_X
ClientSampleId :

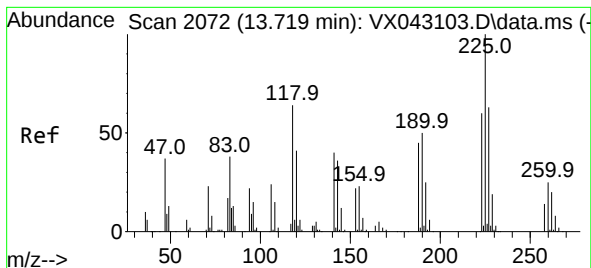
Tgt Ion: 91	Resp:	1084
Ion	Ratio	Lower Upper
91	100	
92	41.7	26.9 80.7
134	23.6	12.6 37.6



#93
1,2,4-Trichlorobenzene
Concen: 0.336 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX043138.D
Acq: 25 Sep 2024 09:21

Tgt Ion: 180	Resp:	596
Ion	Ratio	Lower Upper
180	100	
182	97.1	46.7 140.0
145	33.1	17.0 50.9





#94

Hexachlorobutadiene

Concen: 0.303 ug/l

RT: 13.725 min Scan# 2072

Delta R.T. 0.006 min

Lab File: VX043138.D

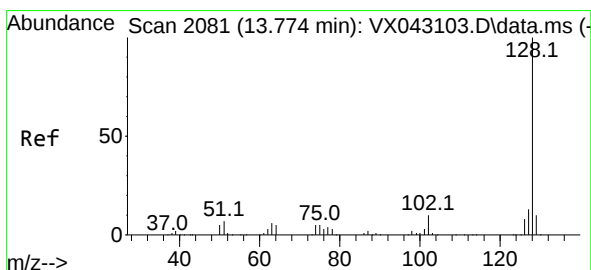
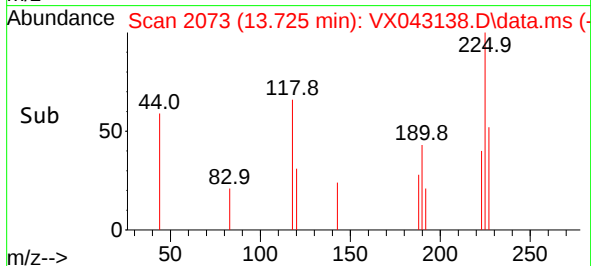
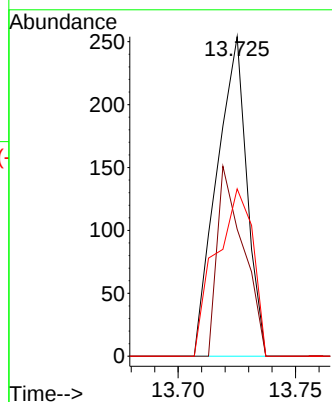
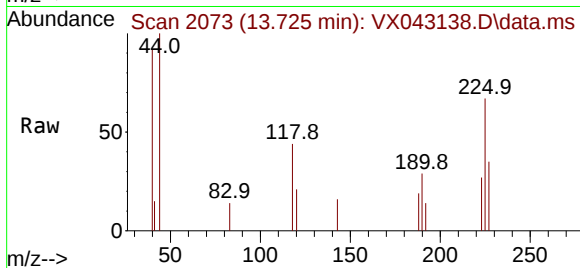
Acq: 25 Sep 2024 09:21

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	225	Resp:	226
Ion	Ratio	Lower	Upper
225	100		
223	51.8	31.8	95.4
227	64.6	31.9	95.7



#95

Naphthalene

Concen: 1.095 ug/l

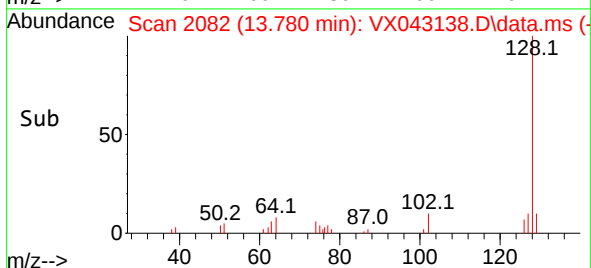
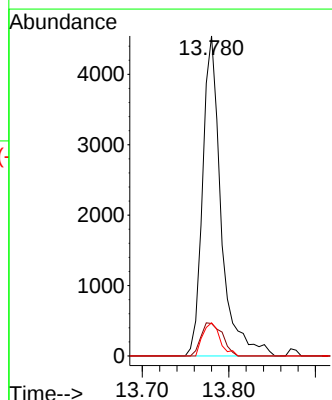
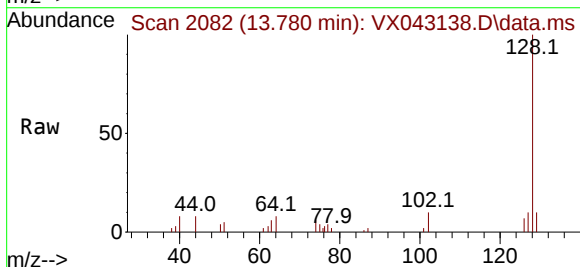
RT: 13.780 min Scan# 2082

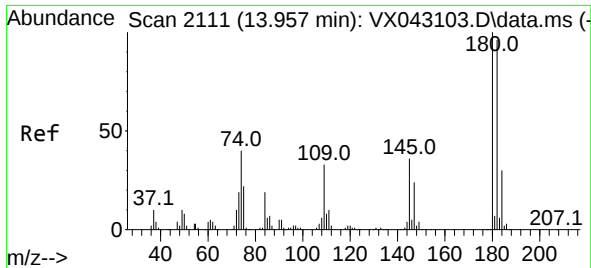
Delta R.T. 0.006 min

Lab File: VX043138.D

Acq: 25 Sep 2024 09:21

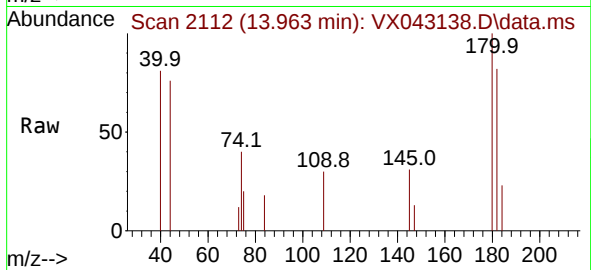
Tgt Ion:	128	Resp:	6748
Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.2	15.4
129	9.7	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.321 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX043138.D
 Acq: 25 Sep 2024 09:21

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	566
Ion	Ratio	Lower	Upper
180	100		
182	98.9	47.8	143.4
145	38.5	17.7	53.1

