

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043128.D
 Acq On : 24 Sep 2024 17:21
 Operator : JC/MD
 Sample : P4164-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 25 01:33:09 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

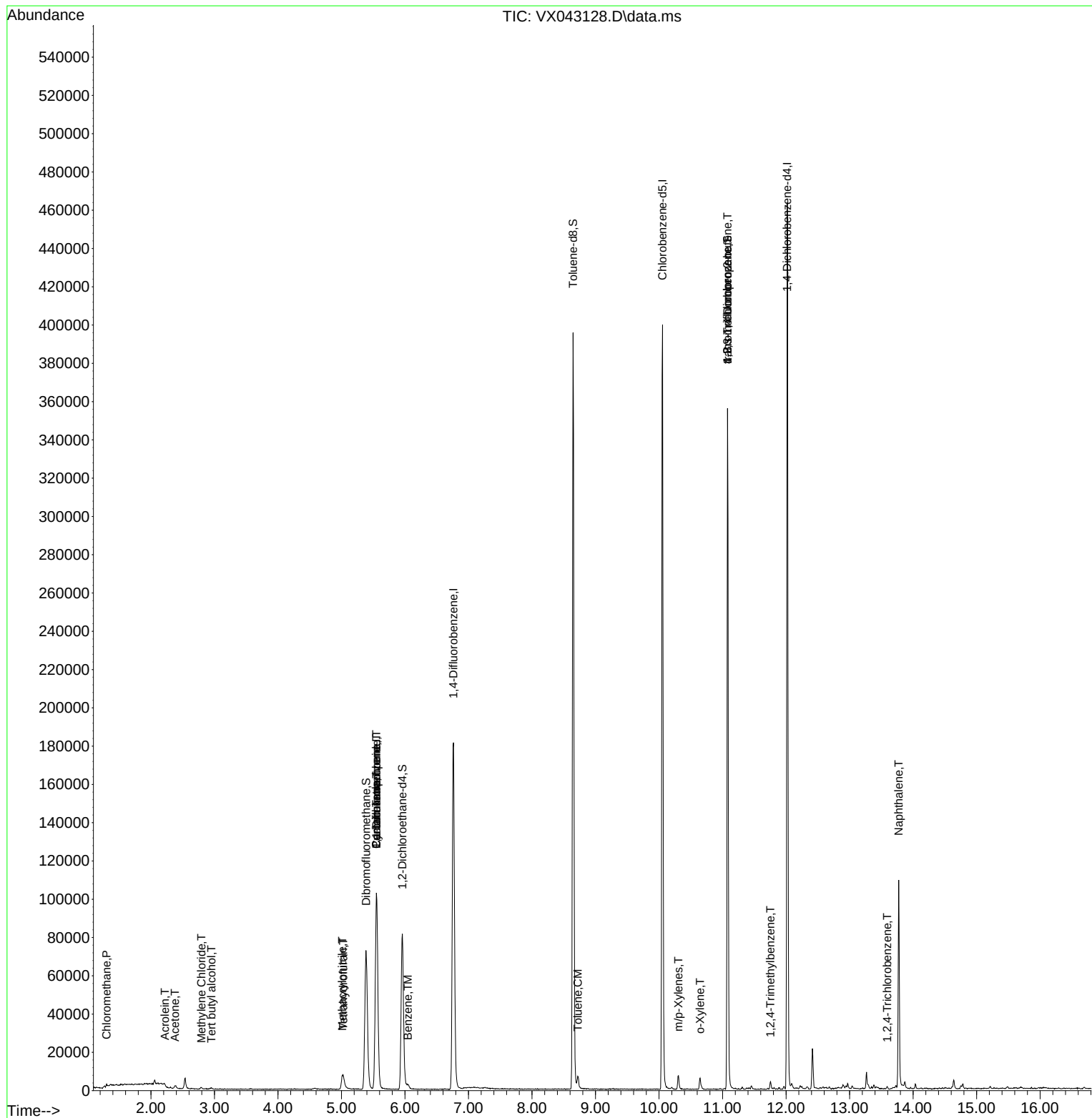
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	92176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185644	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82269	53.732	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.460%		
35) Dibromofluoromethane	5.385	113	63492	48.482	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.960%		
50) Toluene-d8	8.647	98	226120	51.035	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.080%		
62) 4-Bromofluorobenzene	11.079	95	93343	52.314	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 104.620%		
Target Compounds						Qvalue
3) Chloromethane	1.300	50	880	0.877	ug/l #	86
11) Tert butyl alcohol	2.953	59	98	0.287	ug/l #	71
13) Acrolein	2.221	56	26	0.577	ug/l #	1
16) Acetone	2.380	43	1967	2.747	ug/l	93
20) Methylene Chloride	2.794	84	348	0.305	ug/l #	91
29) Tetrahydrofuran	5.025	42	7694	13.861	ug/l	97
31) Cyclohexane	5.550	56	2200	1.461	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	7732	4.805	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10376	5.006	ug/l #	17
40) Benzene	6.044	78	2586	0.545	ug/l	99
41) Methacrylonitrile	5.013	41	4848	4.825	ug/l #	48
52) Toluene	8.720	92	2358	0.771	ug/l	92
68) m/p-Xylenes	10.305	106	1939	0.788	ug/l	96
69) o-Xylene	10.646	106	1459	0.591	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	51949	26.879	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	51949	64.041	ug/l #	7
84) 1,2,4-Trimethylbenzene	11.756	105	2291	0.408	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	367	0.201	ug/l	90
95) Naphthalene	13.774	128	68393	10.799	ug/l	100

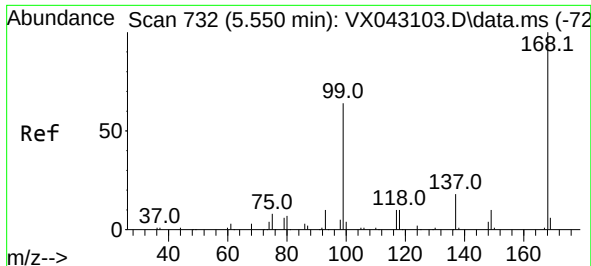
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
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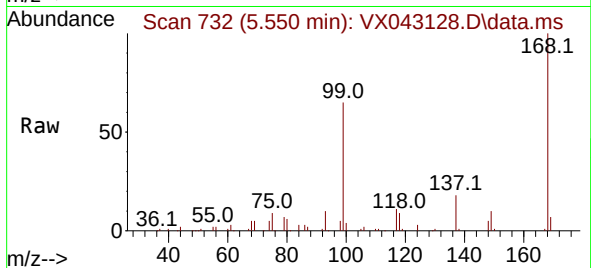


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

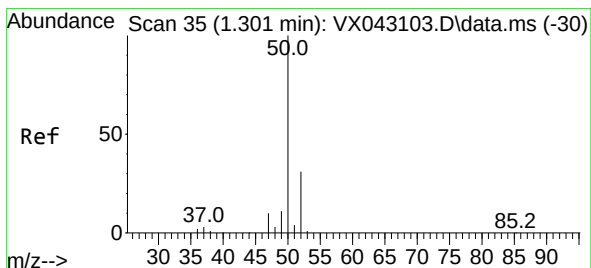
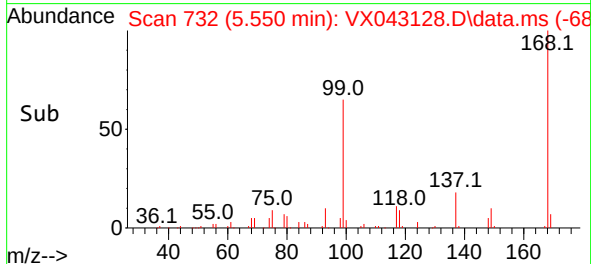
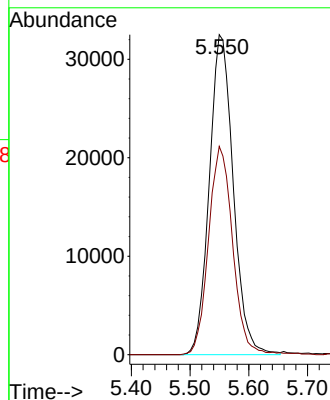
Instrument :

MSVOA_X

ClientSampleId :

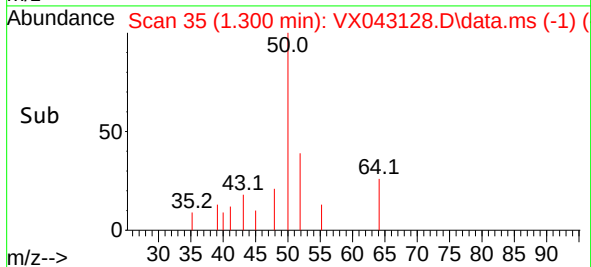
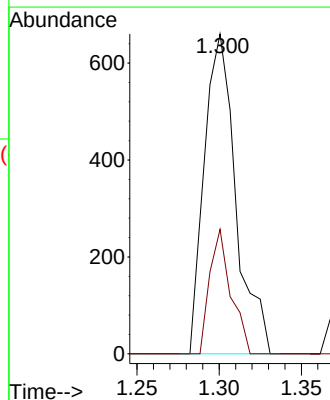
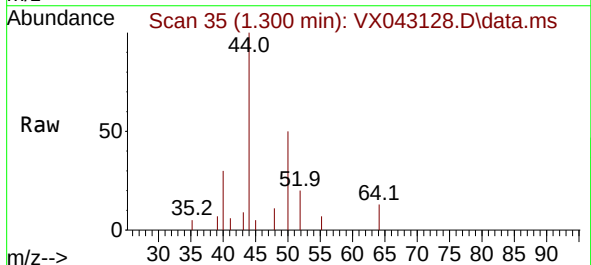


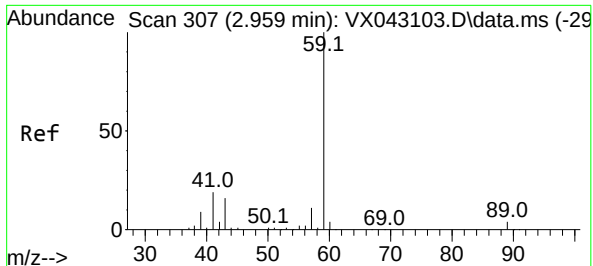
Tgt Ion:168 Resp: 92176
Ion Ratio Lower Upper
168 100
99 65.1 50.8 76.2



#3
Chloromethane
Concen: 0.877 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

Tgt Ion: 50 Resp: 880
Ion Ratio Lower Upper
50 100
52 38.9 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.287 ug/l

RT: 2.953 min Scan# 30

Delta R.T. -0.006 min

Lab File: VX043128.D

Acq: 24 Sep 2024 17:21

Instrument :

MSVOA_X

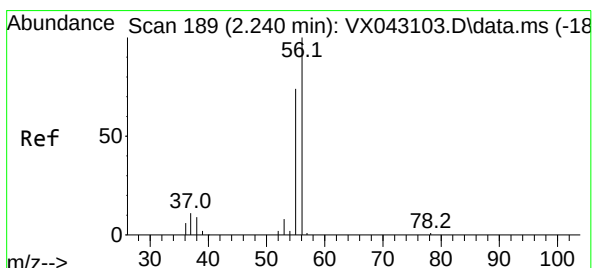
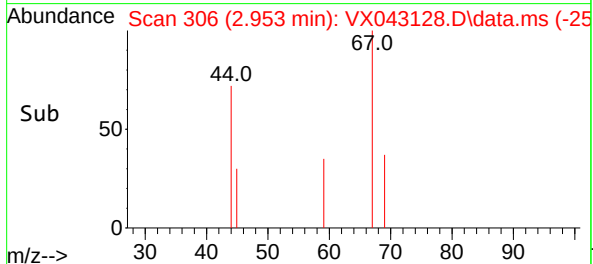
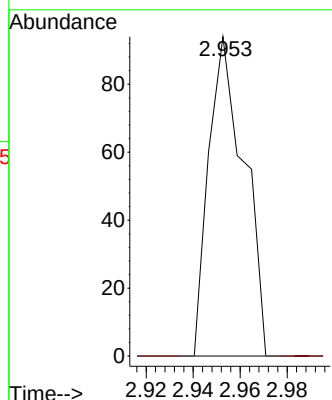
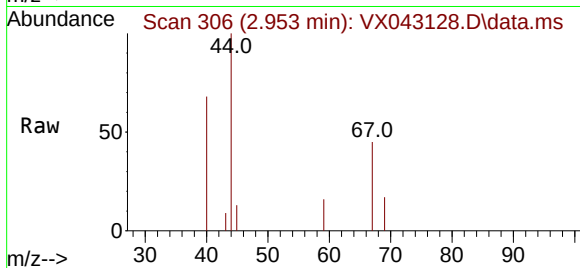
ClientSampleId :

Tgt Ion: 59 Resp: 98

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



#13

Acrolein

Concen: 0.577 ug/l

RT: 2.221 min Scan# 186

Delta R.T. -0.018 min

Lab File: VX043128.D

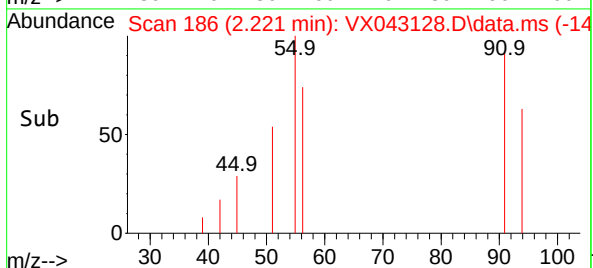
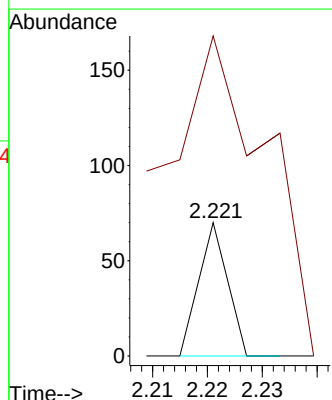
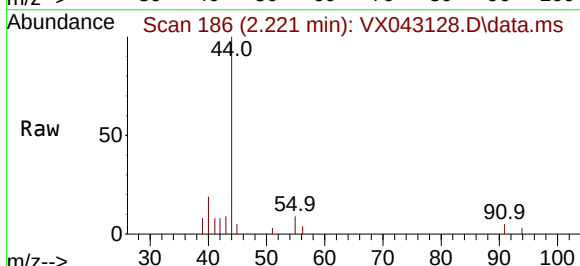
Acq: 24 Sep 2024 17:21

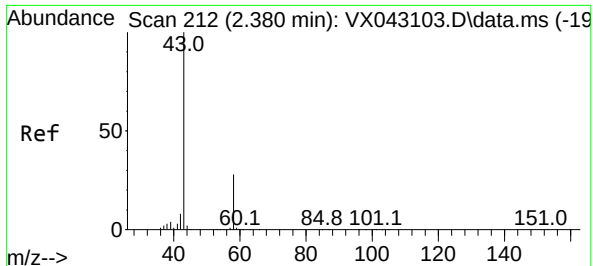
Tgt Ion: 56 Resp: 26

Ion Ratio Lower Upper

56 100

55 550.0 55.8 83.6#

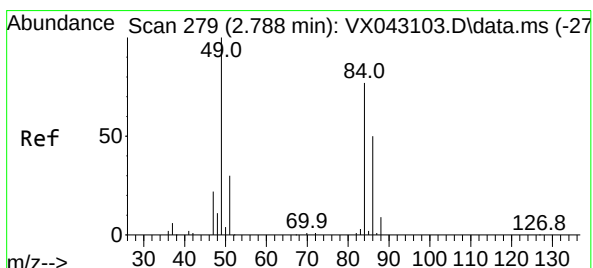
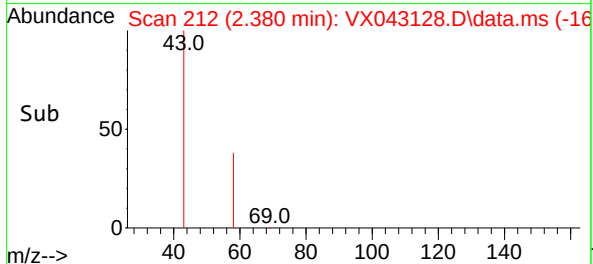
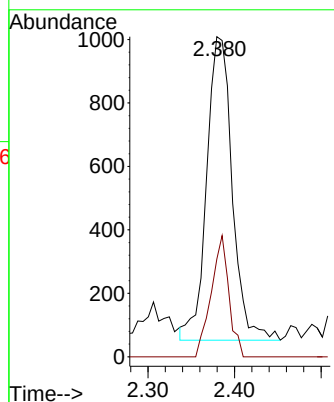
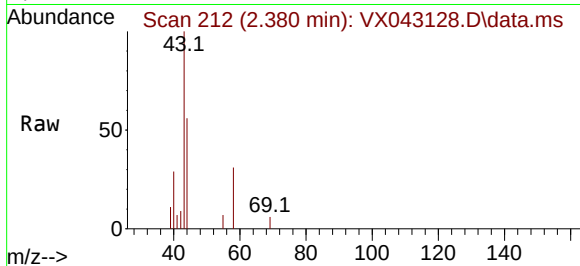




#16
Acetone
Concen: 2.747 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

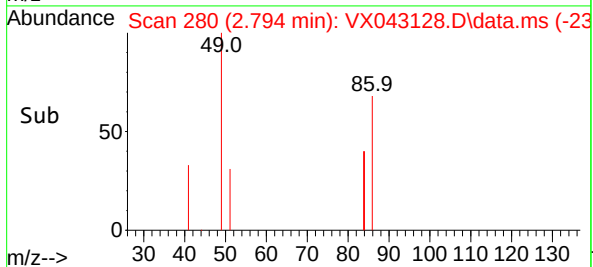
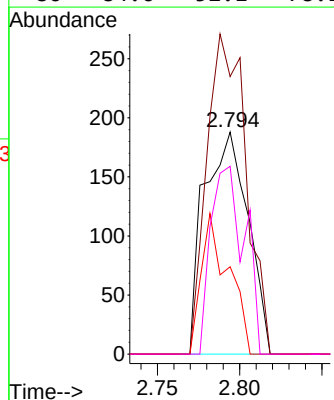
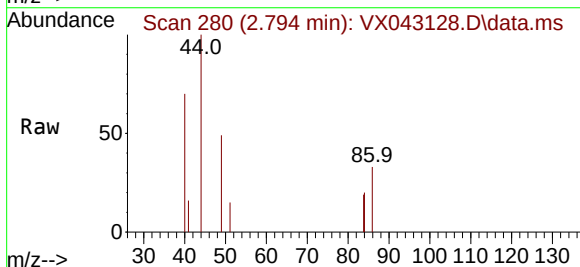
Instrument :
MSVOA_X
ClientSampleId :

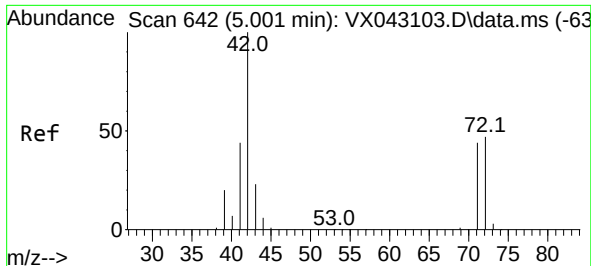
Tgt Ion: 43 Resp: 1967
Ion Ratio Lower Upper
43 100
58 32.2 22.6 34.0



#20
Methylene Chloride
Concen: 0.305 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

Tgt Ion: 84 Resp: 348
Ion Ratio Lower Upper
84 100
49 125.0 104.1 156.1
51 39.4 31.1 46.7
86 84.6 52.1 78.1#





#29

Tetrahydrofuran

Concen: 13.861 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.024 min

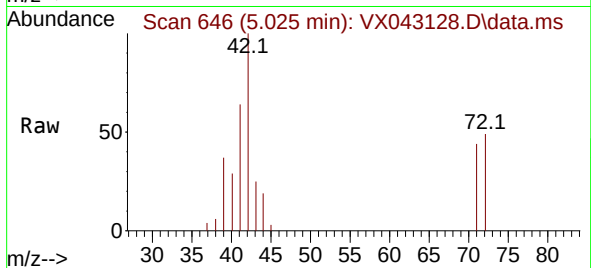
Lab File: VX043128.D

Acq: 24 Sep 2024 17:21

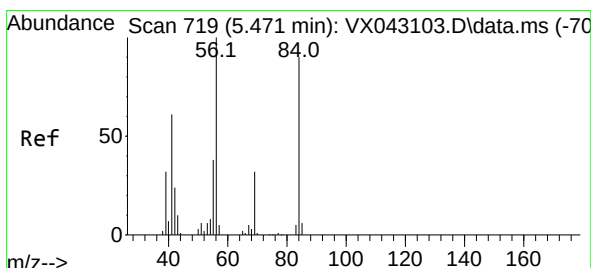
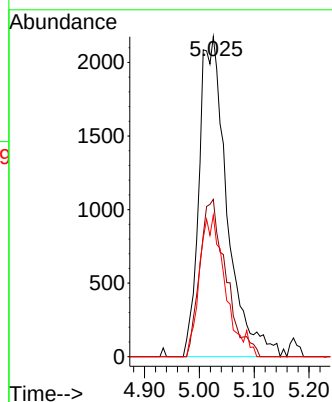
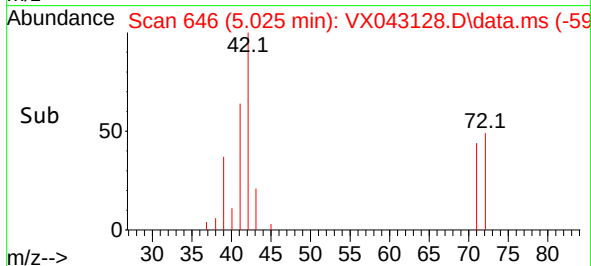
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	7694
Ion	Ratio	Lower	Upper
42	100		
72	46.2	37.6	56.4
71	40.6	34.8	52.2



#31

Cyclohexane

Concen: 1.461 ug/l

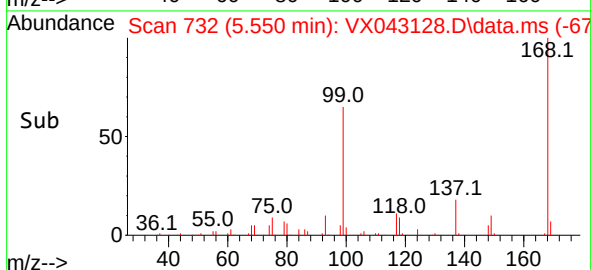
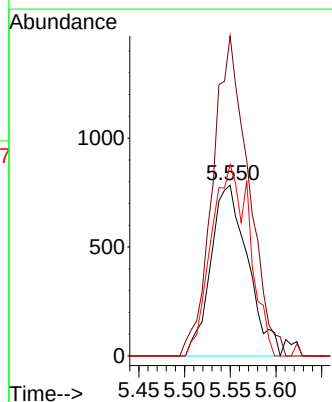
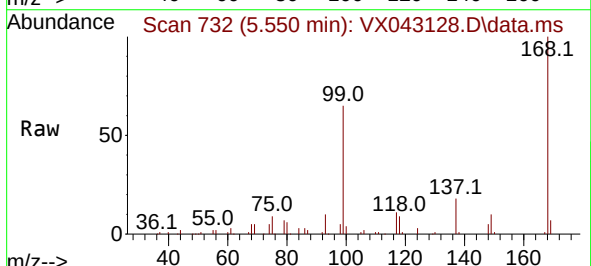
RT: 5.550 min Scan# 732

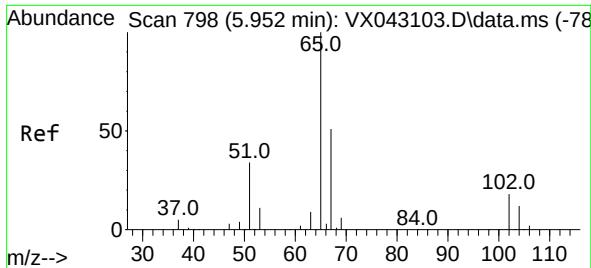
Delta R.T. 0.079 min

Lab File: VX043128.D

Acq: 24 Sep 2024 17:21

Tgt Ion:	56	Resp:	2200
Ion	Ratio	Lower	Upper
56	100		
69	187.4	25.8	38.6#
84	112.1	72.4	108.6#

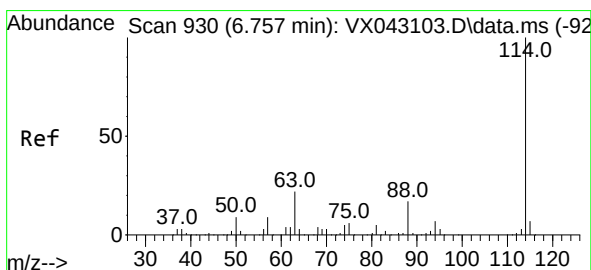
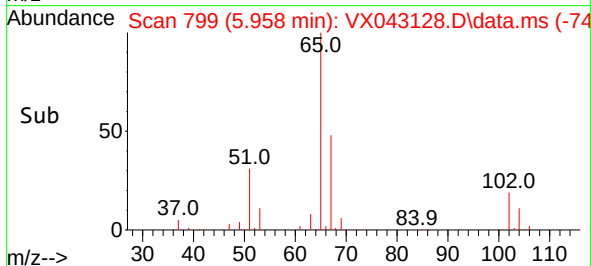
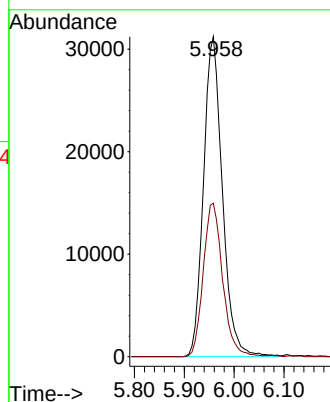
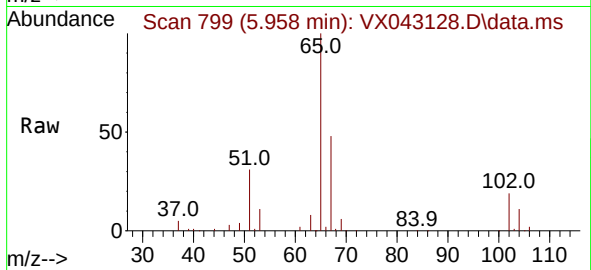




#33
 1,2-Dichloroethane-d4
 Concen: 53.732 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX043128.D
 Acq: 24 Sep 2024 17:21

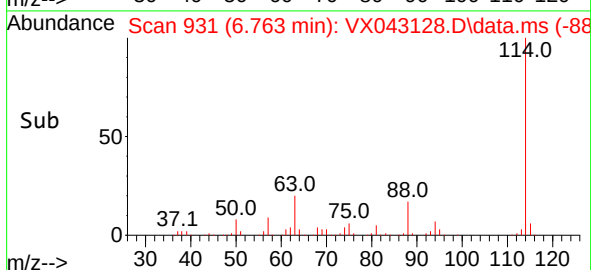
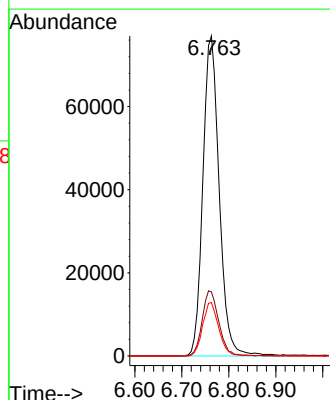
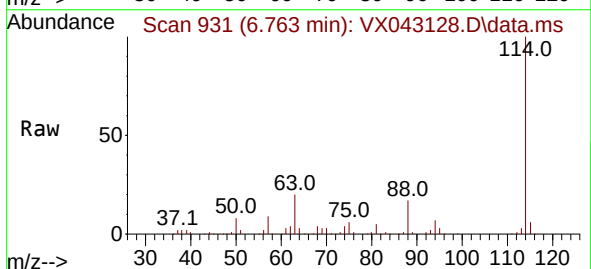
Instrument :
 MSVOA_X
 ClientSampleId :

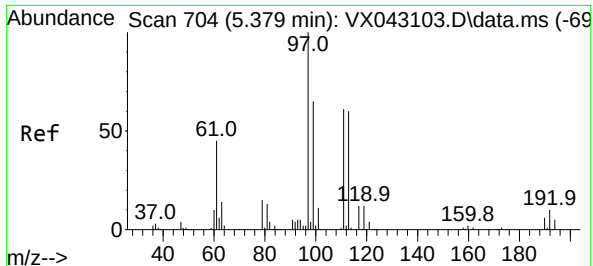
Tgt Ion: 65 Resp: 82269
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX043128.D
 Acq: 24 Sep 2024 17:21

Tgt Ion: 114 Resp: 185644
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 43.2
 88 16.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.482 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

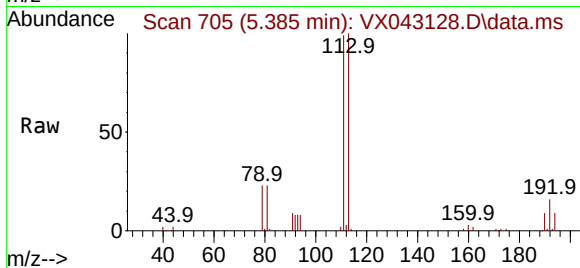
Lab File: VX043128.D

Acq: 24 Sep 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :



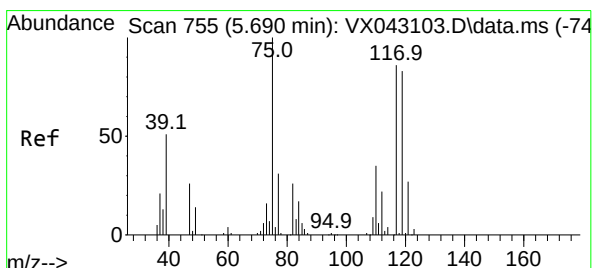
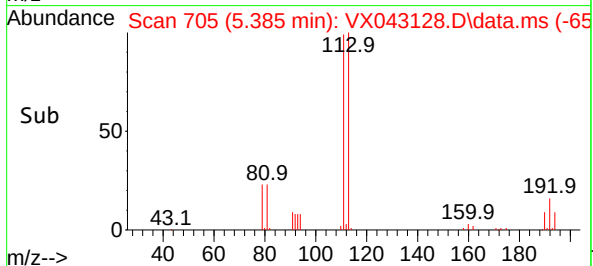
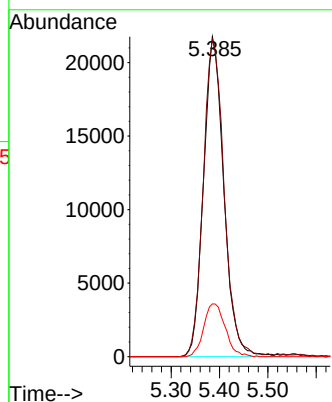
Tgt Ion:113 Resp: 63492

Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 17.5 14.6 22.0



#36

1,1-Dichloropropene

Concen: 4.805 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX043128.D

Acq: 24 Sep 2024 17:21

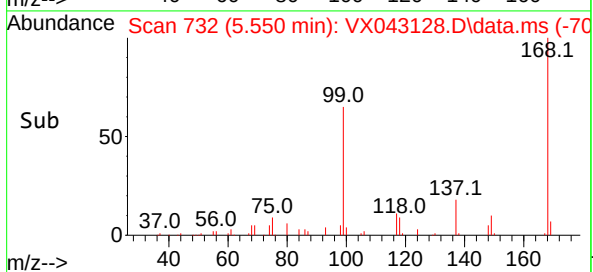
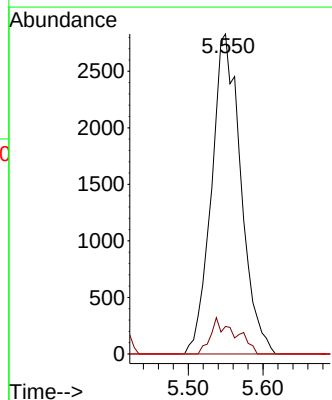
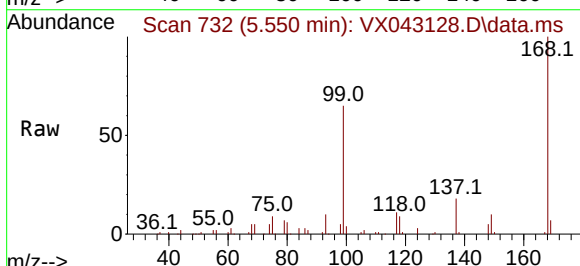
Tgt Ion: 75 Resp: 7732

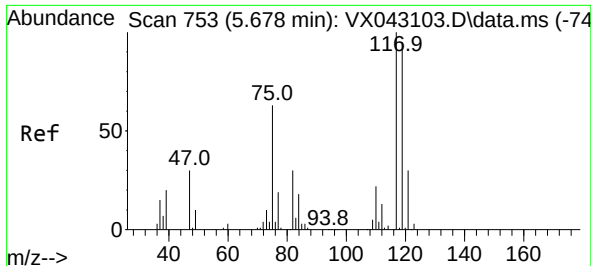
Ion Ratio Lower Upper

75 100

110 9.5 17.8 53.4#

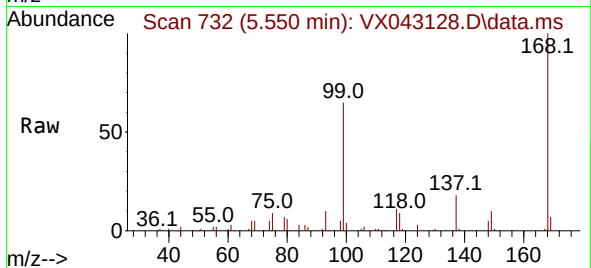
77 0.0 25.2 37.8#



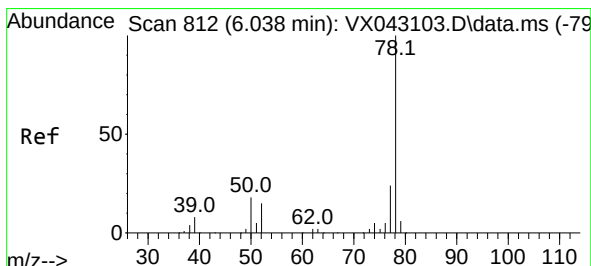
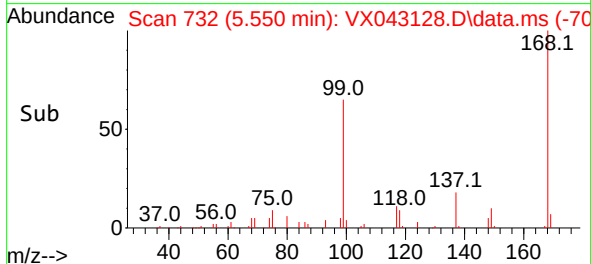
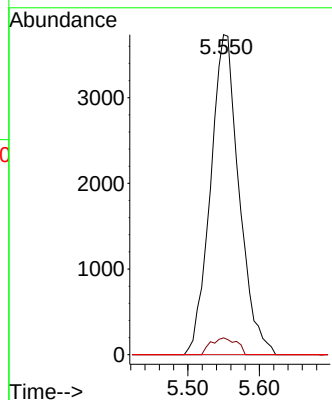


#38
Carbon Tetrachloride
Concen: 5.006 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

Instrument :
MSVOA_X
ClientSampleId :

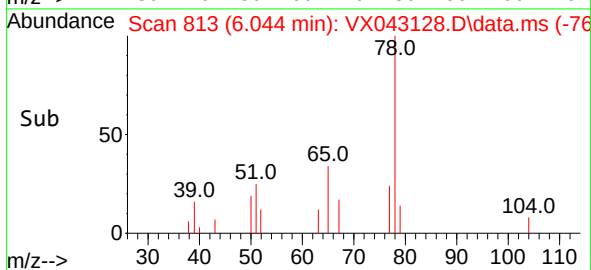
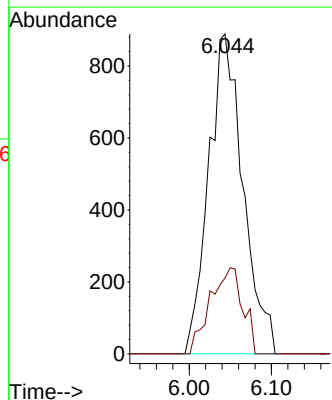
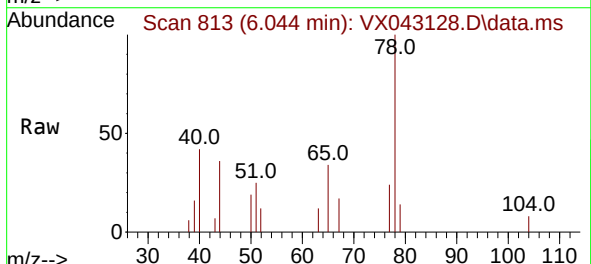


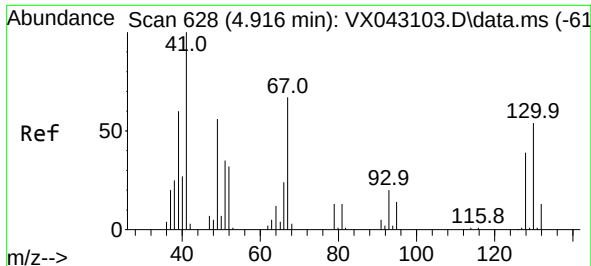
Tgt Ion:117 Resp: 10376
Ion Ratio Lower Upper
117 100
119 5.2 75.5 113.3#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 0.545 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

Tgt Ion: 78 Resp: 2586
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9

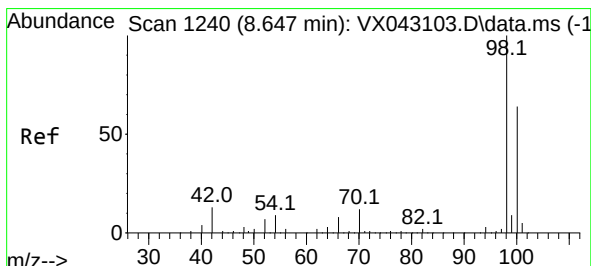
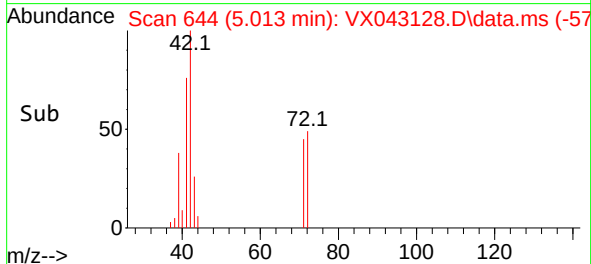
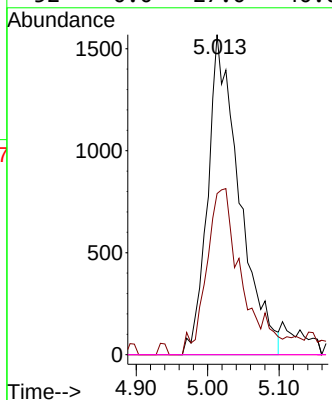
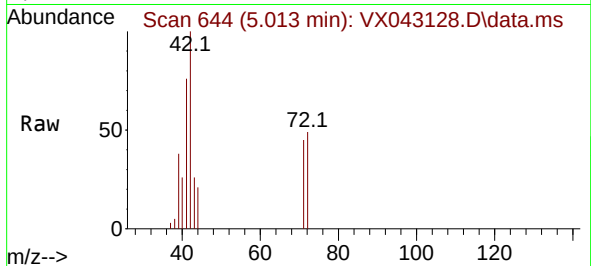




#41
Methacrylonitrile
Concen: 4.825 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.097 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

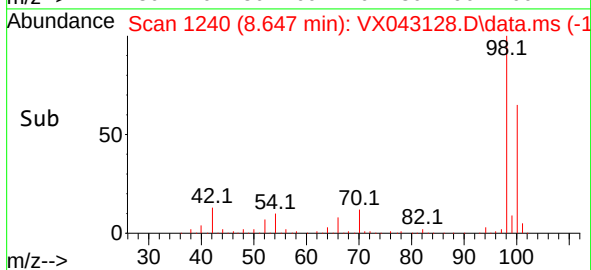
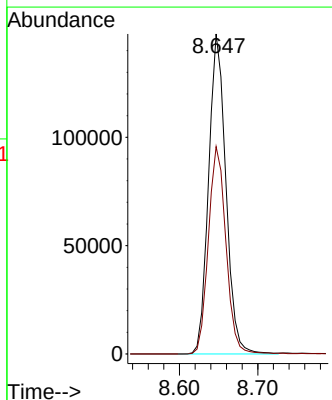
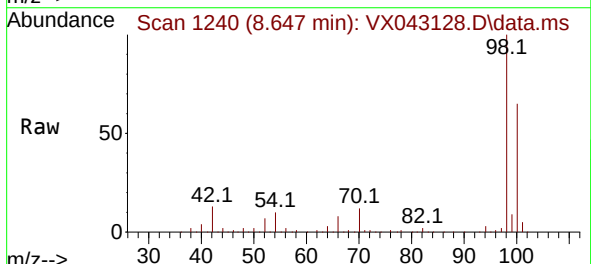
Instrument :
MSVOA_X
ClientSampleId :

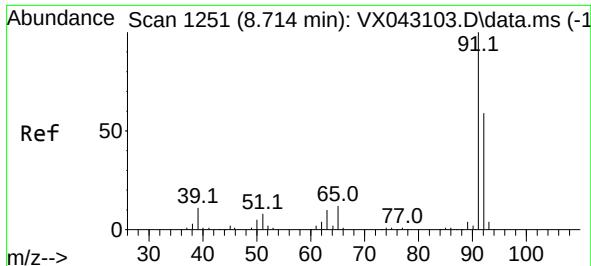
Tgt Ion: 41 Resp: 4848
Ion Ratio Lower Upper
41 100
39 52.7 46.8 70.2
67 0.0 57.0 85.6#
52 0.0 27.0 40.6#



#50
Toluene-d8
Concen: 51.035 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

Tgt Ion: 98 Resp: 226120
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4

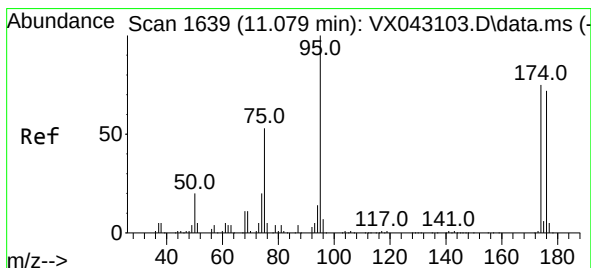
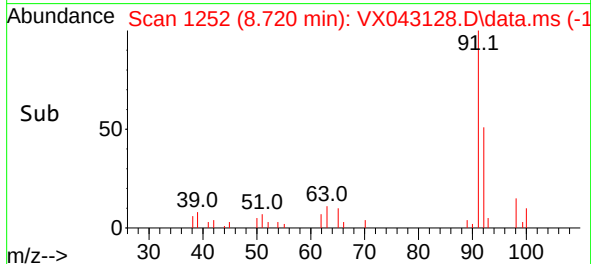
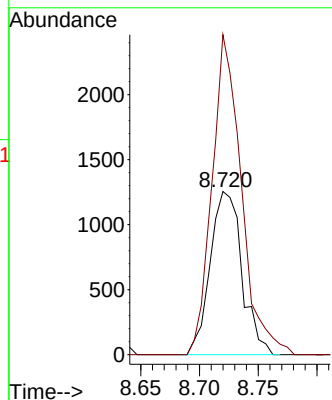
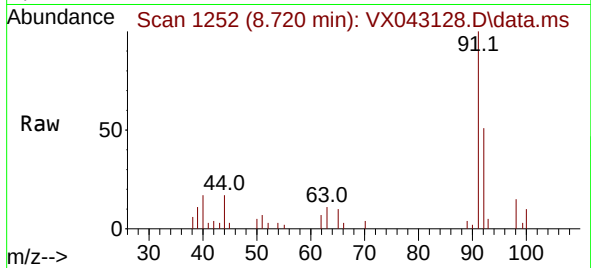




#52
Toluene
Concen: 0.771 ug/l
RT: 8.720 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

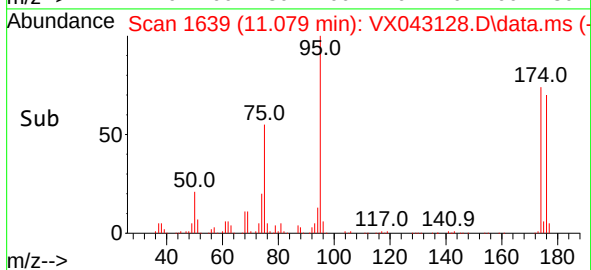
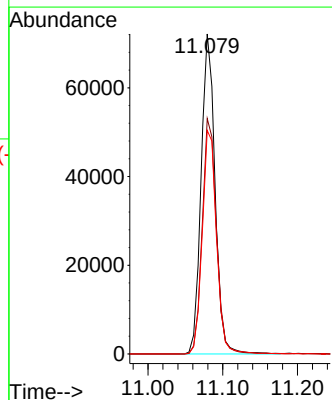
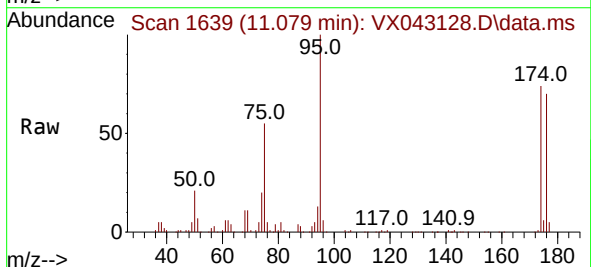
Instrument :
MSVOA_X
ClientSampleId :

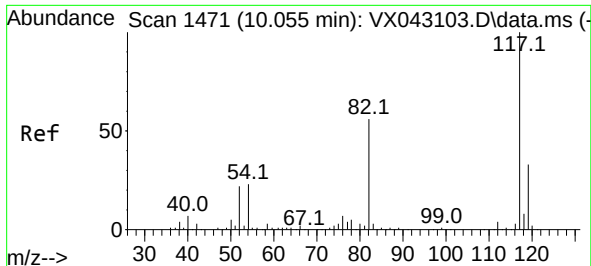
Tgt Ion: 92 Resp: 2358
Ion Ratio Lower Upper
92 100
91 181.3 135.9 203.9



#62
4-Bromofluorobenzene
Concen: 52.314 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

Tgt Ion: 95 Resp: 93343
Ion Ratio Lower Upper
95 100
174 74.9 0.0 146.0
176 71.7 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: VX043128.D

Acq: 24 Sep 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

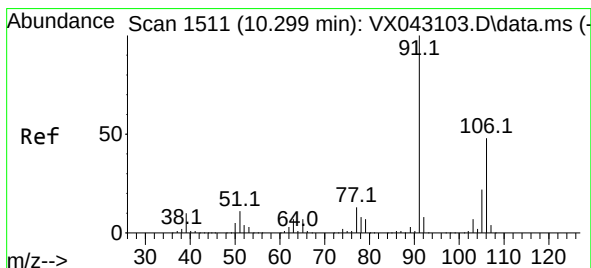
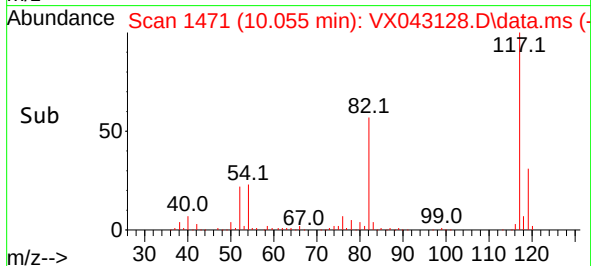
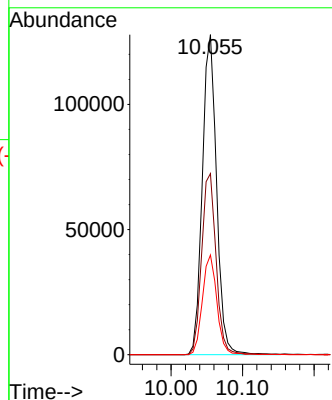
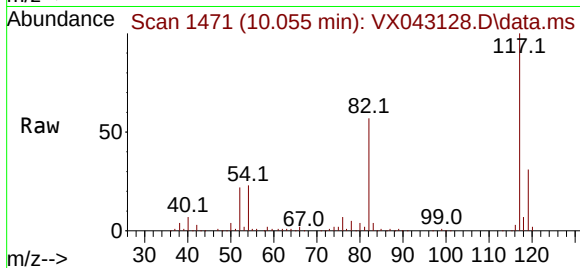
Tgt Ion:117 Resp: 177206

Ion Ratio Lower Upper

117 100

82 56.6 44.7 67.1

119 31.2 26.3 39.5



#68

m/p-Xylenes

Concen: 0.788 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX043128.D

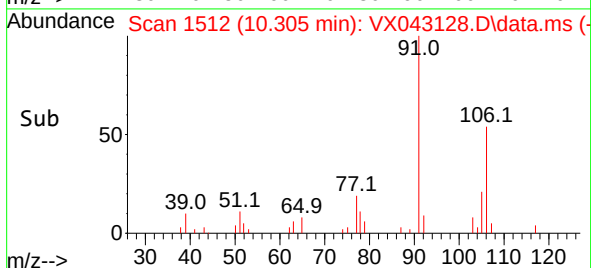
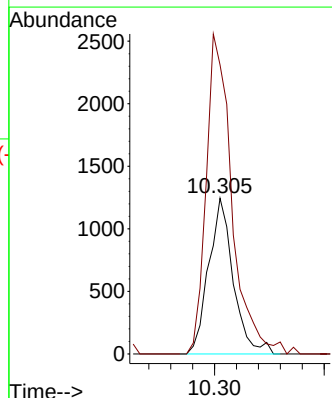
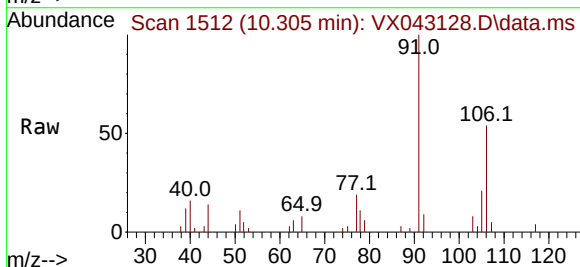
Acq: 24 Sep 2024 17:21

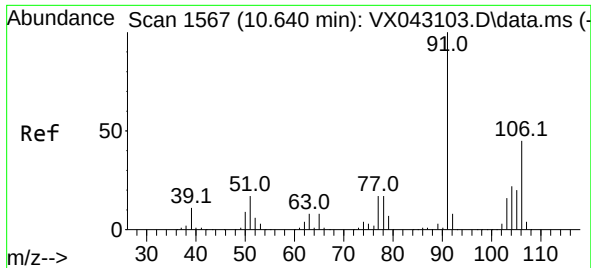
Tgt Ion:106 Resp: 1939

Ion Ratio Lower Upper

106 100

91 215.4 167.5 251.3

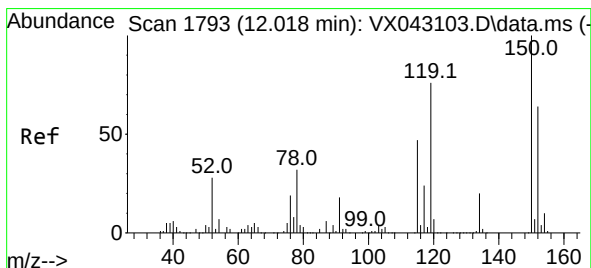
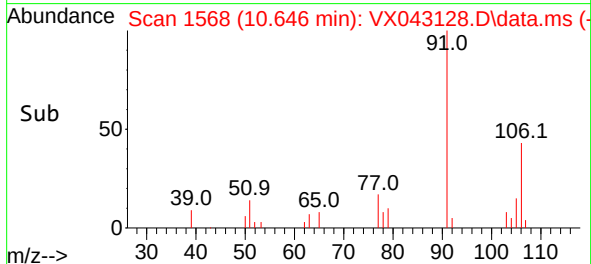
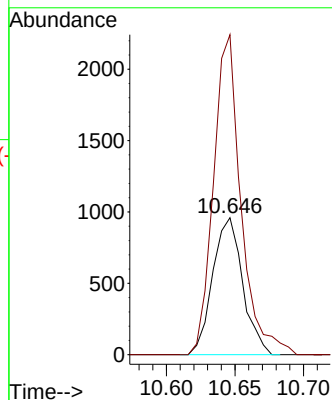
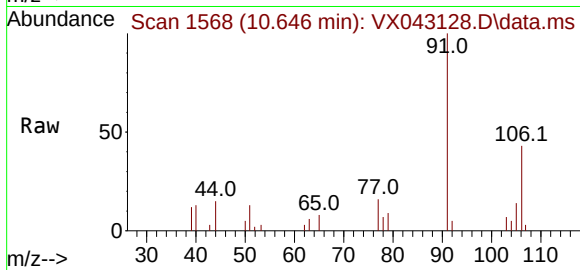




#69
o-Xylene
Concen: 0.591 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

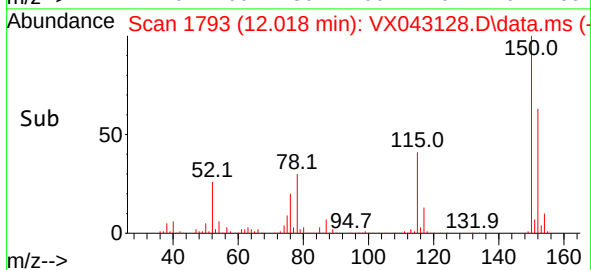
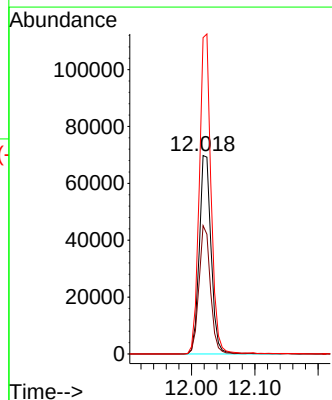
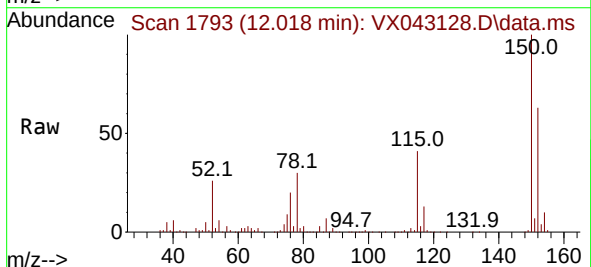
Instrument :
MSVOA_X
ClientSampleId :

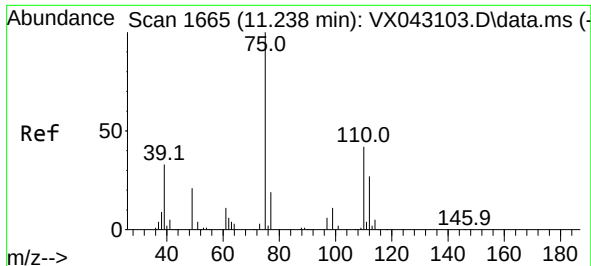
Tgt Ion:106 Resp: 1459
Ion Ratio Lower Upper
106 100
91 214.4 112.5 337.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

Tgt Ion:152 Resp: 90905
Ion Ratio Lower Upper
152 100
115 62.7 43.7 131.1
150 159.3 0.0 344.6

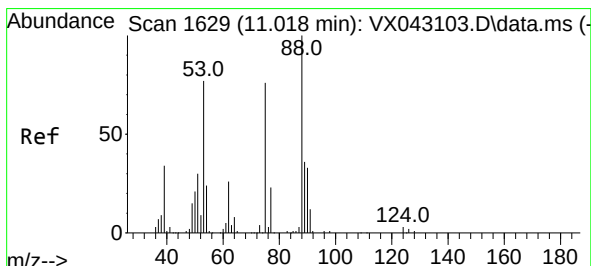
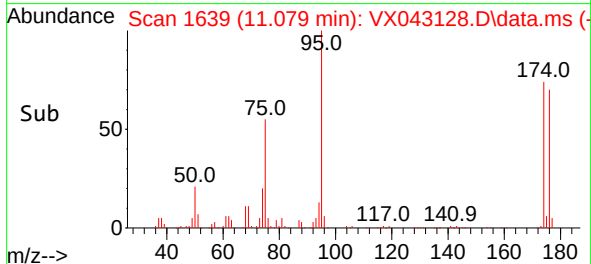
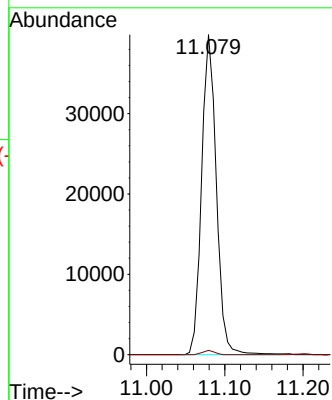
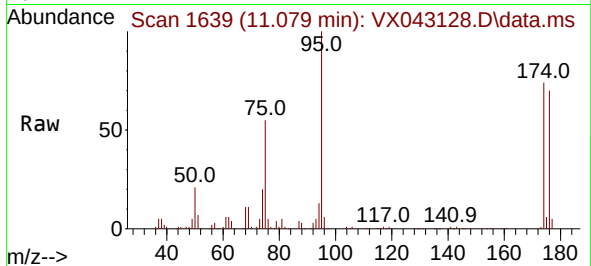




#76
1,2,3-Trichloropropane
Concen: 26.879 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

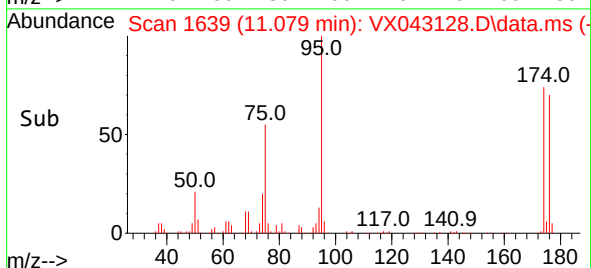
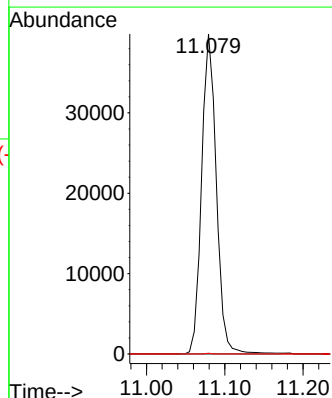
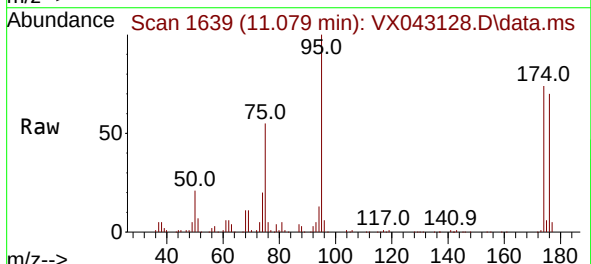
Instrument :
MSVOA_X
ClientSampleId :

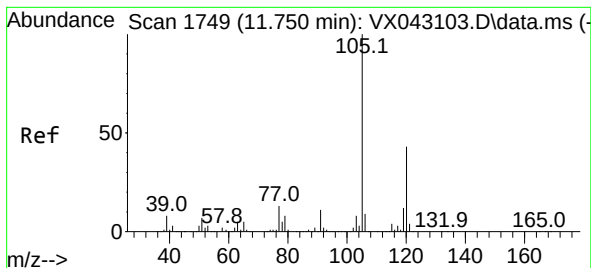
Tgt Ion: 75 Resp: 51949
Ion Ratio Lower Upper
75 100
77 1.1 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.041 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

Tgt Ion: 75 Resp: 51949
Ion Ratio Lower Upper
75 100
53 0.0 85.4 128.2#
89 0.1 38.8 58.2#





#84

1,2,4-Trimethylbenzene

Concen: 0.408 ug/l

RT: 11.756 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043128.D

Acq: 24 Sep 2024 17:21

Instrument :

MSVOA_X

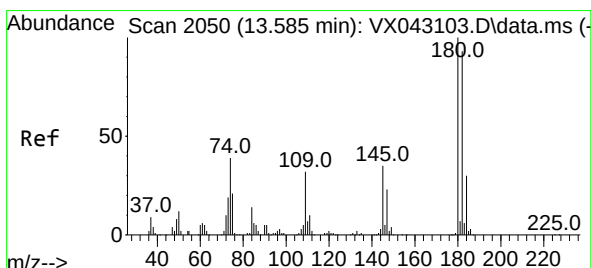
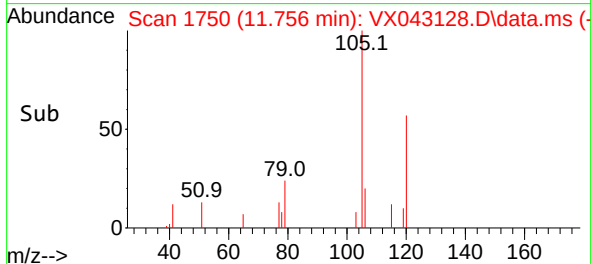
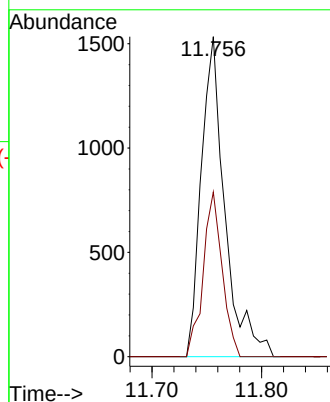
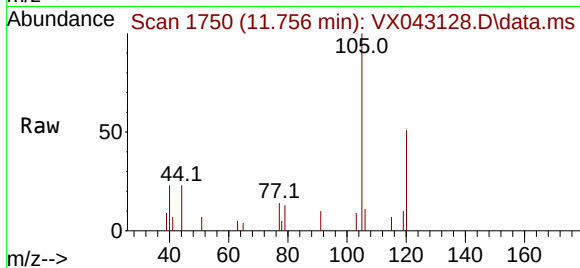
ClientSampleId :

Tgt Ion:105 Resp: 2291

Ion Ratio Lower Upper

105 100

120 41.4 21.8 65.4



#93

1,2,4-Trichlorobenzene

Concen: 0.201 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX043128.D

Acq: 24 Sep 2024 17:21

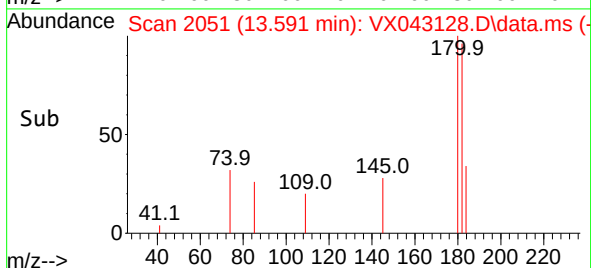
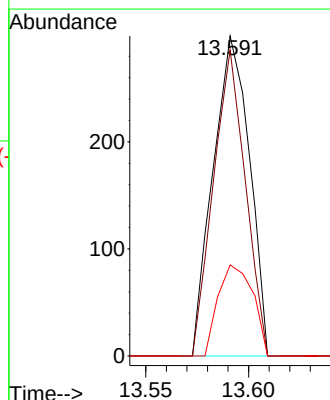
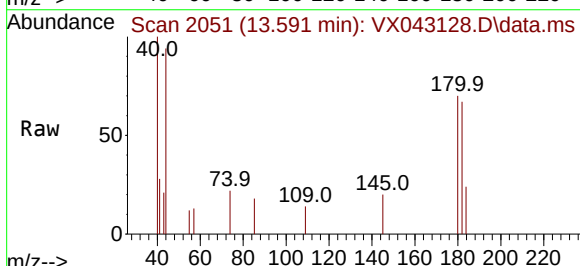
Tgt Ion:180 Resp: 367

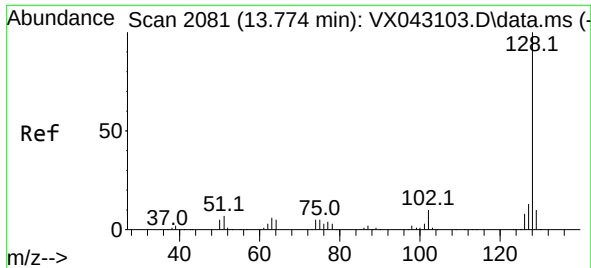
Ion Ratio Lower Upper

180 100

182 84.2 46.7 140.0

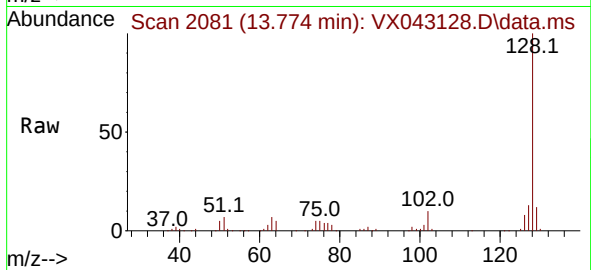
145 27.2 17.0 50.9





#95
Naphthalene
Concen: 10.799 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 68393
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.6 13.0

