

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
 Data File : VX044211.D
 Acq On : 10 Dec 2024 16:23
 Operator : JC/MD
 Sample : P5243-02 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1127-COMP

Quant Time: Dec 11 06:19:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	95440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	183207	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76008	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85286	52.100	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	104.200%	
35) Dibromofluoromethane	5.385	113	60005	45.837	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	91.680%	
50) Toluene-d8	8.647	98	229655	50.892	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	101.780%	
62) 4-Bromofluorobenzene	11.079	95	80583	52.471	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	104.940%	

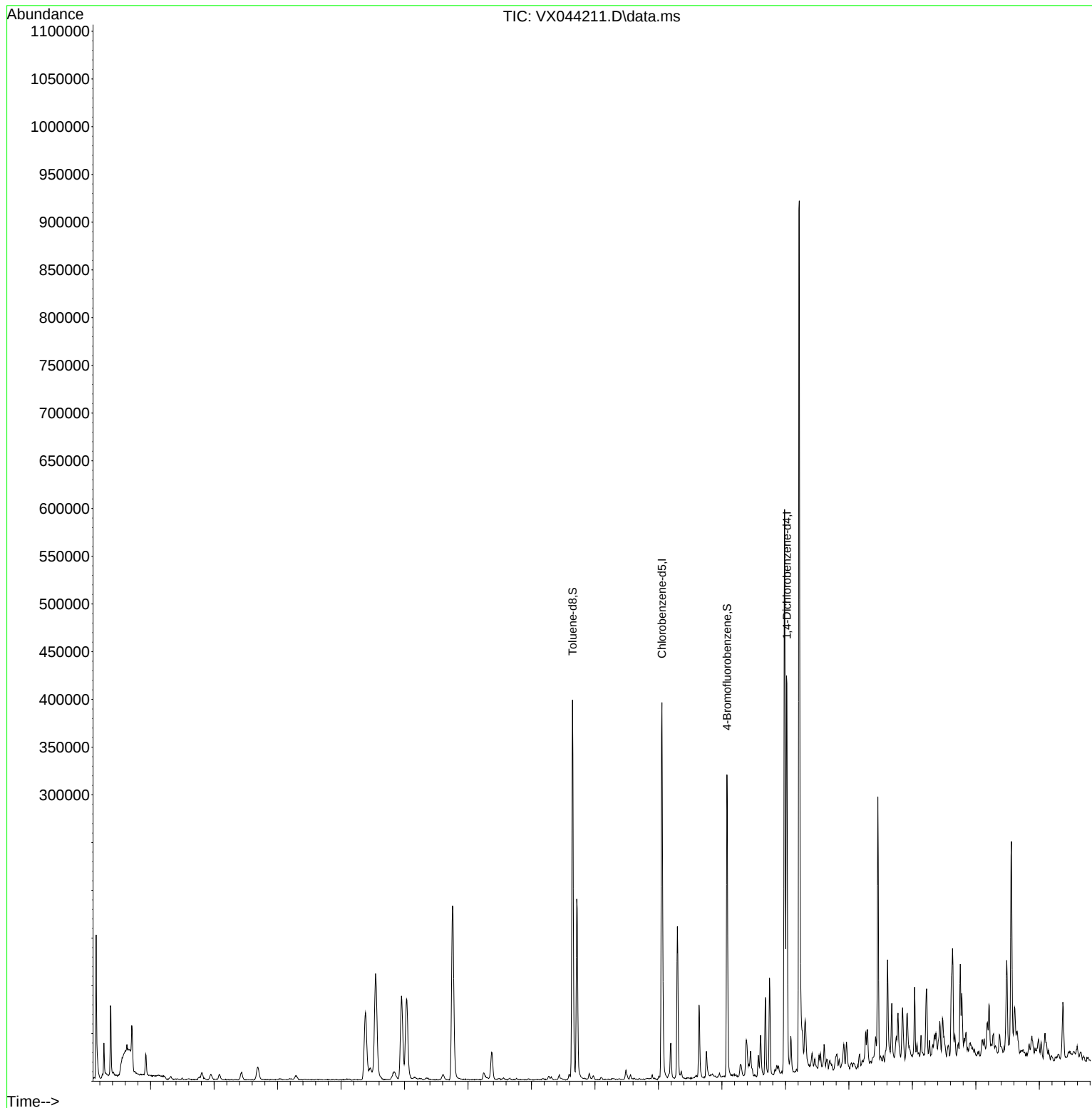
Target Compounds						Qvalue
17) Carbon Disulfide	2.495	76	1427	0.629	ug/l #	90
31) Cyclohexane	5.452	56	7398	4.055	ug/l	94
39) Methylcyclohexane	7.385	83	12188	5.751	ug/l #	81
40) Benzene	6.031	78	100020	19.684	ug/l	98
52) Toluene	8.714	92	70970	23.335	ug/l	100
67) Ethyl Benzene	10.195	91	20636	3.417	ug/l	99
68) m/p-Xylenes	10.299	106	36056	16.008	ug/l	100
69) o-Xylene	10.640	106	15904	7.232	ug/l	92
73) Isopropylbenzene	10.963	105	1868	0.320	ug/l	84
78) n-propylbenzene	11.305	91	5235	0.802	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	10930	2.274	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	42836	8.951	ug/l	98
85) sec-Butylbenzene	11.890	105	2423	0.415	ug/l #	67
89) n-Butylbenzene	12.329	91	5116	1.224	ug/l #	50
95) Naphthalene	13.774	128	21744	3.999	ug/l #	87

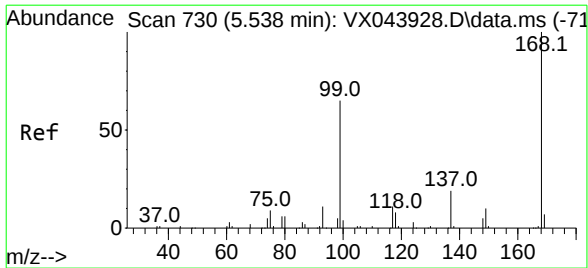
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
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Instrument :
MSVOA_X
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1127-COMP

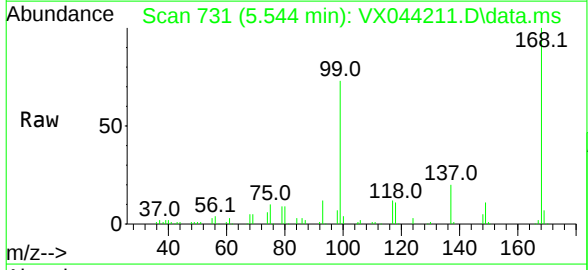
Quant Time: Dec 11 06:19:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



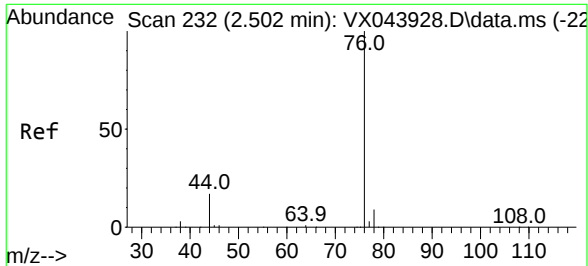
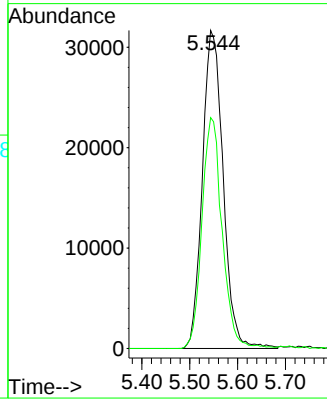
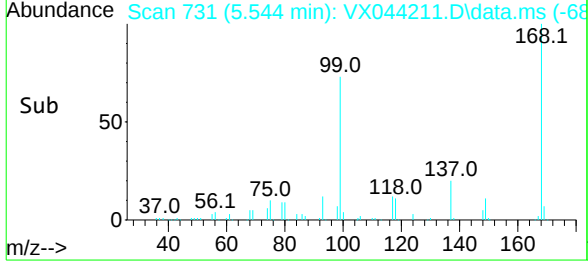


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044211.D
Acq: 10 Dec 2024 16:23

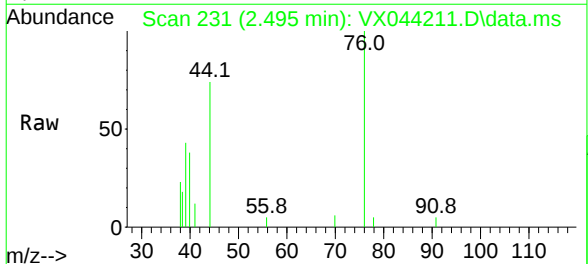
Instrument :
MSVOA_X
ClientSampleId :
1127-COMP



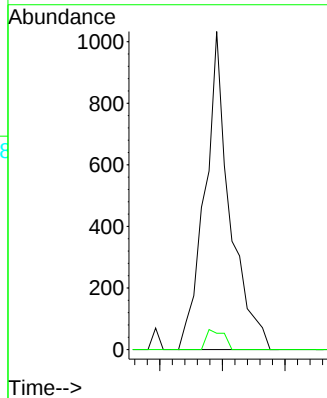
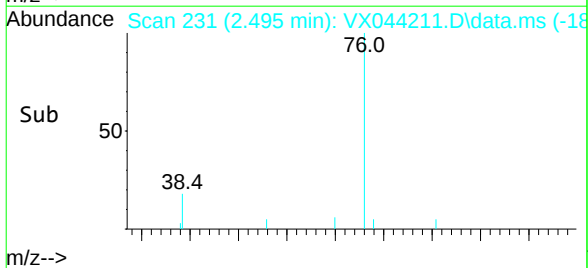
Tgt Ion:168 Resp: 95440
Ion Ratio Lower Upper
168 100
99 72.6 51.8 77.8

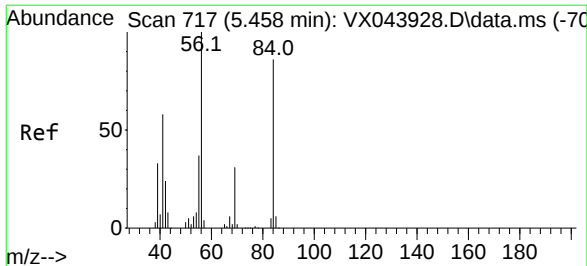


#17
Carbon Disulfide
Concen: 0.629 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX044211.D
Acq: 10 Dec 2024 16:23



Tgt Ion: 76 Resp: 1427
Ion Ratio Lower Upper
76 100
78 5.1 7.0 10.6#





#31

Cyclohexane

Concen: 4.055 ug/l

RT: 5.452 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX044211.D

Acq: 10 Dec 2024 16:23

Instrument :

MSVOA_X

ClientSampleId :

1127-COMP

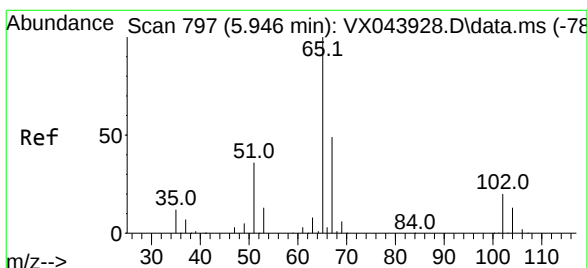
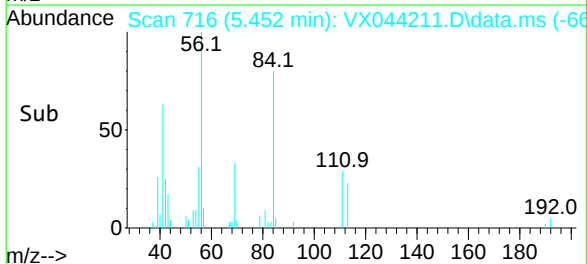
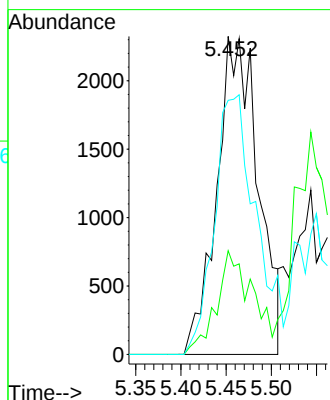
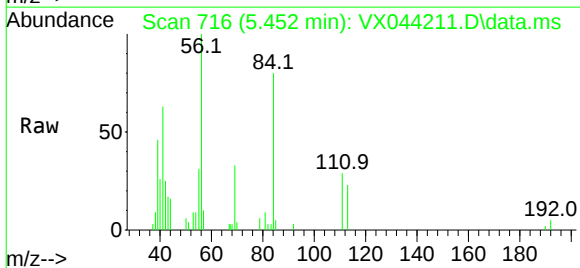
Tgt Ion: 56 Resp: 7398

Ion Ratio Lower Upper

56 100

69 32.6 24.7 37.1

84 79.9 68.7 103.1



#33

1,2-Dichloroethane-d4

Concen: 52.100 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044211.D

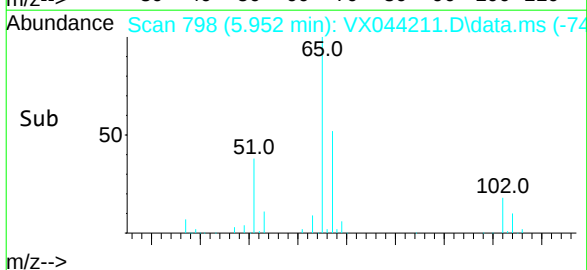
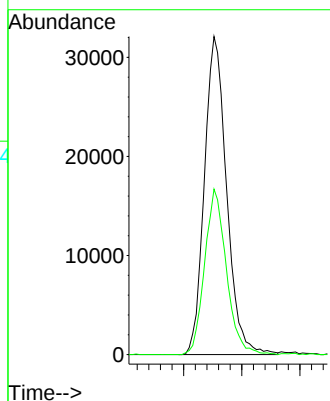
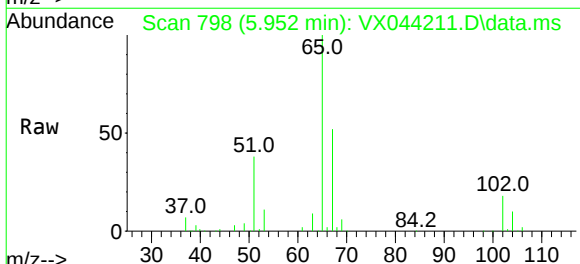
Acq: 10 Dec 2024 16:23

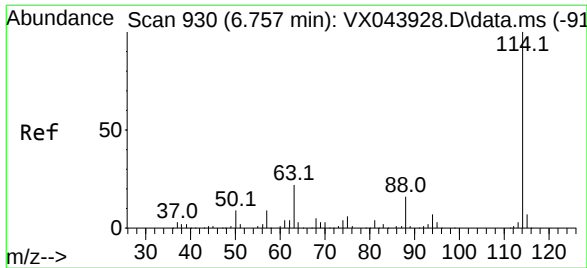
Tgt Ion: 65 Resp: 85286

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.8

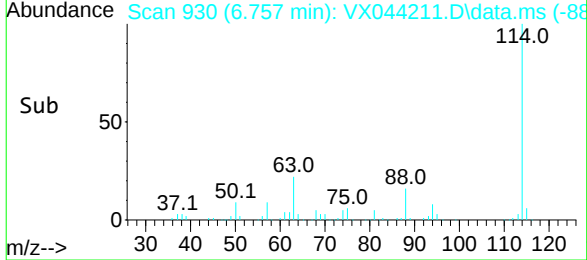
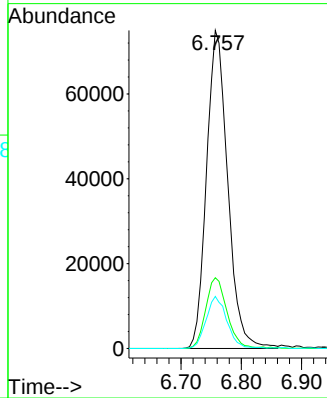
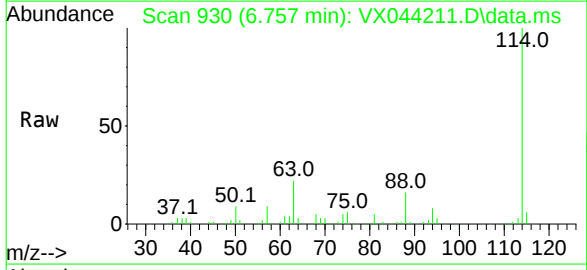




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 93
Delta R.T. -0.000 min
Lab File: VX044211.D
Acq: 10 Dec 2024 16:23

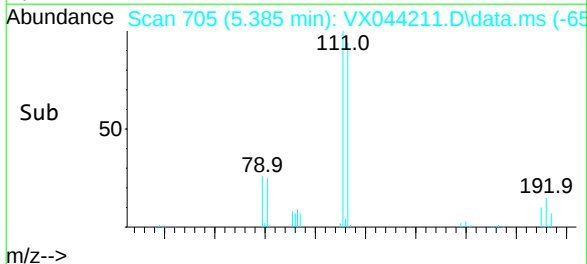
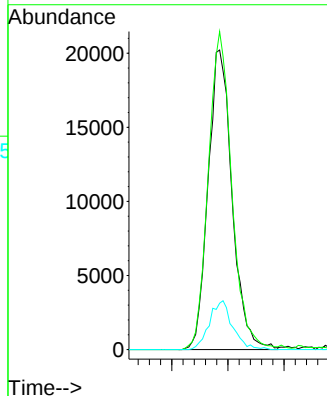
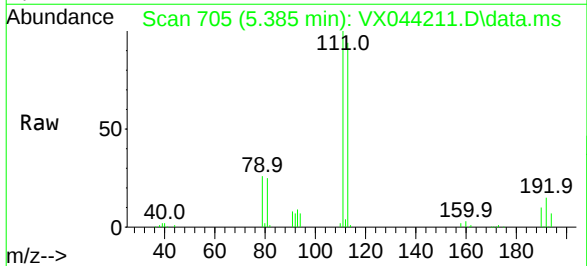
Instrument :
MSVOA_X
ClientSampleId :
1127-COMP

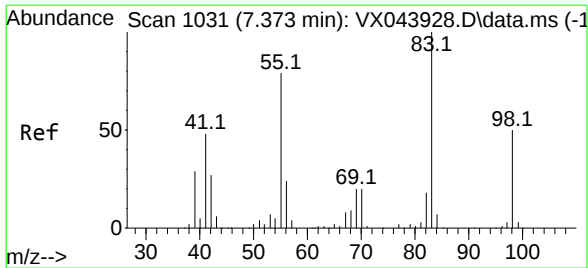
Tgt Ion:	114	Resp:	183207
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.0
88	16.4	0.0	32.4



#35
Dibromofluoromethane
Concen: 45.837 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044211.D
Acq: 10 Dec 2024 16:23

Tgt Ion:	113	Resp:	60005
Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.0	121.4
192	15.8	13.0	19.6

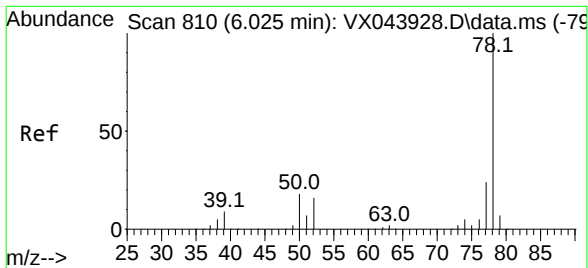
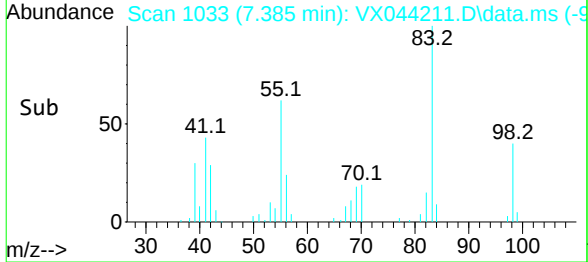
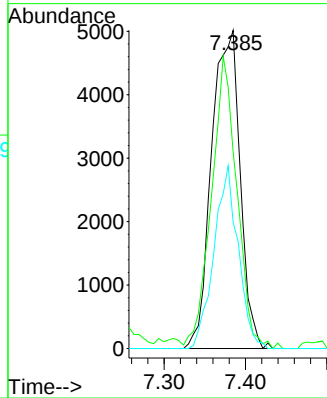
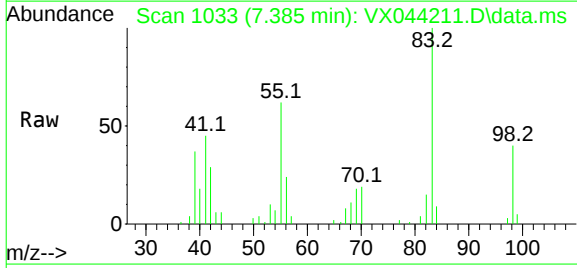




#39
Methylcyclohexane
Concen: 5.751 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.012 min
Lab File: VX044211.D
Acq: 10 Dec 2024 16:23

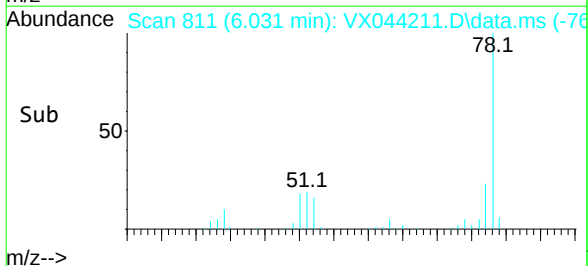
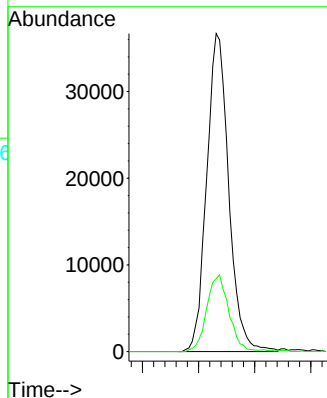
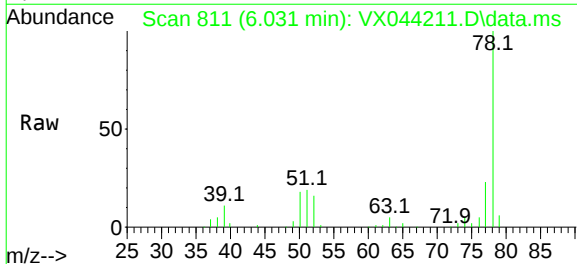
Instrument :
MSVOA_X
ClientSampleId :
1127-COMP

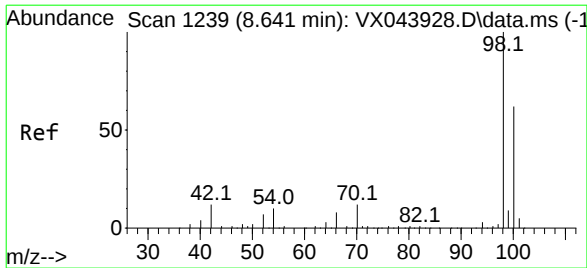
Tgt Ion	Ratio	Lower	Upper
83	100		
55	60.1	63.1	94.7#
98	39.7	40.0	60.0#



#40
Benzene
Concen: 19.684 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX044211.D
Acq: 10 Dec 2024 16:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.2	28.8

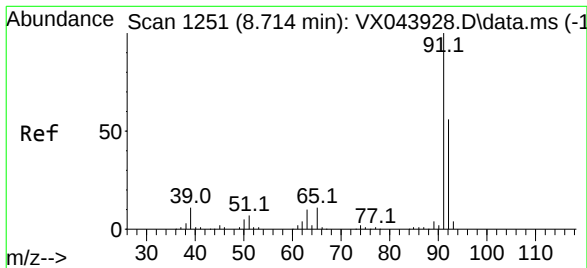
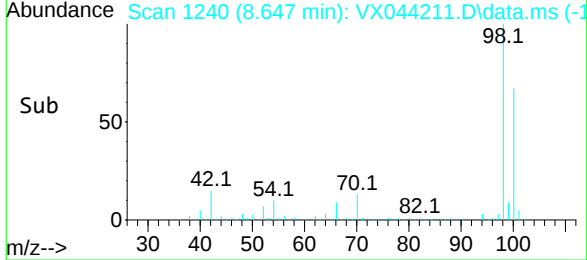
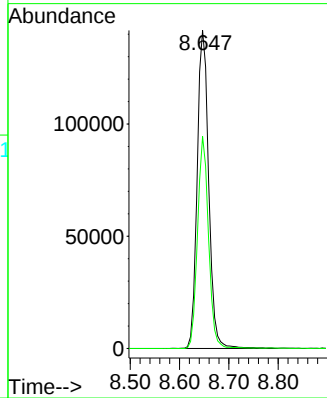
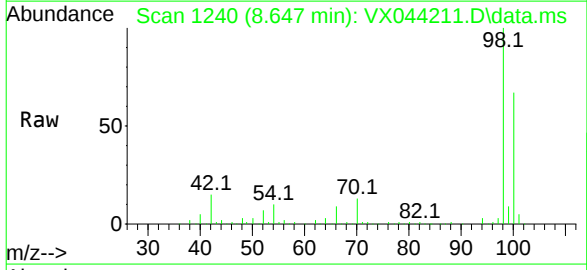




#50
Toluene-d8
Concen: 50.892 ug/l
RT: 8.647 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VX044211.D
Acq: 10 Dec 2024 16:23

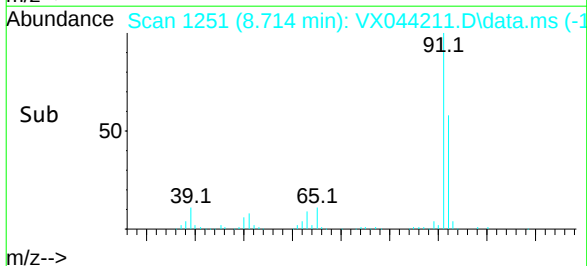
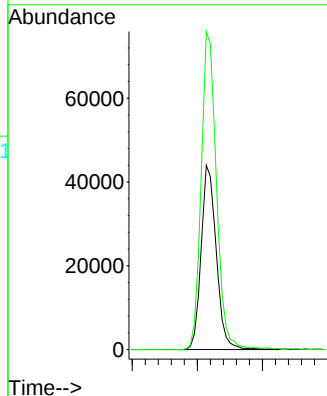
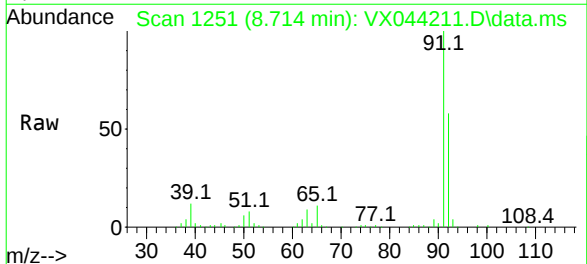
Instrument :
MSVOA_X
ClientSampleId :
1127-COMP

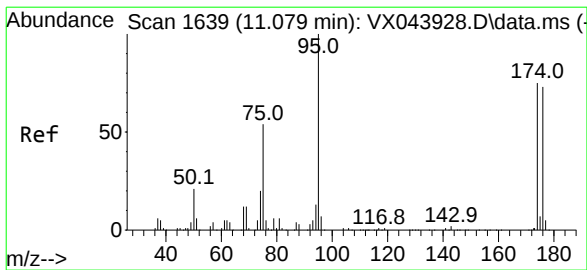
Tgt Ion: 98 Resp: 229655
Ion Ratio Lower Upper
98 100
100 63.7 52.6 79.0



#52
Toluene
Concen: 23.335 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044211.D
Acq: 10 Dec 2024 16:23

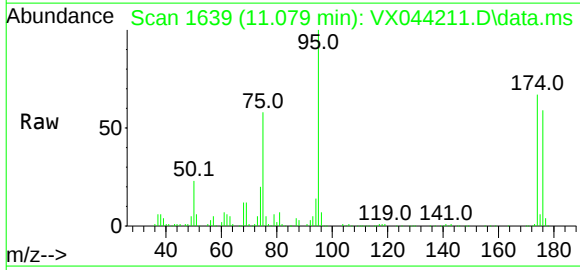
Tgt Ion: 92 Resp: 70970
Ion Ratio Lower Upper
92 100
91 175.1 139.7 209.5



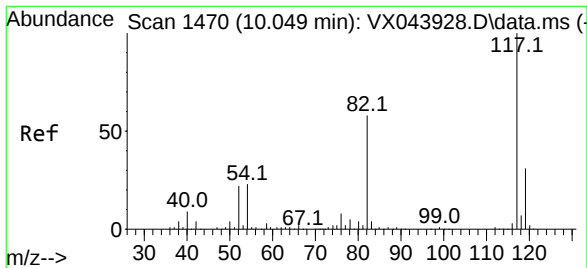
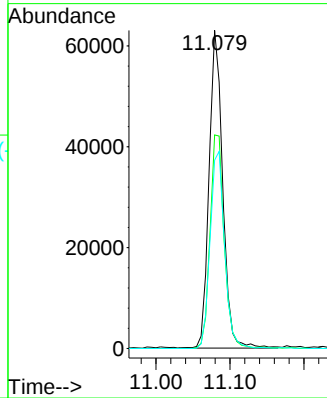
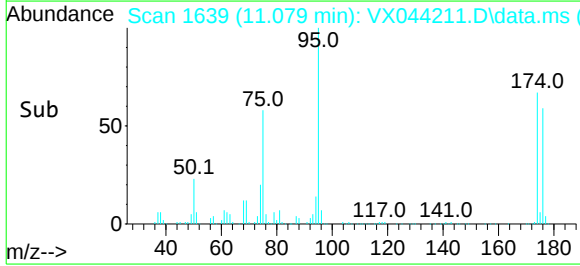


#62
4-Bromofluorobenzene
Concen: 52.471 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044211.D
Acq: 10 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
1127-COMP

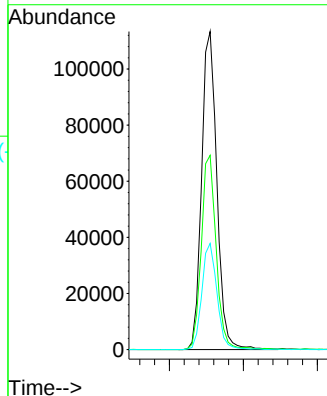
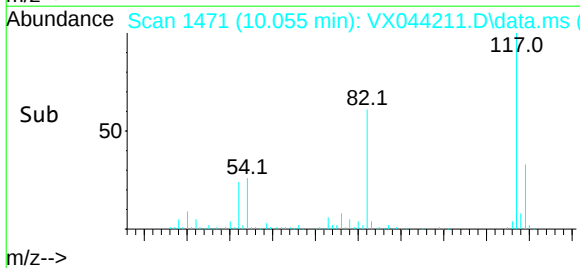
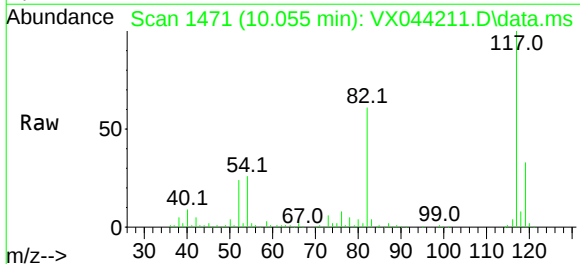


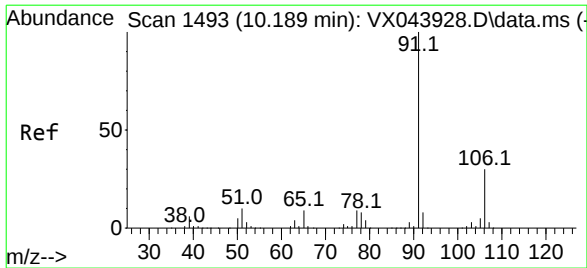
Tgt Ion: 95 Resp: 80583
Ion Ratio Lower Upper
95 100
174 69.7 0.0 150.4
176 66.0 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044211.D
Acq: 10 Dec 2024 16:23

Tgt Ion: 117 Resp: 162294
Ion Ratio Lower Upper
117 100
82 61.1 46.4 69.6
119 33.4 24.6 37.0

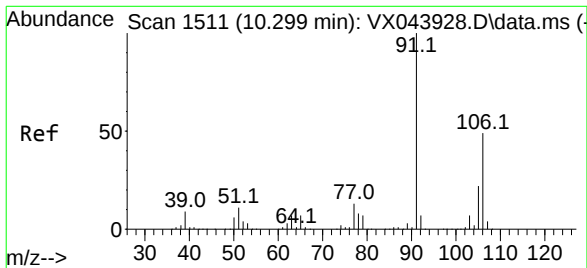
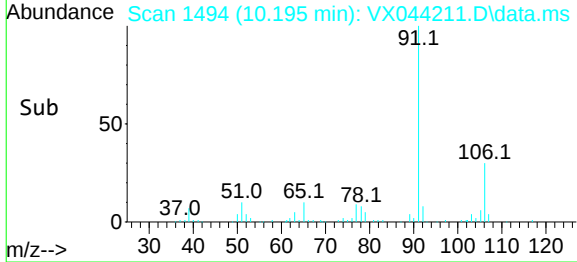
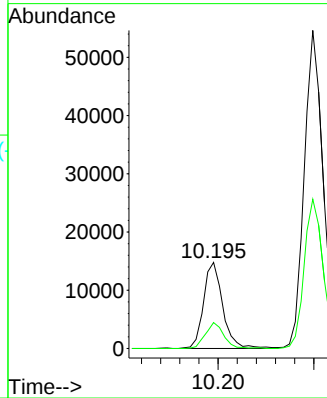
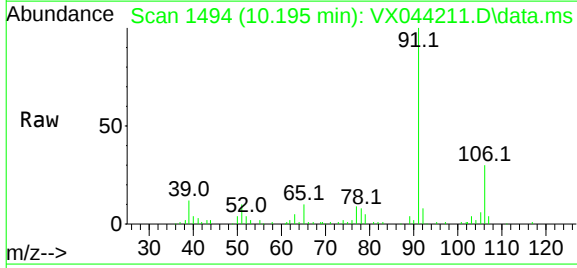




#67
Ethyl Benzene
Concen: 3.417 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX044211.D
Acq: 10 Dec 2024 16:23

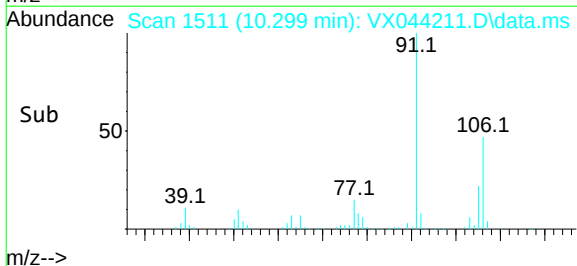
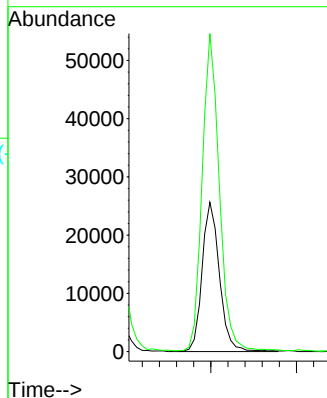
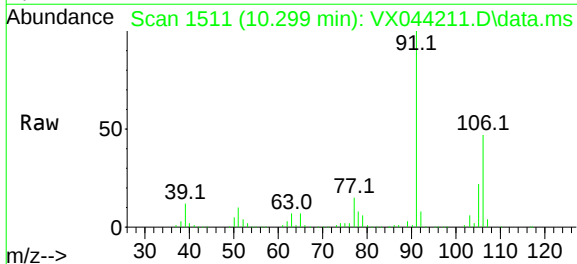
Instrument :
MSVOA_X
ClientSampleId :
1127-COMP

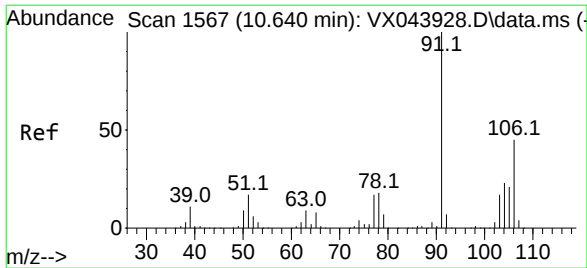
Tgt Ion: 91 Resp: 20636
Ion Ratio Lower Upper
91 100
106 30.1 23.6 35.4



#68
m/p-Xylenes
Concen: 16.008 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044211.D
Acq: 10 Dec 2024 16:23

Tgt Ion: 106 Resp: 36056
Ion Ratio Lower Upper
106 100
91 209.8 168.1 252.1





#69

o-Xylene

Concen: 7.232 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044211.D

Acq: 10 Dec 2024 16:23

Instrument :

MSVOA_X

ClientSampleId :

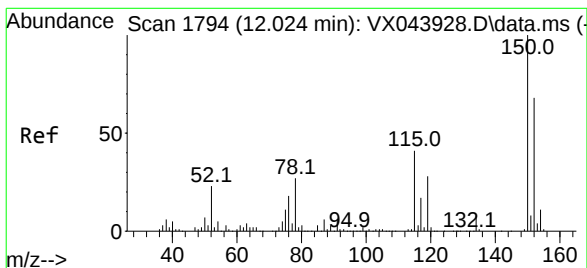
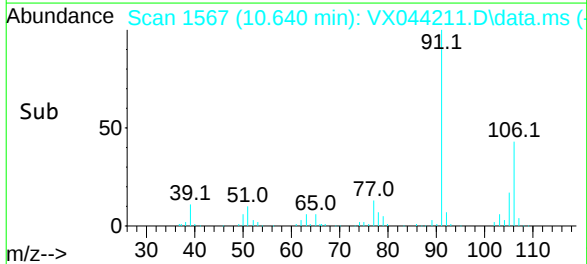
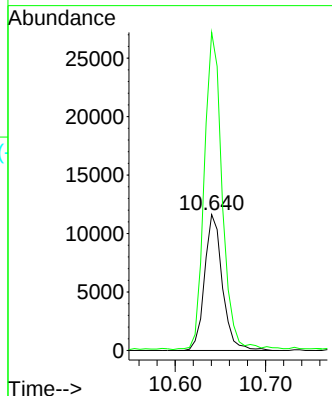
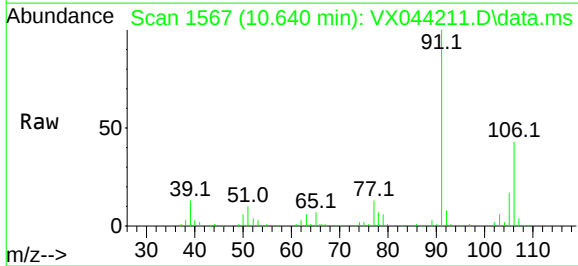
1127-COMP

Tgt Ion:106 Resp: 15904

Ion Ratio Lower Upper

106 100

91 233.9 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX044211.D

Acq: 10 Dec 2024 16:23

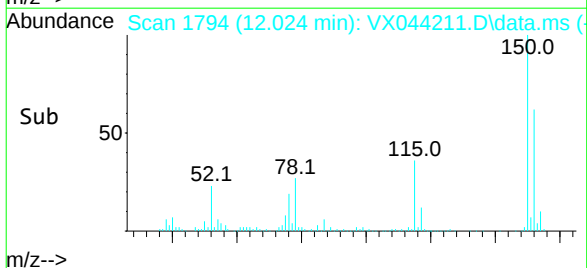
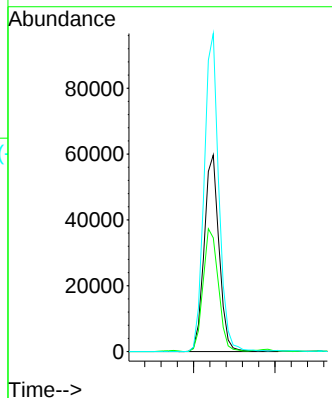
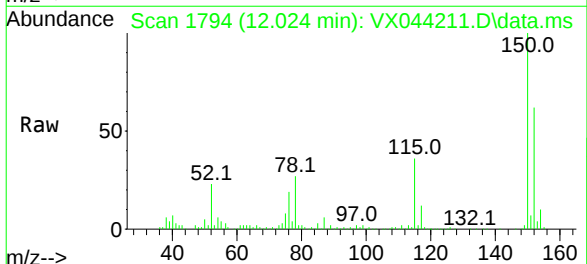
Tgt Ion:152 Resp: 76008

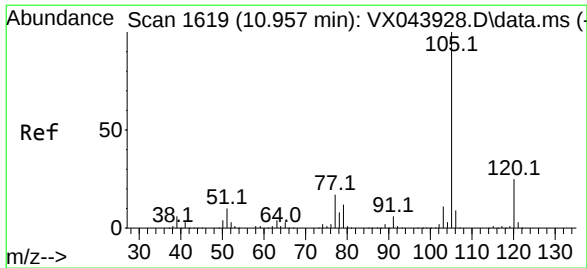
Ion Ratio Lower Upper

152 100

115 63.8 45.4 136.2

150 159.2 0.0 353.0

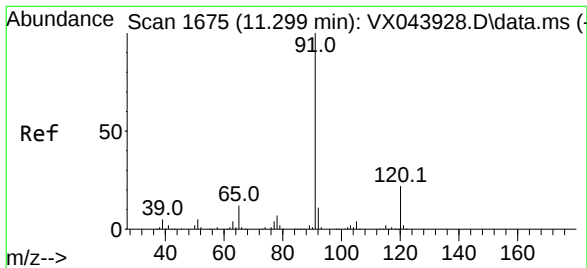
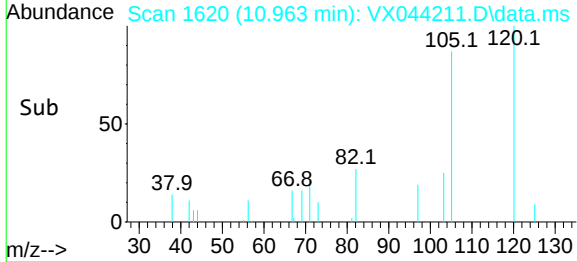
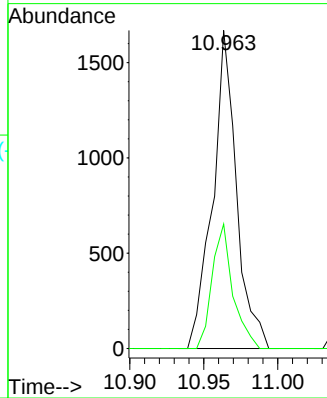
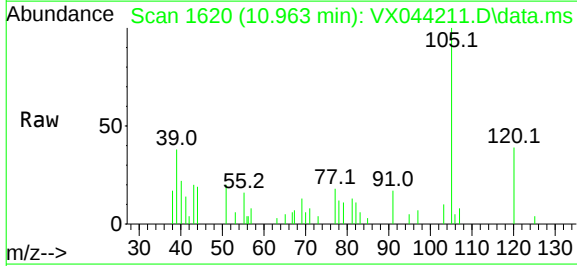




#73
Isopropylbenzene
Concen: 0.320 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX044211.D
Acq: 10 Dec 2024 16:23

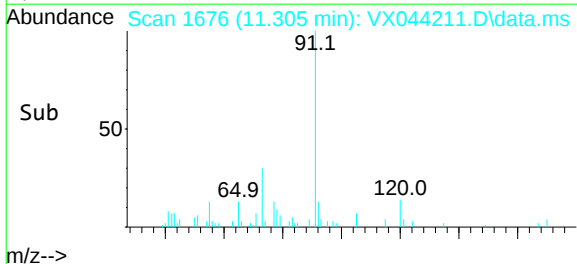
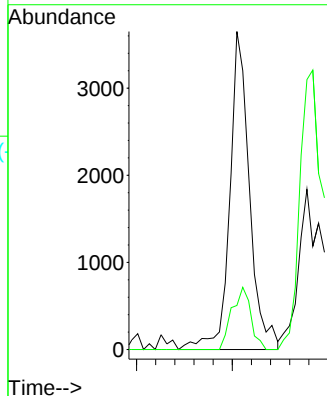
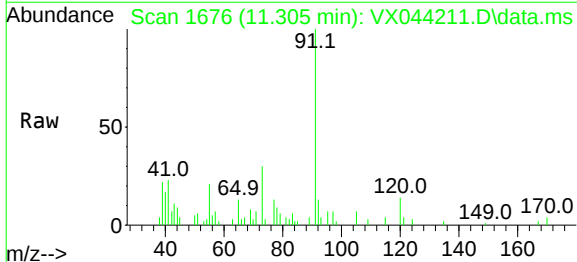
Instrument :
MSVOA_X
ClientSampleId :
1127-COMP

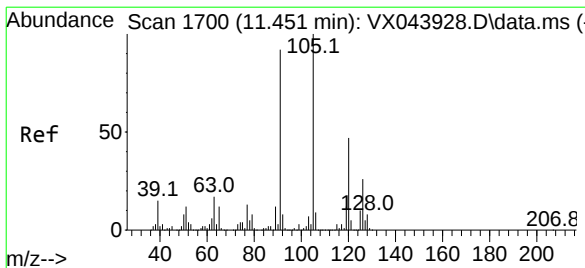
Tgt Ion:105 Resp: 1868
Ion Ratio Lower Upper
105 100
120 34.0 13.0 38.9



#78
n-propylbenzene
Concen: 0.802 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044211.D
Acq: 10 Dec 2024 16:23

Tgt Ion: 91 Resp: 5235
Ion Ratio Lower Upper
91 100
120 18.8 11.5 34.4

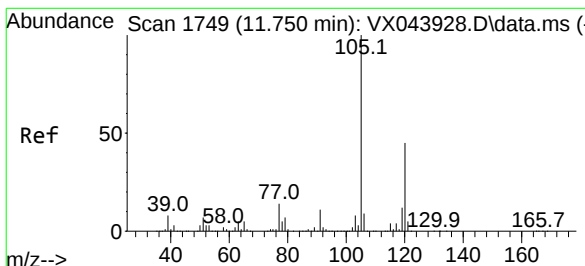
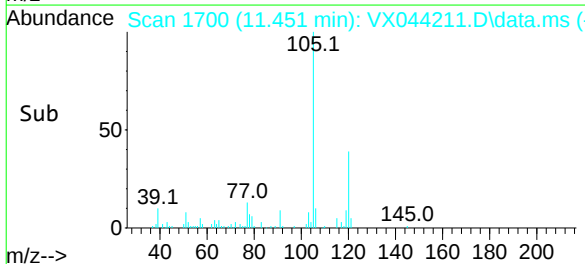
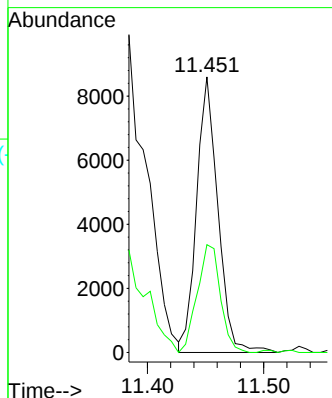
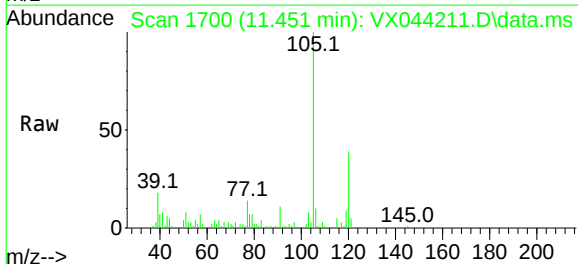




#80
1,3,5-Trimethylbenzene
Concen: 2.274 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044211.D
Acq: 10 Dec 2024 16:23

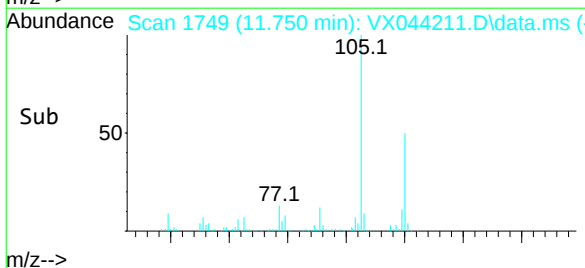
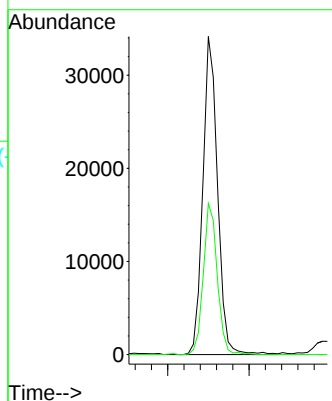
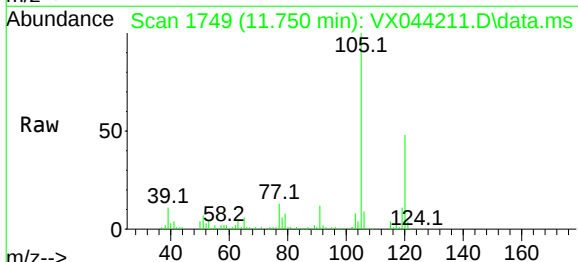
Instrument :
MSVOA_X
ClientSampleId :
1127-COMP

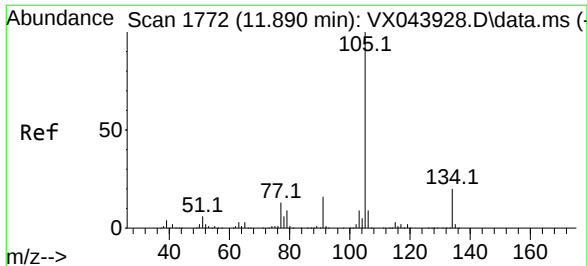
Tgt Ion:105 Resp: 10930
Ion Ratio Lower Upper
105 100
120 42.6 23.3 69.8



#84
1,2,4-Trimethylbenzene
Concen: 8.951 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044211.D
Acq: 10 Dec 2024 16:23

Tgt Ion:105 Resp: 42836
Ion Ratio Lower Upper
105 100
120 45.1 21.9 65.7

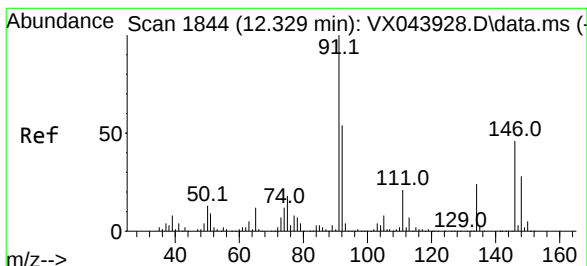
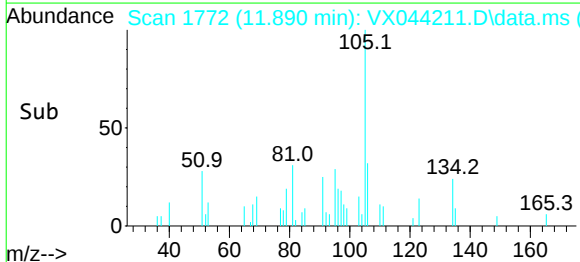
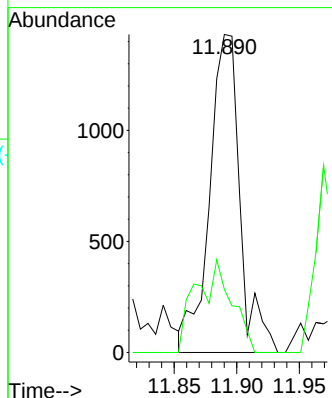
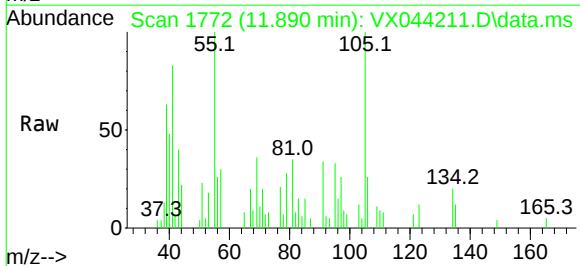




#85
 sec-Butylbenzene
 Concen: 0.415 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX044211.D
 Acq: 10 Dec 2024 16:23

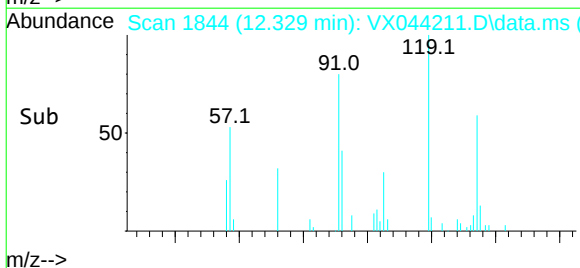
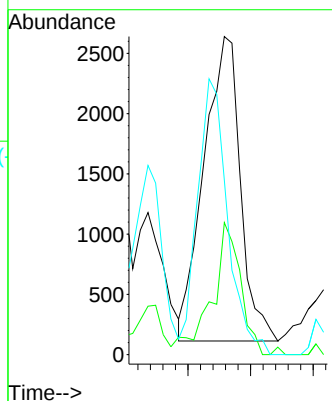
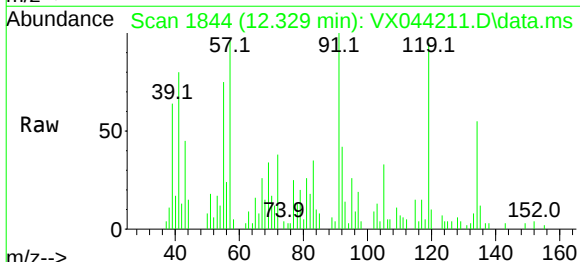
Instrument :
 MSVOA_X
 ClientSampleId :
 1127-COMP

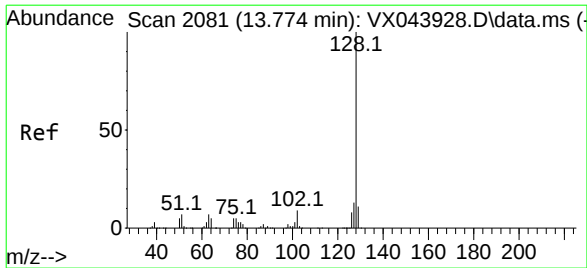
Tgt Ion: 105 Resp: 2423
 Ion Ratio Lower Upper
 105 100
 134 34.4 9.7 29.1#



#89
 n-Butylbenzene
 Concen: 1.224 ug/l
 RT: 12.329 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VX044211.D
 Acq: 10 Dec 2024 16:23

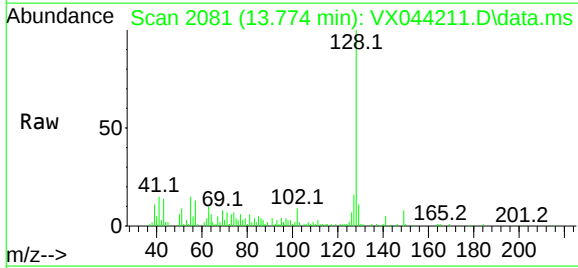
Tgt Ion: 91 Resp: 5116
 Ion Ratio Lower Upper
 91 100
 92 33.9 26.6 79.8
 134 74.6 12.4 37.2#





#95
Naphthalene
Concen: 3.999 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044211.D
Acq: 10 Dec 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
1127-COMP



Tgt Ion:	128	Resp:	21744
Ion	Ratio	Lower	Upper
128	100		
127	18.8	10.2	15.2#
129	14.4	8.6	12.8#

