

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
 Data File : VX026374.D
 Acq On : 06 Jan 2022 15:30
 Operator : JC/MD
 Sample : N1019-06DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 07 04:14:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

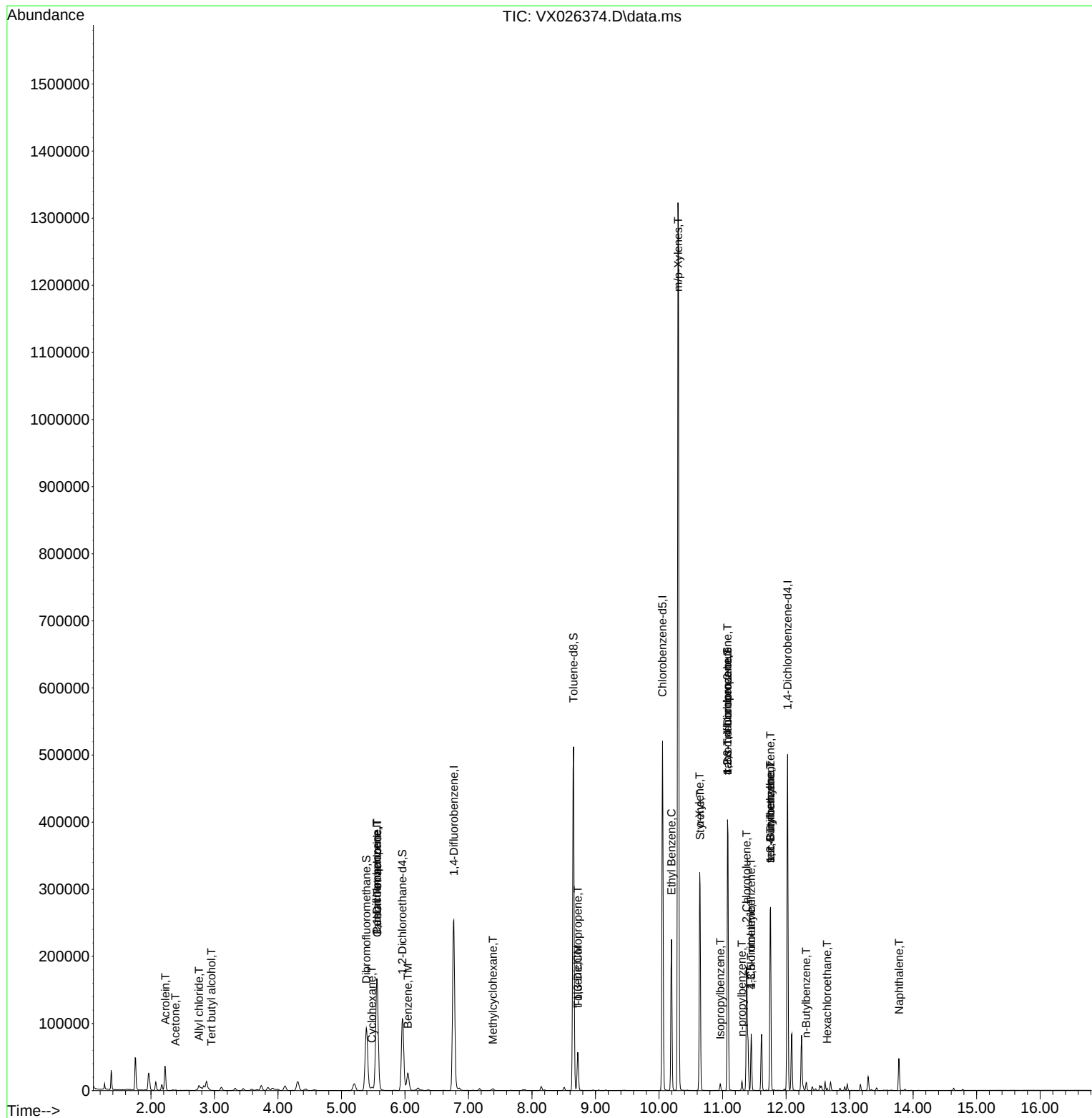
Internal Standards						
1) Pentafluorobenzene	5.556	168	150571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	254148	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109410	50.227	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.460%		
35) Dibromofluoromethane	5.391	113	81209	49.149	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.300%		
50) Toluene-d8	8.653	98	294064	47.847	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 95.700%		
62) 4-Bromofluorobenzene	11.079	95	110995	50.732	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.460%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.952	59	245	0.563	ug/l #	73
13) Acrolein	2.227	56	924	5.939	ug/l #	1
14) Allyl chloride	2.757	41	1272	0.386	ug/l #	1
16) Acetone	2.385	43	1006	0.852	ug/l	99
20) Methylene Chloride	2.794	84	641	Below Cal		90
31) Cyclohexane	5.476	56	3234	1.043	ug/l	95
36) 1,1-Dichloropropene	5.556	75	12787	4.798	ug/l #	50
38) Carbon Tetrachloride	5.562	117	16155	5.450	ug/l #	16
39) Methylcyclohexane	7.384	83	1220	0.406	ug/l	99
40) Benzene	6.043	78	30034	3.949	ug/l	91
52) Toluene	8.720	92	20764	4.435	ug/l	97
53) t-1,3-Dichloropropene	8.720	75	306	1.987	ug/l #	1
67) Ethyl Benzene	10.195	91	125625	14.477	ug/l	98
68) m/p-Xylenes	10.299	106	301351	93.008	ug/l	92
69) o-Xylene	10.640	106	68965	21.754	ug/l	92
70) Styrene	10.646	104	3370	0.648	ug/l #	1
73) Isopropylbenzene	10.963	105	4961	0.652	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	58042	24.564	ug/l #	39
78) n-propylbenzene	11.305	91	8567	0.979	ug/l	96
79) 2-Chlorotoluene	11.378	91	15326	2.846	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	33976	5.381	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	58042	71.064	ug/l #	10
82) 4-Chlorotoluene	11.451	91	3890	0.640	ug/l #	44
83) tert-Butylbenzene	11.756	119	13820	2.255	ug/l #	46
84) 1,2,4-Trimethylbenzene	11.756	105	123601	19.590	ug/l	98
85) sec-Butylbenzene	11.756	105	123601	16.160	ug/l #	56
89) n-Butylbenzene	12.317	91	1409	0.249	ug/l #	1
90) Hexachloroethane	12.646	117	1260	0.989	ug/l #	14
95) Naphthalene	13.780	128	30209	3.993	ug/l	99

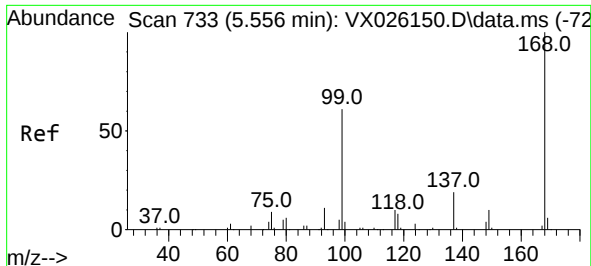
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
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Instrument :
MSVOA_X
ClientSampleId :

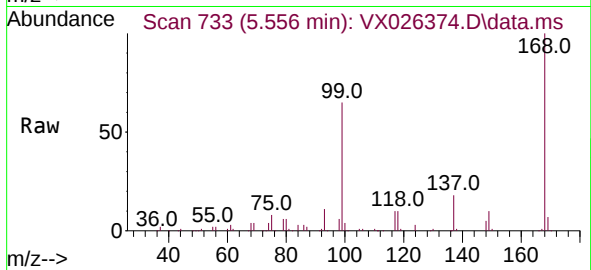
Quant Time: Jan 07 04:14:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



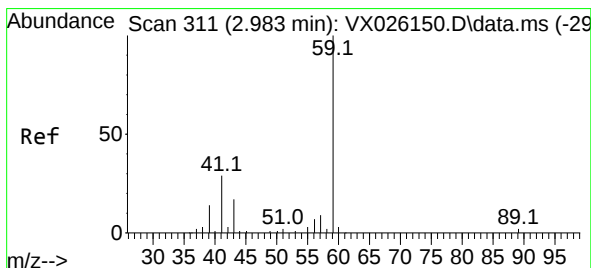
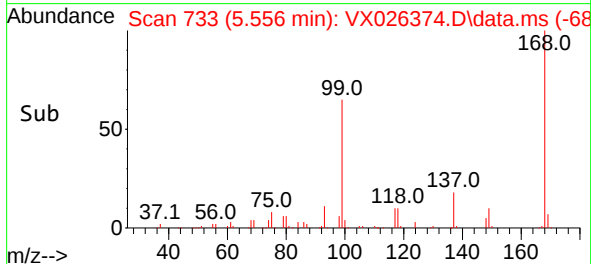
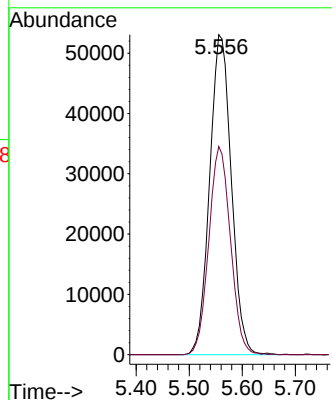


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

Instrument :
MSVOA_X
ClientSampleId :

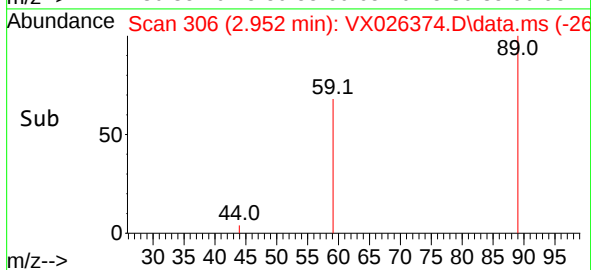
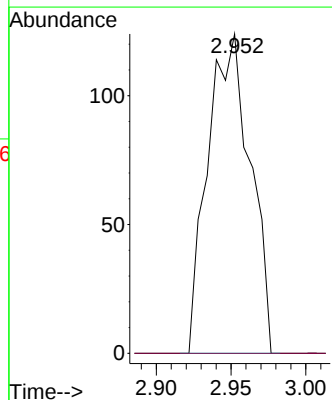
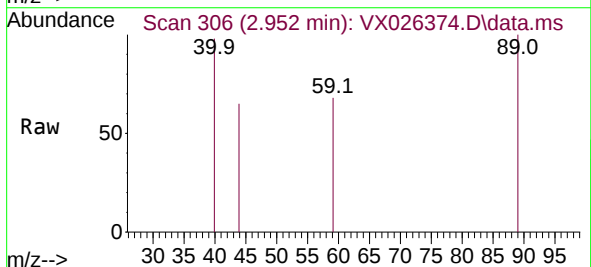


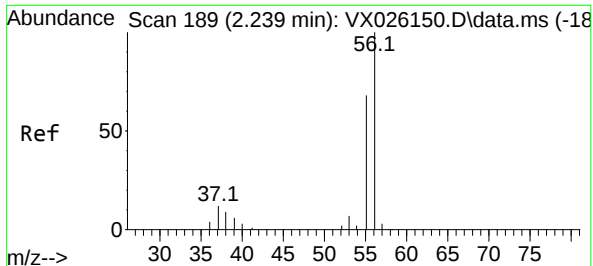
Tgt Ion:168 Resp: 150571
Ion Ratio Lower Upper
168 100
99 65.1 45.8 68.8



#11
Tert butyl alcohol
Concen: 0.563 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

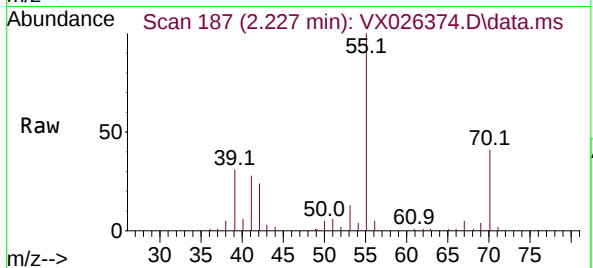
Tgt Ion: 59 Resp: 245
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



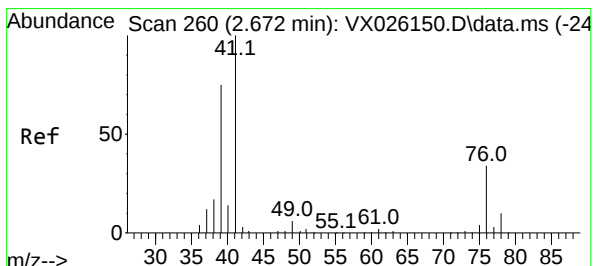
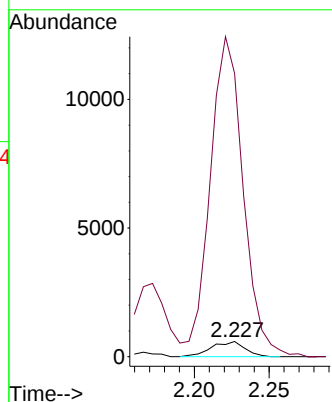
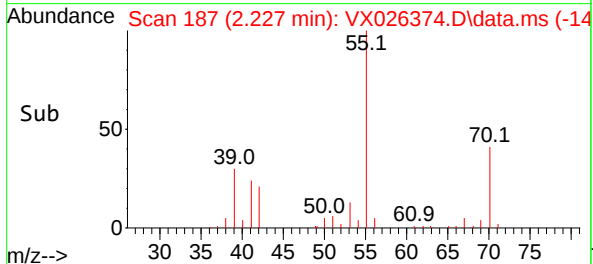


#13
Acrolein
Concen: 5.939 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

Instrument :
MSVOA_X
ClientSampleId :

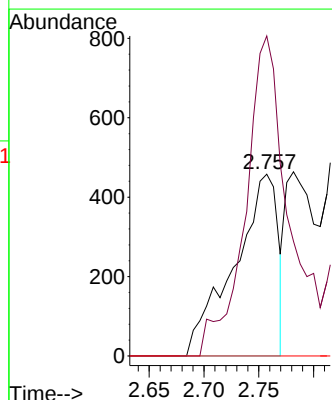
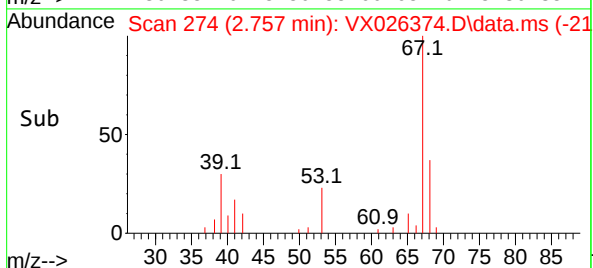
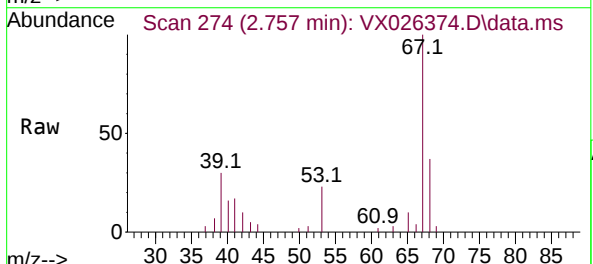


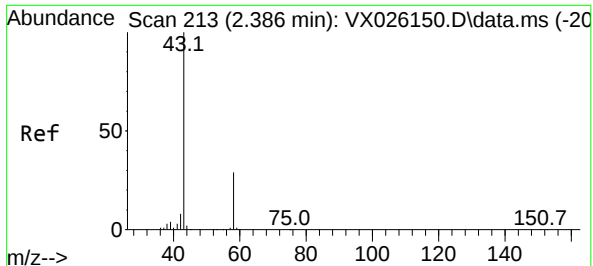
Tgt Ion: 56 Resp: 924
Ion Ratio Lower Upper
56 100
55 2071.4 57.4 86.2#



#14
Allyl chloride
Concen: 0.386 ug/l
RT: 2.757 min Scan# 274
Delta R.T. 0.085 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

Tgt Ion: 41 Resp: 1272
Ion Ratio Lower Upper
41 100
39 171.5 55.4 83.0#
76 0.0 27.6 41.4#

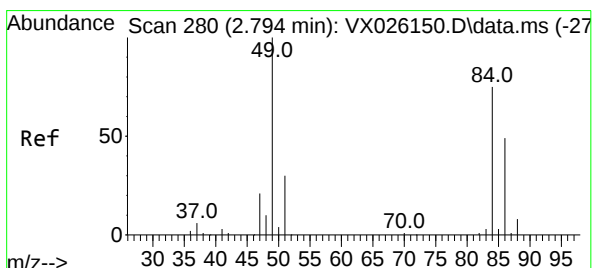
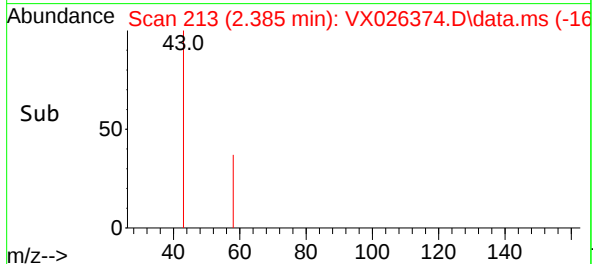
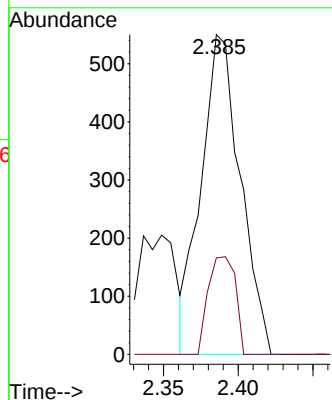
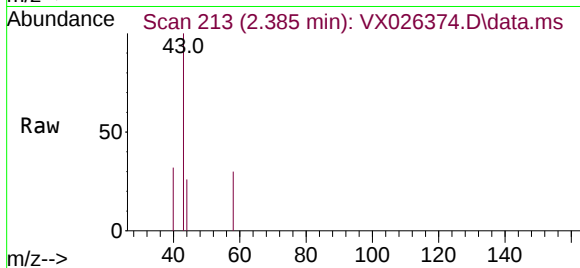




#16
Acetone
Concen: 0.852 ug/l
RT: 2.385 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

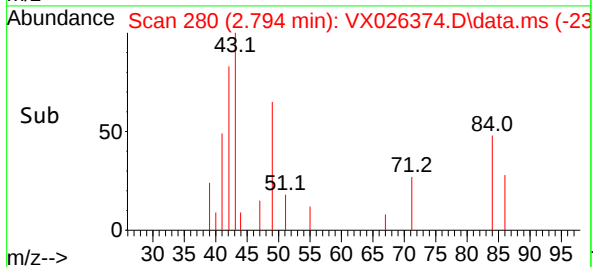
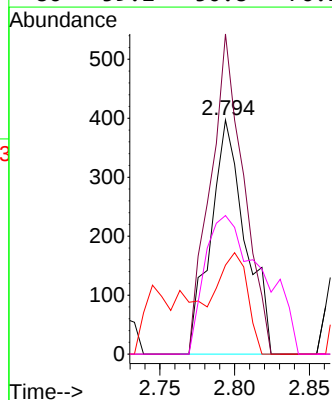
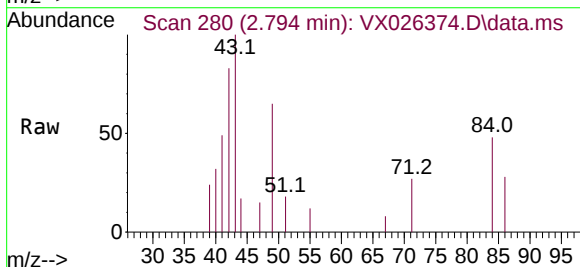
Instrument :
MSVOA_X
ClientSampleId :

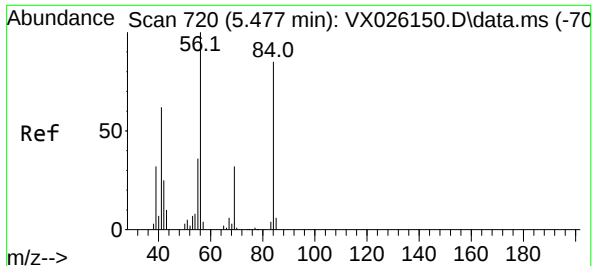
Tgt Ion: 43 Resp: 1006
Ion Ratio Lower Upper
43 100
58 30.2 24.8 37.2



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

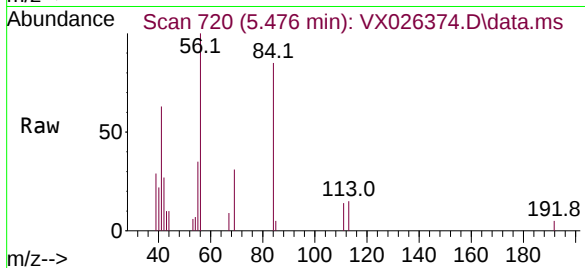
Tgt Ion: 84 Resp: 641
Ion Ratio Lower Upper
84 100
49 136.8 97.1 145.7
51 38.0 29.3 43.9
86 59.2 50.8 76.2





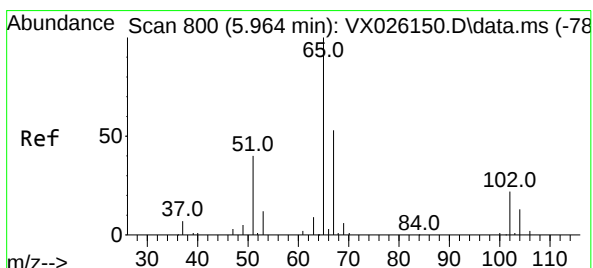
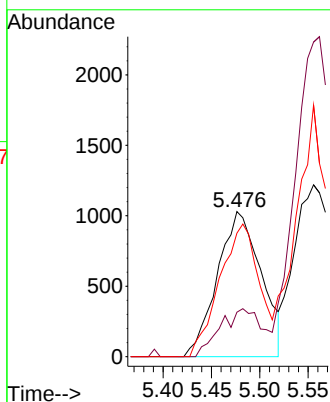
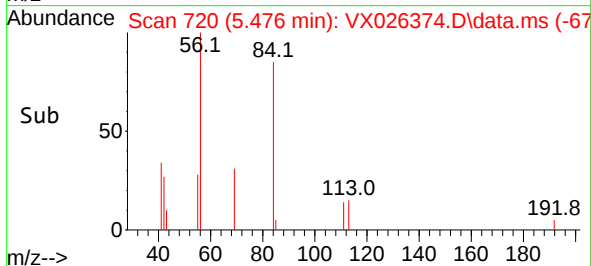
#31
Cyclohexane
Concen: 1.043 ug/l
RT: 5.476 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 56 Resp: 3234

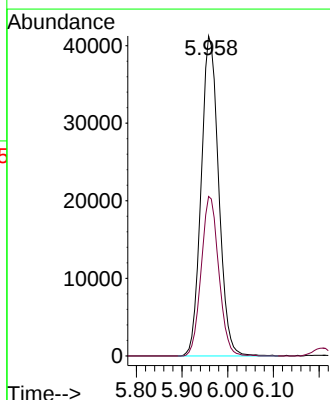
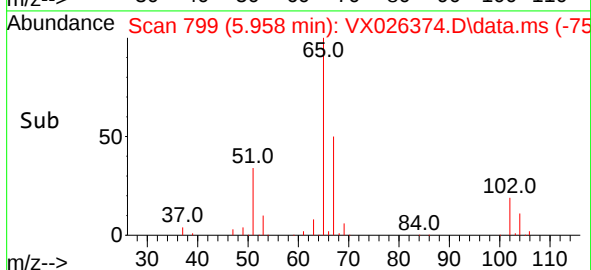
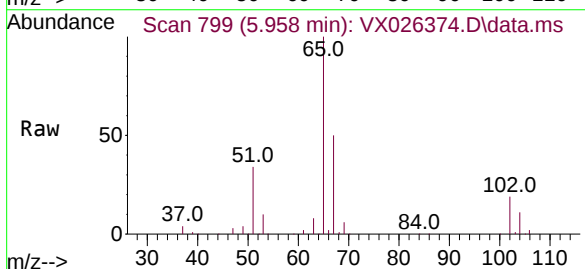
Ion	Ratio	Lower	Upper
56	100		
69	30.7	23.9	35.9
84	85.1	73.2	109.8

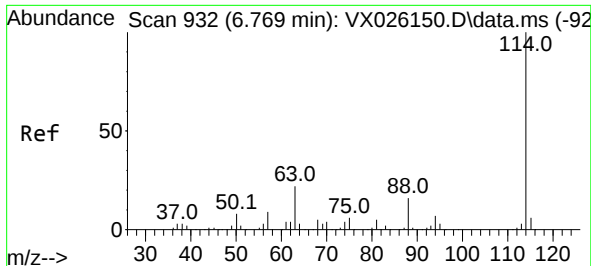


#33
1,2-Dichloroethane-d4
Concen: 50.227 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

Tgt Ion: 65 Resp: 109410

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	103.4

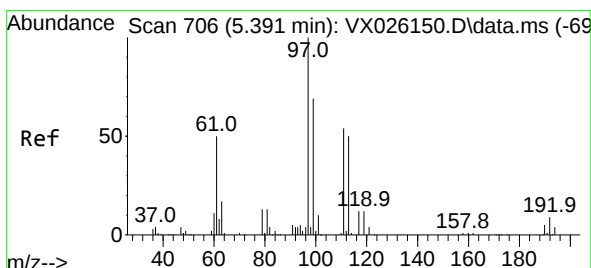
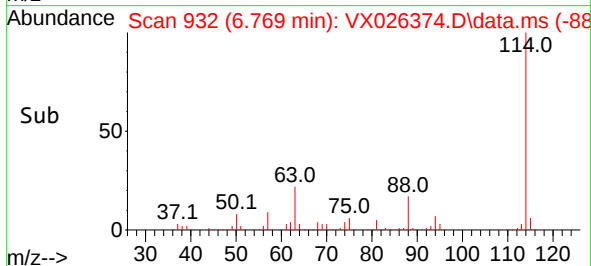
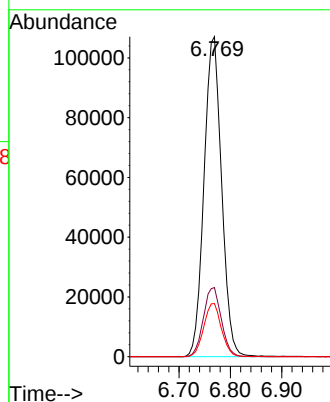
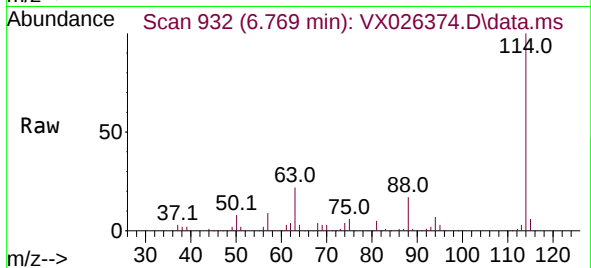




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

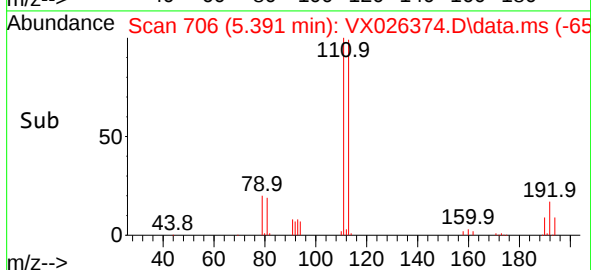
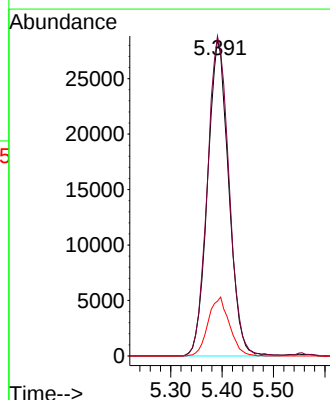
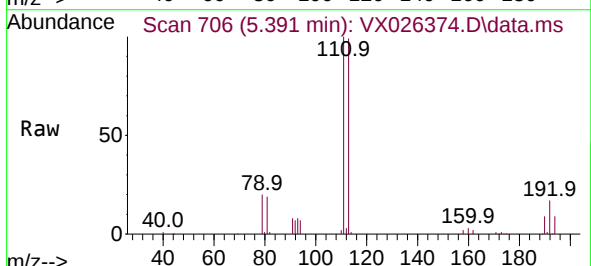
Instrument :
MSVOA_X
ClientSampleId :

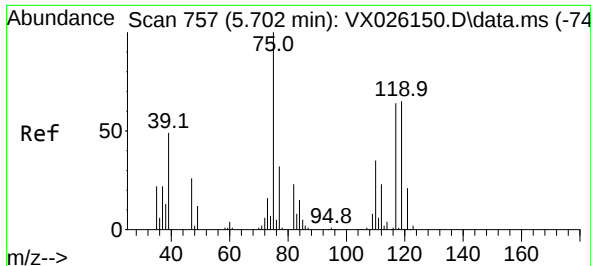
Tgt Ion:114 Resp: 254148
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.0
88 16.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.149 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

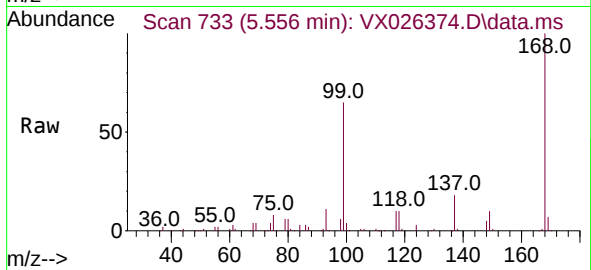
Tgt Ion:113 Resp: 81209
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.8
192 18.7 15.0 22.4



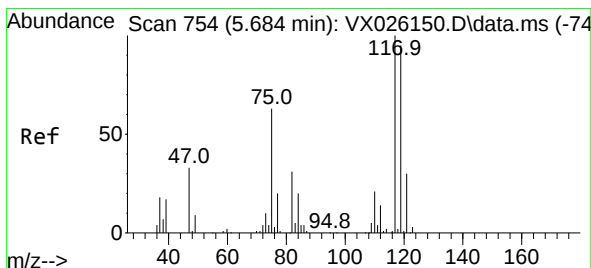
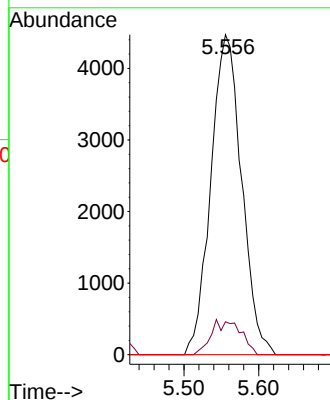
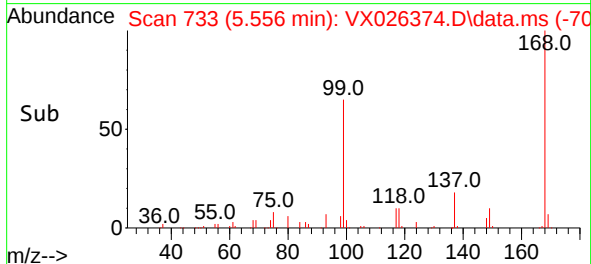


#36
1,1-Dichloropropene
Concen: 4.798 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

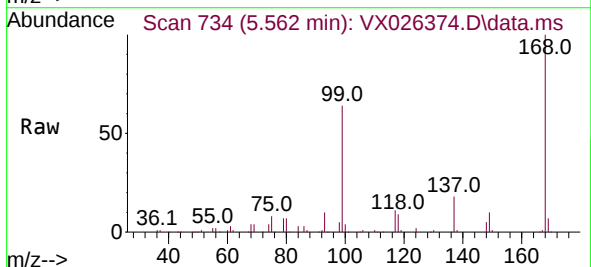
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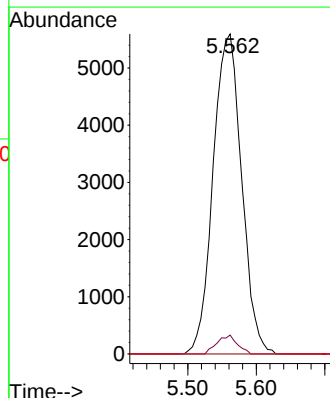
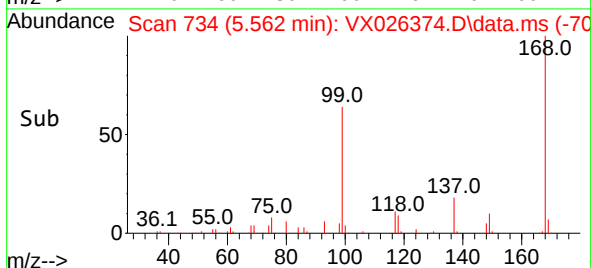
Tgt Ion: 75 Resp: 12787
Ion Ratio Lower Upper
75 100
110 10.4 18.2 54.6#
77 0.0 24.7 37.1#

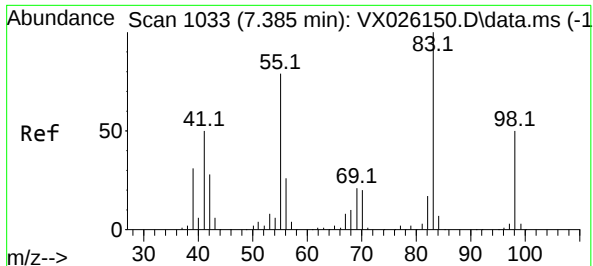


#38
Carbon Tetrachloride
Concen: 5.450 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30



Tgt Ion: 117 Resp: 16155
Ion Ratio Lower Upper
117 100
119 5.9 77.2 115.8#
121 0.0 23.8 35.8#





#39

Methylcyclohexane

Concen: 0.406 ug/l

RT: 7.384 min Scan# 1033

Delta R.T. -0.001 min

Lab File: VX026374.D

Acq: 06 Jan 2022 15:30

Instrument :

MSVOA_X

ClientSampleId :

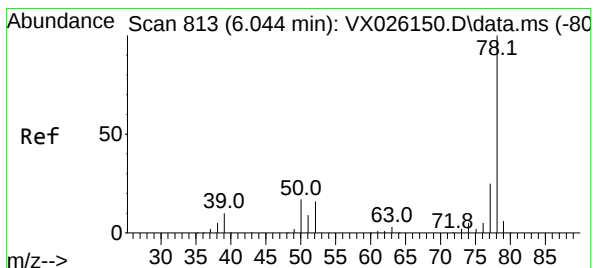
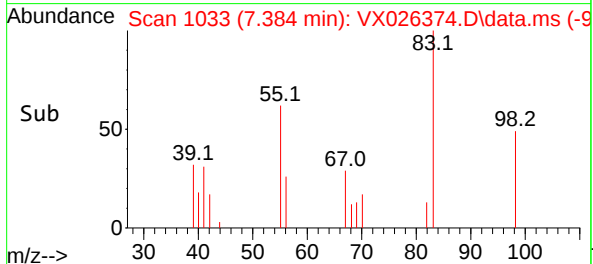
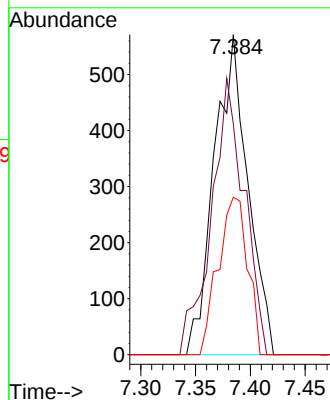
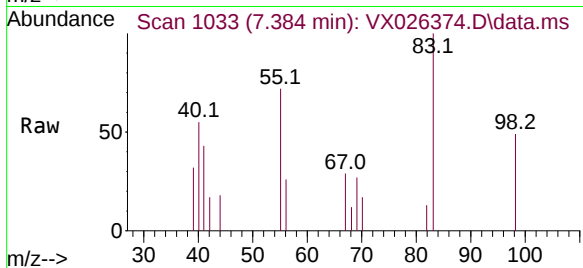
Tgt Ion: 83 Resp: 1220

Ion Ratio Lower Upper

83 100

55 72.2 57.8 86.8

98 49.2 40.5 60.7



#40

Benzene

Concen: 3.949 ug/l

RT: 6.043 min Scan# 813

Delta R.T. -0.001 min

Lab File: VX026374.D

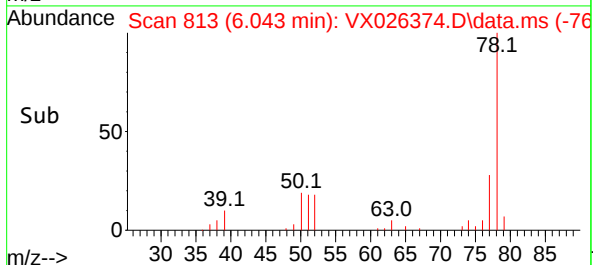
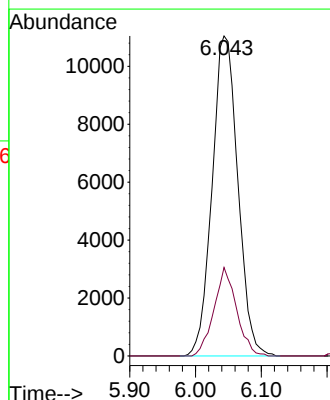
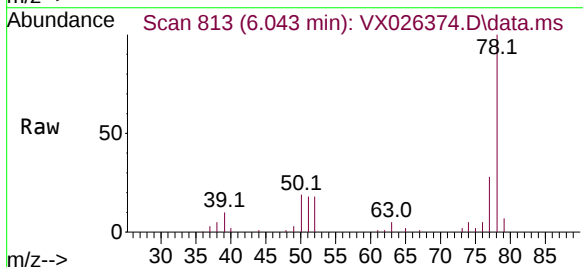
Acq: 06 Jan 2022 15:30

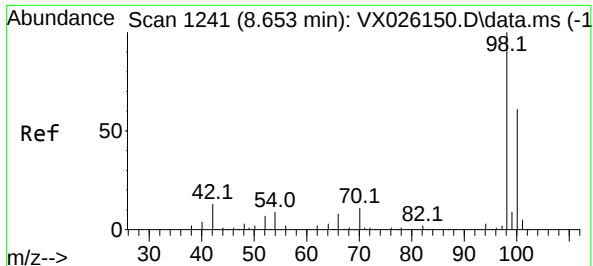
Tgt Ion: 78 Resp: 30034

Ion Ratio Lower Upper

78 100

77 27.7 18.6 27.8

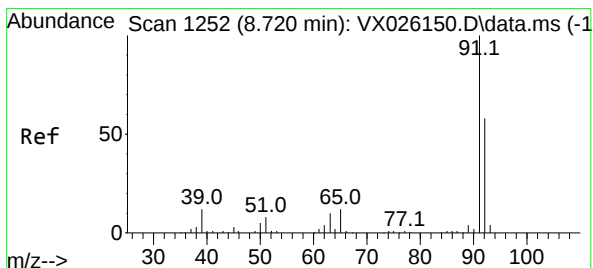
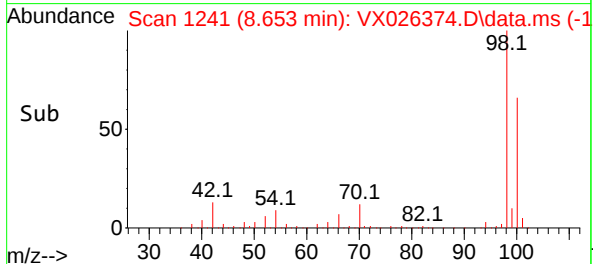
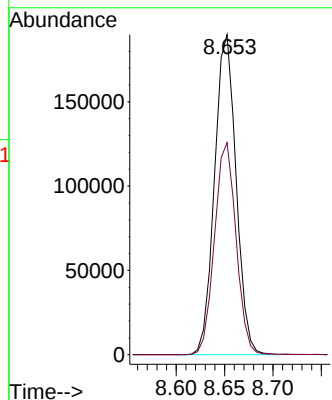
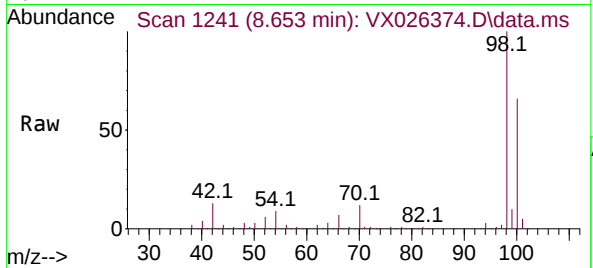




#50
Toluene-d8
Concen: 47.847 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

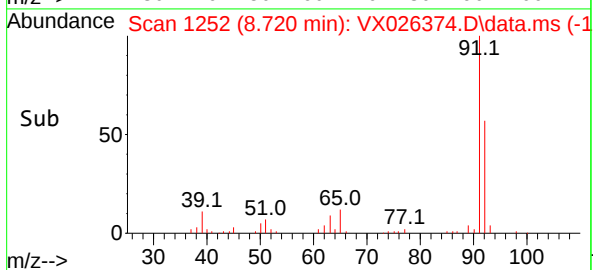
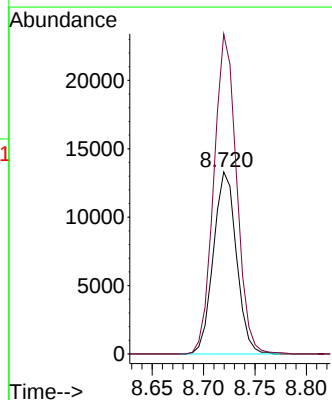
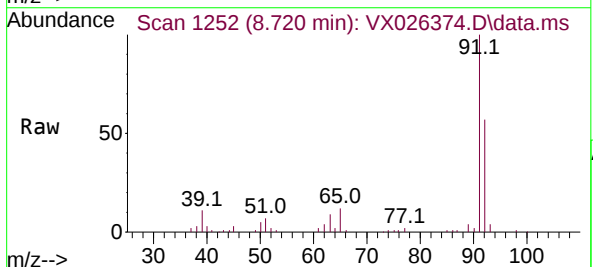
Instrument :
MSVOA_X
ClientSampleId :

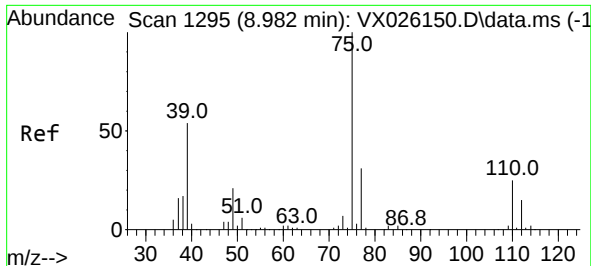
Tgt Ion: 98 Resp: 294064
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#52
Toluene
Concen: 4.435 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

Tgt Ion: 92 Resp: 20764
Ion Ratio Lower Upper
92 100
91 173.6 136.0 204.0

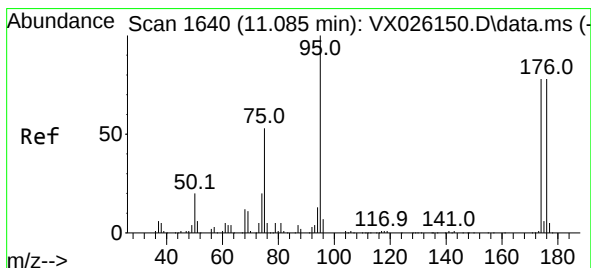
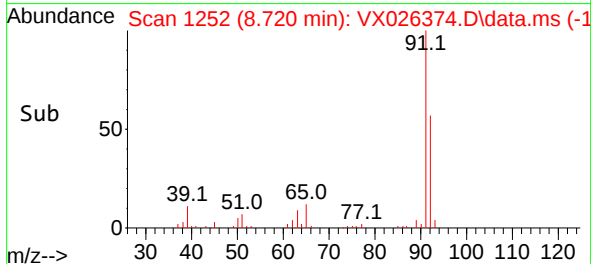
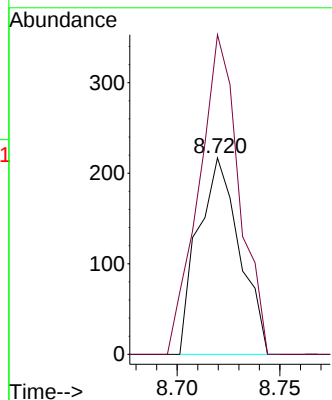
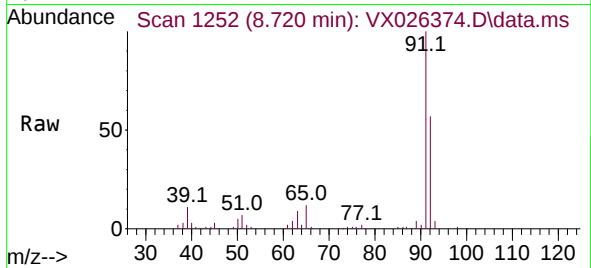




#53
t-1,3-Dichloropropene
Concen: 1.987 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.262 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

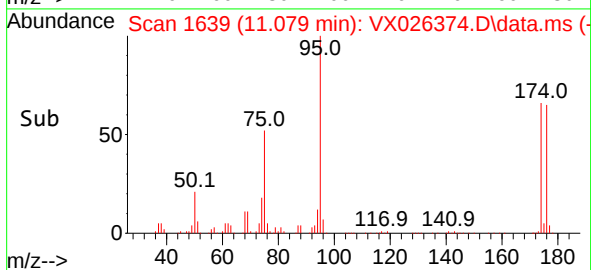
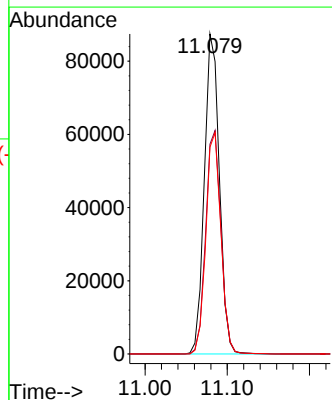
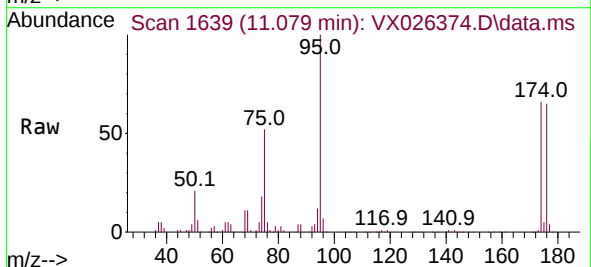
Instrument :
MSVOA_X
ClientSampleId :

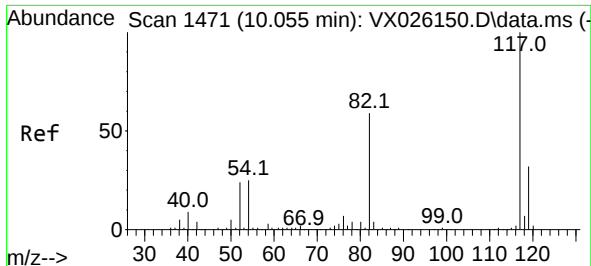
Tgt Ion: 75 Resp: 306
Ion Ratio Lower Upper
75 100
77 162.7 25.1 37.7#



#62
4-Bromofluorobenzene
Concen: 50.732 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

Tgt Ion: 95 Resp: 110995
Ion Ratio Lower Upper
95 100
174 70.9 0.0 157.4
176 69.0 0.0 154.6

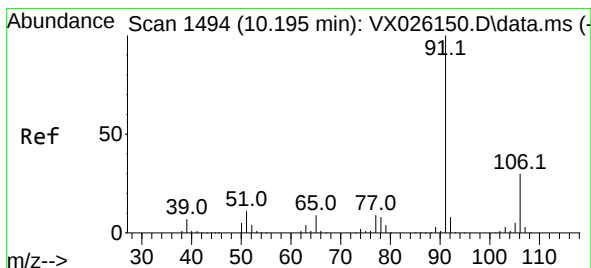
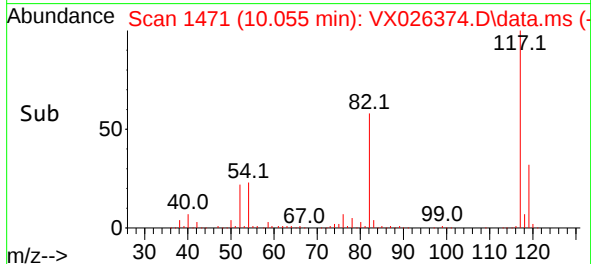
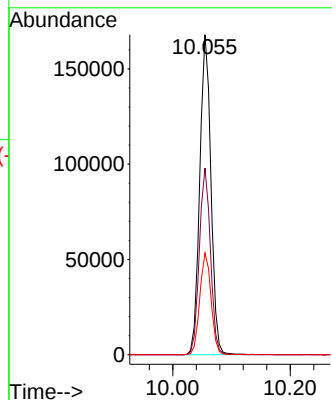
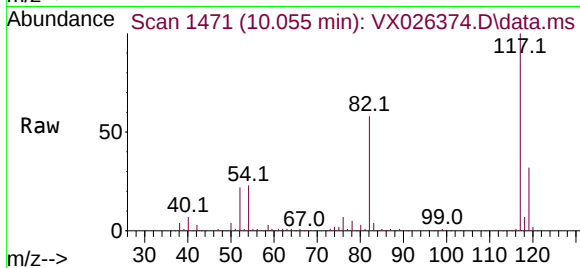




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

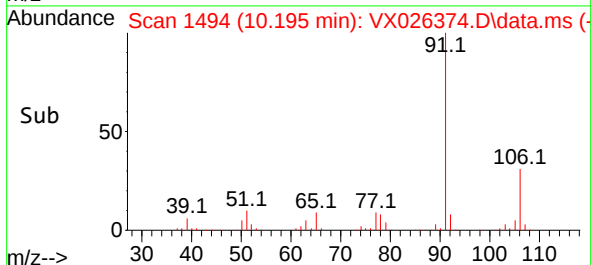
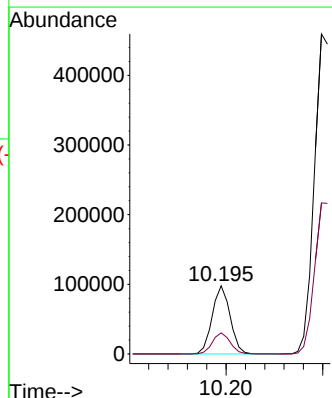
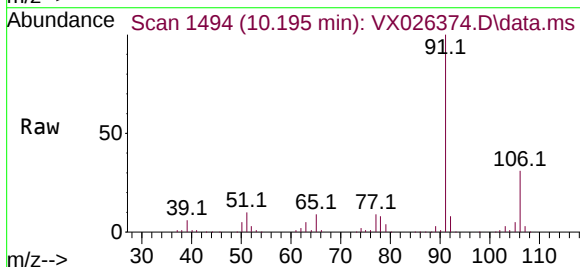
Instrument :
MSVOA_X
ClientSampleId :

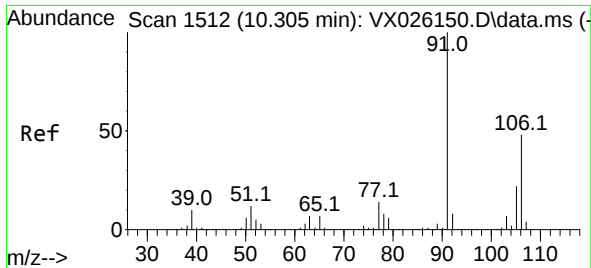
Tgt Ion:117 Resp: 220921
Ion Ratio Lower Upper
117 100
82 58.3 43.8 65.6
119 31.8 25.2 37.8



#67
Ethyl Benzene
Concen: 14.477 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

Tgt Ion: 91 Resp: 125625
Ion Ratio Lower Upper
91 100
106 30.9 25.7 38.5

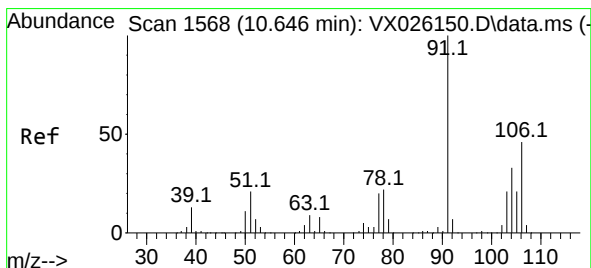
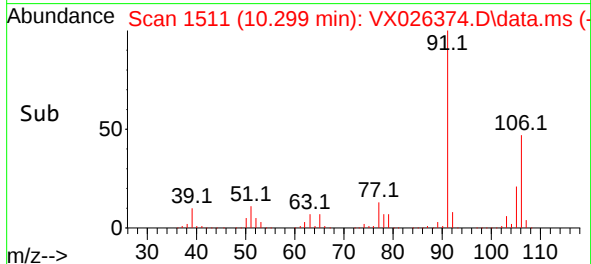
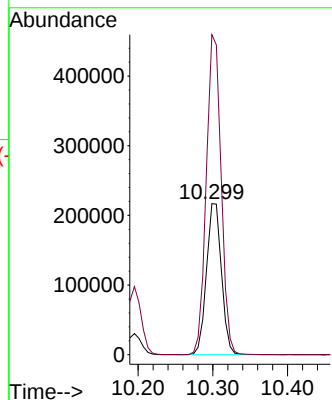
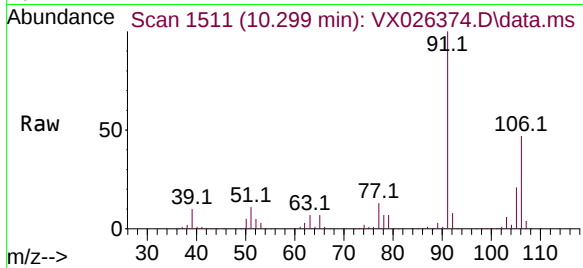




#68
m/p-Xylenes
Concen: 93.008 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

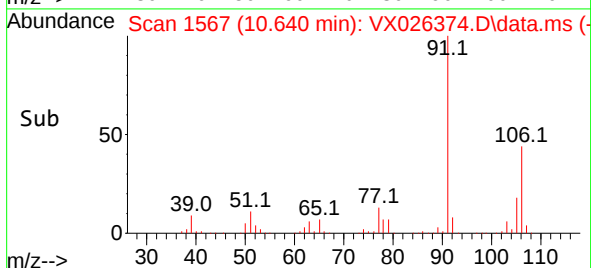
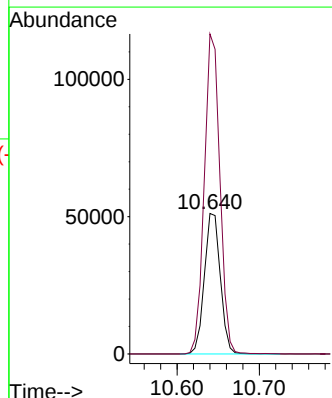
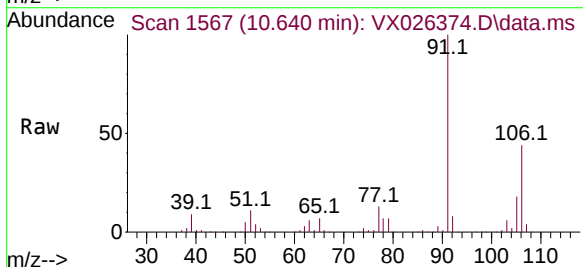
Instrument :
MSVOA_X
ClientSampleId :

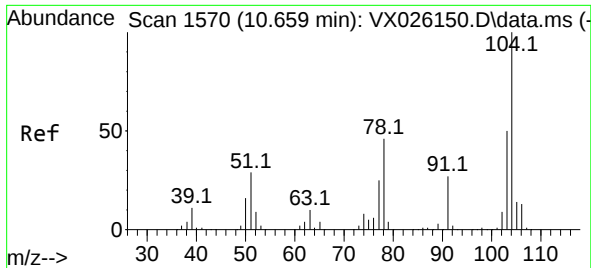
Tgt Ion:106 Resp: 301351
Ion Ratio Lower Upper
106 100
91 210.1 158.6 238.0



#69
o-Xylene
Concen: 21.754 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

Tgt Ion:106 Resp: 68965
Ion Ratio Lower Upper
106 100
91 222.9 105.5 316.4

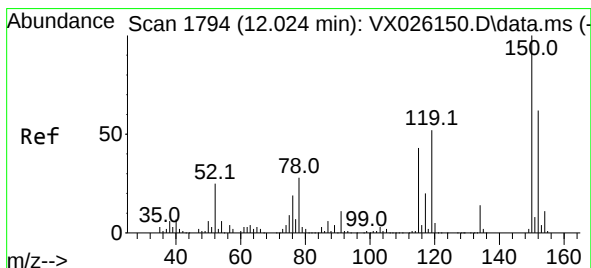
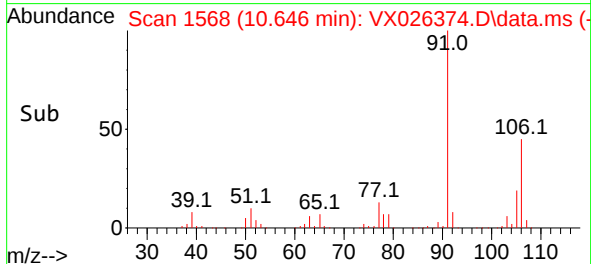
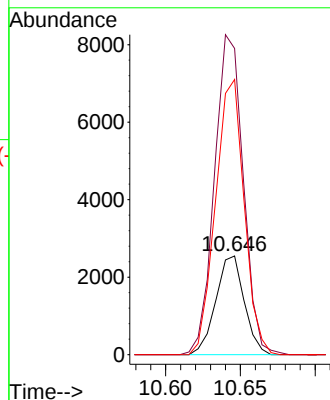
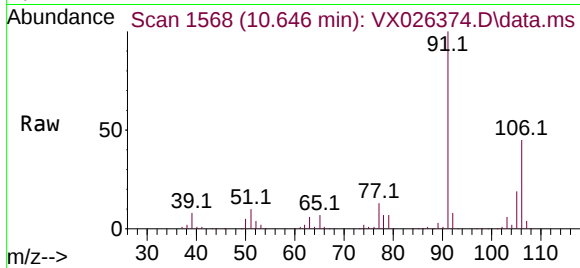




#70
Styrene
Concen: 0.648 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.013 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

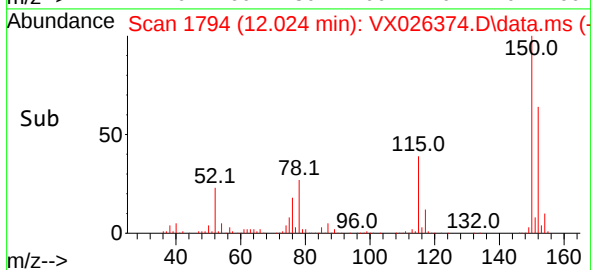
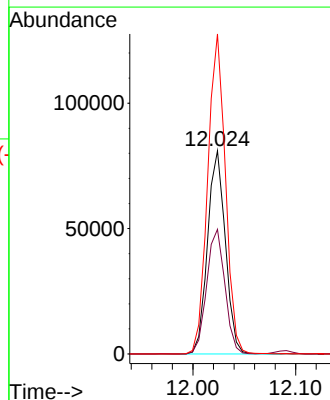
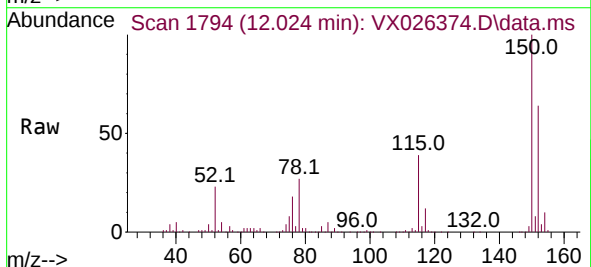
Instrument :
MSVOA_X
ClientSampleId :

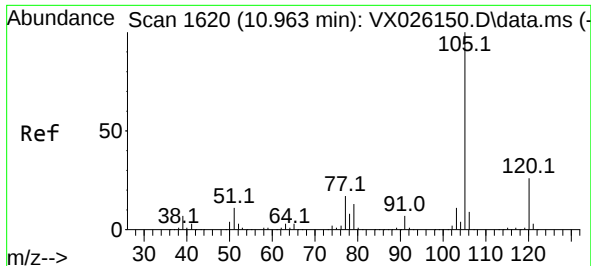
Tgt Ion:104 Resp: 3370
Ion Ratio Lower Upper
104 100
78 328.0 39.8 59.6#
103 281.0 43.0 64.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

Tgt Ion:152 Resp: 97892
Ion Ratio Lower Upper
152 100
115 62.6 41.3 123.9
150 156.8 0.0 351.8

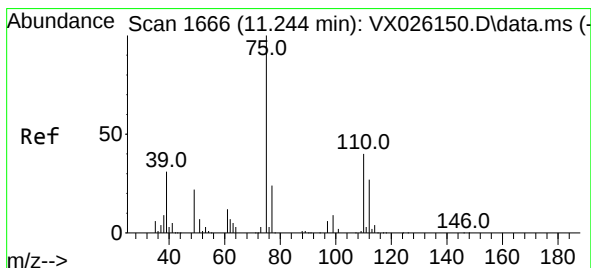
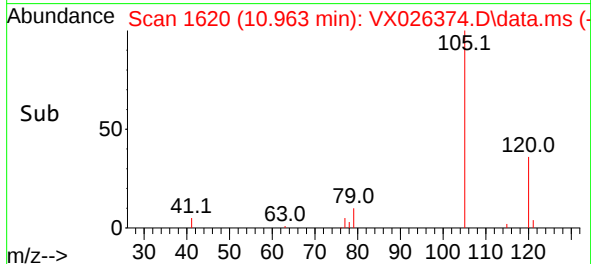
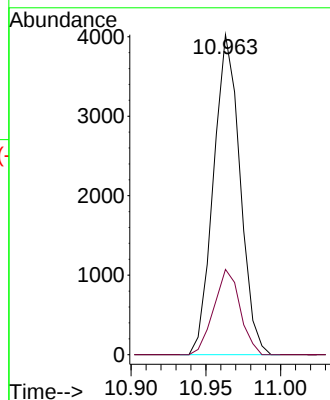
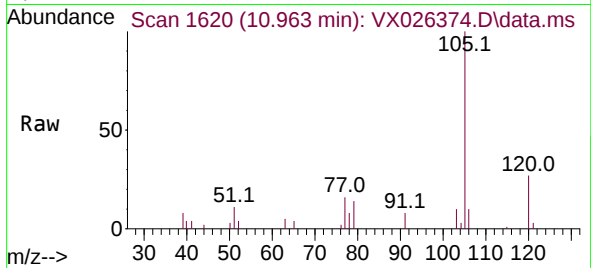




#73
Isopropylbenzene
Concen: 0.652 ug/l
RT: 10.963 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

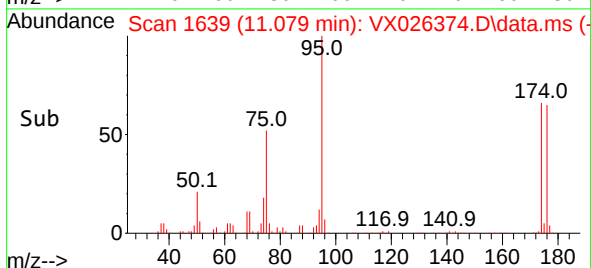
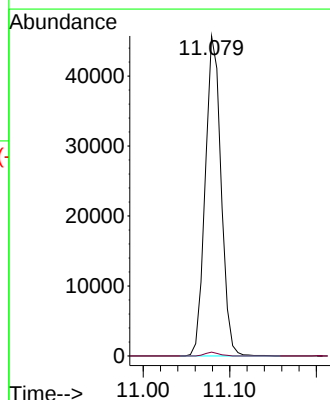
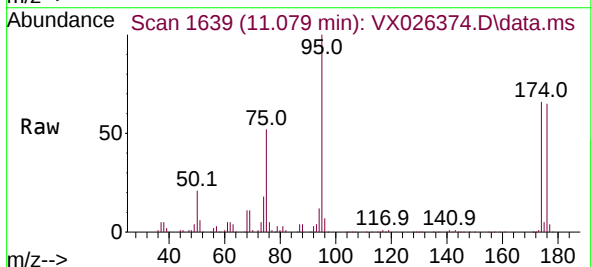
Instrument :
MSVOA_X
ClientSampleId :

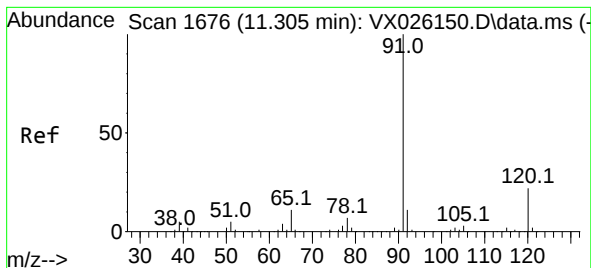
Tgt Ion:105 Resp: 4961
Ion Ratio Lower Upper
105 100
120 26.3 13.6 40.7



#76
1,2,3-Trichloropropane
Concen: 24.564 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

Tgt Ion: 75 Resp: 58042
Ion Ratio Lower Upper
75 100
77 1.0 19.0 57.0#





#78

n-propylbenzene

Concen: 0.979 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX026374.D

Acq: 06 Jan 2022 15:30

Instrument :

MSVOA_X

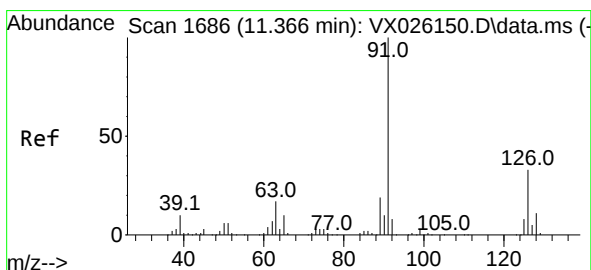
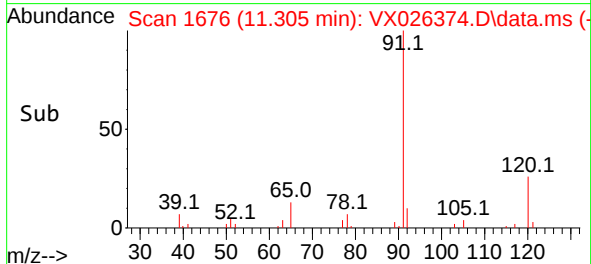
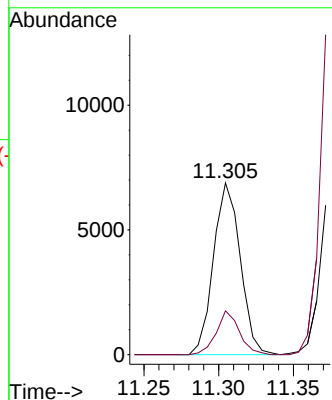
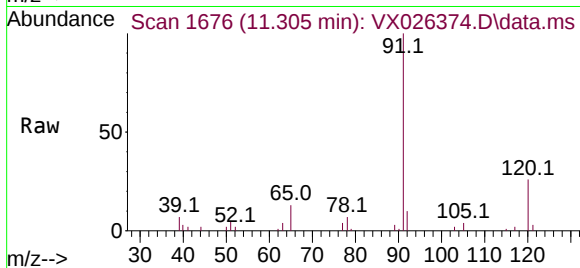
ClientSampleId :

Tgt Ion: 91 Resp: 8567

Ion Ratio Lower Upper

91 100

120 22.0 12.0 36.1



#79

2-Chlorotoluene

Concen: 2.846 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. 0.012 min

Lab File: VX026374.D

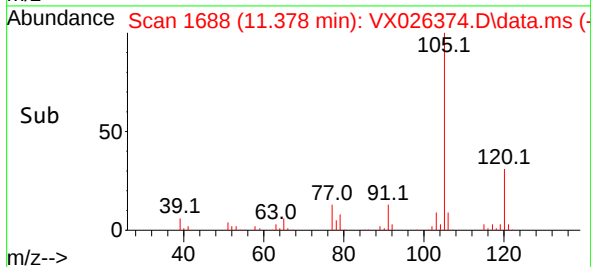
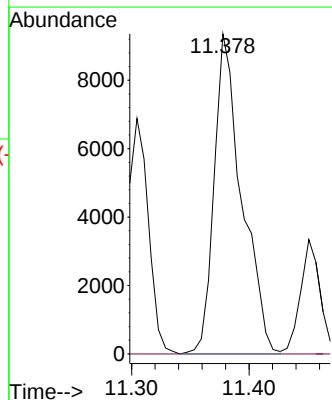
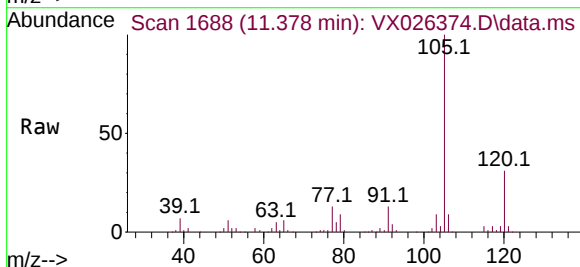
Acq: 06 Jan 2022 15:30

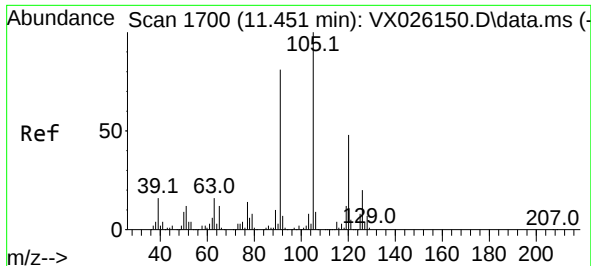
Tgt Ion: 91 Resp: 15326

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.3#

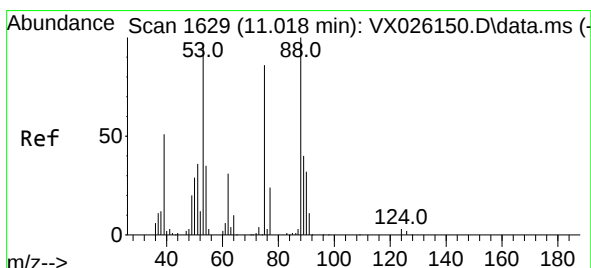
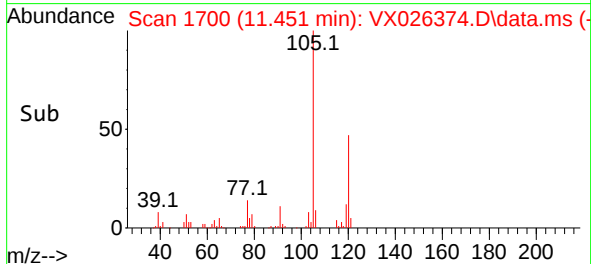
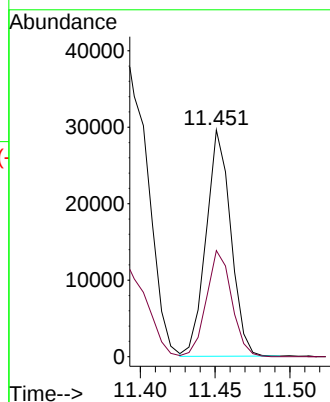
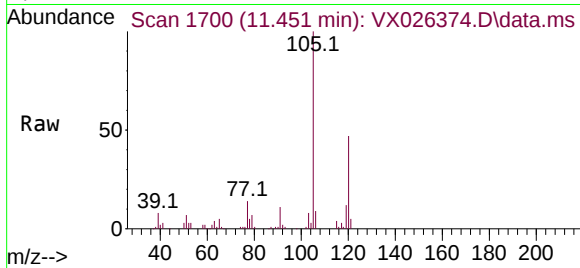




#80
 1,3,5-Trimethylbenzene
 Concen: 5.381 ug/l
 RT: 11.451 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX026374.D
 Acq: 06 Jan 2022 15:30

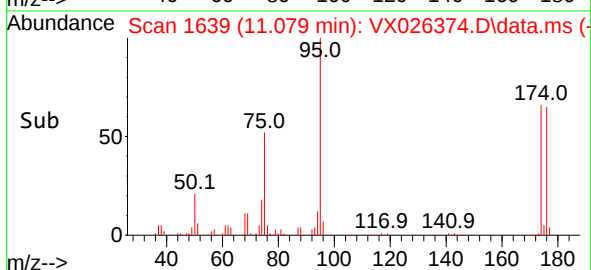
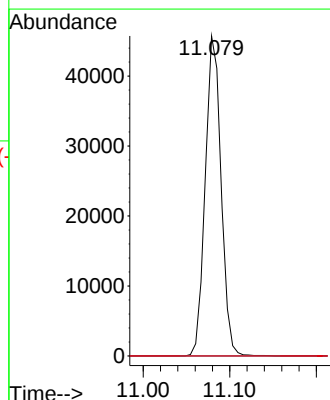
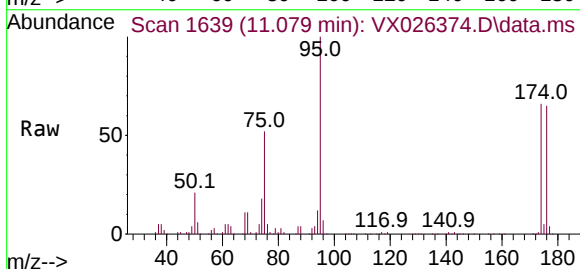
Instrument :
 MSVOA_X
 ClientSampleId :

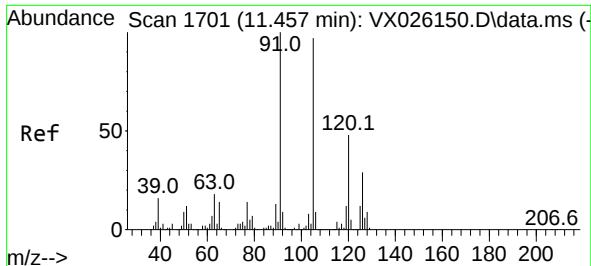
Tgt Ion:105 Resp: 33976
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.9 74.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.064 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX026374.D
 Acq: 06 Jan 2022 15:30

Tgt Ion: 75 Resp: 58042
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

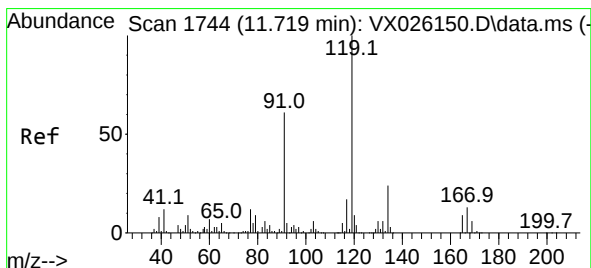
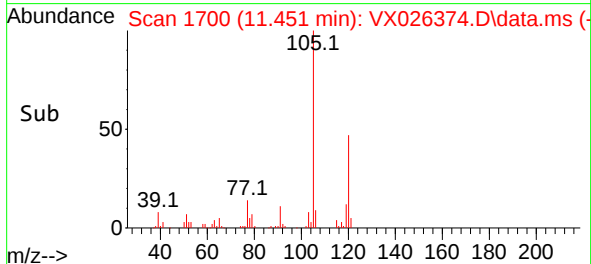
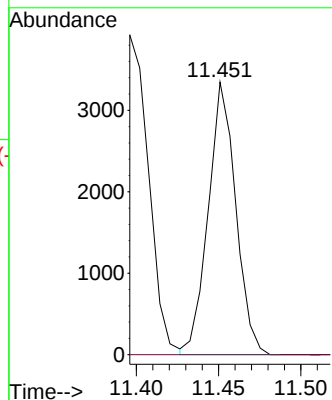
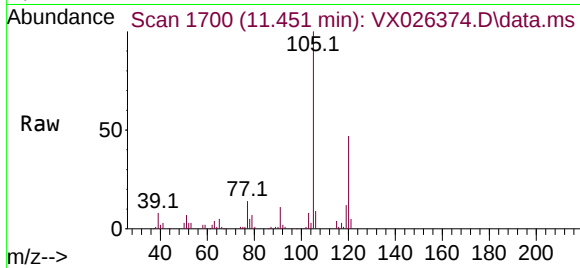




#82
4-Chlorotoluene
Concen: 0.640 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

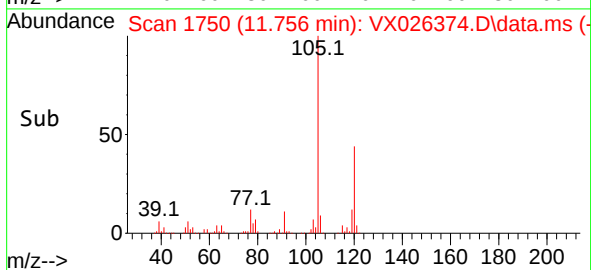
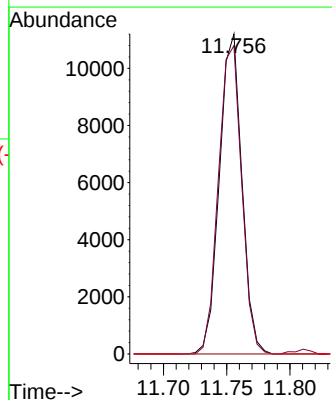
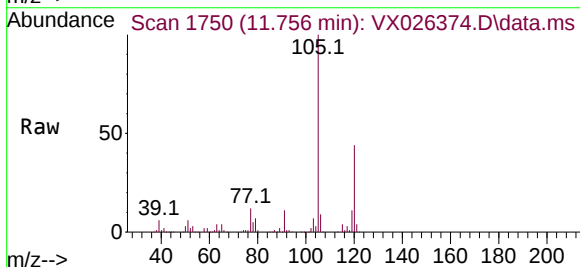
Instrument :
MSVOA_X
ClientSampleId :

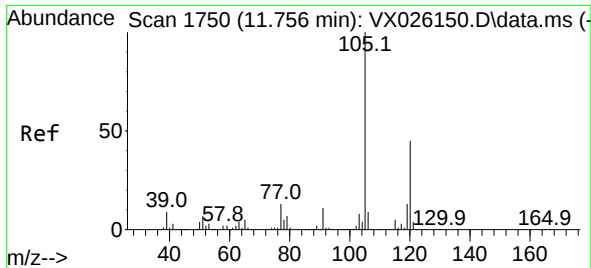
Tgt Ion: 91 Resp: 3890
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.7#



#83
tert-Butylbenzene
Concen: 2.255 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.037 min
Lab File: VX026374.D
Acq: 06 Jan 2022 15:30

Tgt Ion: 119 Resp: 13820
Ion Ratio Lower Upper
119 100
91 99.5 28.7 86.1#
134 0.0 11.9 35.9#

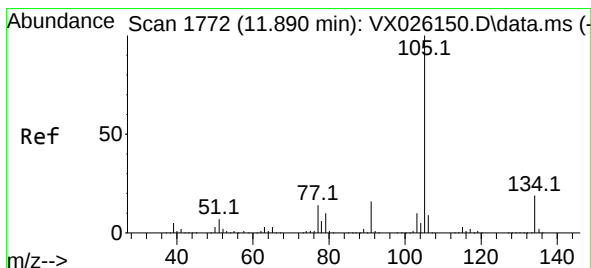
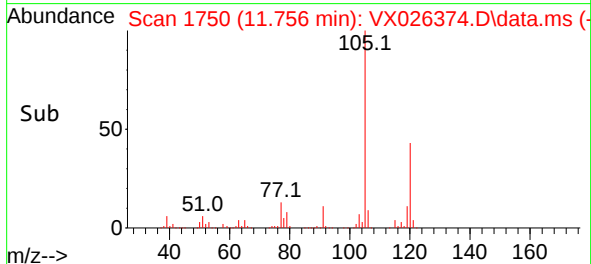
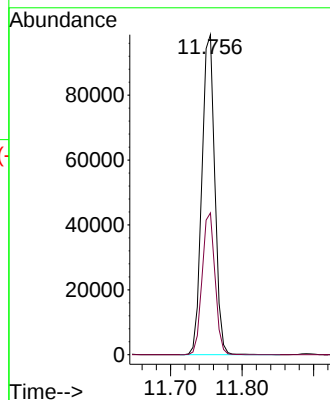
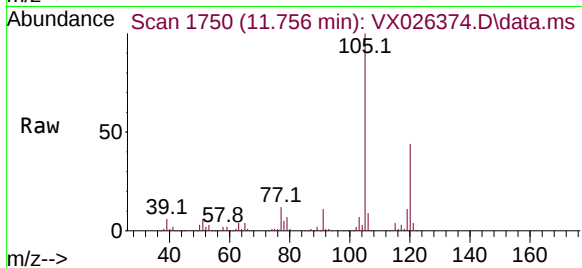




#84
 1,2,4-Trimethylbenzene
 Concen: 19.590 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX026374.D
 Acq: 06 Jan 2022 15:30

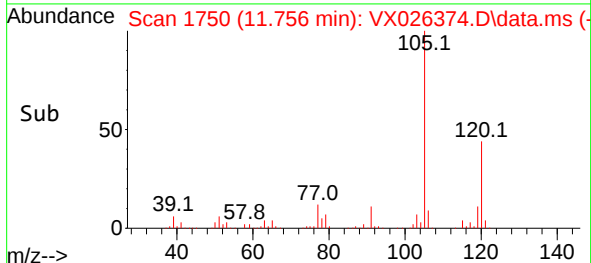
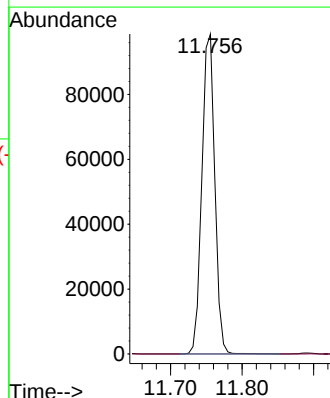
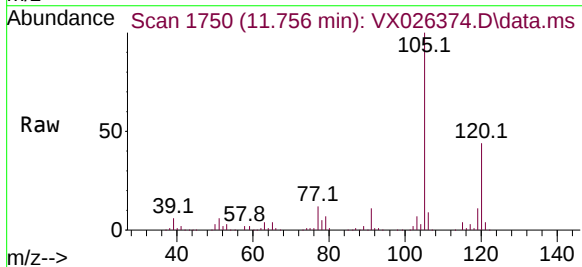
Instrument :
 MSVOA_X
 ClientSampleId :

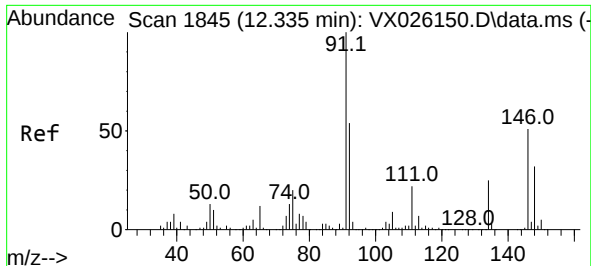
Tgt Ion:105 Resp: 123601
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.9 68.7



#85
 sec-Butylbenzene
 Concen: 16.160 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.134 min
 Lab File: VX026374.D
 Acq: 06 Jan 2022 15:30

Tgt Ion:105 Resp: 123601
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#





#89

n-Butylbenzene

Concen: 0.249 ug/l

RT: 12.317 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX026374.D

Acq: 06 Jan 2022 15:30

Instrument :

MSVOA_X

ClientSampleId :

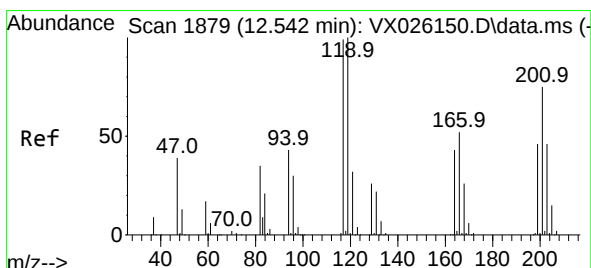
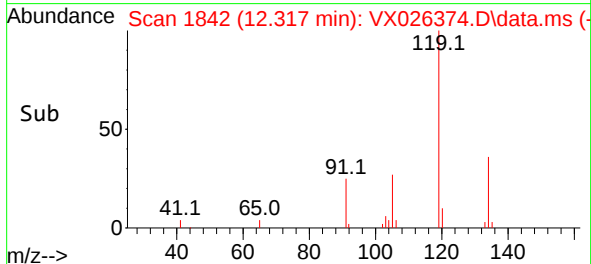
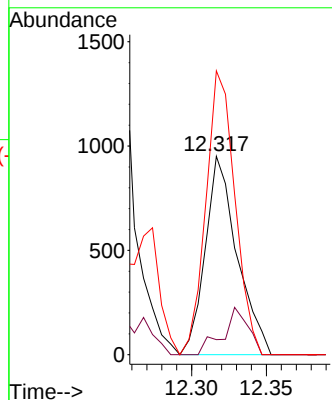
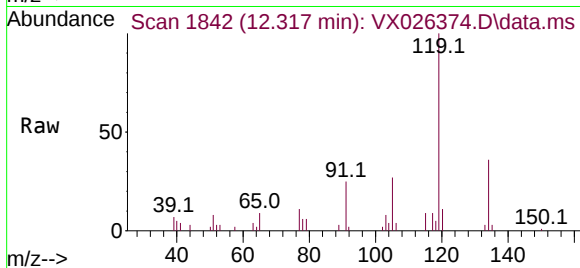
Tgt Ion: 91 Resp: 1409

Ion Ratio Lower Upper

91 100

92 18.9 27.3 81.8#

134 130.6 13.5 40.4#



#90

Hexachloroethane

Concen: 0.989 ug/l

RT: 12.646 min Scan# 1896

Delta R.T. 0.104 min

Lab File: VX026374.D

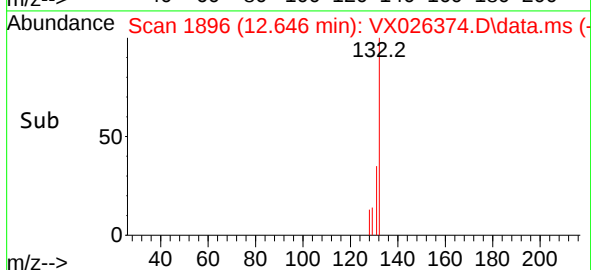
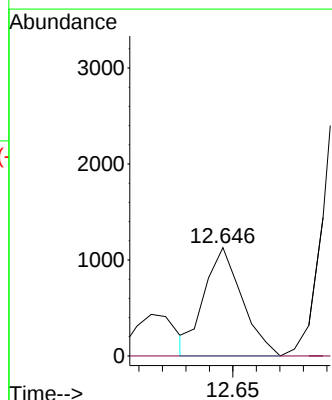
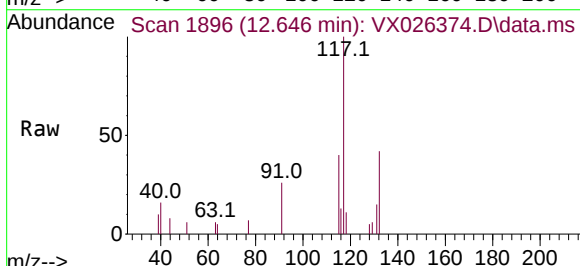
Acq: 06 Jan 2022 15:30

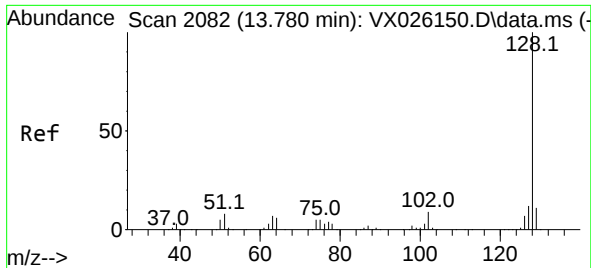
Tgt Ion: 117 Resp: 1260

Ion Ratio Lower Upper

117 100

201 0.0 35.4 106.3#





#95

Naphthalene

Concen: 3.993 ug/l

RT: 13.780 min Scan# 20

Delta R.T. -0.000 min

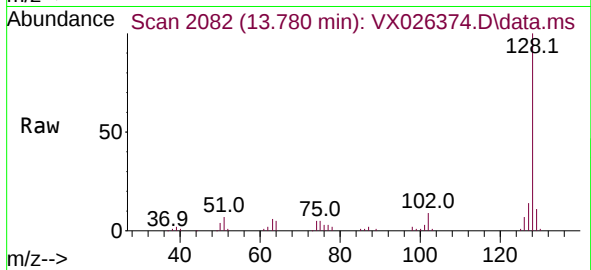
Lab File: VX026374.D

Acq: 06 Jan 2022 15:30

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 30209

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.8 8.8 13.2

