

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026282.D
 Acq On : 04 Jan 2022 19:42
 Operator : JC/MD
 Sample : M5336-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40562

Quant Time: Jan 05 06:14:26 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)

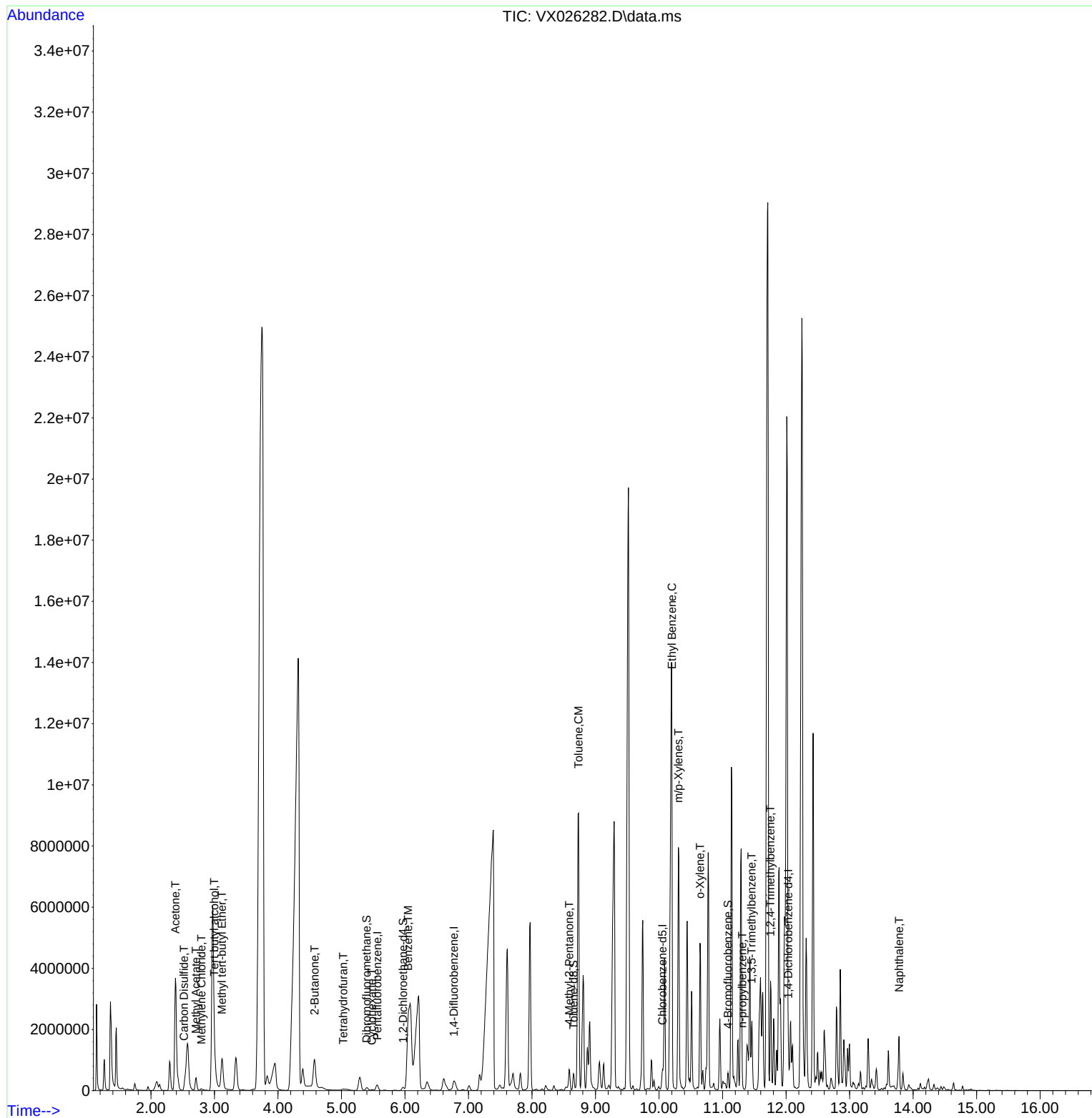
Internal Standards						
1) Pentafluorobenzene	5.562	168	163058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	269482	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.036	152	114664	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	113127	47.956	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.920%		
35) Dibromofluoromethane	5.397	113	78313	44.699	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.400%		
50) Toluene-d8	8.653	98	318822	48.924	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.840%		
62) 4-Bromofluorobenzene	11.085	95	125807	54.230	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.460%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.995	59	1773785	3764.691	ug/l #	88
16) Acetone	2.386	43	4584502	3586.898	ug/l	98
17) Carbon Disulfide	2.520	76	5460	1.054	ug/l	99
18) Methyl Acetate	2.709	43	516510	124.587	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	1130206	179.205	ug/l	97
20) Methylene Chloride	2.794	84	22245	10.131	ug/l	94
25) 2-Butanone	4.574	43	1507322	846.609	ug/l	100
29) Tetrahydrofuran	5.025	42	34003	30.300	ug/l #	79
31) Cyclohexane	5.477	56	17483	5.204	ug/l	87
40) Benzene	6.050	78	2710147	336.046	ug/l	98
51) 4-Methyl-2-Pentanone	8.586	43	451947	136.002	ug/l	95
52) Toluene	8.732	92	3655908	736.353	ug/l	93
67) Ethyl Benzene	10.201	91	816058	86.999	ug/l	98
68) m/p-Xylenes	10.305	106	1864703	532.421	ug/l	99
69) o-Xylene	10.646	106	980178	286.034	ug/l	97
78) n-propylbenzene	11.311	91	102652	10.017	ug/l	90
80) 1,3,5-Trimethylbenzene	11.457	105	362022	48.945	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1511030	204.454	ug/l	97
95) Naphthalene	13.780	128	1021145	115.227	ug/l	100

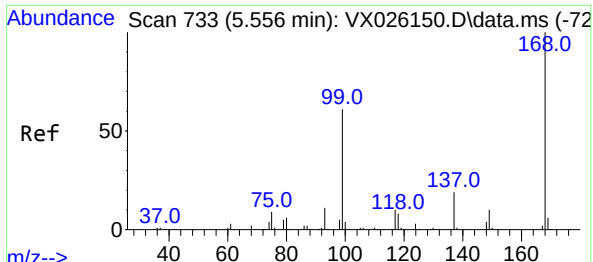
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 30 08:02:21 2021
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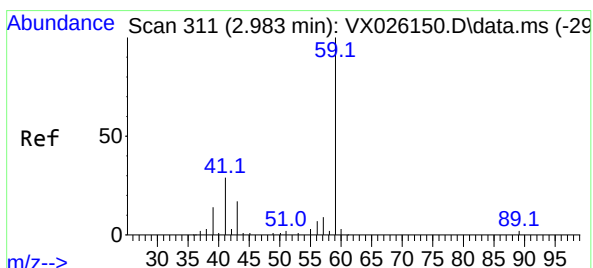
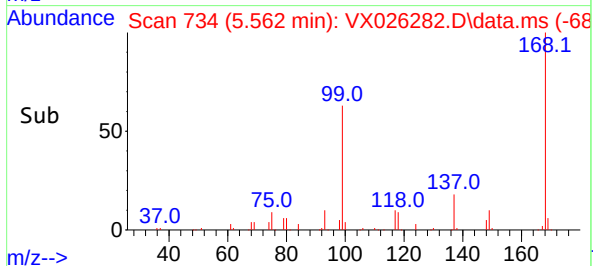
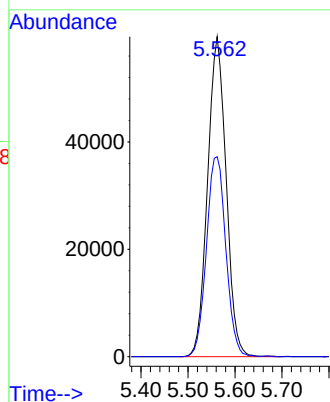
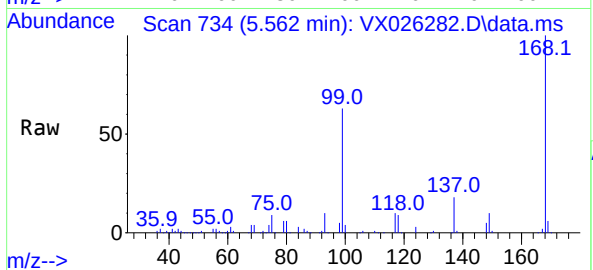




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026282.D
Acq: 04 Jan 2022 19:42

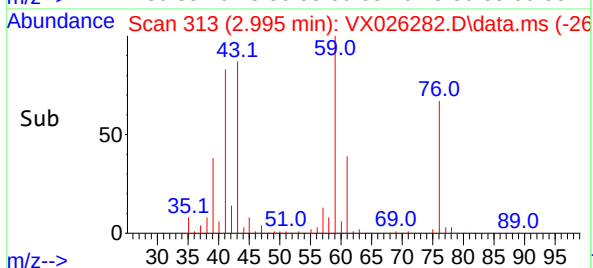
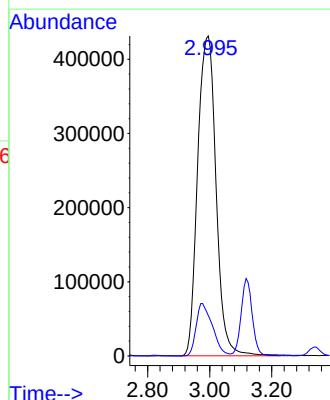
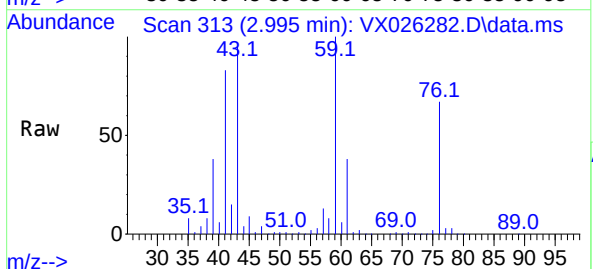
Instrument :
MSVOA_X
ClientSampleId :
40562

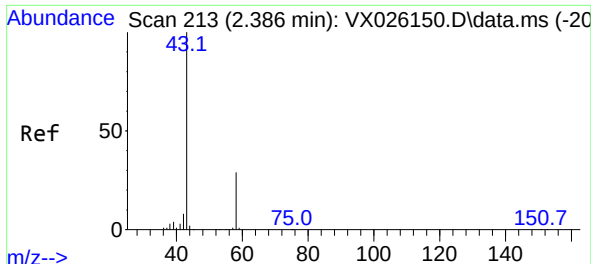
Tgt Ion:168 Resp: 163058
Ion Ratio Lower Upper
168 100
99 62.5 45.8 68.8



#11
Tert butyl alcohol
Concen: 3764.691 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.012 min
Lab File: VX026282.D
Acq: 04 Jan 2022 19:42

Tgt Ion: 59 Resp: 1773785
Ion Ratio Lower Upper
59 100
57 14.6 8.2 12.2#

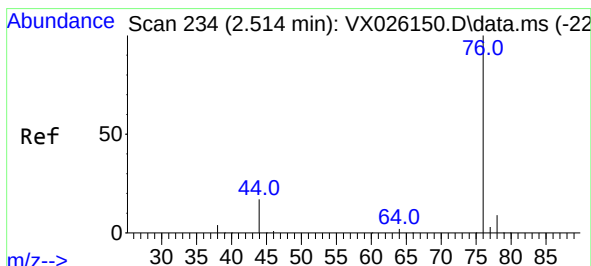
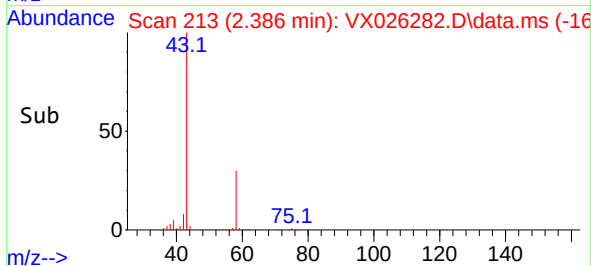
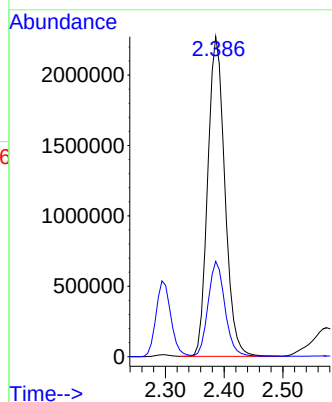
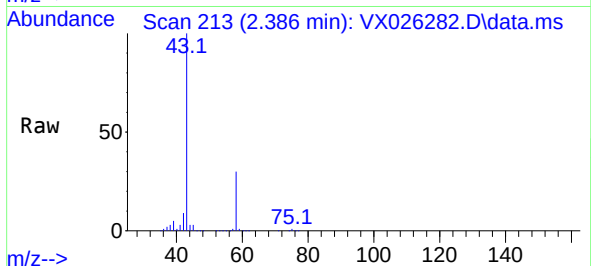




#16
Acetone
Concen: 3586.898 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026282.D
Acq: 04 Jan 2022 19:42

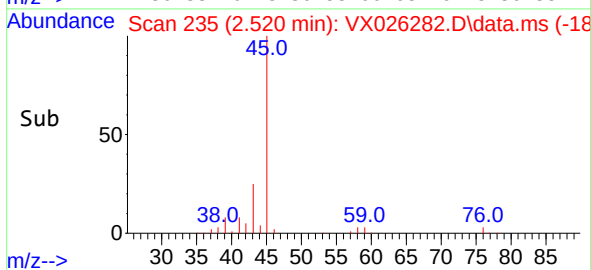
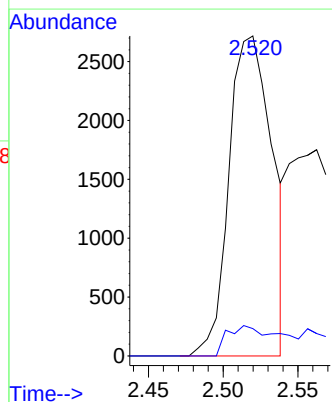
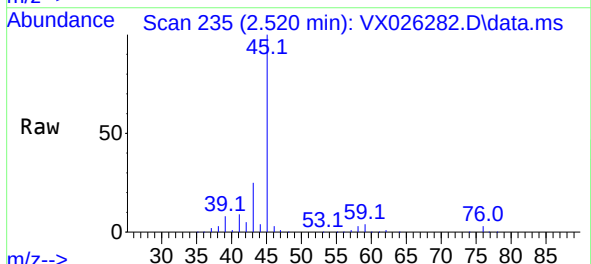
Instrument :
MSVOA_X
ClientSampleId :
40562

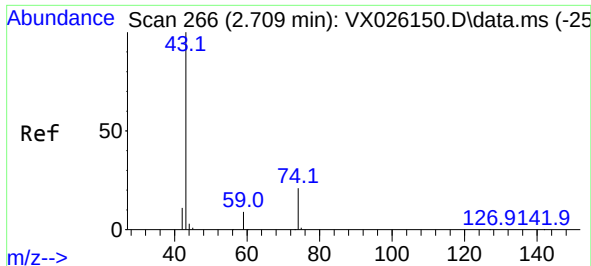
Tgt Ion: 43 Resp: 4584502
Ion Ratio Lower Upper
43 100
58 29.7 24.8 37.2



#17
Carbon Disulfide
Concen: 1.054 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX026282.D
Acq: 04 Jan 2022 19:42

Tgt Ion: 76 Resp: 5460
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

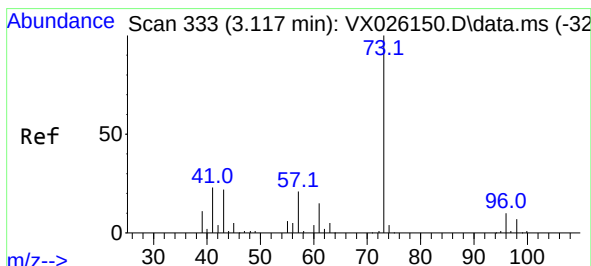
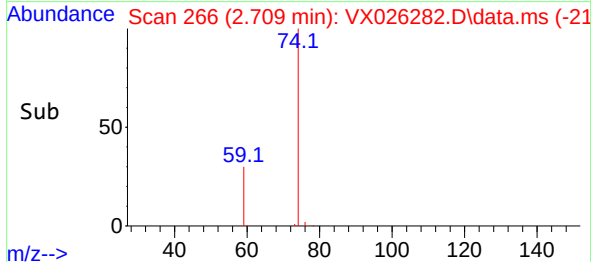
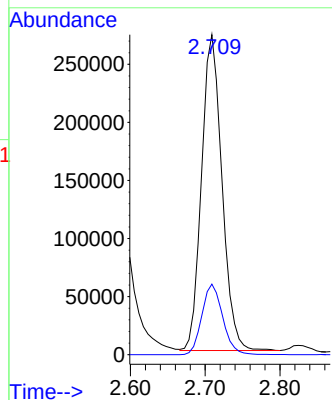
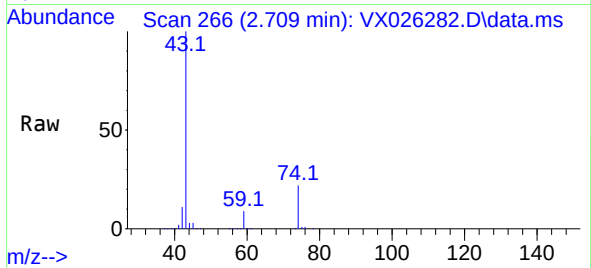




#18
Methyl Acetate
Concen: 124.587 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026282.D
Acq: 04 Jan 2022 19:42

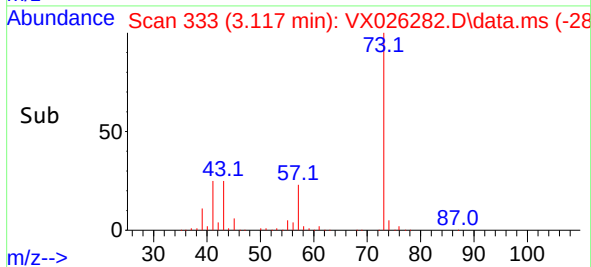
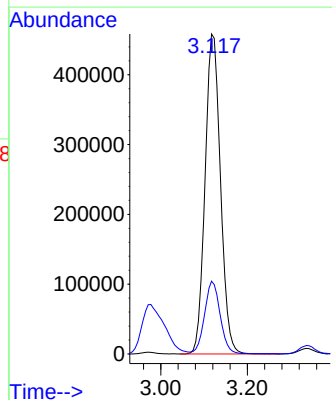
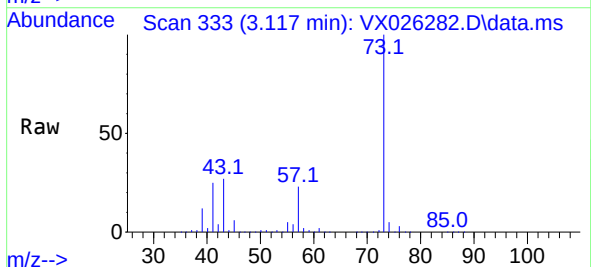
Instrument :
MSVOA_X
ClientSampleId :
40562

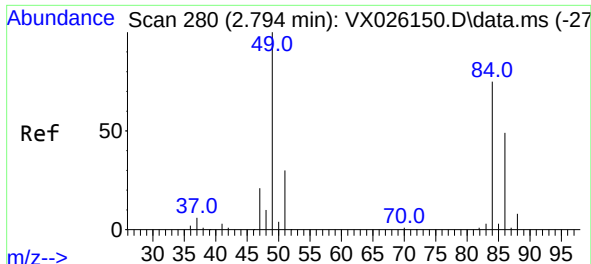
Tgt Ion: 43 Resp: 516510
Ion Ratio Lower Upper
43 100
74 22.8 19.1 28.7



#19
Methyl tert-butyl Ether
Concen: 179.205 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026282.D
Acq: 04 Jan 2022 19:42

Tgt Ion: 73 Resp: 1130206
Ion Ratio Lower Upper
73 100
57 22.7 17.0 25.6

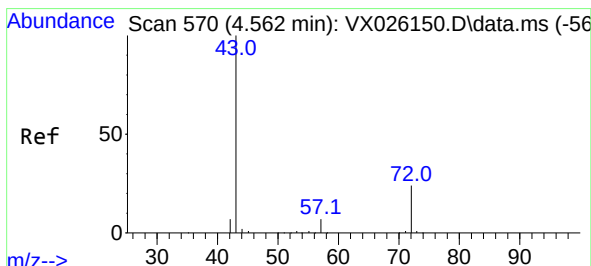
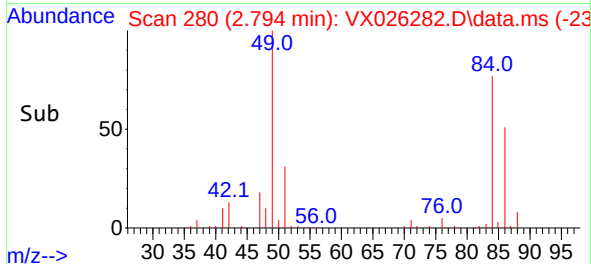
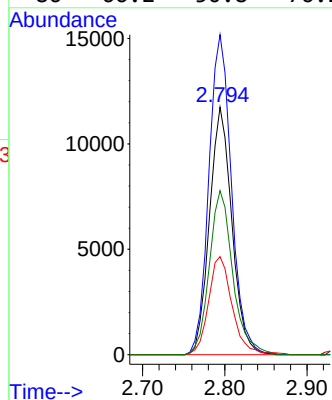
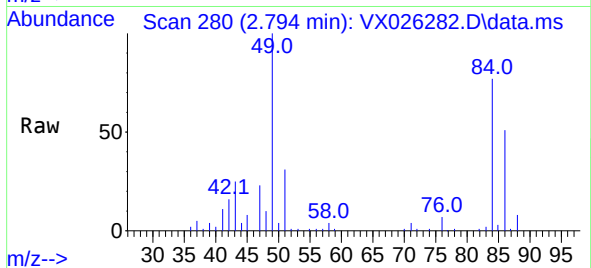




#20
Methylene Chloride
Concen: 10.131 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026282.D
Acq: 04 Jan 2022 19:42

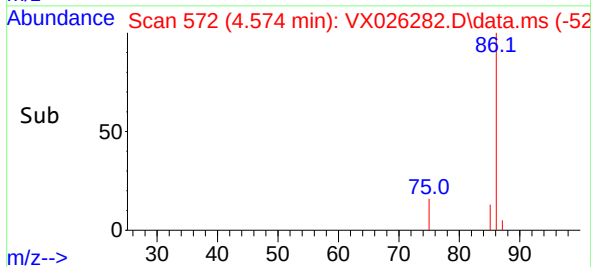
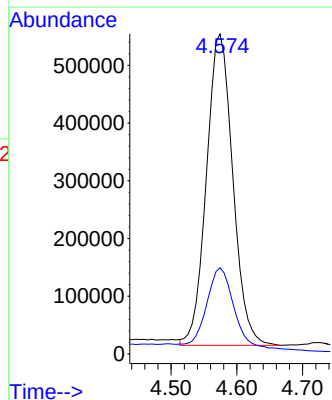
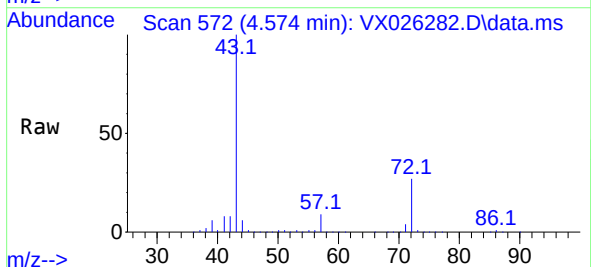
Instrument :
MSVOA_X
ClientSampleId :
40562

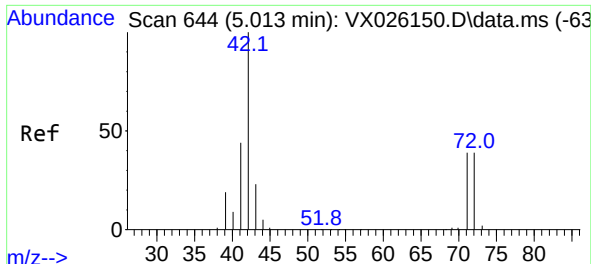
Tgt Ion: 84	Resp: 22245
Ion Ratio	Lower Upper
84 100	
49 129.3	97.1 145.7
51 39.6	29.3 43.9
86 66.2	50.8 76.2



#25
2-Butanone
Concen: 846.609 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX026282.D
Acq: 04 Jan 2022 19:42

Tgt Ion: 43	Resp: 1507322
Ion Ratio	Lower Upper
43 100	
72 26.0	21.0 31.4





#29

Tetrahydrofuran

Concen: 30.300 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX026282.D

Acq: 04 Jan 2022 19:42

Instrument :

MSVOA_X

ClientSampleId :

40562

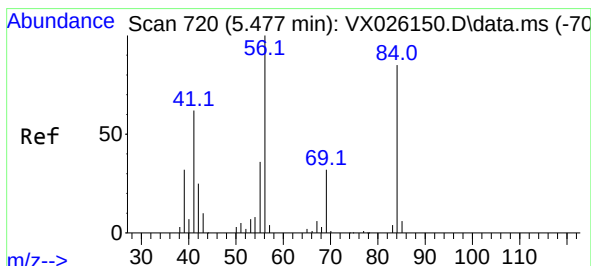
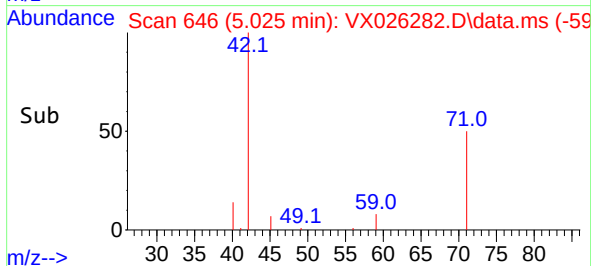
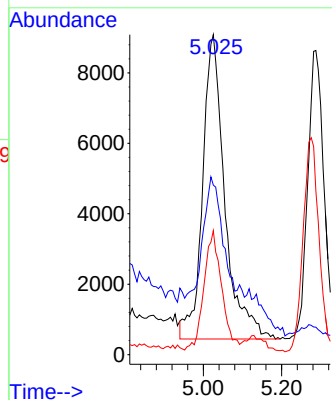
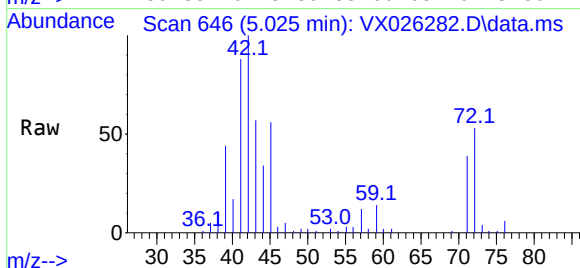
Tgt Ion: 42 Resp: 34003

Ion Ratio Lower Upper

42 100

72 30.5 37.0 55.6#

71 31.1 34.1 51.1#



#31

Cyclohexane

Concen: 5.204 ug/l

RT: 5.477 min Scan# 720

Delta R.T. -0.000 min

Lab File: VX026282.D

Acq: 04 Jan 2022 19:42

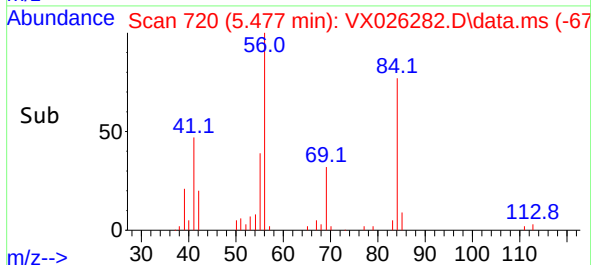
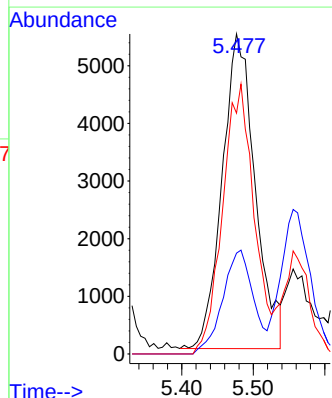
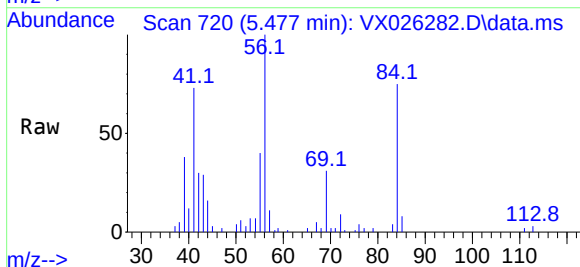
Tgt Ion: 56 Resp: 17483

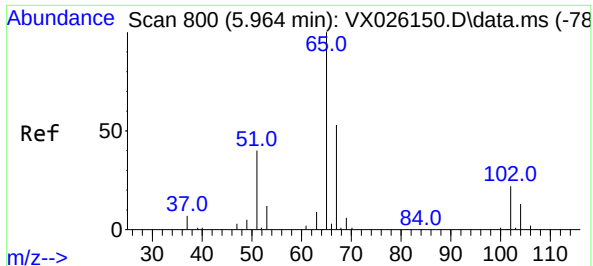
Ion Ratio Lower Upper

56 100

69 32.0 23.9 35.9

84 76.6 73.2 109.8





#33

1,2-Dichloroethane-d4

Concen: 47.956 ug/l

RT: 5.970 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX026282.D

Acq: 04 Jan 2022 19:42

Instrument :

MSVOA_X

ClientSampleId :

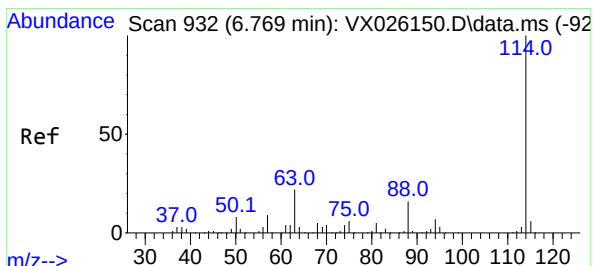
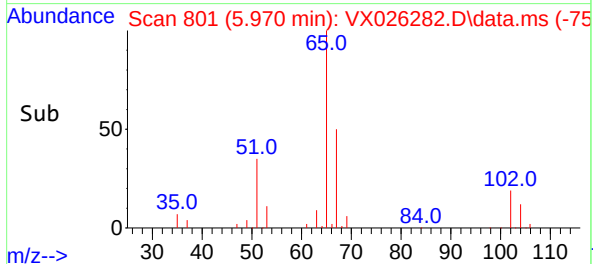
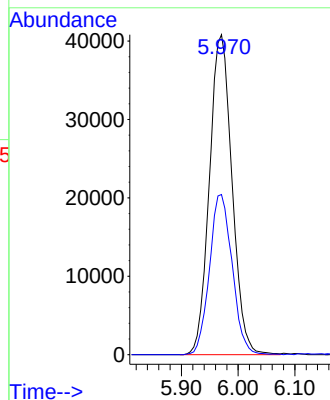
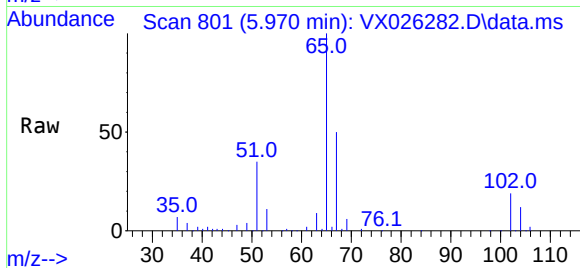
40562

Tgt Ion: 65 Resp: 113127

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX026282.D

Acq: 04 Jan 2022 19:42

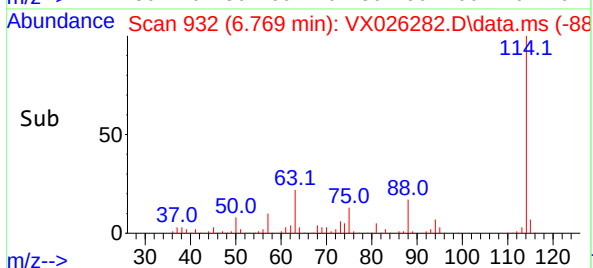
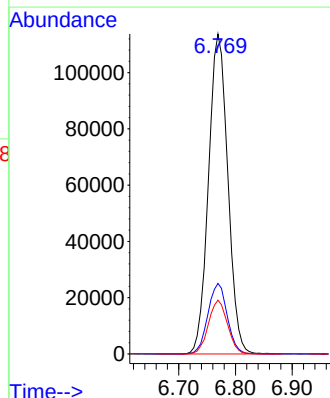
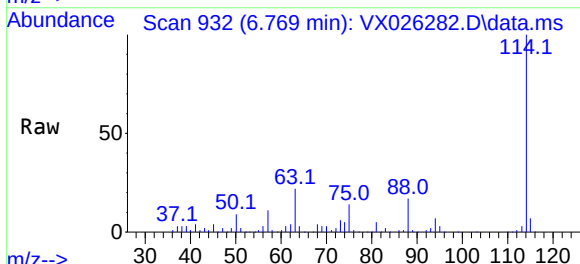
Tgt Ion: 114 Resp: 269482

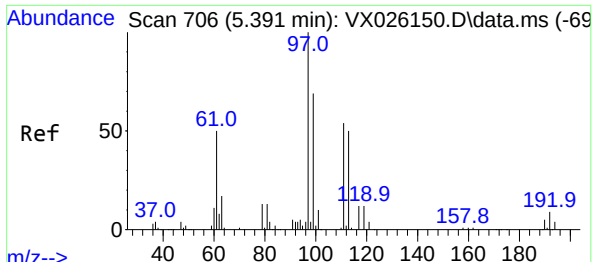
Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.0

88 16.8 0.0 30.6

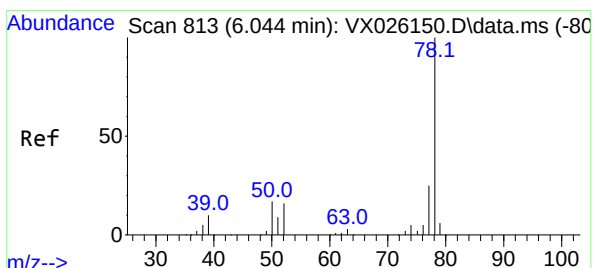
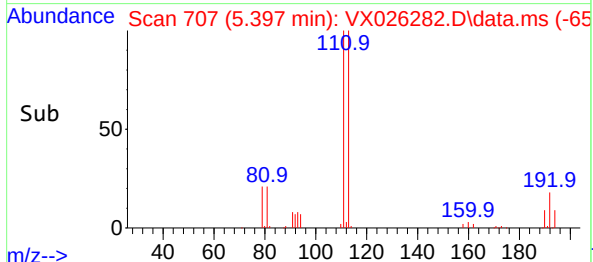
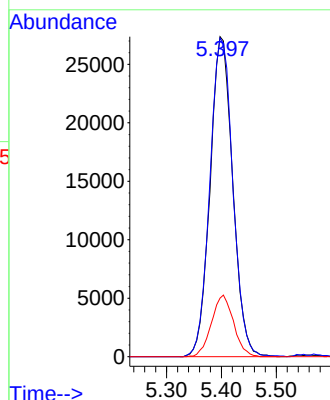
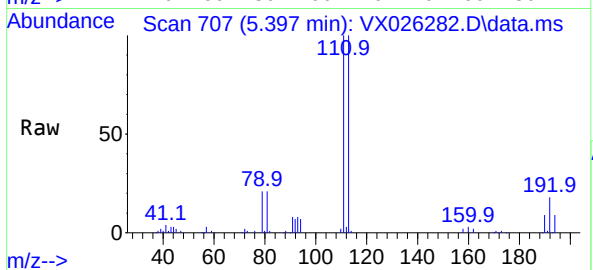




#35
Dibromofluoromethane
Concen: 44.699 ug/l
RT: 5.397 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX026282.D
Acq: 04 Jan 2022 19:42

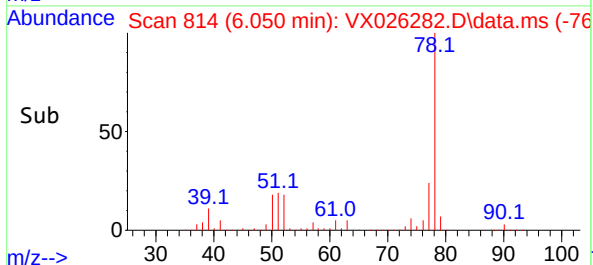
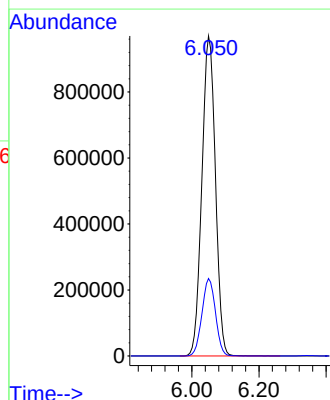
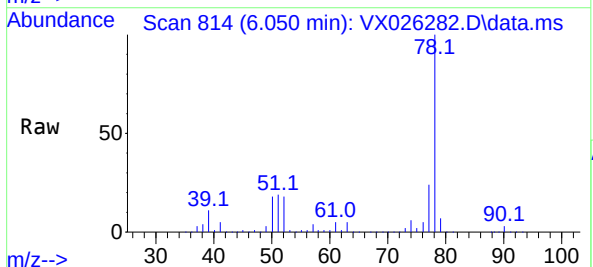
Instrument :
MSVOA_X
ClientSampleId :
40562

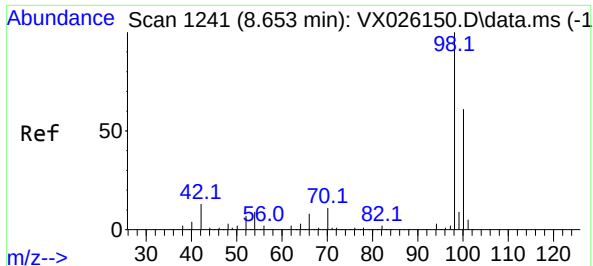
Tgt Ion:113 Resp: 78313
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.8
192 18.8 15.0 22.4



#40
Benzene
Concen: 336.046 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX026282.D
Acq: 04 Jan 2022 19:42

Tgt Ion: 78 Resp: 2710147
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8

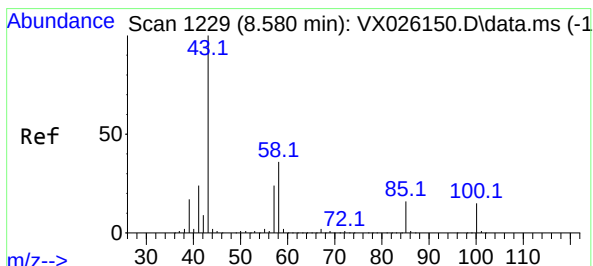
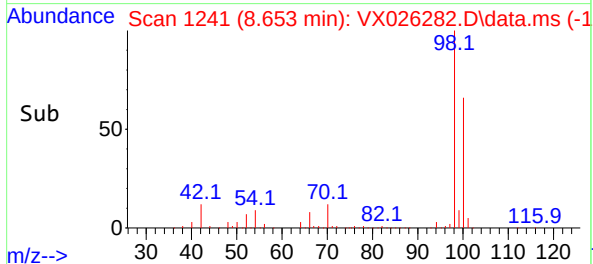
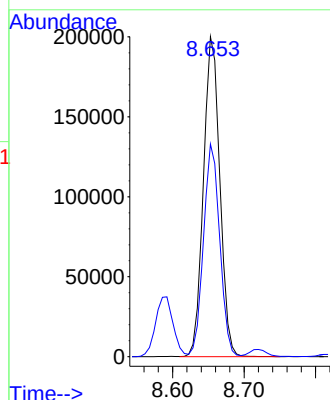
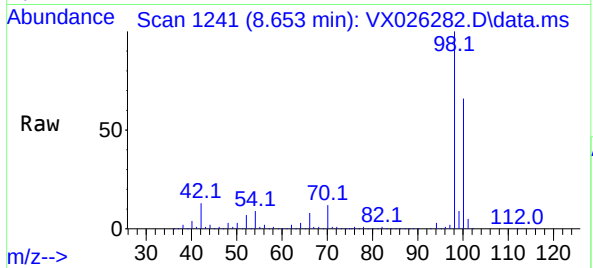




#50
Toluene-d8
Concen: 48.924 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026282.D
Acq: 04 Jan 2022 19:42

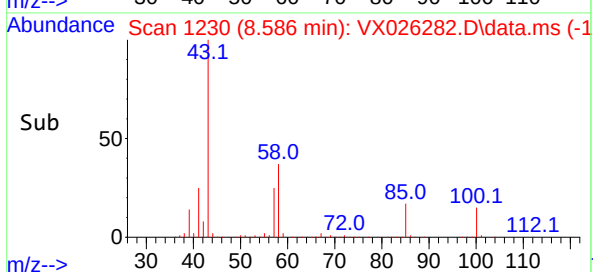
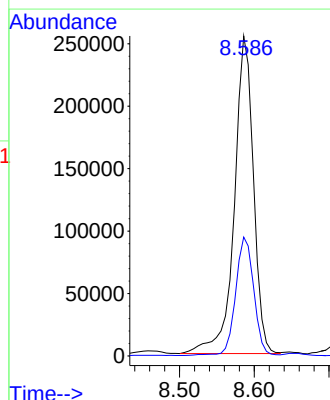
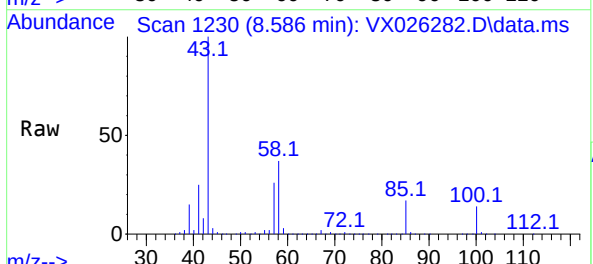
Instrument :
MSVOA_X
ClientSampleId :
40562

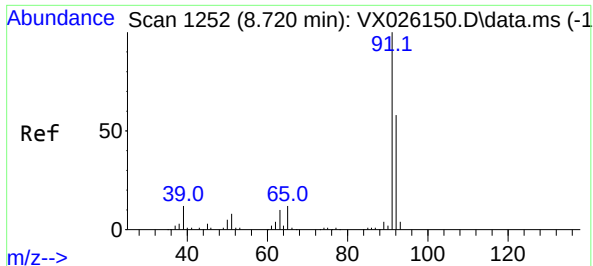
Tgt Ion: 98 Resp: 318822
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 136.002 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX026282.D
Acq: 04 Jan 2022 19:42

Tgt Ion: 43 Resp: 451947
Ion Ratio Lower Upper
43 100
58 35.4 30.8 46.2

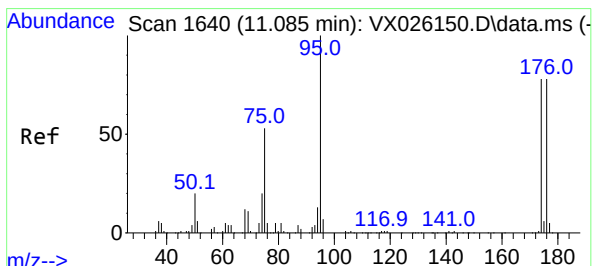
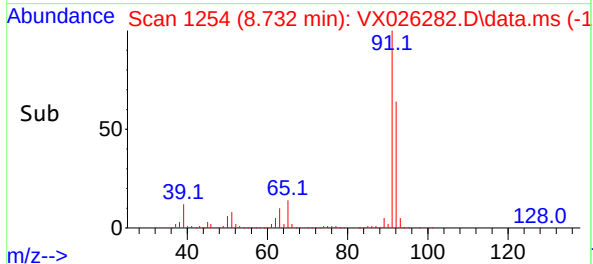
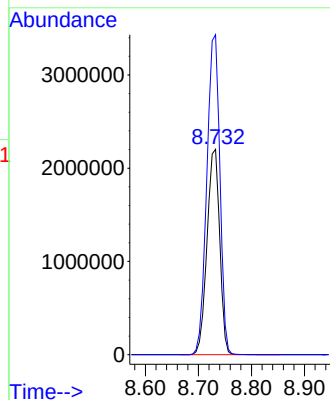
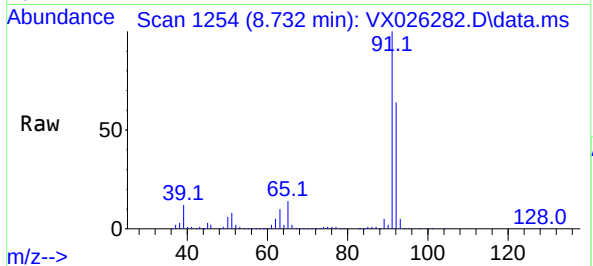




#52
Toluene
Concen: 736.353 ug/l
RT: 8.732 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX026282.D
Acq: 04 Jan 2022 19:42

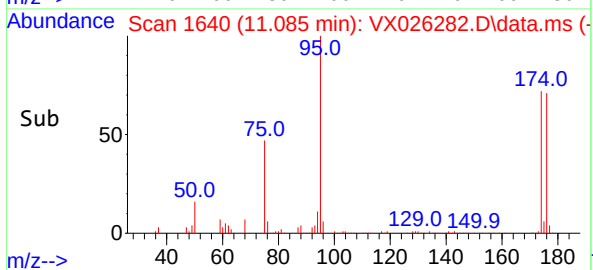
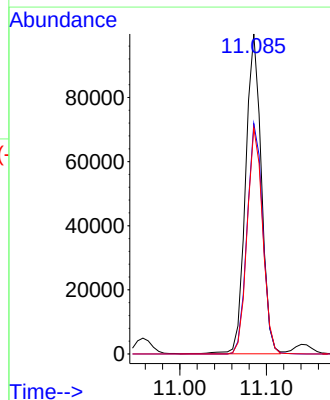
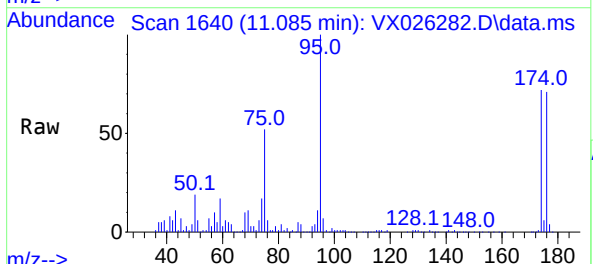
Instrument :
MSVOA_X
ClientSampleId :
40562

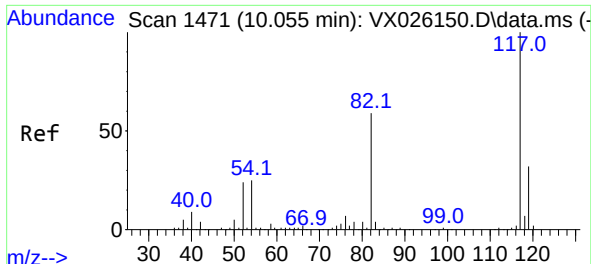
Tgt Ion: 92 Resp: 3655908
Ion Ratio Lower Upper
92 100
91 160.2 136.0 204.0



#62
4-Bromofluorobenzene
Concen: 54.230 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX026282.D
Acq: 04 Jan 2022 19:42

Tgt Ion: 95 Resp: 125807
Ion Ratio Lower Upper
95 100
174 71.5 0.0 157.4
176 69.6 0.0 154.6

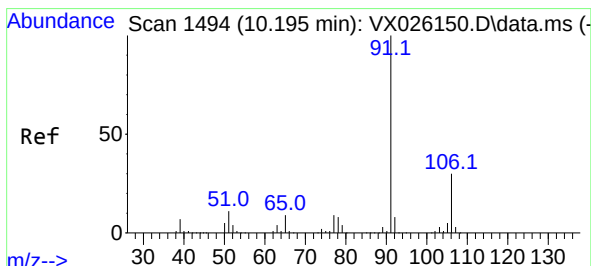
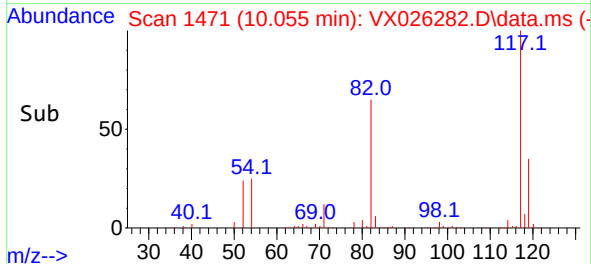
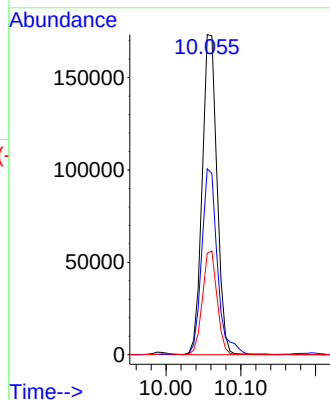
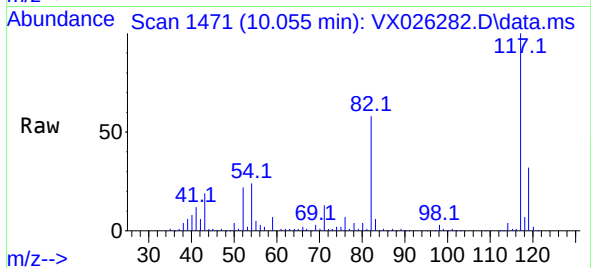




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026282.D
Acq: 04 Jan 2022 19:42

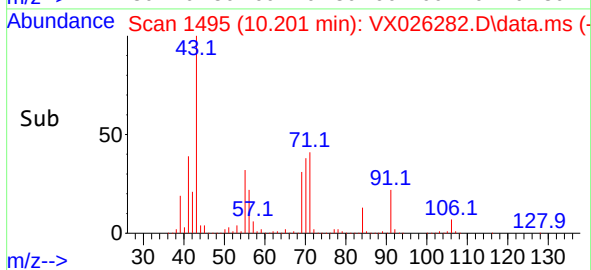
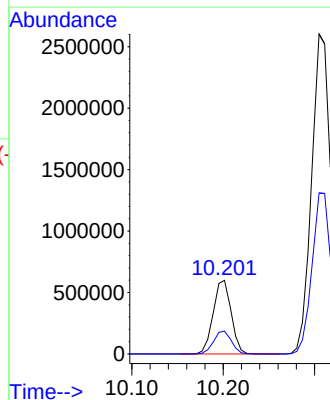
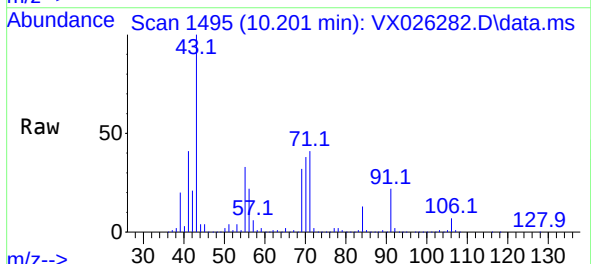
Instrument :
MSVOA_X
ClientSampleId :
40562

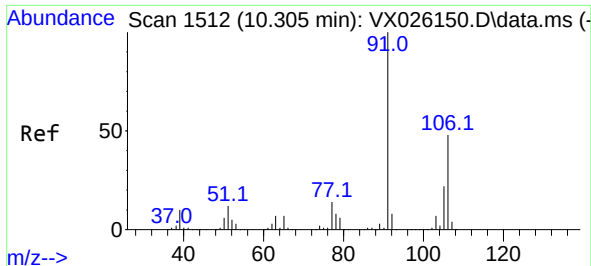
Tgt Ion:117 Resp: 238802
Ion Ratio Lower Upper
117 100
82 58.1 43.8 65.6
119 31.7 25.2 37.8



#67
Ethyl Benzene
Concen: 86.999 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX026282.D
Acq: 04 Jan 2022 19:42

Tgt Ion: 91 Resp: 816058
Ion Ratio Lower Upper
91 100
106 31.1 25.7 38.5

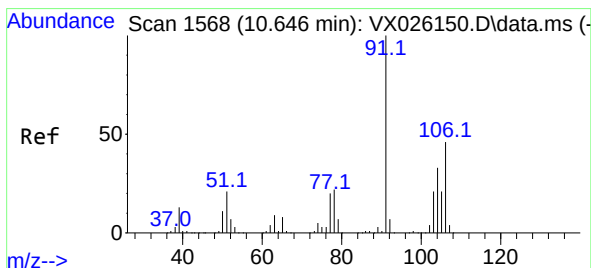
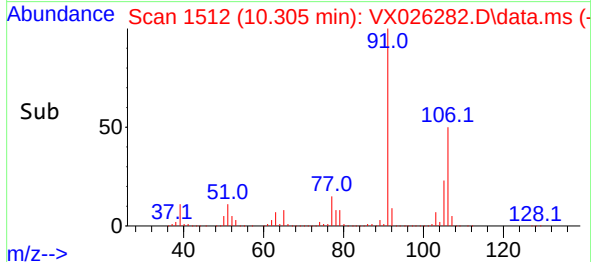
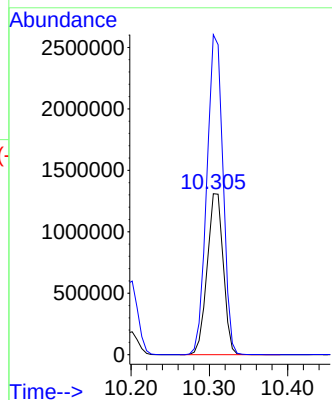
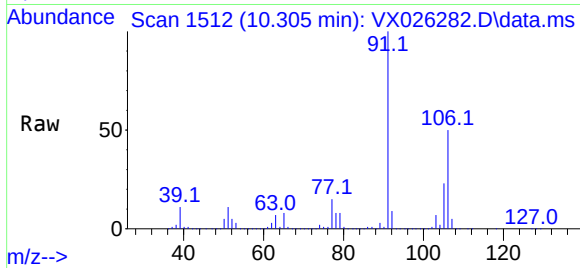




#68
m/p-Xylenes
Concen: 532.421 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026282.D
Acq: 04 Jan 2022 19:42

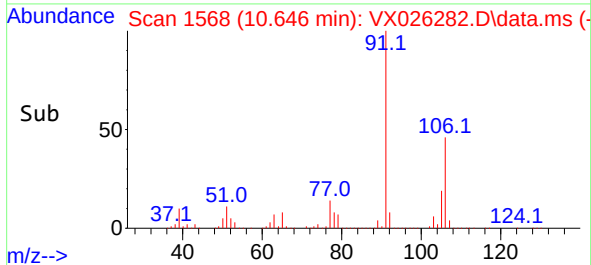
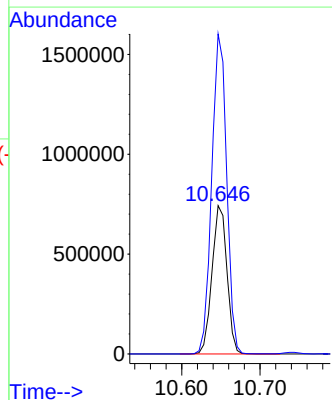
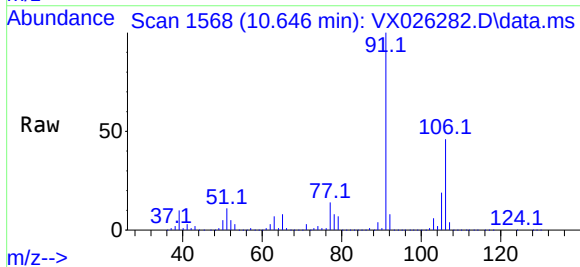
Instrument :
MSVOA_X
ClientSampleId :
40562

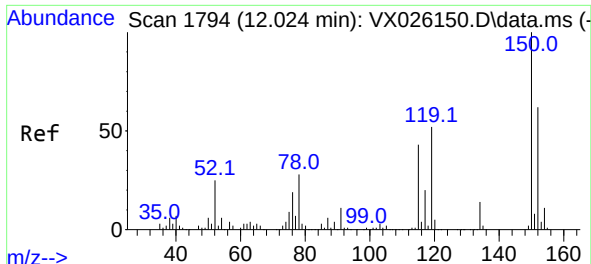
Tgt Ion:106 Resp: 1864703
Ion Ratio Lower Upper
106 100
91 199.6 158.6 238.0



#69
o-Xylene
Concen: 286.034 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX026282.D
Acq: 04 Jan 2022 19:42

Tgt Ion:106 Resp: 980178
Ion Ratio Lower Upper
106 100
91 215.6 105.5 316.4

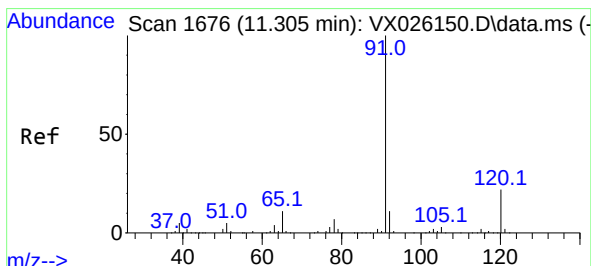
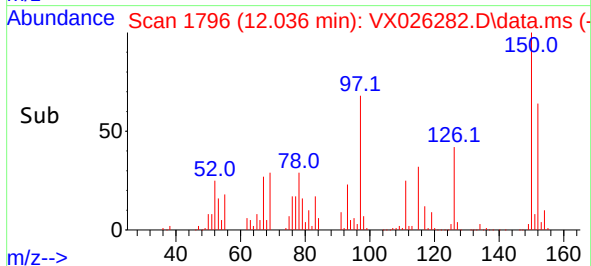
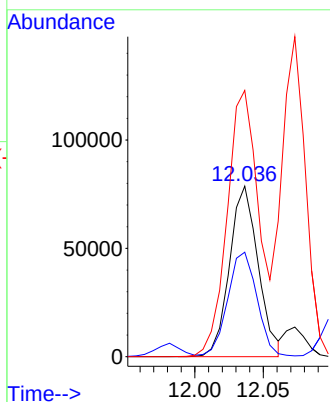
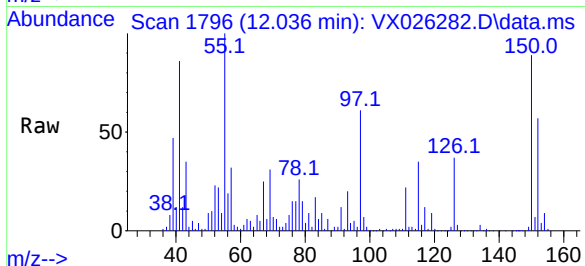




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.036 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX026282.D
Acq: 04 Jan 2022 19:42

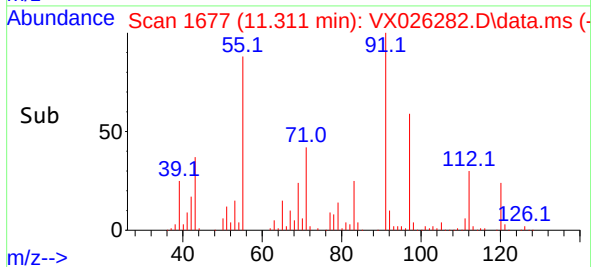
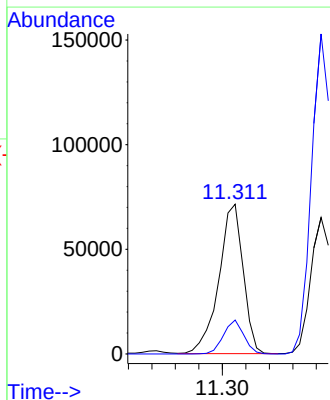
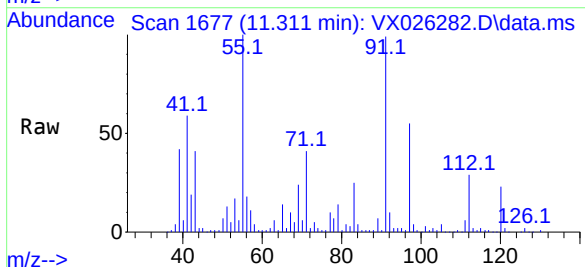
Instrument :
MSVOA_X
ClientSampleId :
40562

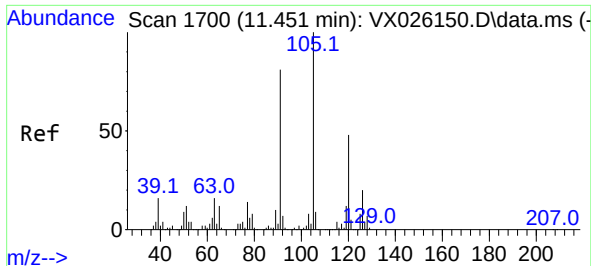
Tgt Ion:152 Resp: 114664
Ion Ratio Lower Upper
152 100
115 61.6 41.3 123.9
150 172.0 0.0 351.8



#78
n-propylbenzene
Concen: 10.017 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX026282.D
Acq: 04 Jan 2022 19:42

Tgt Ion: 91 Resp: 102652
Ion Ratio Lower Upper
91 100
120 19.0 12.0 36.1

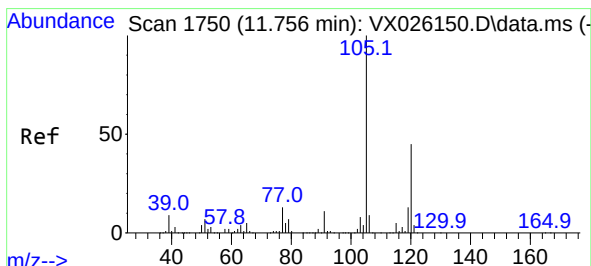
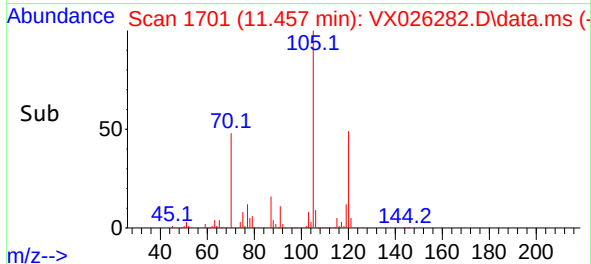
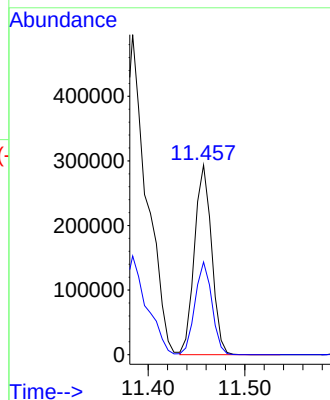
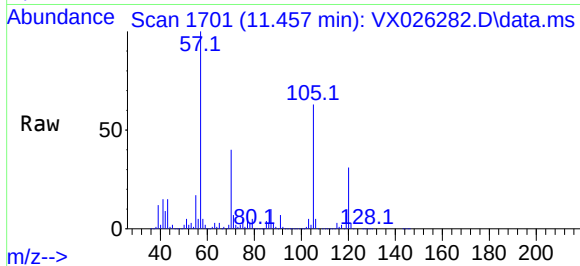




#80
1,3,5-Trimethylbenzene
Concen: 48.945 ug/l
RT: 11.457 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VX026282.D
Acq: 04 Jan 2022 19:42

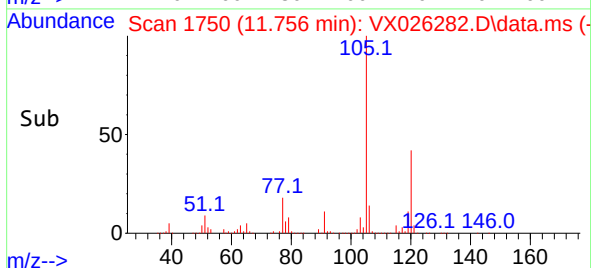
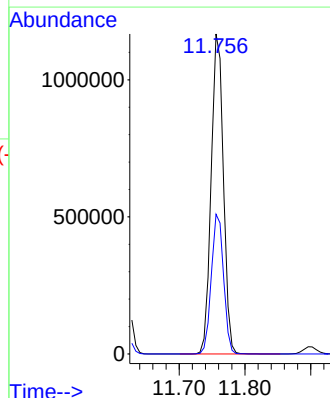
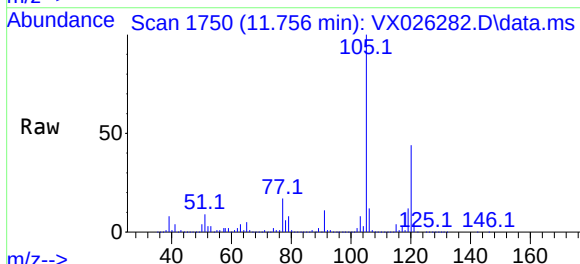
Instrument :
MSVOA_X
ClientSampleId :
40562

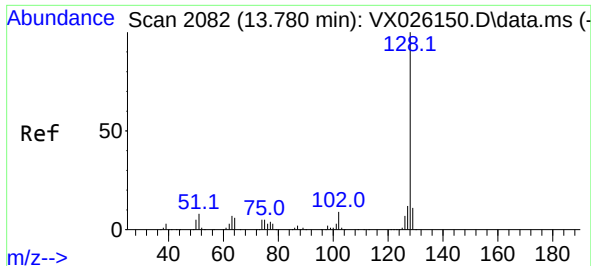
Tgt Ion:105 Resp: 362022
Ion Ratio Lower Upper
105 100
120 48.4 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 204.454 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX026282.D
Acq: 04 Jan 2022 19:42

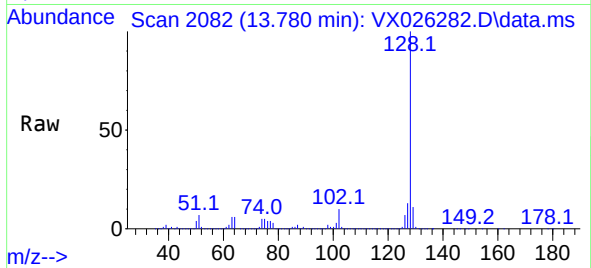
Tgt Ion:105 Resp: 1511030
Ion Ratio Lower Upper
105 100
120 43.7 22.9 68.7





#95
Naphthalene
Concen: 115.227 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX026282.D
Acq: 04 Jan 2022 19:42

Instrument :
MSVOA_X
ClientSampleId :
40562



Tgt Ion:128 Resp: 1021145
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.8 13.2

