

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050222\
 Data File : VX028487.D
 Acq On : 02 May 2022 20:42
 Operator : JC/MD
 Sample : N2642-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30989

Quant Time: May 03 04:54:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

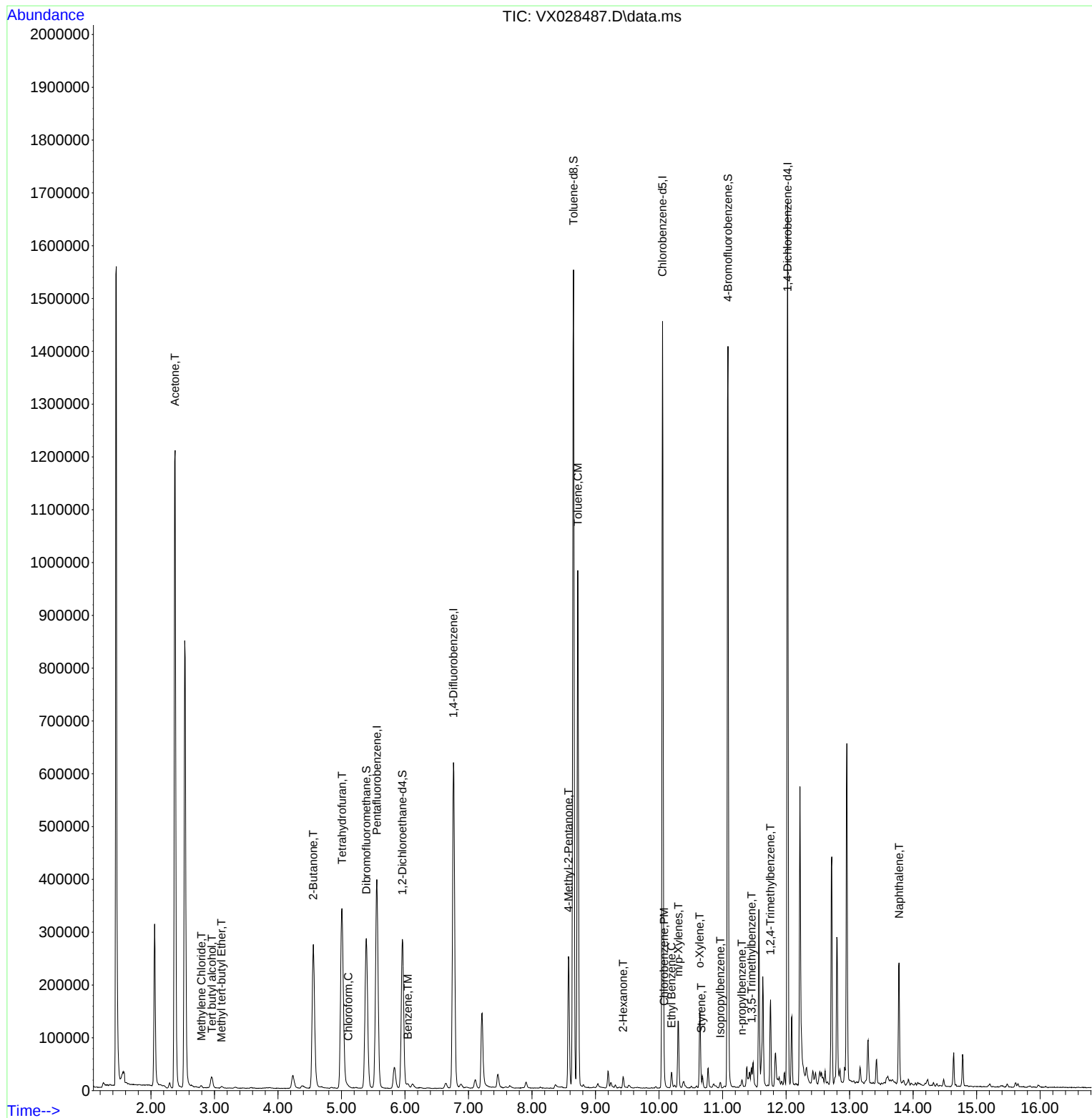
Internal Standards						
1) Pentafluorobenzene	5.556	168	384200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	667861	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	663015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	345797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	270450	53.987	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.980%	
35) Dibromofluoromethane	5.391	113	246313	52.590	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.180%	
50) Toluene-d8	8.653	98	943337	52.440	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.880%	
62) 4-Bromofluorobenzene	11.085	95	361465	52.552	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 105.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	22189	13.741	ug/l	96
16) Acetone	2.380	43	1244409	816.467	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	3176	0.258	ug/l #	91
20) Methylene Chloride	2.794	84	1986	0.534	ug/l #	90
25) 2-Butanone	4.556	43	449841	151.624	ug/l	98
29) Tetrahydrofuran	5.007	42	295505	152.757	ug/l	100
30) Chloroform	5.105	83	3775	0.472	ug/l	96
40) Benzene	6.044	78	9290	0.519	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	138612	21.410	ug/l	96
52) Toluene	8.720	92	372079	29.947	ug/l	98
59) 2-Hexanone	9.433	43	11488	2.291	ug/l	95
65) Chlorobenzene	10.079	112	8514	0.602	ug/l	93
67) Ethyl Benzene	10.195	91	17216	0.726	ug/l	96
68) m/p-Xylenes	10.305	106	32006	3.318	ug/l	95
69) o-Xylene	10.640	106	33689	3.503	ug/l	97
70) Styrene	10.665	104	5763	0.370	ug/l #	10
73) Isopropylbenzene	10.963	105	5741	0.242	ug/l	99
78) n-propylbenzene	11.305	91	5826	0.221	ug/l	87
80) 1,3,5-Trimethylbenzene	11.457	105	15271	0.757	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	68102	3.396	ug/l	94
95) Naphthalene	13.780	128	149265	6.520	ug/l	99

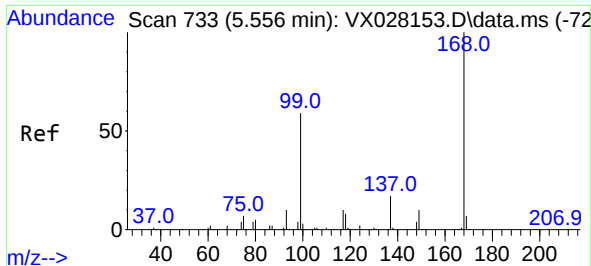
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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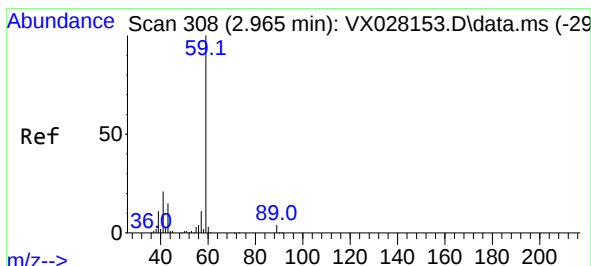
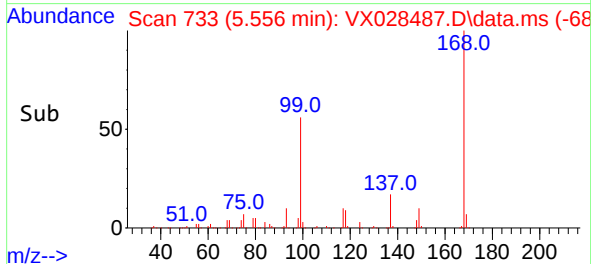
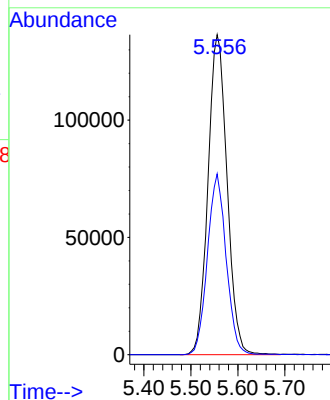
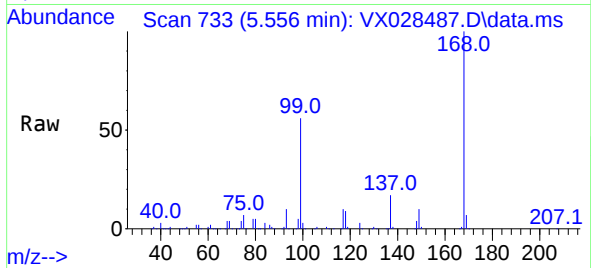




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

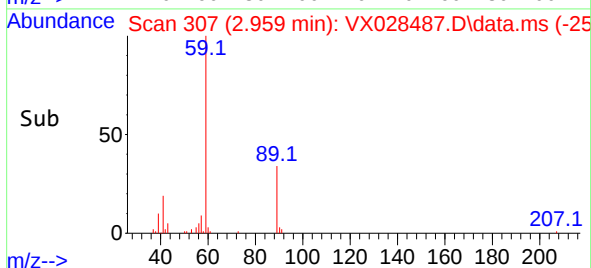
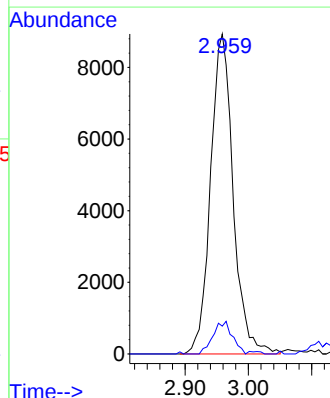
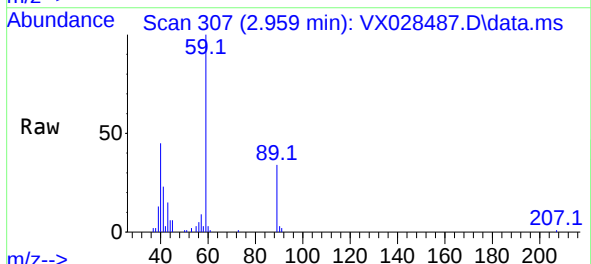
Instrument :
MSVOA_X
ClientSampleId :
30989

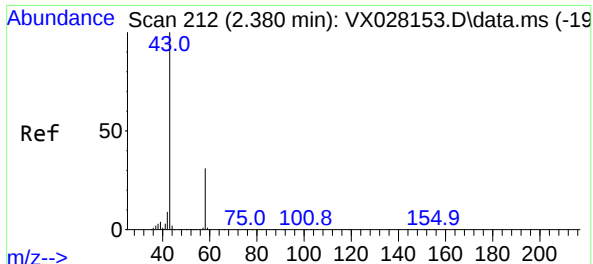
Tgt Ion:168 Resp: 384200
Ion Ratio Lower Upper
168 100
99 56.5 41.7 62.5



#11
Tert butyl alcohol
Concen: 13.741 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

Tgt Ion: 59 Resp: 22189
Ion Ratio Lower Upper
59 100
57 8.9 8.3 12.5

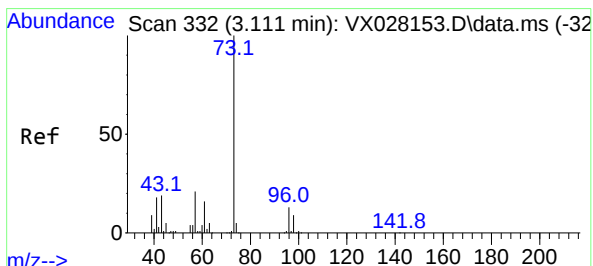
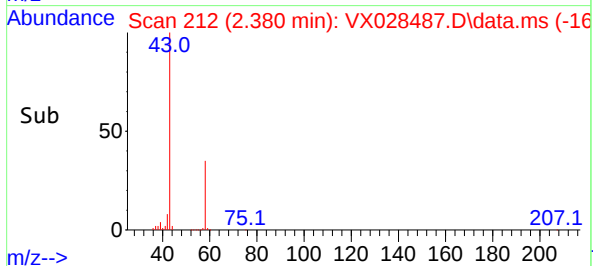
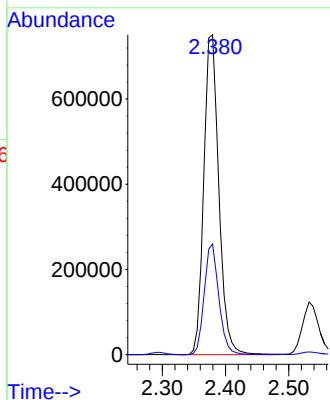
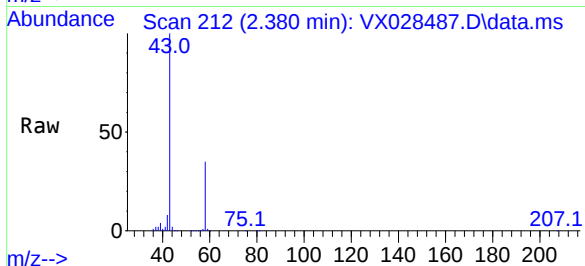




#16
Acetone
Concen: 816.467 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

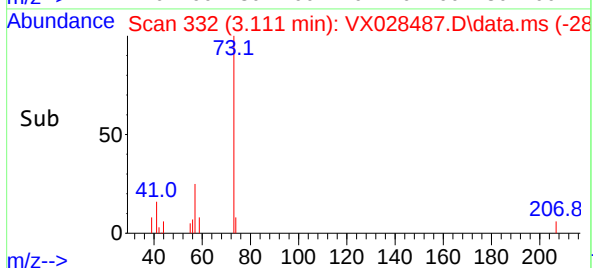
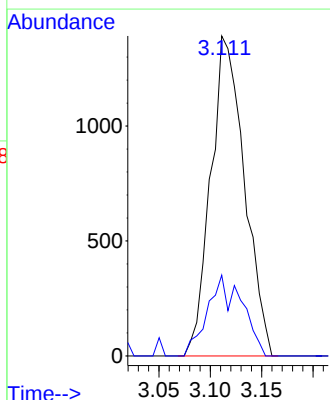
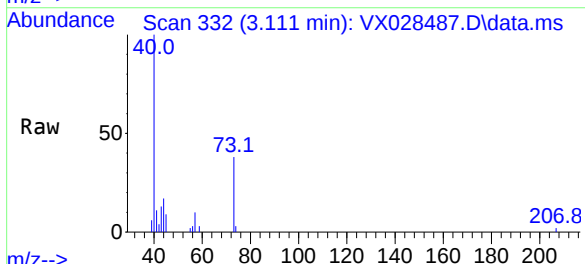
Instrument :
MSVOA_X
ClientSampleId :
30989

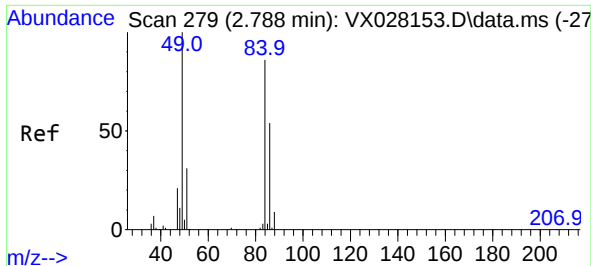
Tgt Ion: 43 Resp: 1244409
Ion Ratio Lower Upper
43 100
58 34.6 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 0.258 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

Tgt Ion: 73 Resp: 3176
Ion Ratio Lower Upper
73 100
57 25.2 16.8 25.2#



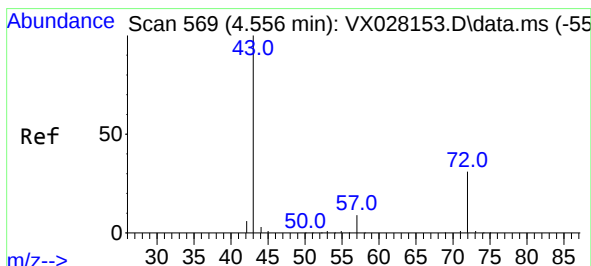
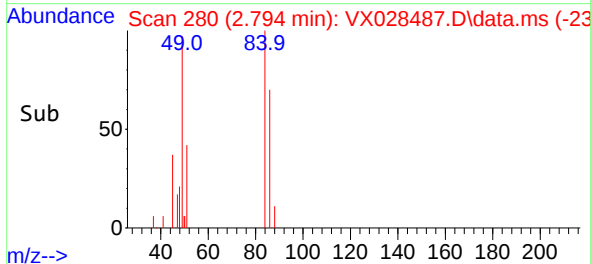
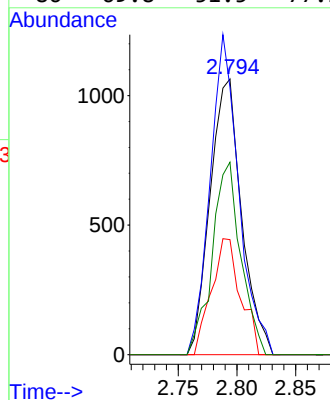
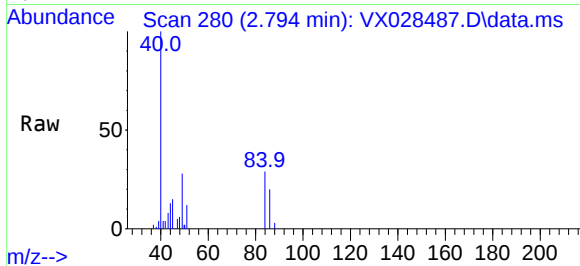


#20
Methylene Chloride
Concen: 0.534 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

Instrument :
MSVOA_X
ClientSampleId :
30989

Tgt Ion: 84 Resp: 1986

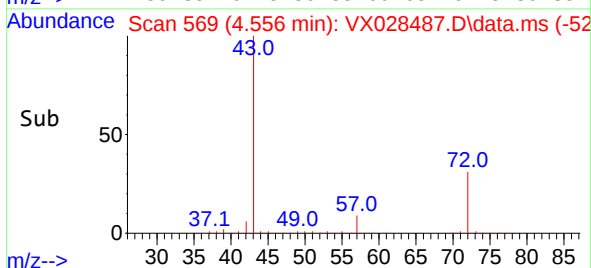
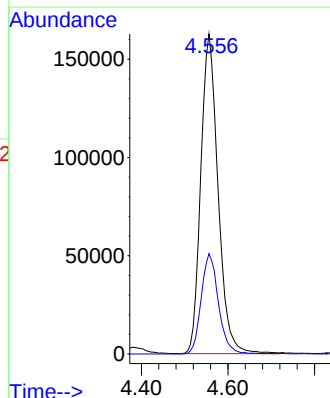
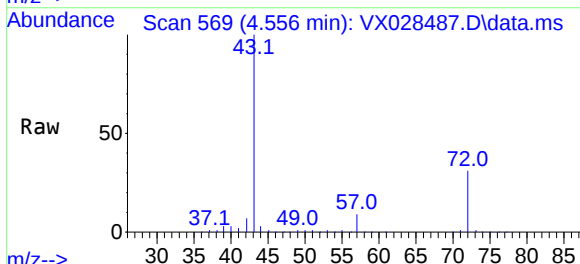
Ion	Ratio	Lower	Upper
84	100		
49	97.0	85.5	128.3
51	41.7	26.6	39.8#
86	69.8	51.5	77.3

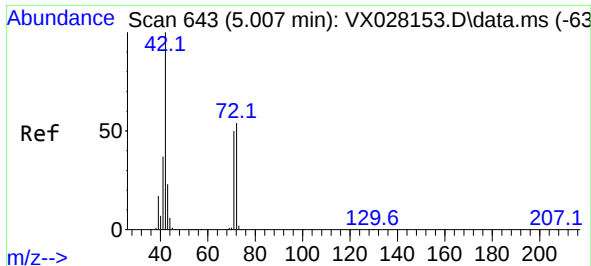


#25
2-Butanone
Concen: 151.624 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

Tgt Ion: 43 Resp: 449841

Ion	Ratio	Lower	Upper
43	100		
72	31.4	24.4	36.6

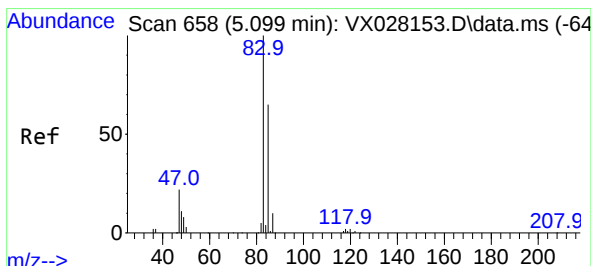
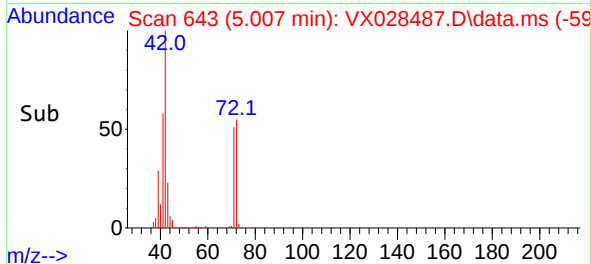
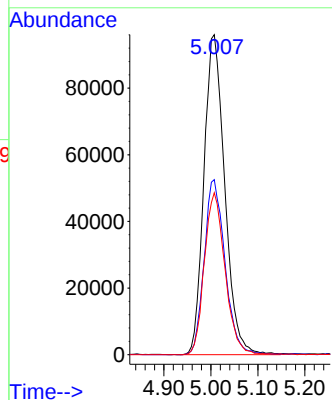
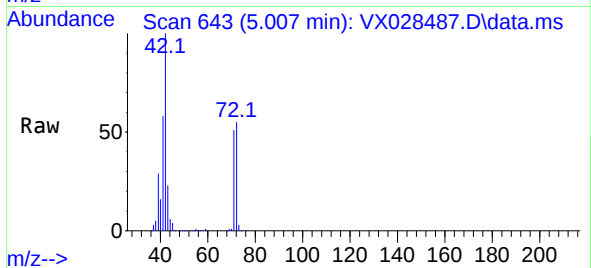




#29
Tetrahydrofuran
Concen: 152.757 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

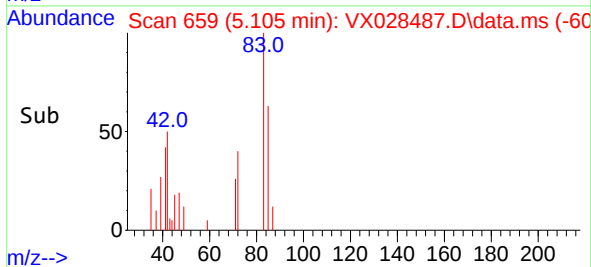
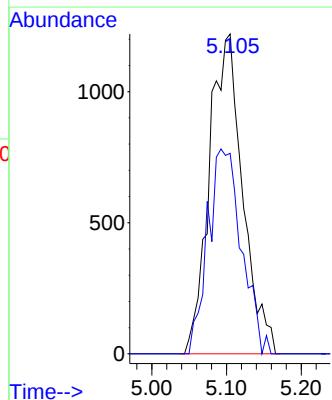
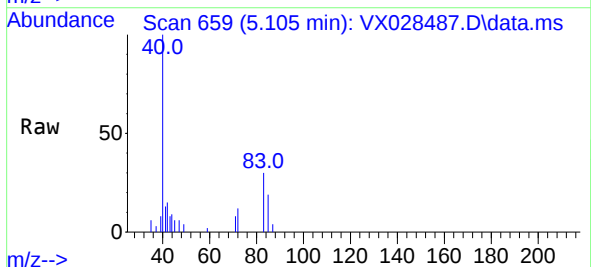
Instrument :
MSVOA_X
ClientSampleId :
30989

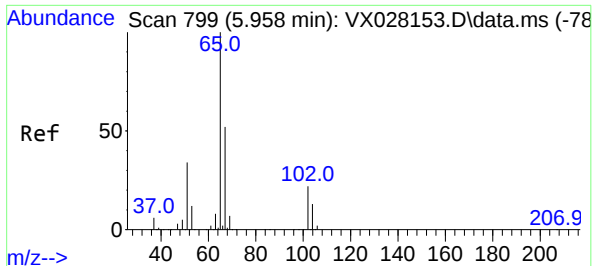
Tgt Ion: 42 Resp: 295505
Ion Ratio Lower Upper
42 100
72 54.7 44.1 66.1
71 50.4 40.5 60.7



#30
Chloroform
Concen: 0.472 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

Tgt Ion: 83 Resp: 3775
Ion Ratio Lower Upper
83 100
85 62.7 52.7 79.1

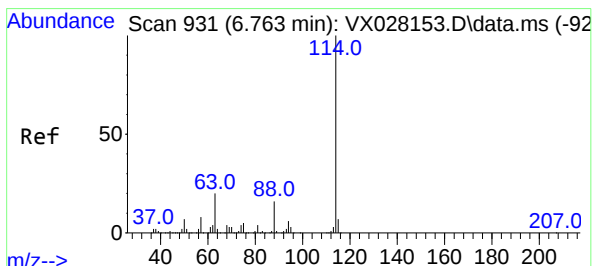
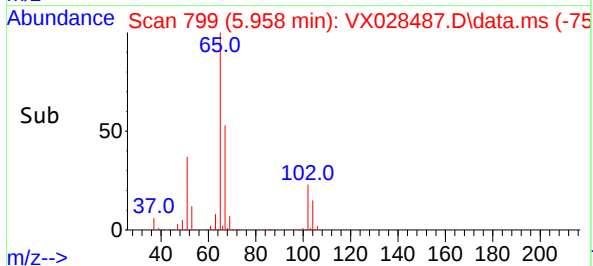
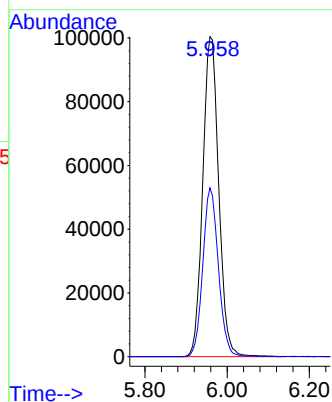
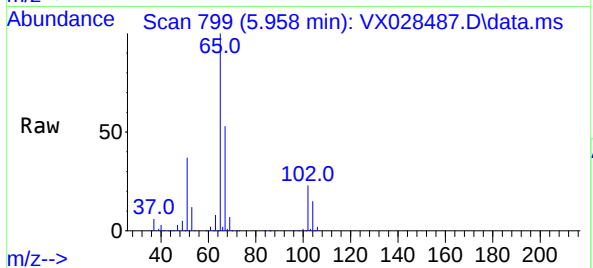




#33
 1,2-Dichloroethane-d4
 Concen: 53.987 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX028487.D
 Acq: 02 May 2022 20:42

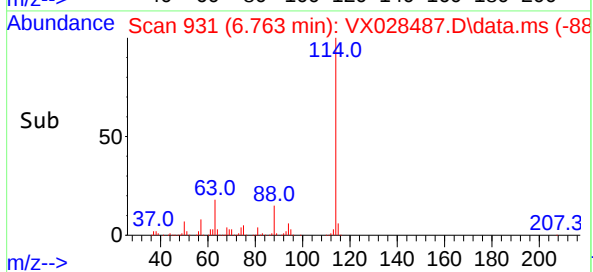
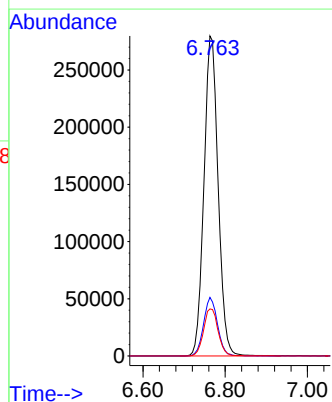
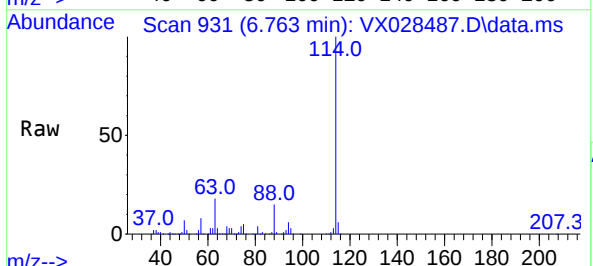
Instrument :
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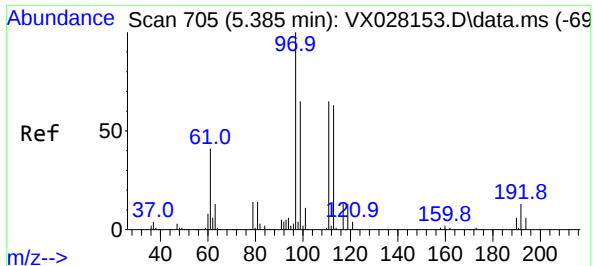
Tgt Ion: 65 Resp: 270450
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX028487.D
 Acq: 02 May 2022 20:42

Tgt Ion: 114 Resp: 667861
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.8
 88 14.7 0.0 32.4

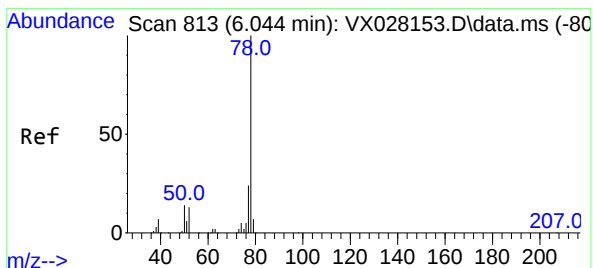
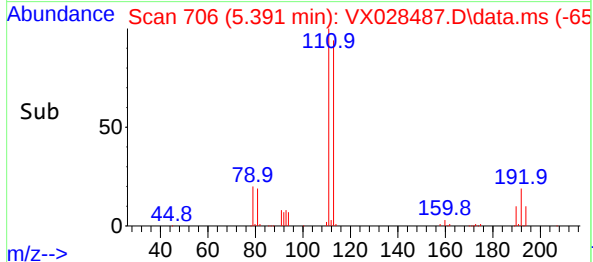
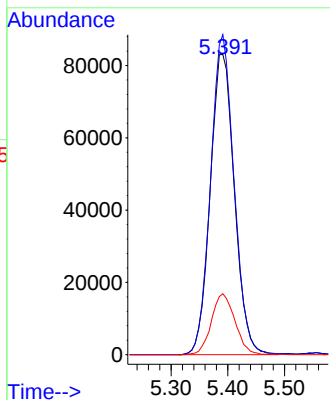
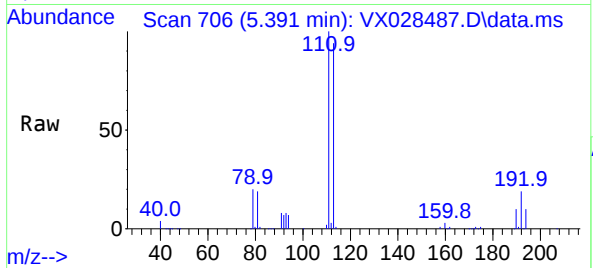




#35
Dibromofluoromethane
Concen: 52.590 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

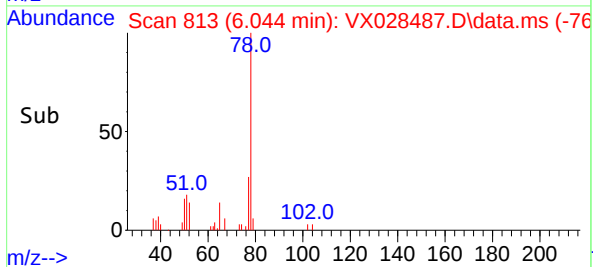
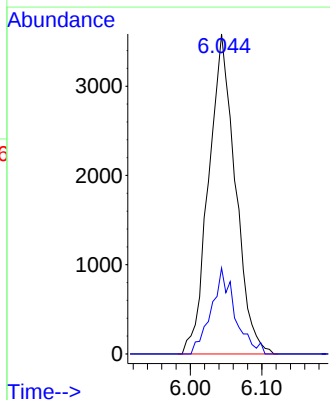
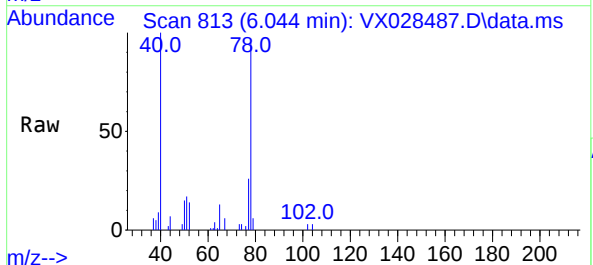
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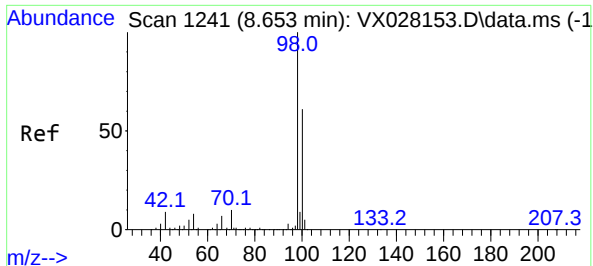
Tgt Ion:113 Resp: 246313
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 19.7 16.9 25.3



#40
Benzene
Concen: 0.519 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

Tgt Ion: 78 Resp: 9290
Ion Ratio Lower Upper
78 100
77 26.8 19.3 28.9

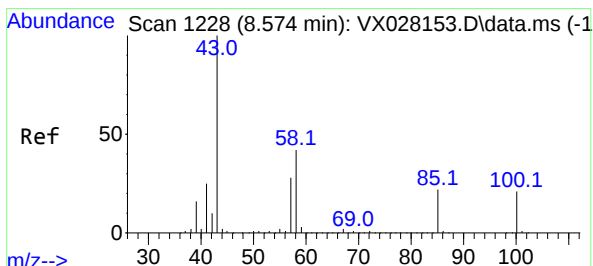
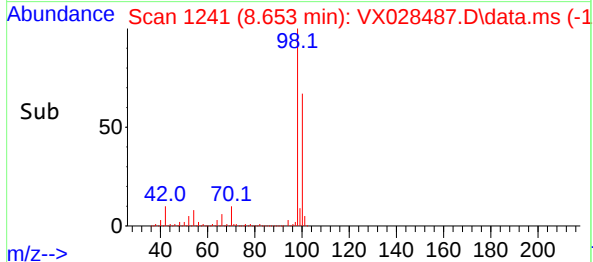
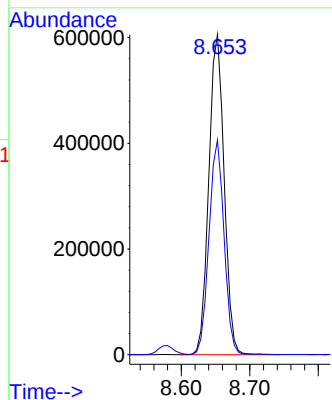
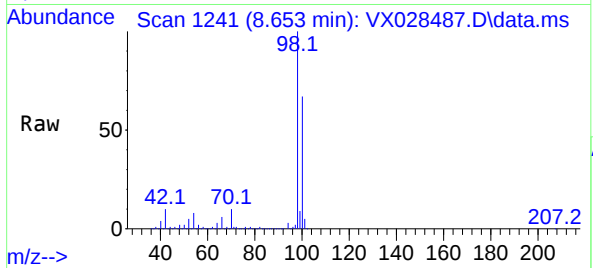




#50
Toluene-d8
Concen: 52.440 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

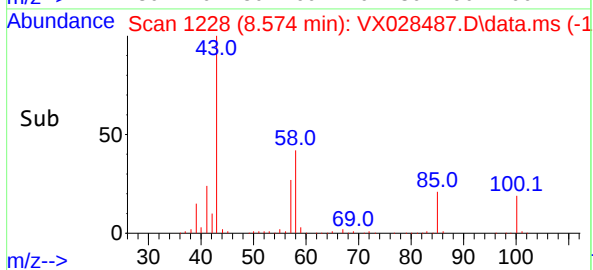
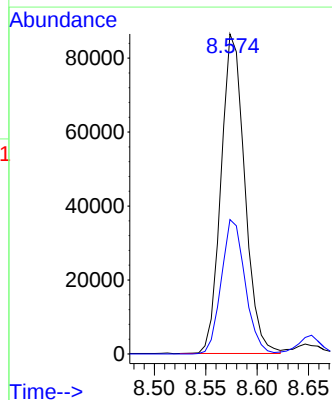
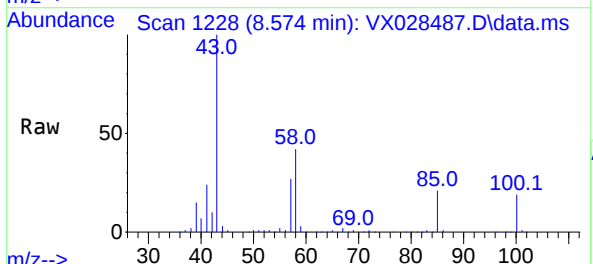
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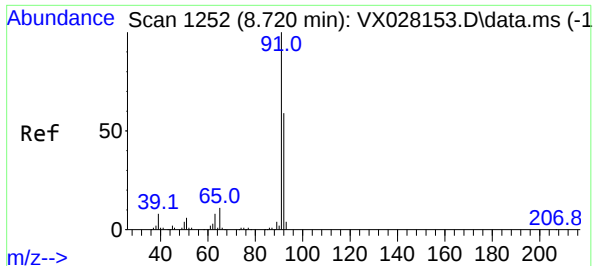
Tgt Ion: 98 Resp: 943337
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 21.410 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

Tgt Ion: 43 Resp: 138612
Ion Ratio Lower Upper
43 100
58 42.2 36.1 54.1

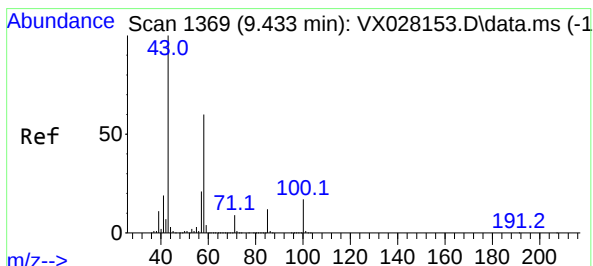
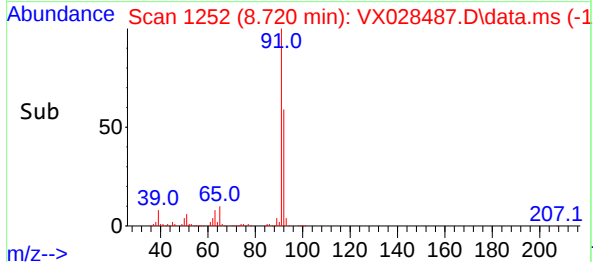
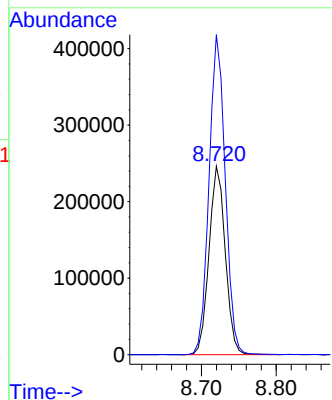
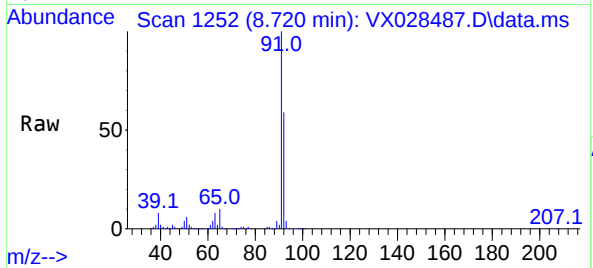




#52
Toluene
Concen: 29.947 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

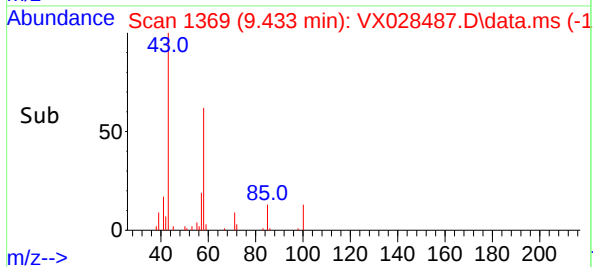
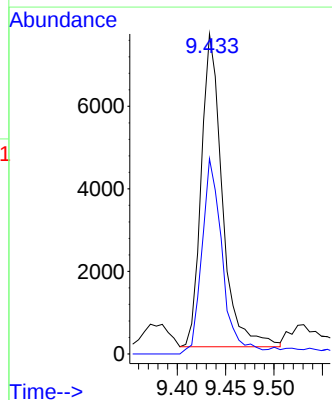
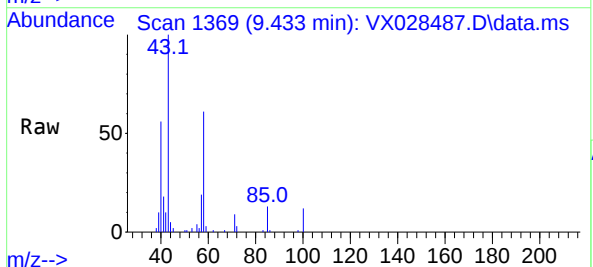
Instrument :
MSVOA_X
ClientSampleId :
30989

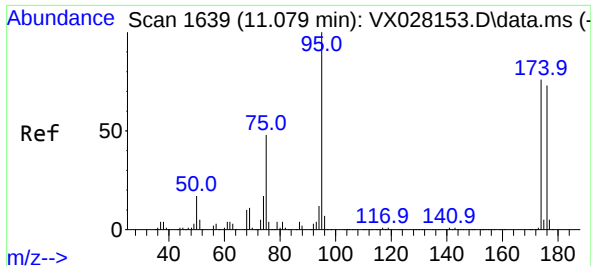
Tgt Ion: 92 Resp: 372079
Ion Ratio Lower Upper
92 100
91 169.3 137.5 206.3



#59
2-Hexanone
Concen: 2.291 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

Tgt Ion: 43 Resp: 11488
Ion Ratio Lower Upper
43 100
58 60.2 31.9 95.7

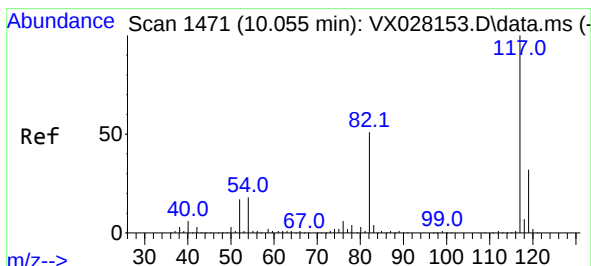
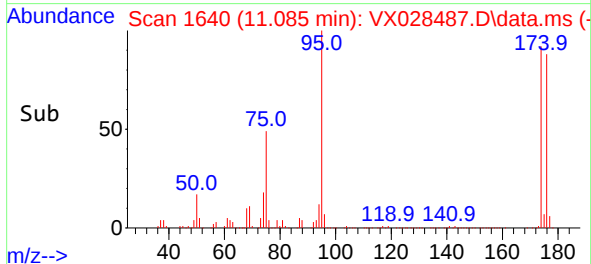
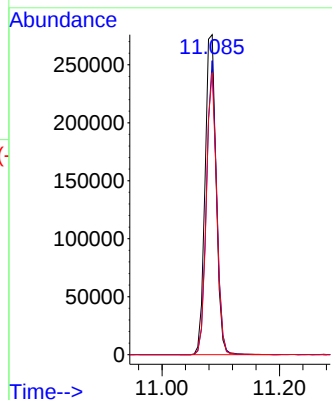
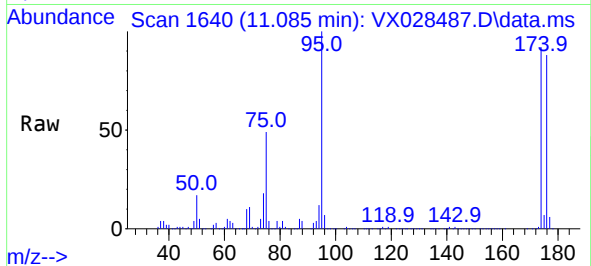




#62
4-Bromofluorobenzene
Concen: 52.552 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

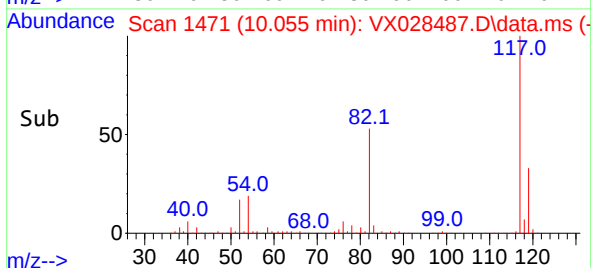
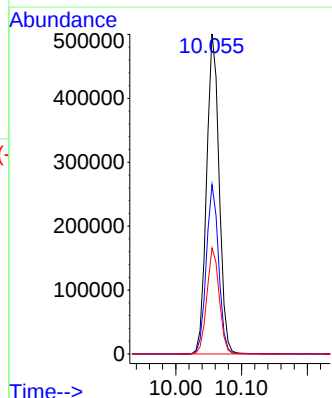
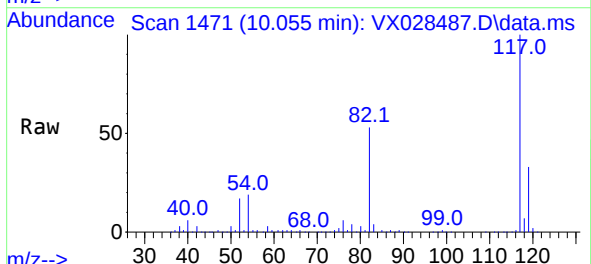
Instrument :
MSVOA_X
ClientSampleId :
30989

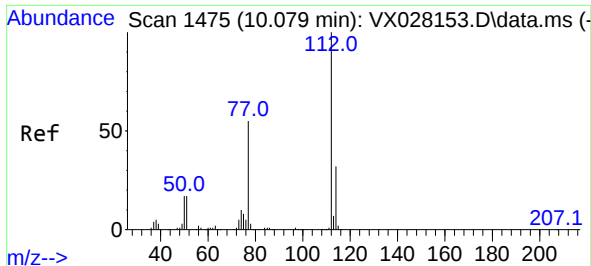
Tgt Ion: 95 Resp: 361465
Ion Ratio Lower Upper
95 100
174 84.5 0.0 163.0
176 82.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

Tgt Ion: 117 Resp: 663015
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.8
119 33.1 24.8 37.2

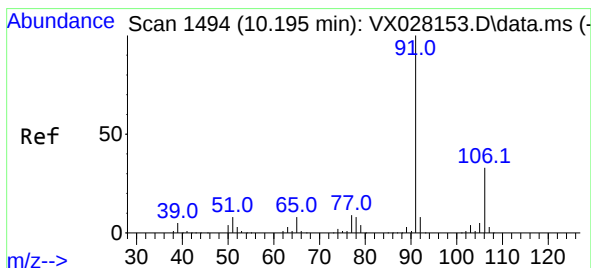
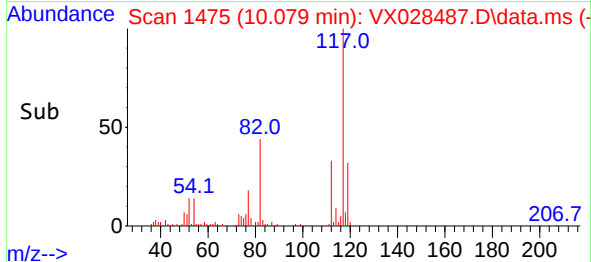
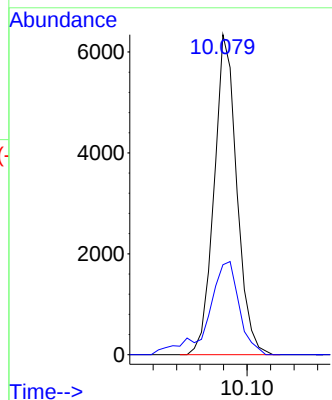
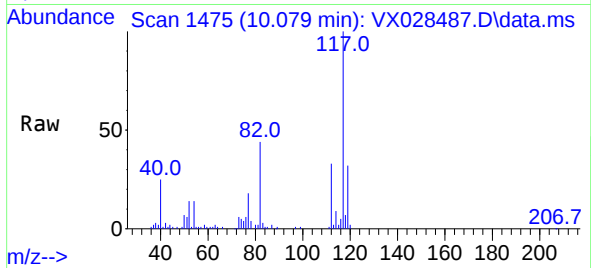




#65
Chlorobenzene
Concen: 0.602 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

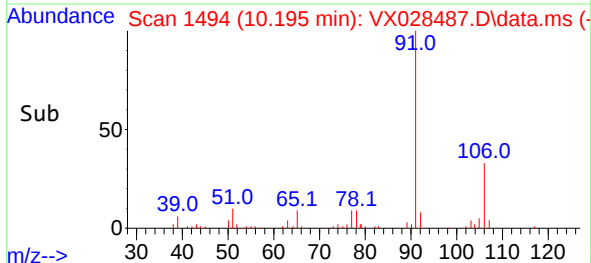
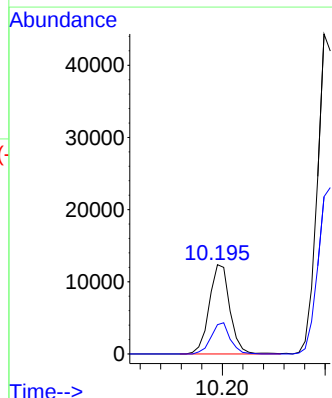
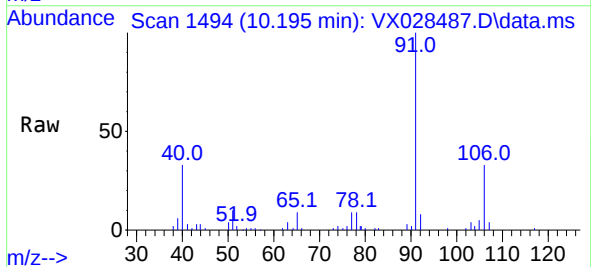
Instrument :
MSVOA_X
ClientSampleId :
30989

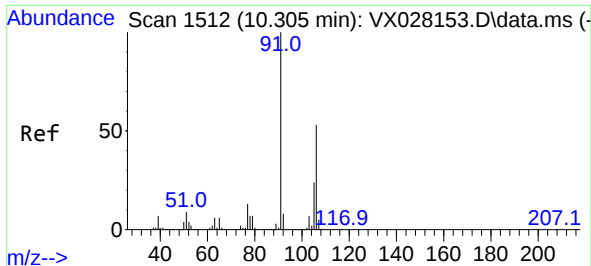
Tgt Ion:112 Resp: 8514
Ion Ratio Lower Upper
112 100
114 28.1 25.8 38.8



#67
Ethyl Benzene
Concen: 0.726 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

Tgt Ion: 91 Resp: 17216
Ion Ratio Lower Upper
91 100
106 32.8 24.6 36.8

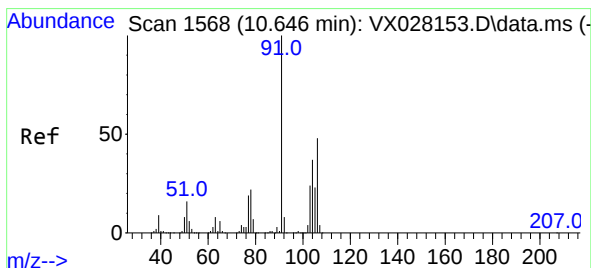
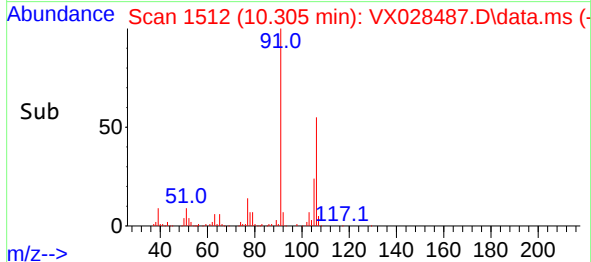
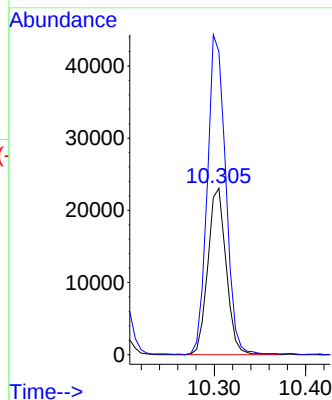
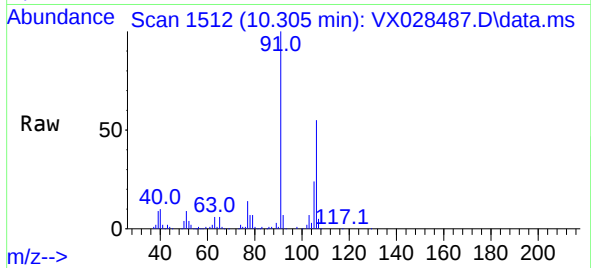




#68
m/p-Xylenes
Concen: 3.318 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

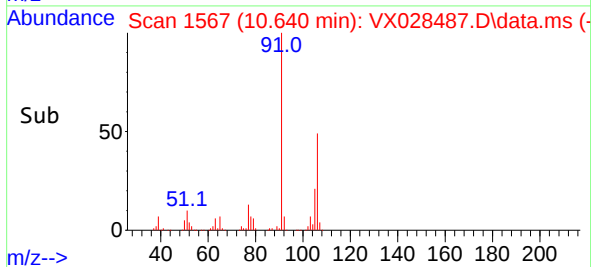
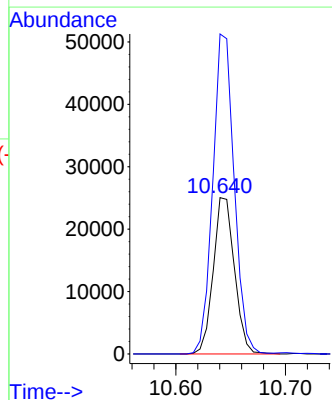
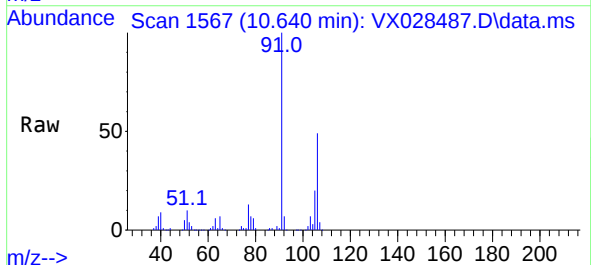
Instrument :
MSVOA_X
ClientSampleId :
30989

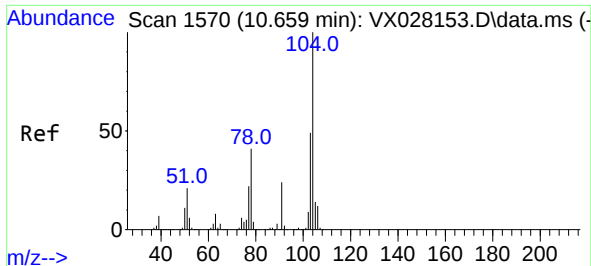
Tgt Ion:106 Resp: 32006
Ion Ratio Lower Upper
106 100
91 192.9 160.4 240.6



#69
o-Xylene
Concen: 3.503 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

Tgt Ion:106 Resp: 33689
Ion Ratio Lower Upper
106 100
91 206.7 106.1 318.1

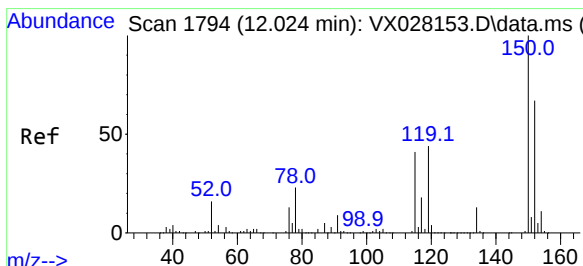
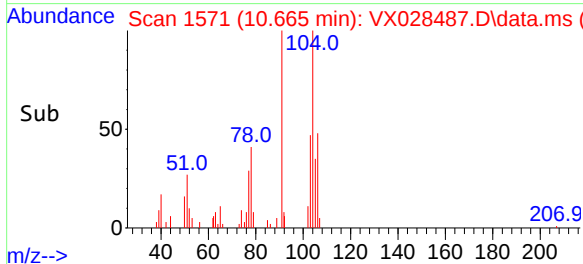
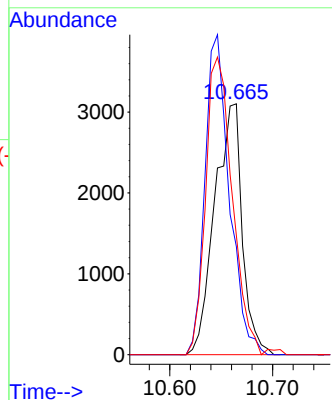
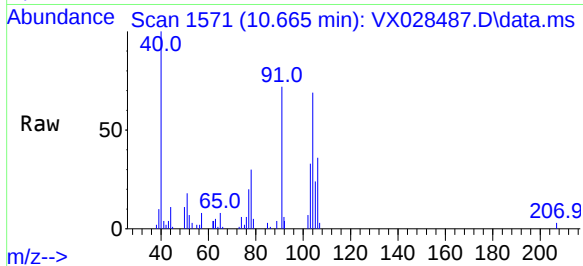




#70
Styrene
Concen: 0.370 ug/l
RT: 10.665 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

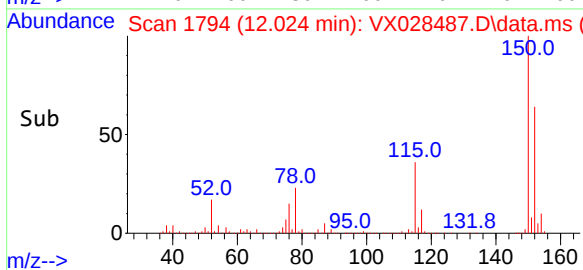
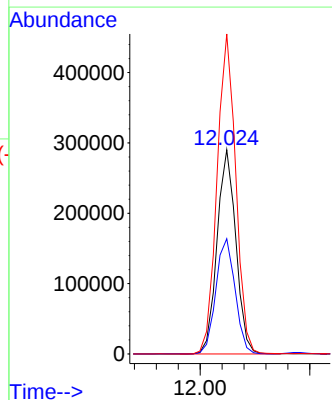
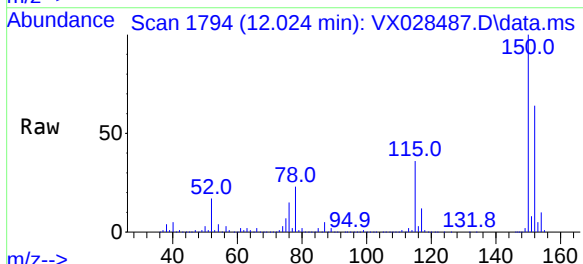
Instrument :
MSVOA_X
ClientSampleId :
30989

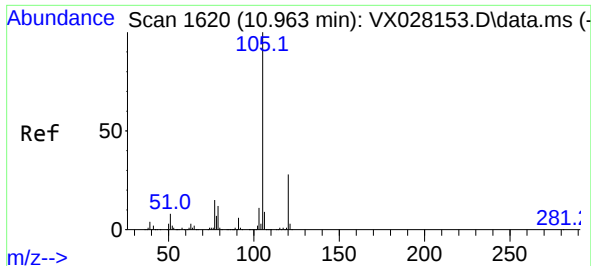
Tgt Ion:104 Resp: 5763
Ion Ratio Lower Upper
104 100
78 113.4 38.6 57.8#
103 115.8 43.8 65.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

Tgt Ion:152 Resp: 345797
Ion Ratio Lower Upper
152 100
115 57.8 37.5 112.7
150 156.4 0.0 338.2

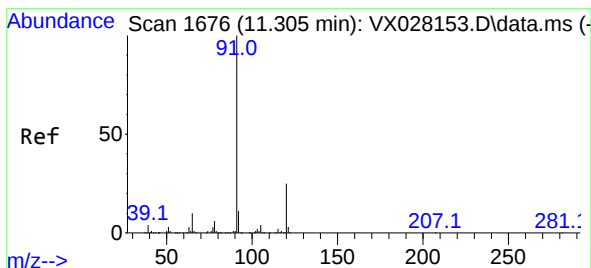
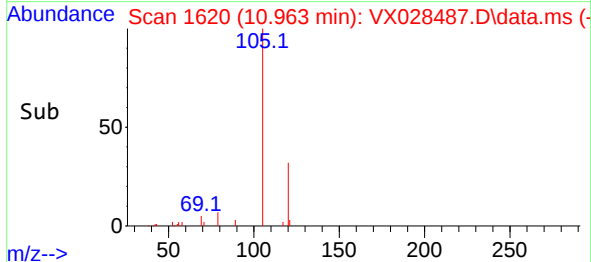
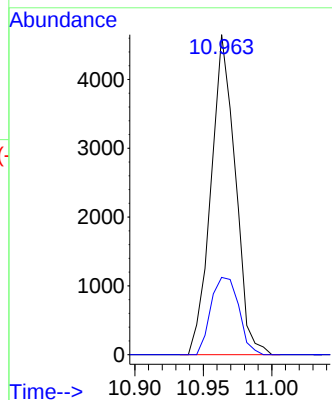
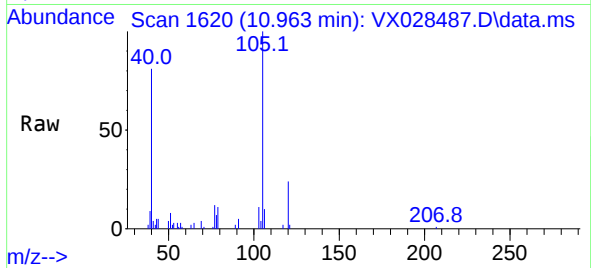




#73
Isopropylbenzene
Concen: 0.242 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

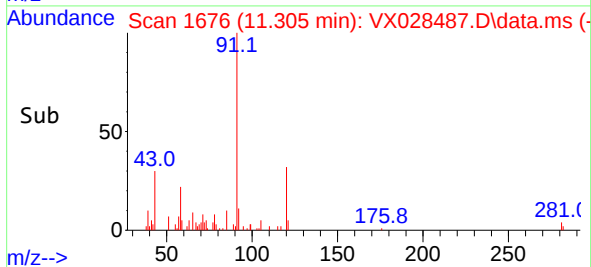
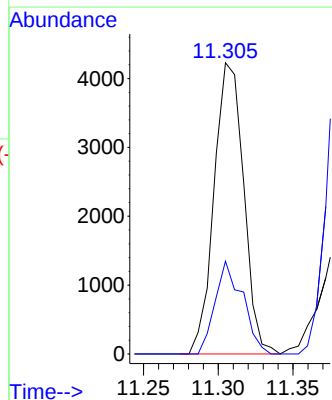
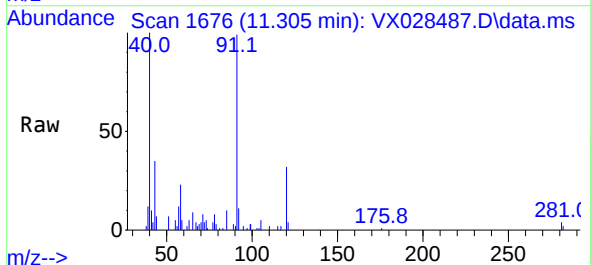
Instrument :
MSVOA_X
ClientSampleId :
30989

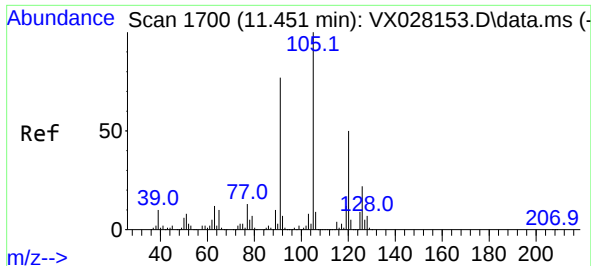
Tgt Ion:105 Resp: 5741
Ion Ratio Lower Upper
105 100
120 27.7 13.5 40.5



#78
n-propylbenzene
Concen: 0.221 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

Tgt Ion: 91 Resp: 5826
Ion Ratio Lower Upper
91 100
120 29.6 11.6 34.8

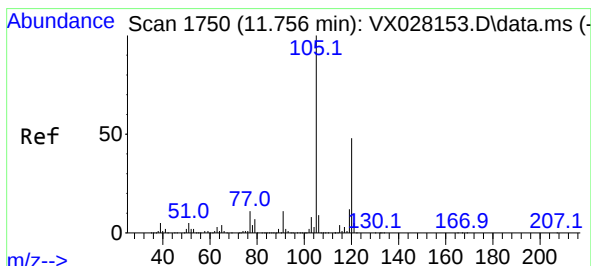
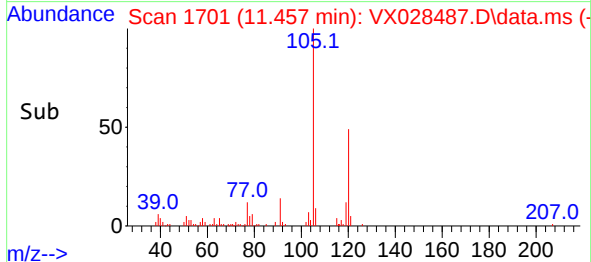
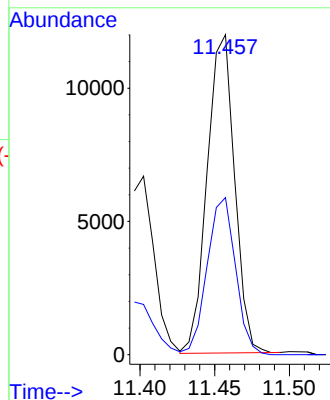
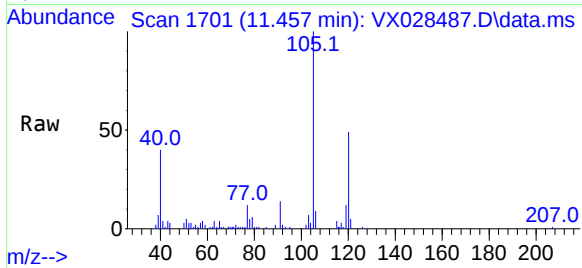




#80
 1,3,5-Trimethylbenzene
 Concen: 0.757 ug/l
 RT: 11.457 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX028487.D
 Acq: 02 May 2022 20:42

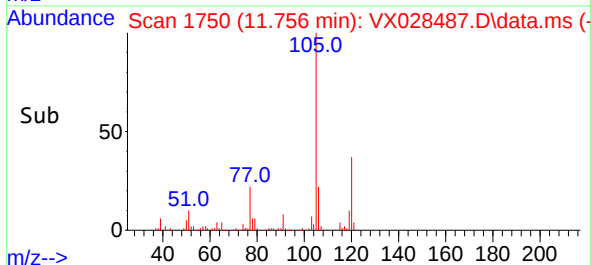
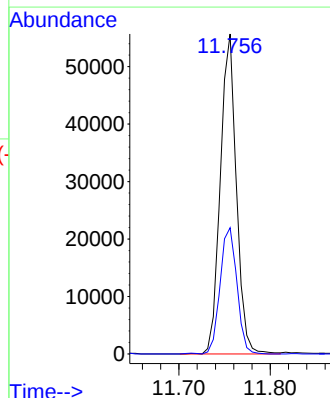
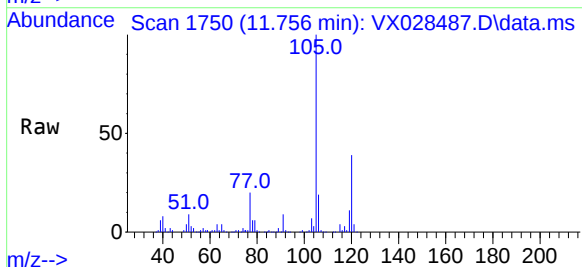
Instrument :
 MSVOA_X
 ClientSampleId :
 30989

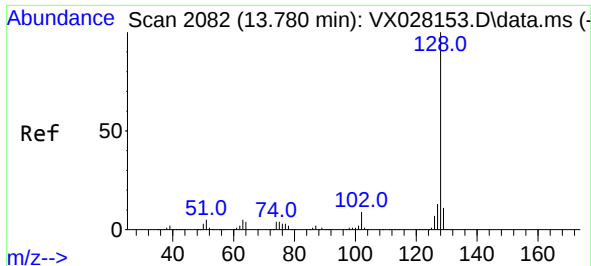
Tgt Ion:105 Resp: 15271
 Ion Ratio Lower Upper
 105 100
 120 50.9 24.3 72.9



#84
 1,2,4-Trimethylbenzene
 Concen: 3.396 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX028487.D
 Acq: 02 May 2022 20:42

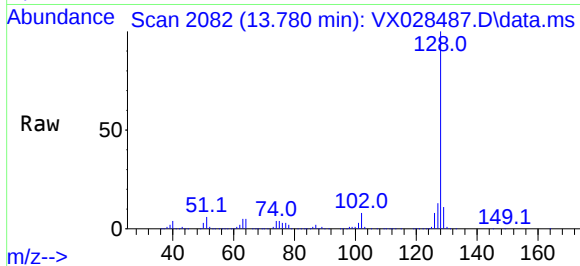
Tgt Ion:105 Resp: 68102
 Ion Ratio Lower Upper
 105 100
 120 41.4 22.6 67.8





#95
Naphthalene
Concen: 6.520 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX028487.D
Acq: 02 May 2022 20:42

Instrument :
MSVOA_X
ClientSampleId :
30989



Tgt Ion:128 Resp: 149265
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 11.3 8.7 13.1

