

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX027001.D
 Acq On : 12 Feb 2022 04:48
 Operator : JC/MD
 Sample : N1465-06 20X
 Misc : 6.51g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A5-6-8.5

Quant Time: Feb 14 00:29:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	125414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	207627	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81006	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	78534	52.166	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.340%	
35) Dibromofluoromethane	5.391	113	63698	51.494	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.980%	
50) Toluene-d8	8.653	98	245125	53.984	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.960%	
62) 4-Bromofluorobenzene	11.085	95	90181	56.412	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.820%	

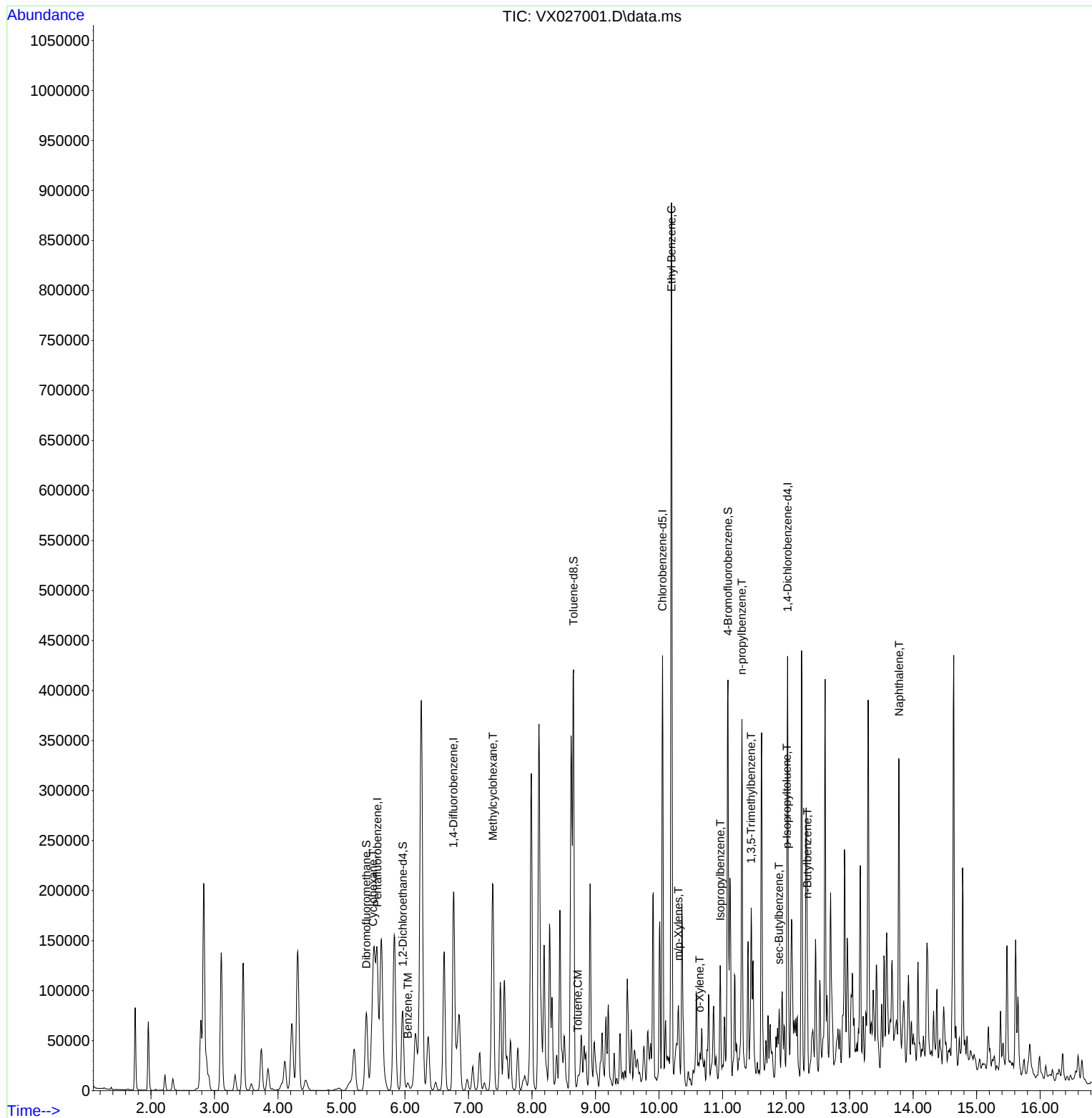
Target Compounds				Qvalue		
31) Cyclohexane	5.495	56	63262	26.446	ug/l #	73
39) Methylcyclohexane	7.385	83	92672	38.724	ug/l	98
40) Benzene	6.044	78	9147	1.608	ug/l	97
52) Toluene	8.720	92	3780	1.050	ug/l	88
67) Ethyl Benzene	10.195	91	474958	69.262	ug/l	99
68) m/p-Xylenes	10.305	106	13094	4.963	ug/l	99
69) o-Xylene	10.640	106	5177	2.003	ug/l	92
73) Isopropylbenzene	10.963	105	52844	8.282	ug/l	99
78) n-propylbenzene	11.305	91	209172	29.571	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	68362	13.018	ug/l	98
85) sec-Butylbenzene	11.890	105	22207	3.500	ug/l	99
86) p-Isopropyltoluene	12.012	119	8466	1.575	ug/l	99
89) n-Butylbenzene	12.335	91	59219	13.466	ug/l #	56
95) Naphthalene	13.780	128	189805	32.018	ug/l	99

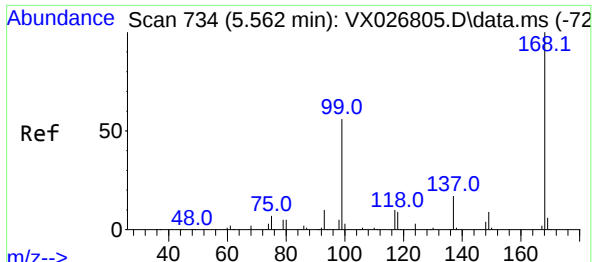
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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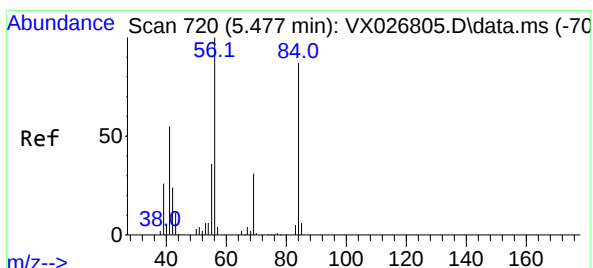
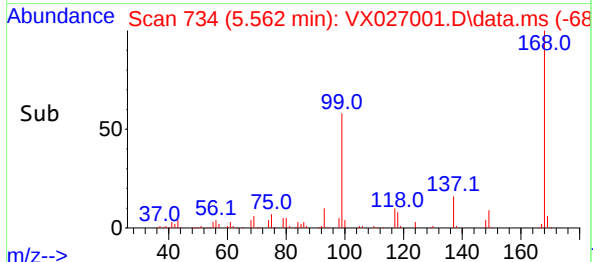
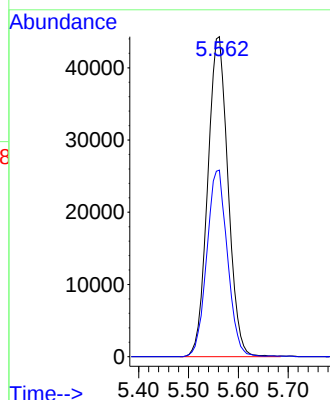
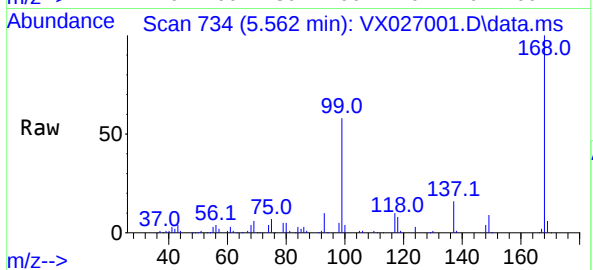




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027001.D
Acq: 12 Feb 2022 04:48

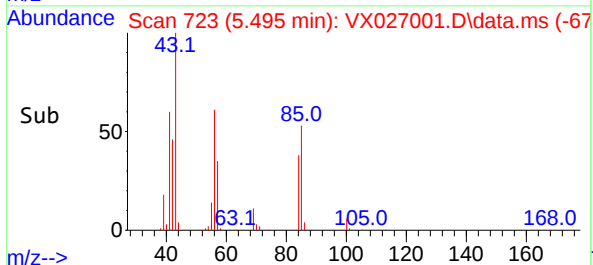
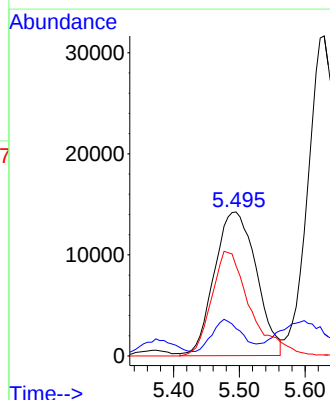
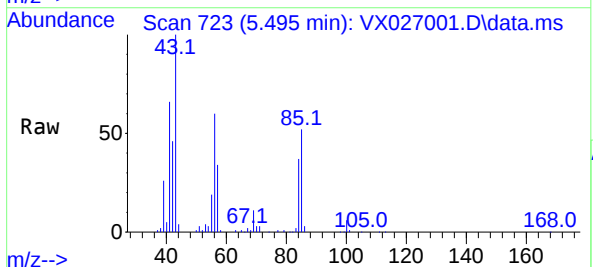
Instrument :
MSVOA_X
ClientSampleId :
A5-6-8.5

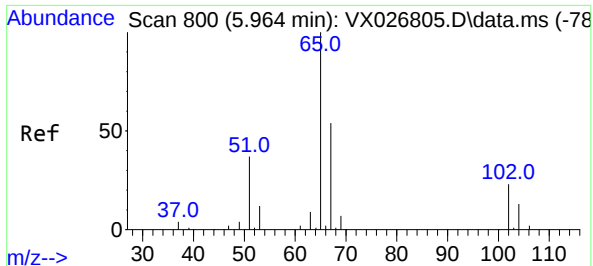
Tgt Ion:168 Resp: 125414
Ion Ratio Lower Upper
168 100
99 58.3 50.3 75.5



#31
Cyclohexane
Concen: 26.446 ug/l
RT: 5.495 min Scan# 723
Delta R.T. 0.018 min
Lab File: VX027001.D
Acq: 12 Feb 2022 04:48

Tgt Ion: 56 Resp: 63262
Ion Ratio Lower Upper
56 100
69 13.3 25.8 38.6#
84 63.6 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 52.166 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027001.D

Acq: 12 Feb 2022 04:48

Instrument :

MSVOA_X

ClientSampleId :

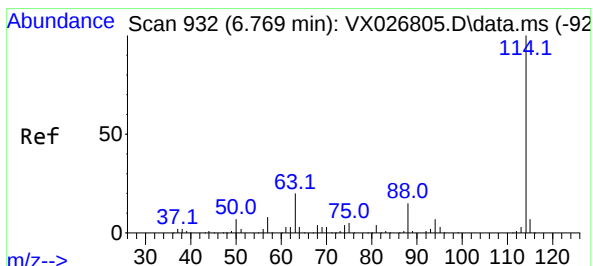
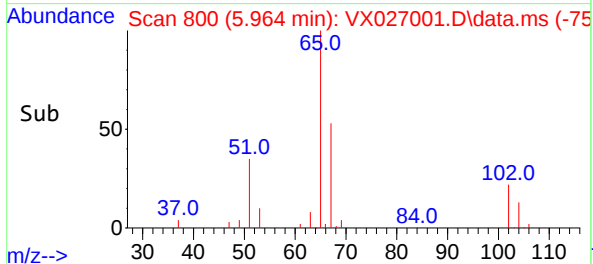
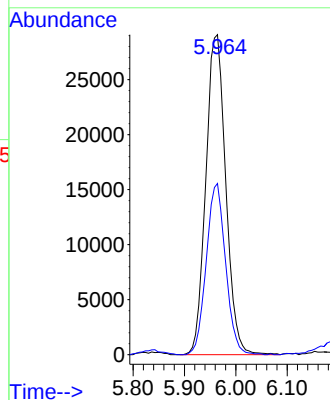
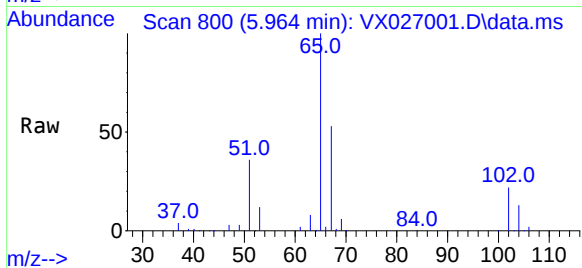
A5-6-8.5

Tgt Ion: 65 Resp: 78534

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX027001.D

Acq: 12 Feb 2022 04:48

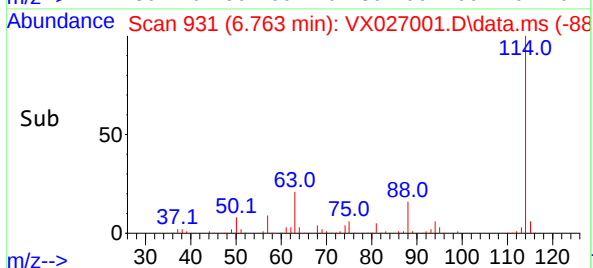
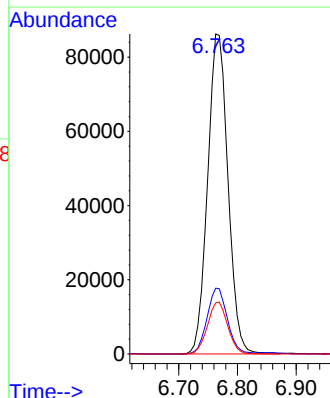
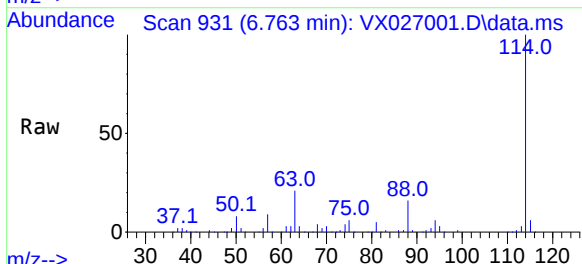
Tgt Ion: 114 Resp: 207627

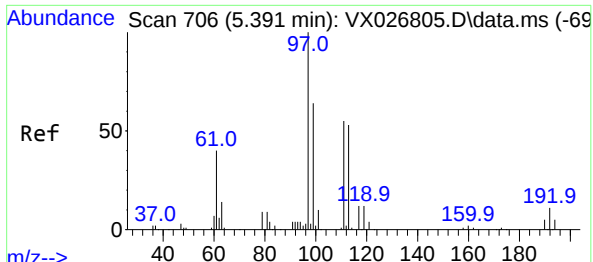
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 16.0 0.0 33.0



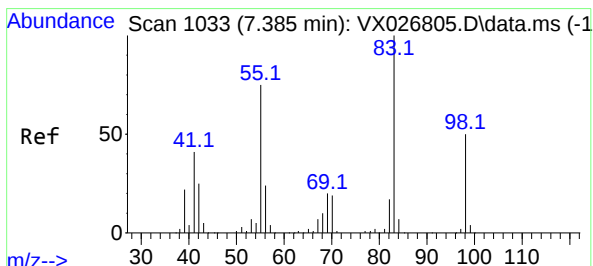
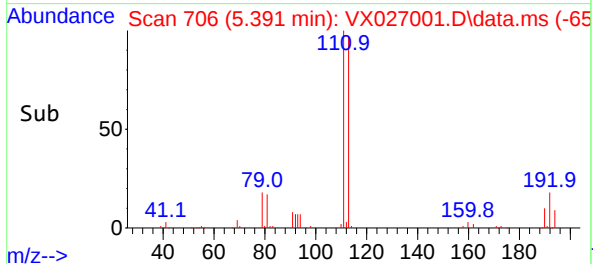
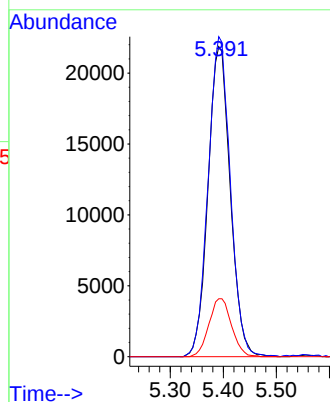
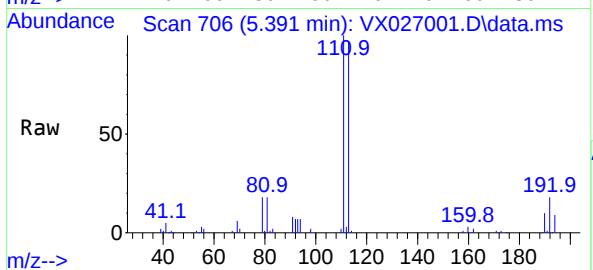


#35
Dibromofluoromethane
Concen: 51.494 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027001.D
Acq: 12 Feb 2022 04:48

Instrument :
MSVOA_X
ClientSampleId :
A5-6-8.5

Tgt Ion:113 Resp: 63698

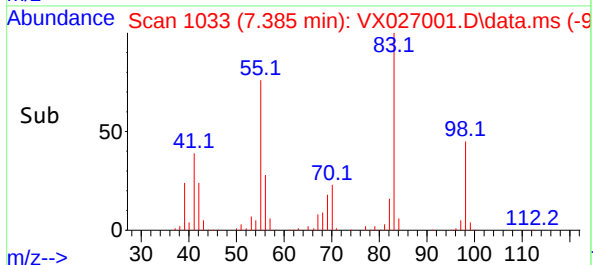
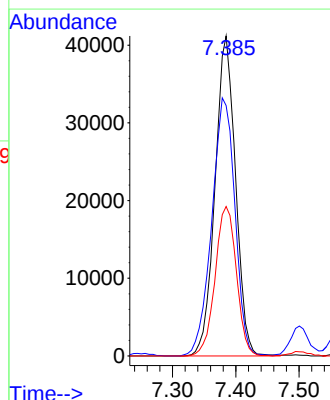
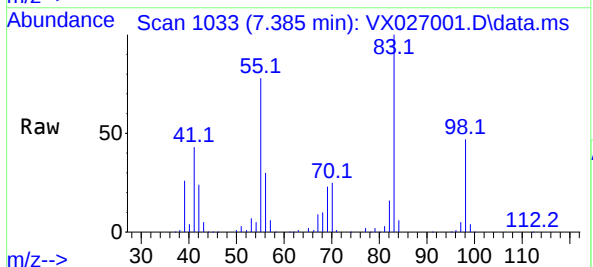
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.2	121.8
192	19.0	15.0	22.4

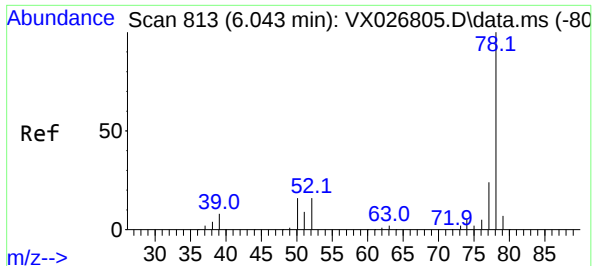


#39
Methylcyclohexane
Concen: 38.724 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX027001.D
Acq: 12 Feb 2022 04:48

Tgt Ion: 83 Resp: 92672

Ion	Ratio	Lower	Upper
83	100		
55	78.2	63.6	95.4
98	46.7	38.4	57.6

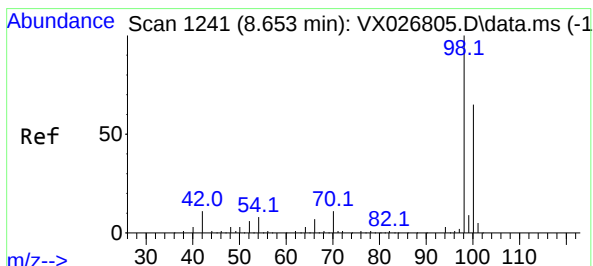
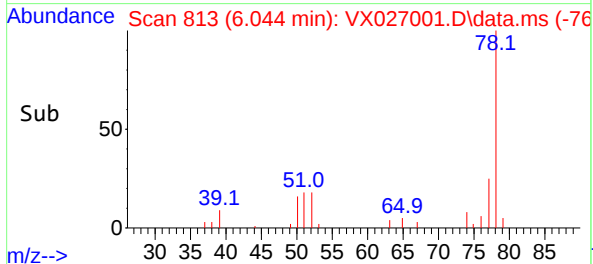
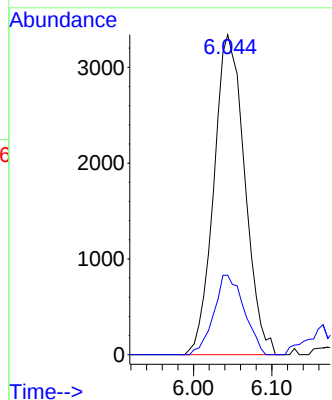
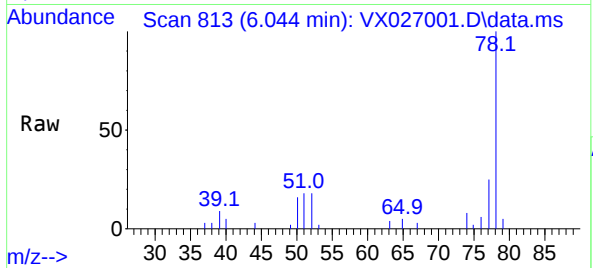




#40
Benzene
Concen: 1.608 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX027001.D
Acq: 12 Feb 2022 04:48

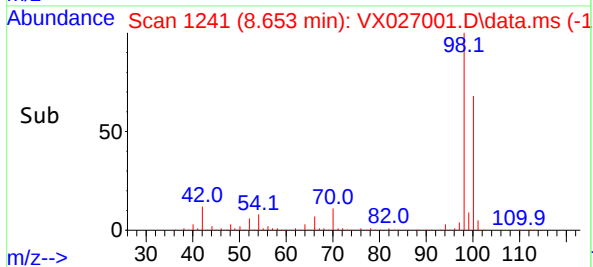
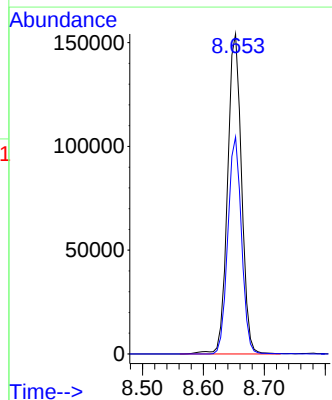
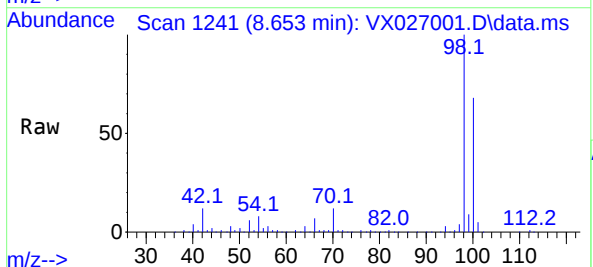
Instrument :
MSVOA_X
ClientSampleId :
A5-6-8.5

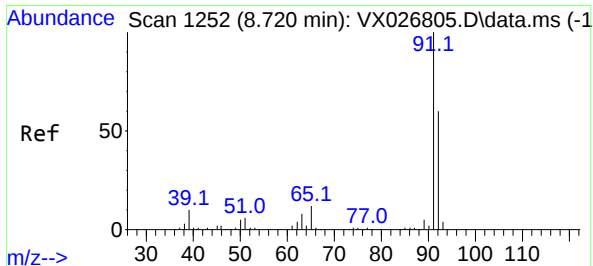
Tgt Ion: 78 Resp: 9147
Ion Ratio Lower Upper
78 100
77 24.8 18.9 28.3



#50
Toluene-d8
Concen: 53.984 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027001.D
Acq: 12 Feb 2022 04:48

Tgt Ion: 98 Resp: 245125
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8

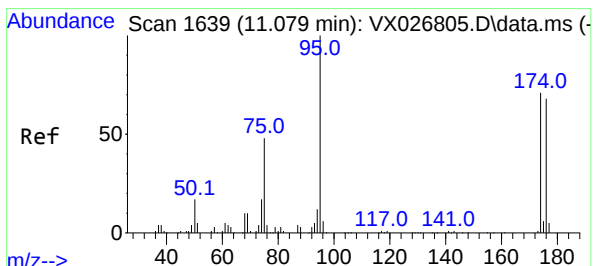
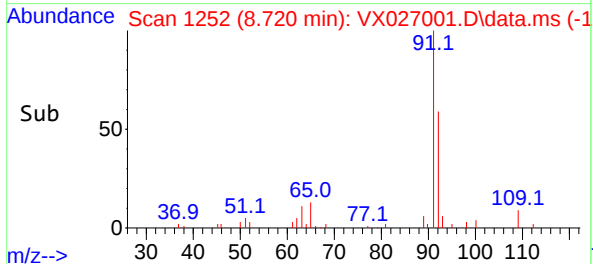
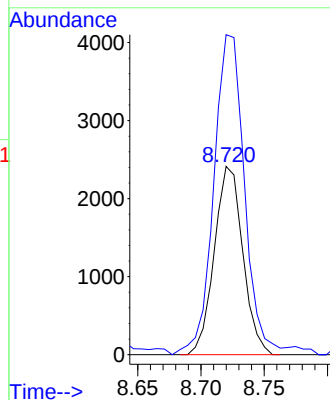
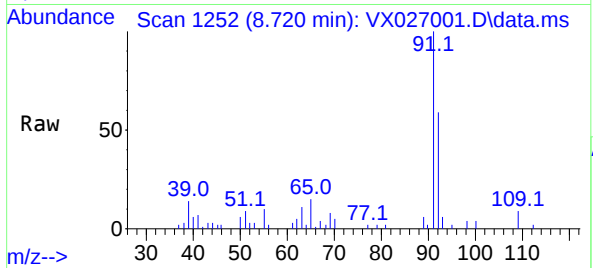




#52
Toluene
Concen: 1.050 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027001.D
Acq: 12 Feb 2022 04:48

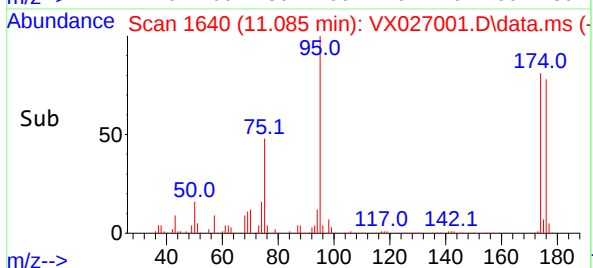
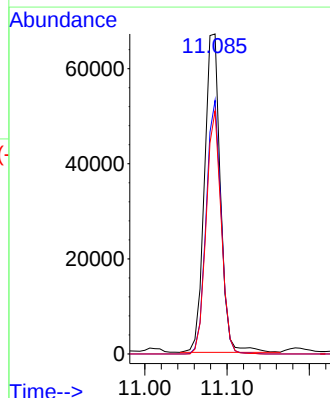
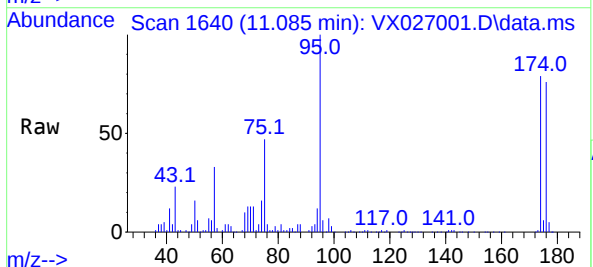
Instrument :
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ClientSampleId :
A5-6-8.5

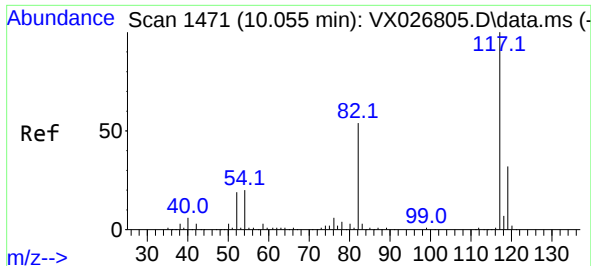
Tgt Ion: 92 Resp: 3780
Ion Ratio Lower Upper
92 100
91 185.7 135.7 203.5



#62
4-Bromofluorobenzene
Concen: 56.412 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX027001.D
Acq: 12 Feb 2022 04:48

Tgt Ion: 95 Resp: 90181
Ion Ratio Lower Upper
95 100
174 74.7 0.0 148.6
176 71.6 0.0 141.4

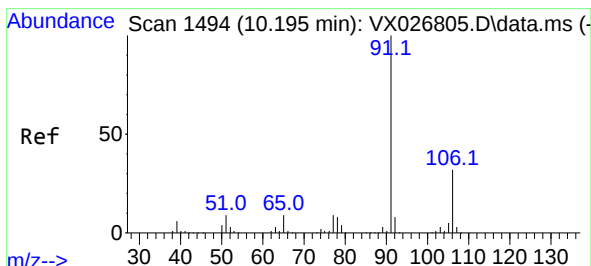
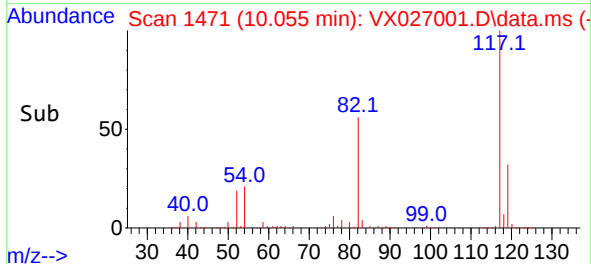
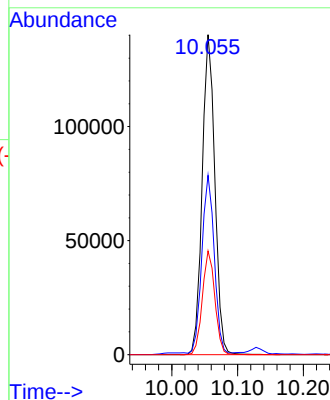
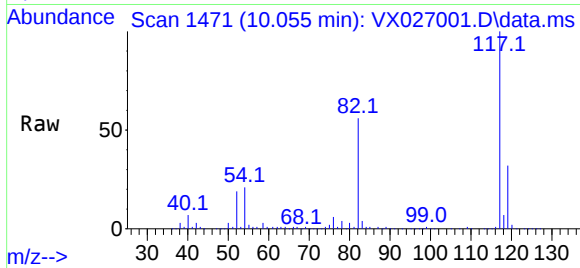




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027001.D
Acq: 12 Feb 2022 04:48

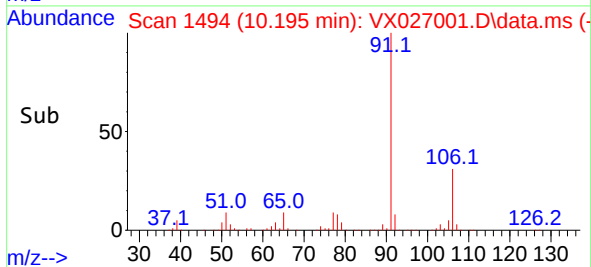
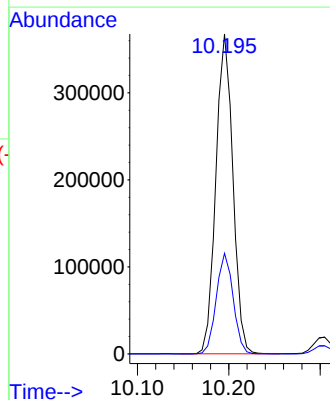
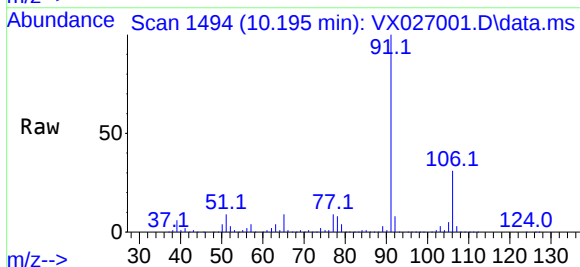
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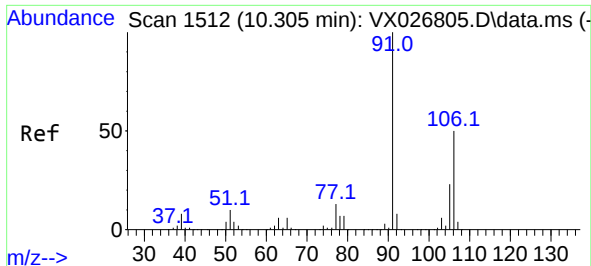
Tgt Ion:117 Resp: 187346
Ion Ratio Lower Upper
117 100
82 55.8 45.2 67.8
119 32.4 26.2 39.2



#67
Ethyl Benzene
Concen: 69.262 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027001.D
Acq: 12 Feb 2022 04:48

Tgt Ion: 91 Resp: 474958
Ion Ratio Lower Upper
91 100
106 31.4 24.7 37.1

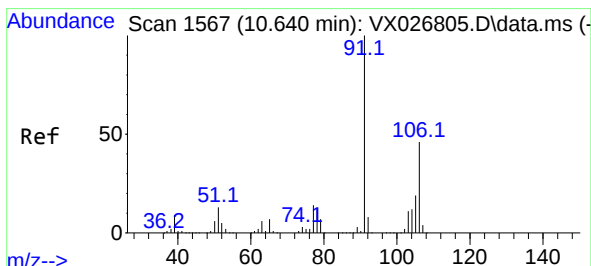
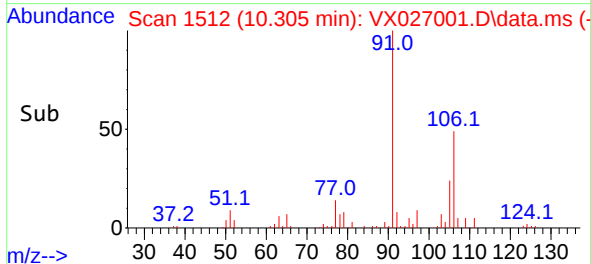
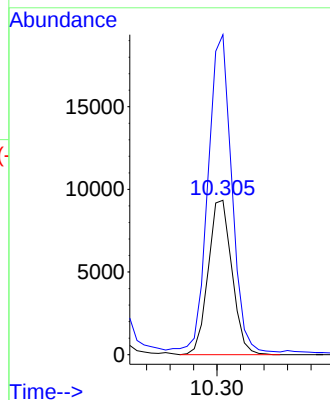
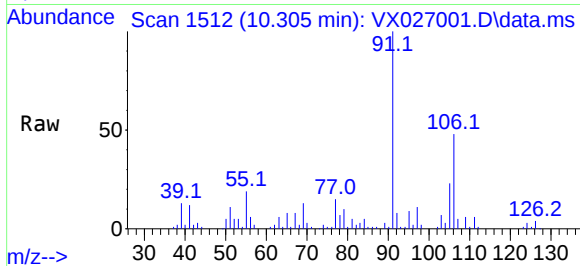




#68
m/p-Xylenes
Concen: 4.963 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027001.D
Acq: 12 Feb 2022 04:48

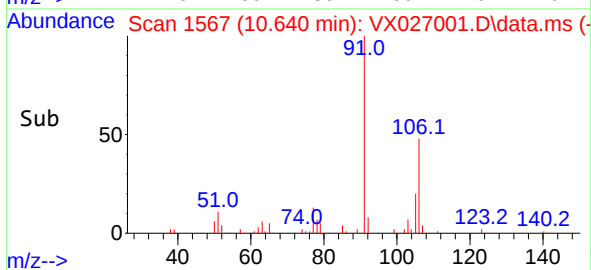
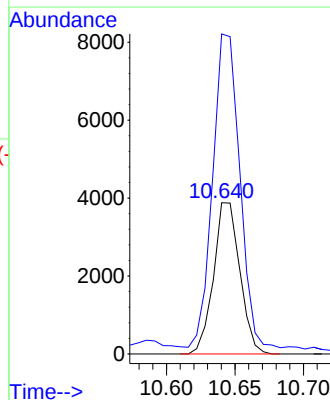
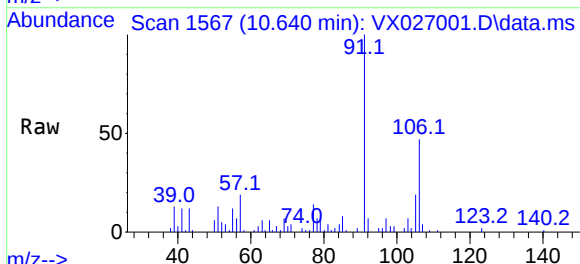
Instrument :
MSVOA_X
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A5-6-8.5

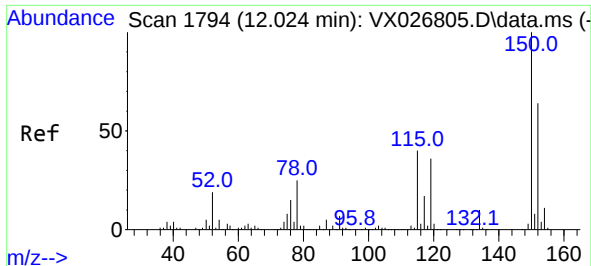
Tgt Ion:106 Resp: 13094
Ion Ratio Lower Upper
106 100
91 204.4 165.3 247.9



#69
o-Xylene
Concen: 2.003 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX027001.D
Acq: 12 Feb 2022 04:48

Tgt Ion:106 Resp: 5177
Ion Ratio Lower Upper
106 100
91 232.8 109.7 329.0

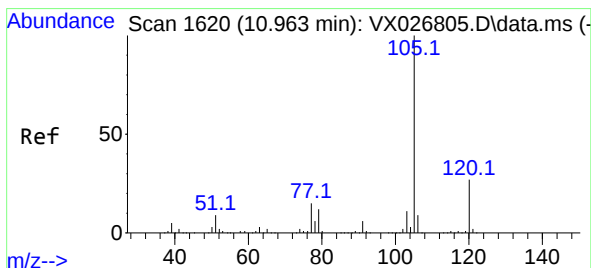
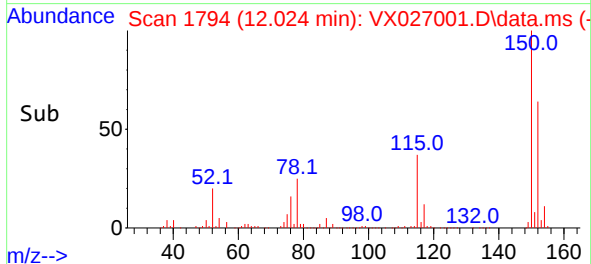
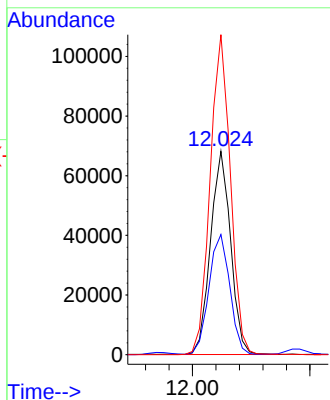
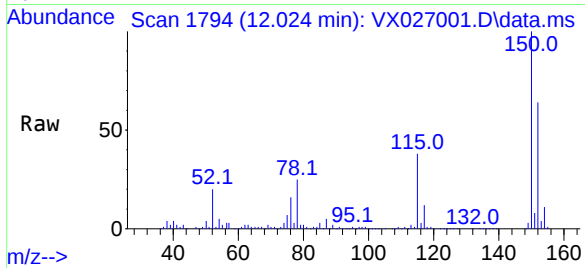




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027001.D
Acq: 12 Feb 2022 04:48

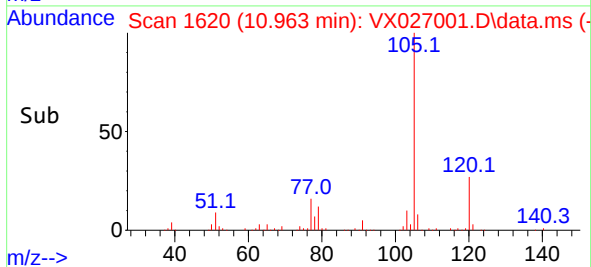
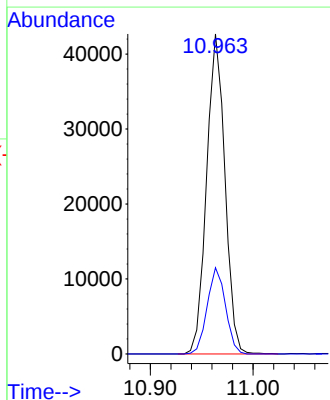
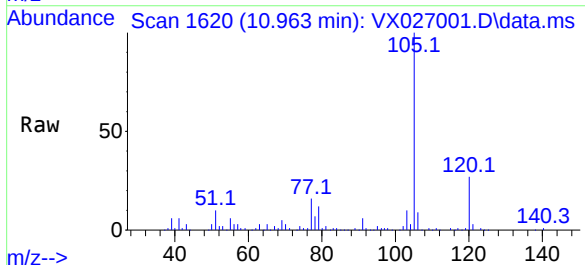
Instrument :
MSVOA_X
ClientSampleId :
A5-6-8.5

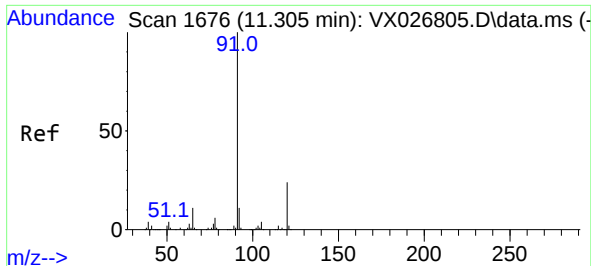
Tgt Ion:152 Resp: 81006
Ion Ratio Lower Upper
152 100
115 61.1 44.2 132.6
150 158.6 0.0 348.2



#73
Isopropylbenzene
Concen: 8.282 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027001.D
Acq: 12 Feb 2022 04:48

Tgt Ion:105 Resp: 52844
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

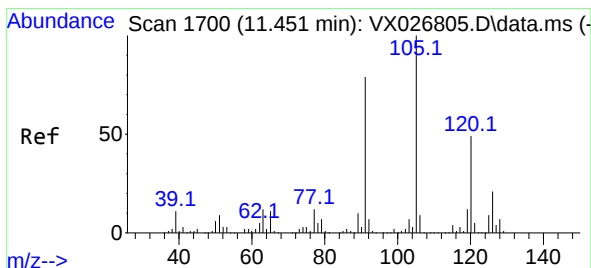
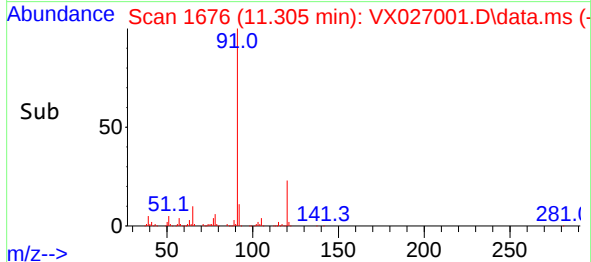
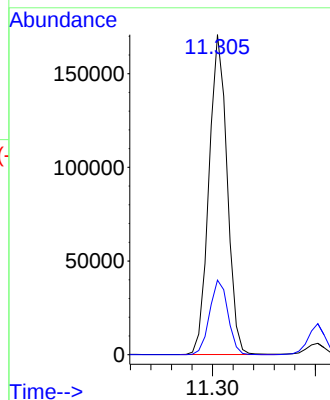
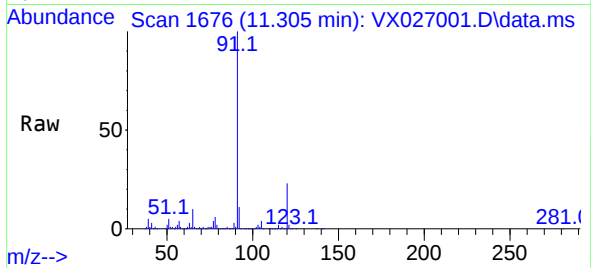




#78
n-propylbenzene
Concen: 29.571 ug/l
RT: 11.305 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX027001.D
Acq: 12 Feb 2022 04:48

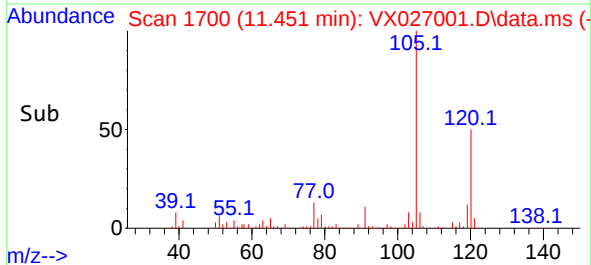
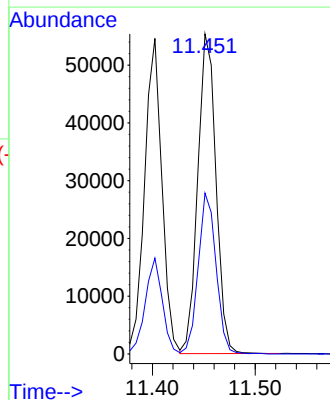
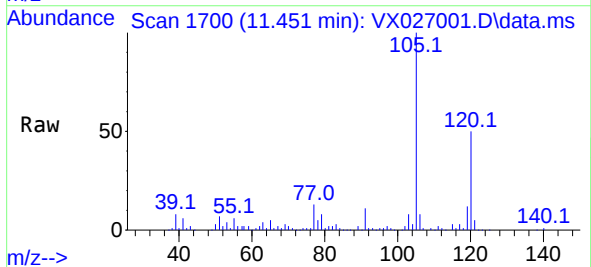
Instrument :
MSVOA_X
ClientSampleId :
A5-6-8.5

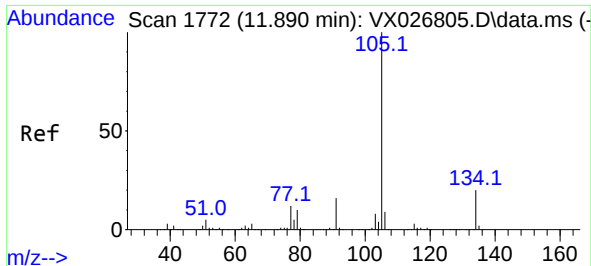
Tgt Ion: 91 Resp: 209172
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.7



#80
1,3,5-Trimethylbenzene
Concen: 13.018 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027001.D
Acq: 12 Feb 2022 04:48

Tgt Ion: 105 Resp: 68362
Ion Ratio Lower Upper
105 100
120 49.4 24.0 72.0

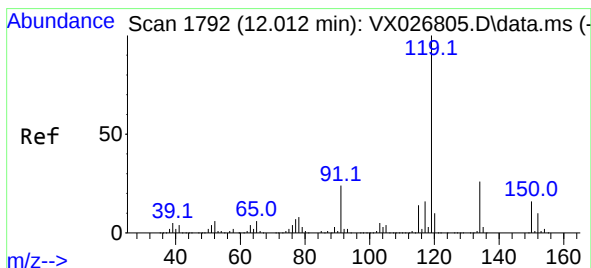
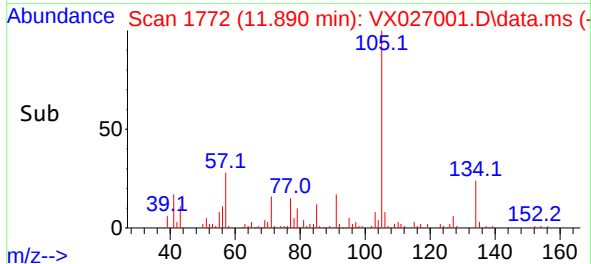
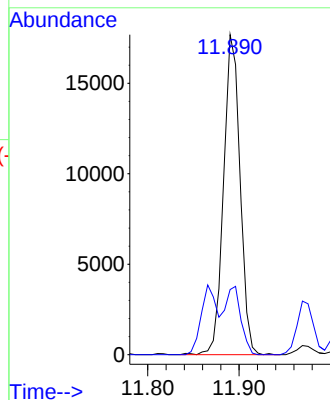
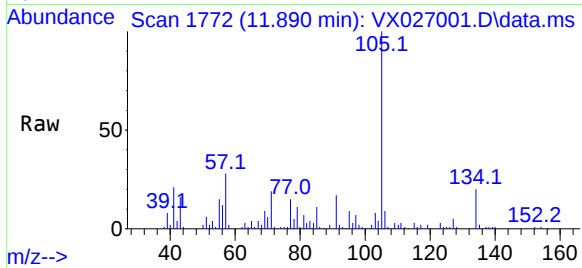




#85
 sec-Butylbenzene
 Concen: 3.500 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027001.D
 Acq: 12 Feb 2022 04:48

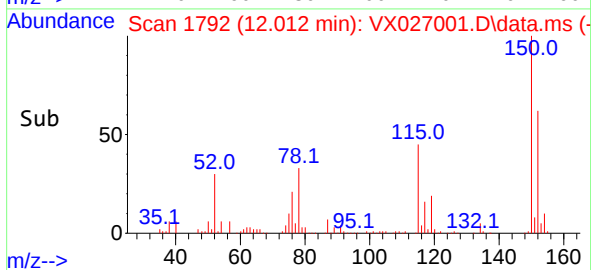
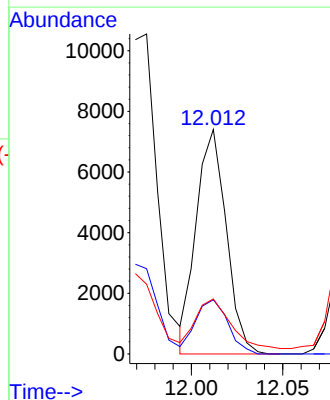
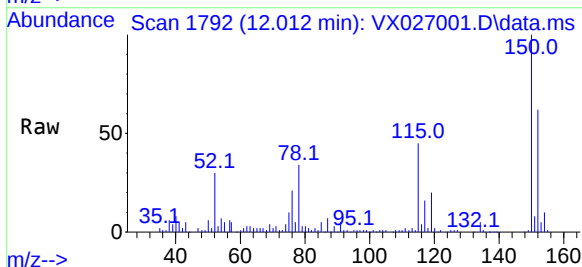
Instrument :
 MSVOA_X
 ClientSampleId :
 A5-6-8.5

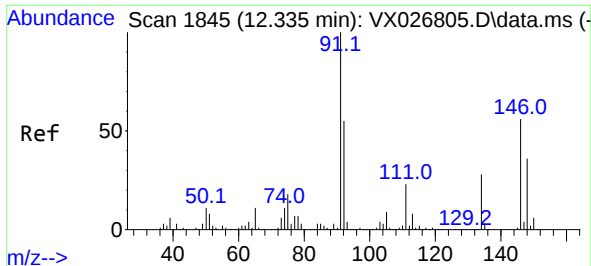
Tgt Ion:105 Resp: 22207
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 1.575 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027001.D
 Acq: 12 Feb 2022 04:48

Tgt Ion:119 Resp: 8466
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 25.6 12.6 37.6

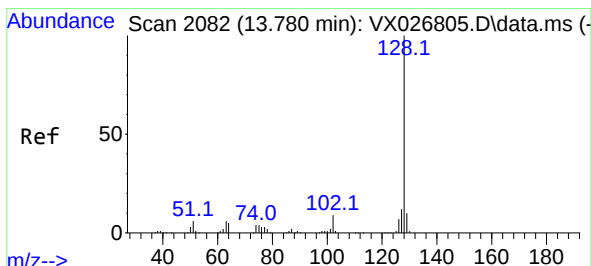
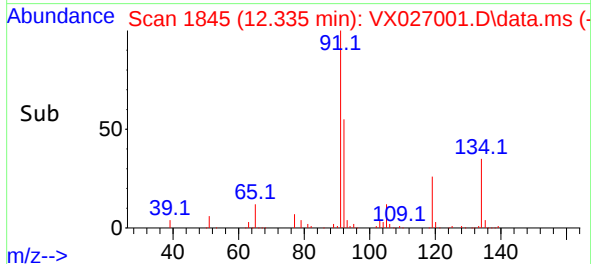
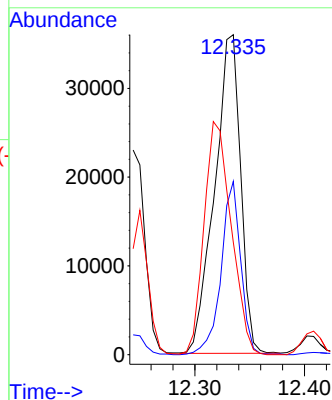
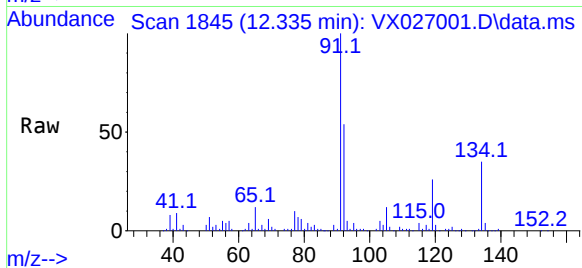




#89
n-Butylbenzene
Concen: 13.466 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027001.D
Acq: 12 Feb 2022 04:48

Instrument :
MSVOA_X
ClientSampleId :
A5-6-8.5

Tgt Ion: 91 Resp: 59219
Ion Ratio Lower Upper
91 100
92 41.1 27.2 81.6
134 76.4 13.1 39.1#



#95
Naphthalene
Concen: 32.018 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027001.D
Acq: 12 Feb 2022 04:48

Tgt Ion:128 Resp: 189805
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.6 8.7 13.1

