

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040622\
 Data File : VX027993.D
 Acq On : 06 Apr 2022 13:17
 Operator : JC/MD
 Sample : N2253-02
 Misc : 1.10g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31292

Quant Time: Apr 07 08:04:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 05 15:58:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	105206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	156952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	86553	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66098	50.356	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.720%
35) Dibromofluoromethane	5.391	113	53738	46.106	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.220%
50) Toluene-d8	8.653	98	205355	48.224	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.440%
62) 4-Bromofluorobenzene	11.091	95	101559	60.647	ug/l	0.01
Spiked Amount	50.000	Range	58 - 135	Recovery	=	121.300%

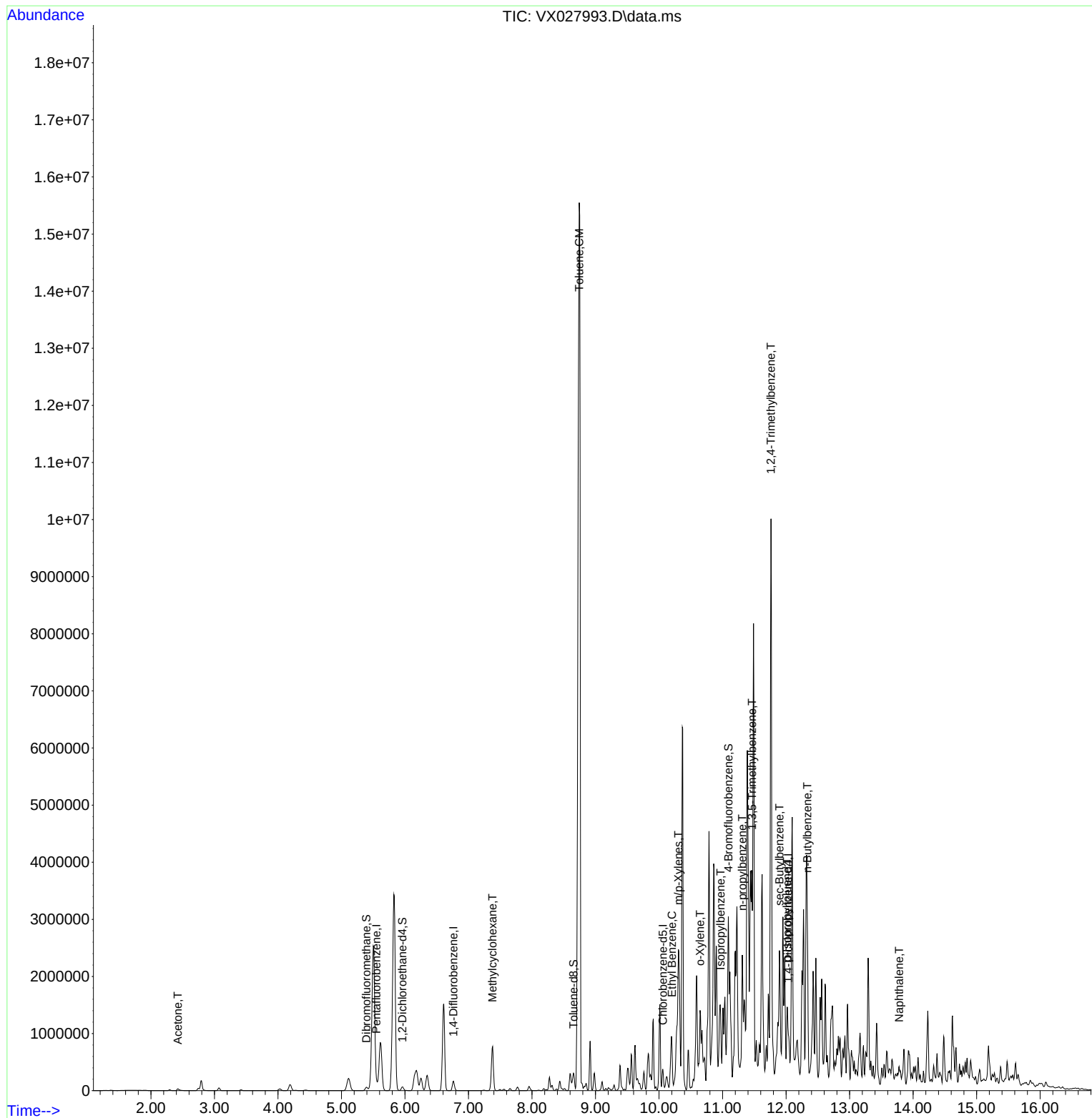
Target Compounds						Qvalue
16) Acetone	2.422	43	57575	117.231	ug/l	91
39) Methylcyclohexane	7.379	83	357227	186.263	ug/l	93
52) Toluene	8.744	92	9690233	3305.698	ug/l	86
67) Ethyl Benzene	10.201	91	423783	74.690	ug/l	99
68) m/p-Xylenes	10.305	106	485656	217.795	ug/l	93
69) o-Xylene	10.646	106	258314	119.709	ug/l	92
73) Isopropylbenzene	10.970	105	290463	48.072	ug/l	99
78) n-propylbenzene	11.311	91	1240617	180.017	ug/l	100
80) 1,3,5-Trimethylbenzene	11.463	105	1205883	232.210	ug/l	99
84) 1,2,4-Trimethylbenzene	11.762	105	4180495	795.018	ug/l	97
85) sec-Butylbenzene	11.896	105	622595	97.417	ug/l	82
86) p-Isopropyltoluene	12.018	119	384351	70.766	ug/l	96
89) n-Butylbenzene	12.335	91	857179	186.446	ug/l #	63
95) Naphthalene	13.780	128	182360	30.067	ug/l #	95

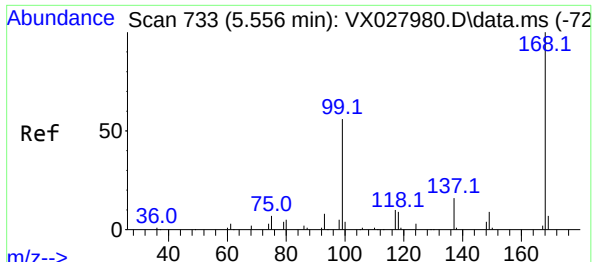
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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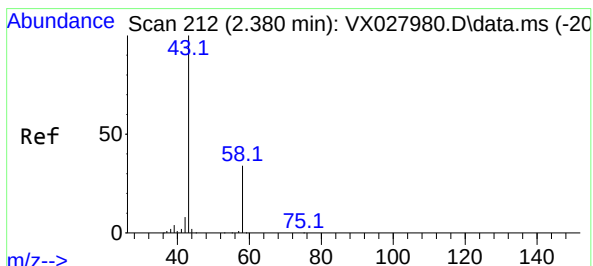
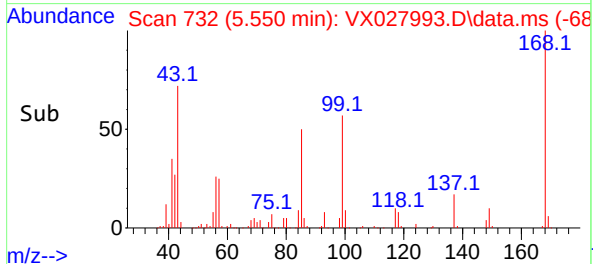
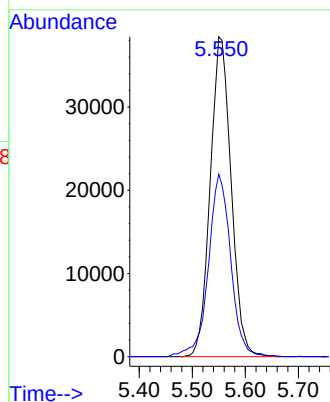
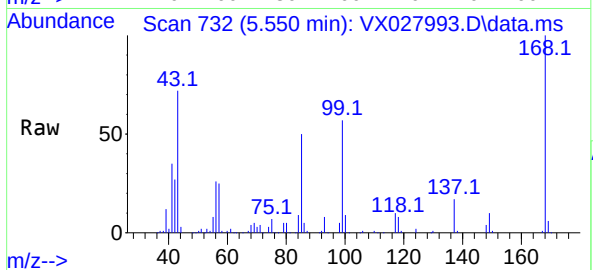




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027993.D
Acq: 06 Apr 2022 13:17

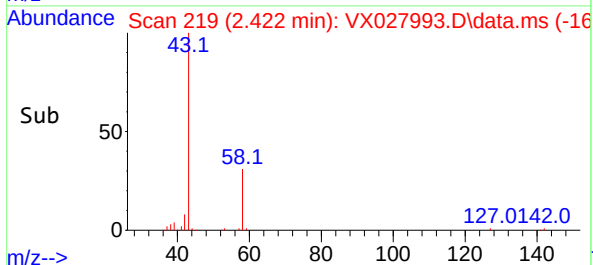
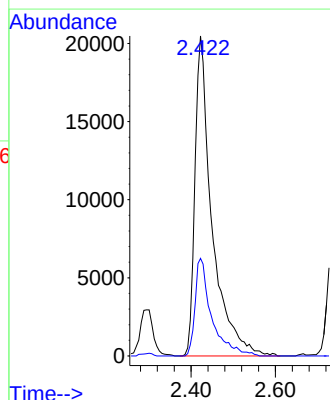
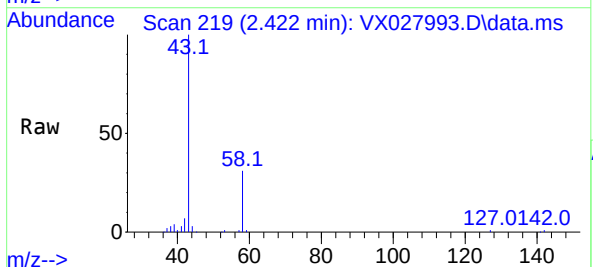
Instrument :
MSVOA_X
ClientSampleId :
31292

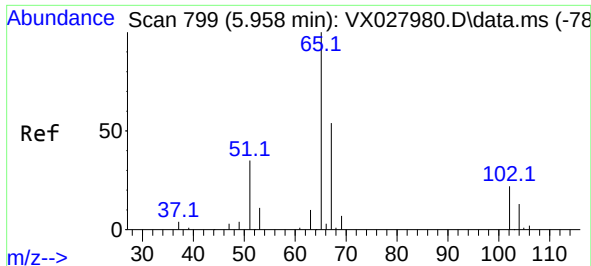
Tgt Ion:168 Resp: 105206
Ion Ratio Lower Upper
168 100
99 56.9 41.7 62.5



#16
Acetone
Concen: 117.231 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.042 min
Lab File: VX027993.D
Acq: 06 Apr 2022 13:17

Tgt Ion: 43 Resp: 57575
Ion Ratio Lower Upper
43 100
58 30.5 28.8 43.2

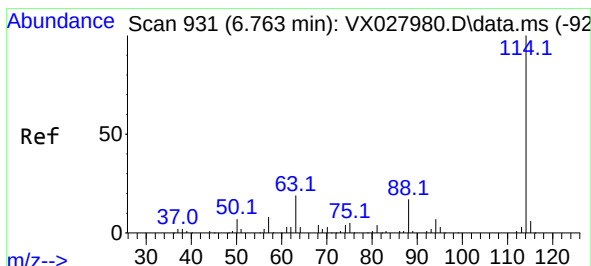
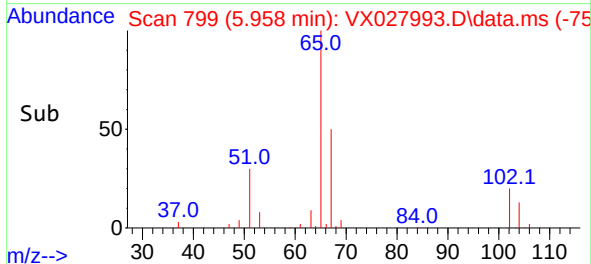
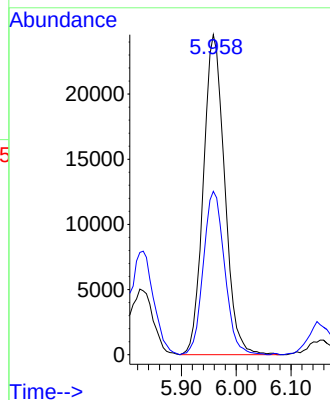
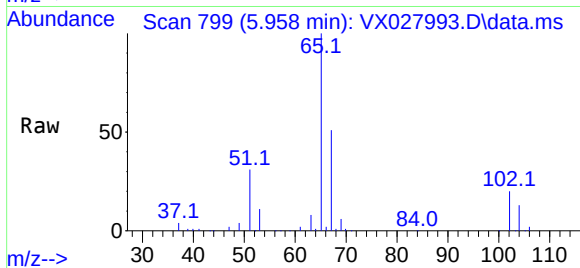




#33
1,2-Dichloroethane-d4
Concen: 50.356 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027993.D
Acq: 06 Apr 2022 13:17

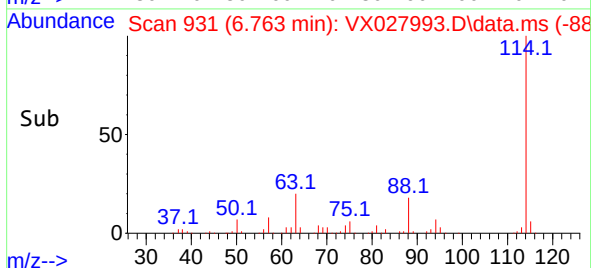
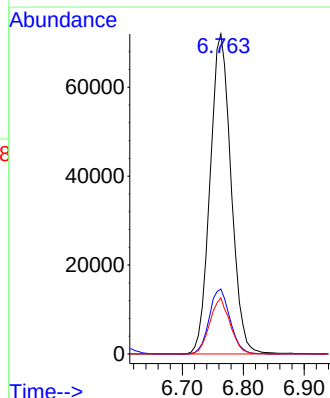
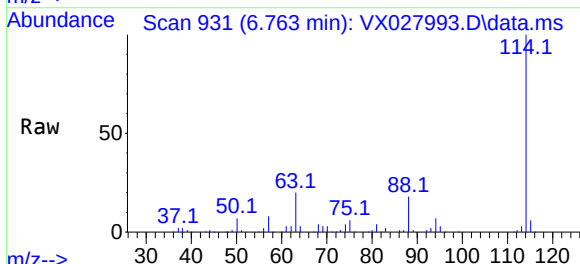
Instrument :
MSVOA_X
ClientSampleId :
31292

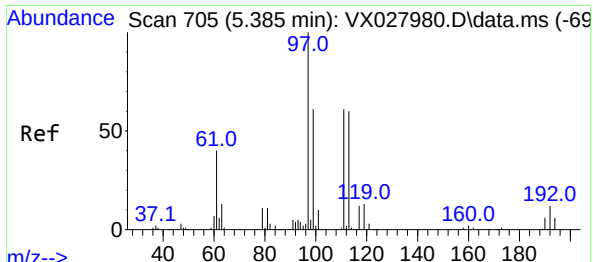
Tgt Ion: 65 Resp: 66098
Ion Ratio Lower Upper
65 100
67 51.2 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX027993.D
Acq: 06 Apr 2022 13:17

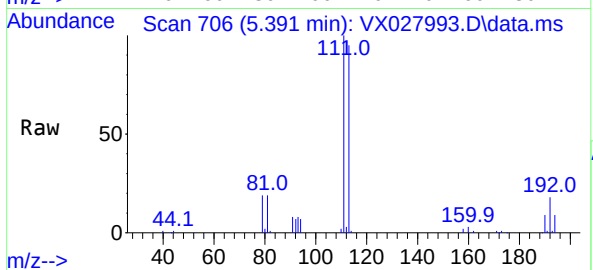
Tgt Ion: 114 Resp: 172229
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.8
88 17.6 0.0 32.4



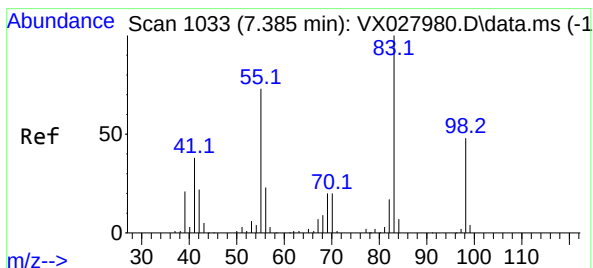
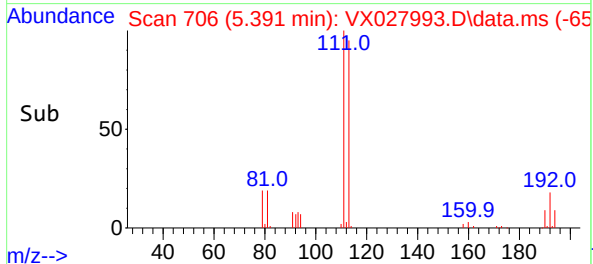
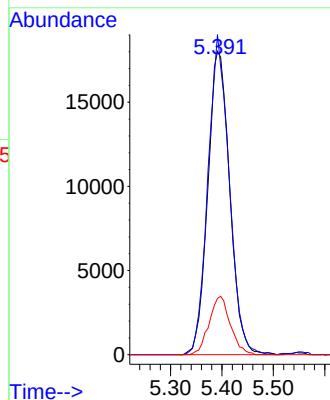


#35
Dibromofluoromethane
Concen: 46.106 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX027993.D
Acq: 06 Apr 2022 13:17

Instrument :
MSVOA_X
ClientSampleId :
31292

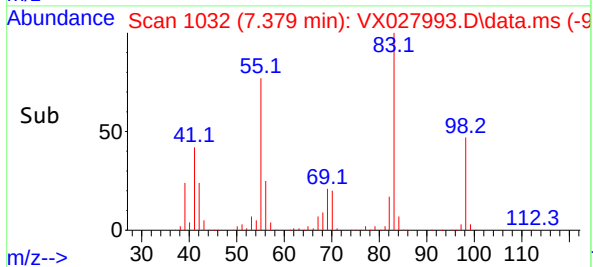
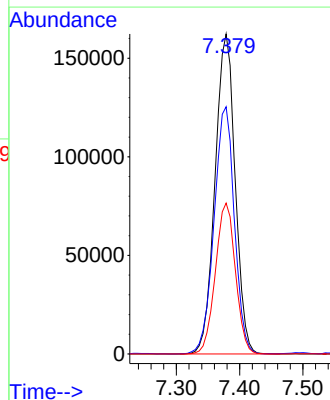
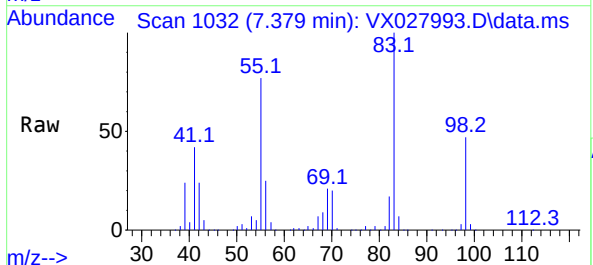


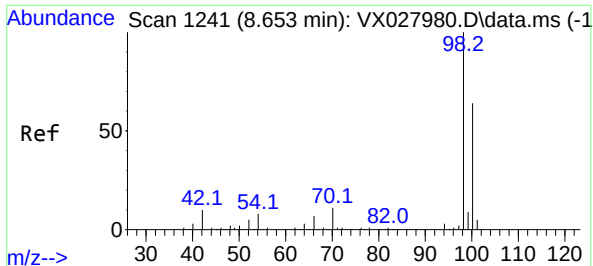
Tgt Ion:113 Resp: 53738
Ion Ratio Lower Upper
113 100
111 101.5 82.8 124.2
192 18.5 16.9 25.3



#39
Methylcyclohexane
Concen: 186.263 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX027993.D
Acq: 06 Apr 2022 13:17

Tgt Ion: 83 Resp: 357227
Ion Ratio Lower Upper
83 100
55 77.2 54.6 81.8
98 47.1 37.4 56.2

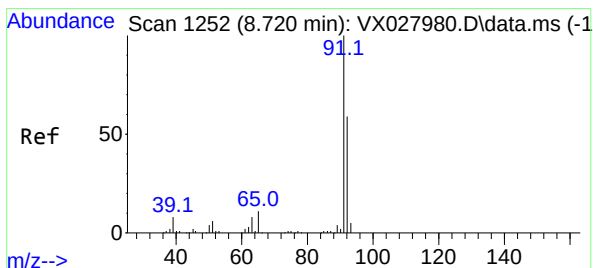
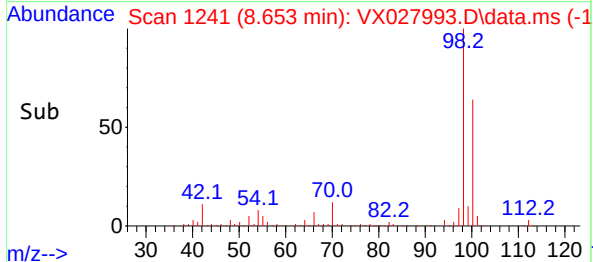
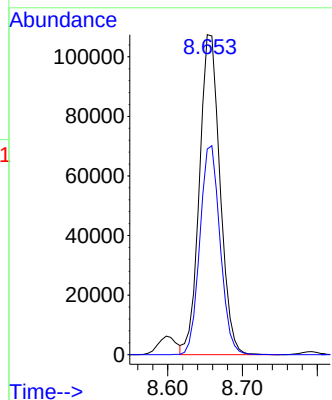
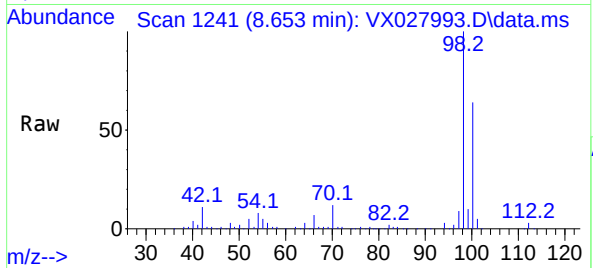




#50
Toluene-d8
Concen: 48.224 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027993.D
Acq: 06 Apr 2022 13:17

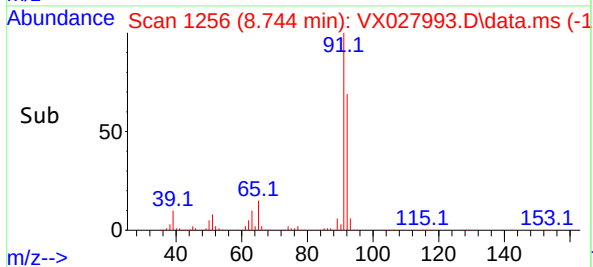
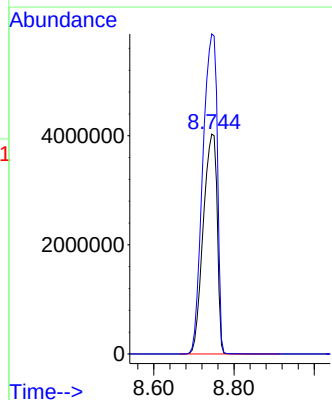
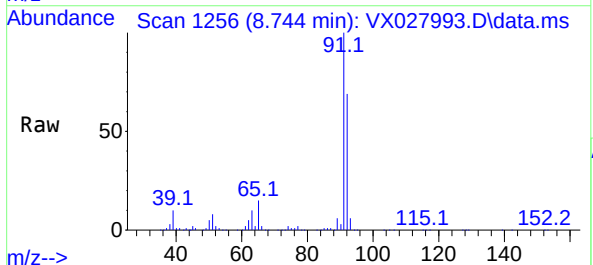
Instrument :
MSVOA_X
ClientSampleId :
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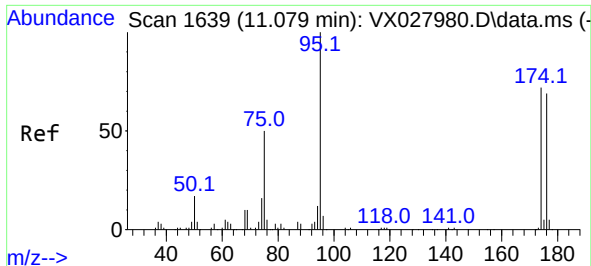
Tgt Ion: 98 Resp: 205355
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8



#52
Toluene
Concen: 3305.698 ug/l
RT: 8.744 min Scan# 1256
Delta R.T. 0.024 min
Lab File: VX027993.D
Acq: 06 Apr 2022 13:17

Tgt Ion: 92 Resp: 9690233
Ion Ratio Lower Upper
92 100
91 152.1 137.5 206.3

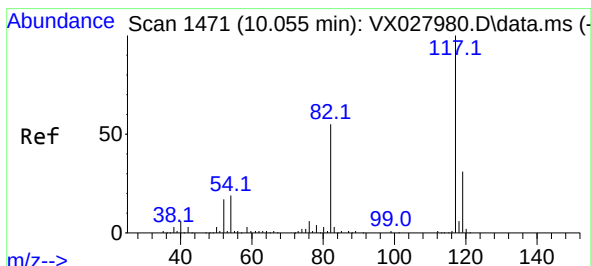
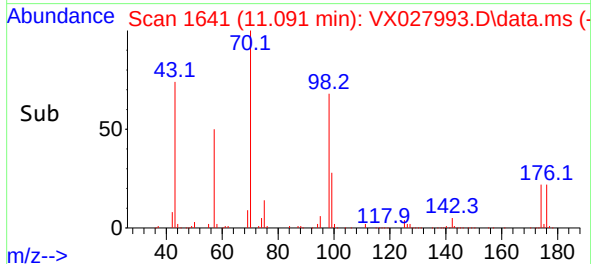
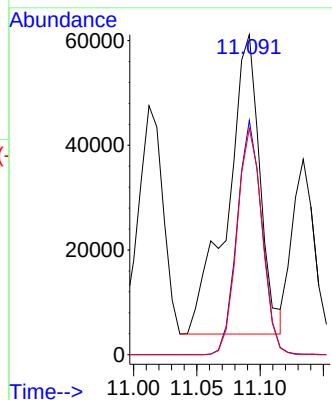
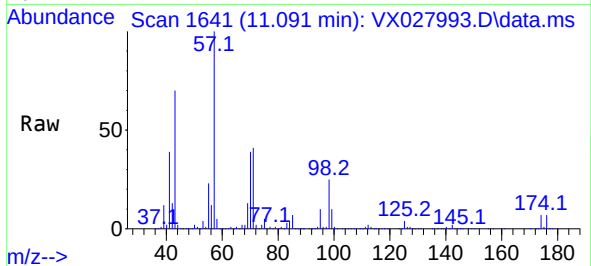




#62
4-Bromofluorobenzene
Concen: 60.647 ug/l
RT: 11.091 min Scan# 110
Delta R.T. 0.012 min
Lab File: VX027993.D
Acq: 06 Apr 2022 13:17

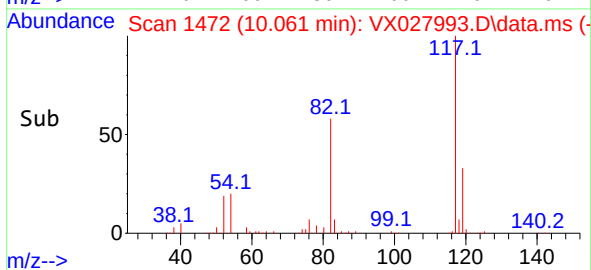
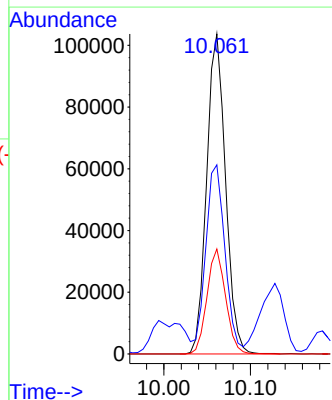
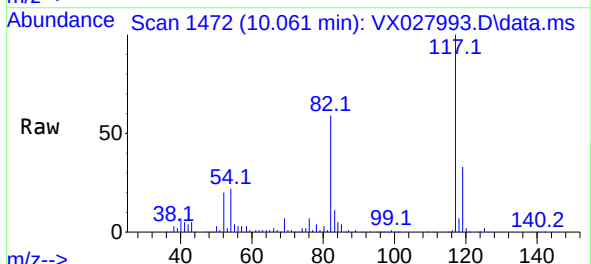
Instrument :
MSVOA_X
ClientSampleId :
31292

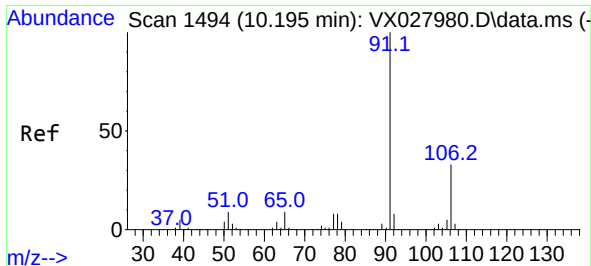
Tgt Ion: 95 Resp: 101559
Ion Ratio Lower Upper
95 100
174 60.2 0.0 163.0
176 58.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX027993.D
Acq: 06 Apr 2022 13:17

Tgt Ion: 117 Resp: 156952
Ion Ratio Lower Upper
117 100
82 49.8 41.8 62.8
119 32.8 24.8 37.2





#67

Ethyl Benzene

Concen: 74.690 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX027993.D

Acq: 06 Apr 2022 13:17

Instrument :

MSVOA_X

ClientSampleId :

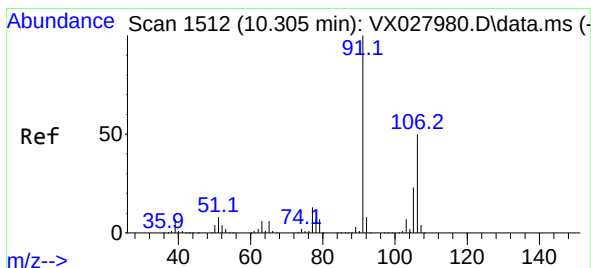
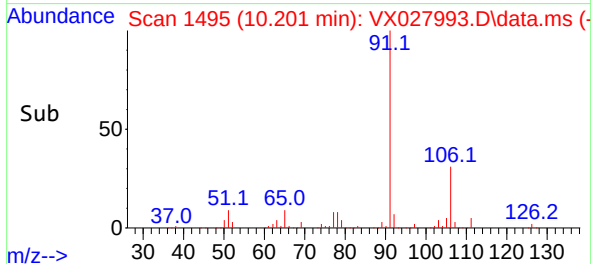
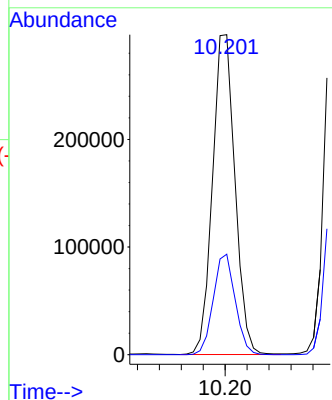
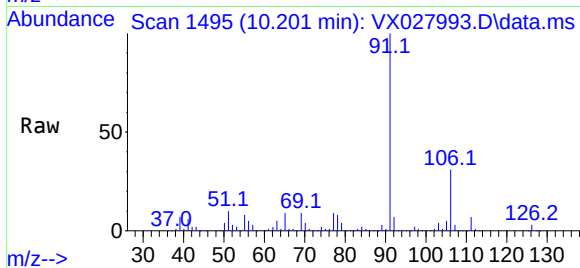
31292

Tgt Ion: 91 Resp: 423783

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 217.795 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX027993.D

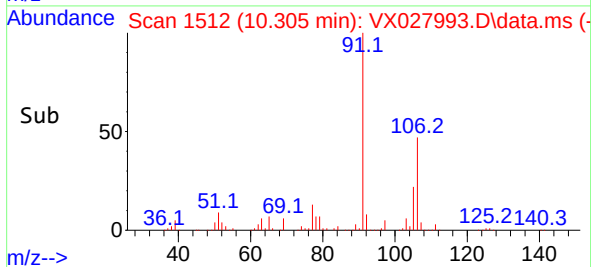
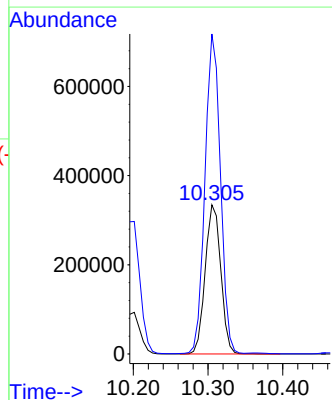
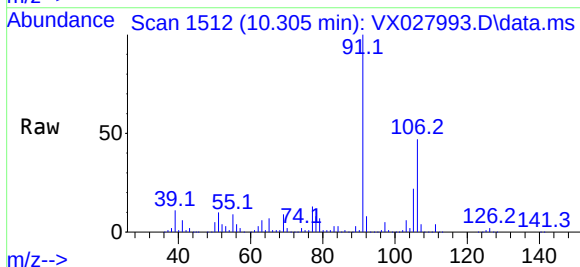
Acq: 06 Apr 2022 13:17

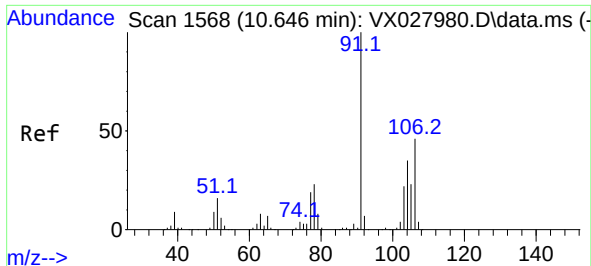
Tgt Ion:106 Resp: 485656

Ion Ratio Lower Upper

106 100

91 211.5 160.4 240.6

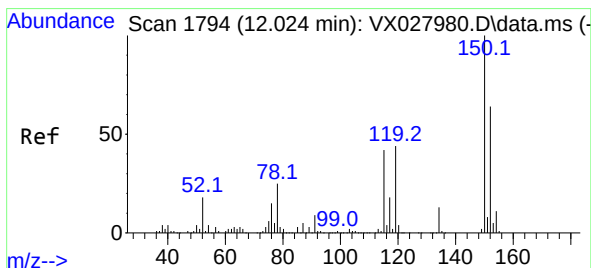
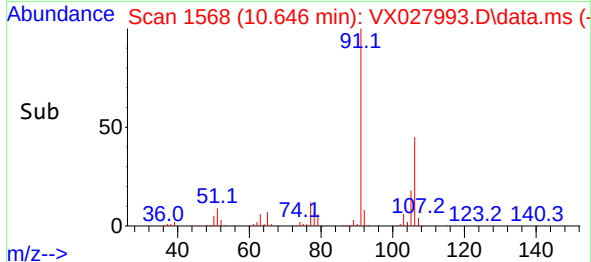
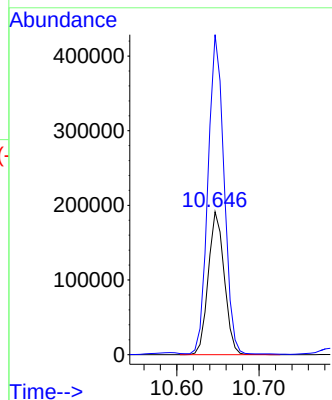
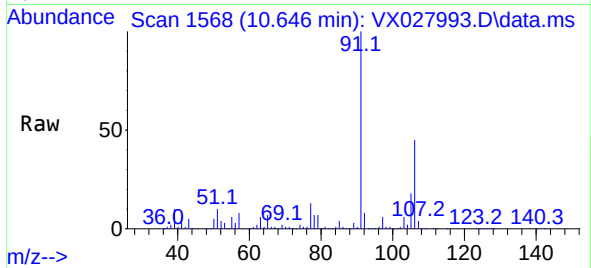




#69
o-Xylene
Concen: 119.709 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027993.D
Acq: 06 Apr 2022 13:17

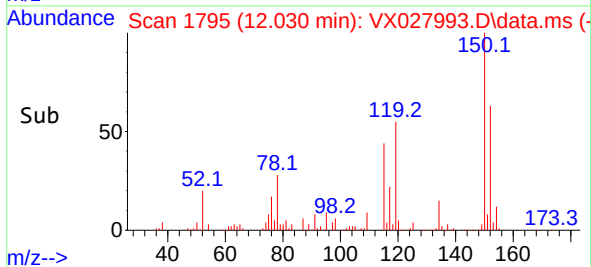
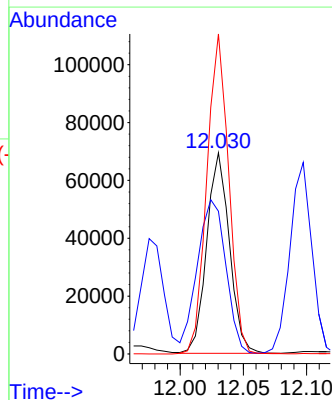
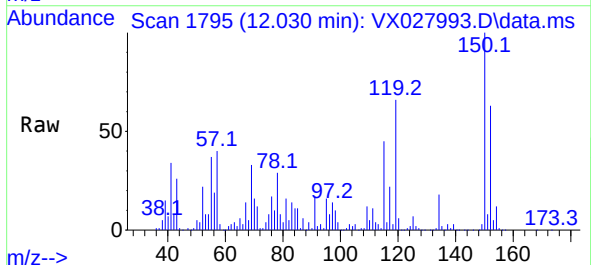
Instrument :
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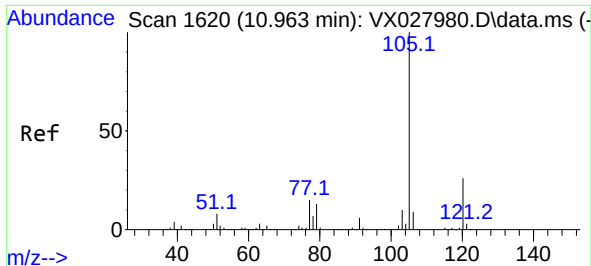
Tgt Ion:106 Resp: 258314
Ion Ratio Lower Upper
106 100
91 224.6 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.030 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VX027993.D
Acq: 06 Apr 2022 13:17

Tgt Ion:152 Resp: 86553
Ion Ratio Lower Upper
152 100
115 95.6 37.5 112.7
150 154.2 0.0 338.2

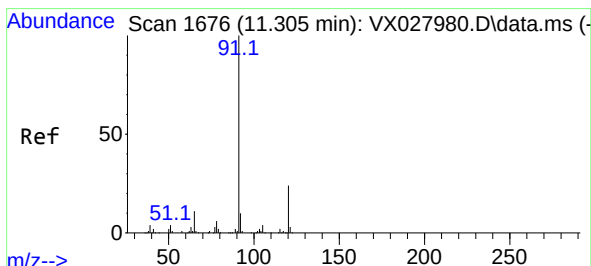
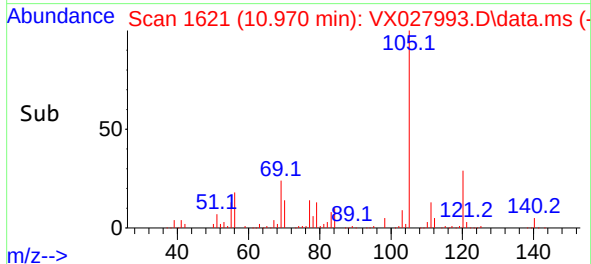
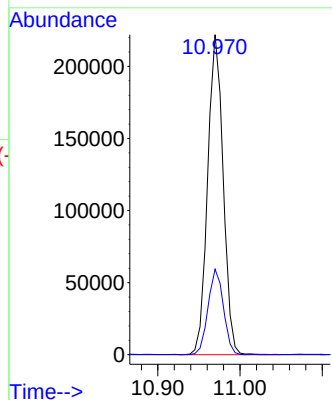
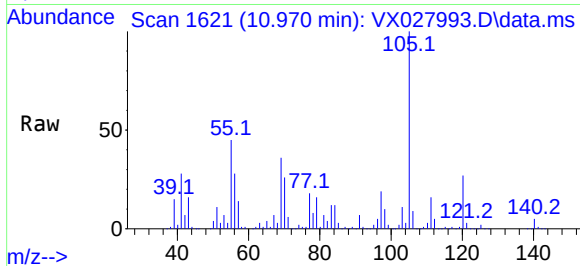




#73
Isopropylbenzene
Concen: 48.072 ug/l
RT: 10.970 min Scan# 1621
Delta R.T. 0.007 min
Lab File: VX027993.D
Acq: 06 Apr 2022 13:17

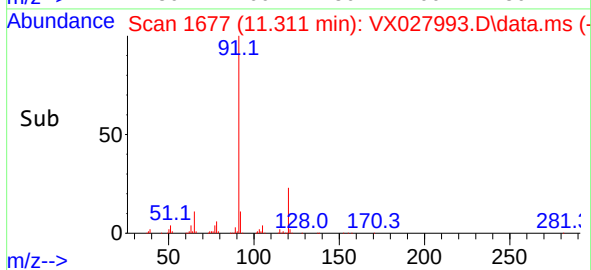
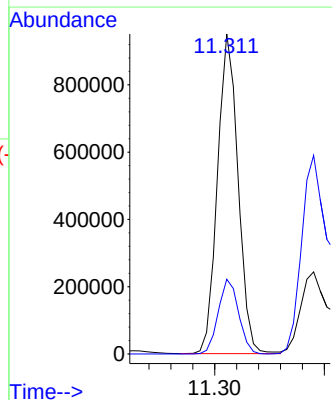
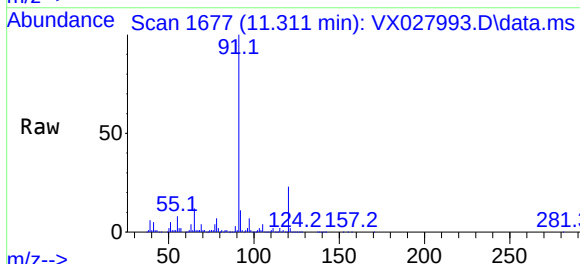
Instrument :
MSVOA_X
ClientSampleId :
31292

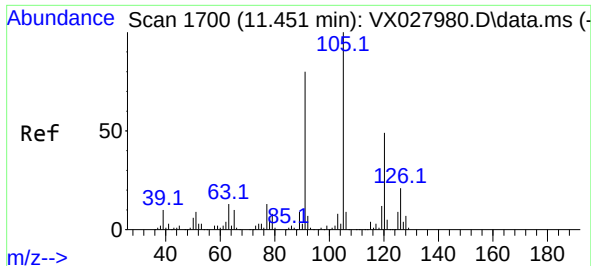
Tgt Ion:105 Resp: 290463
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.5



#78
n-propylbenzene
Concen: 180.017 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX027993.D
Acq: 06 Apr 2022 13:17

Tgt Ion: 91 Resp: 1240617
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.8

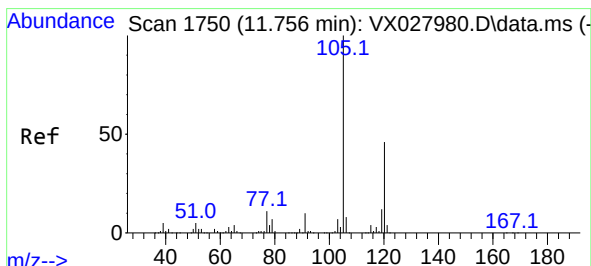
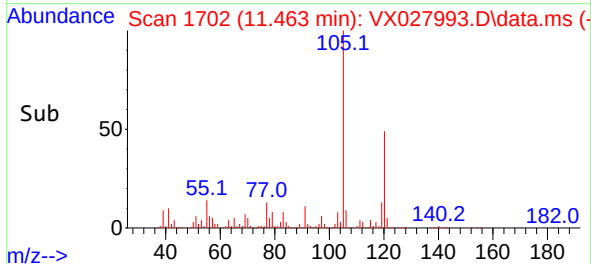
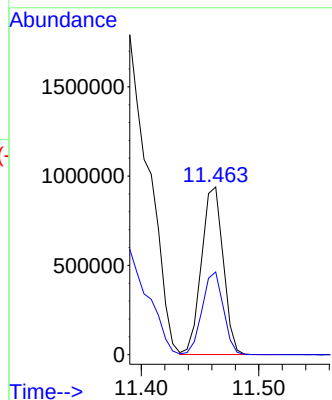
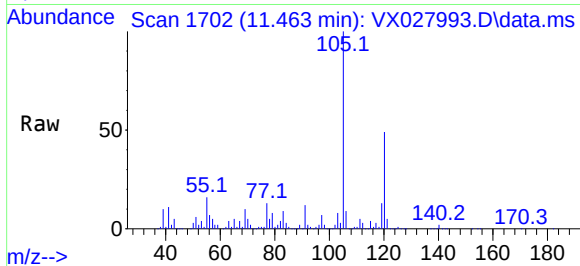




#80
1,3,5-Trimethylbenzene
Concen: 232.210 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX027993.D
Acq: 06 Apr 2022 13:17

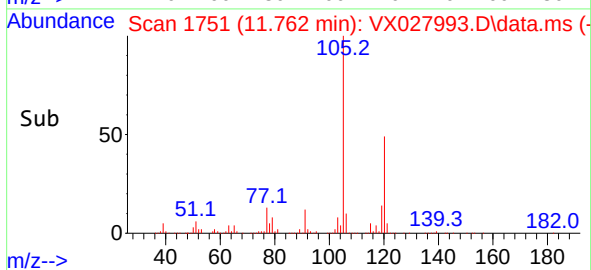
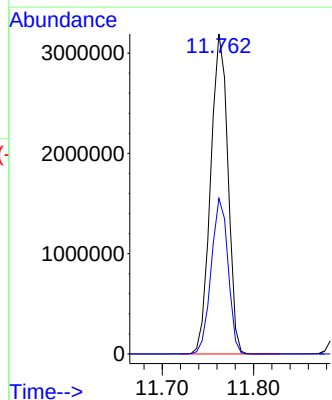
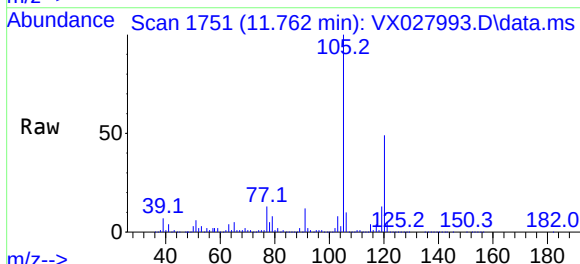
Instrument :
MSVOA_X
ClientSampleId :
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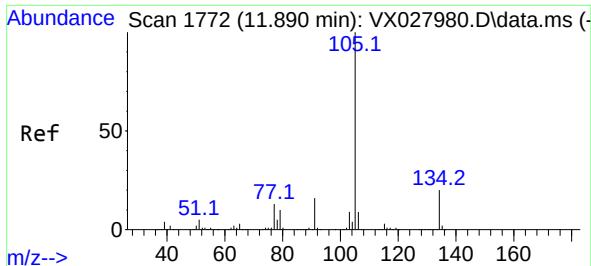
Tgt Ion:105 Resp: 1205883
Ion Ratio Lower Upper
105 100
120 48.1 24.3 72.9



#84
1,2,4-Trimethylbenzene
Concen: 795.018 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VX027993.D
Acq: 06 Apr 2022 13:17

Tgt Ion:105 Resp: 4180495
Ion Ratio Lower Upper
105 100
120 47.5 22.6 67.8

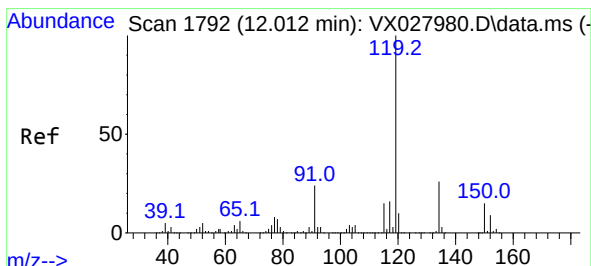
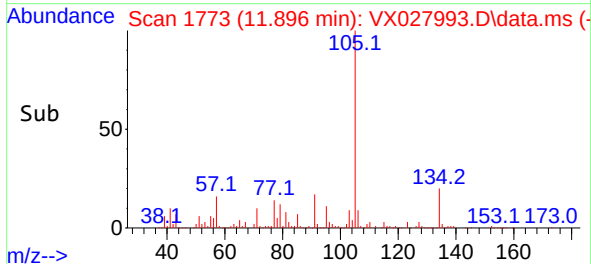
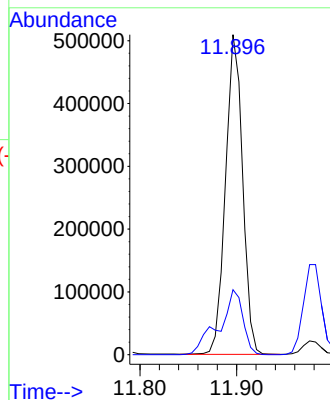
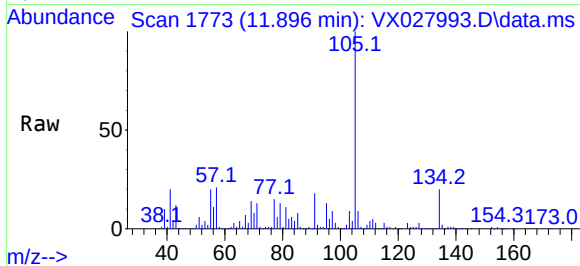




#85
 sec-Butylbenzene
 Concen: 97.417 ug/l
 RT: 11.896 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX027993.D
 Acq: 06 Apr 2022 13:17

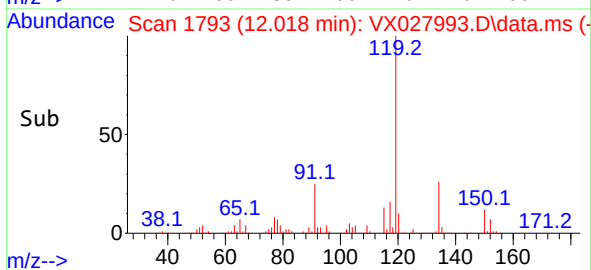
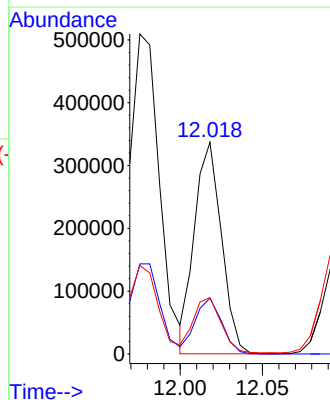
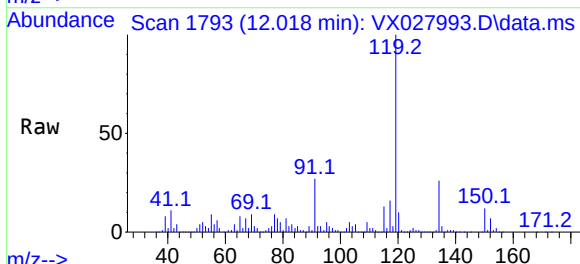
Instrument :
 MSVOA_X
 ClientSampleId :
 31292

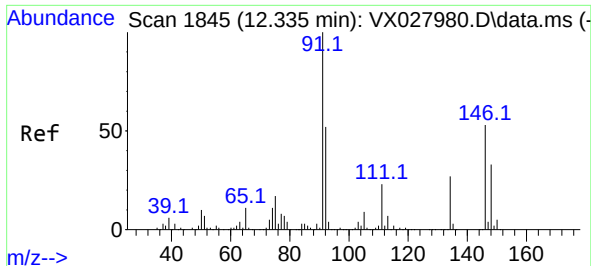
Tgt Ion:105 Resp: 622595
 Ion Ratio Lower Upper
 105 100
 134 28.6 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 70.766 ug/l
 RT: 12.018 min Scan# 1793
 Delta R.T. 0.006 min
 Lab File: VX027993.D
 Acq: 06 Apr 2022 13:17

Tgt Ion:119 Resp: 384351
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 26.6 11.3 33.9

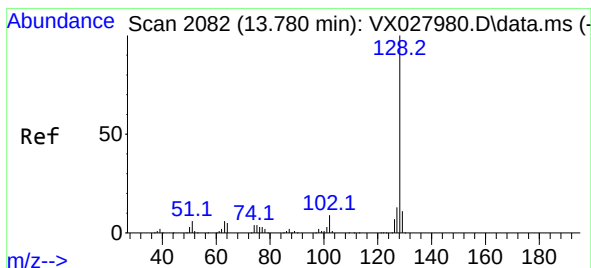
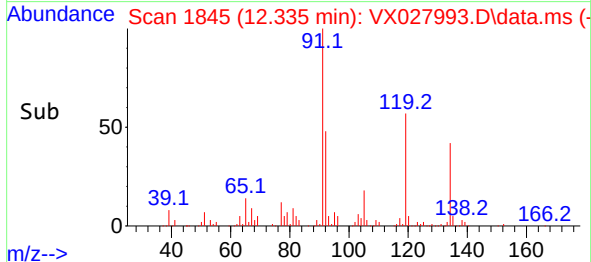
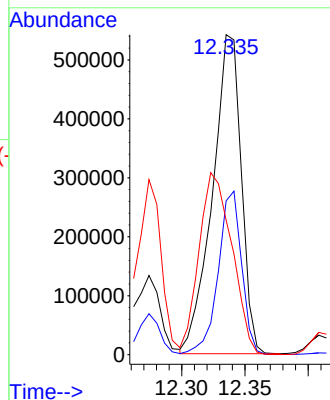
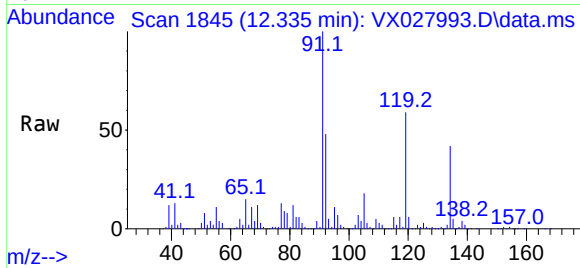




#89
n-Butylbenzene
Concen: 186.446 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027993.D
Acq: 06 Apr 2022 13:17

Instrument :
MSVOA_X
ClientSampleId :
31292

Tgt Ion: 91 Resp: 857179
Ion Ratio Lower Upper
91 100
92 41.7 27.8 83.3
134 65.2 13.3 39.8#



#95
Naphthalene
Concen: 30.067 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027993.D
Acq: 06 Apr 2022 13:17

Tgt Ion:128 Resp: 182360
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.4
129 14.3 8.7 13.1#

