

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030259.D
 Acq On : 28 Jul 2022 02:46
 Operator : JC/MD
 Sample : N3878-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 200-E-5TH-ST-DIRT-STONE-ASPHALT

Quant Time: Jul 28 05:57:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

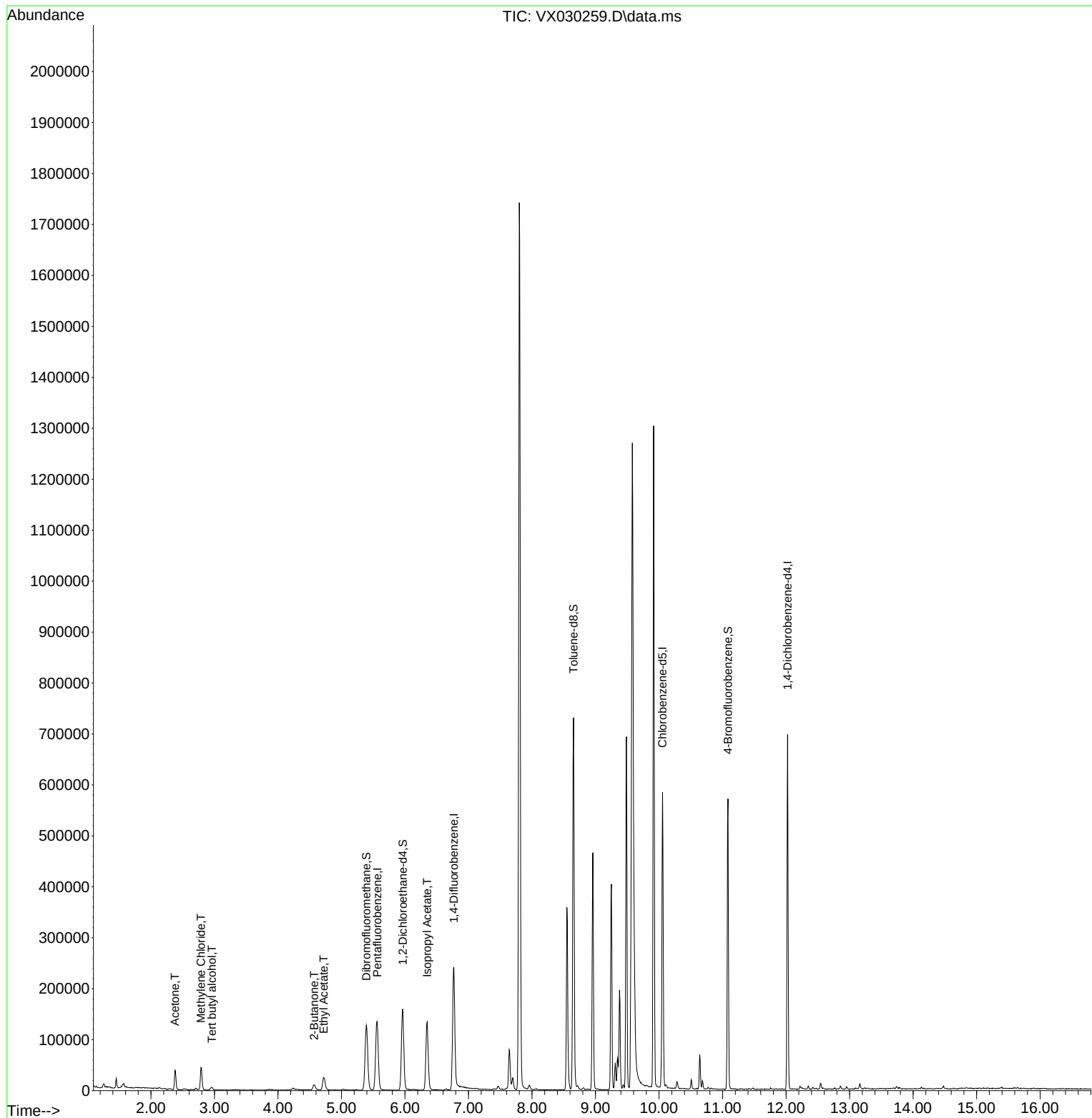
Internal Standards						
1) Pentafluorobenzene	5.562	168	129105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	236331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	147744	56.936	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.880%
35) Dibromofluoromethane	5.391	113	117230	51.890	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.780%
50) Toluene-d8	8.653	98	434493	49.661	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.320%
62) 4-Bromofluorobenzene	11.085	95	157774	48.591	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.180%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	5076	8.019	ug/l	98
16) Acetone	2.380	43	40079	30.168	ug/l	93
20) Methylene Chloride	2.788	84	19652	6.420	ug/l #	91
25) 2-Butanone	4.568	43	18306	8.200	ug/l	92
37) Ethyl Acetate	4.721	43	44115	9.582	ug/l	99
43) Isopropyl Acetate	6.348	43	184274	27.302	ug/l	97

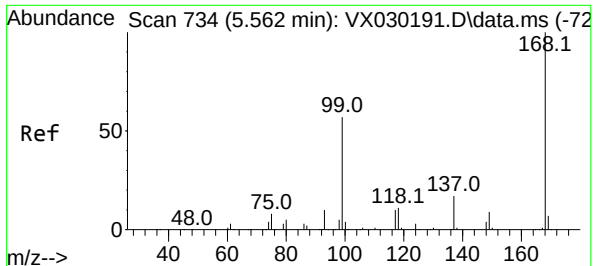
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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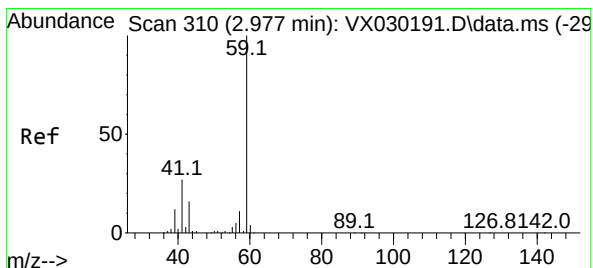
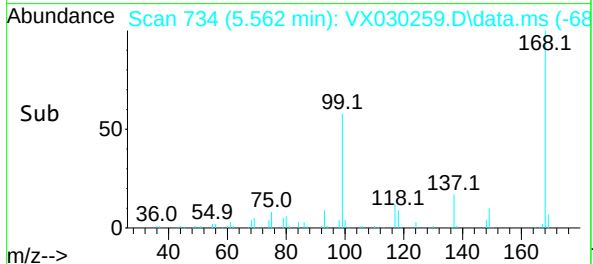
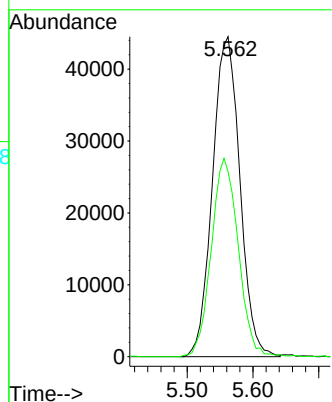
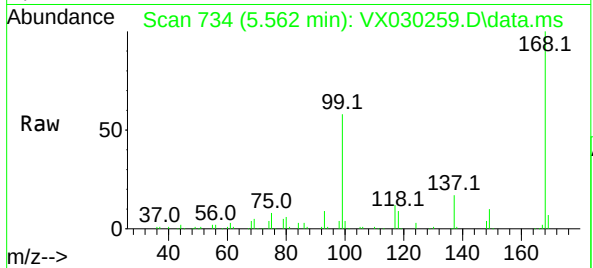




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX030259.D
Acq: 28 Jul 2022 02:46

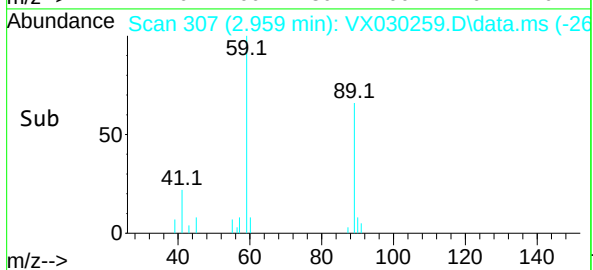
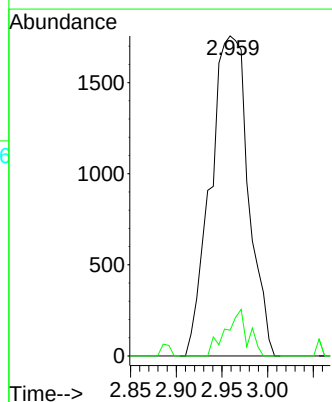
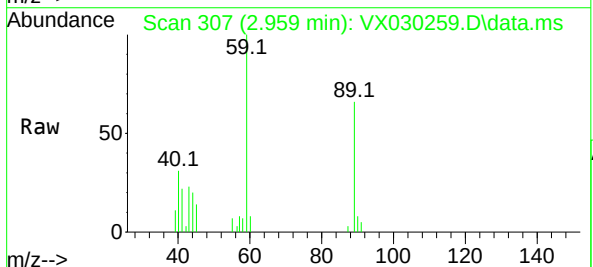
Instrument :
MSVOA_X
ClientSampleId :
200-E-5TH-ST-DIRT-STONE-ASPHALT

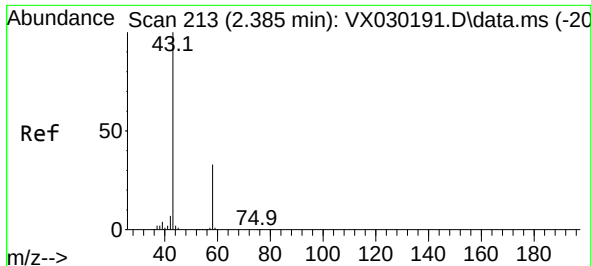
Tgt Ion:168 Resp: 129105
Ion Ratio Lower Upper
168 100
99 57.8 44.0 66.0



#11
Tert butyl alcohol
Concen: 8.019 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX030259.D
Acq: 28 Jul 2022 02:46

Tgt Ion: 59 Resp: 5076
Ion Ratio Lower Upper
59 100
57 8.5 7.4 11.2

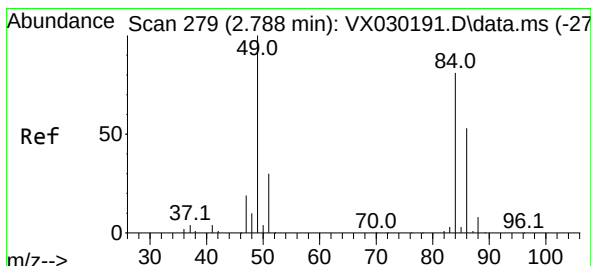
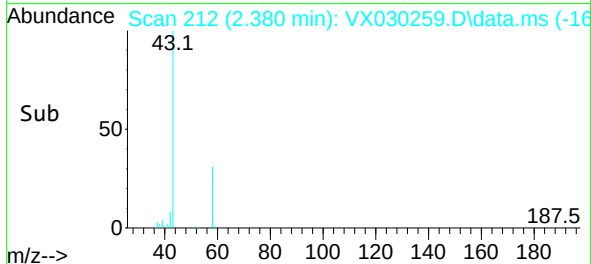
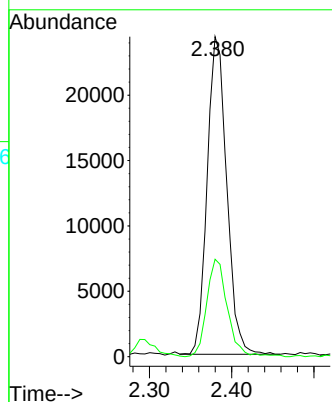
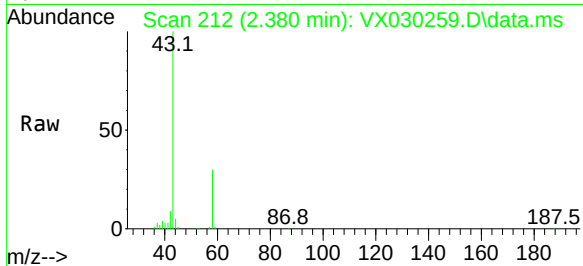




#16
Acetone
Concen: 30.168 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.005 min
Lab File: VX030259.D
Acq: 28 Jul 2022 02:46

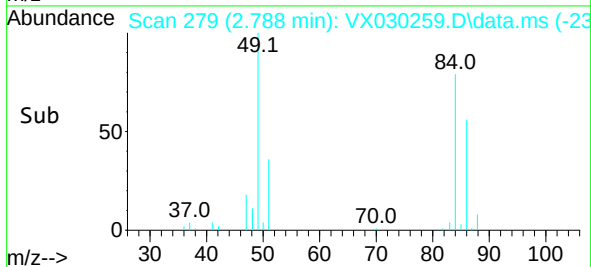
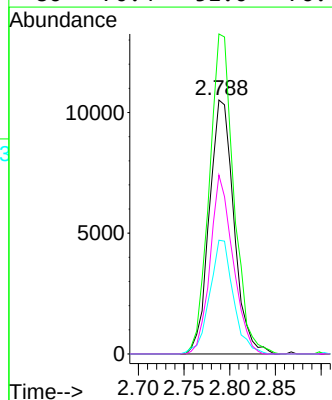
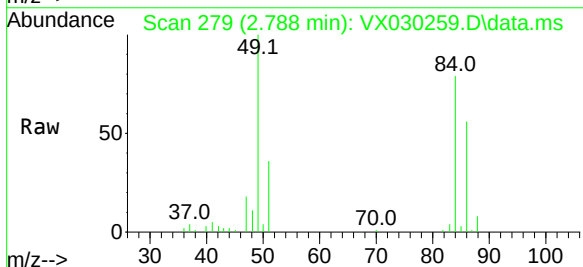
Instrument :
MSVOA_X
ClientSampleId :
200-E-5TH-ST-DIRT-STONE-ASPHALT

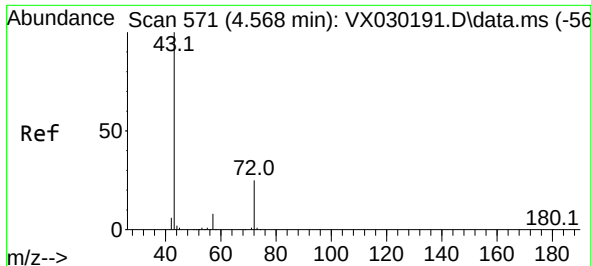
Tgt Ion: 43 Resp: 40079
Ion Ratio Lower Upper
43 100
58 30.4 27.7 41.5



#20
Methylene Chloride
Concen: 6.420 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030259.D
Acq: 28 Jul 2022 02:46

Tgt Ion: 84 Resp: 19652
Ion Ratio Lower Upper
84 100
49 126.0 93.8 140.6
51 44.8 29.4 44.0#
86 70.4 51.0 76.4

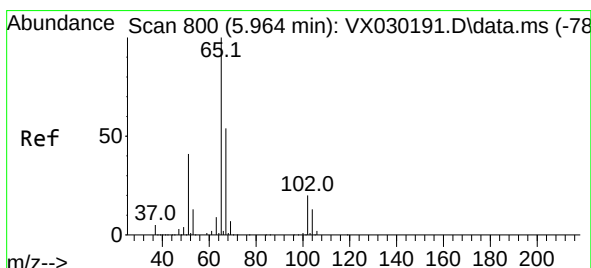
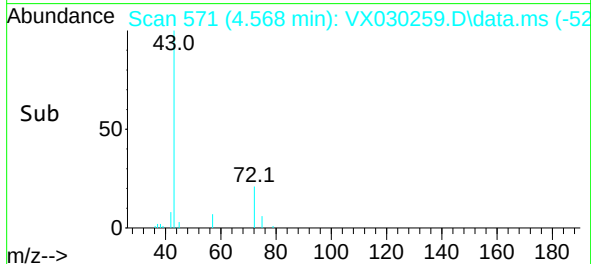
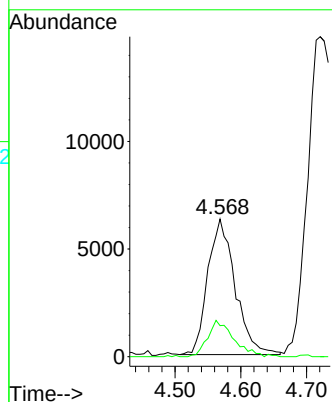
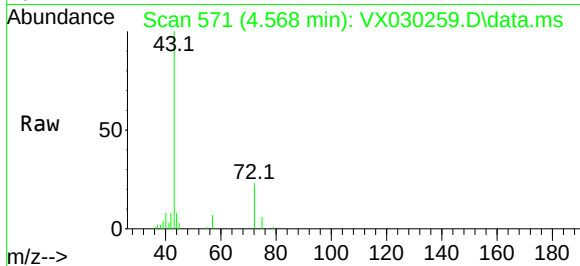




#25
2-Butanone
Concen: 8.200 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX030259.D
Acq: 28 Jul 2022 02:46

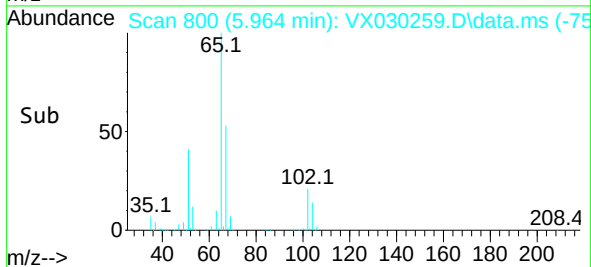
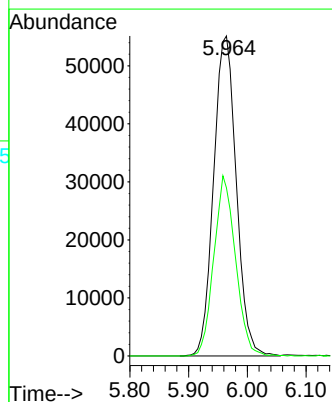
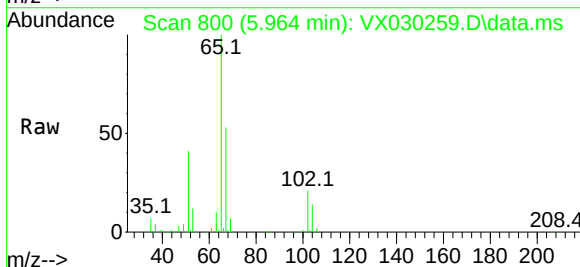
Instrument :
MSVOA_X
ClientSampleId :
200-E-5TH-ST-DIRT-STONE-ASPHALT

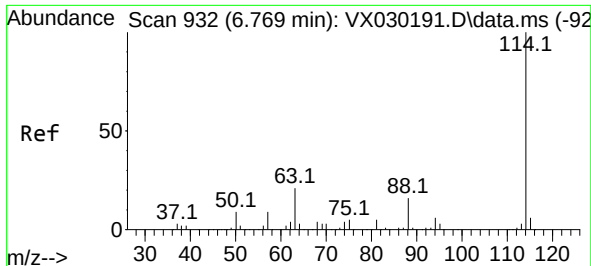
Tgt Ion: 43 Resp: 18306
Ion Ratio Lower Upper
43 100
72 22.9 21.7 32.5



#33
1,2-Dichloroethane-d4
Concen: 56.936 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX030259.D
Acq: 28 Jul 2022 02:46

Tgt Ion: 65 Resp: 147744
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.6

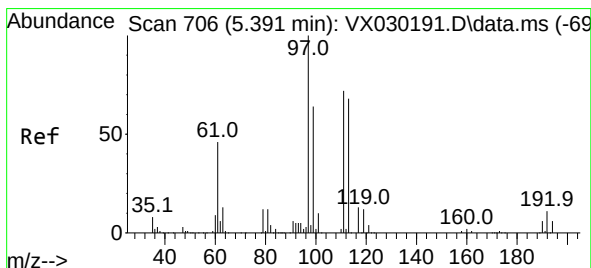
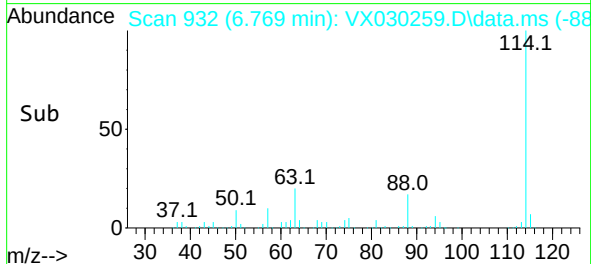
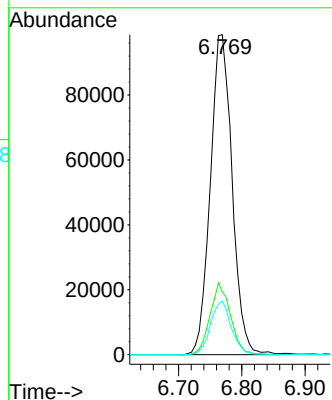
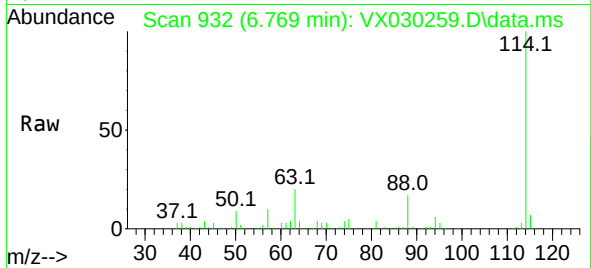




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030259.D
Acq: 28 Jul 2022 02:46

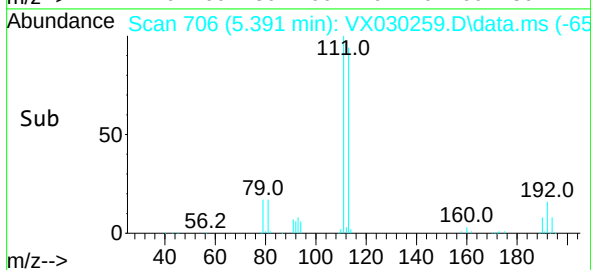
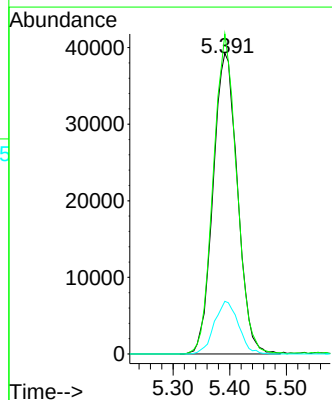
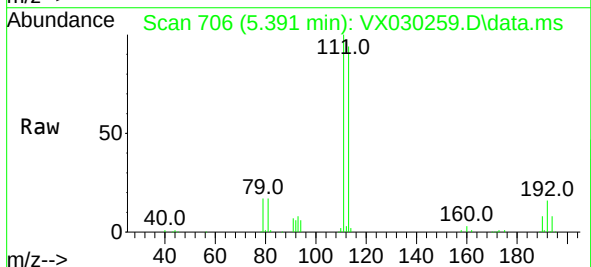
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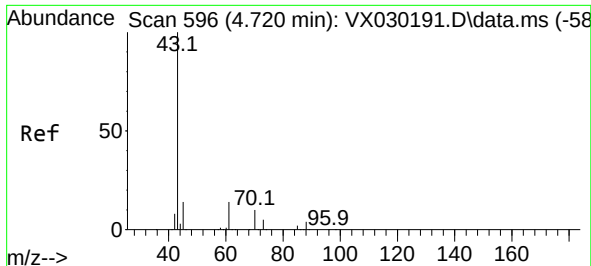
Tgt Ion:114 Resp: 236331
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.4
88 16.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.890 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030259.D
Acq: 28 Jul 2022 02:46

Tgt Ion:113 Resp: 117230
Ion Ratio Lower Upper
113 100
111 102.6 83.2 124.8
192 17.3 14.8 22.2

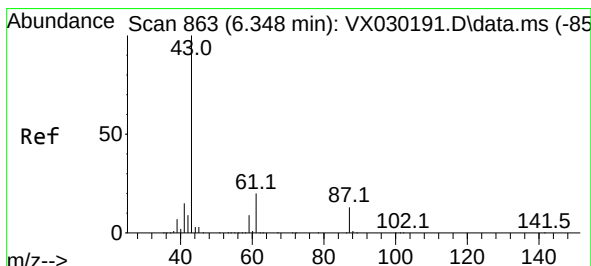
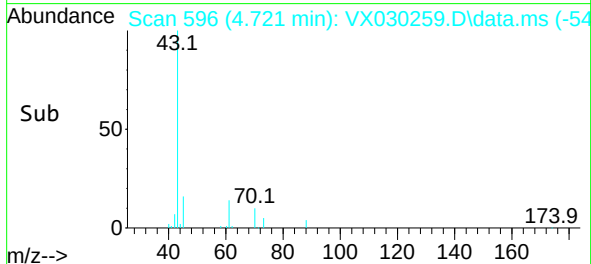
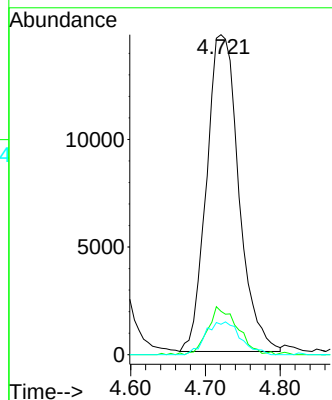
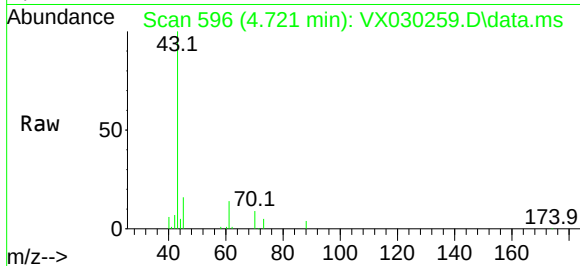




#37
Ethyl Acetate
Concen: 9.582 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.001 min
Lab File: VX030259.D
Acq: 28 Jul 2022 02:46

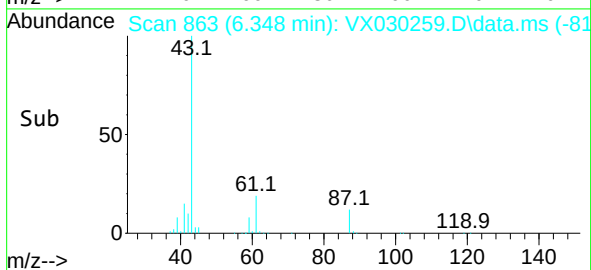
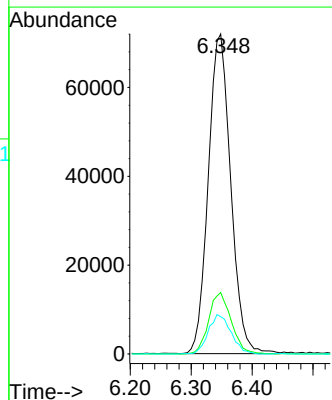
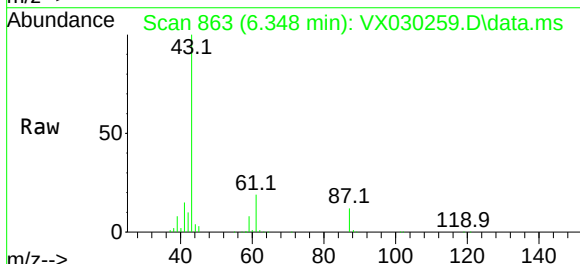
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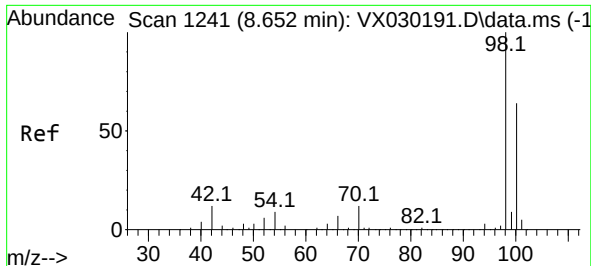
Tgt Ion: 43 Resp: 44115
Ion Ratio Lower Upper
43 100
61 14.1 11.7 17.5
70 11.2 9.3 13.9



#43
Isopropyl Acetate
Concen: 27.302 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX030259.D
Acq: 28 Jul 2022 02:46

Tgt Ion: 43 Resp: 184274
Ion Ratio Lower Upper
43 100
61 19.4 16.5 24.7
87 12.4 11.1 16.7

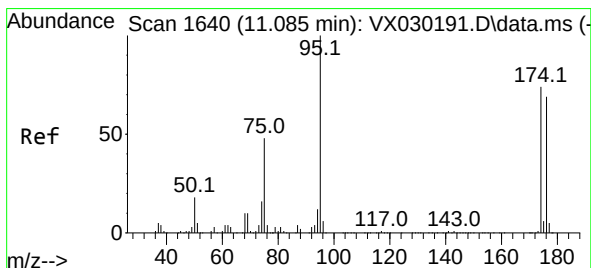
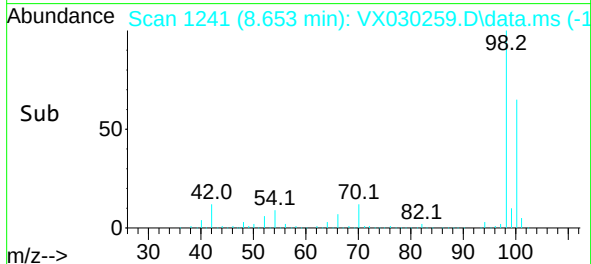
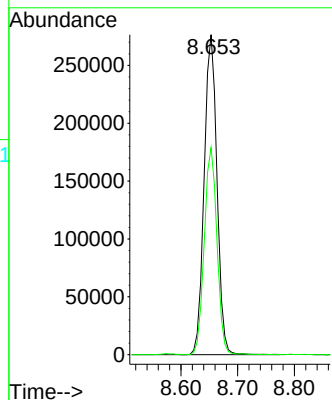
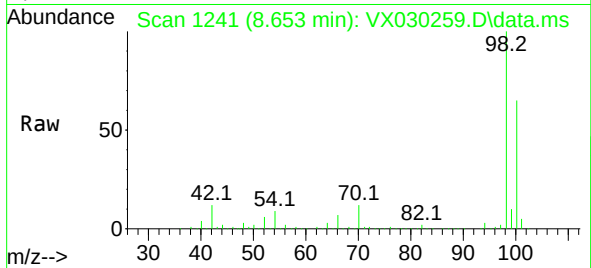




#50
Toluene-d8
Concen: 49.661 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030259.D
Acq: 28 Jul 2022 02:46

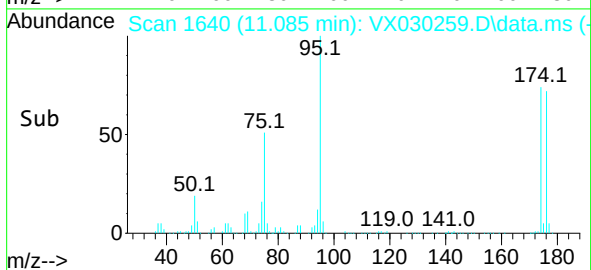
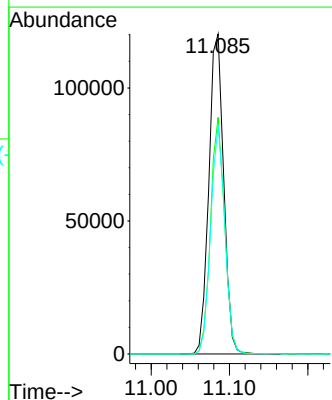
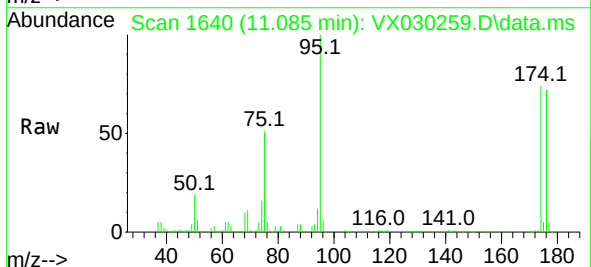
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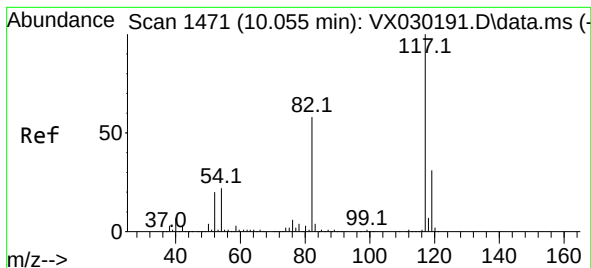
Tgt Ion: 98 Resp: 434493
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.591 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030259.D
Acq: 28 Jul 2022 02:46

Tgt Ion: 95 Resp: 157774
Ion Ratio Lower Upper
95 100
174 70.4 0.0 149.0
176 68.3 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX030259.D

Acq: 28 Jul 2022 02:46

Instrument :

MSVOA_X

ClientSampleId :

200-E-5TH-ST-DIRT-STONE-ASPHALT

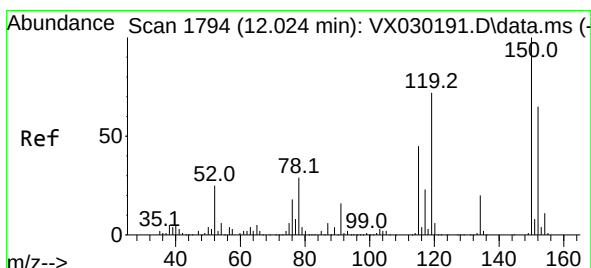
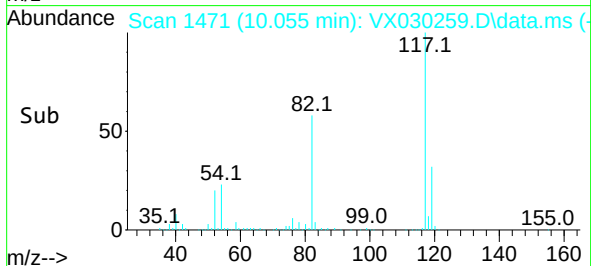
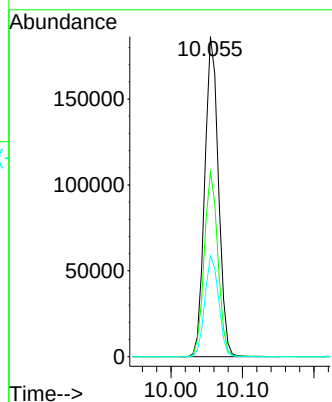
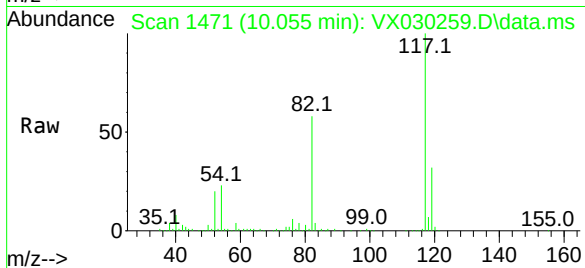
Tgt Ion:117 Resp: 248712

Ion Ratio Lower Upper

117 100

82 57.7 42.7 64.1

119 31.6 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030259.D

Acq: 28 Jul 2022 02:46

Tgt Ion:152 Resp: 136795

Ion Ratio Lower Upper

152 100

115 61.8 40.5 121.5

150 156.3 0.0 347.0

