

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092721\
 Data File : VD070486.D
 Acq On : 27 Sep 2021 19:10
 Operator : VA/SY
 Sample : M3889-04
 Misc : 5.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUP-UST-04-(13-15)

Quant Time: Sep 28 04:16:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

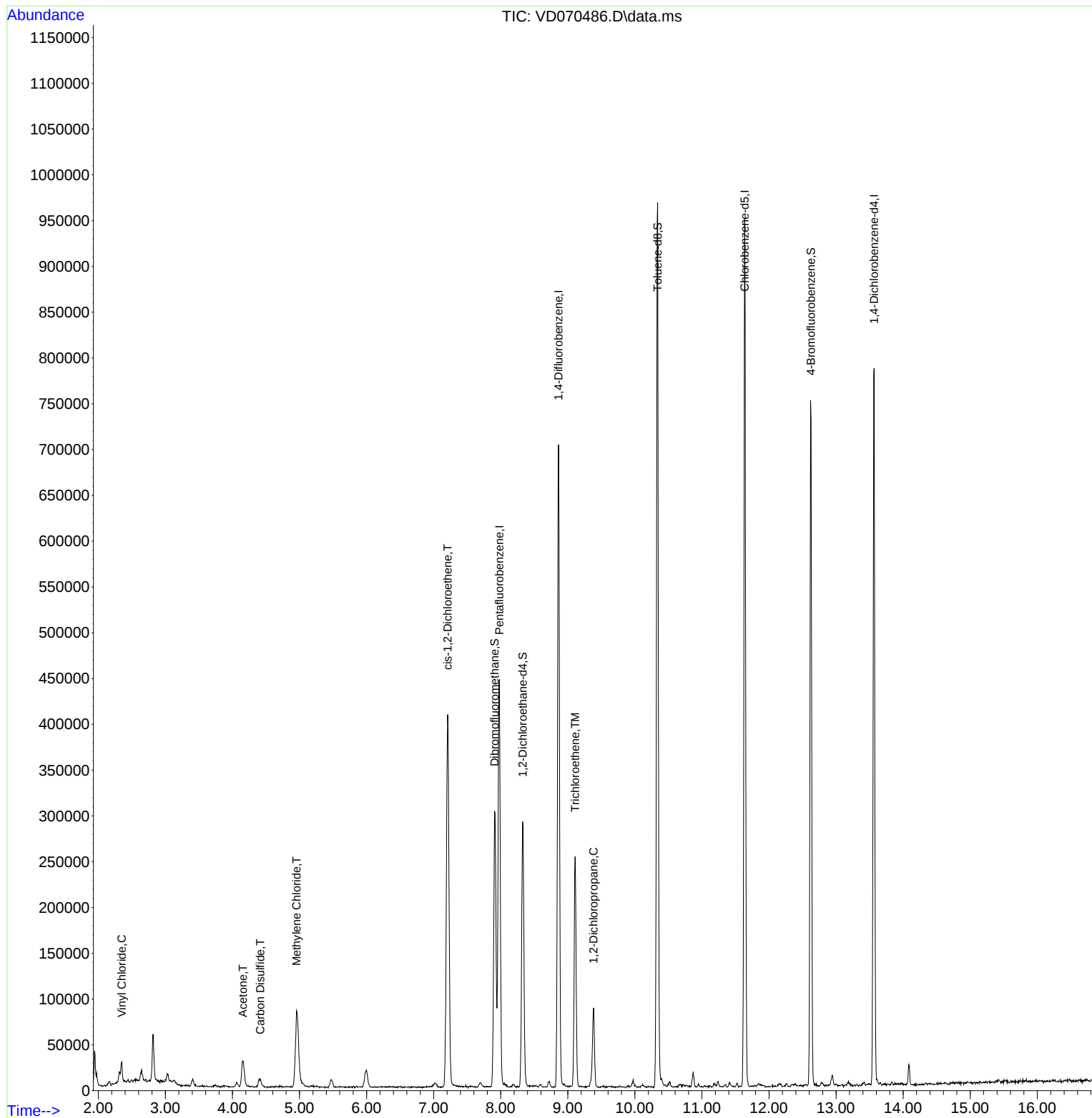
Internal Standards						
1) Pentafluorobenzene	7.979	168	316138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	612549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	570349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	212573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	231237	56.965	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.920%	
35) Dibromofluoromethane	7.909	113	233036	53.446	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.900%	
50) Toluene-d8	10.338	98	694551	43.873	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 87.740%	
62) 4-Bromofluorobenzene	12.626	95	218984	39.580	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.160%	
Target Compounds						Qvalue
4) Vinyl Chloride	2.350	62	12263	2.465	ug/l	# 84
16) Acetone	4.156	43	52530	72.483	ug/l	93
17) Carbon Disulfide	4.415	76	19531	1.438	ug/l	98
20) Methylene Chloride	4.956	84	70318	9.718	ug/l	95
27) cis-1,2-Dichloroethene	7.209	96	262612	55.799	ug/l	89
44) Trichloroethene	9.108	130	92021	20.067	ug/l	97
45) 1,2-Dichloropropane	9.385	63	34544	6.862	ug/l	99

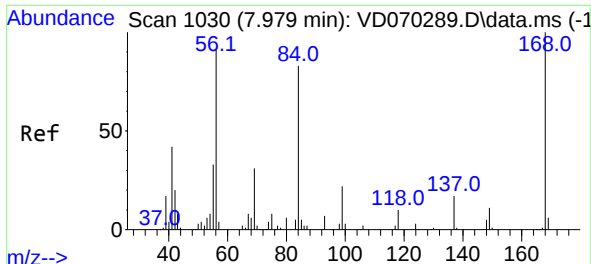
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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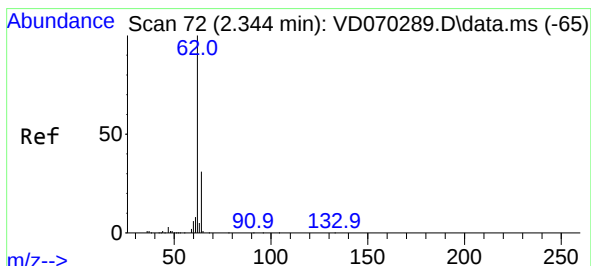
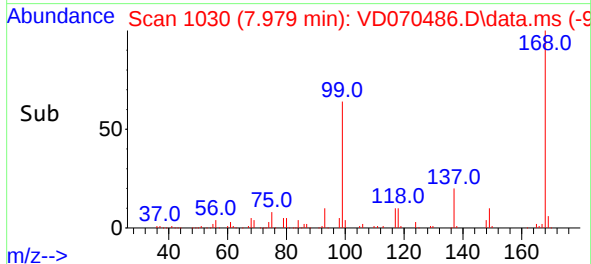
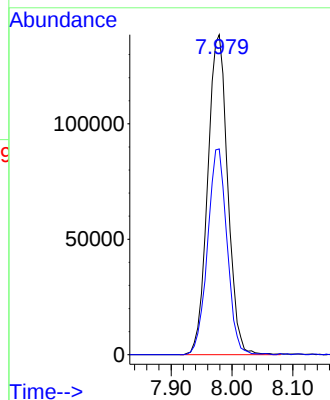
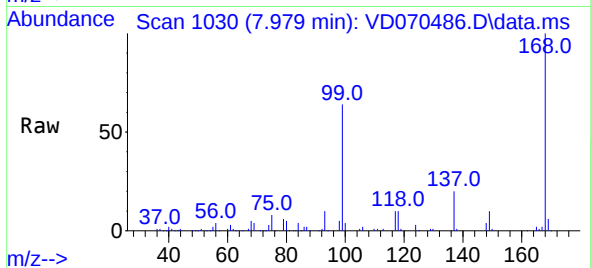




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070486.D
Acq: 27 Sep 2021 19:10

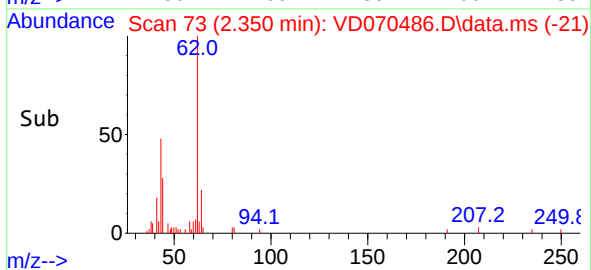
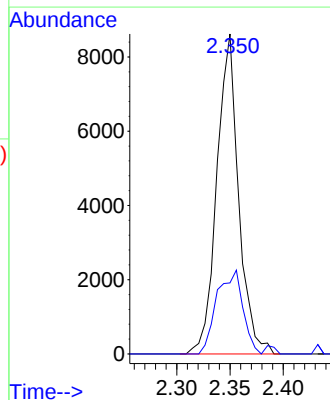
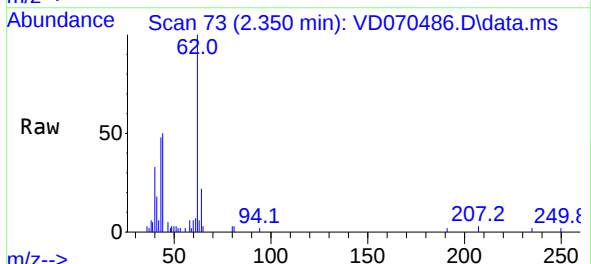
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-04-(13-15)

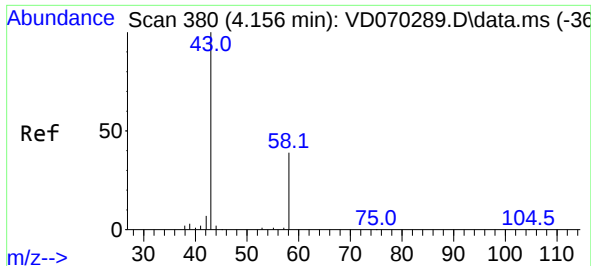
Tgt Ion:168 Resp: 316138
Ion Ratio Lower Upper
168 100
99 64.3 50.8 76.2



#4
Vinyl Chloride
Concen: 2.465 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.006 min
Lab File: VD070486.D
Acq: 27 Sep 2021 19:10

Tgt Ion: 62 Resp: 12263
Ion Ratio Lower Upper
62 100
64 22.2 24.6 36.8#

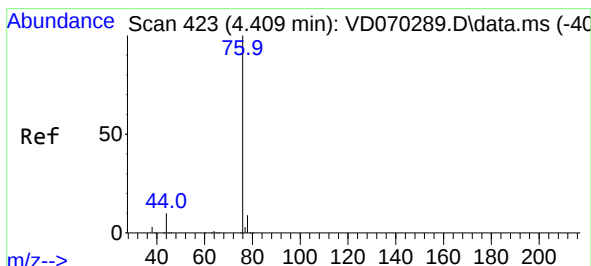
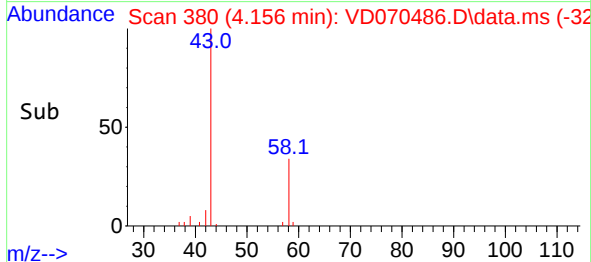
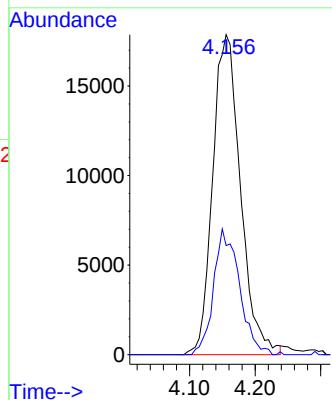
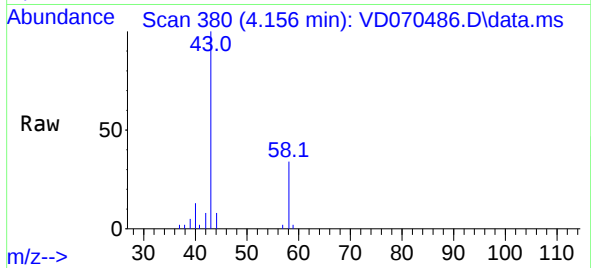




#16
Acetone
Concen: 72.483 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070486.D
Acq: 27 Sep 2021 19:10

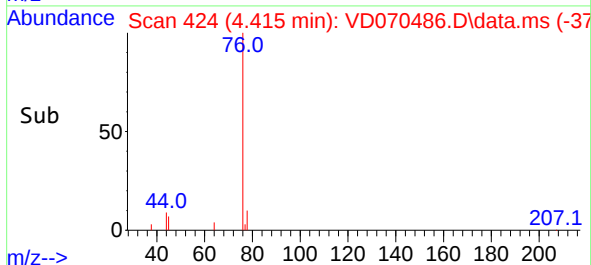
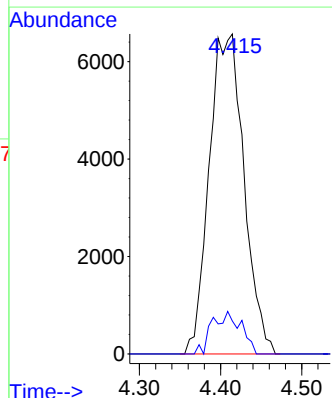
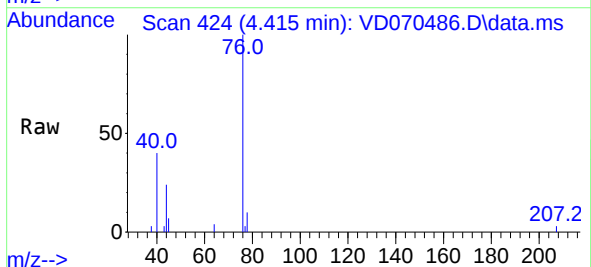
Instrument :
MSVOA_D
ClientSampleId :
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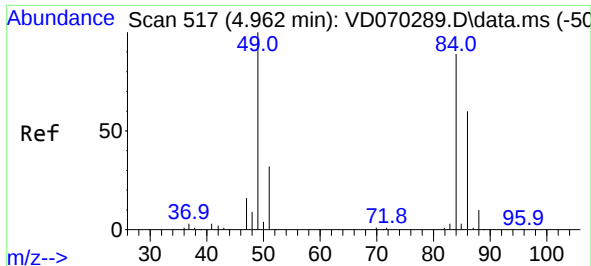
Tgt Ion: 43 Resp: 52530
Ion Ratio Lower Upper
43 100
58 34.1 30.9 46.3



#17
Carbon Disulfide
Concen: 1.438 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD070486.D
Acq: 27 Sep 2021 19:10

Tgt Ion: 76 Resp: 19531
Ion Ratio Lower Upper
76 100
78 10.3 7.5 11.3



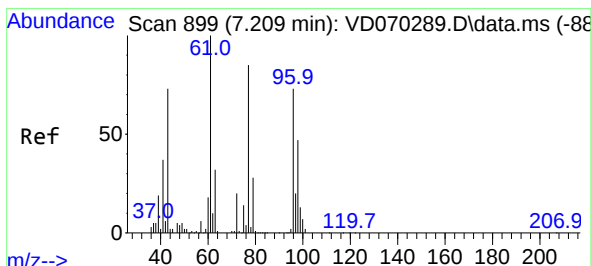
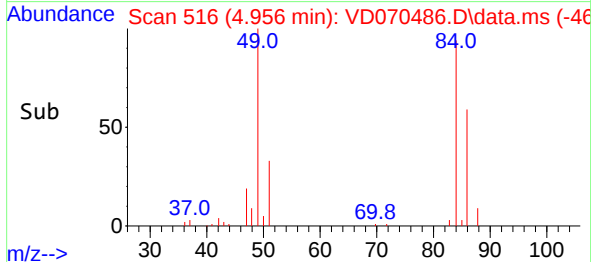
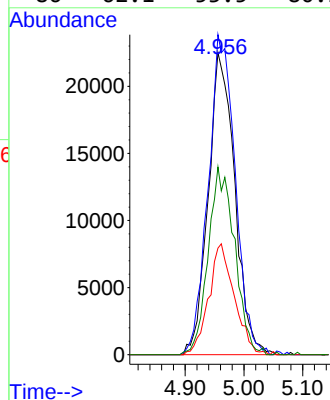
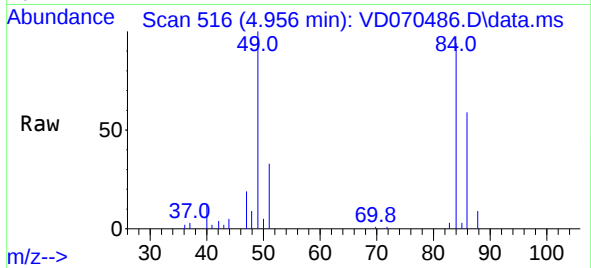


#20
Methylene Chloride
Concen: 9.718 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070486.D
Acq: 27 Sep 2021 19:10

Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-04-(13-15)

Tgt Ion: 84 Resp: 70318

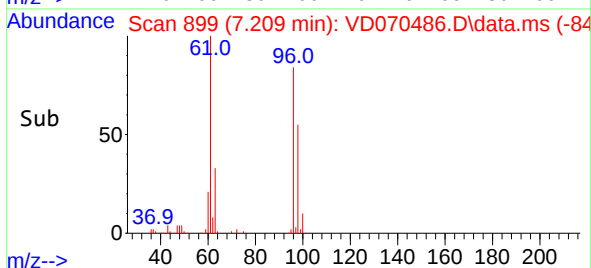
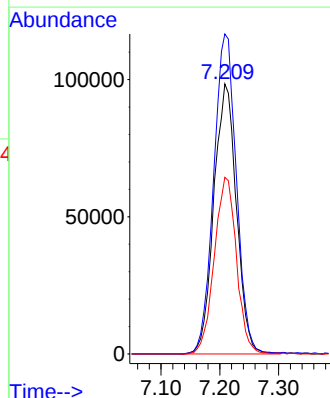
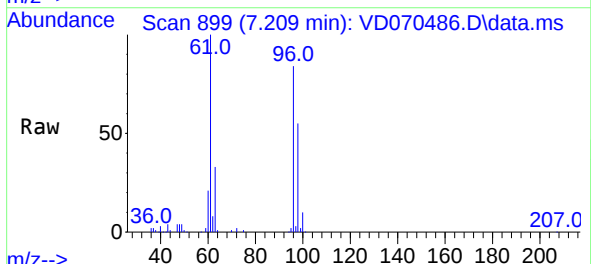
Ion	Ratio	Lower	Upper
84	100		
49	105.9	89.6	134.4
51	35.3	28.6	43.0
86	62.1	53.5	80.3

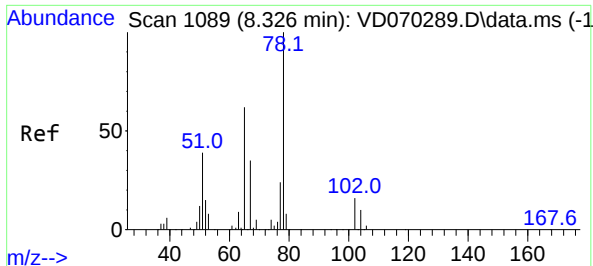


#27
cis-1,2-Dichloroethene
Concen: 55.799 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070486.D
Acq: 27 Sep 2021 19:10

Tgt Ion: 96 Resp: 262612

Ion	Ratio	Lower	Upper
96	100		
61	119.1	0.0	277.4
98	64.2	0.0	130.0



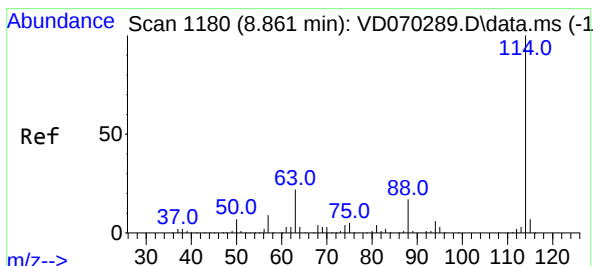
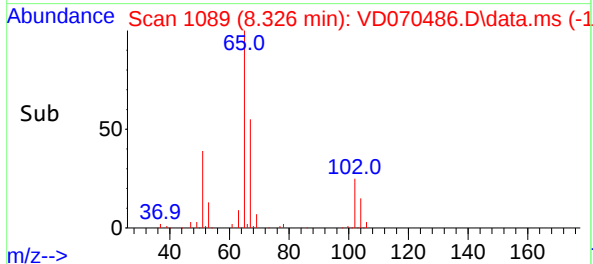
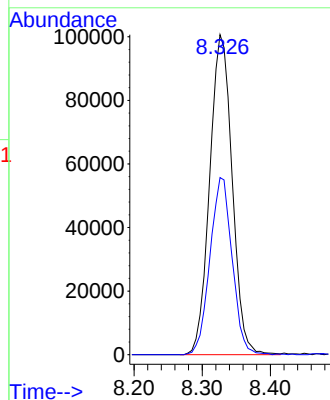
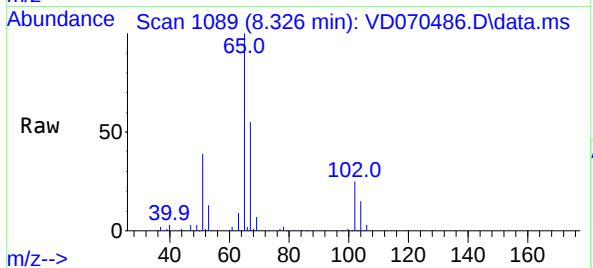


#33

1,2-Dichloroethane-d4
Concen: 56.965 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070486.D
Acq: 27 Sep 2021 19:10

Instrument :
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ClientSampleId :
SUP-UST-04-(13-15)

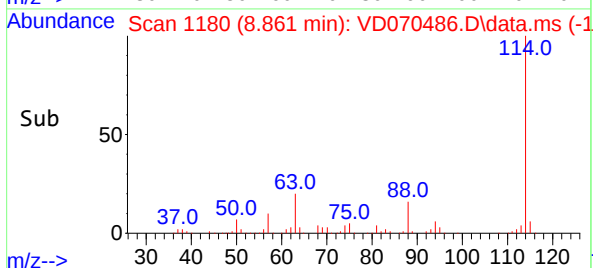
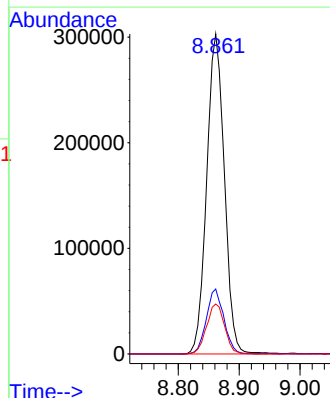
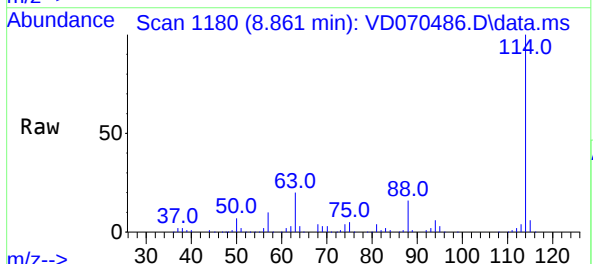
Tgt Ion: 65 Resp: 231237
Ion Ratio Lower Upper
65 100
67 54.5 0.0 111.4

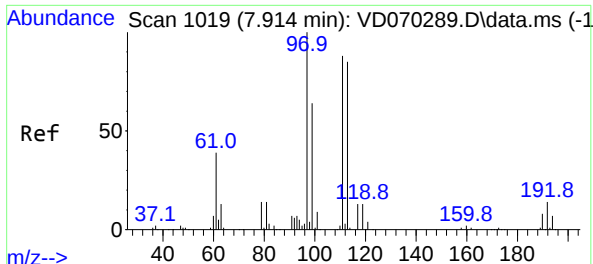


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070486.D
Acq: 27 Sep 2021 19:10

Tgt Ion: 114 Resp: 612549
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.4
88 15.6 0.0 33.4

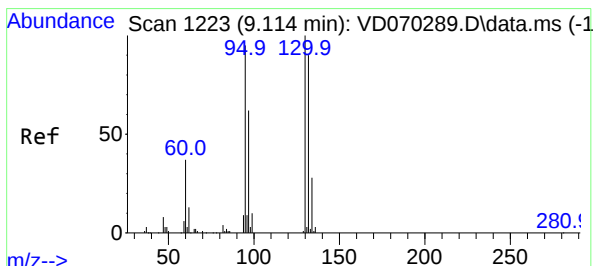
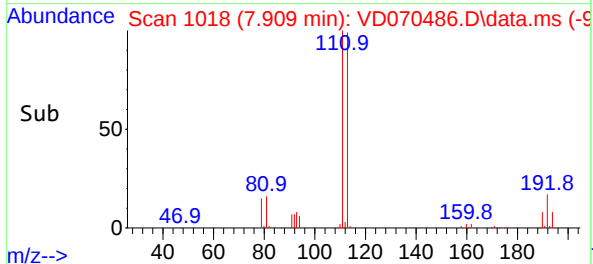
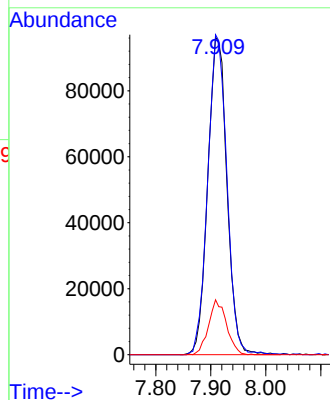
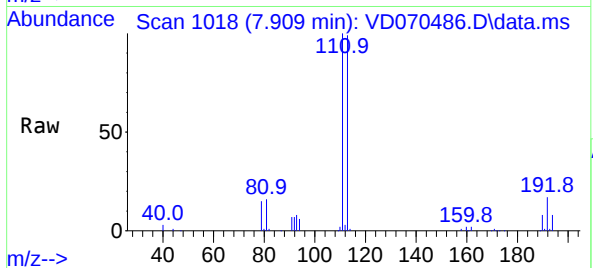




#35
Dibromofluoromethane
Concen: 53.446 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070486.D
Acq: 27 Sep 2021 19:10

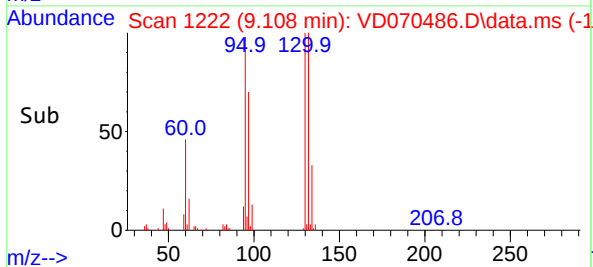
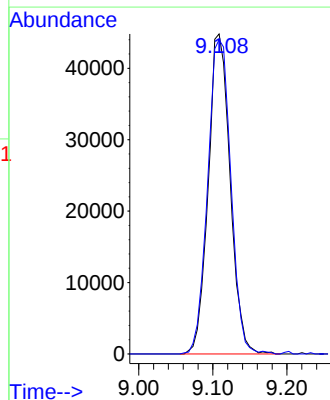
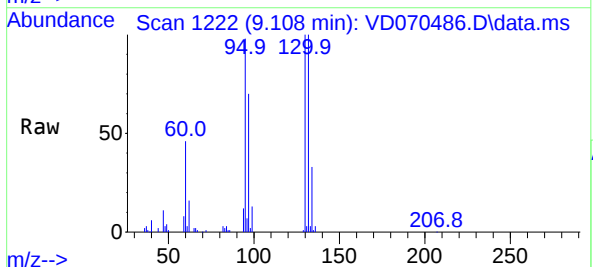
Instrument :
MSVOA_D
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SUP-UST-04-(13-15)

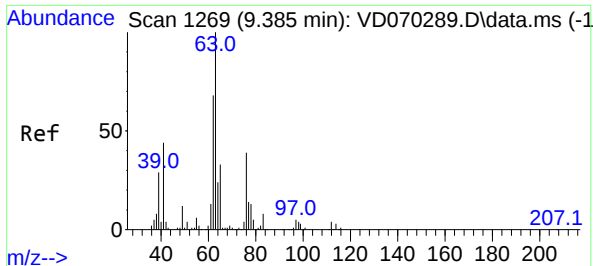
Tgt Ion:113 Resp: 233036
Ion Ratio Lower Upper
113 100
111 100.8 81.4 122.2
192 16.2 13.0 19.6



#44
Trichloroethene
Concen: 20.067 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD070486.D
Acq: 27 Sep 2021 19:10

Tgt Ion:130 Resp: 92021
Ion Ratio Lower Upper
130 100
95 98.2 0.0 190.0

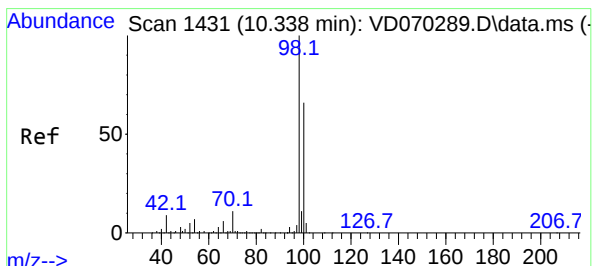
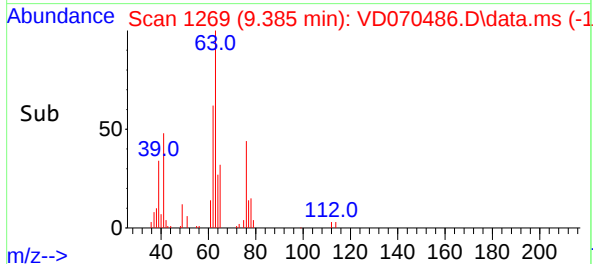
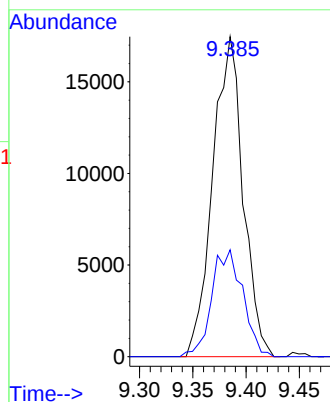
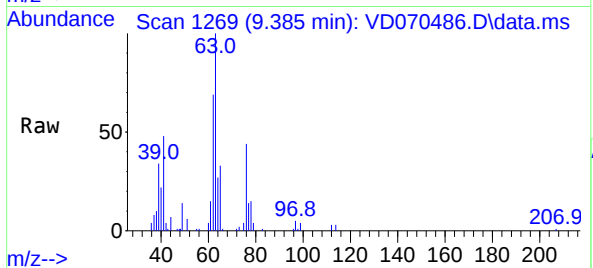




#45
1,2-Dichloropropane
Concen: 6.862 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD070486.D
Acq: 27 Sep 2021 19:10

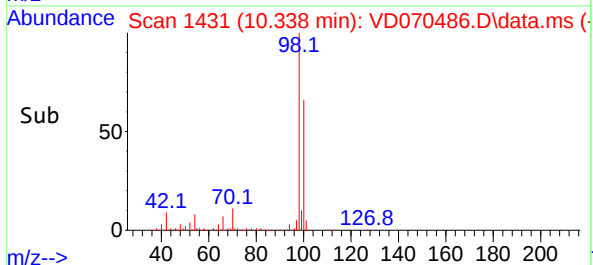
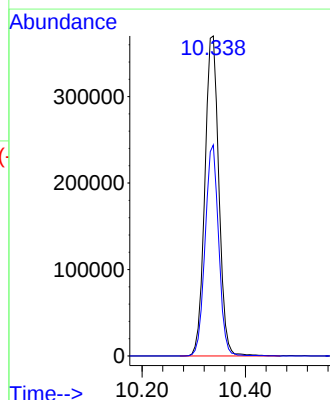
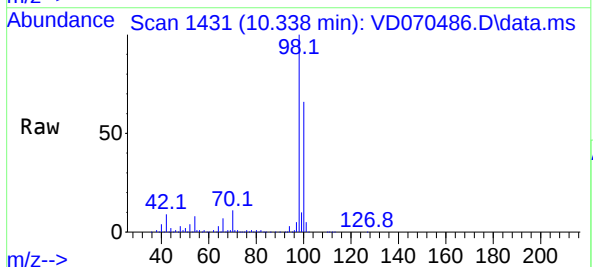
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SUP-UST-04-(13-15)

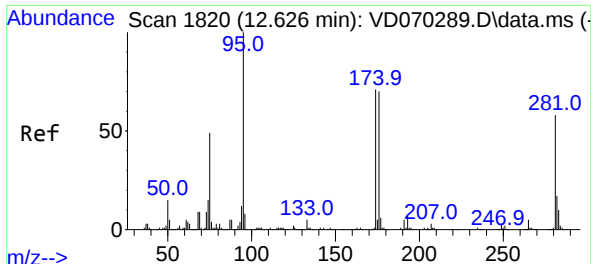
Tgt Ion: 63 Resp: 34544
Ion Ratio Lower Upper
63 100
65 33.4 26.2 39.2



#50
Toluene-d8
Concen: 43.873 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070486.D
Acq: 27 Sep 2021 19:10

Tgt Ion: 98 Resp: 694551
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

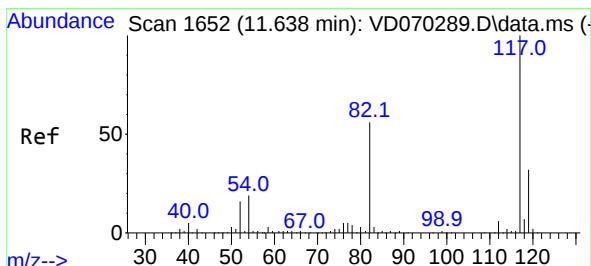
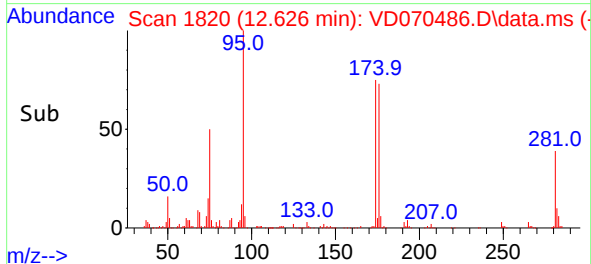
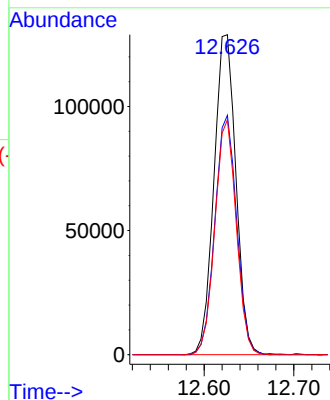
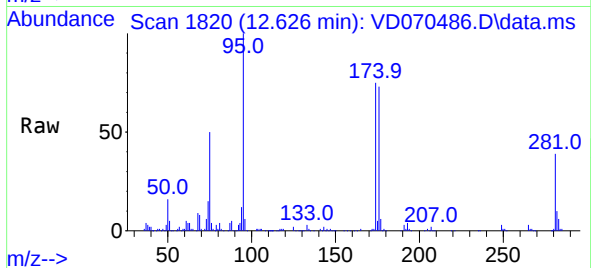




#62
4-Bromofluorobenzene
Concen: 39.580 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070486.D
Acq: 27 Sep 2021 19:10

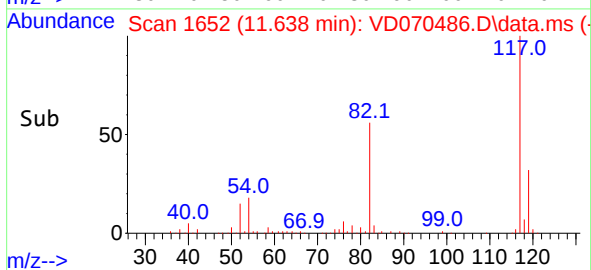
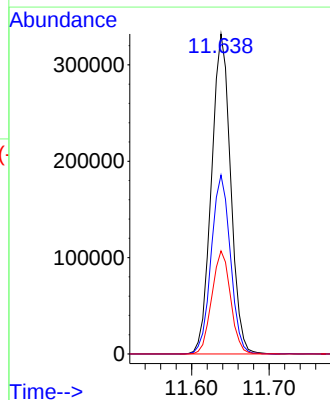
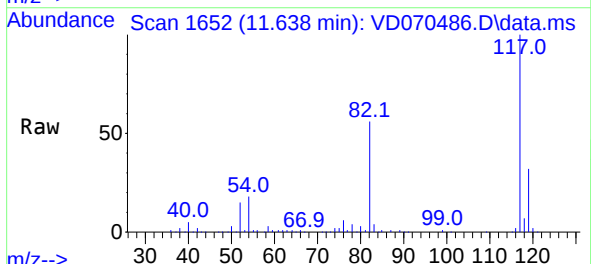
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-04-(13-15)

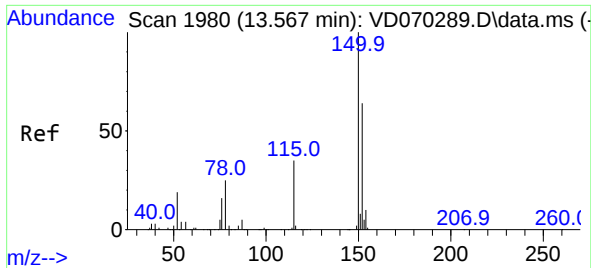
Tgt Ion: 95 Resp: 218984
Ion Ratio Lower Upper
95 100
174 74.5 0.0 140.6
176 71.3 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070486.D
Acq: 27 Sep 2021 19:10

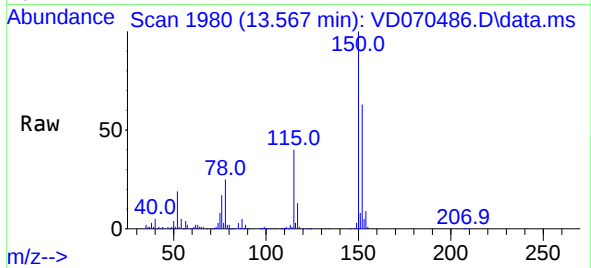
Tgt Ion: 117 Resp: 570349
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.4
119 32.2 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070486.D
 Acq: 27 Sep 2021 19:10

Instrument :
 MSVOA_D
 ClientSampleId :
 SUP-UST-04-(13-15)



Tgt Ion:	152	Resp:	212573
Ion	Ratio	Lower	Upper
152	100		
115	62.7	32.1	96.3
150	157.9	0.0	350.6

