

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092721\
 Data File : VD070482.D
 Acq On : 27 Sep 2021 17:19
 Operator : VA/SY
 Sample : M3889-02
 Misc : 7.47G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUP-UST-03-(8-10)

Quant Time: Sep 28 04:15:18 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	7.973	168	228641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	436744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	306611	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	100813	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	137414	46.806	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.620%
35) Dibromofluoromethane	7.908	113	129931	41.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.580%
50) Toluene-d8	10.332	98	553761	49.061	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.120%
62) 4-Bromofluorobenzene	12.620	95	189218	47.967	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.940%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.985	85	142	Below Cal	#	43
3) Chloromethane	2.209	50	718	Below Cal		95
5) Bromomethane	2.767	94	693	Below Cal	#	79
6) Chloroethane	3.044	64	56	Below Cal	#	43
10) Methyl Iodide	4.291	142	77	1.056	ug/l	# 39
11) Tert butyl alcohol	5.214	59	1419	4.275	ug/l	# 100
13) Acrolein	3.867	56	190	1.302	ug/l	# 1
15) Acrylonitrile	5.473	53	5769	9.205	ug/l	# 1
16) Acetone	4.156	43	67311	128.421	ug/l	91
17) Carbon Disulfide	4.397	76	10627	1.082	ug/l	99
20) Methylene Chloride	4.956	84	49578	9.260	ug/l	93
25) 2-Butanone	7.208	43	23587	33.806	ug/l	# 80
29) Tetrahydrofuran	7.573	42	637	1.422	ug/l	# 45
31) Cyclohexane	7.979	56	844465	166.984	ug/l	93
36) 1,1-Dichloropropene	7.973	75	20545	4.401	ug/l	# 39
37) Ethyl Acetate	7.208	43	23587	13.512	ug/l	# 65
38) Carbon Tetrachloride	7.979	117	26136	5.661	ug/l	# 19
39) Methylcyclohexane	9.349	83	2299224	440.877	ug/l	98
40) Benzene	8.350	78	135669	9.917	ug/l	97
43) Isopropyl Acetate	8.444	43	70836	21.947	ug/l	# 46
45) 1,2-Dichloropropane	9.349	63	21786	6.070	ug/l	# 1
48) Methyl methacrylate	9.532	41	115386	77.427	ug/l	# 45
51) 4-Methyl-2-Pentanone	10.332	43	81144	48.584	ug/l	# 45
55) 1,1,2-Trichloroethane	10.773	97	381198	149.926	ug/l	# 22
56) Ethyl methacrylate	10.673	69	190630	68.680	ug/l	# 20
58) 2-Chloroethyl Vinyl ether	9.926	63	2034	1.520	ug/l	97
59) 2-Hexanone	10.944	43	820058	735.915	ug/l	# 25
61) 1,2-Dibromoethane	11.232	107	2767	1.183	ug/l	# 1
65) Chlorobenzene	11.667	112	7682	1.209	ug/l	# 86
67) Ethyl Benzene	11.738	91	19476	1.778	ug/l	98
68) m/p-Xylenes	11.849	106	5147	1.217	ug/l	# 23
69) o-Xylene	12.173	106	35178	9.281	ug/l	78
73) Isopropylbenzene	12.473	105	694347	98.211	ug/l	99
74) N-amyl acetate	12.261	43	1379218	895.347	ug/l	# 57
75) 1,1,2,2-Tetrachloroethane	12.696	83	112178	74.083	ug/l	# 86
76) 1,2,3-Trichloropropane	12.808	75	8218	8.059	ug/l	# 1

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 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

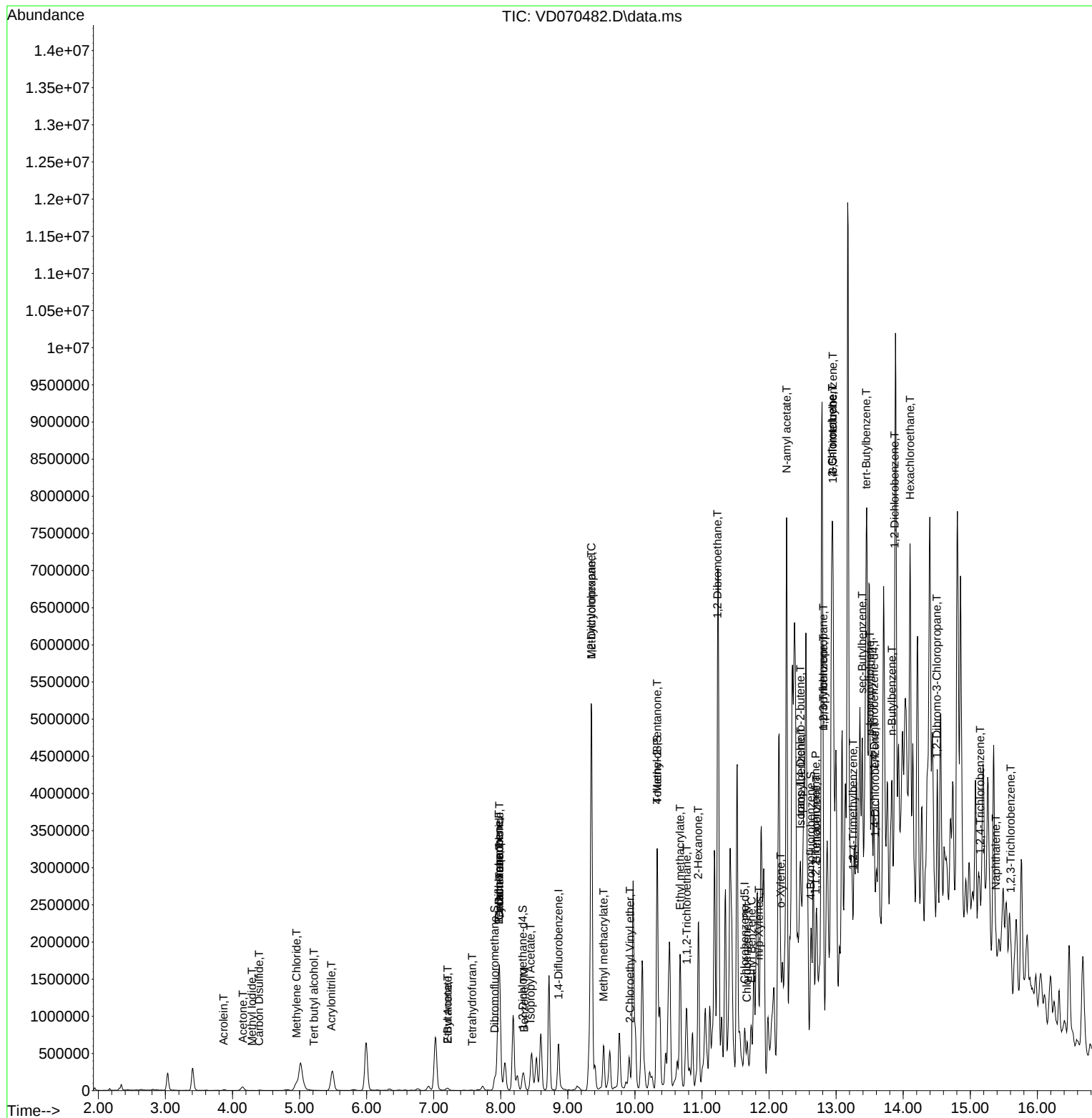
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

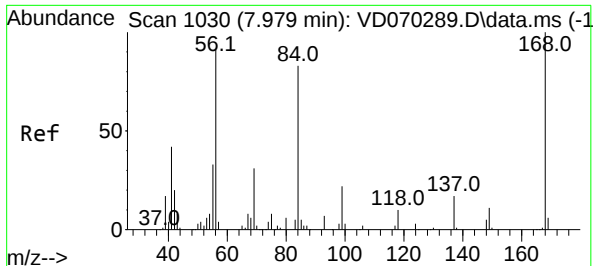
77) Bromobenzene	12.708	156	2524	1.547	ug/l #	1
78) n-propylbenzene	12.808	91	1161359	126.563	ug/l	98
79) 2-Chlorotoluene	12.943	91	49352	9.227	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.949	105	54206	8.884	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.467	75	7315	17.974	ug/l #	1
82) 4-Chlorotoluene	12.943	91	49352	8.746	ug/l #	1
83) tert-Butylbenzene	13.449	119	57598	11.770	ug/l	89
84) 1,2,4-Trimethylbenzene	13.255	105	88571	14.741	ug/l	100
85) sec-Butylbenzene	13.390	105	925953	119.037	ug/l	83
86) p-Isopropyltoluene	13.508	119	93294	14.927	ug/l	90
88) 1,4-Dichlorobenzene	13.579	146	4408	1.293	ug/l #	1
89) n-Butylbenzene	13.832	91	866696	139.088	ug/l #	80
90) Hexachloroethane	14.102	117	174283	121.817	ug/l #	18
91) 1,2-Dichlorobenzene	13.873	146	52682	17.583	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.502	75	3670	16.183	ug/l #	41
93) 1,2,4-Trichlorobenzene	15.149	180	9189	5.679	ug/l #	1
95) Naphthalene	15.384	128	307279	104.497	ug/l	96
96) 1,2,3-Trichlorobenzene	15.602	180	11473	8.037	ug/l #	12

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

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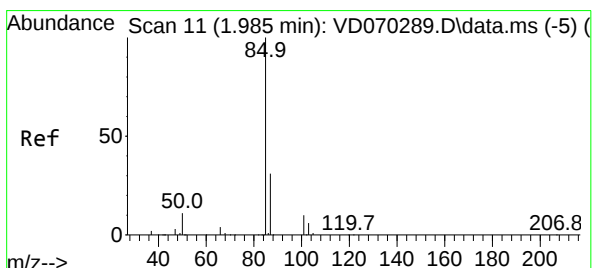
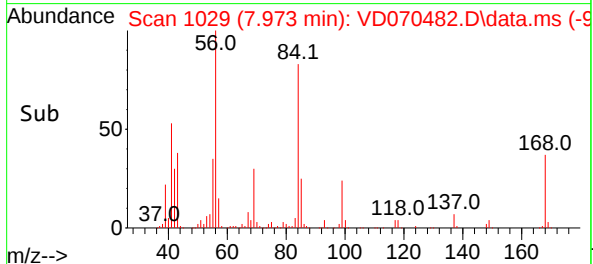
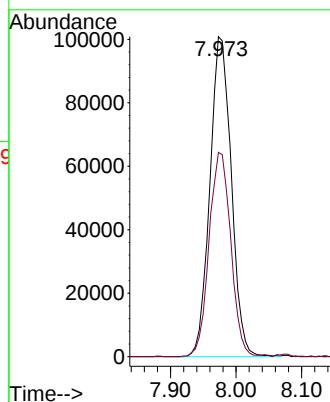
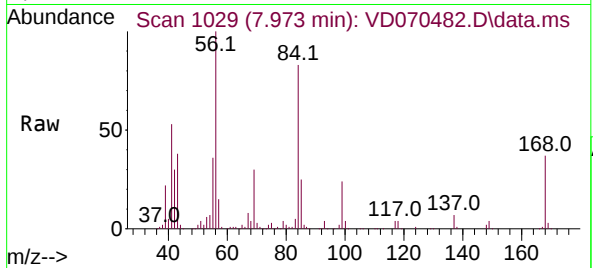




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

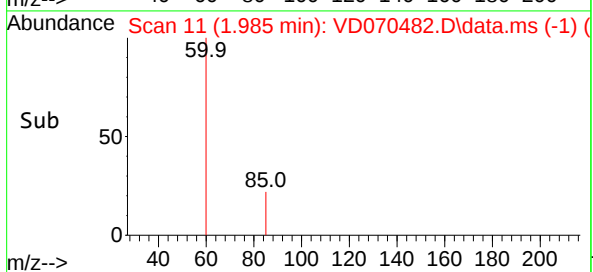
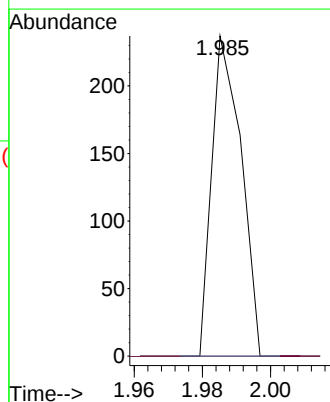
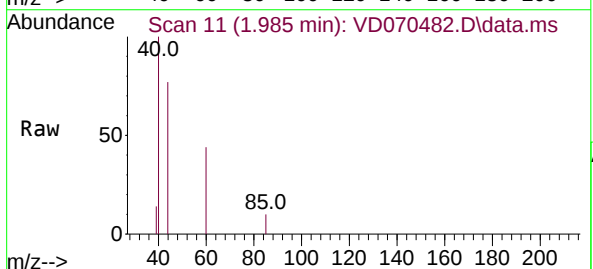
Instrument :
MSVOA_D
ClientSampleId :
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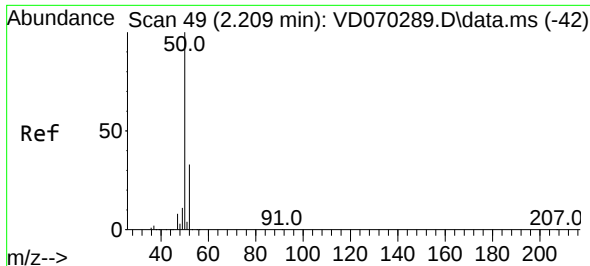
Tgt Ion:168 Resp: 228641
Ion Ratio Lower Upper
168 100
99 63.8 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion: 85 Resp: 142
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

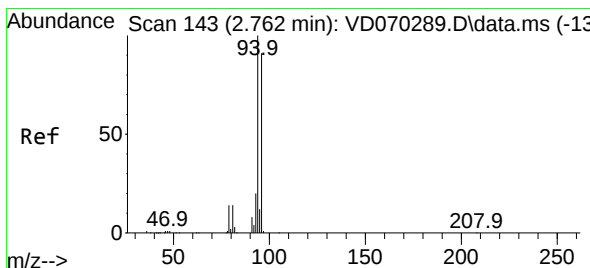
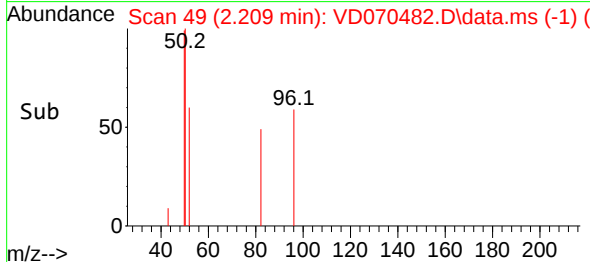
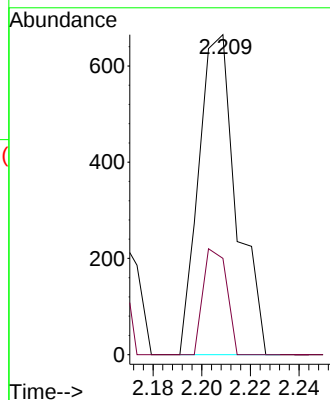
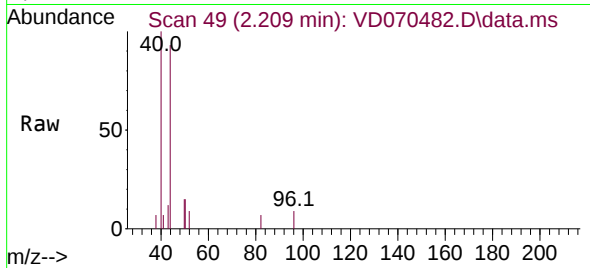




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

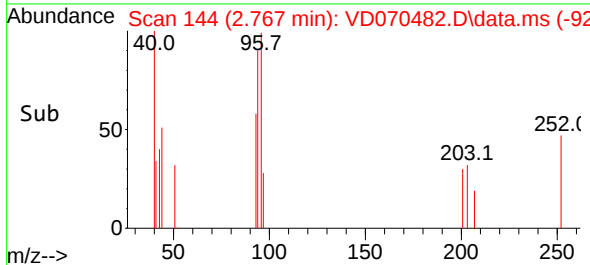
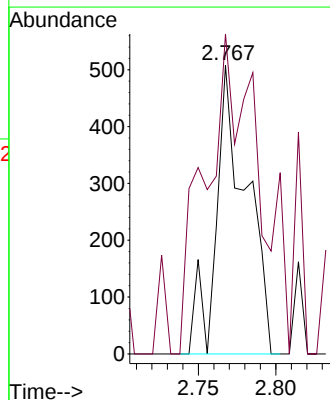
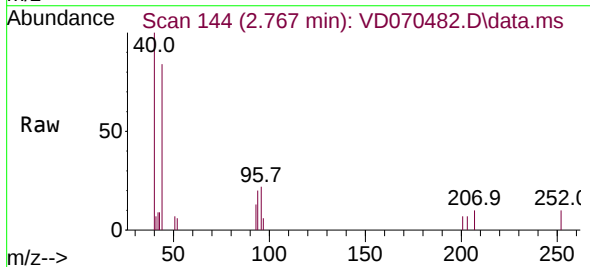
Instrument :
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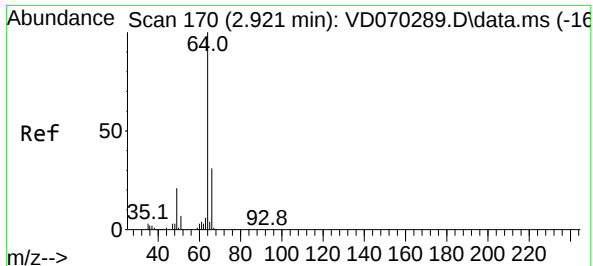
Tgt Ion: 50 Resp: 718
Ion Ratio Lower Upper
50 100
52 30.1 26.2 39.2



#5
Bromomethane
Concen: Below Cal
RT: 2.767 min Scan# 144
Delta R.T. 0.005 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion: 94 Resp: 693
Ion Ratio Lower Upper
94 100
96 110.8 73.0 109.6#

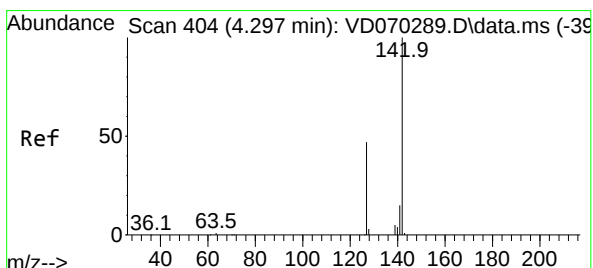
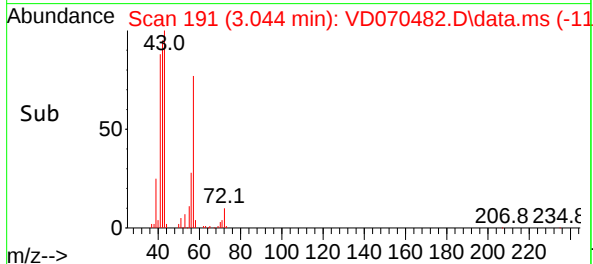
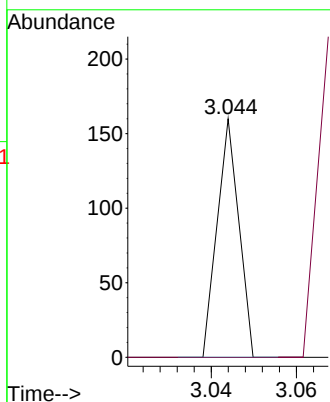
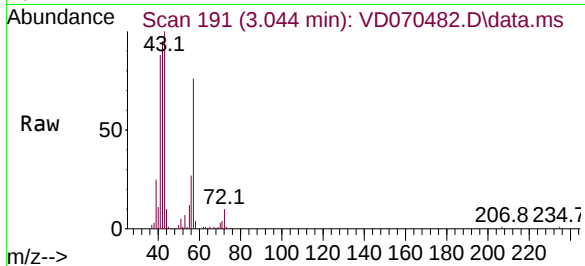




#6
Chloroethane
Concen: Below Cal
RT: 3.044 min Scan# 191
Delta R.T. 0.123 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

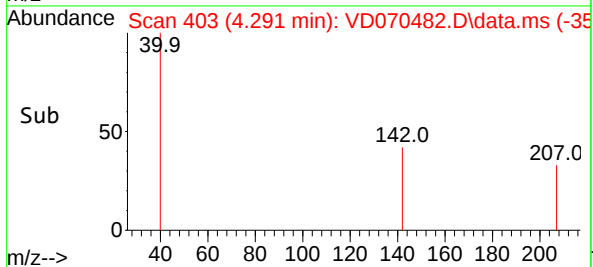
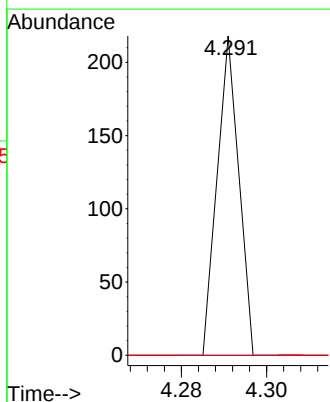
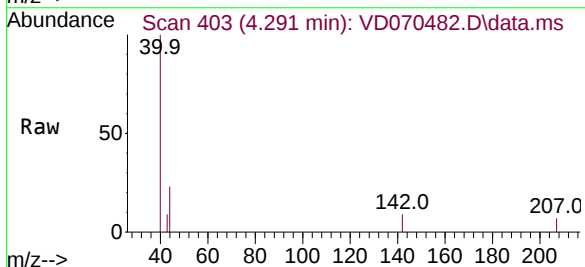
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SUP-UST-03-(8-10)

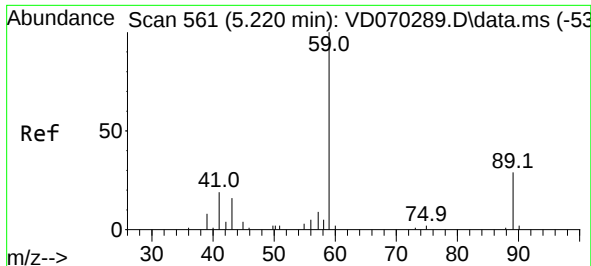
Tgt Ion: 64 Resp: 56
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.056 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion:142 Resp: 77
Ion Ratio Lower Upper
142 100
127 0.0 36.9 55.3#
141 0.0 11.8 17.6#

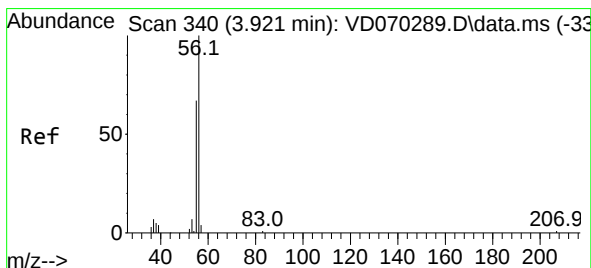
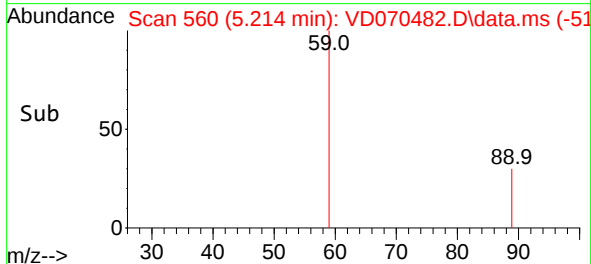
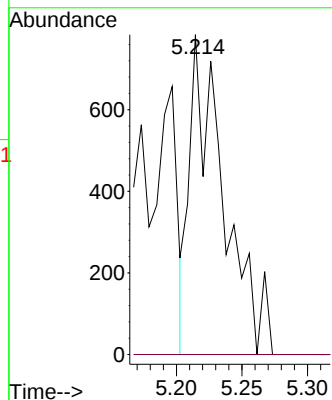
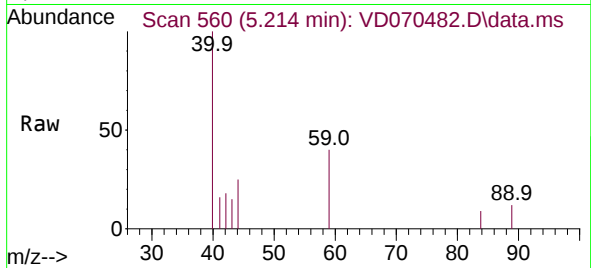




#11
Tert butyl alcohol
Concen: 4.275 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

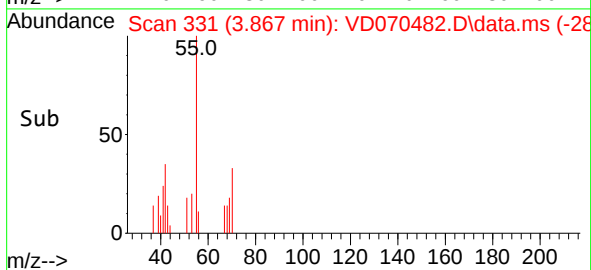
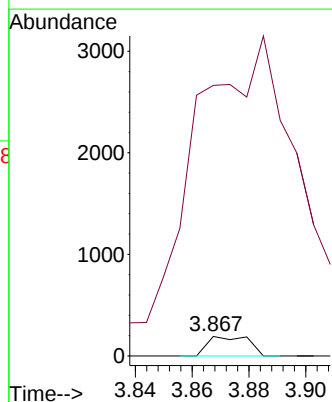
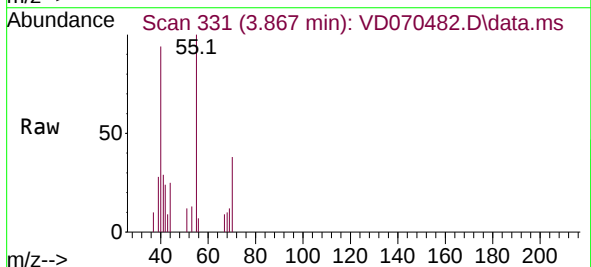
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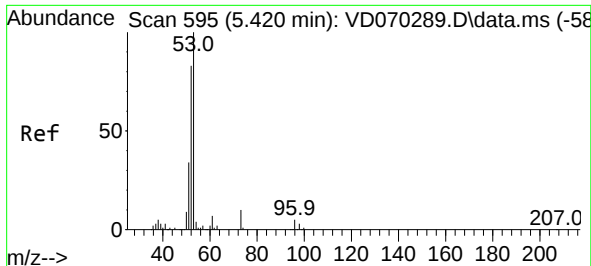
Tgt Ion: 59 Resp: 1419
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#13
Acrolein
Concen: 1.302 ug/l
RT: 3.867 min Scan# 331
Delta R.T. -0.053 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion: 56 Resp: 190
Ion Ratio Lower Upper
56 100
55 4351.1 54.2 81.2#

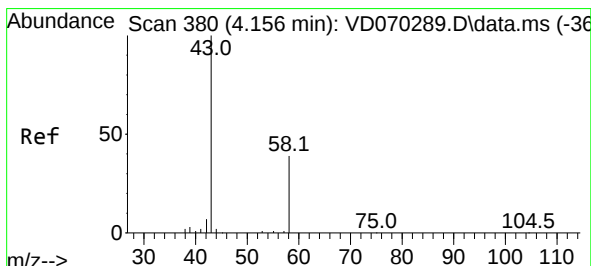
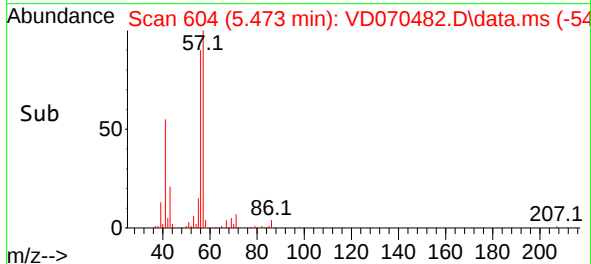
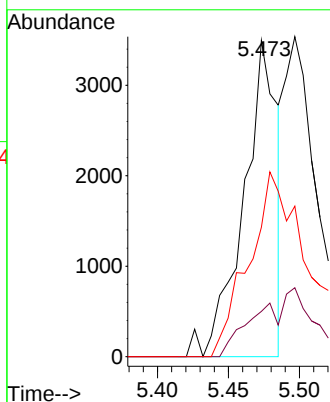
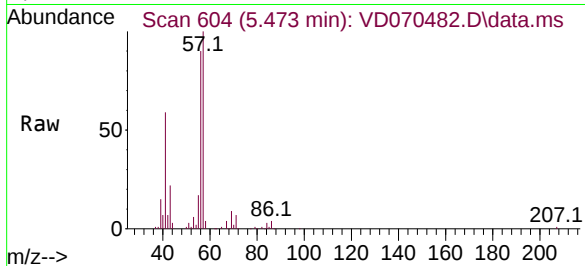




#15
Acrylonitrile
Concen: 9.205 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.053 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

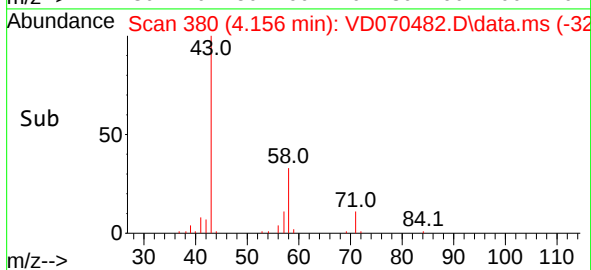
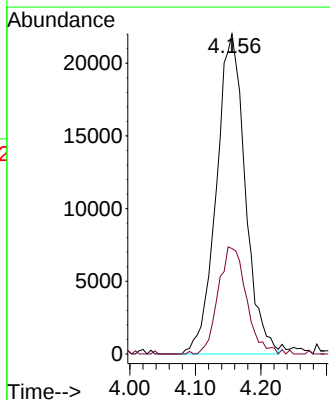
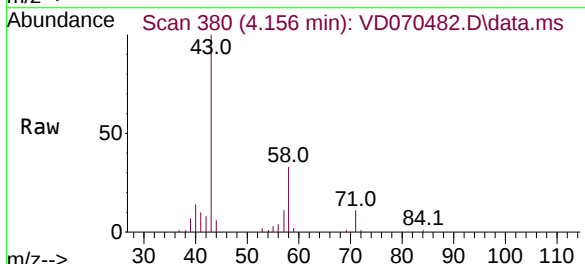
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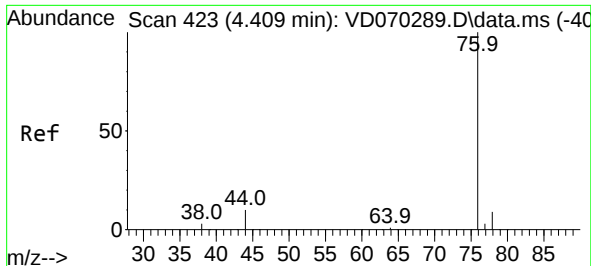
Tgt Ion: 53 Resp: 5769
Ion Ratio Lower Upper
53 100
52 0.0 64.6 97.0#
51 105.2 27.8 41.8#



#16
Acetone
Concen: 128.421 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion: 43 Resp: 67311
Ion Ratio Lower Upper
43 100
58 32.9 30.9 46.3

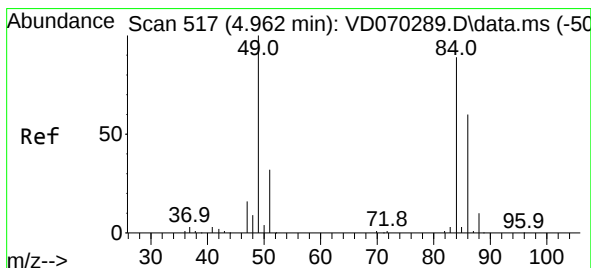
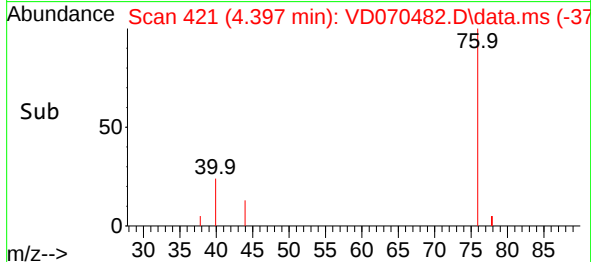
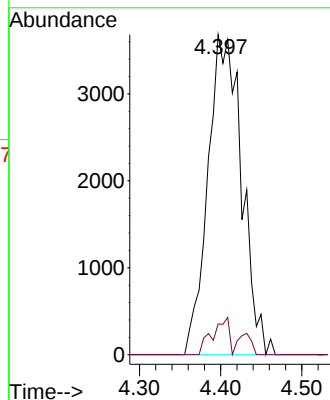
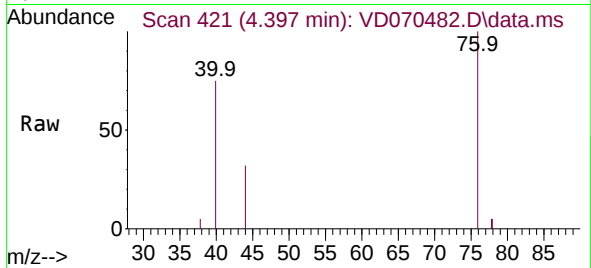




#17
Carbon Disulfide
Concen: 1.082 ug/l
RT: 4.397 min Scan# 421
Delta R.T. -0.012 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

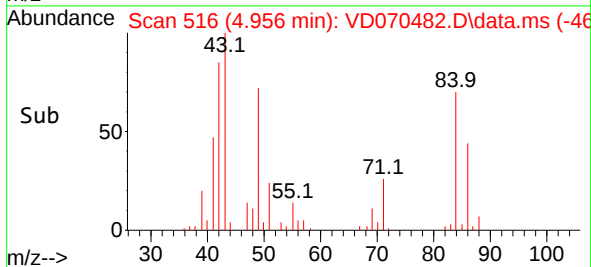
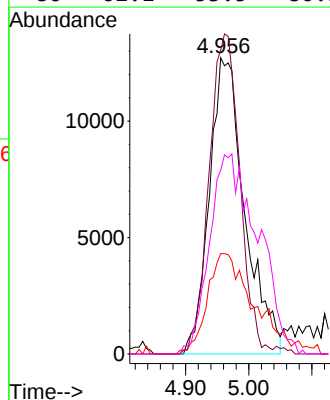
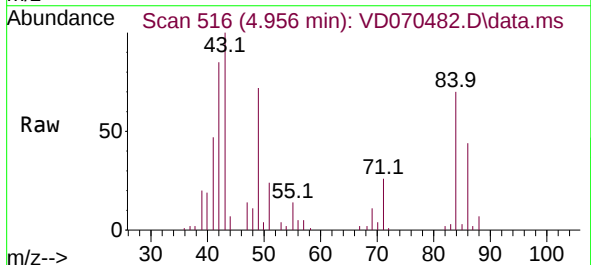
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-03-(8-10)

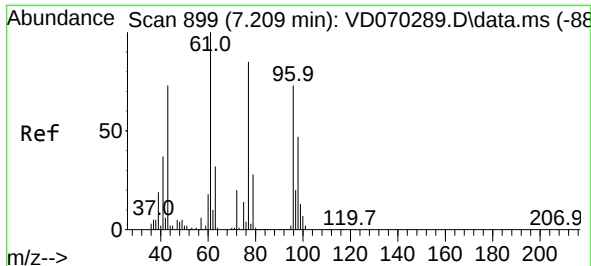
Tgt Ion: 76 Resp: 10627
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



#20
Methylene Chloride
Concen: 9.260 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion: 84 Resp: 49578
Ion Ratio Lower Upper
84 100
49 102.6 89.6 134.4
51 32.7 28.6 43.0
86 62.1 53.5 80.3

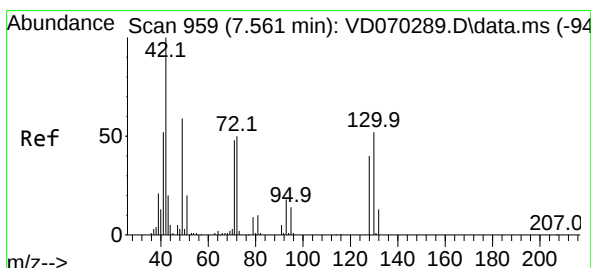
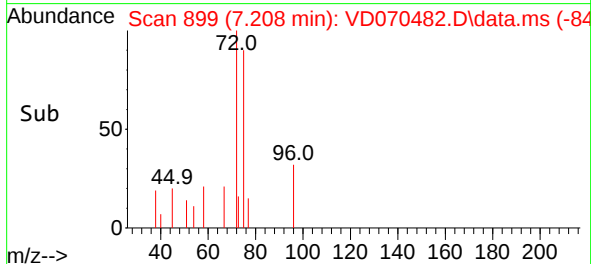
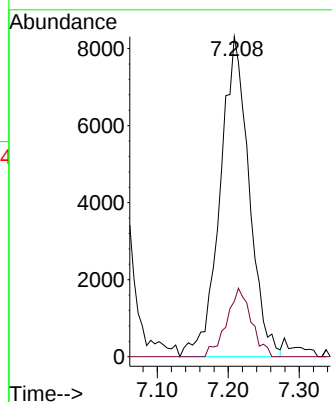
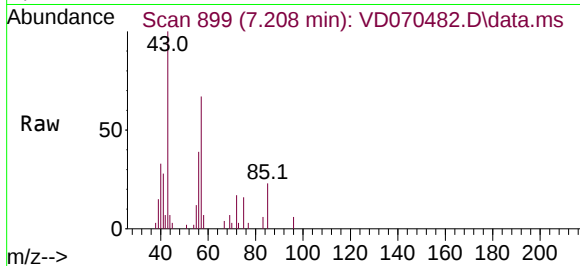




#25
2-Butanone
Concen: 33.806 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

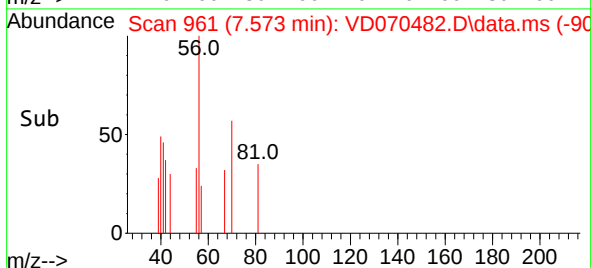
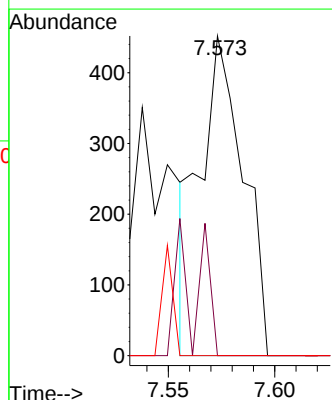
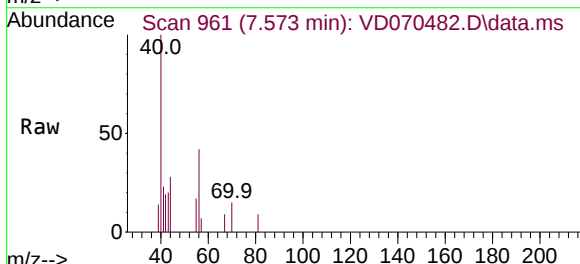
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-03-(8-10)

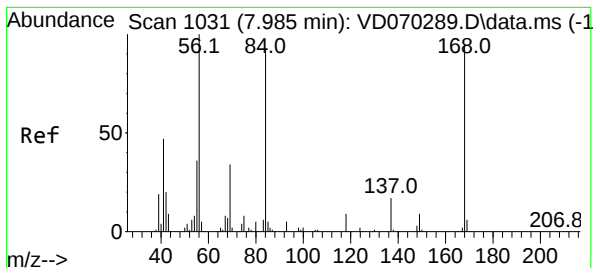
Tgt Ion: 43 Resp: 23587
Ion Ratio Lower Upper
43 100
72 17.3 22.2 33.4#



#29
Tetrahydrofuran
Concen: 1.422 ug/l
RT: 7.573 min Scan# 961
Delta R.T. 0.012 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion: 42 Resp: 637
Ion Ratio Lower Upper
42 100
72 21.0 38.8 58.2#
71 0.0 37.8 56.6#

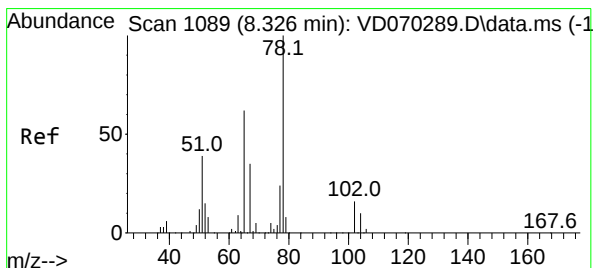
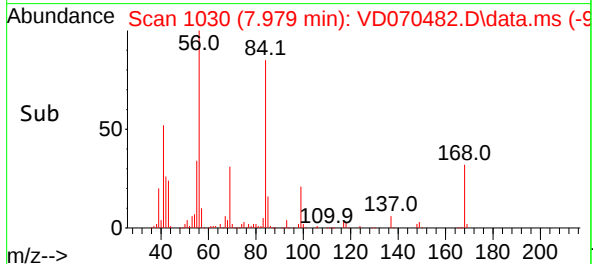
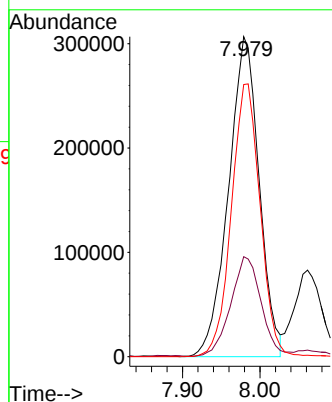
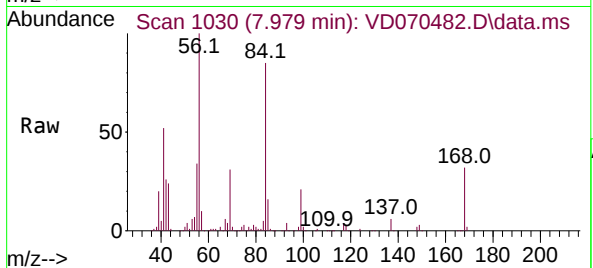




#31
Cyclohexane
Concen: 166.984 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

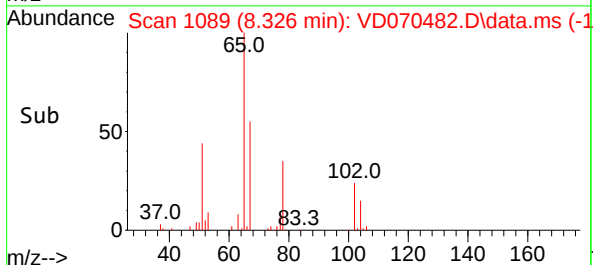
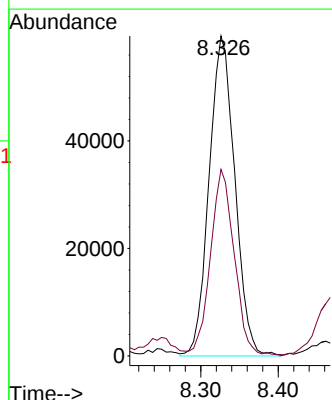
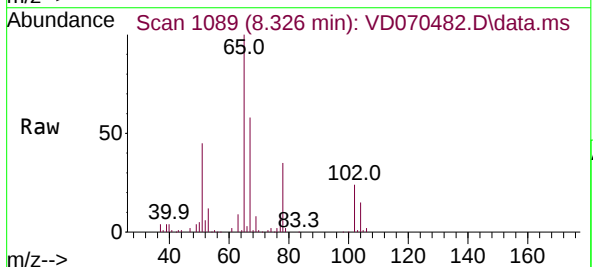
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-03-(8-10)

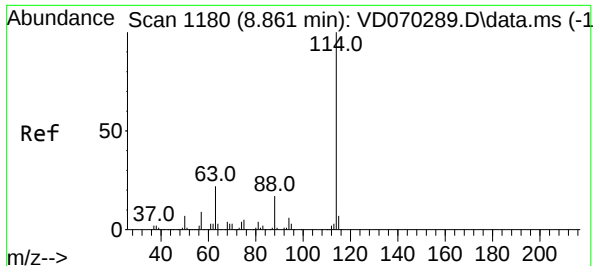
Tgt Ion: 56 Resp: 844465
Ion Ratio Lower Upper
56 100
69 31.0 26.9 40.3
84 85.0 73.6 110.4



#33
1,2-Dichloroethane-d4
Concen: 46.806 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion: 65 Resp: 137414
Ion Ratio Lower Upper
65 100
67 53.3 0.0 111.4



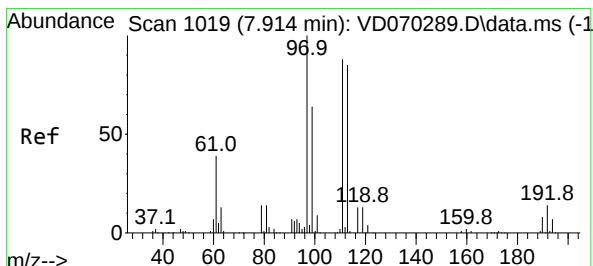
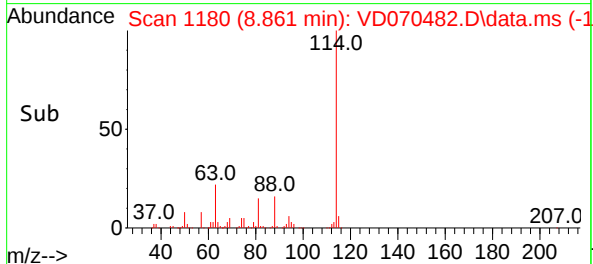
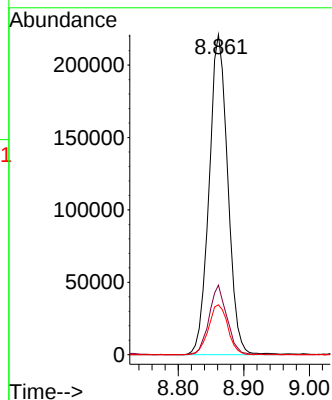
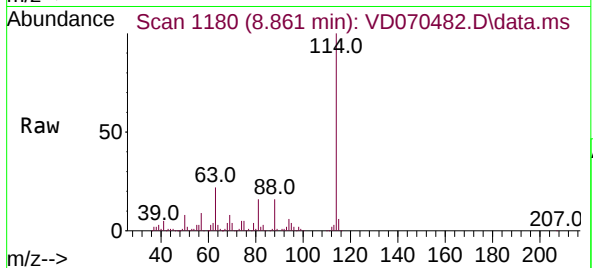


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-03-(8-10)

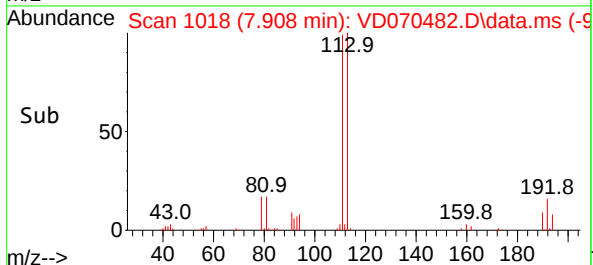
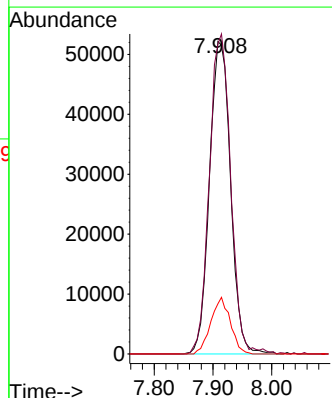
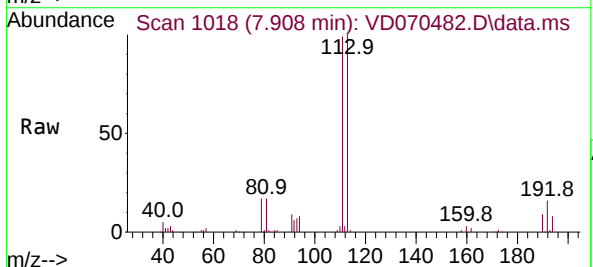
Tgt Ion:114 Resp: 436744
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.4
88 15.6 0.0 33.4

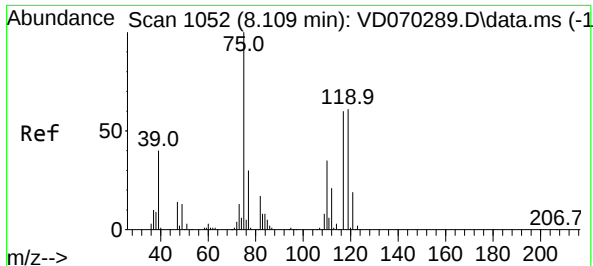


#35

Dibromofluoromethane
Concen: 41.795 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion:113 Resp: 129931
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.2
192 16.8 13.0 19.6

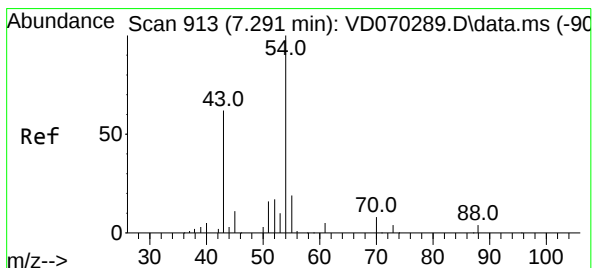
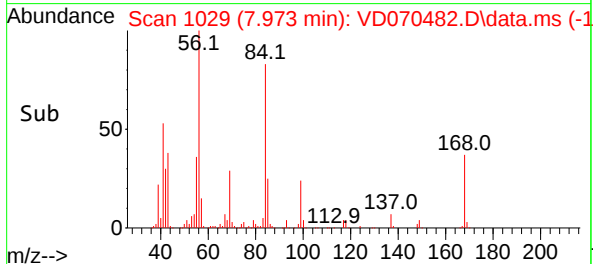
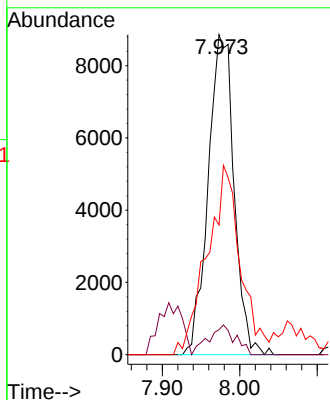
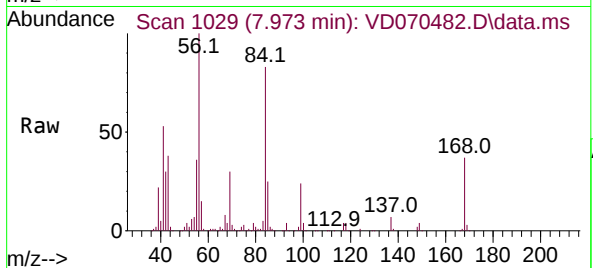




#36
1,1-Dichloropropene
Concen: 4.401 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

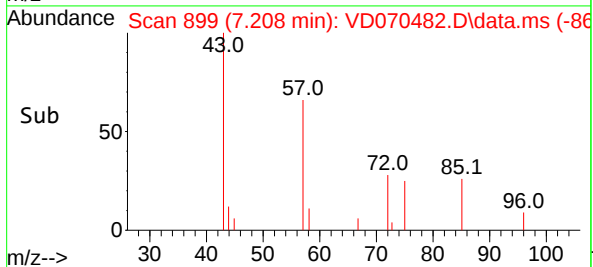
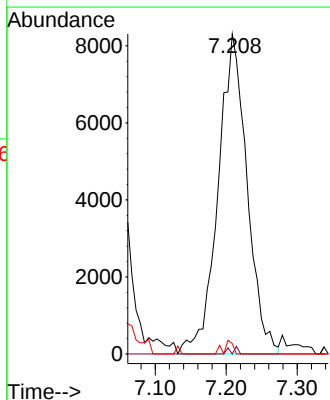
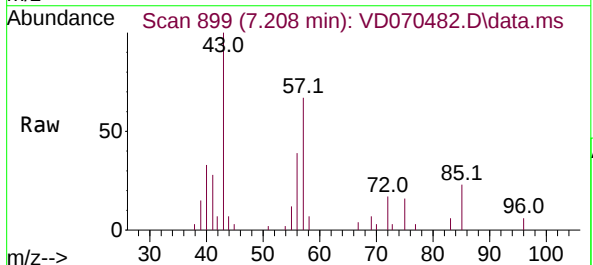
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-03-(8-10)

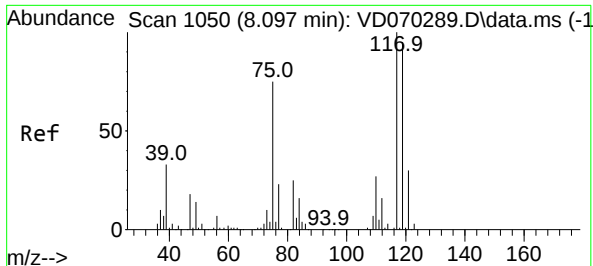
Tgt Ion:	75	Resp:	20545
Ion Ratio	Lower	Upper	
75	100		
110	9.6	17.9	53.7#
77	75.9	25.3	37.9#



#37
Ethyl Acetate
Concen: 13.512 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.083 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion:	43	Resp:	23587
Ion Ratio	Lower	Upper	
43	100		
61	0.2	13.0	19.6#
70	0.0	9.8	14.6#

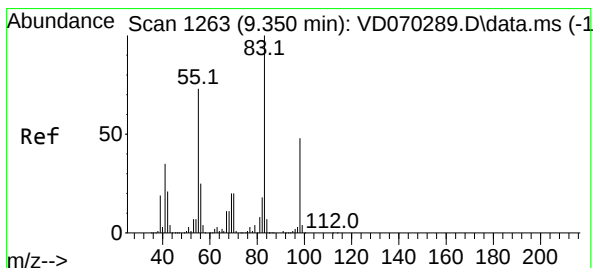
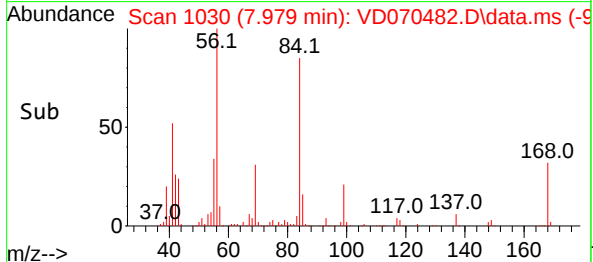
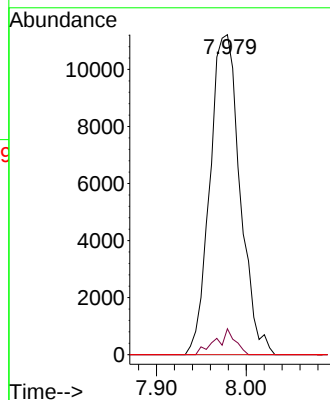
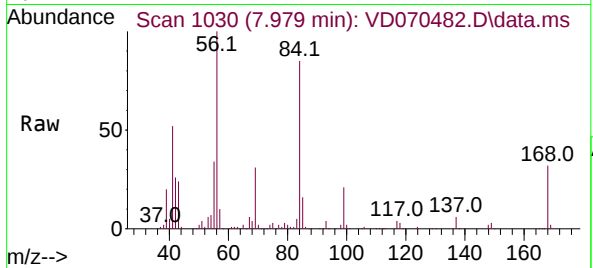




#38
Carbon Tetrachloride
Concen: 5.661 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

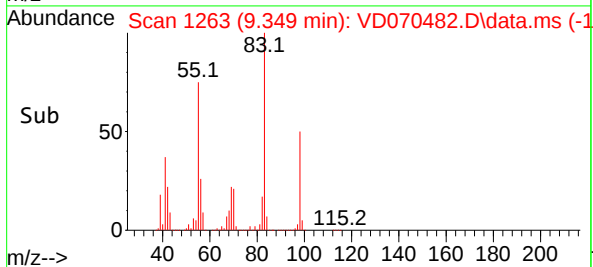
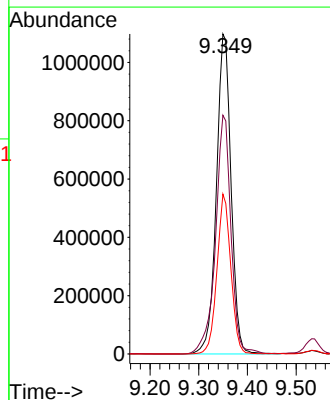
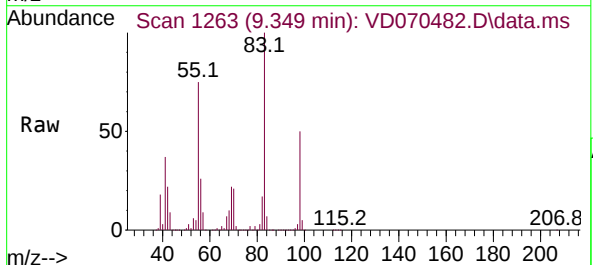
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-03-(8-10)

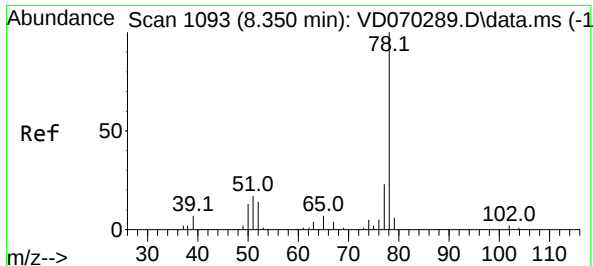
Tgt Ion:117 Resp: 26136
Ion Ratio Lower Upper
117 100
119 8.1 76.1 114.1#
121 0.0 23.8 35.6#



#39
Methylcyclohexane
Concen: 440.877 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion: 83 Resp: 2299224
Ion Ratio Lower Upper
83 100
55 74.6 58.5 87.7
98 49.9 38.4 57.6

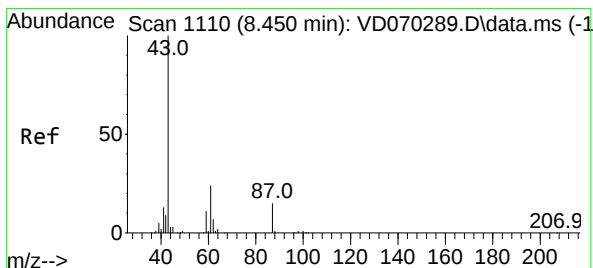
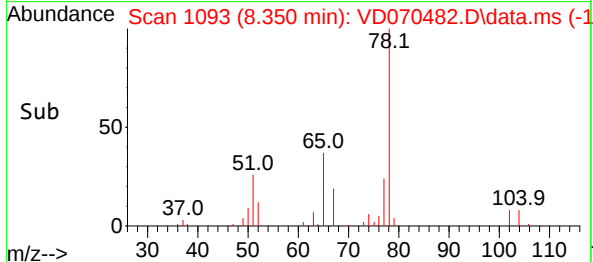
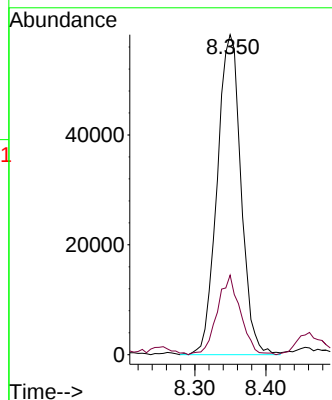
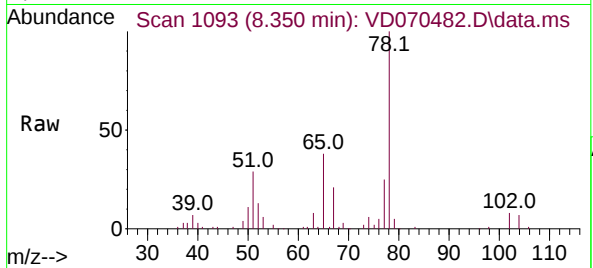




#40
Benzene
Concen: 9.917 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

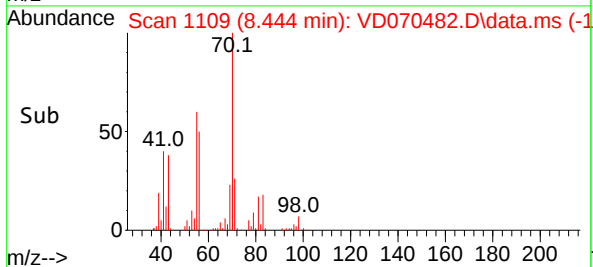
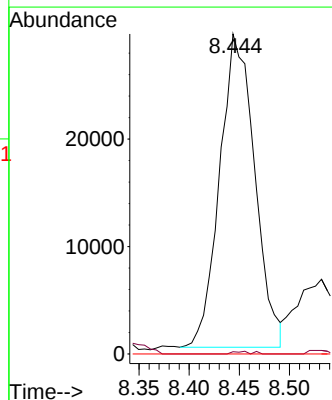
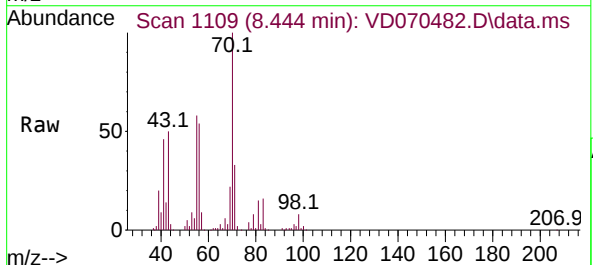
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-03-(8-10)

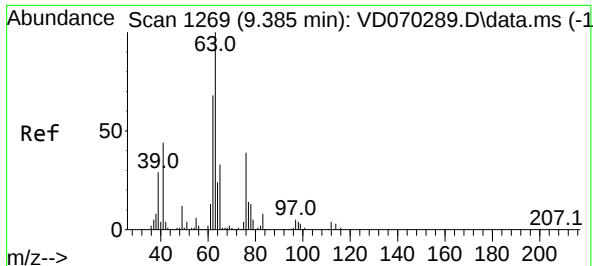
Tgt Ion: 78 Resp: 135669
Ion Ratio Lower Upper
78 100
77 24.5 18.4 27.6



#43
Isopropyl Acetate
Concen: 21.947 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion: 43 Resp: 70836
Ion Ratio Lower Upper
43 100
61 0.4 29.0 43.6#
87 0.0 12.8 19.2#



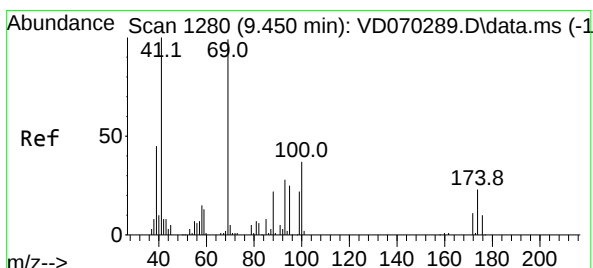
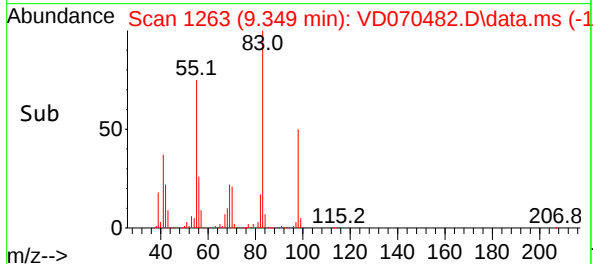
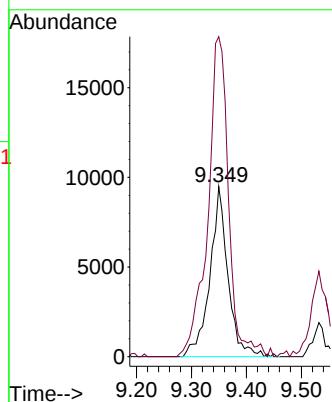
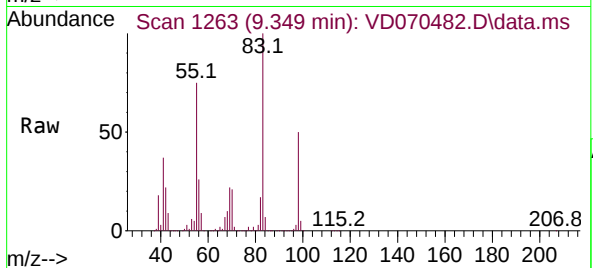


#45

1,2-Dichloropropane
Concen: 6.070 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.035 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-03-(8-10)

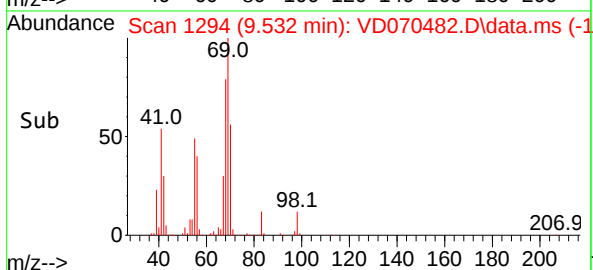
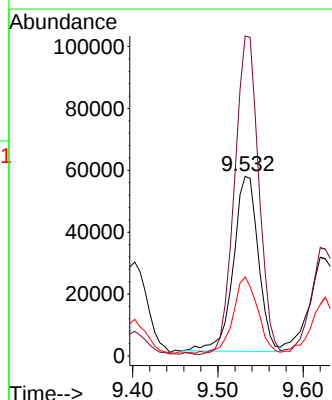
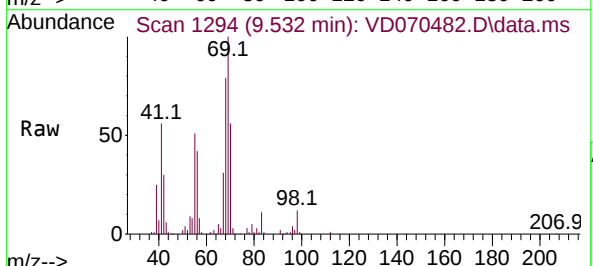
Tgt Ion: 63 Resp: 21786
Ion Ratio Lower Upper
63 100
65 186.4 26.2 39.2#

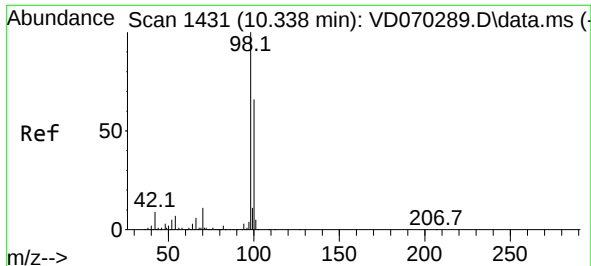


#48

Methyl methacrylate
Concen: 77.427 ug/l
RT: 9.532 min Scan# 1294
Delta R.T. 0.082 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion: 41 Resp: 115386
Ion Ratio Lower Upper
41 100
69 177.8 79.8 119.8#
39 44.2 34.4 51.6

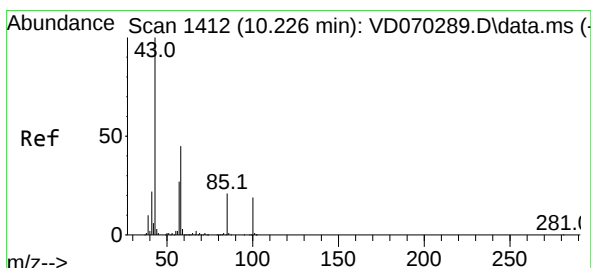
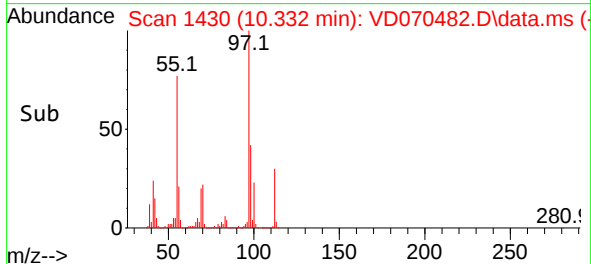
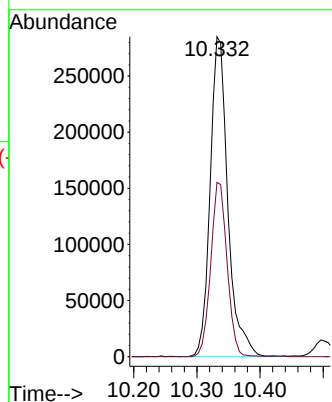
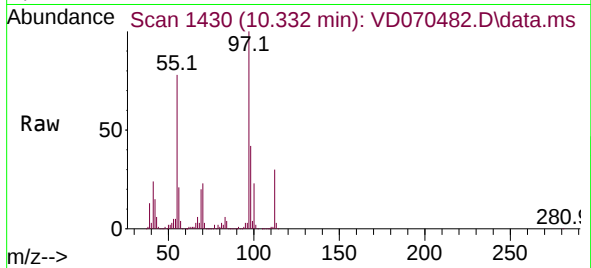




#50
Toluene-d8
Concen: 49.061 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

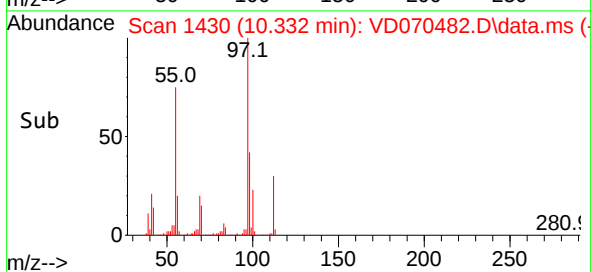
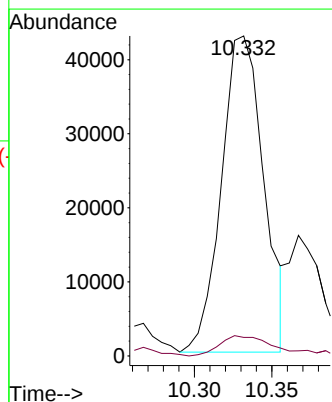
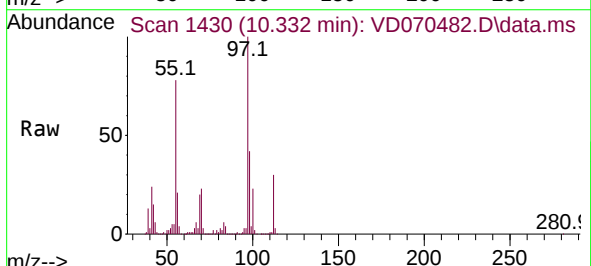
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-03-(8-10)

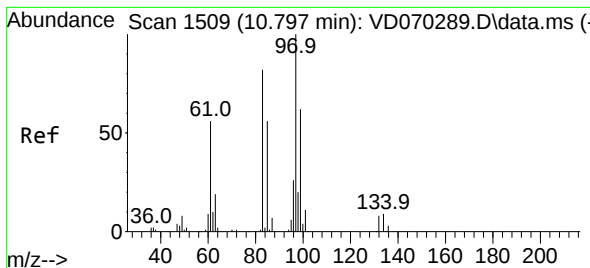
Tgt Ion: 98 Resp: 553761
Ion Ratio Lower Upper
98 100
100 50.3 52.0 78.0#



#51
4-Methyl-2-Pentanone
Concen: 48.584 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion: 43 Resp: 81144
Ion Ratio Lower Upper
43 100
58 8.7 35.4 53.2#

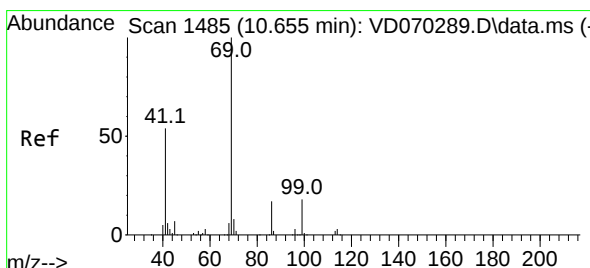
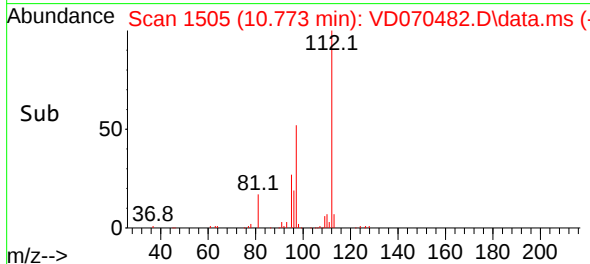
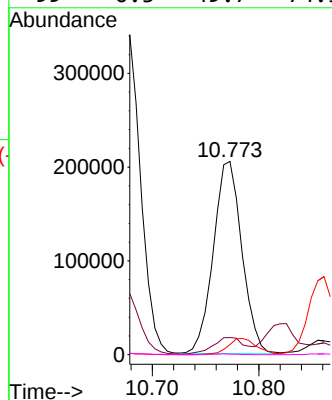
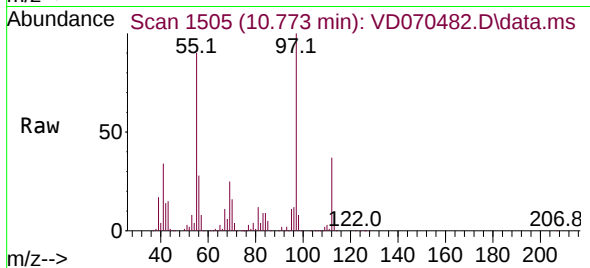




#55
1,1,2-Trichloroethane
Concen: 149.926 ug/l
RT: 10.773 min Scan# 1505
Delta R.T. -0.024 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

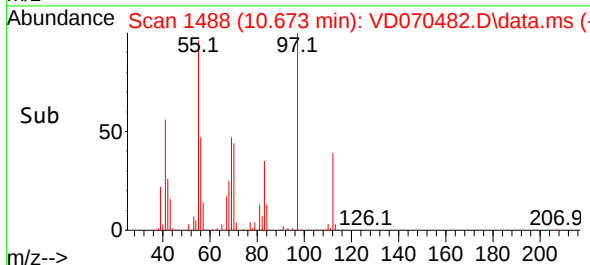
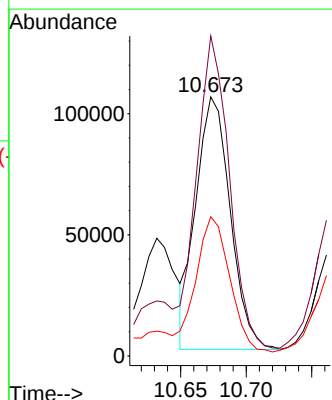
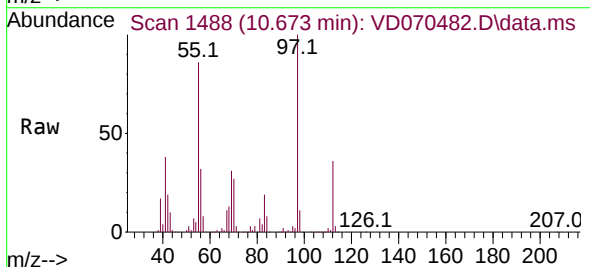
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-03-(8-10)

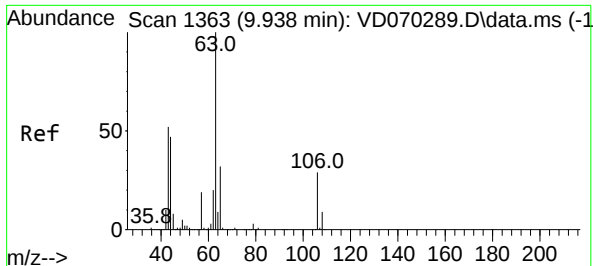
Tgt Ion:	97	Resp:	381198
Ion	Ratio	Lower	Upper
97	100		
83	8.6	65.3	97.9#
85	5.2	44.8	67.2#
99	0.3	49.7	74.5#



#56
Ethyl methacrylate
Concen: 68.680 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.018 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion:	69	Resp:	190630
Ion	Ratio	Lower	Upper
69	100		
41	118.4	43.6	65.4#
39	52.9	18.6	28.0#

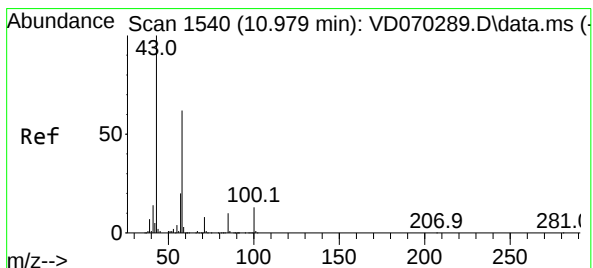
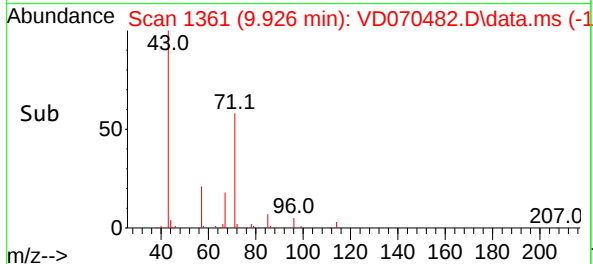
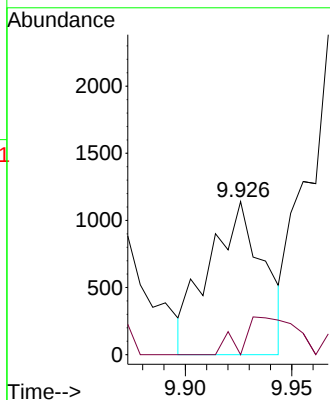
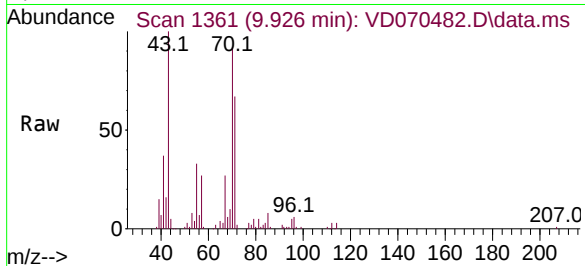




#58
2-Chloroethyl Vinyl ether
Concen: 1.520 ug/l
RT: 9.926 min Scan# 1361
Delta R.T. -0.012 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

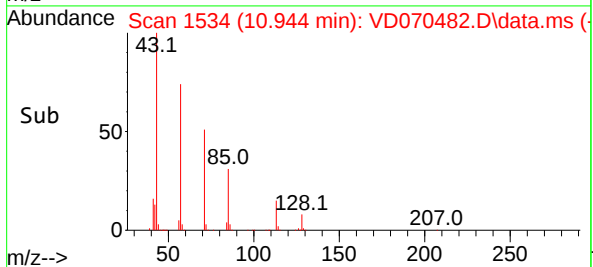
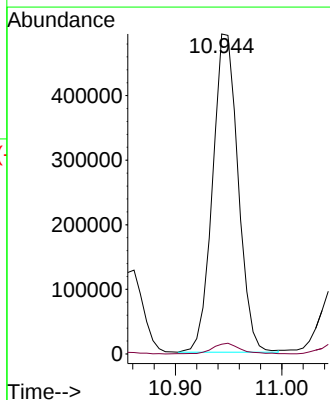
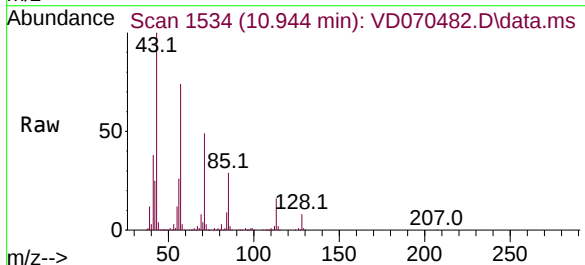
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-03-(8-10)

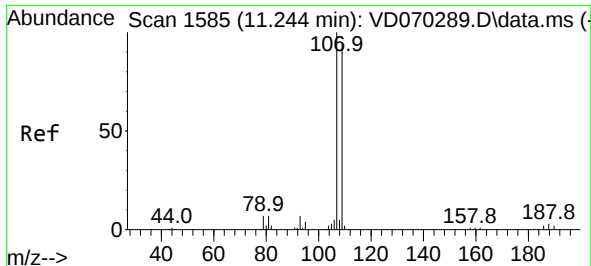
Tgt Ion: 63 Resp: 2034
Ion Ratio Lower Upper
63 100
106 26.5 22.3 33.5



#59
2-Hexanone
Concen: 735.915 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.035 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

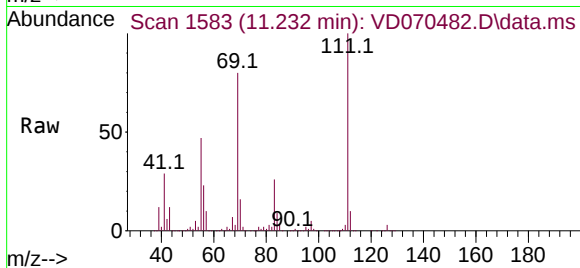
Tgt Ion: 43 Resp: 820058
Ion Ratio Lower Upper
43 100
58 3.8 30.6 91.6#



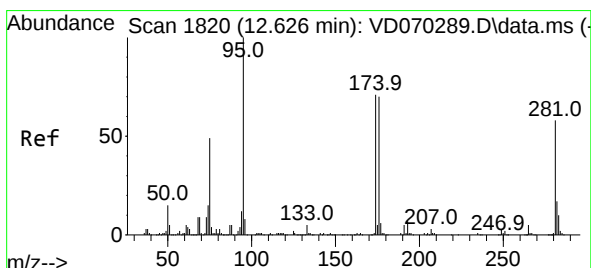
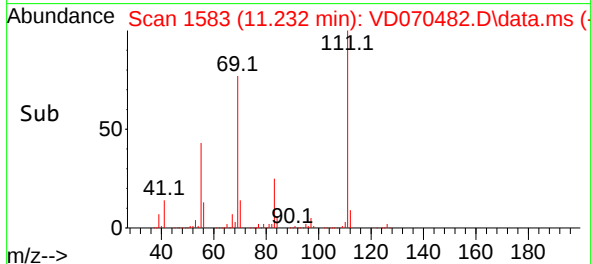
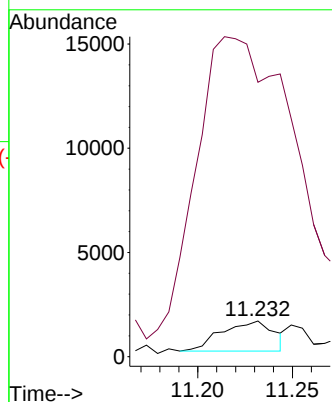


#61
1,2-Dibromoethane
Concen: 1.183 ug/l
RT: 11.232 min Scan# 1583
Delta R.T. -0.012 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-03-(8-10)

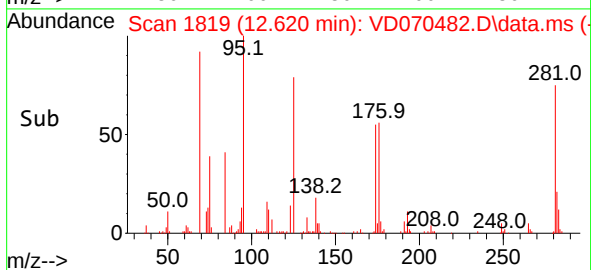
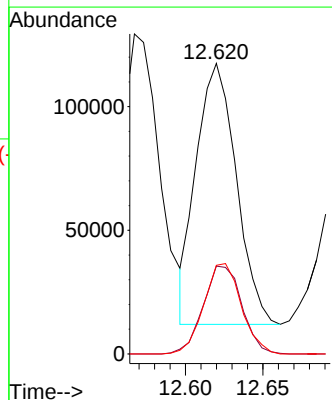
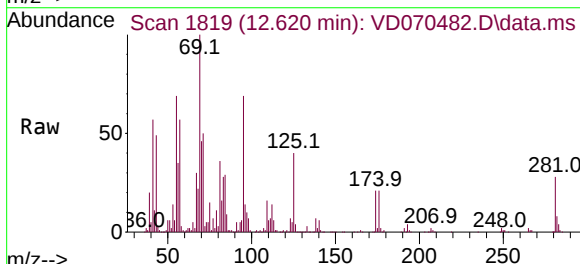


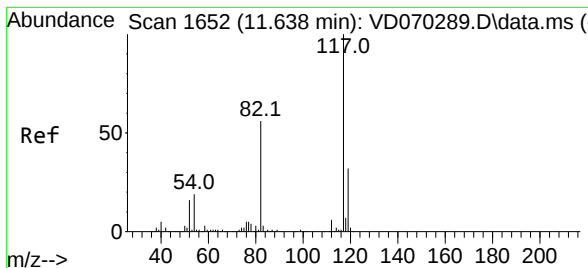
Tgt Ion:107 Resp: 2767
Ion Ratio Lower Upper
107 100
109 1899.6 75.6 113.4#



#62
4-Bromofluorobenzene
Concen: 47.967 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion: 95 Resp: 189218
Ion Ratio Lower Upper
95 100
174 32.6 0.0 140.6
176 32.4 0.0 137.4

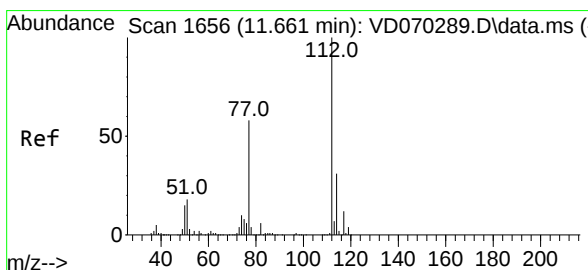
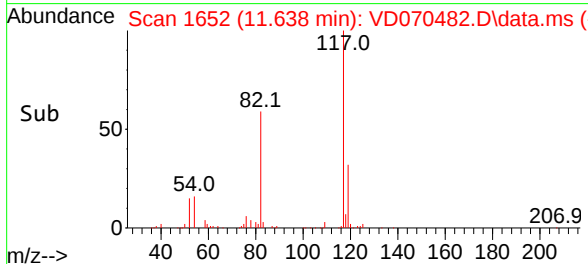
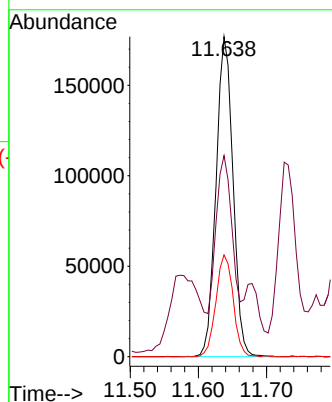
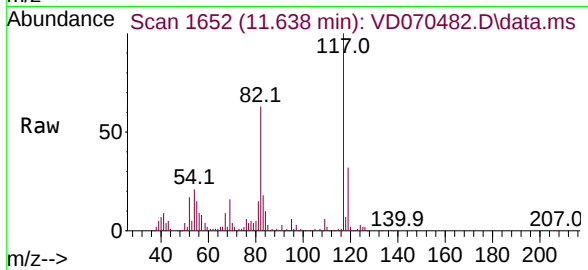




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

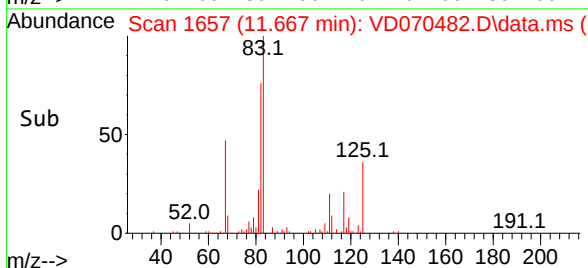
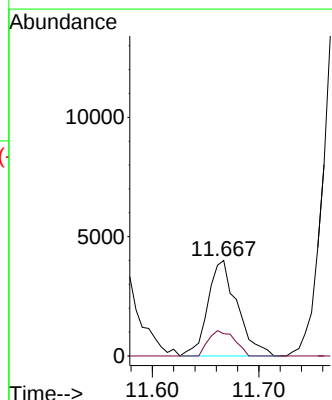
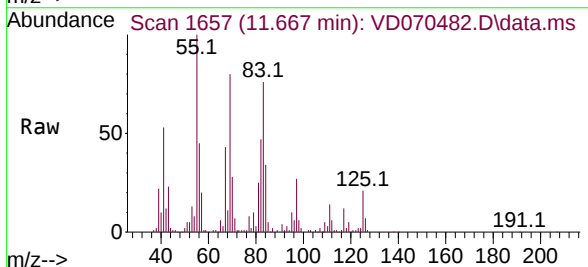
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-03-(8-10)

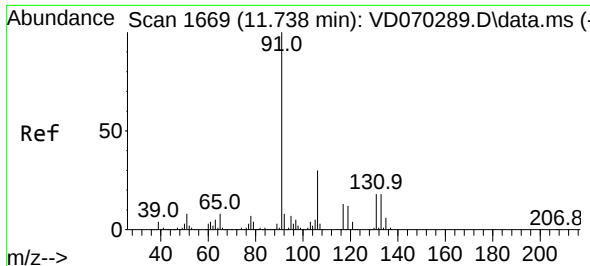
Tgt Ion:117 Resp: 306611
Ion Ratio Lower Upper
117 100
82 37.4 45.0 67.4#
119 31.8 25.2 37.8



#65
Chlorobenzene
Concen: 1.209 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.006 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion:112 Resp: 7682
Ion Ratio Lower Upper
112 100
114 23.3 24.7 37.1#

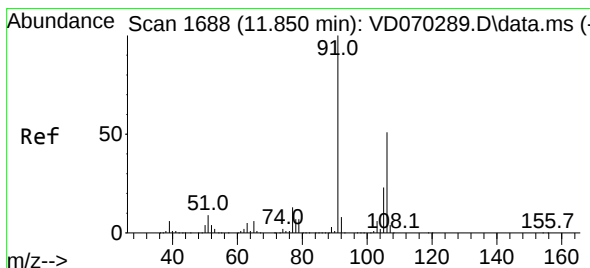
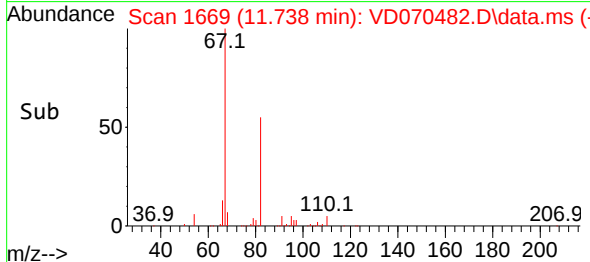
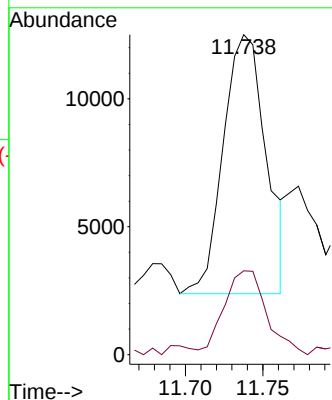
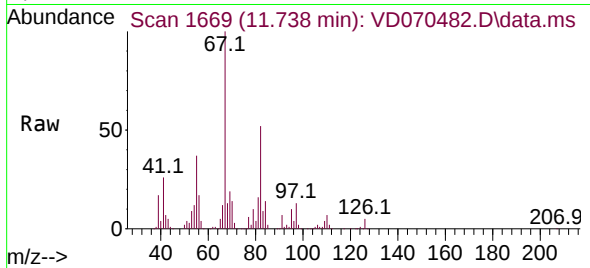




#67
Ethyl Benzene
Concen: 1.778 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

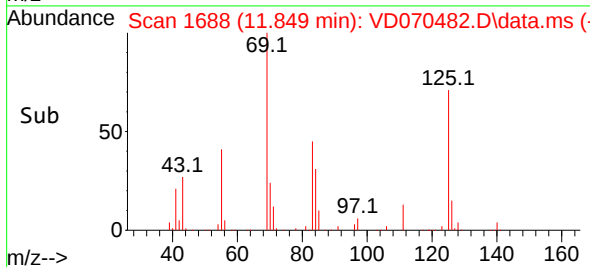
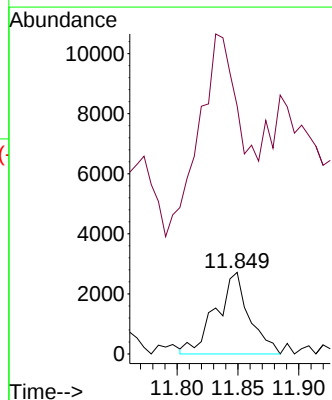
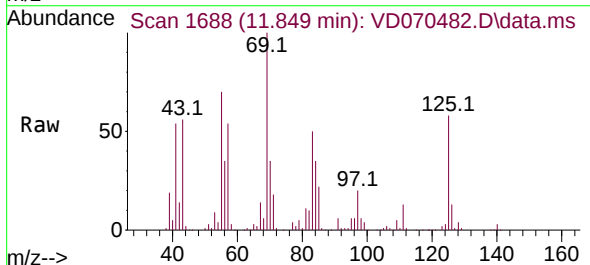
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-03-(8-10)

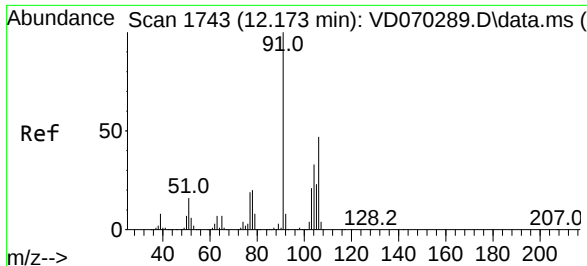
Tgt Ion: 91 Resp: 19476
Ion Ratio Lower Upper
91 100
106 29.0 24.2 36.2



#68
m/p-Xylenes
Concen: 1.217 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion: 106 Resp: 5147
Ion Ratio Lower Upper
106 100
91 319.3 161.2 241.8#

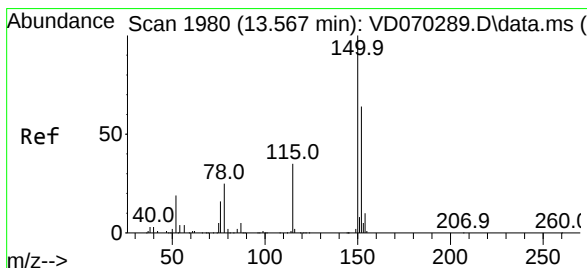
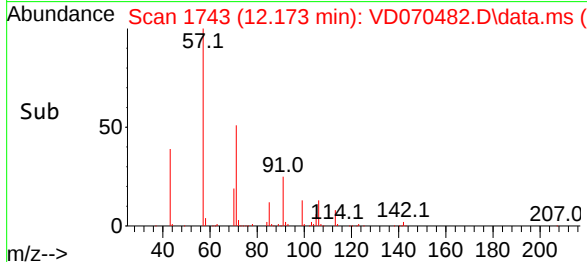
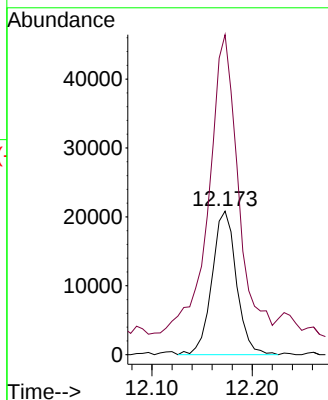
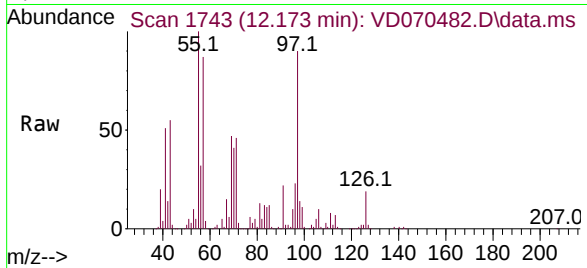




#69
o-Xylene
Concen: 9.281 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

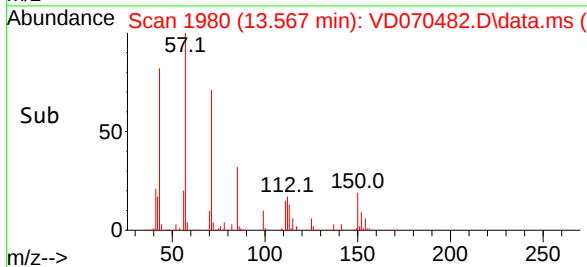
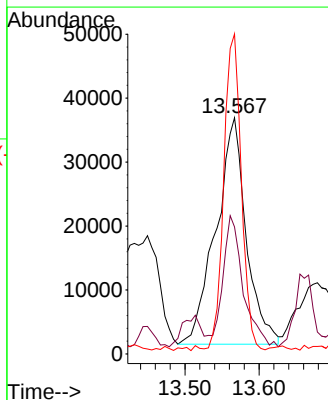
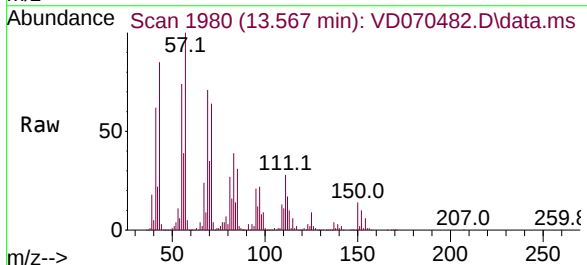
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-03-(8-10)

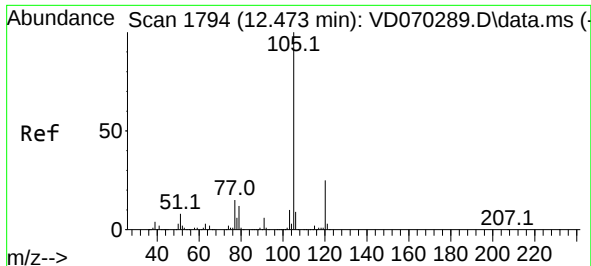
Tgt Ion:106 Resp: 35178
Ion Ratio Lower Upper
106 100
91 247.6 106.3 318.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion:152 Resp: 100813
Ion Ratio Lower Upper
152 100
115 38.0 32.1 96.3
150 80.1 0.0 350.6

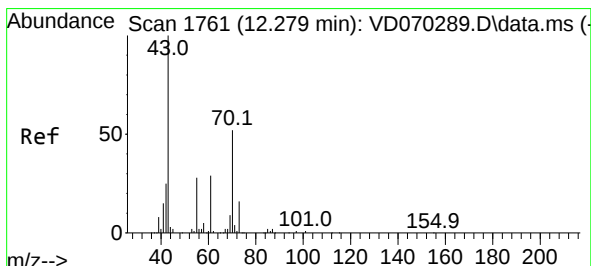
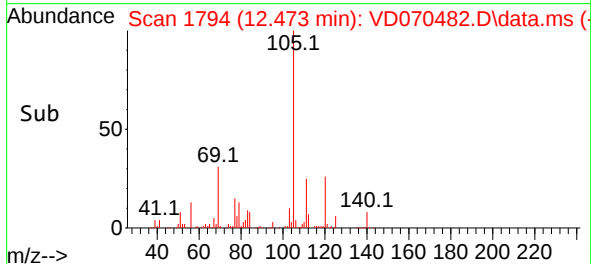
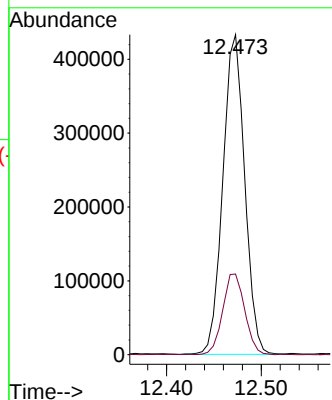
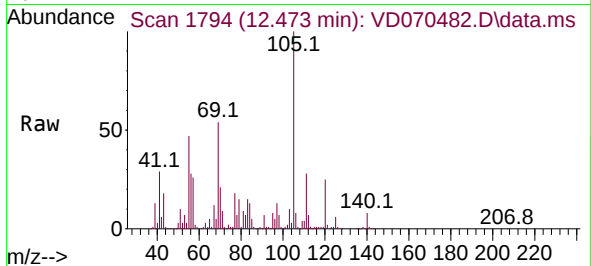




#73
Isopropylbenzene
Concen: 98.211 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

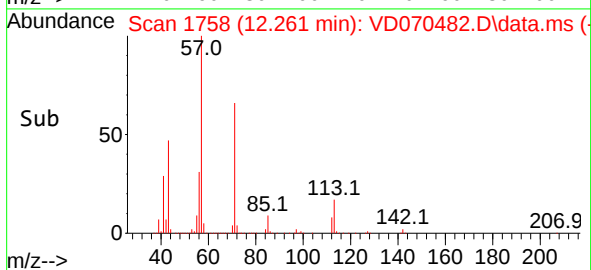
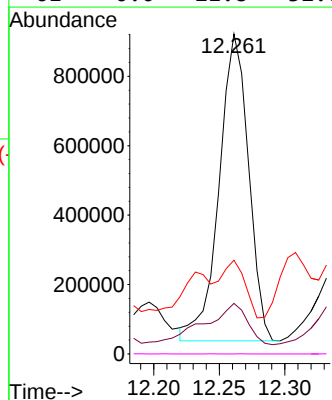
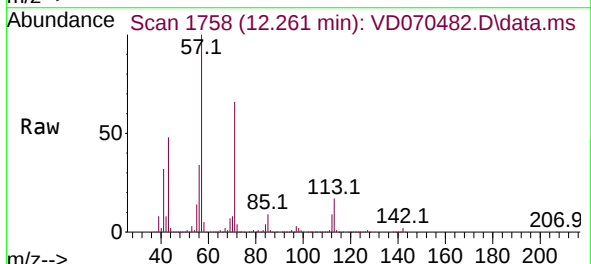
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-03-(8-10)

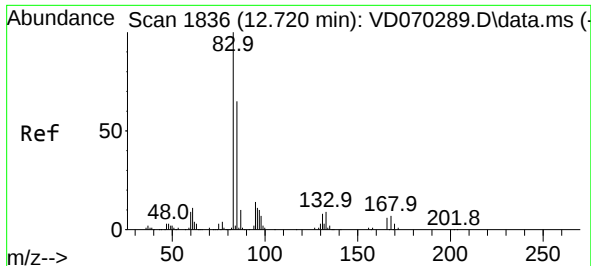
Tgt Ion:105 Resp: 694347
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9



#74
N-ethyl acetate
Concen: 895.347 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion: 43 Resp: 1379218
Ion Ratio Lower Upper
43 100
70 19.8 41.4 62.0#
55 12.8 22.8 34.2#
61 0.0 21.8 32.6#

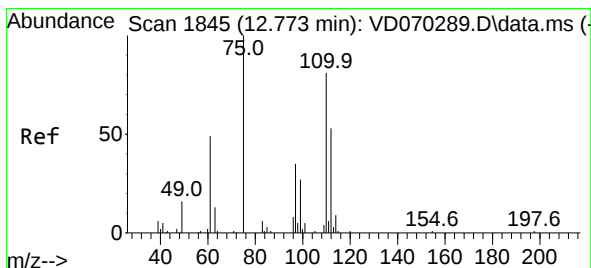
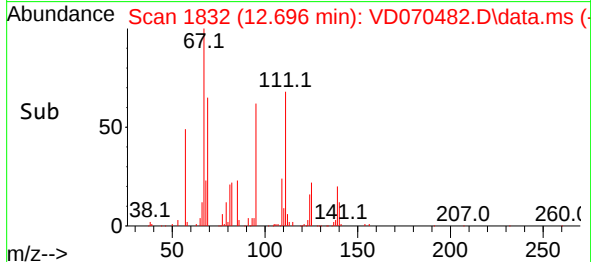
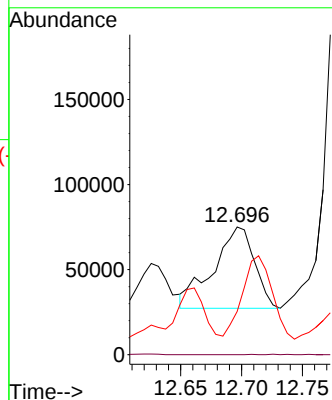
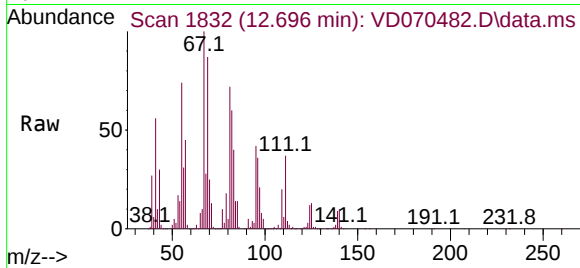




#75
 1,1,2,2-Tetrachloroethane
 Concen: 74.083 ug/l
 RT: 12.696 min Scan# 1832
 Delta R.T. -0.024 min
 Lab File: VD070482.D
 Acq: 27 Sep 2021 17:19

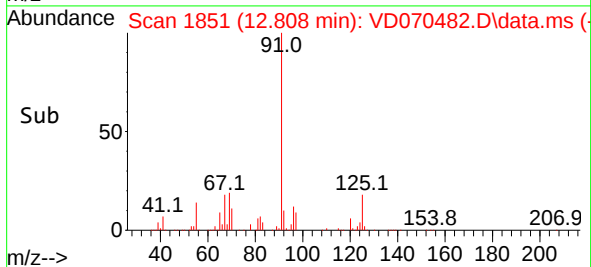
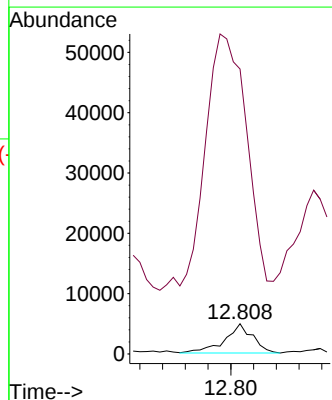
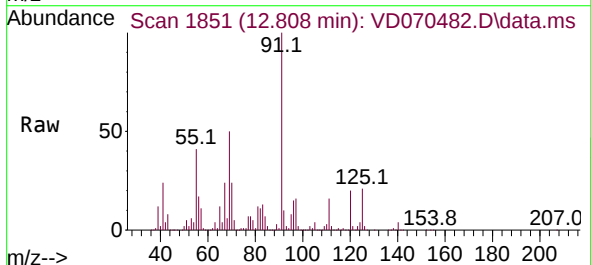
Instrument :
 MSVOA_D
 ClientSampleId :
 SUP-UST-03-(8-10)

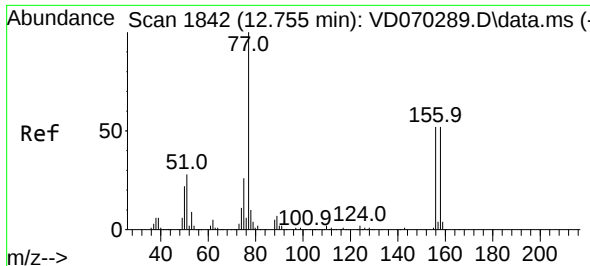
Tgt Ion: 83 Resp: 112178
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.8 14.4#
 85 73.4 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 8.059 ug/l
 RT: 12.808 min Scan# 1851
 Delta R.T. 0.035 min
 Lab File: VD070482.D
 Acq: 27 Sep 2021 17:19

Tgt Ion: 75 Resp: 8218
 Ion Ratio Lower Upper
 75 100
 77 1311.1 174.9 524.7#

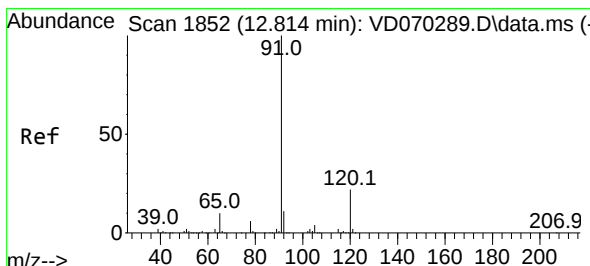
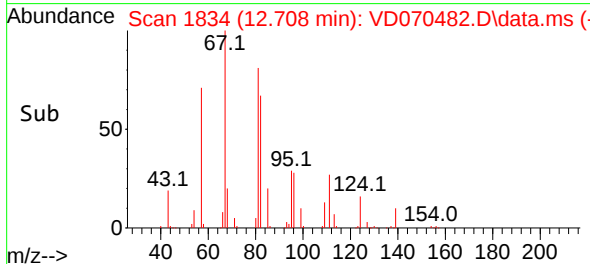
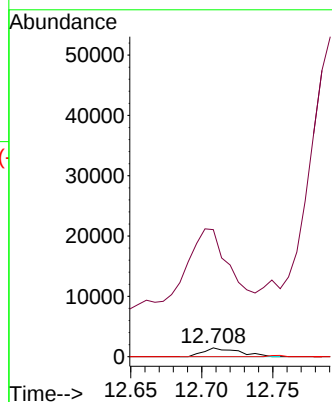
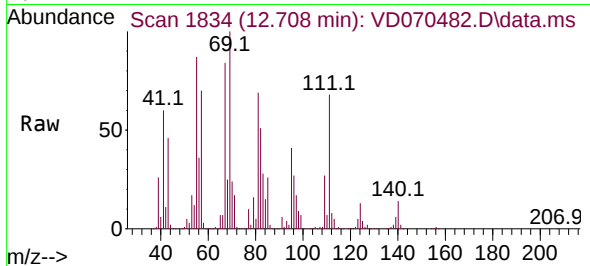




#77
Bromobenzene
Concen: 1.547 ug/l
RT: 12.708 min Scan# 1834
Delta R.T. -0.047 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

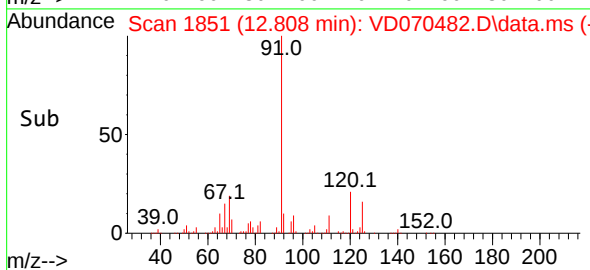
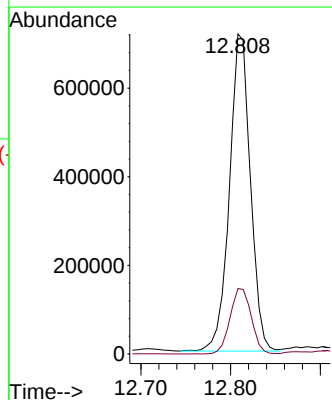
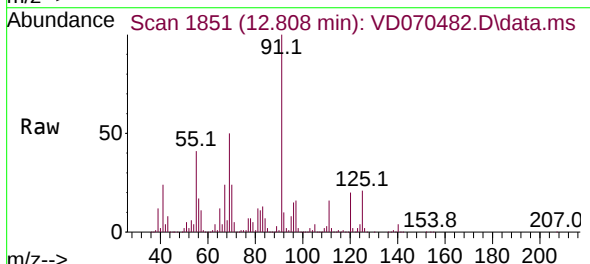
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-03-(8-10)

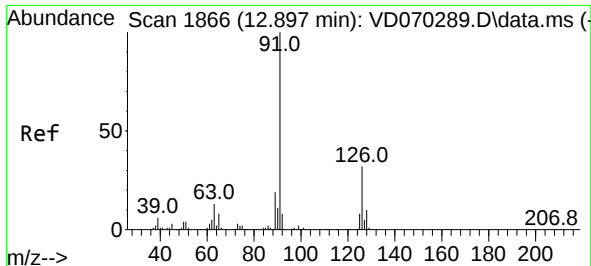
Tgt Ion:156 Resp: 2524
Ion Ratio Lower Upper
156 100
77 1222.0 104.3 312.8#
158 0.0 49.4 148.0#



#78
n-propylbenzene
Concen: 126.563 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion: 91 Resp: 1161359
Ion Ratio Lower Upper
91 100
120 20.9 11.0 33.0

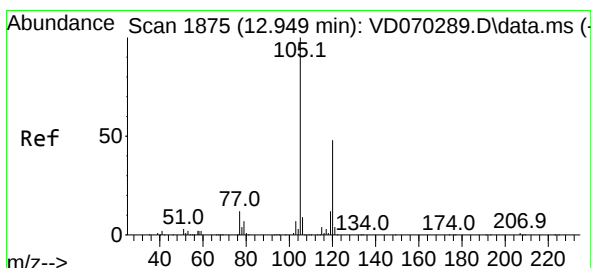
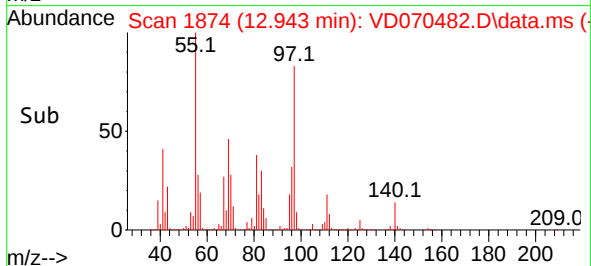
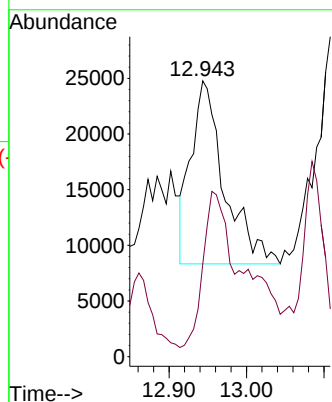
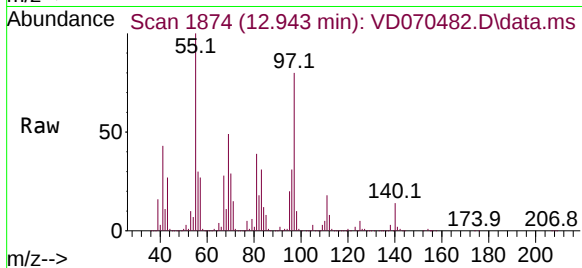




#79
2-Chlorotoluene
Concen: 9.227 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. 0.047 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

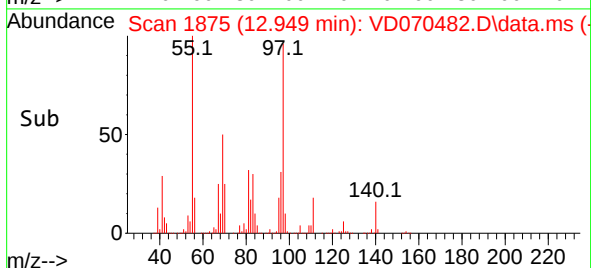
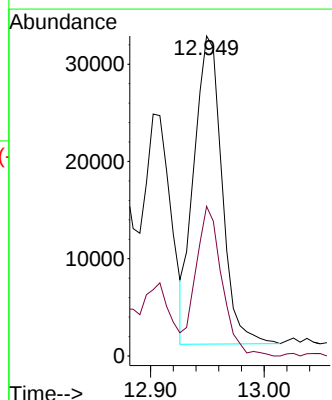
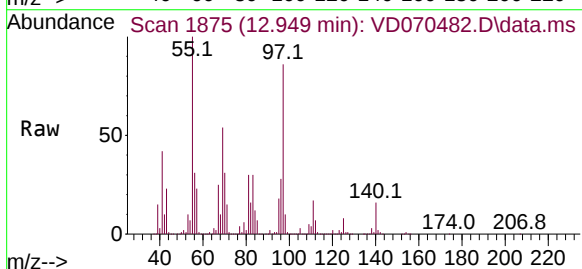
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-03-(8-10)

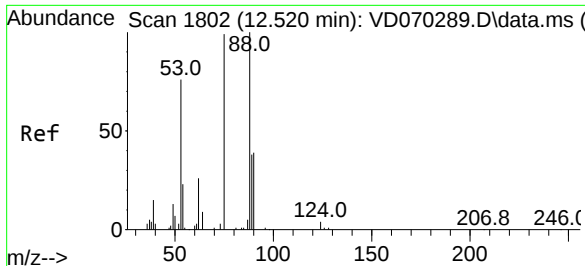
Tgt Ion: 91 Resp: 49352
Ion Ratio Lower Upper
91 100
126 107.8 16.2 48.6#



#80
1,3,5-Trimethylbenzene
Concen: 8.884 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion: 105 Resp: 54206
Ion Ratio Lower Upper
105 100
120 45.6 24.1 72.2

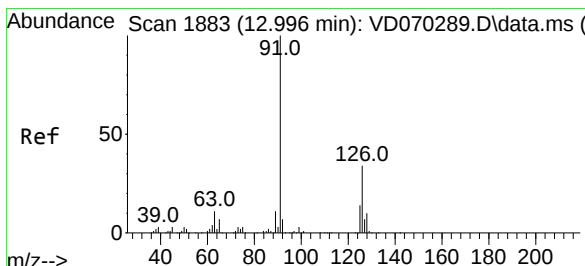
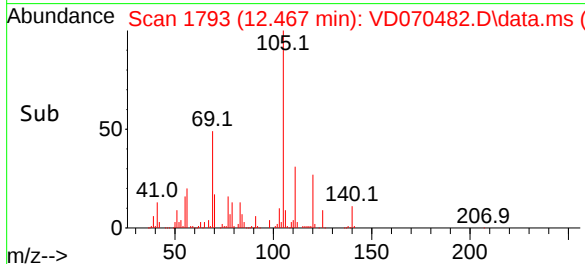
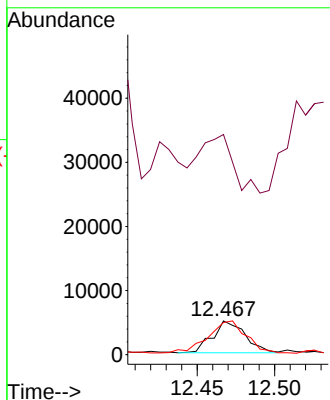
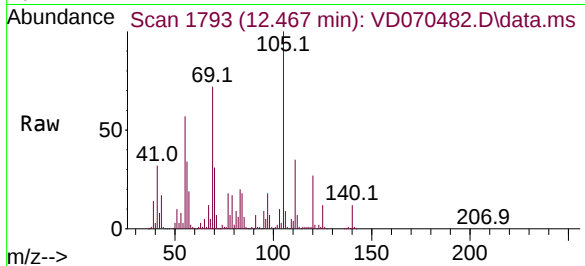




#81
trans-1,4-Dichloro-2-butene
Concen: 17.974 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.053 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

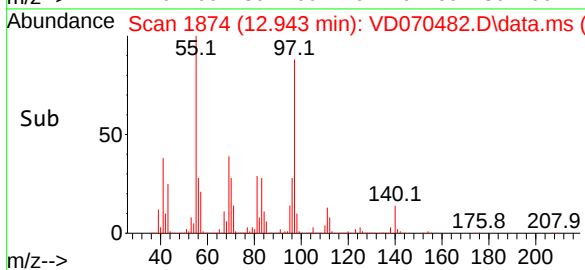
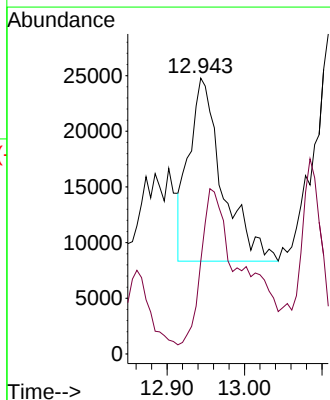
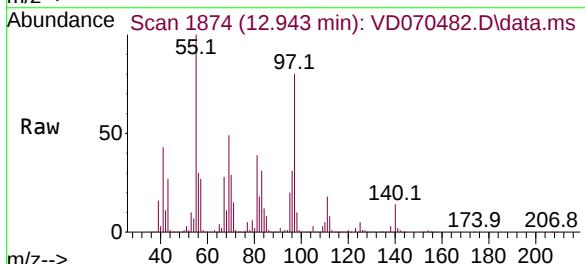
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-03-(8-10)

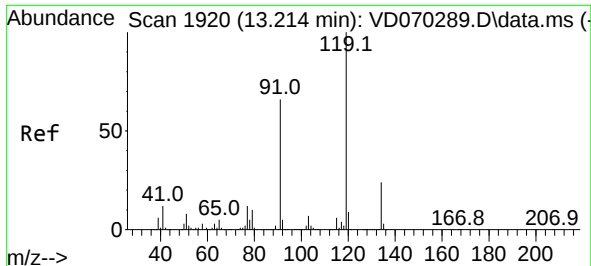
Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.2	96.2#
89	118.2	35.6	53.4#



#82
4-Chlorotoluene
Concen: 8.746 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.053 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	107.8	16.2	48.5#

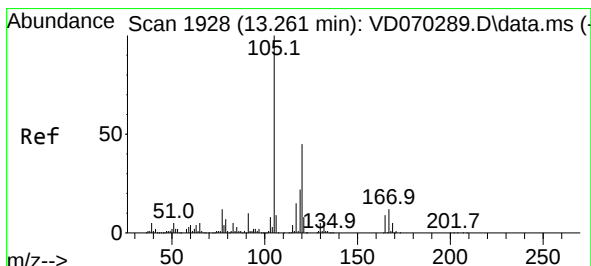
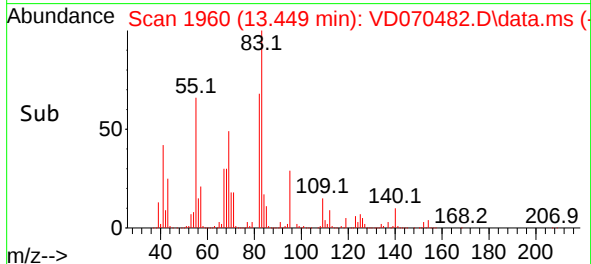
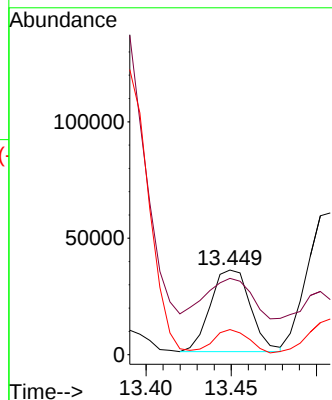
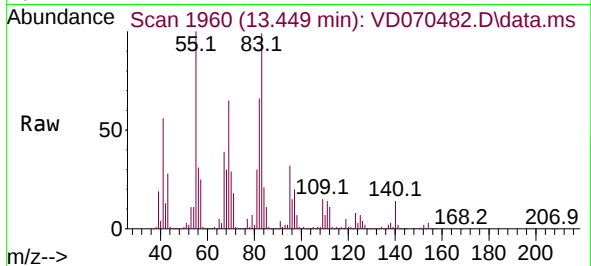




#83
tert-Butylbenzene
Concen: 11.770 ug/l
RT: 13.449 min Scan# 1960
Delta R.T. 0.235 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

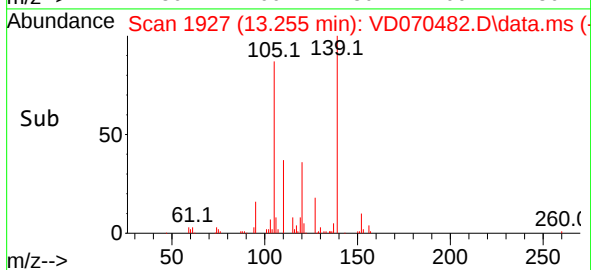
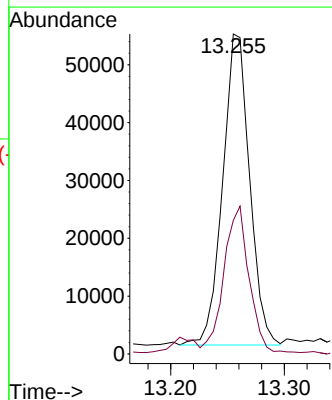
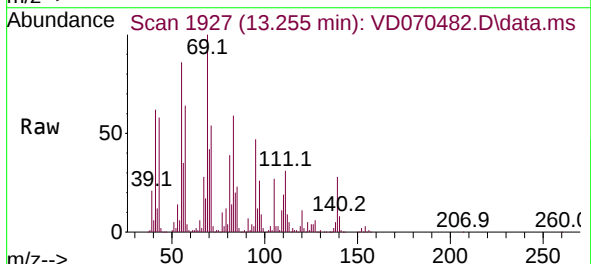
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-03-(8-10)

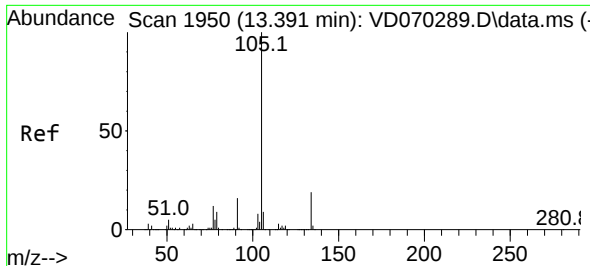
Tgt Ion:119 Resp: 57598
Ion Ratio Lower Upper
119 100
91 55.8 33.7 101.0
134 25.3 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 14.741 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion:105 Resp: 88571
Ion Ratio Lower Upper
105 100
120 44.4 22.3 66.8

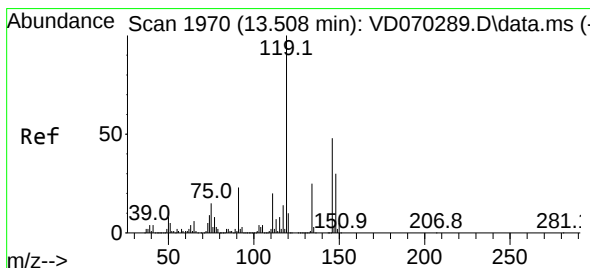
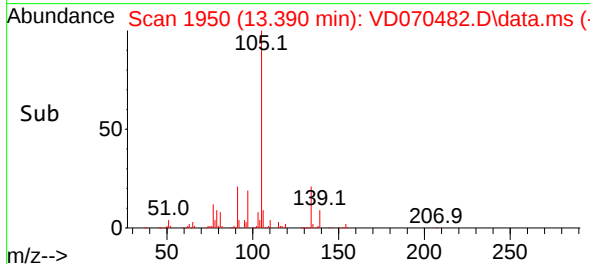
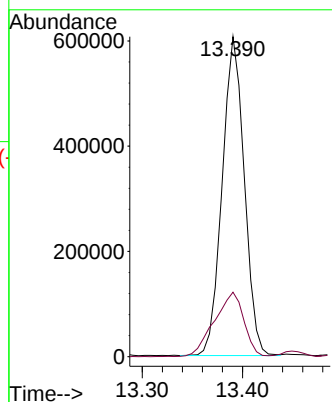
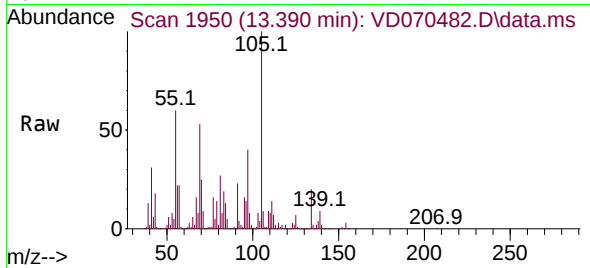




#85
 sec-Butylbenzene
 Concen: 119.037 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD070482.D
 Acq: 27 Sep 2021 17:19

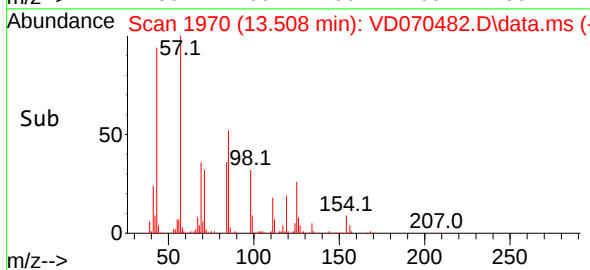
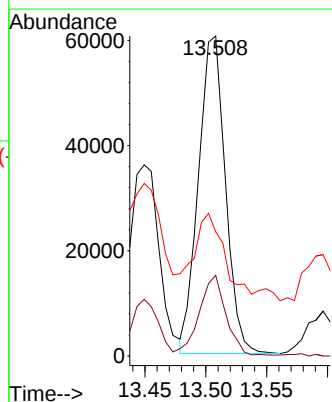
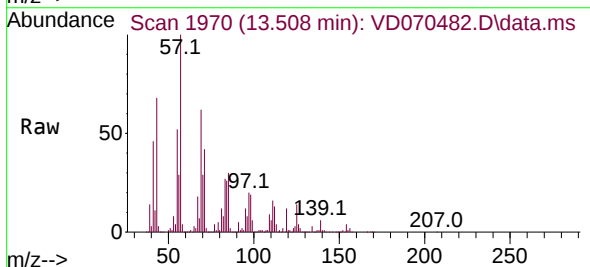
Instrument :
 MSVOA_D
 ClientSampleId :
 SUP-UST-03-(8-10)

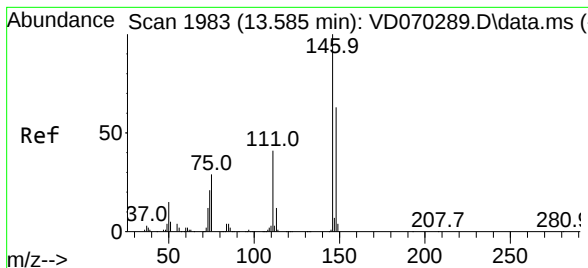
Tgt Ion:105 Resp: 925953
 Ion Ratio Lower Upper
 105 100
 134 27.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 14.927 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.000 min
 Lab File: VD070482.D
 Acq: 27 Sep 2021 17:19

Tgt Ion:119 Resp: 93294
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.7 38.0
 91 33.1 11.8 35.3

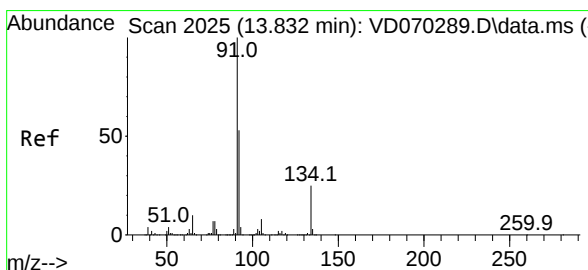
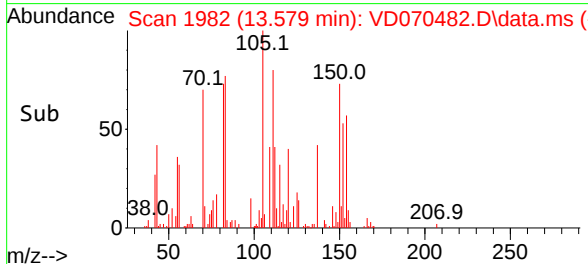
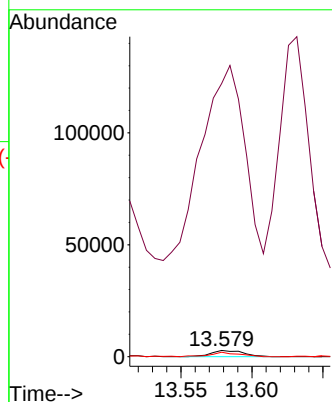
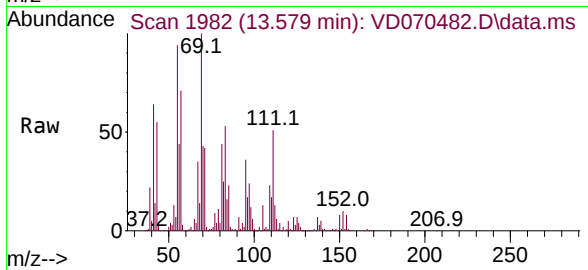




#88
1,4-Dichlorobenzene
Concen: 1.293 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

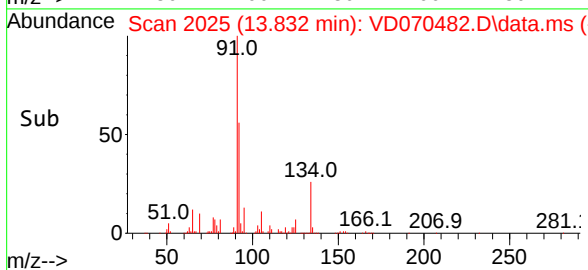
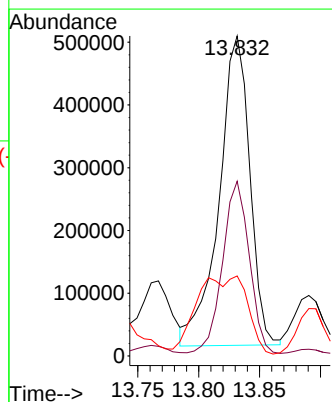
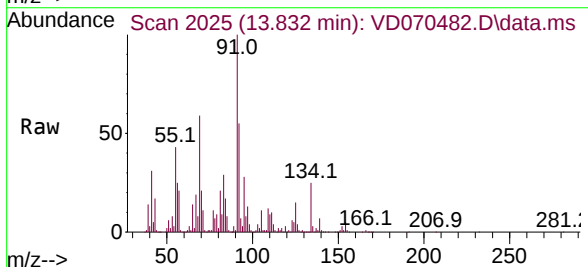
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-03-(8-10)

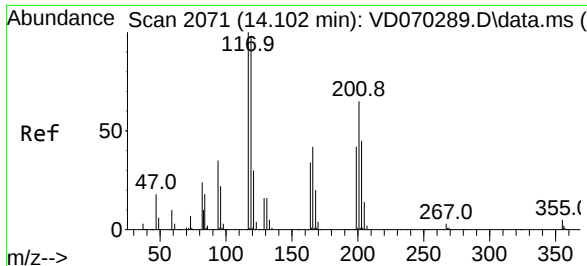
Tgt Ion:146 Resp: 4408
Ion Ratio Lower Upper
146 100
111 4103.5 20.9 62.8#
148 62.5 31.9 95.5



#89
n-Butylbenzene
Concen: 139.088 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion: 91 Resp: 866696
Ion Ratio Lower Upper
91 100
92 49.1 26.8 80.4
134 0.0 12.1 36.3#

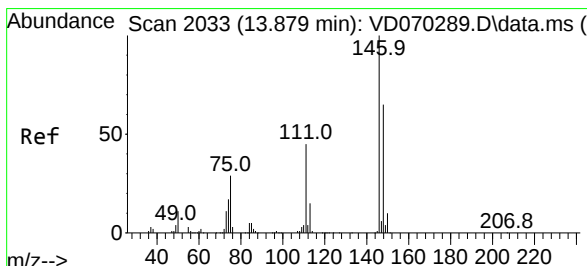
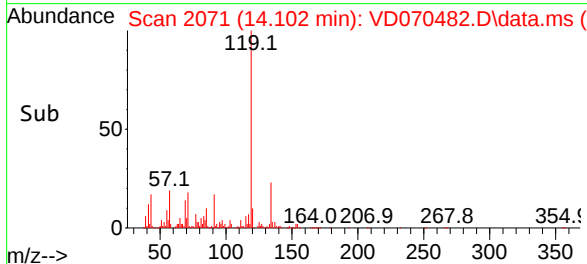
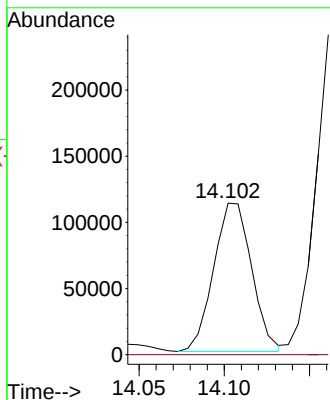
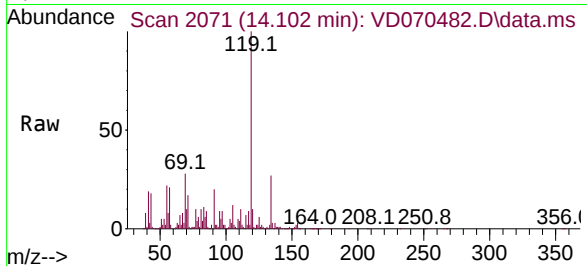




#90
Hexachloroethane
Concen: 121.817 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.000 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

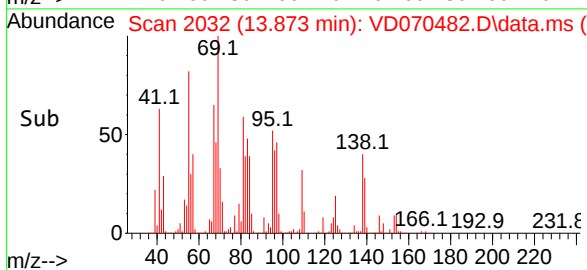
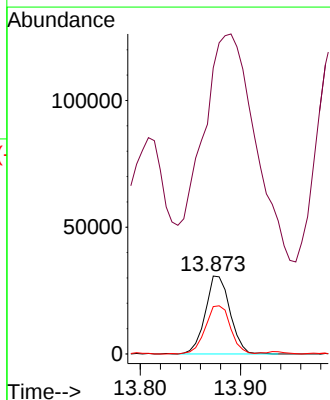
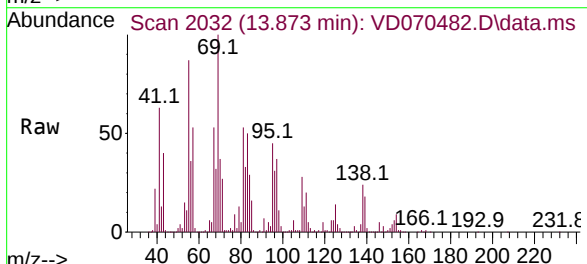
Instrument :
MSVOA_D
ClientSampleId :
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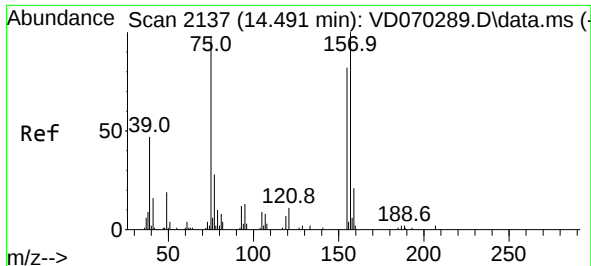
Tgt Ion:117 Resp: 174283
Ion Ratio Lower Upper
117 100
201 0.0 31.9 95.9#



#91
1,2-Dichlorobenzene
Concen: 17.583 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion:146 Resp: 52682
Ion Ratio Lower Upper
146 100
111 683.8 21.9 65.7#
148 63.3 31.7 95.1

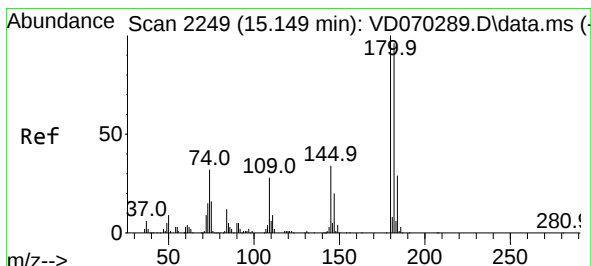
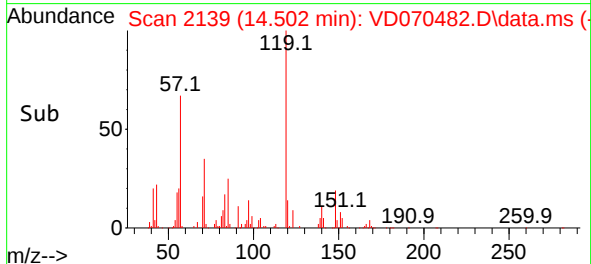
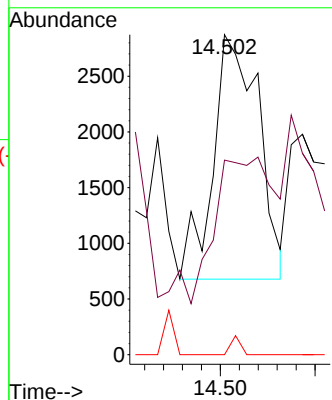
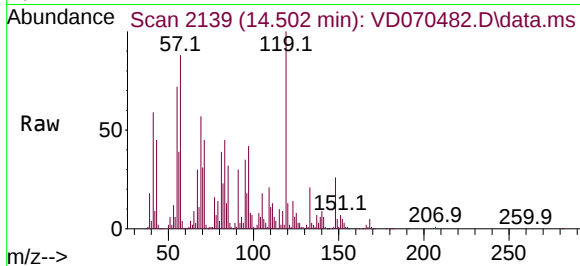




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.183 ug/l
 RT: 14.502 min Scan# 2139
 Delta R.T. 0.012 min
 Lab File: VD070482.D
 Acq: 27 Sep 2021 17:19

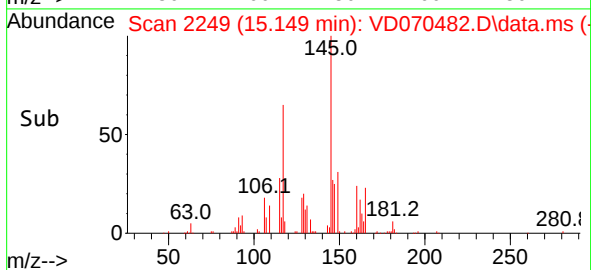
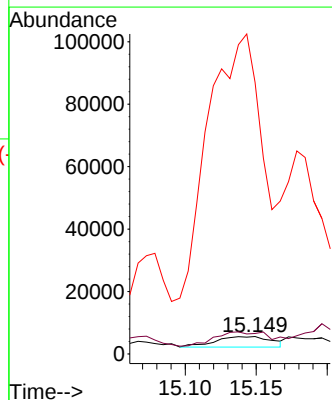
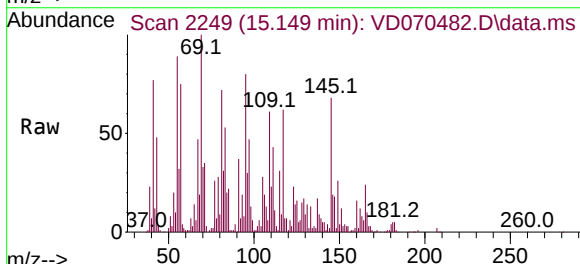
Instrument :
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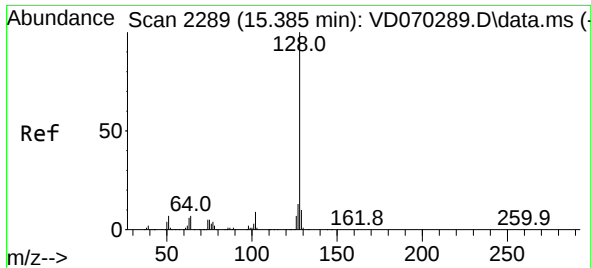
Tgt Ion: 75 Resp: 3670
 Ion Ratio Lower Upper
 75 100
 155 70.3 40.3 120.9
 157 1.6 48.9 146.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 5.679 ug/l
 RT: 15.149 min Scan# 2249
 Delta R.T. -0.000 min
 Lab File: VD070482.D
 Acq: 27 Sep 2021 17:19

Tgt Ion: 180 Resp: 9189
 Ion Ratio Lower Upper
 180 100
 182 141.7 48.1 144.4
 145 3111.9 16.8 50.4#

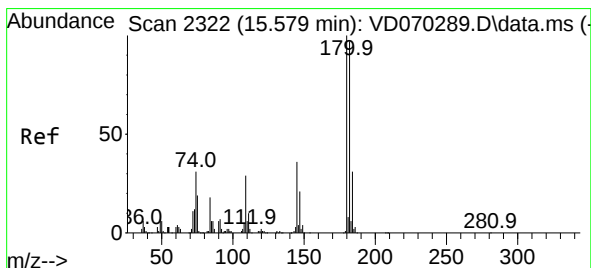
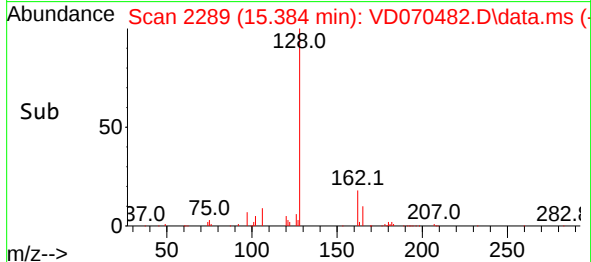
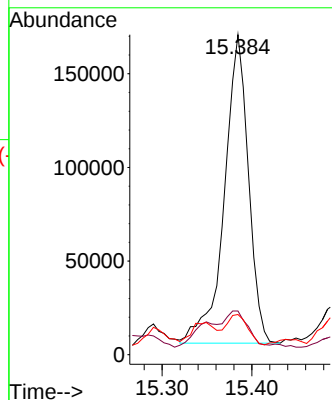
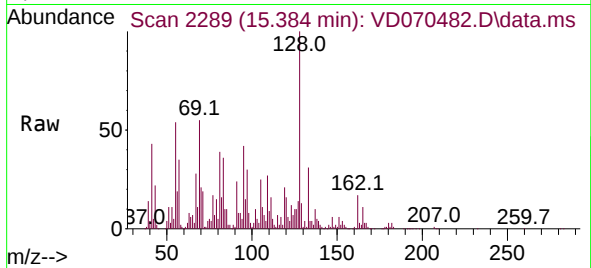




#95
Naphthalene
Concen: 104.497 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-03-(8-10)

Tgt Ion:128 Resp: 307279
Ion Ratio Lower Upper
128 100
127 12.4 10.5 15.7
129 9.0 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 8.037 ug/l
RT: 15.602 min Scan# 2326
Delta R.T. 0.023 min
Lab File: VD070482.D
Acq: 27 Sep 2021 17:19

Tgt Ion:180 Resp: 11473
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.6#
145 0.0 17.7 53.1#

