

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101521\
 Data File : VD070720.D
 Acq On : 15 Oct 2021 17:09
 Operator : VA/SY
 Sample : M4068-03 2.5PPBMDL
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

Manual Integrations
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Quant Time: Oct 18 08:43:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:43:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	379524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	704011	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	661217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	295319	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	255710	56.89	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.78%			
35) Dibromofluoromethane	7.914	113	223542	49.59	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.18%			
50) Toluene-d8	10.332	98	793891	45.94	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 91.88%			
62) 4-Bromofluorobenzene	12.620	95	259798	43.66	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 87.32%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	12935	2.92	ug/l	92
3) Chloromethane	2.209	50	18908	2.87	ug/l	92
4) Vinyl Chloride	2.344	62	19214	2.85	ug/l	93
5) Bromomethane	2.773	94	15296	3.72	ug/l	89
6) Chloroethane	2.926	64	12251	2.88	ug/l	89
7) Trichlorofluoromethane	3.268	101	22088	2.90	ug/l	93
8) Diethyl Ether	3.720	74	5969	2.94	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.097	101	13519	2.96	ug/l	97
10) Methyl Iodide	4.285	142	9444	2.26	ug/l #	40
11) Tert butyl alcohol	5.197	59	5782m	22.98	ug/l	
12) 1,1-Dichloroethene	4.068	96	11315	2.74	ug/l #	87
13) Acrolein	3.920	56	3764	15.45	ug/l	96
14) Allyl chloride	4.709	41	20768	2.66	ug/l #	90
15) Acrylonitrile	5.415	53	13624	12.73	ug/l	94
16) Acetone	4.156	43	13503	12.45	ug/l	97
17) Carbon Disulfide	4.409	76	39712	2.64	ug/l #	90
18) Methyl Acetate	4.715	43	12374	3.28	ug/l #	68
19) Methyl tert-butyl Ether	5.473	73	21135	2.37	ug/l #	85
20) Methylene Chloride	4.956	84	52643	7.52	ug/l	89
21) trans-1,2-Dichloroethene	5.479	96	12061m	2.55	ug/l	
22) Diisopropyl ether	6.356	45	32343	2.13	ug/l #	77
23) Vinyl Acetate	6.309	43	70144m	9.77	ug/l	
24) 1,1-Dichloroethane	6.262	63	26370	2.78	ug/l	99
25) 2-Butanone	7.203	43	15763	11.77	ug/l #	70
26) 2,2-Dichloropropane	7.209	77	18932	2.53	ug/l	95
27) cis-1,2-Dichloroethene	7.197	96	12951	2.55	ug/l	81
28) Bromochloromethane	7.544	49	10712	2.84	ug/l #	82
29) Tetrahydrofuran	7.561	42	10185	12.42	ug/l #	84
30) Chloroform	7.709	83	26866	2.90	ug/l	86
31) Cyclohexane	7.979	56	28930	3.18	ug/l #	69
32) 1,1,1-Trichloroethane	7.903	97	21607	2.75	ug/l #	92
36) 1,1-Dichloropropene	8.108	75	18881	2.41	ug/l	97
37) Ethyl Acetate	7.291	43	8586	2.64	ug/l #	86
38) Carbon Tetrachloride	8.091	117	19946	2.66	ug/l	94
39) Methylcyclohexane	9.355	83	19574	2.21	ug/l #	88
40) Benzene	8.350	78	56412	2.50	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	4245	2.28	ug/l #	64
42) 1,2-Dichloroethane	8.420	62	17720	2.76	ug/l	97
43) Isopropyl Acetate	8.450	43	16996	2.74	ug/l #	83
44) Trichloroethene	9.103	130	14129	2.66	ug/l	95
45) 1,2-Dichloropropane	9.379	63	13999	2.35	ug/l	92
46) Dibromomethane	9.473	93	6694	2.34	ug/l	90
47) Bromodichloromethane	9.661	83	19089	2.52	ug/l	88
48) Methyl methacrylate	9.450	41	6097	2.01	ug/l #	89
49) 1,4-Dioxane	9.461	88	1450	47.25	ug/l #	78
51) 4-Methyl-2-Pentanone	10.220	43	34974	10.71	ug/l #	83
52) Toluene	10.397	92	32379	2.41	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	15440	2.28	ug/l	93
54) cis-1,3-Dichloropropene	10.085	75	16882	2.08	ug/l #	82
55) 1,1,2-Trichloroethane	10.797	97	10061	2.56	ug/l #	83
56) Ethyl methacrylate	10.655	69	9631	2.06	ug/l #	72
57) 1,3-Dichloropropane	10.938	76	17338	2.49	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	19169	9.27	ug/l	92
59) 2-Hexanone	10.979	43	23021	10.01	ug/l	88
60) Dibromochloromethane	11.126	129	11046	2.45	ug/l	91
61) 1,2-Dibromoethane	11.238	107	8212	2.29	ug/l	99
64) Tetrachloroethene	10.879	164	11855	2.67	ug/l #	78
65) Chlorobenzene	11.661	112	33656	2.48	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	11.738	131	12746	2.54	ug/l	94
67) Ethyl Benzene	11.738	91	53867	2.17	ug/l	94
68) m/p-Xylenes	11.844	106	37939	4.04	ug/l	98
69) o-Xylene	12.173	106	16620	1.95	ug/l	94
70) Styrene	12.185	104	28146	1.90	ug/l	96
71) Bromoform	12.349	173	6298	2.42	ug/l #	95
73) Isopropylbenzene	12.473	105	43555	2.07	ug/l	98
74) N-amyl acetate	12.279	43	11822	2.16	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	11841	2.84	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	8150m	3.19	ug/l	
77) Bromobenzene	12.749	156	13540	2.84	ug/l	92
78) n-propylbenzene	12.808	91	63494	2.32	ug/l	97
79) 2-Chlorotoluene	12.896	91	36668	2.32	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	39087	2.20	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.514	75	2712m	2.33	ug/l	
82) 4-Chlorotoluene	12.996	91	39280	2.35	ug/l	96
83) tert-Butylbenzene	13.214	119	31957	2.17	ug/l	94
84) 1,2,4-Trimethylbenzene	13.261	105	36847	2.08	ug/l	98
85) sec-Butylbenzene	13.391	105	48202	2.09	ug/l	97
86) p-Isopropyltoluene	13.502	119	36002	1.94	ug/l	96
87) 1,3-Dichlorobenzene	13.502	146	26035	2.60	ug/l	96
88) 1,4-Dichlorobenzene	13.585	146	27270	2.76	ug/l	88
89) n-Butylbenzene	13.826	91	40764	2.17	ug/l	96
90) Hexachloroethane	14.096	117	10980	2.74	ug/l	91
91) 1,2-Dichlorobenzene	13.879	146	22329	2.61	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	1997	3.01	ug/l	89
93) 1,2,4-Trichlorobenzene	15.149	180	11789	2.41	ug/l	93
94) Hexachlorobutadiene	15.255	225	8856	2.76	ug/l	99
95) Naphthalene	15.385	128	20912	2.52	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.573	180	12283	2.83	ug/l	94

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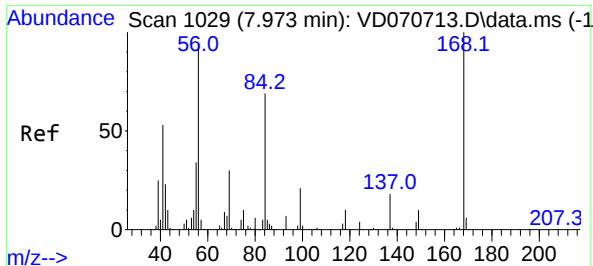
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Quant Time: Oct 18 08:43:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



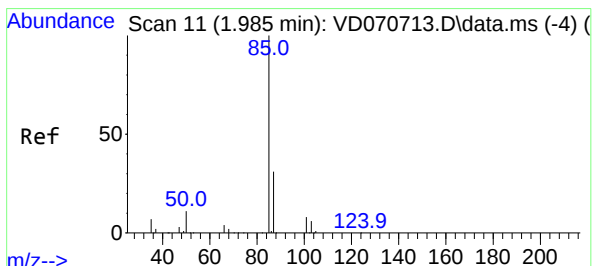
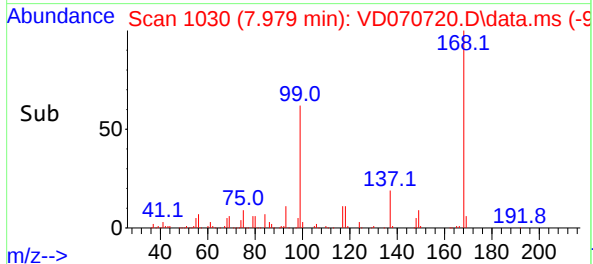
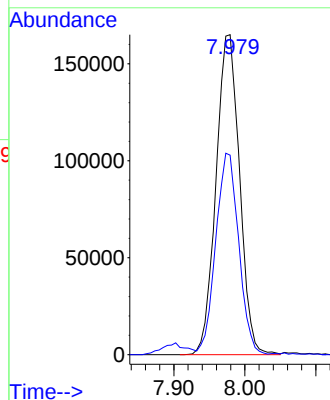
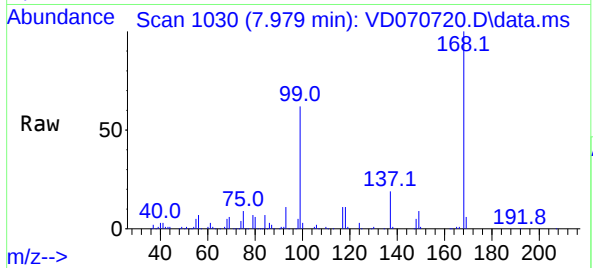
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion: 168 Resp: 379524
Ion Ratio Lower Upper
168 100
99 62.1 51.4 77.0

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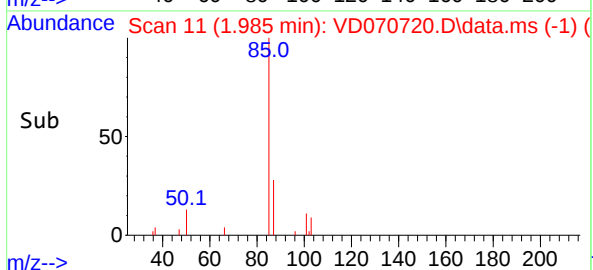
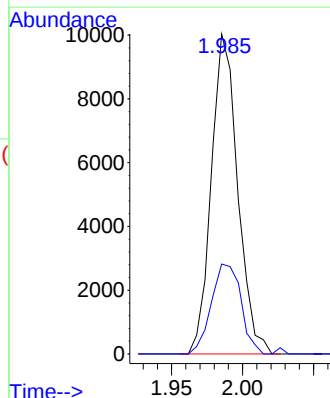
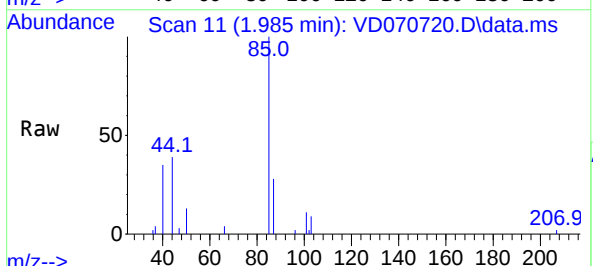
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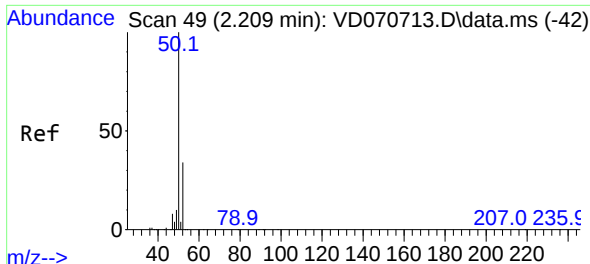
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#2
Dichlorodifluoromethane
Concen: 2.92 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

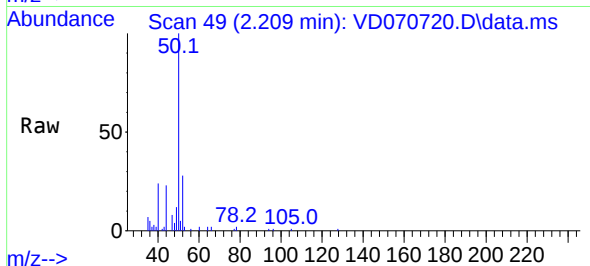
Tgt Ion: 85 Resp: 12935
Ion Ratio Lower Upper
85 100
87 28.1 16.4 49.2





#3
Chloromethane
Concen: 2.87 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

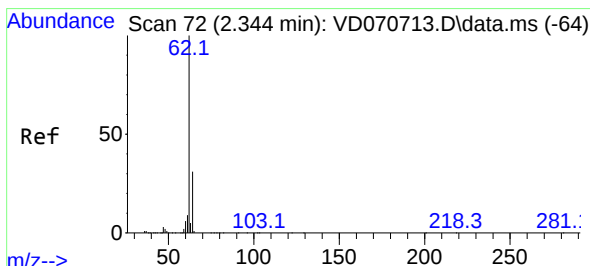
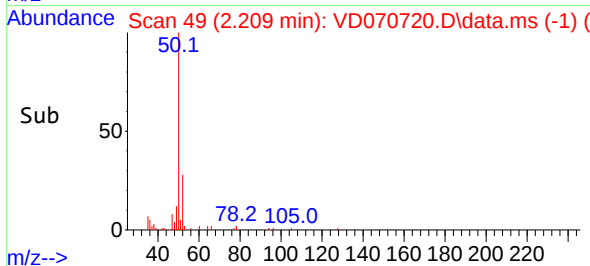
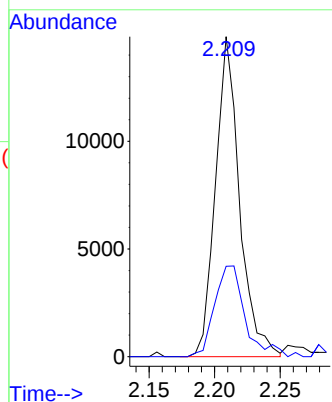
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT4-2021



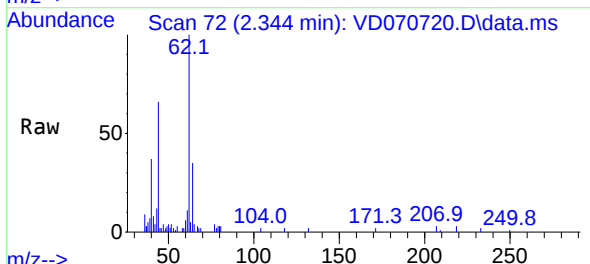
Tgt Ion: 50 Resp: 18908
Ion Ratio Lower Upper
50 100
52 28.2 26.0 39.0

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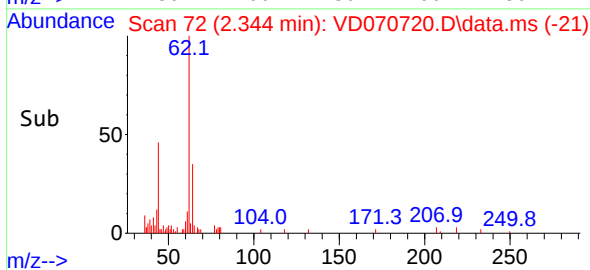
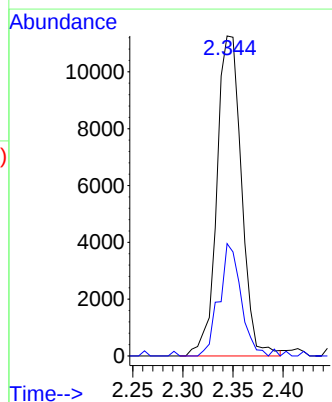
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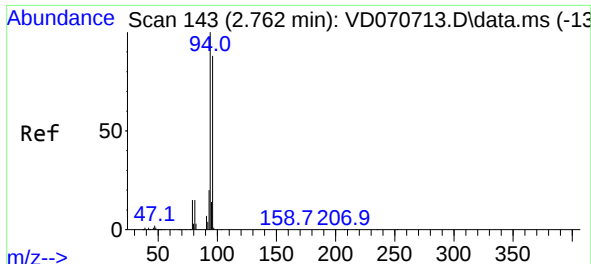


#4
Vinyl Chloride
Concen: 2.85 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



Tgt Ion: 62 Resp: 19214
Ion Ratio Lower Upper
62 100
64 35.1 24.9 37.3





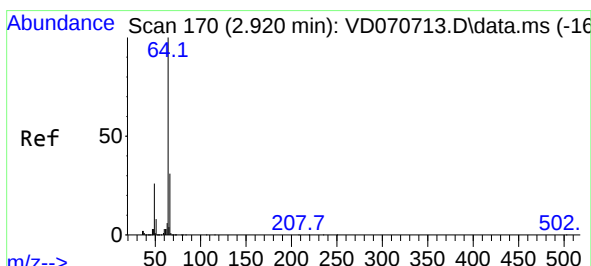
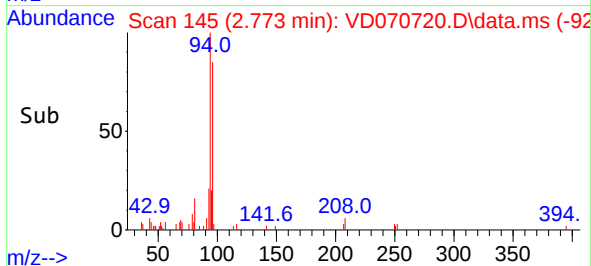
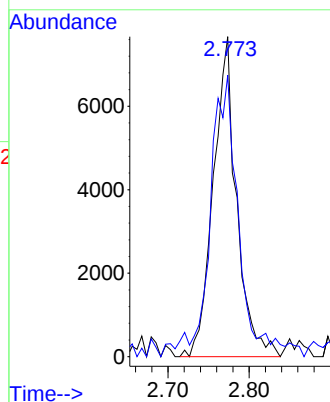
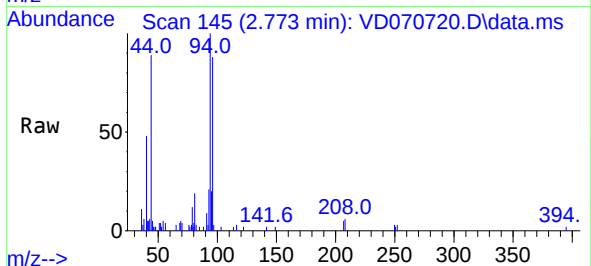
#5
Bromomethane
Concen: 3.72 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.012 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion: 94 Resp: 15296
Ion Ratio Lower Upper
94 100
96 84.2 75.5 113.3

Instrument :
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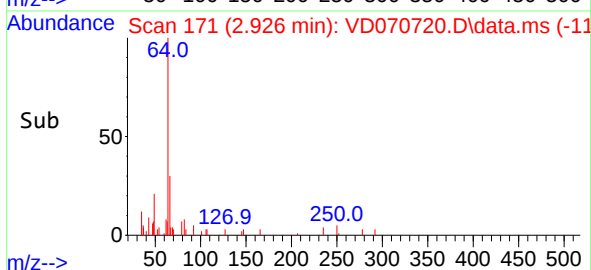
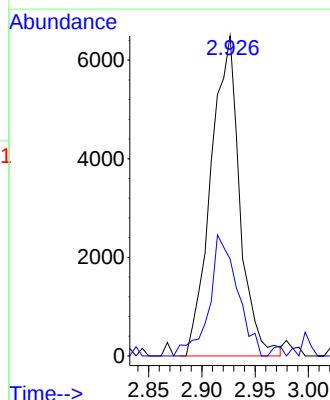
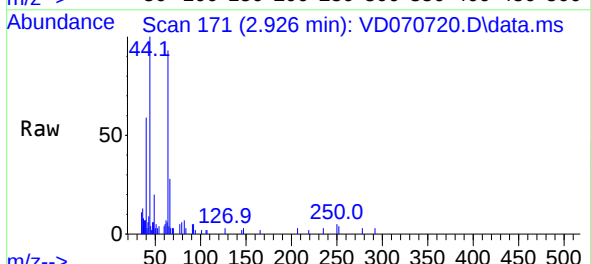
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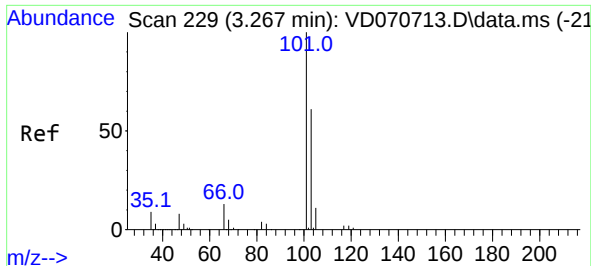
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#6
Chloroethane
Concen: 2.88 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion: 64 Resp: 12251
Ion Ratio Lower Upper
64 100
66 27.2 26.6 40.0





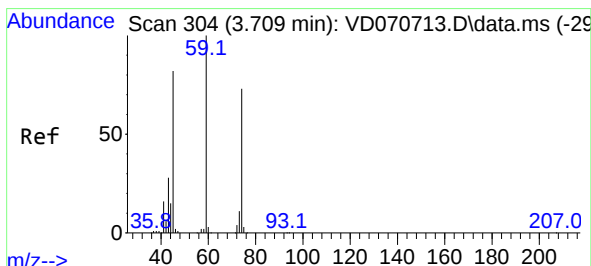
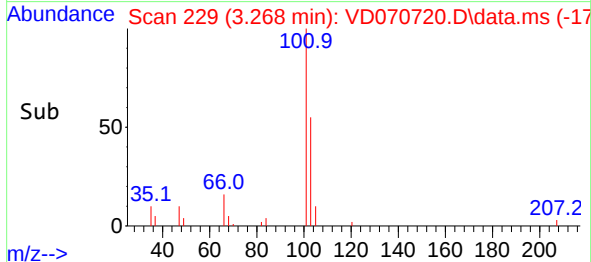
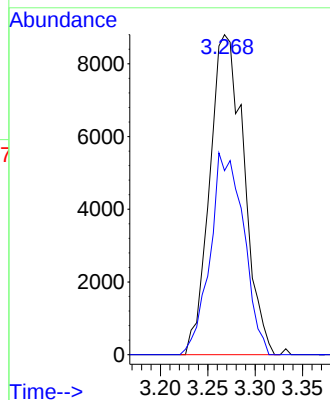
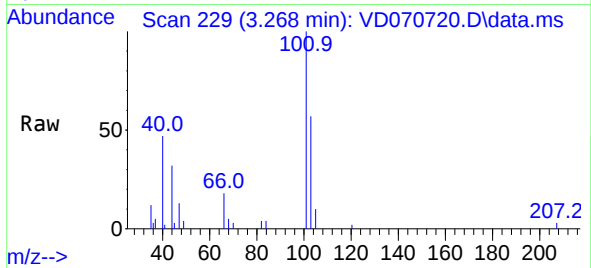
#7
Trichlorofluoromethane
Concen: 2.90 ug/l
RT: 3.268 min Scan# 229
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion:101 Resp: 22088
Ion Ratio Lower Upper
101 100
103 57.5 50.1 75.1

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

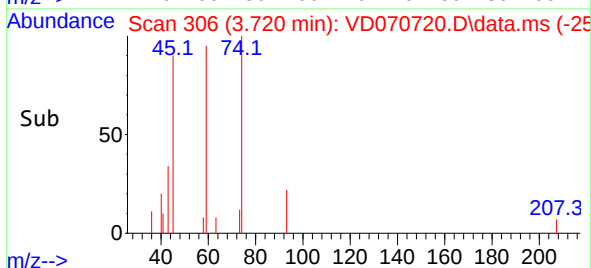
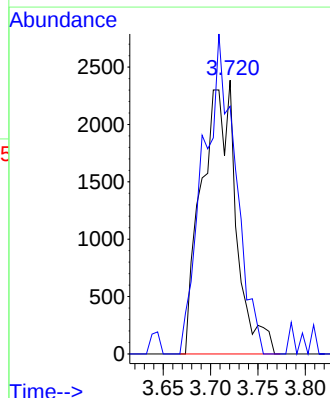
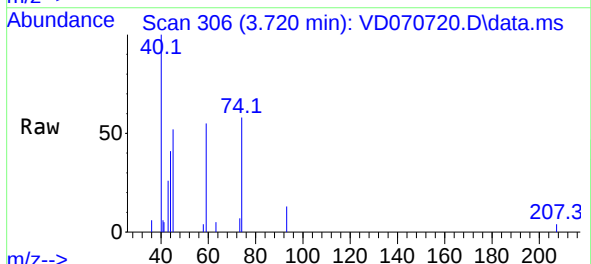
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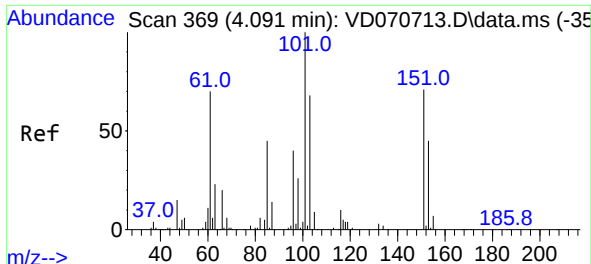
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#8
Diethyl Ether
Concen: 2.94 ug/l
RT: 3.720 min Scan# 306
Delta R.T. 0.012 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion: 74 Resp: 5969
Ion Ratio Lower Upper
74 100
45 110.9 45.1 135.5





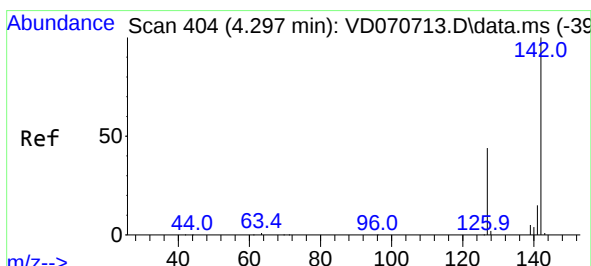
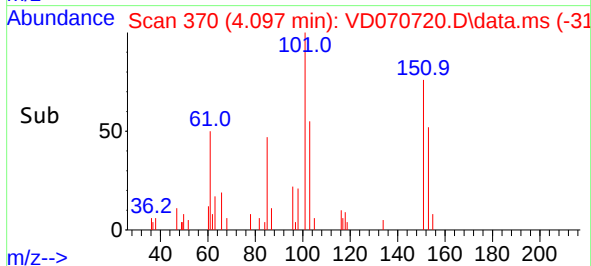
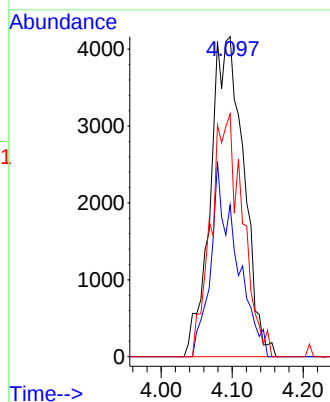
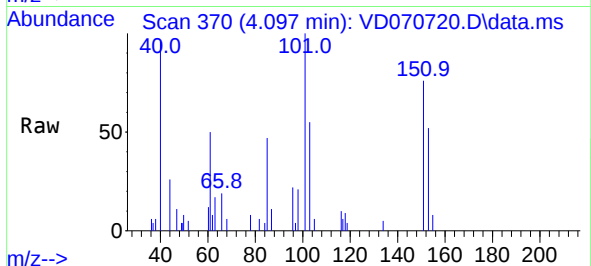
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1,1,2-Trichlorotrifluoroethane
Concen: 2.96 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion:	101	Resp:	13519
Ion	Ratio	Lower	Upper
101	100		
85	46.6	35.5	53.3
151	72.2	55.8	83.8

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

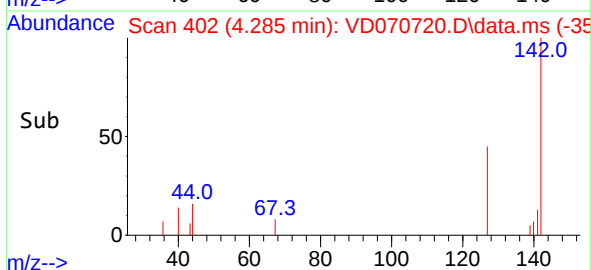
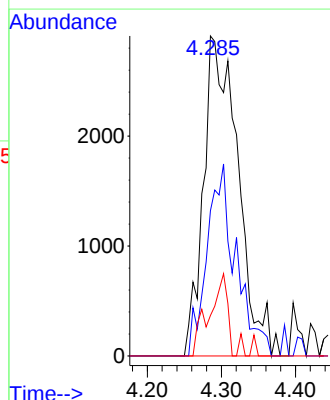
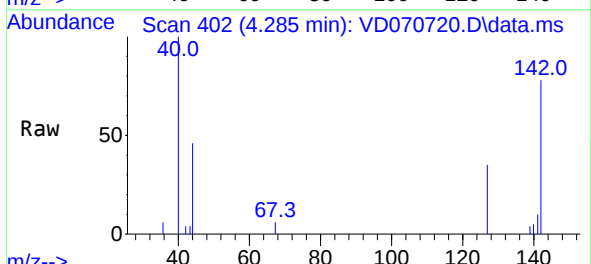
Manual Integrations
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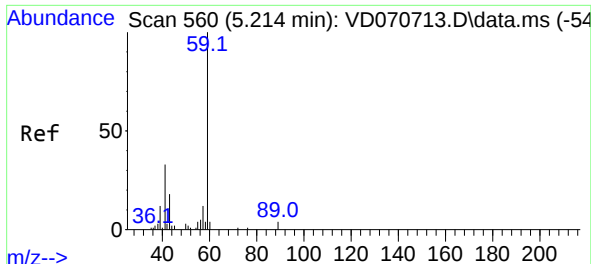
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#10
Methyl Iodide
Concen: 2.26 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.012 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion:	142	Resp:	9444
Ion	Ratio	Lower	Upper
142	100		
127	0.0	37.5	56.3#
141	3.7	12.1	18.1#





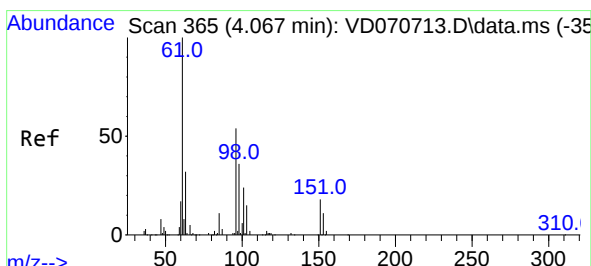
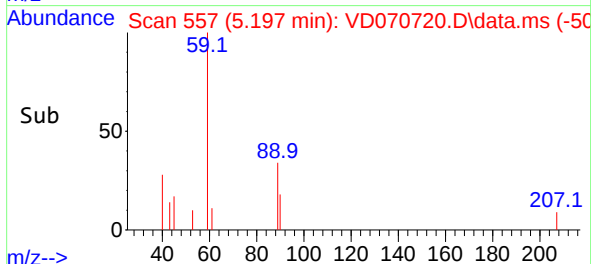
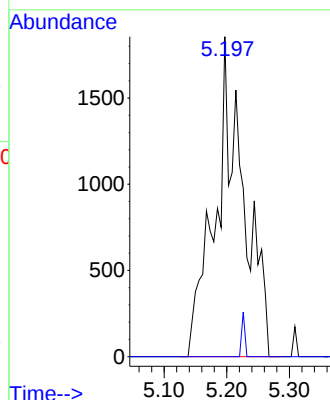
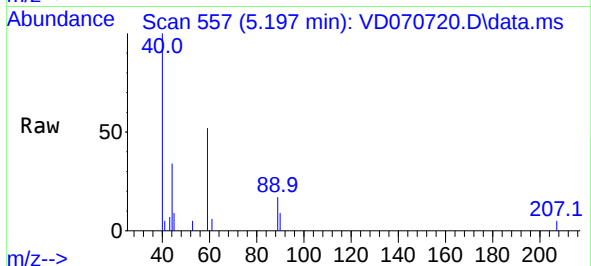
#11
Tert butyl alcohol
Concen: 22.98 ug/l m
RT: 5.197 min Scan# 557
Delta R.T. -0.018 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion: 59 Resp: 5782
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

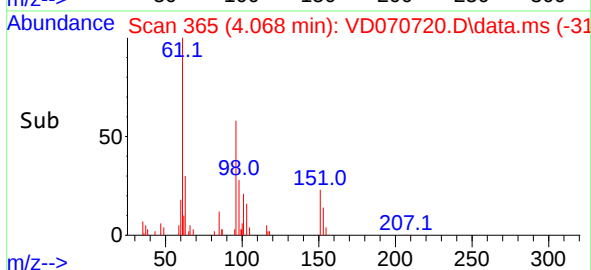
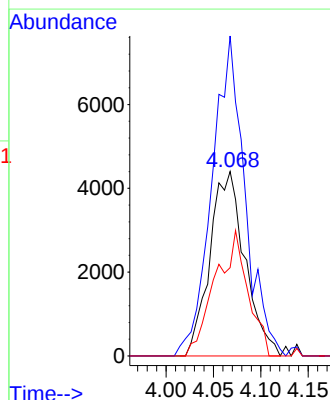
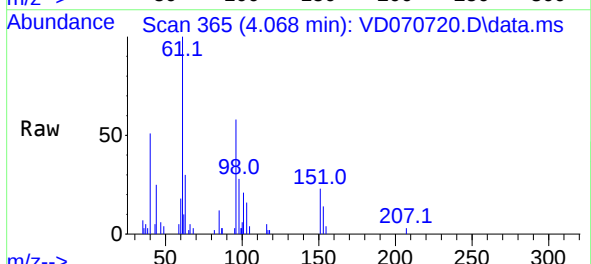
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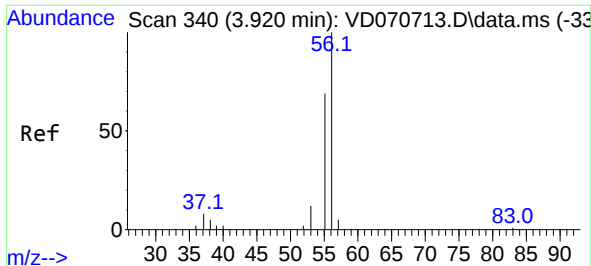
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#12
1,1-Dichloroethene
Concen: 2.74 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion: 96 Resp: 11315
Ion Ratio Lower Upper
96 100
61 169.8 125.9 188.9
98 47.9 52.3 78.5#





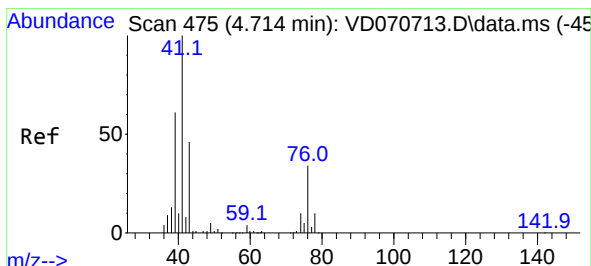
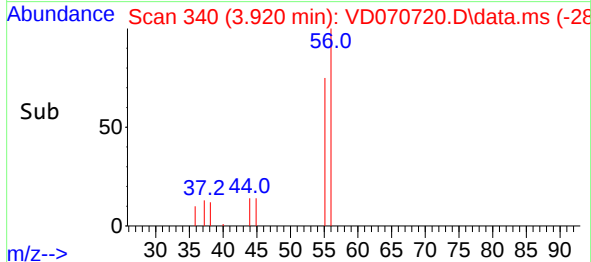
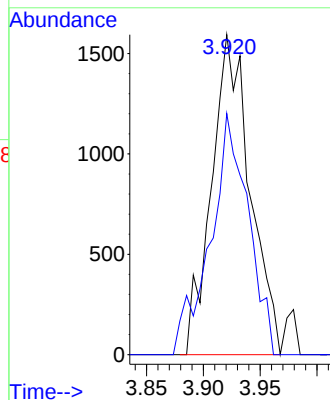
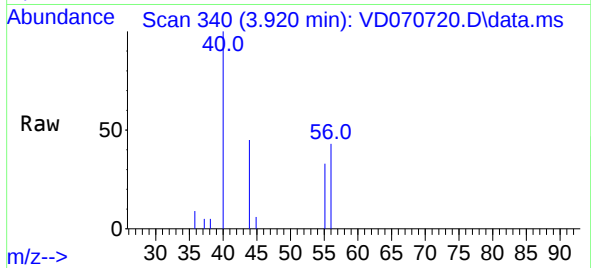
#13
Acrolein
Concen: 15.45 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion: 56 Resp: 3764
Ion Ratio Lower Upper
56 100
55 74.1 56.8 85.2

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

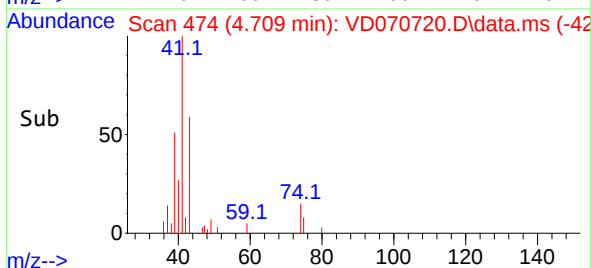
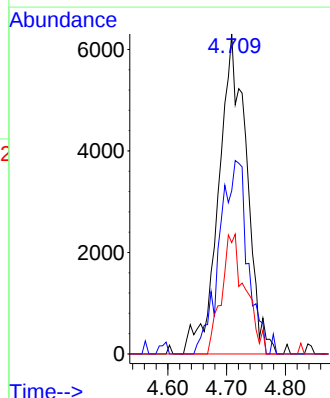
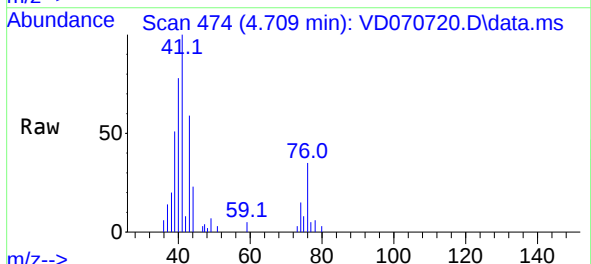
Manual Integrations
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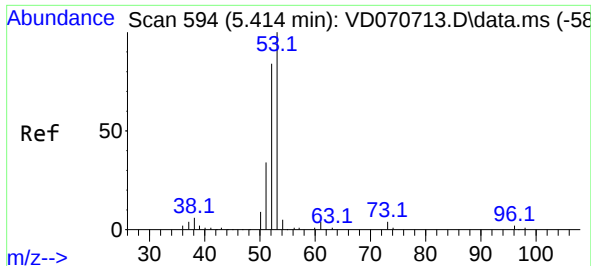
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#14
Allyl chloride
Concen: 2.66 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

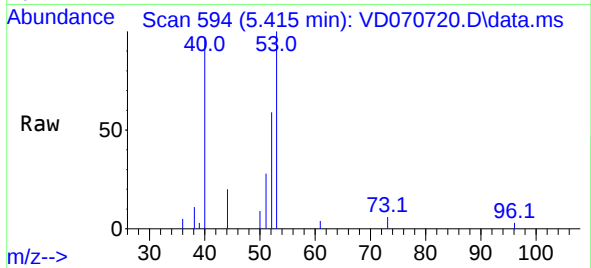
Tgt Ion: 41 Resp: 20768
Ion Ratio Lower Upper
41 100
39 60.9 46.4 69.6
76 32.2 34.6 51.8#





#15
Acrylonitrile
Concen: 12.73 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

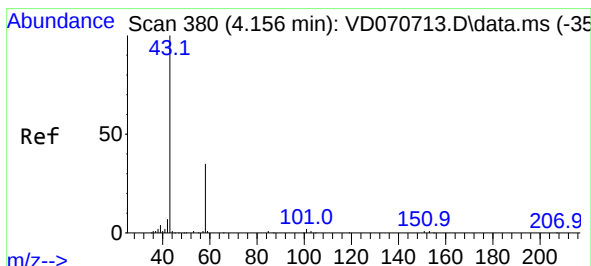
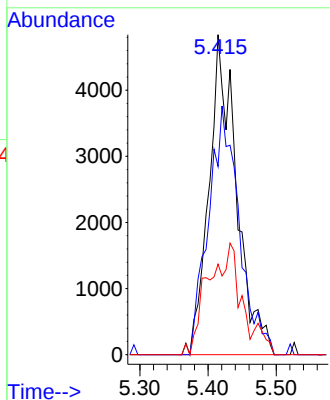
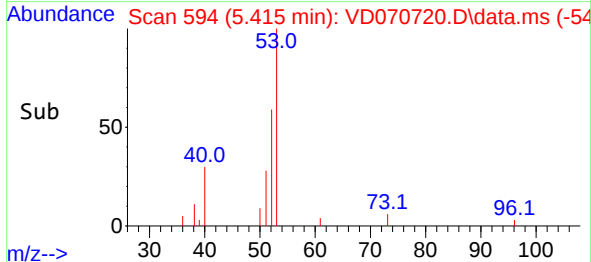
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021



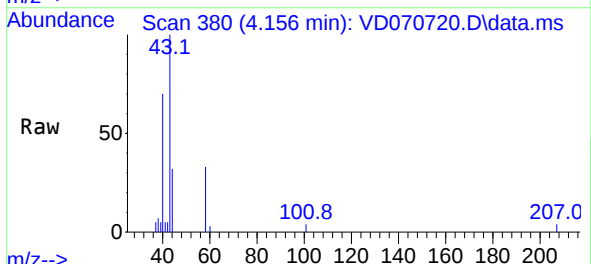
Tgt Ion: 53 Resp: 13624
Ion Ratio Lower Upper
53 100
52 86.2 64.6 97.0
51 40.1 28.7 43.1

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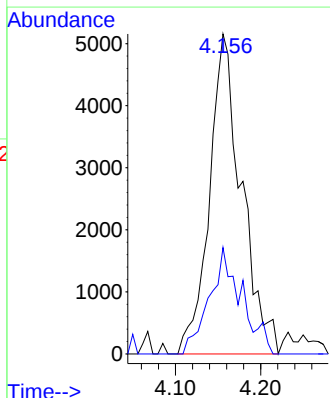
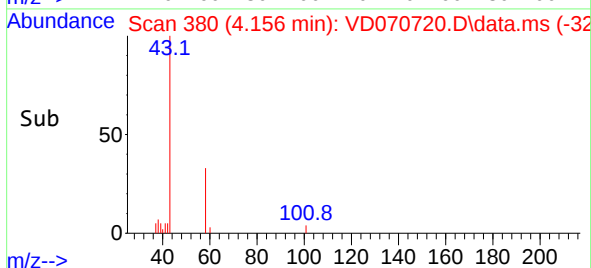
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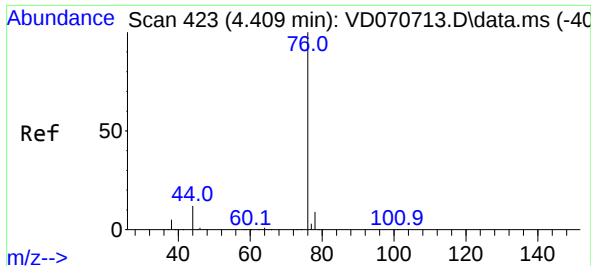


#16
Acetone
Concen: 12.45 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

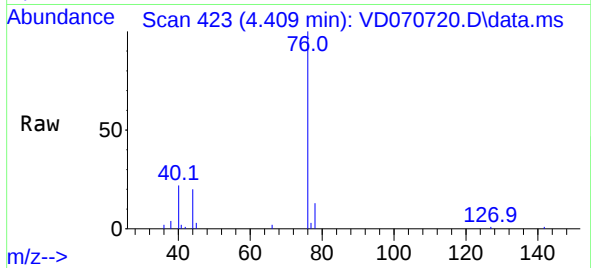


Tgt Ion: 43 Resp: 13503
Ion Ratio Lower Upper
43 100
58 33.3 28.2 42.2

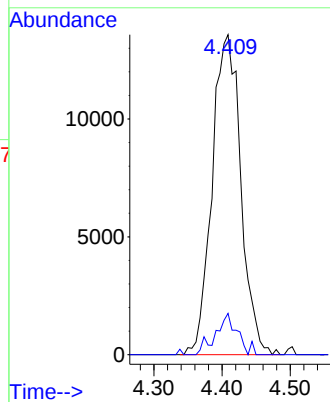
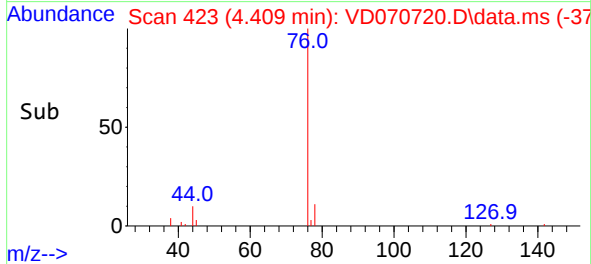




#17
Carbon Disulfide
Concen: 2.64 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



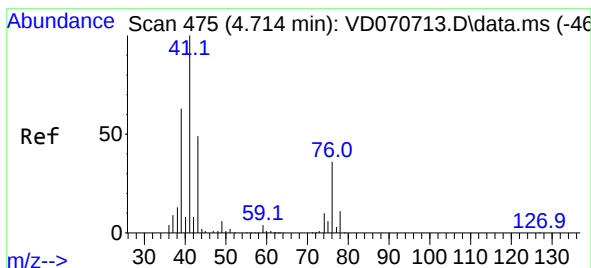
Tgt Ion: 76 Resp: 39712
Ion Ratio Lower Upper
76 100
78 12.9 7.4 11.2#



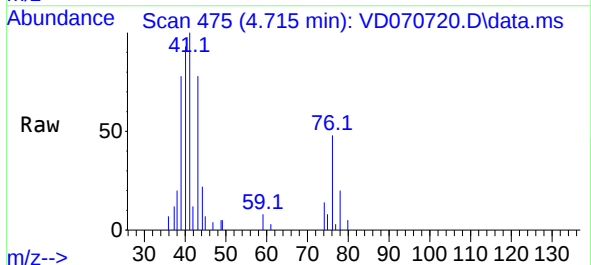
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

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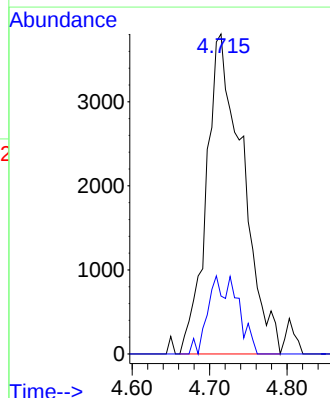
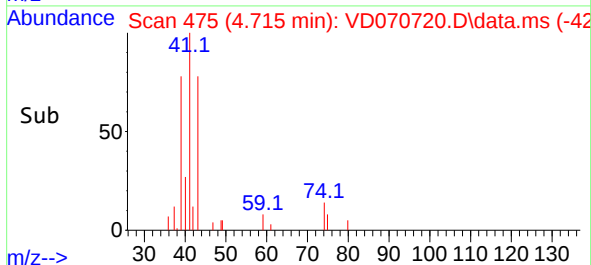
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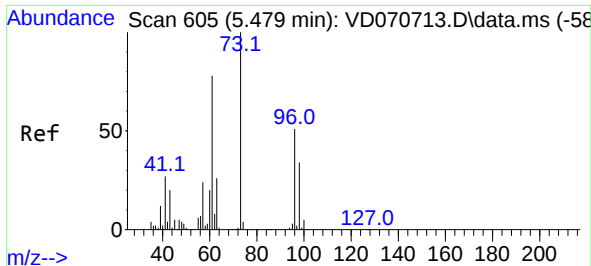


#18
Methyl Acetate
Concen: 3.28 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



Tgt Ion: 43 Resp: 12374
Ion Ratio Lower Upper
43 100
74 11.4 22.6 33.8#





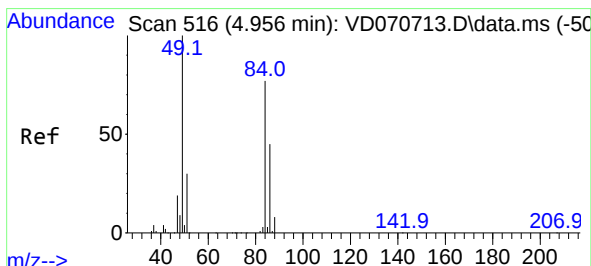
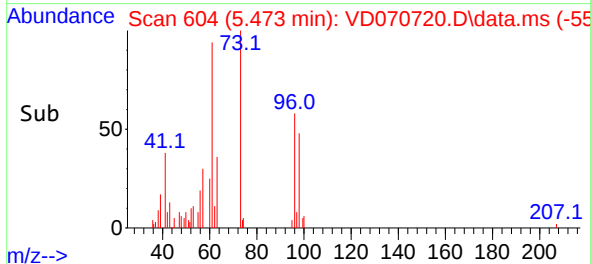
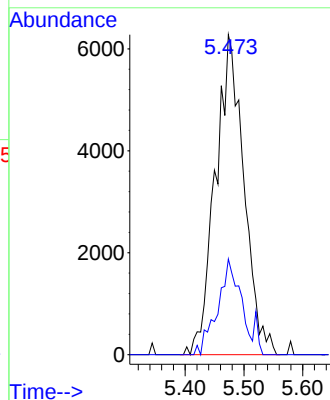
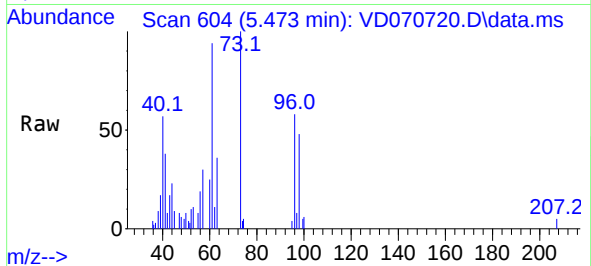
#19
Methyl tert-butyl Ether
Concen: 2.37 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion: 73 Resp: 21135
Ion Ratio Lower Upper
73 100
57 29.9 18.1 27.1#

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

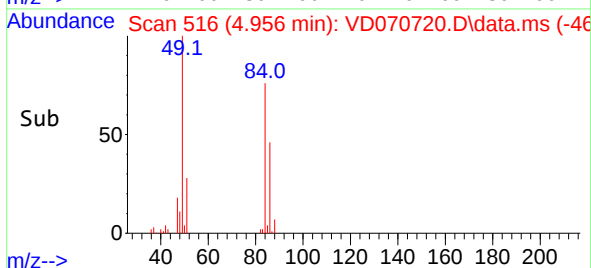
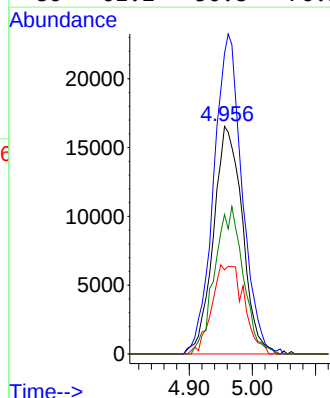
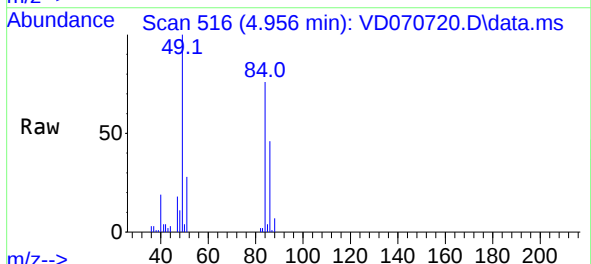
Manual Integrations
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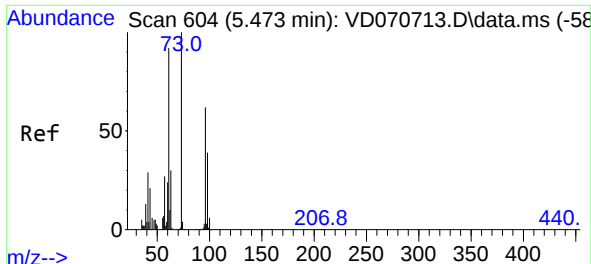
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#20
Methylene Chloride
Concen: 7.52 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion: 84 Resp: 52643
Ion Ratio Lower Upper
84 100
49 131.9 91.4 137.2
51 37.0 26.7 40.1
86 61.2 50.8 76.2





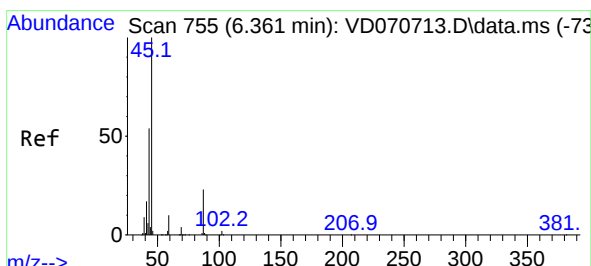
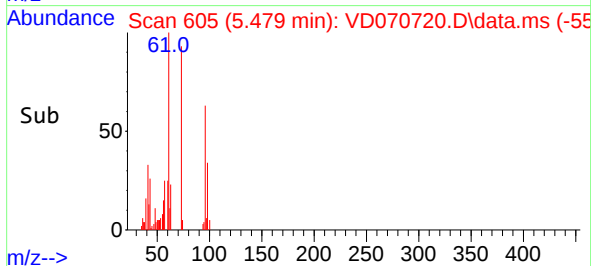
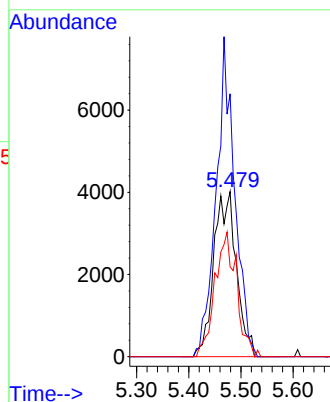
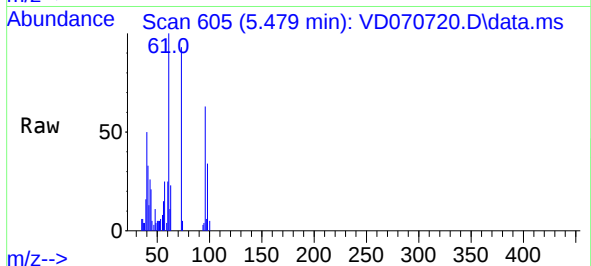
#21
trans-1,2-Dichloroethene
Concen: 2.55 ug/l m
RT: 5.479 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion: 96 Resp: 12061
Ion Ratio Lower Upper
96 100
61 159.2 111.1 166.7
98 54.4 51.9 77.9

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

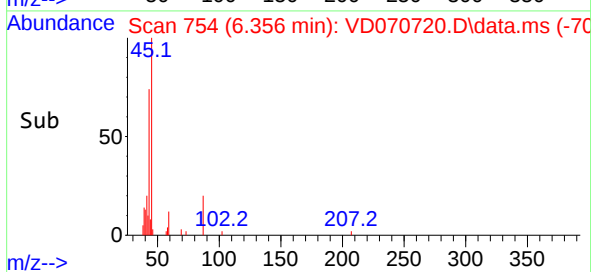
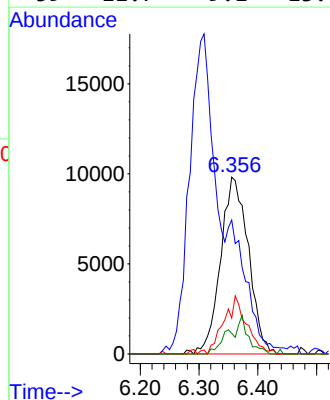
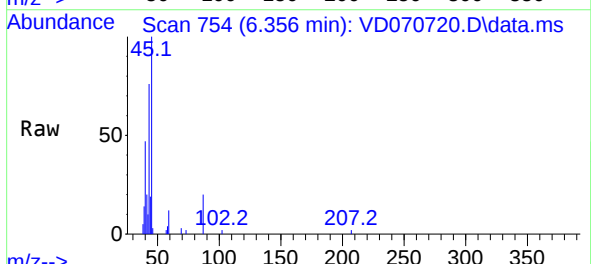
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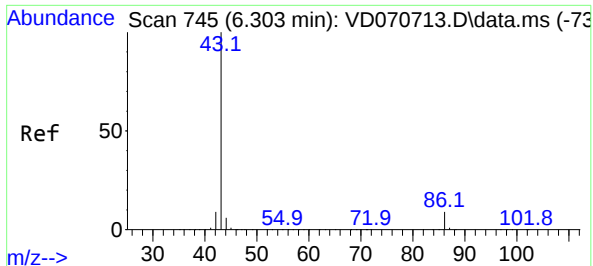
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#22
Diisopropyl ether
Concen: 2.13 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion: 45 Resp: 32343
Ion Ratio Lower Upper
45 100
43 72.3 40.6 61.0#
87 20.3 24.6 37.0#
59 11.7 9.1 13.7





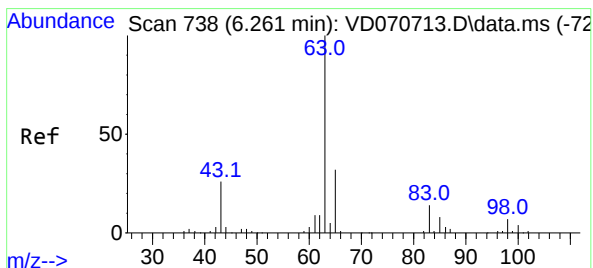
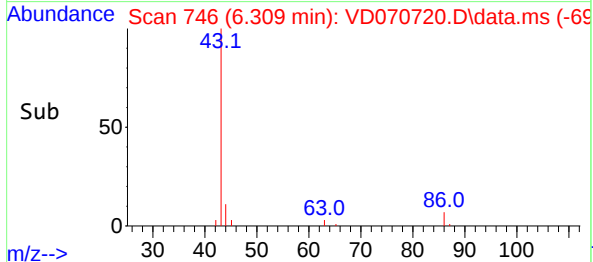
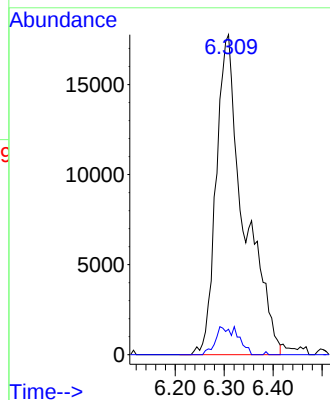
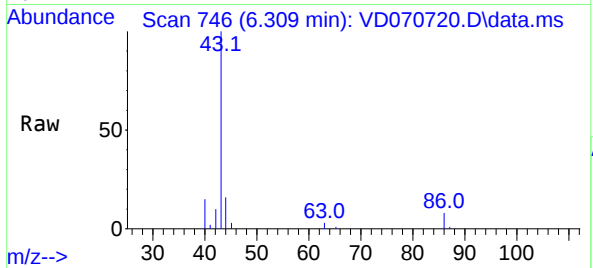
#23
 Vinyl Acetate
 Concen: 9.77 ug/l m
 RT: 6.309 min Scan# 746
 Delta R.T. 0.006 min
 Lab File: VD070720.D
 Acq: 15 Oct 2021 17:09

Tgt Ion: 43 Resp: 70144
 Ion Ratio Lower Upper
 43 100
 86 7.9 9.8 14.6#

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

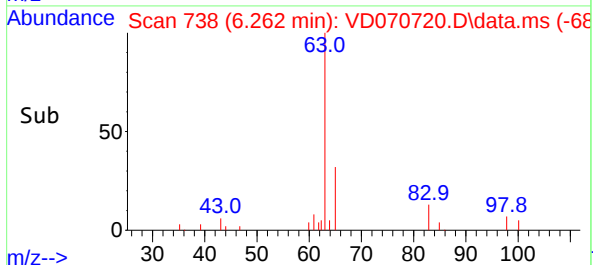
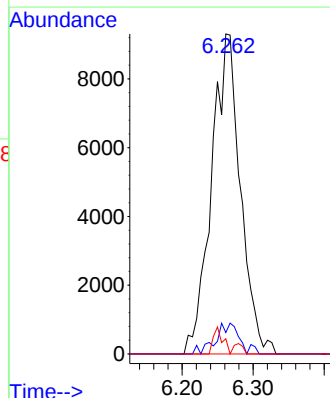
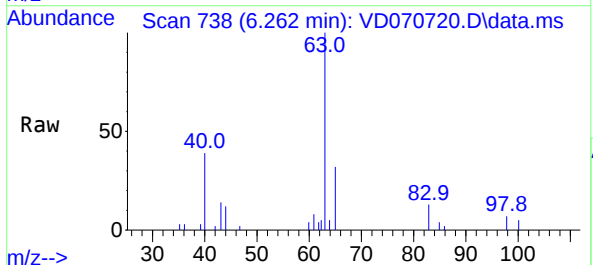
Manual Integrations
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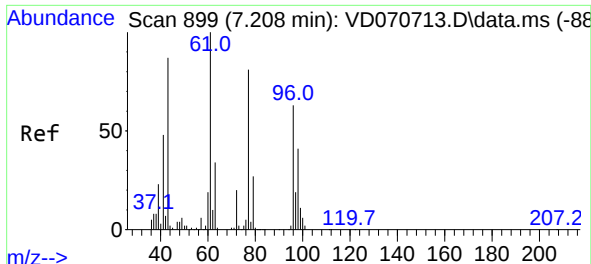
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#24
 1,1-Dichloroethane
 Concen: 2.78 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD070720.D
 Acq: 15 Oct 2021 17:09

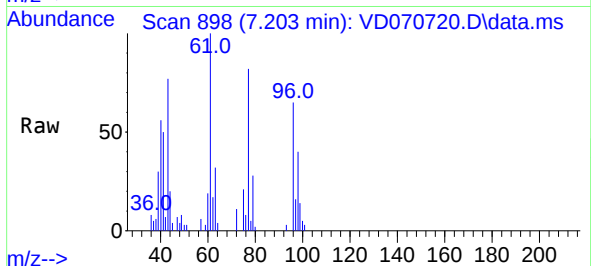
Tgt Ion: 63 Resp: 26370
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.9
 100 4.7 2.4 7.2





#25
2-Butanone
Concen: 11.77 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

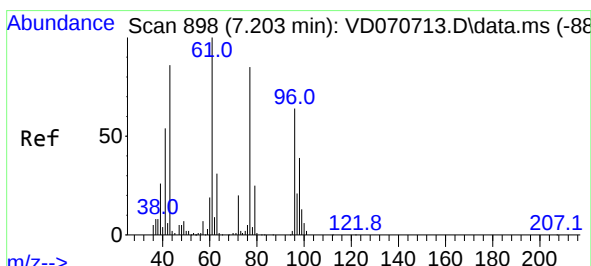
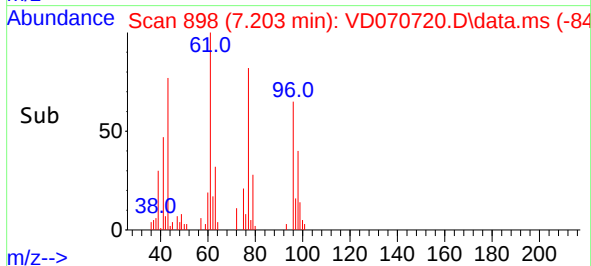
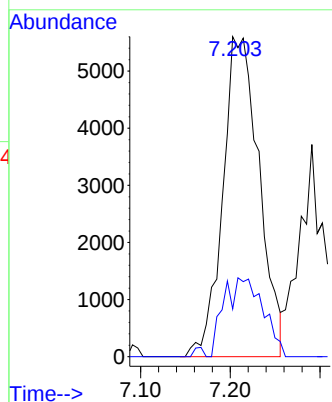
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021



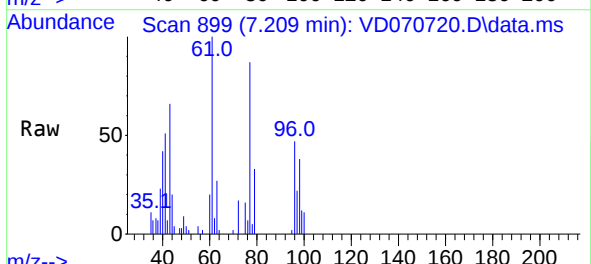
Tgt Ion: 43 Resp: 15763
Ion Ratio Lower Upper
43 100
72 14.9 25.2 37.8#

Manual Integrations
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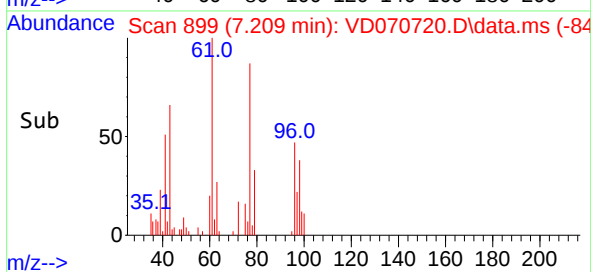
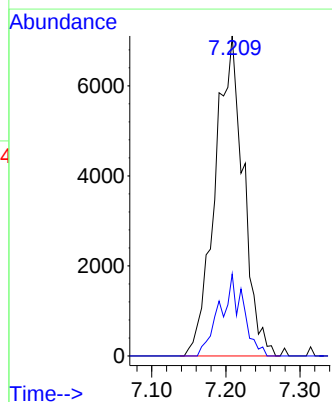
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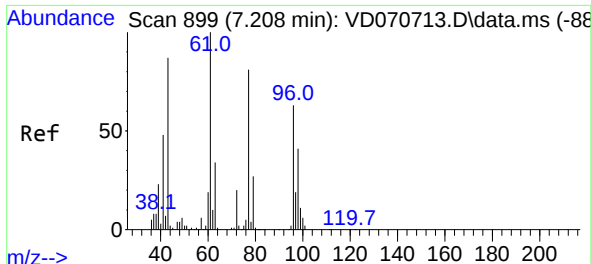


#26
2,2-Dichloropropane
Concen: 2.53 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



Tgt Ion: 77 Resp: 18932
Ion Ratio Lower Upper
77 100
97 21.2 11.9 35.7





#27

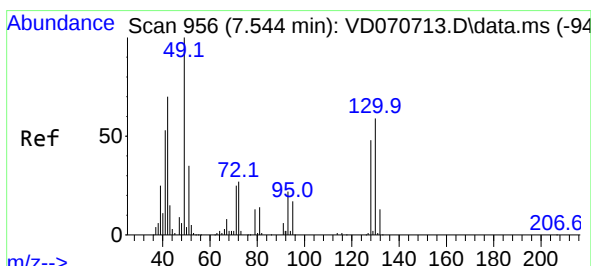
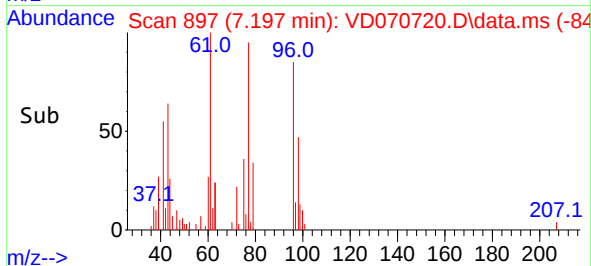
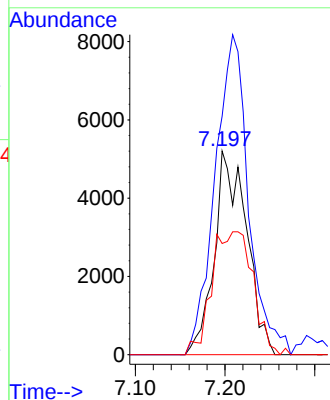
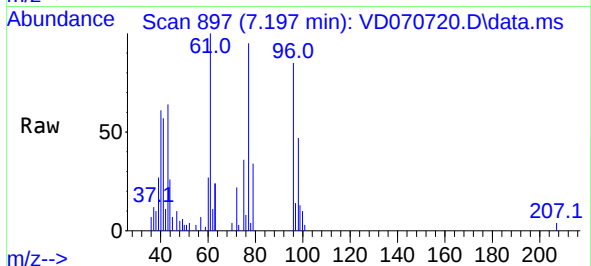
cis-1,2-Dichloroethene
Concen: 2.55 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.012 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion:	96	Resp:	12951
Ion	Ratio	Lower	Upper
96	100		
61	163.4	0.0	278.2
98	77.6	0.0	128.6

Instrument :
MSVOA_D
ClientSampleId :
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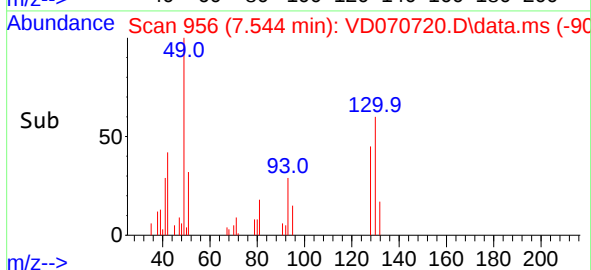
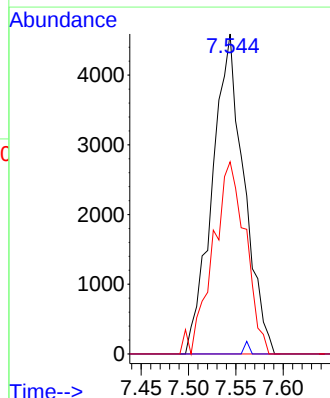
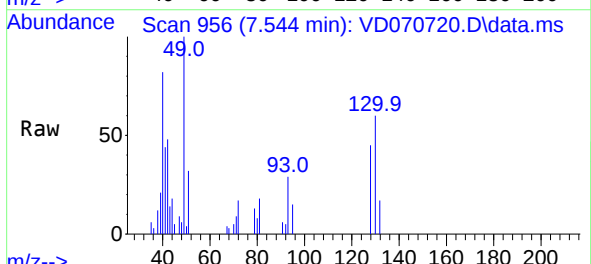
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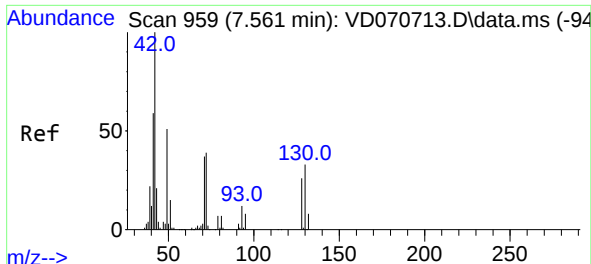


#28

Bromochloromethane
Concen: 2.84 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion:	49	Resp:	10712
Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	4.8
130	62.1	62.4	93.6#





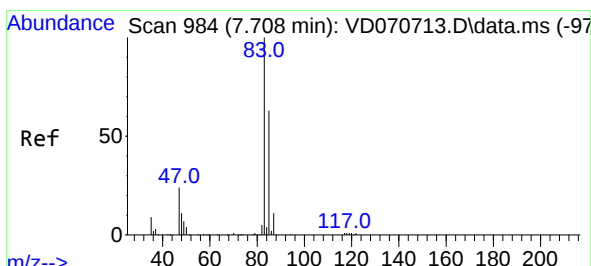
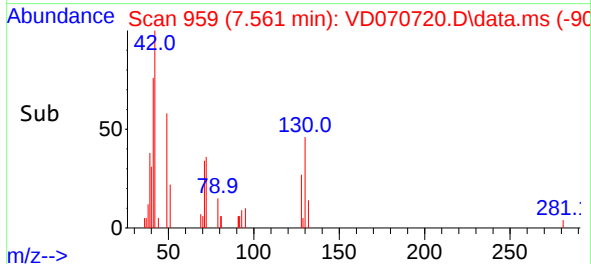
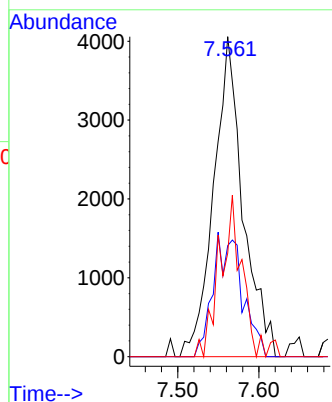
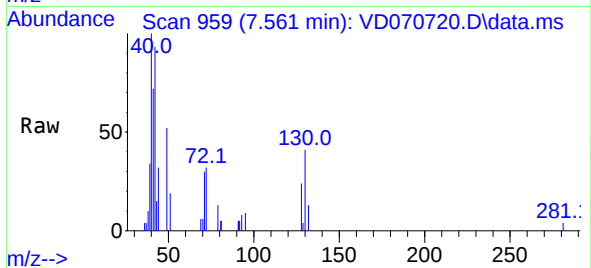
#29
Tetrahydrofuran
Concen: 12.42 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion:	42	Resp:	10185
Ion	Ratio	Lower	Upper
42	100		
72	38.5	40.2	60.4#
71	36.9	37.2	55.8#

Instrument :
MSVOA_D
ClientSampleId :
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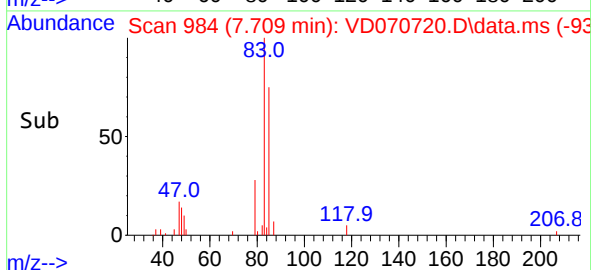
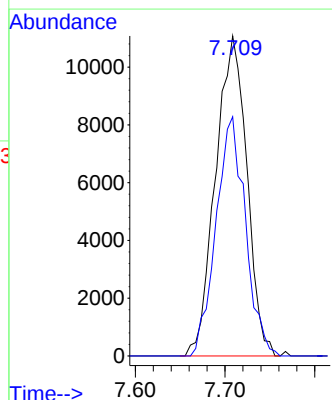
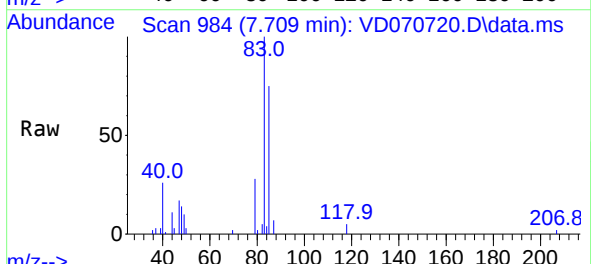
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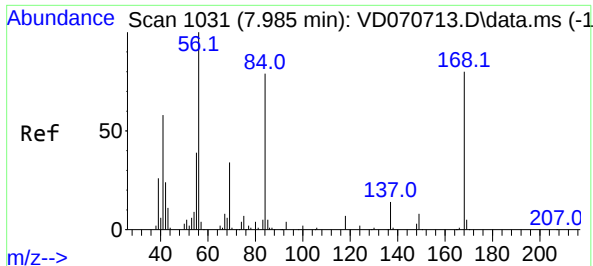
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#30
Chloroform
Concen: 2.90 ug/l
RT: 7.709 min Scan# 984
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

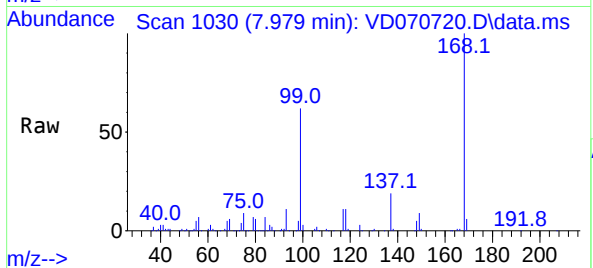
Tgt Ion:	83	Resp:	26866
Ion	Ratio	Lower	Upper
83	100		
85	74.8	51.2	76.8





#31
Cyclohexane
Concen: 3.18 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

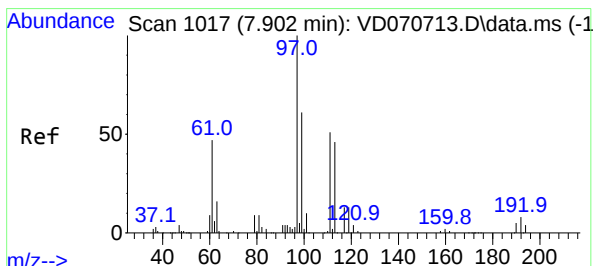
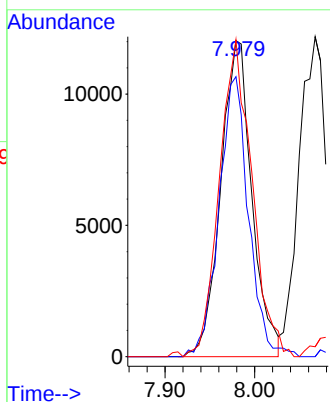
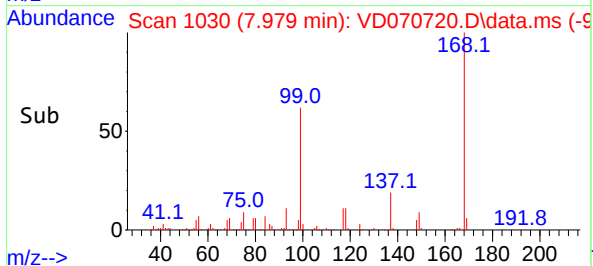
Instrument :
MSVOA_D
ClientSampleId :
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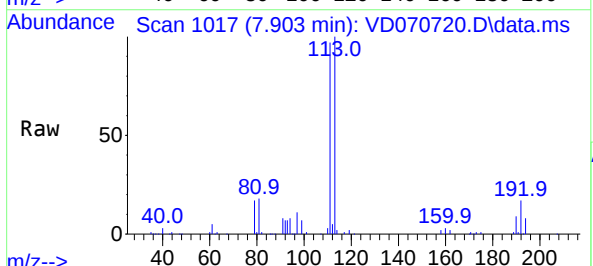
Tgt Ion: 56 Resp: 28930
Ion Ratio Lower Upper
56 100
69 88.6 27.4 41.2#
84 98.8 73.6 110.4

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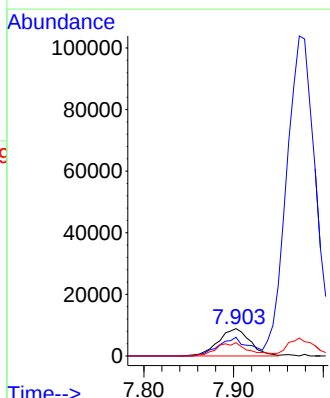
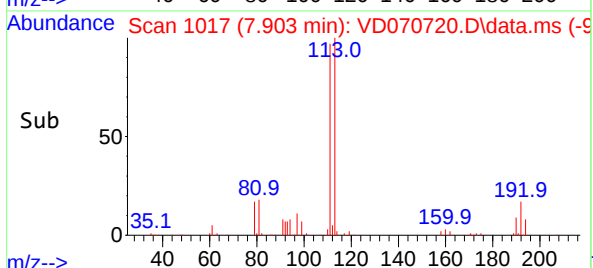
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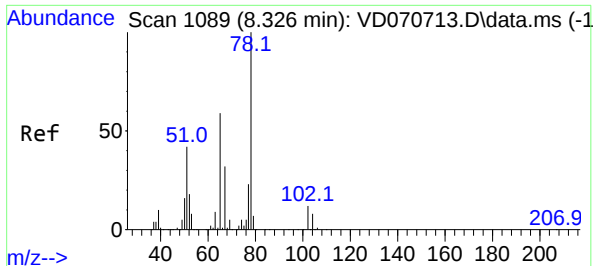


#32
1,1,1-Trichloroethane
Concen: 2.75 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



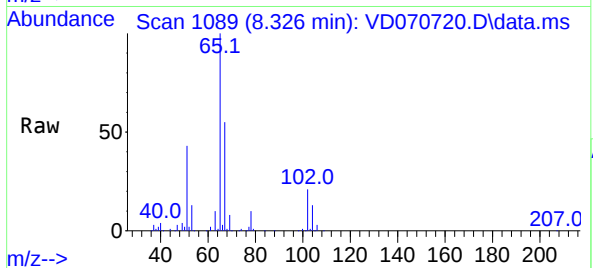
Tgt Ion: 97 Resp: 21607
Ion Ratio Lower Upper
97 100
99 66.1 50.7 76.1
61 49.2 32.5 48.7#





#33
1,2-Dichloroethane-d4
Concen: 56.89 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

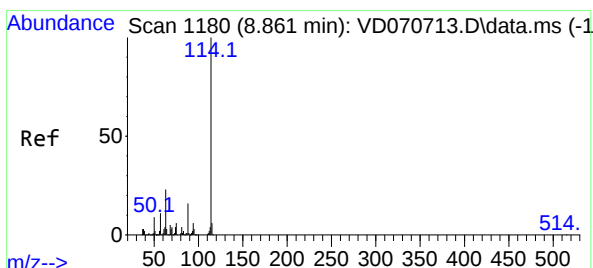
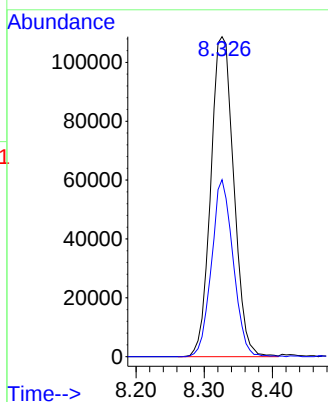
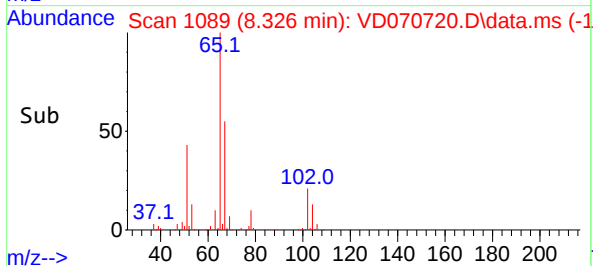
Instrument :
MSVOA_D
ClientSampleId :
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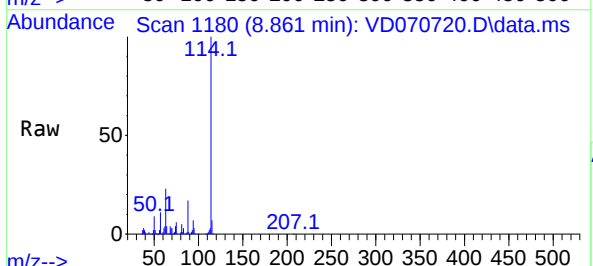
Tgt Ion: 65 Resp: 255710
Ion Ratio Lower Upper
65 100
67 51.9 0.0 110.2

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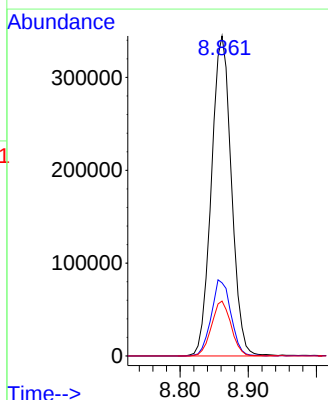
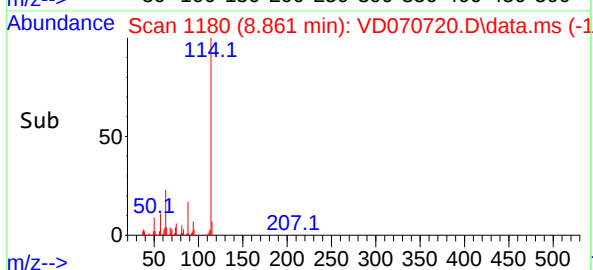
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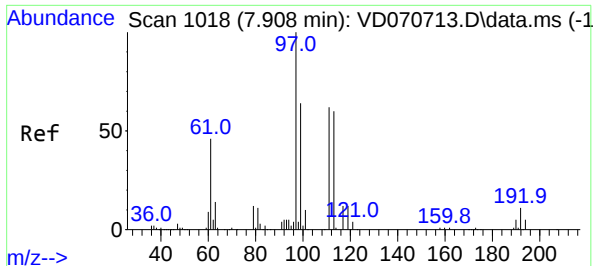


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

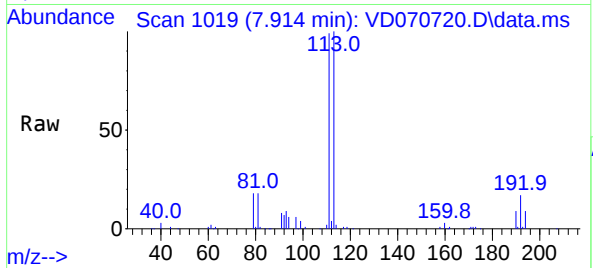


Tgt Ion: 114 Resp: 704011
Ion Ratio Lower Upper
114 100
63 22.9 0.0 41.8
88 17.2 0.0 32.6

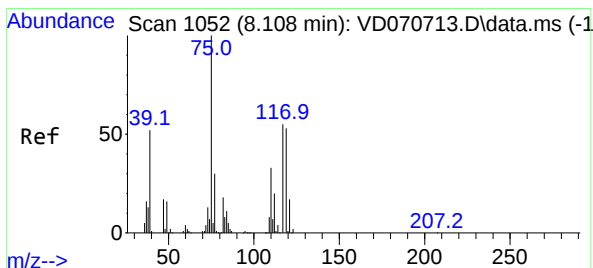
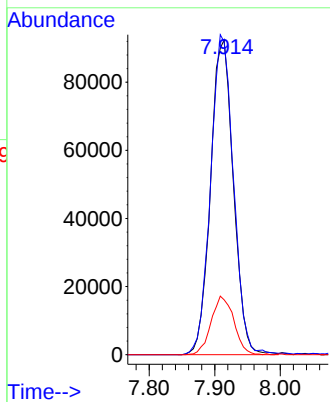
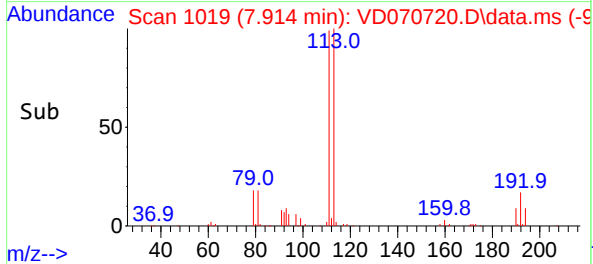




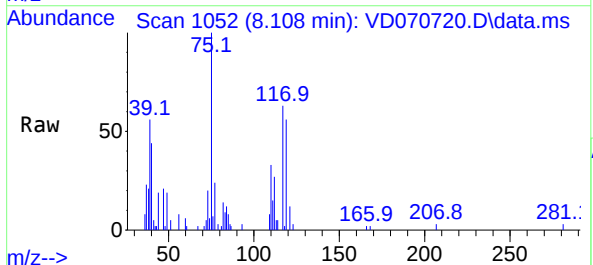
#35
Dibromofluoromethane
Concen: 49.59 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



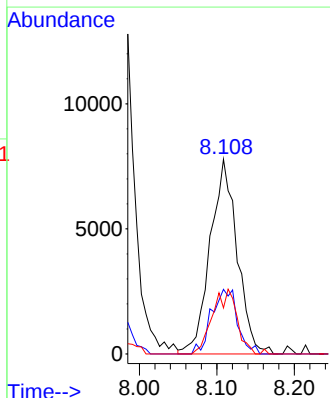
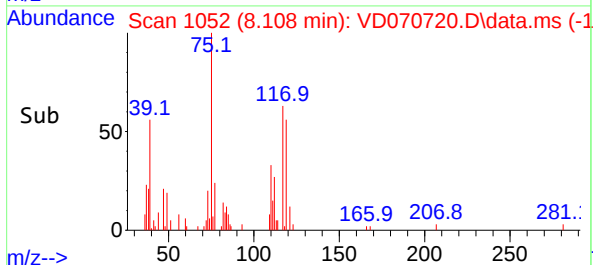
Tgt Ion: 113 Resp: 223542
Ion Ratio Lower Upper
113 100
111 101.8 83.1 124.7
192 18.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 2.41 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



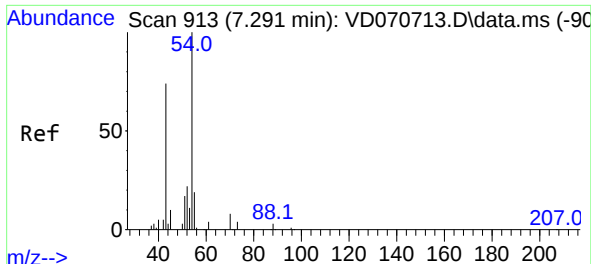
Tgt Ion: 75 Resp: 18881
Ion Ratio Lower Upper
75 100
110 31.7 17.2 51.6
77 29.9 24.2 36.4



Instrument :
MSVOA_D
ClientSampleId :
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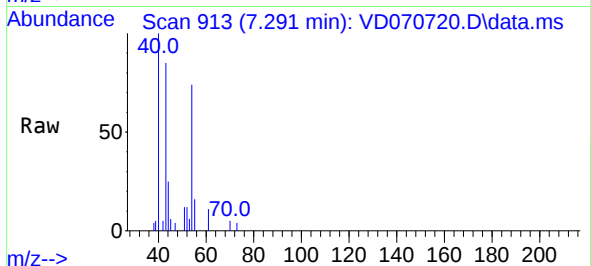
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#37
Ethyl Acetate
Concen: 2.64 ug/l
RT: 7.291 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

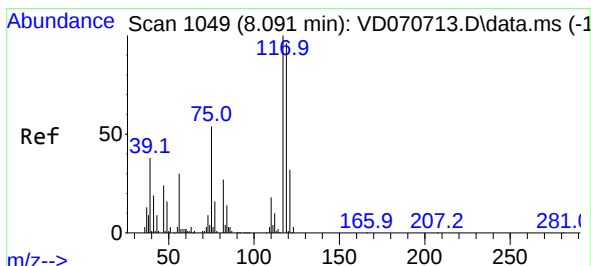
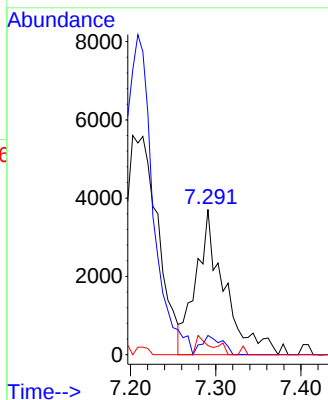
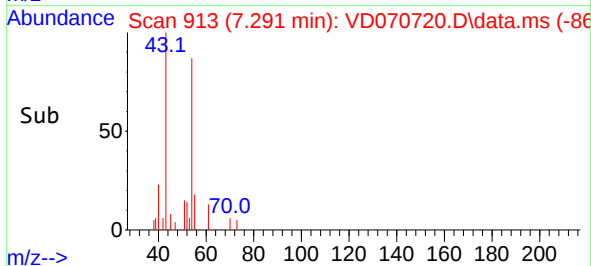
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021



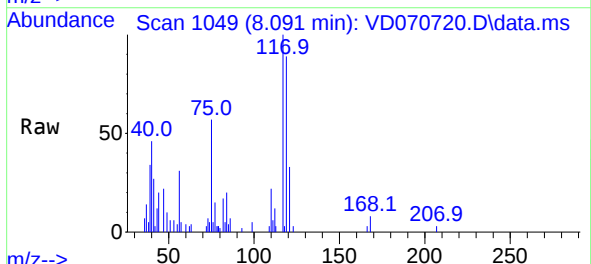
Tgt Ion: 43 Resp: 8586
Ion Ratio Lower Upper
43 100
61 9.5 12.9 19.3#
70 7.3 9.9 14.9#

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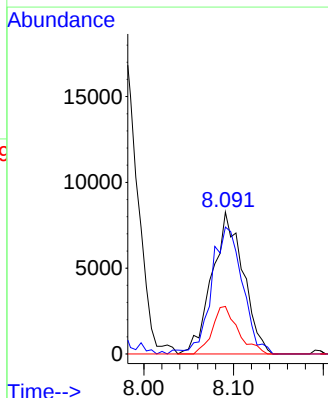
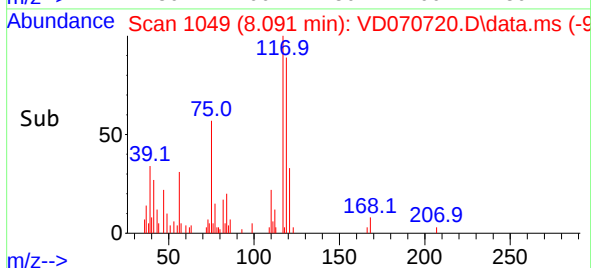
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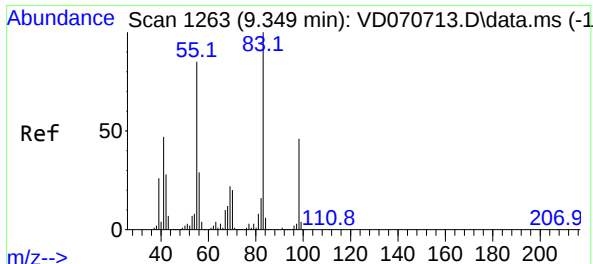


#38
Carbon Tetrachloride
Concen: 2.66 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



Tgt Ion: 117 Resp: 19946
Ion Ratio Lower Upper
117 100
119 89.5 77.4 116.0
121 33.5 25.4 38.0





#39

Methylcyclohexane

Concen: 2.21 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.006 min

Lab File: VD070720.D

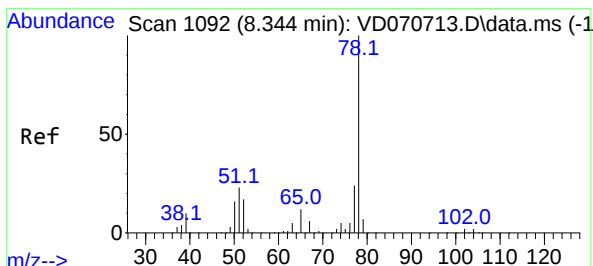
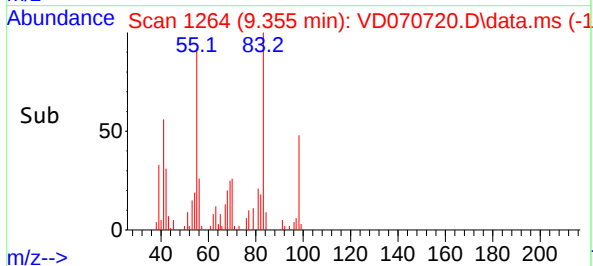
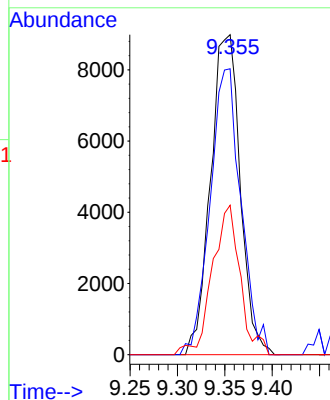
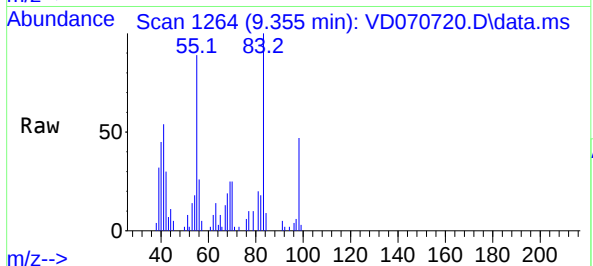
Acq: 15 Oct 2021 17:09

Tgt Ion:	83	Resp:	19574
Ion	Ratio	Lower	Upper
83	100		
55	89.3	58.2	87.4#
98	46.7	36.9	55.3

Instrument :
MSVOA_D
ClientSampleId :
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#40

Benzene

Concen: 2.50 ug/l

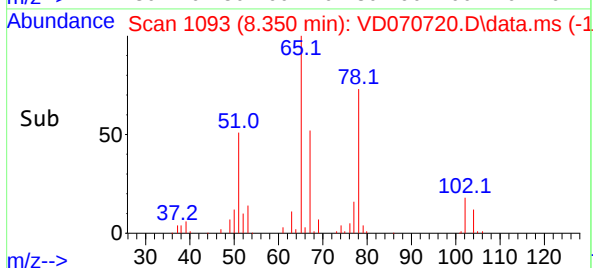
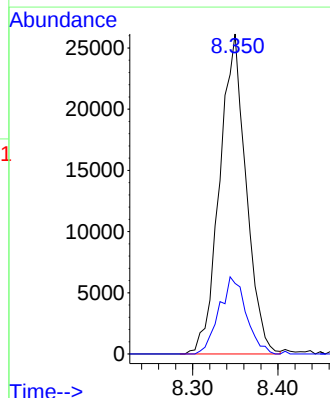
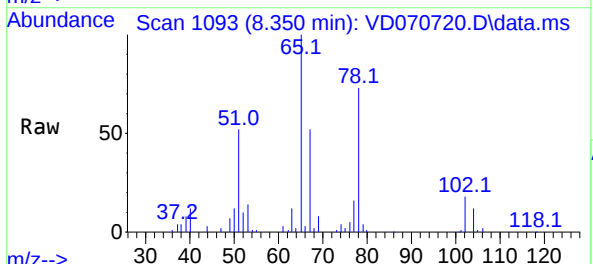
RT: 8.350 min Scan# 1093

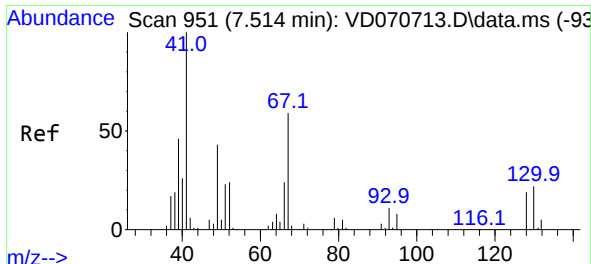
Delta R.T. 0.006 min

Lab File: VD070720.D

Acq: 15 Oct 2021 17:09

Tgt Ion:	78	Resp:	56412
Ion	Ratio	Lower	Upper
78	100		
77	22.0	18.9	28.3





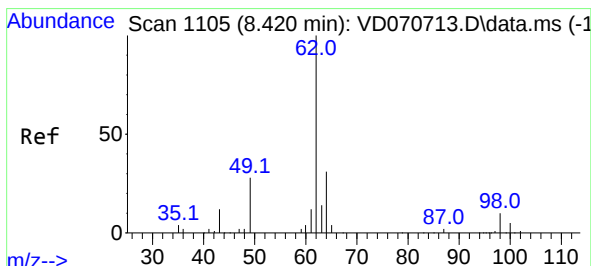
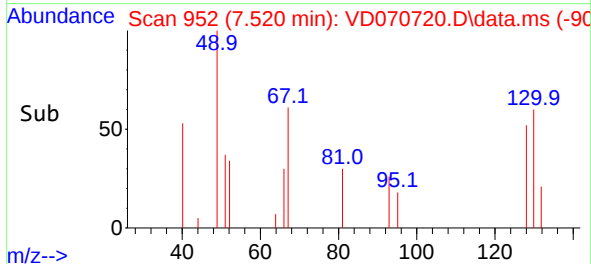
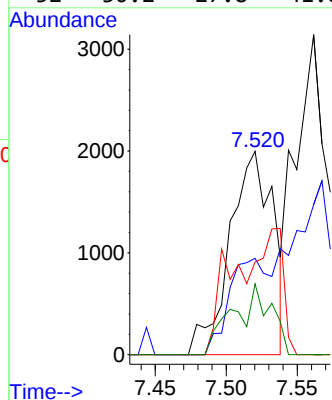
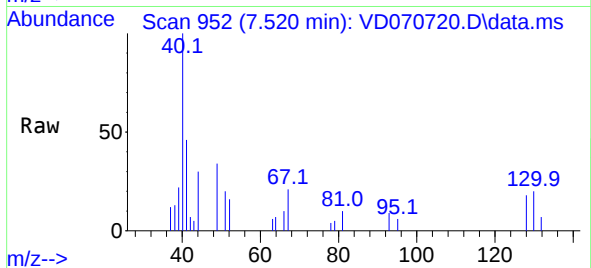
#41
Methacrylonitrile
Concen: 2.28 ug/l
RT: 7.520 min Scan# 952
Delta R.T. 0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion:	41	Resp:	4245
Ion	Ratio	Lower	Upper
41	100		
39	44.8	45.2	67.8#
67	37.5	75.8	113.6#
52	30.2	27.8	41.8

Instrument :
MSVOA_D
ClientSampleId :
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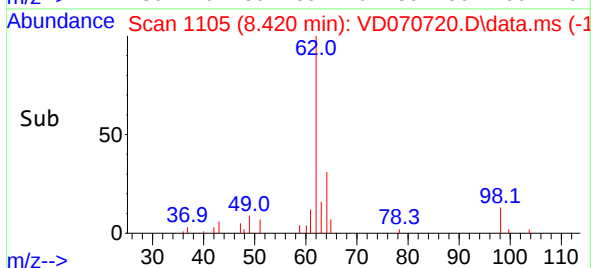
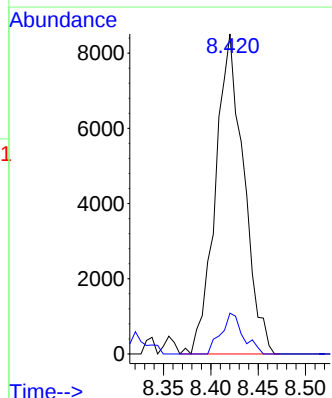
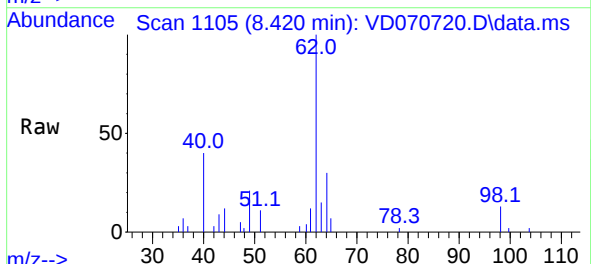
Manual Integrations
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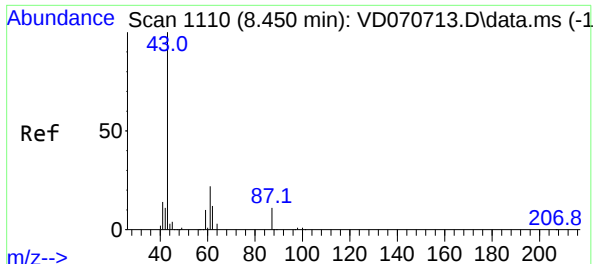
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#42
1,2-Dichloroethane
Concen: 2.76 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

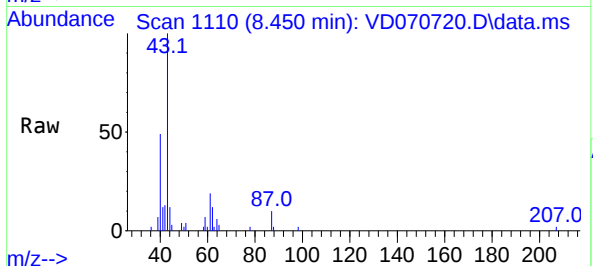
Tgt Ion:	62	Resp:	17720
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	22.0



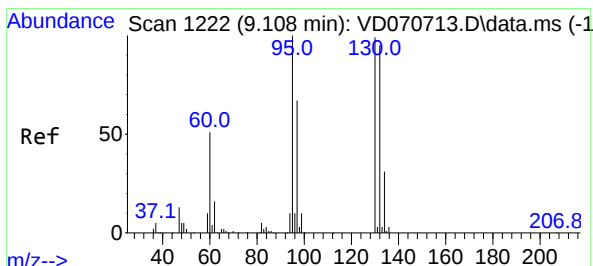
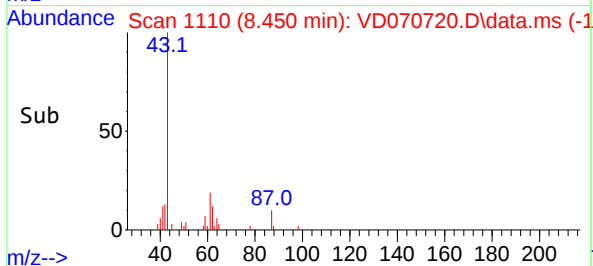
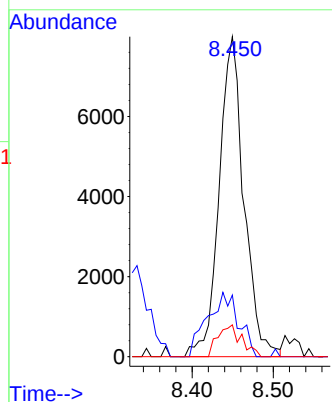


#43

Isopropyl Acetate
Concen: 2.74 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

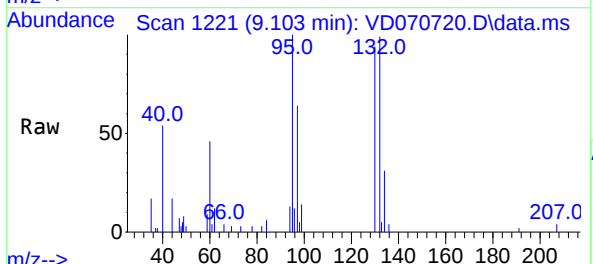


Tgt Ion:	43	Resp:	16996
Ion Ratio	Lower	Upper	
43	100		
61	25.4	29.0	43.4#
87	9.5	11.8	17.6#

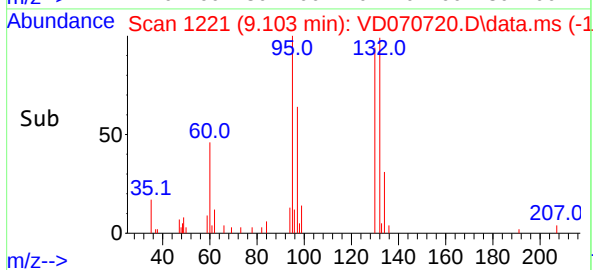
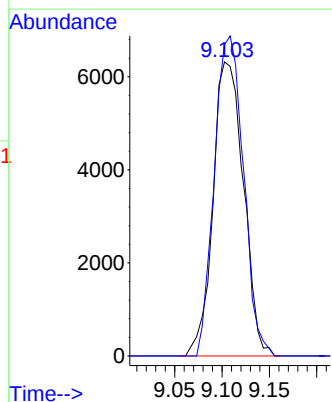


#44

Trichloroethene
Concen: 2.66 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



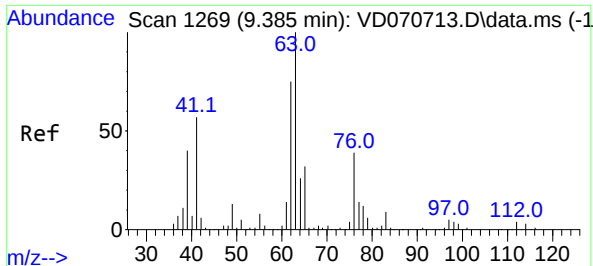
Tgt Ion:	130	Resp:	14129
Ion Ratio	Lower	Upper	
130	100		
95	105.9	0.0	200.8



Instrument :
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ClientSampleId :
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#45

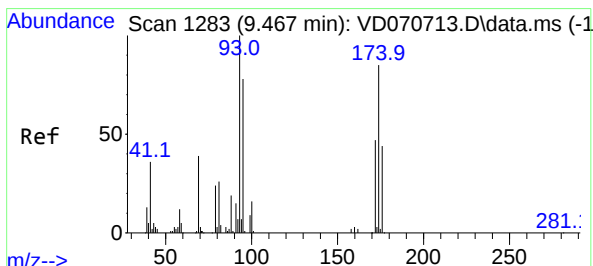
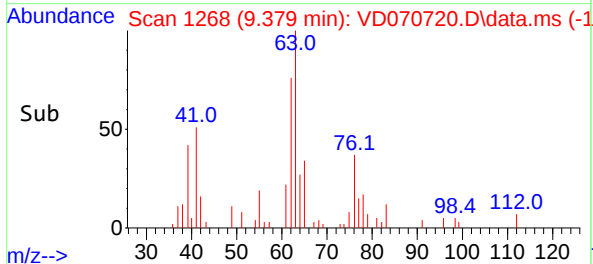
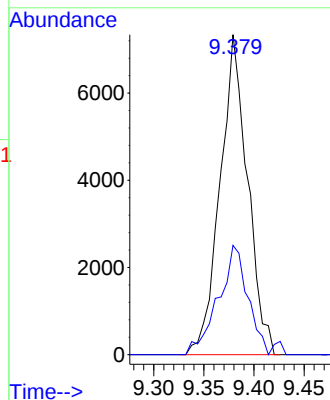
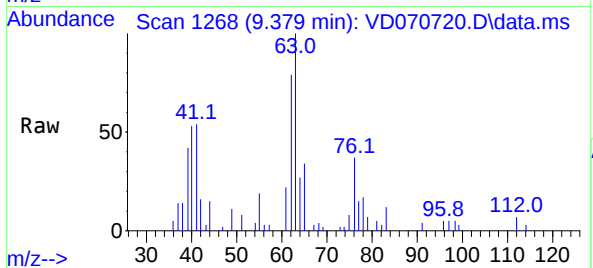
1,2-Dichloropropane
Concen: 2.35 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion: 63 Resp: 13999
Ion Ratio Lower Upper
63 100
65 34.1 23.8 35.8

Instrument :
MSVOA_D
ClientSampleId :
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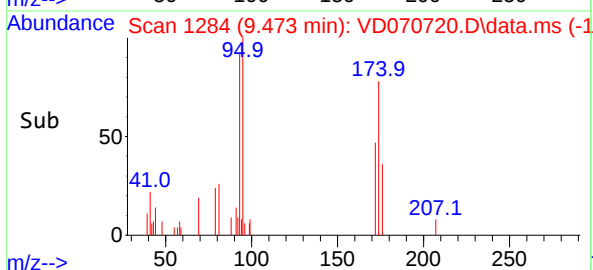
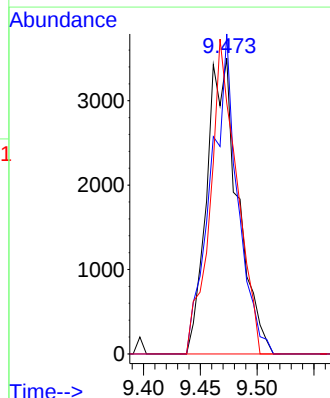
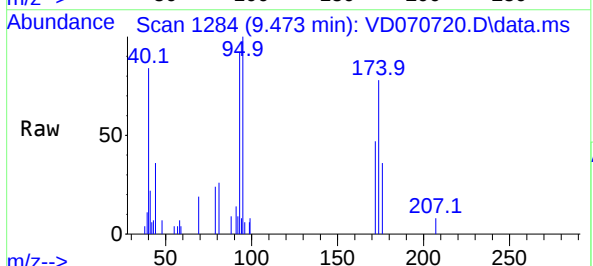
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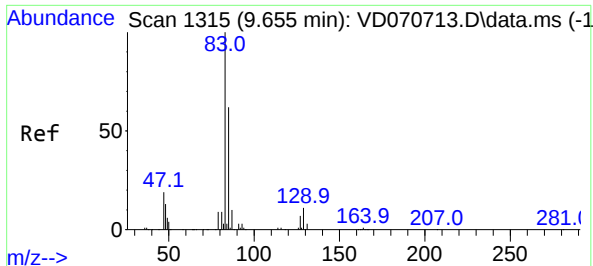


#46

Dibromomethane
Concen: 2.34 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion: 93 Resp: 6694
Ion Ratio Lower Upper
93 100
95 92.9 66.5 99.7
174 91.8 66.7 100.1





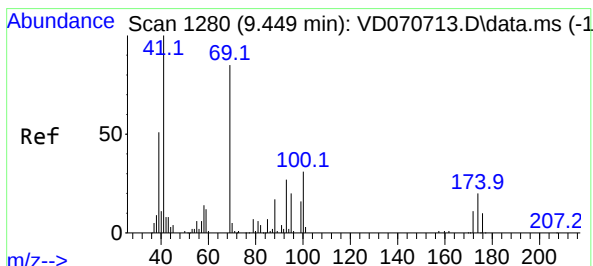
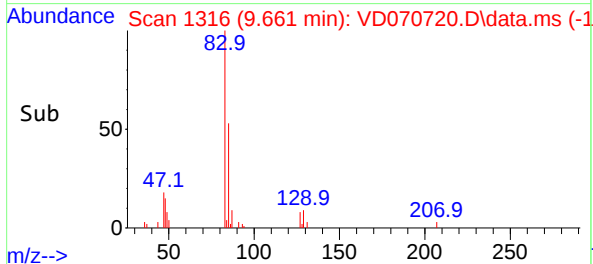
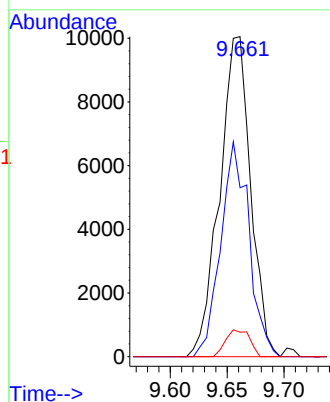
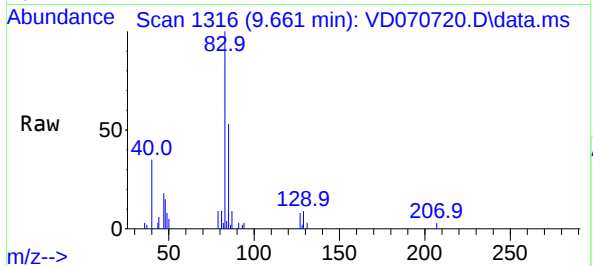
#47
Bromodichloromethane
Concen: 2.52 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion: 83 Resp: 19089
Ion Ratio Lower Upper
83 100
85 52.8 50.7 76.1
127 7.7 6.5 9.7

Instrument :
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ClientSampleId :
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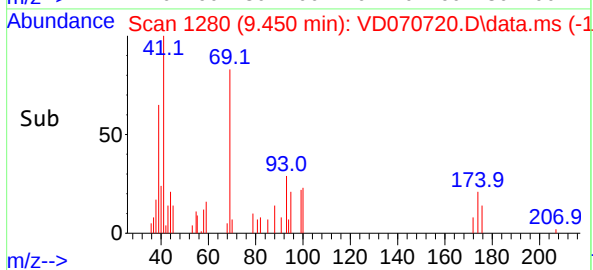
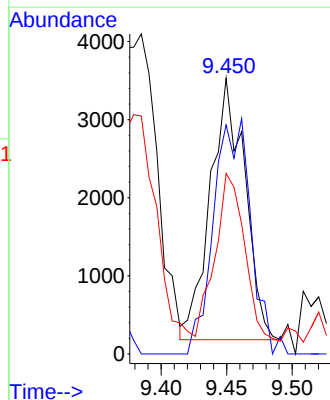
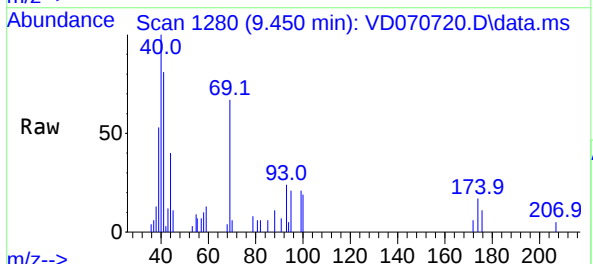
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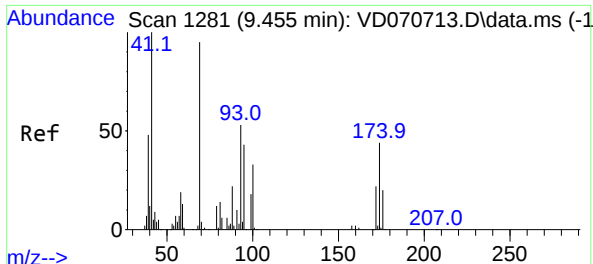
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#48
Methyl methacrylate
Concen: 2.01 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion: 41 Resp: 6097
Ion Ratio Lower Upper
41 100
69 97.1 78.5 117.7
39 65.5 34.9 52.3#





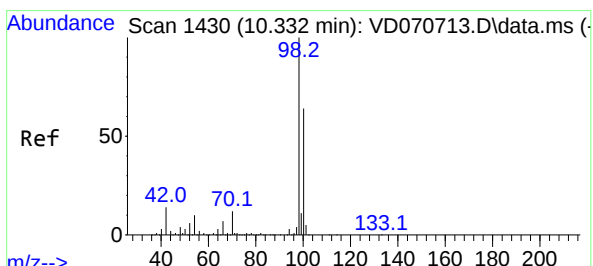
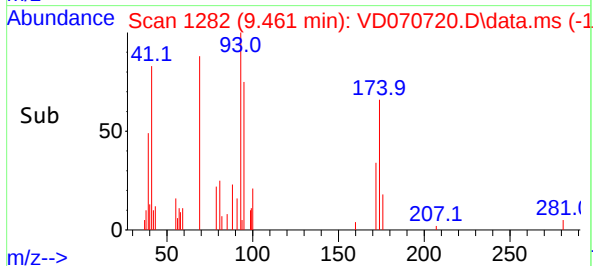
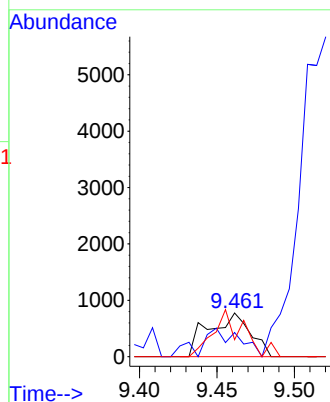
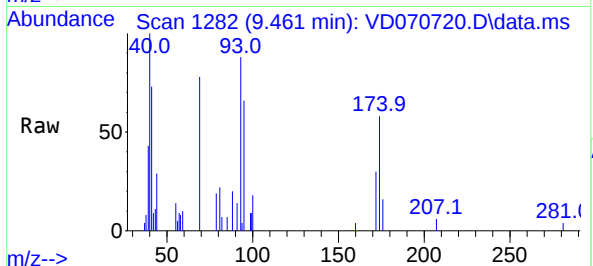
#49
1,4-Dioxane
Concen: 47.25 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion: 88 Resp: 1450
Ion Ratio Lower Upper
88 100
43 60.9 25.1 37.7#
58 78.8 57.4 86.0

Instrument :
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ClientSampleId :
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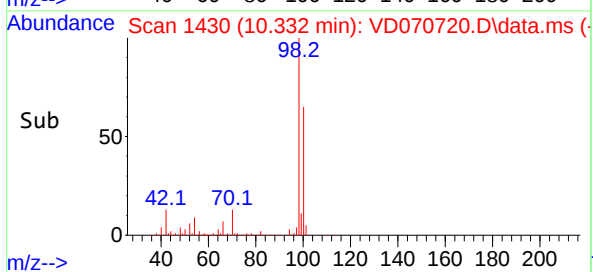
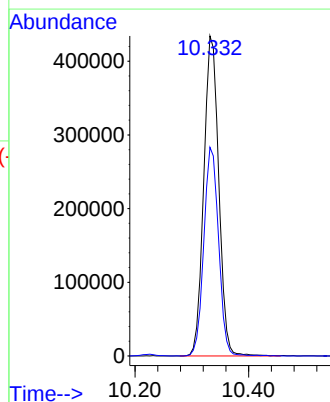
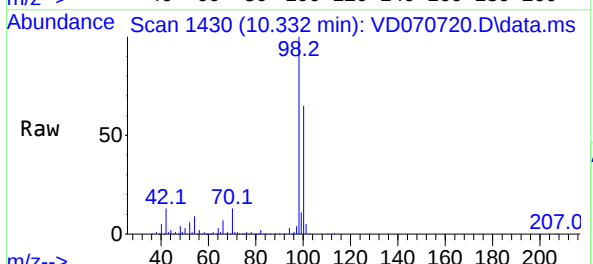
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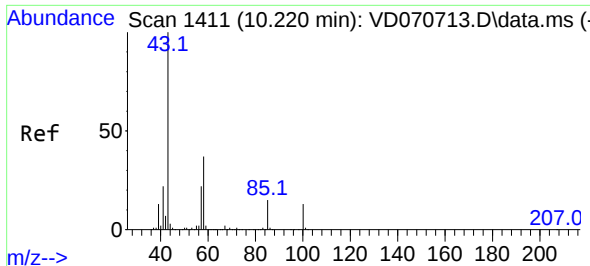
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#50
Toluene-d8
Concen: 45.94 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

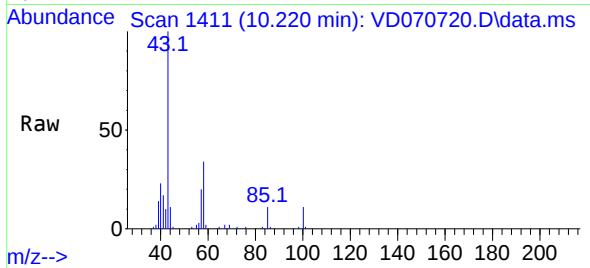
Tgt Ion: 98 Resp: 793891
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 10.71 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

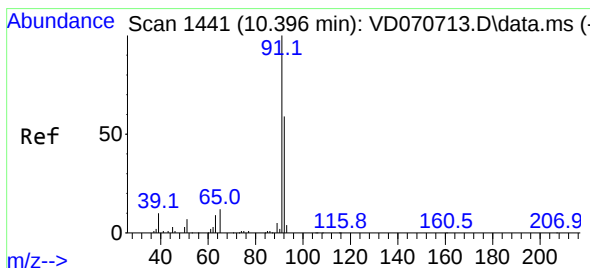
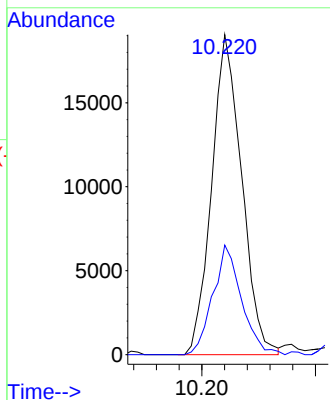
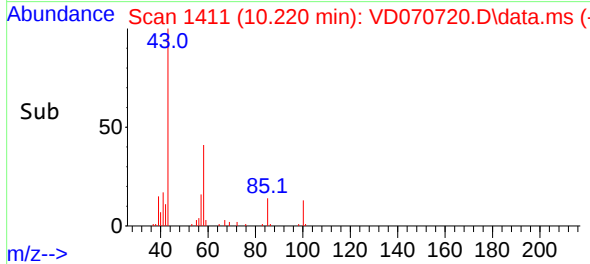
Instrument :
MSVOA_D
ClientSampleId :
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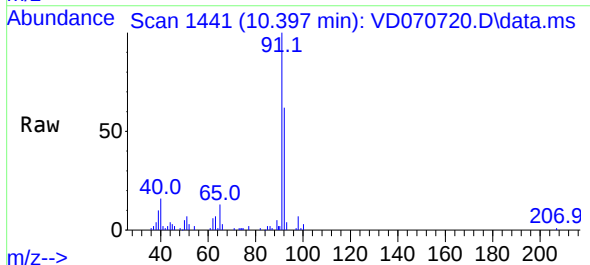
Tgt Ion: 43 Resp: 34974
Ion Ratio Lower Upper
43 100
58 32.6 35.0 52.6#

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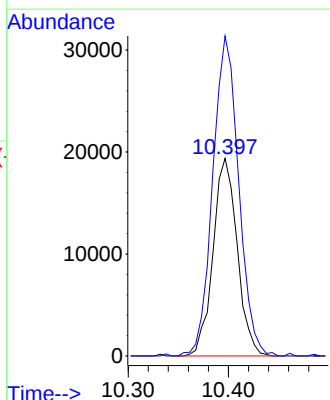
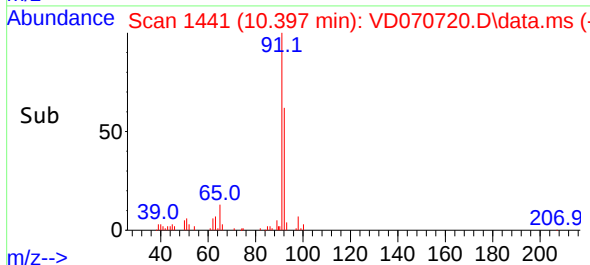
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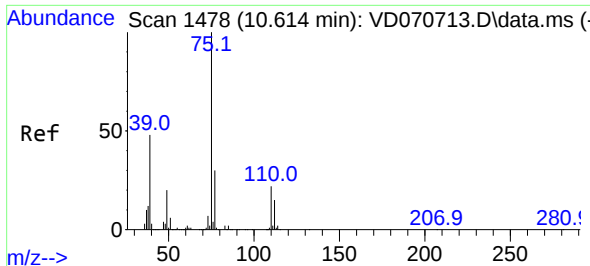


#52
Toluene
Concen: 2.41 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



Tgt Ion: 92 Resp: 32379
Ion Ratio Lower Upper
92 100
91 173.7 136.3 204.5





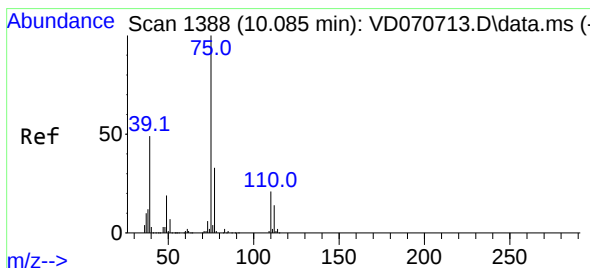
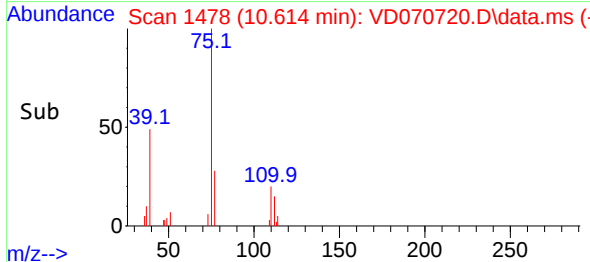
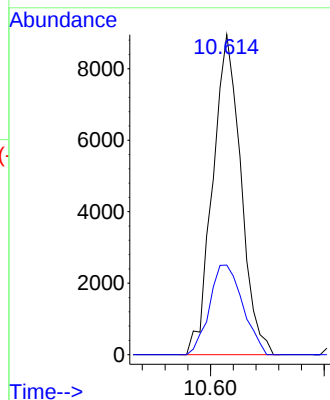
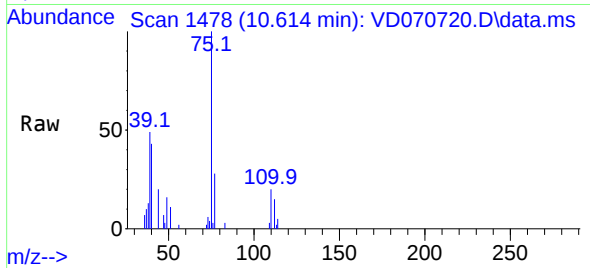
#53
t-1,3-Dichloropropene
Concen: 2.28 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion: 75 Resp: 15440
Ion Ratio Lower Upper
75 100
77 28.0 25.5 38.3

Instrument :
MSVOA_D
ClientSampleId :
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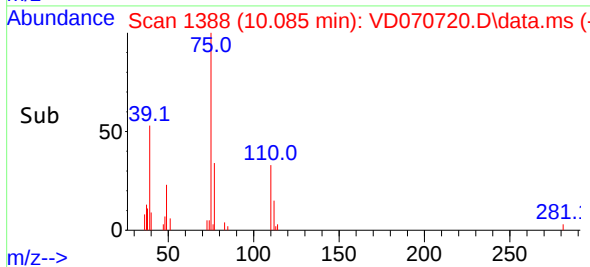
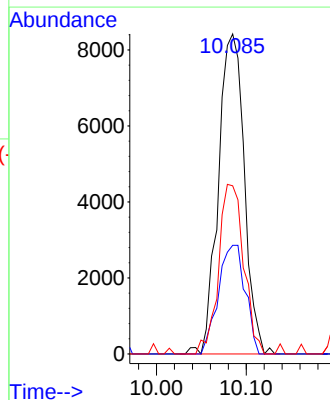
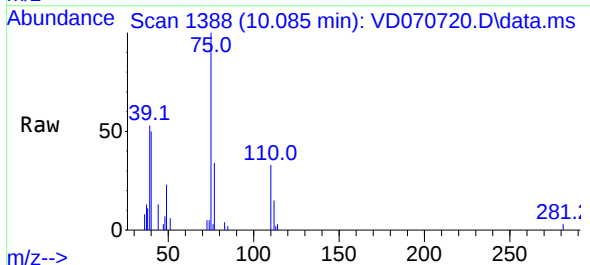
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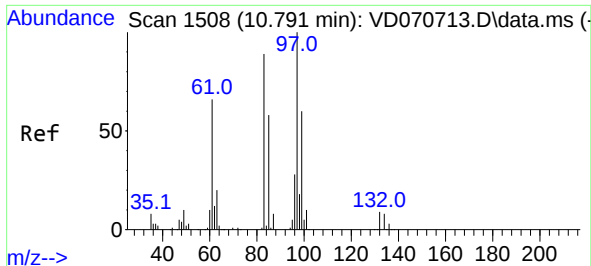
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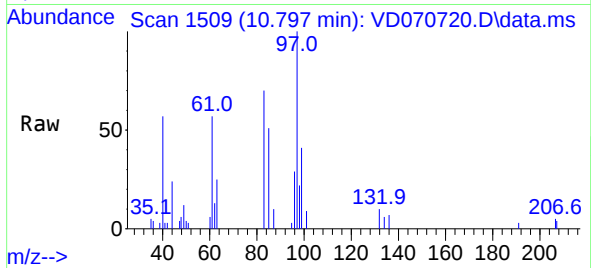
#54
cis-1,3-Dichloropropene
Concen: 2.08 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion: 75 Resp: 16882
Ion Ratio Lower Upper
75 100
77 33.9 25.2 37.8
39 52.6 27.8 41.6#

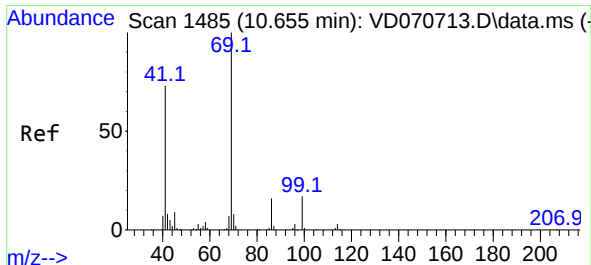
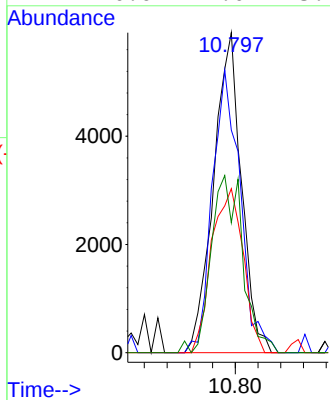
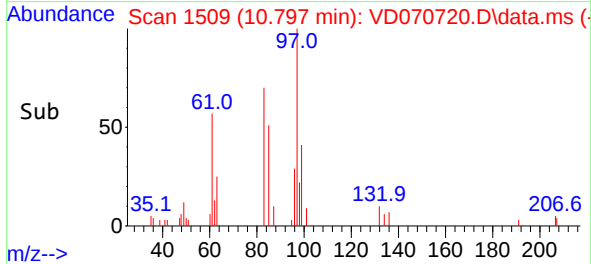




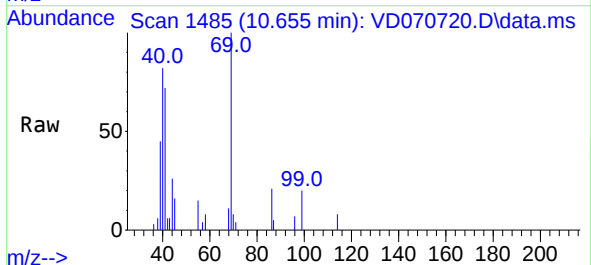
#55
1,1,2-Trichloroethane
Concen: 2.56 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



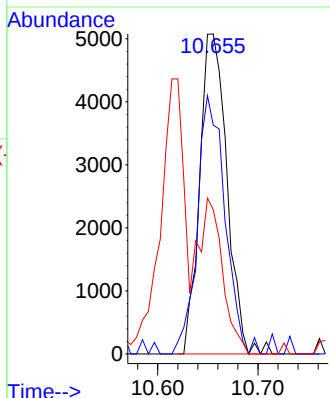
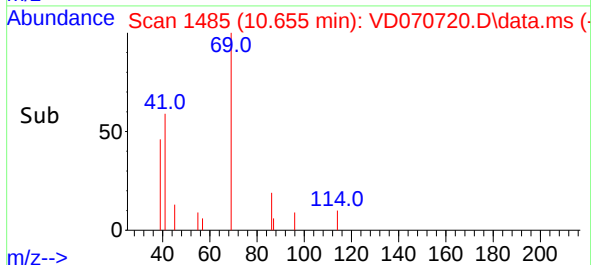
Tgt Ion:	97	Resp:	10061
Ion	Ratio	Lower	Upper
97	100		
83	69.5	69.1	103.7
85	51.3	43.0	64.6
99	40.6	49.0	73.6#



#56
Ethyl methacrylate
Concen: 2.06 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



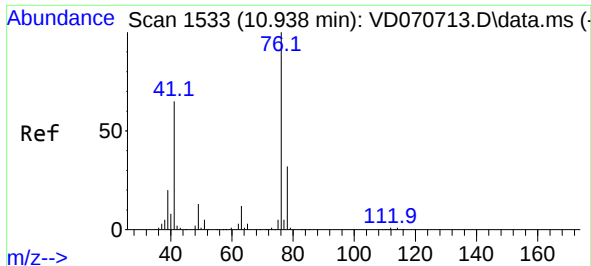
Tgt Ion:	69	Resp:	9631
Ion	Ratio	Lower	Upper
69	100		
41	80.5	44.7	67.1#
39	31.4	19.5	29.3#



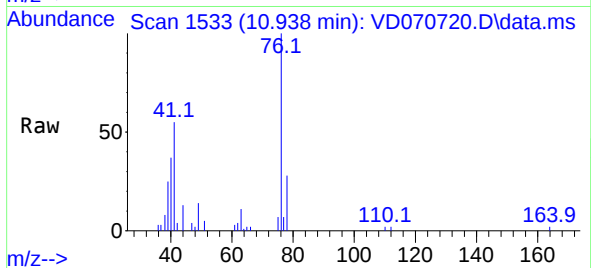
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

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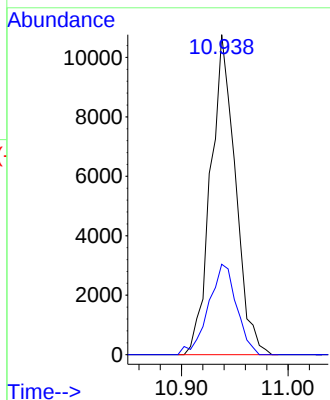
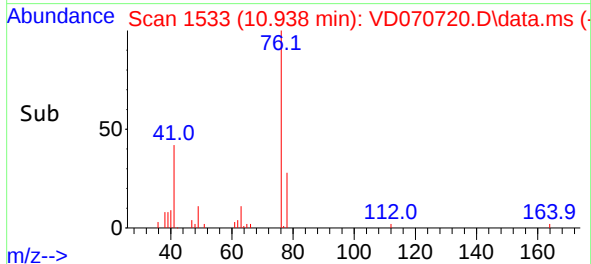
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#57
1,3-Dichloropropane
Concen: 2.49 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



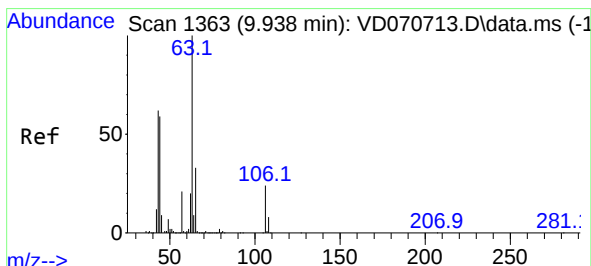
Tgt Ion: 76 Resp: 17338
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9



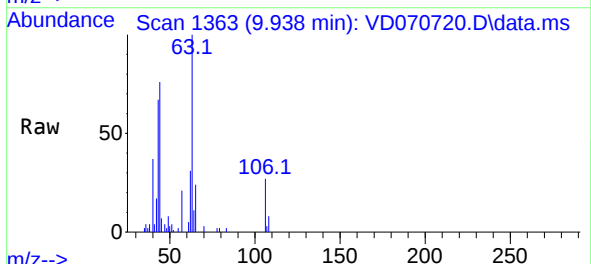
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

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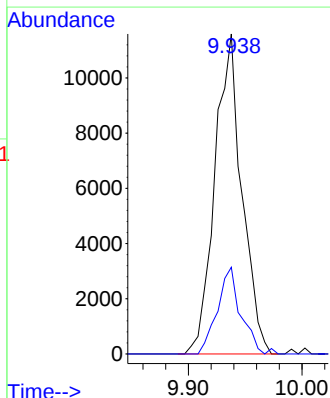
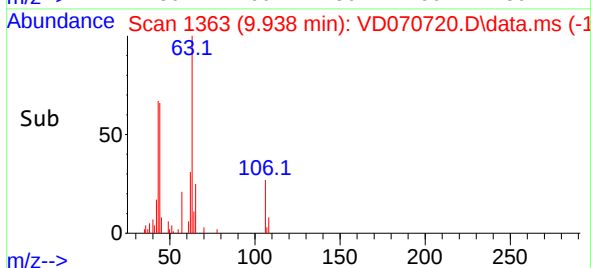
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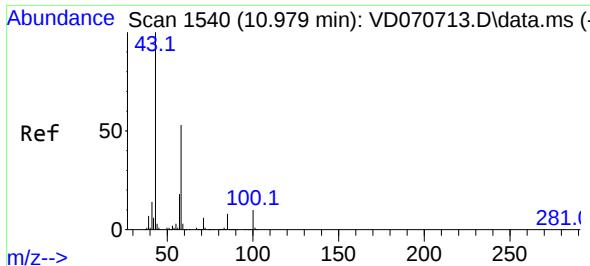


#58
2-Chloroethyl Vinyl ether
Concen: 9.27 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



Tgt Ion: 63 Resp: 19169
Ion Ratio Lower Upper
63 100
106 23.5 22.3 33.5





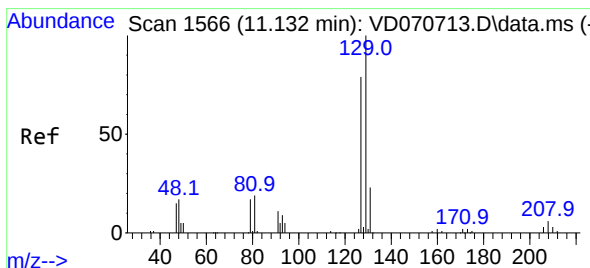
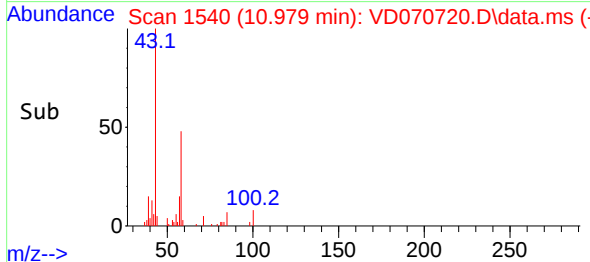
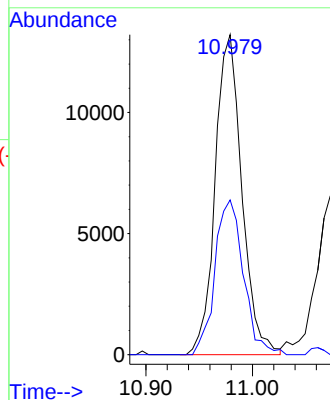
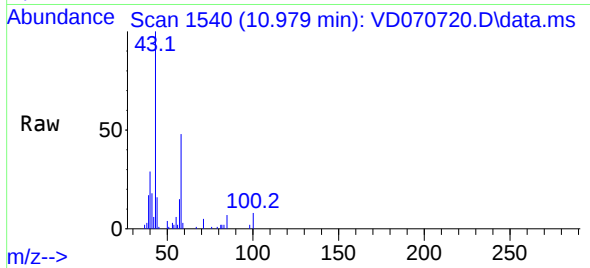
#59
2-Hexanone
Concen: 10.01 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion: 43 Resp: 23021
Ion Ratio Lower Upper
43 100
58 51.6 30.4 91.3

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

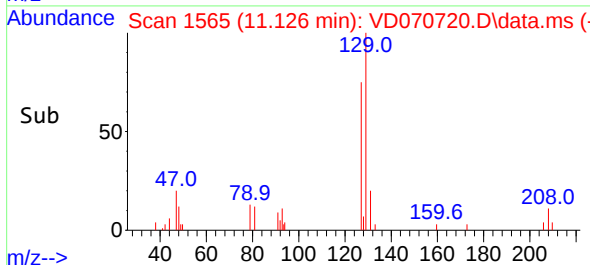
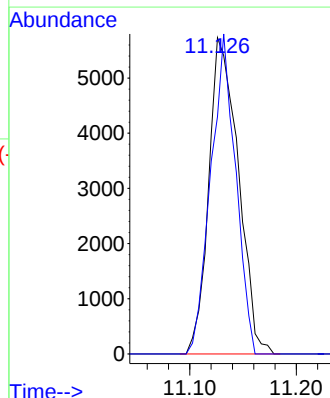
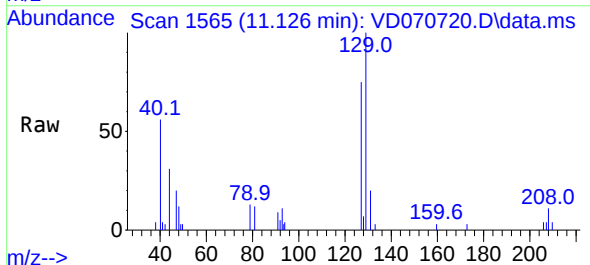
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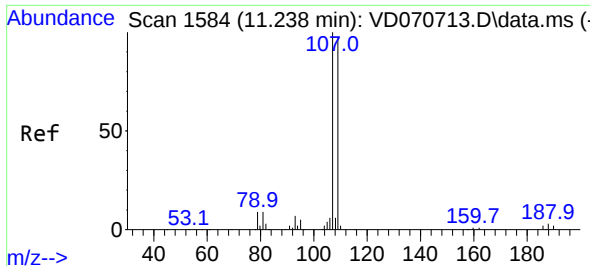
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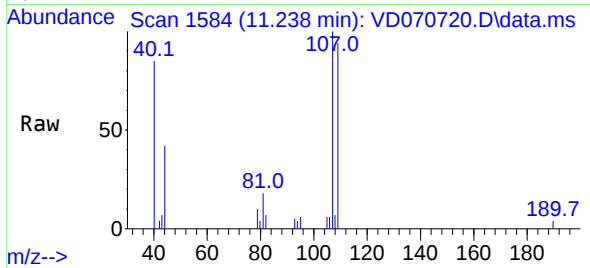
#60
Dibromochloromethane
Concen: 2.45 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion:129 Resp: 11046
Ion Ratio Lower Upper
129 100
127 85.2 38.6 115.8

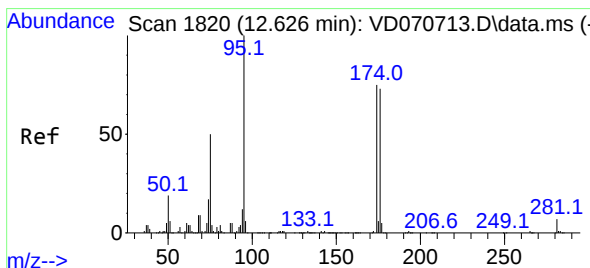
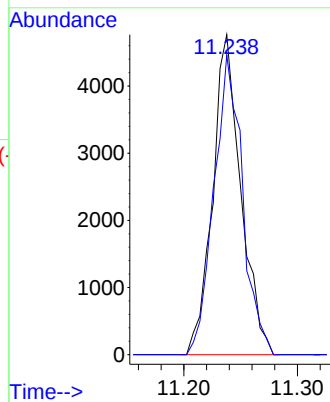
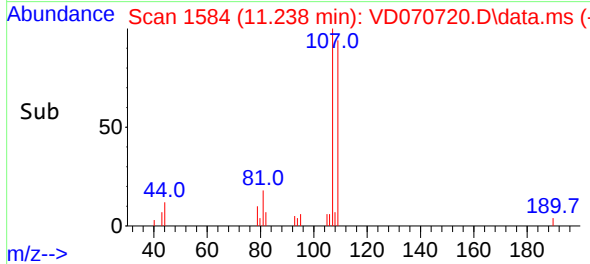




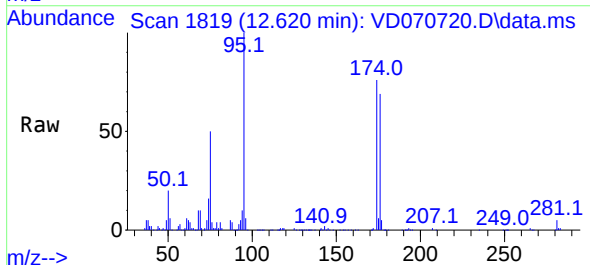
#61
1,2-Dibromoethane
Concen: 2.29 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



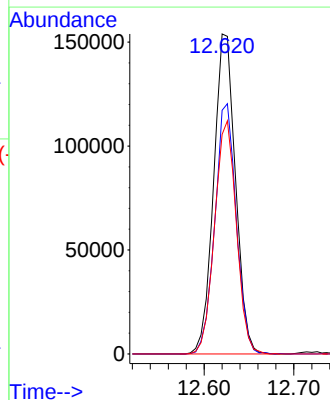
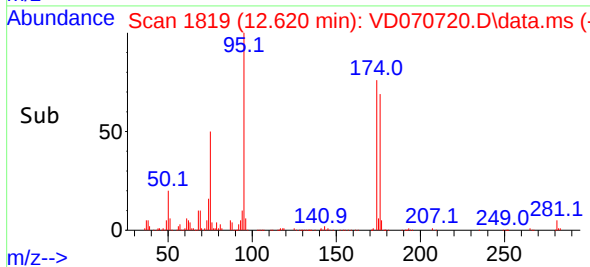
Tgt Ion: 107 Resp: 8212
Ion Ratio Lower Upper
107 100
109 94.8 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 43.66 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



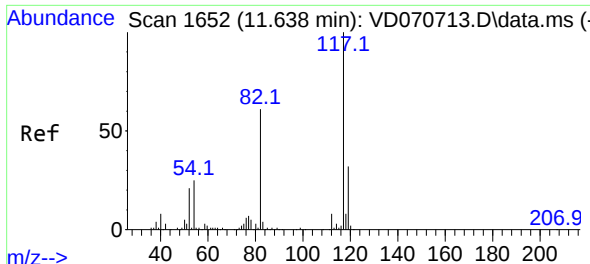
Tgt Ion: 95 Resp: 259798
Ion Ratio Lower Upper
95 100
174 76.7 0.0 138.0
176 72.7 0.0 135.6



Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

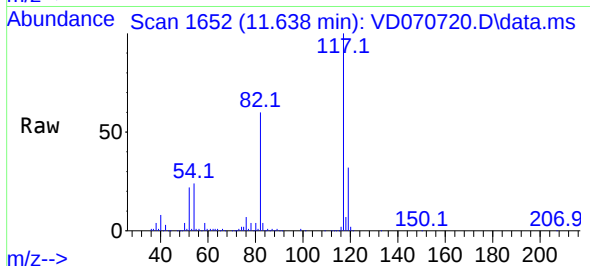
Manual Integrations
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

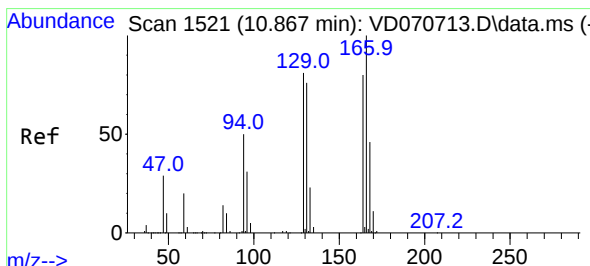
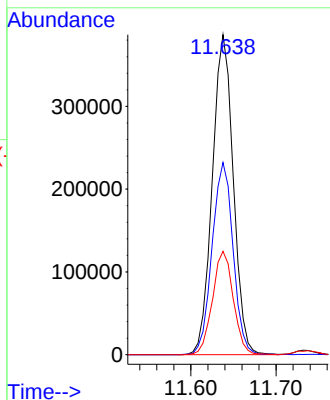
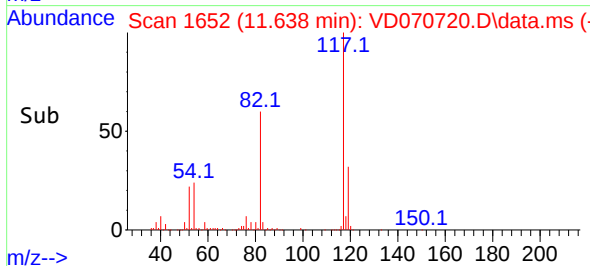
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021



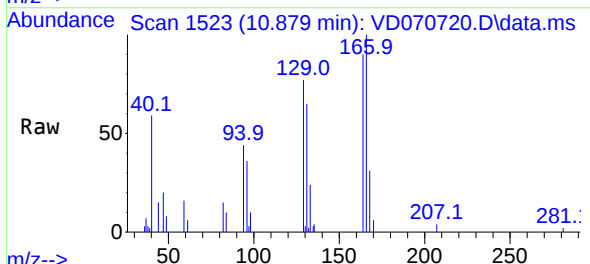
Tgt Ion:117 Resp: 661217
Ion Ratio Lower Upper
117 100
82 60.0 45.4 68.2
119 32.3 24.7 37.1

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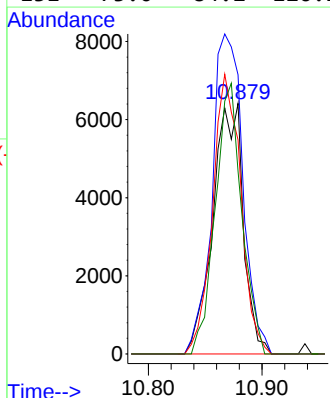
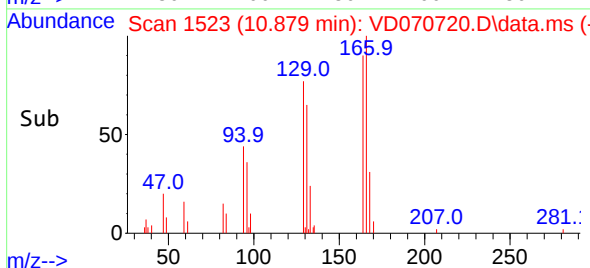
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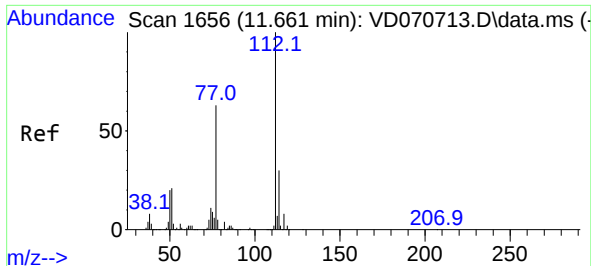


#64
Tetrachloroethene
Concen: 2.67 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.012 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



Tgt Ion:164 Resp: 11855
Ion Ratio Lower Upper
164 100
166 111.5 105.8 158.6
129 85.5 83.8 125.6
131 73.0 84.2 126.2#





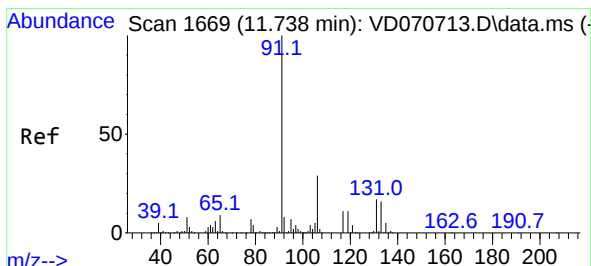
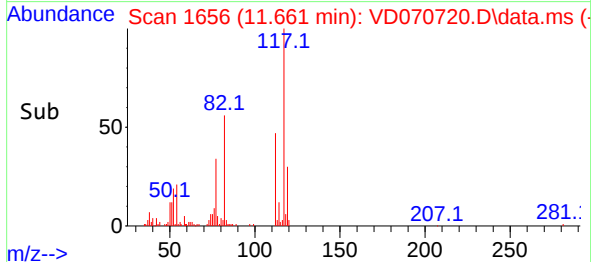
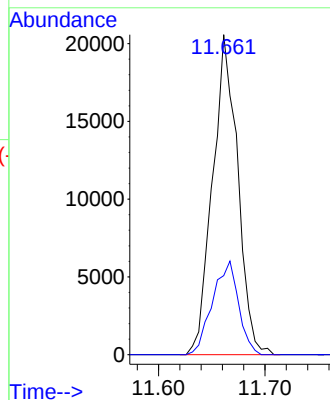
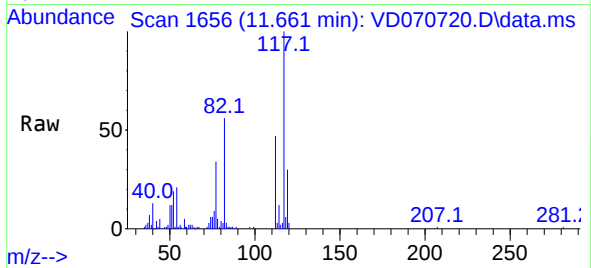
#65
Chlorobenzene
Concen: 2.48 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion:112 Resp: 33656
Ion Ratio Lower Upper
112 100
114 24.7 25.3 37.9#

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

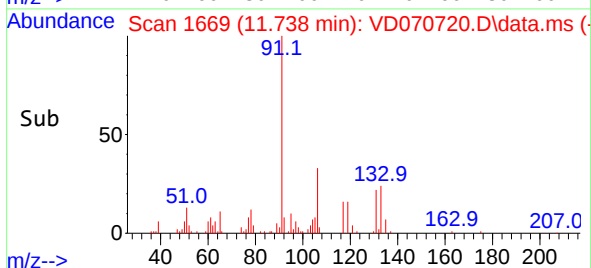
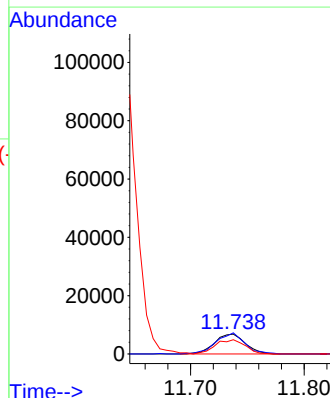
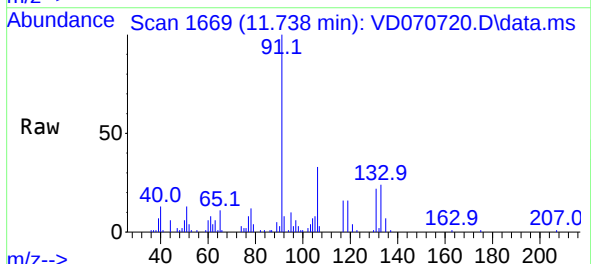
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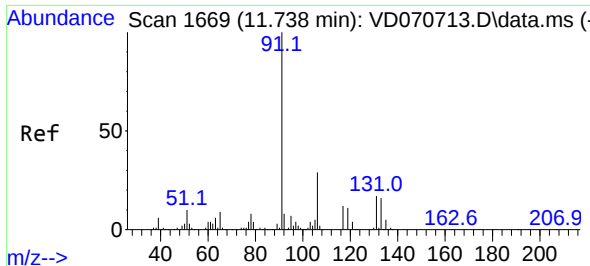
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#66
1,1,1,2-Tetrachloroethane
Concen: 2.54 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

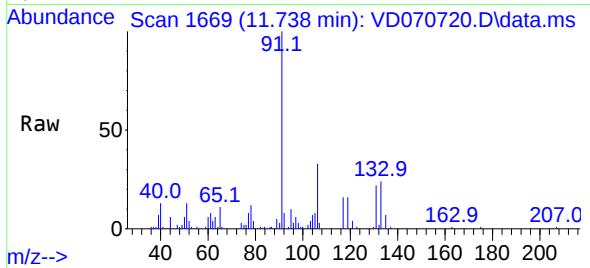
Tgt Ion:131 Resp: 12746
Ion Ratio Lower Upper
131 100
133 99.9 46.8 140.3
119 69.9 32.6 97.7





#67
Ethyl Benzene
Concen: 2.17 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

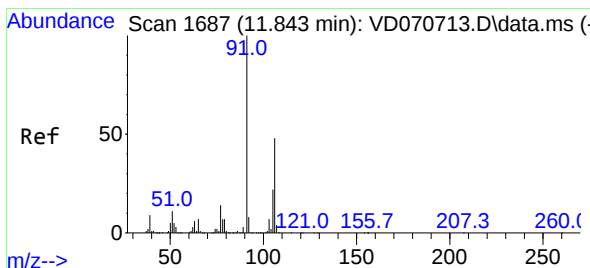
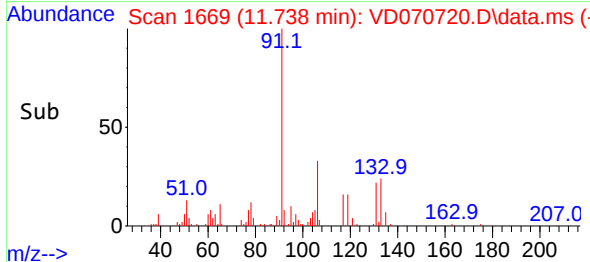
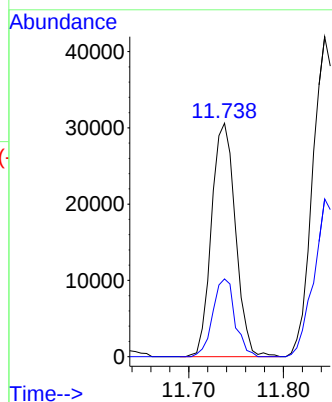
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021



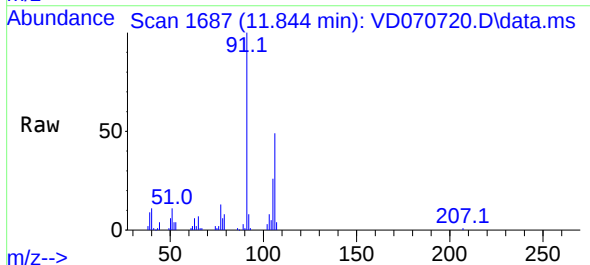
Tgt Ion: 91 Resp: 53867
Ion Ratio Lower Upper
91 100
106 33.3 24.2 36.2

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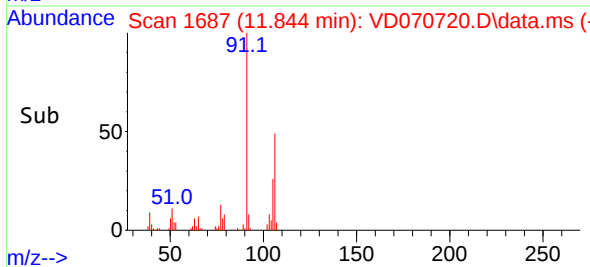
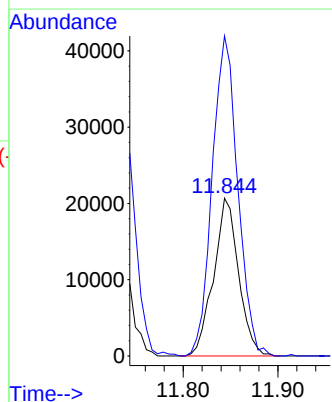
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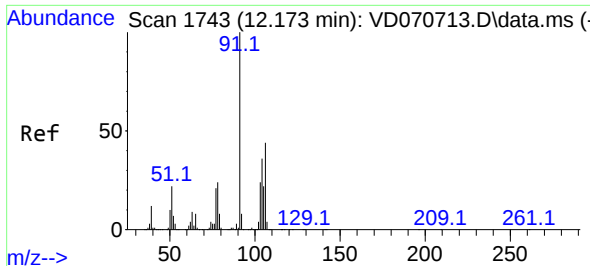


#68
m/p-Xylenes
Concen: 4.04 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



Tgt Ion: 106 Resp: 37939
Ion Ratio Lower Upper
106 100
91 206.8 162.7 244.1





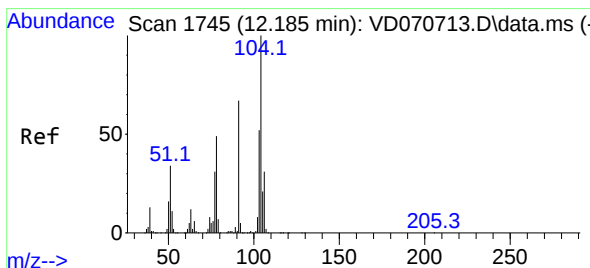
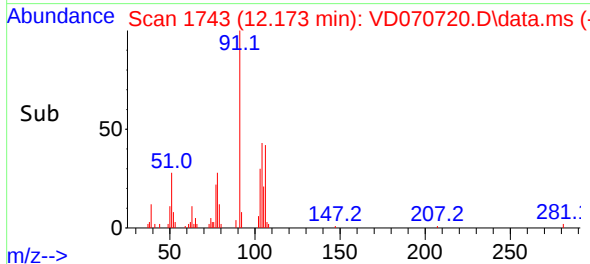
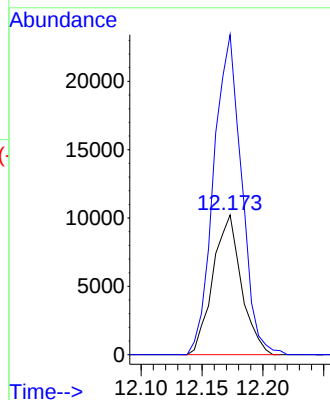
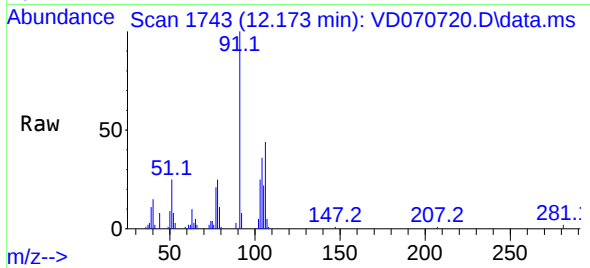
#69
o-Xylene
Concen: 1.95 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion:106 Resp: 16620
Ion Ratio Lower Upper
106 100
91 224.7 107.8 323.6

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

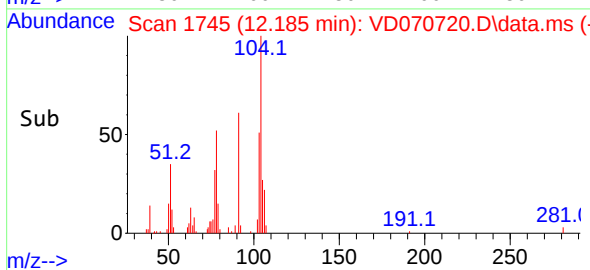
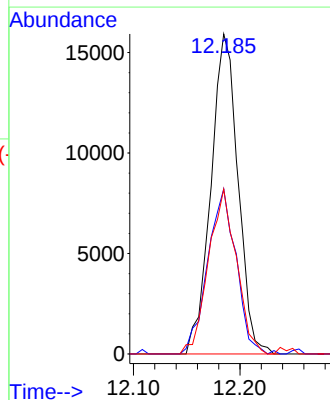
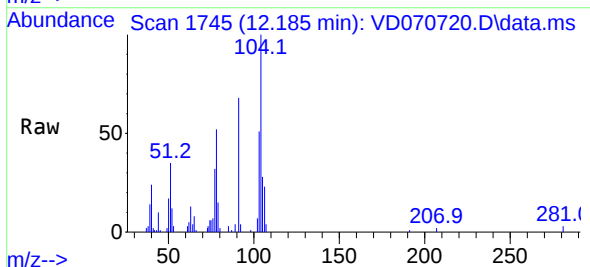
Manual Integrations
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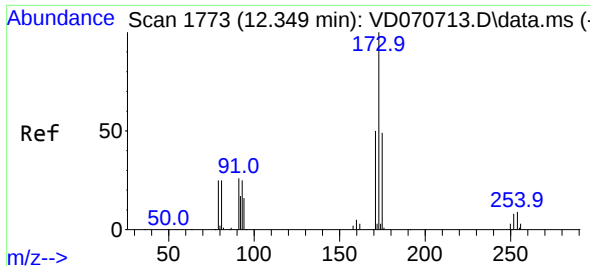
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#70
Styrene
Concen: 1.90 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion:104 Resp: 28146
Ion Ratio Lower Upper
104 100
78 54.1 39.8 59.6
103 53.2 43.4 65.2





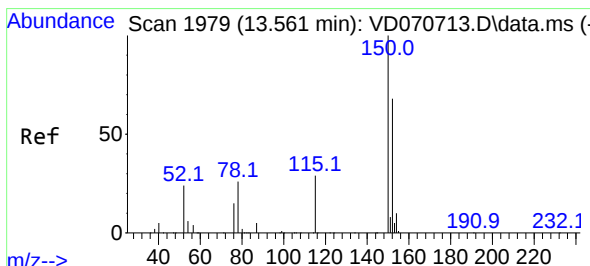
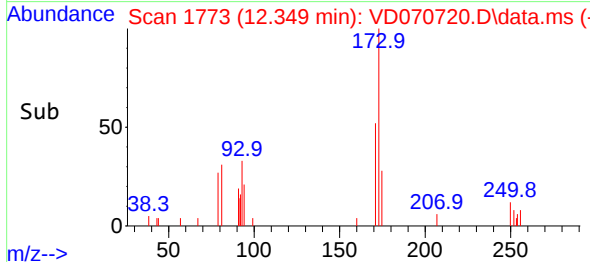
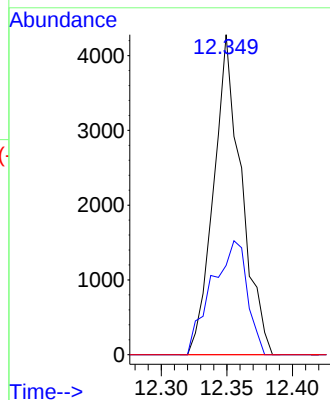
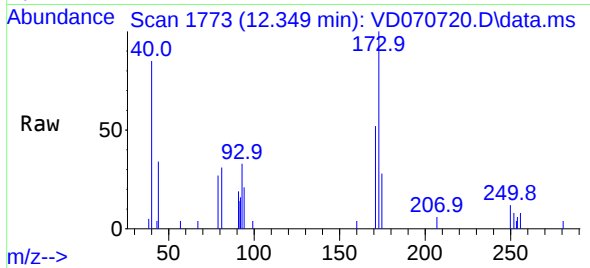
#71
Bromoform
Concen: 2.42 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion:173 Resp: 6298
Ion Ratio Lower Upper
173 100
175 45.6 24.4 73.4
254 0.0 0.0 0.0

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

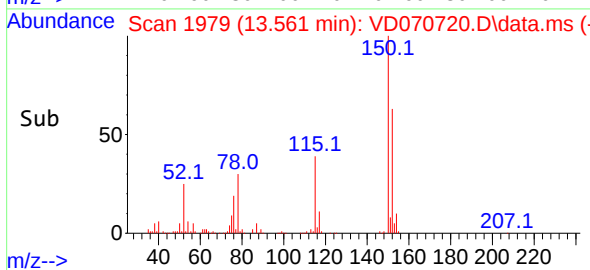
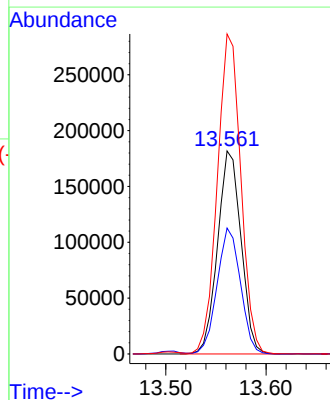
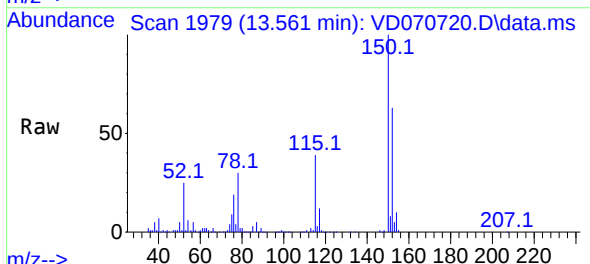
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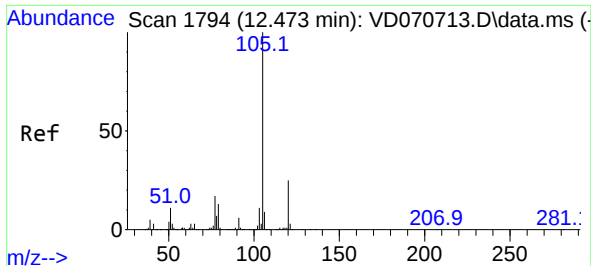
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion:152 Resp: 295319
Ion Ratio Lower Upper
152 100
115 61.8 31.9 95.7
150 158.2 0.0 350.0





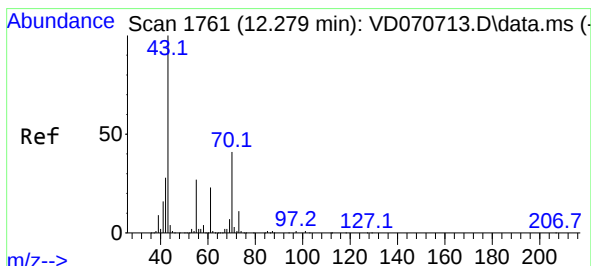
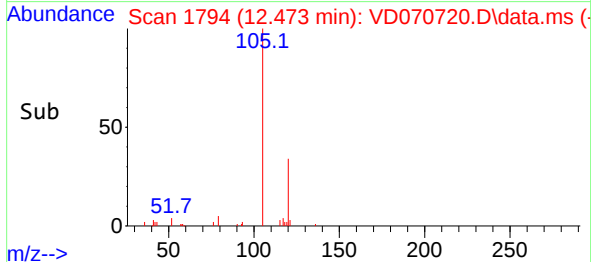
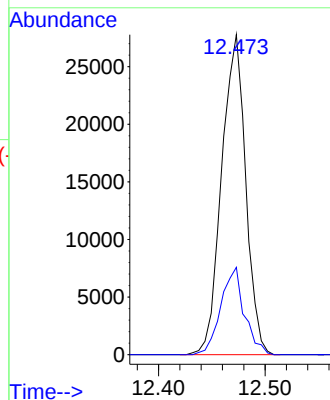
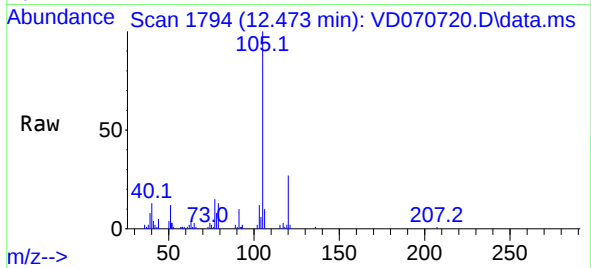
#73
Isopropylbenzene
Concen: 2.07 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion: 105 Resp: 43555
Ion Ratio Lower Upper
105 100
120 26.7 12.8 38.3

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

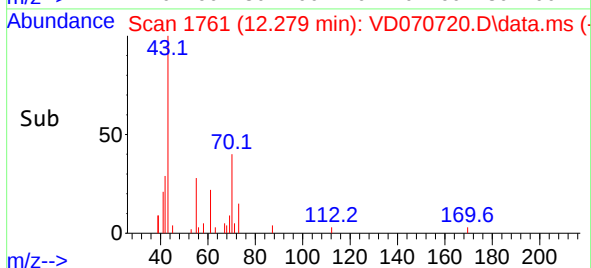
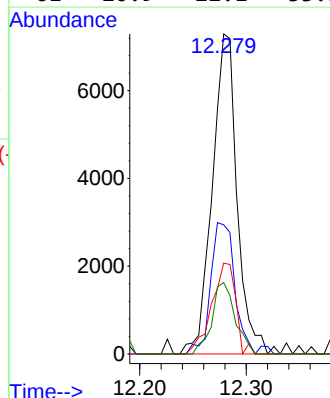
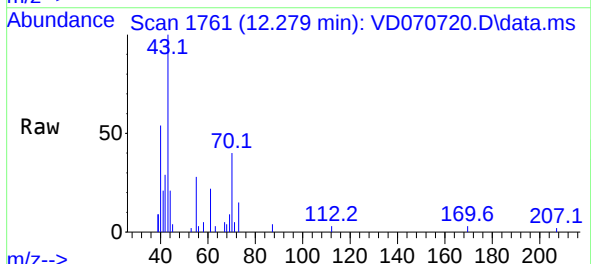
Manual Integrations
APPROVED

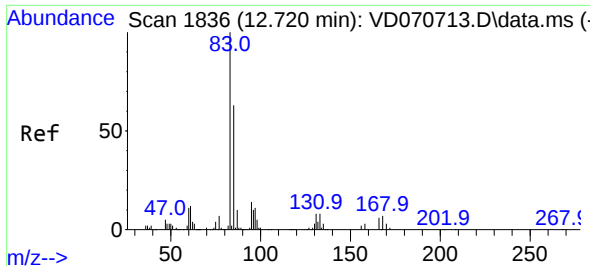
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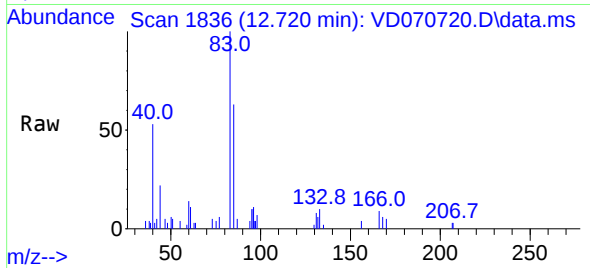
#74
N-ethyl acetate
Concen: 2.16 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion: 43 Resp: 11822
Ion Ratio Lower Upper
43 100
70 39.5 40.0 60.0#
55 27.3 23.8 35.6
61 20.9 22.1 33.1#

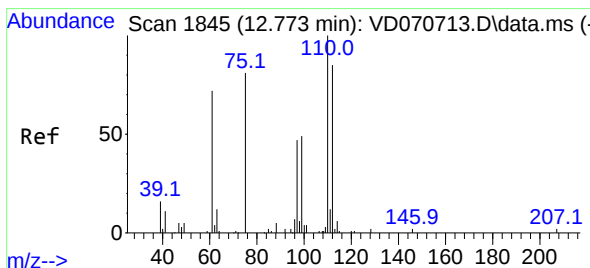
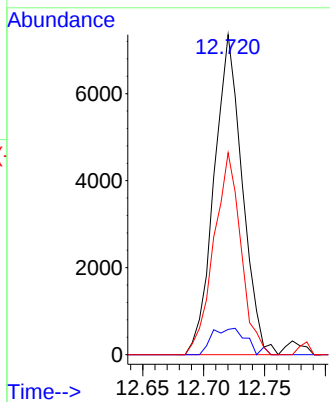
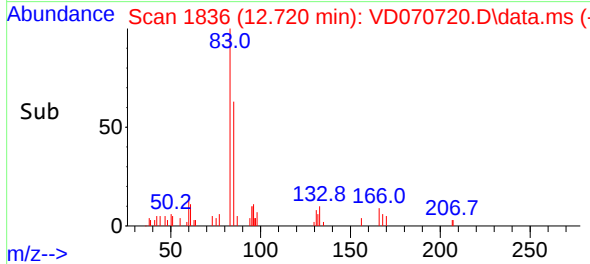




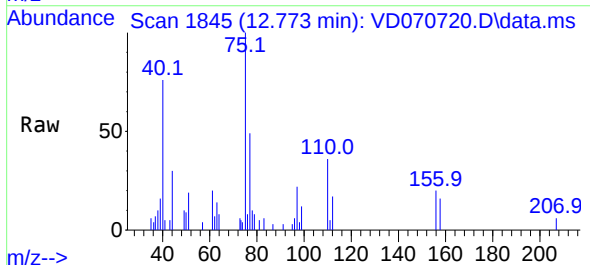
#75
1,1,2,2-Tetrachloroethane
Concen: 2.84 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



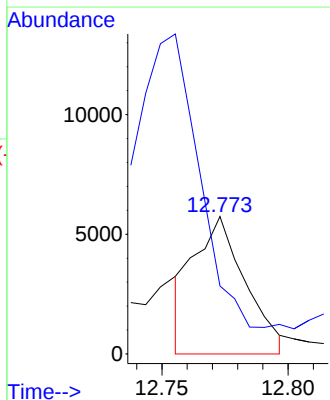
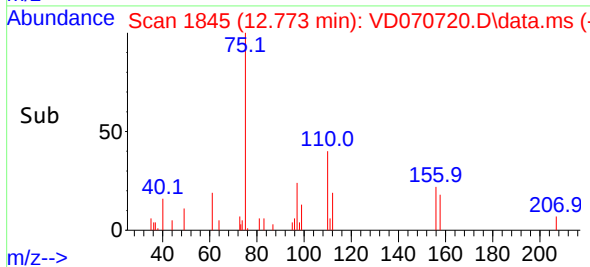
Tgt Ion: 83 Resp: 11841
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.7
85 60.6 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 3.19 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



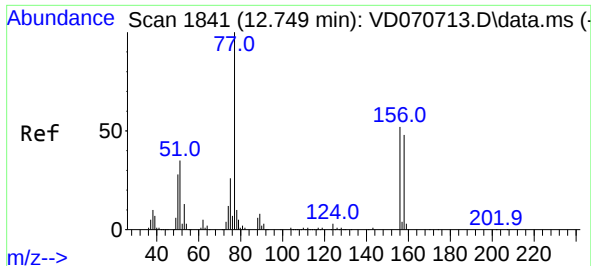
Tgt Ion: 75 Resp: 8150
Ion Ratio Lower Upper
75 100
77 326.2 0.0 0.0#



Instrument :
MSVOA_D
ClientSampleId :
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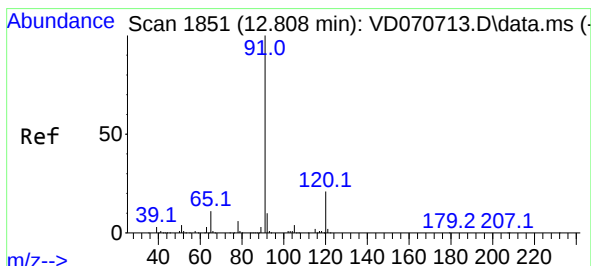
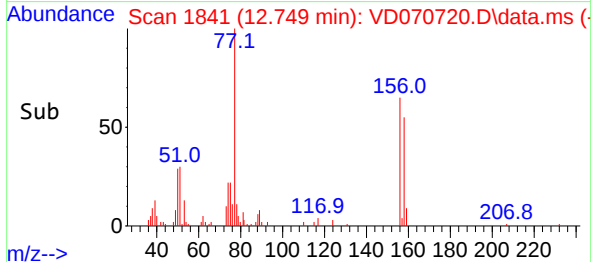
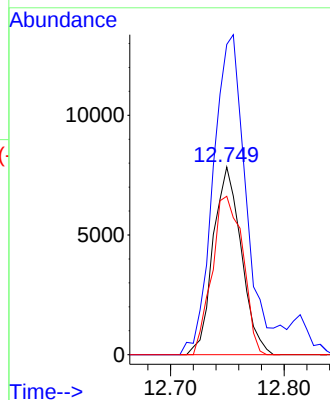
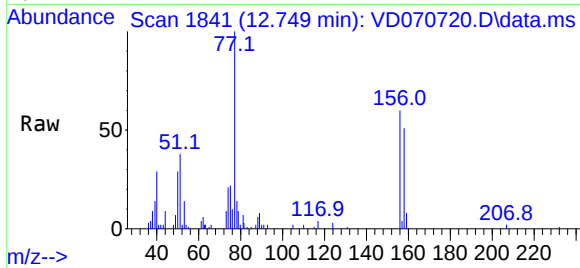
#77
Bromobenzene
Concen: 2.84 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD070720.D
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Tgt Ion: 156 Resp: 13540
Ion Ratio Lower Upper
156 100
77 196.4 105.7 317.1
158 91.7 48.9 146.6

Instrument :
MSVOA_D
ClientSampleId :
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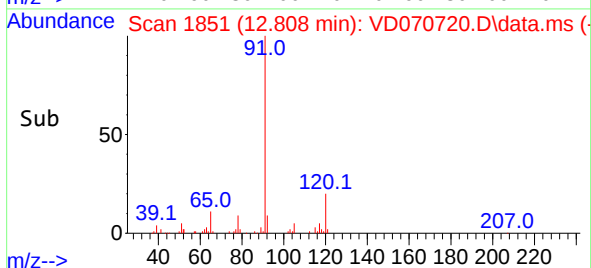
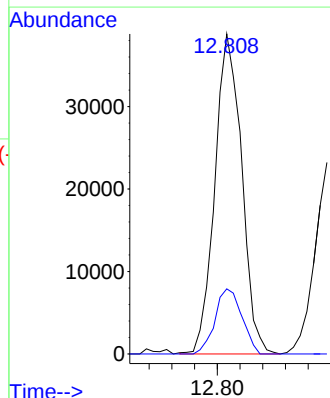
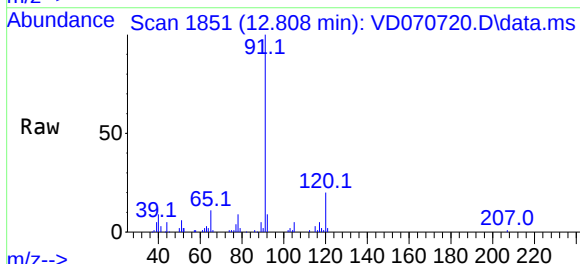
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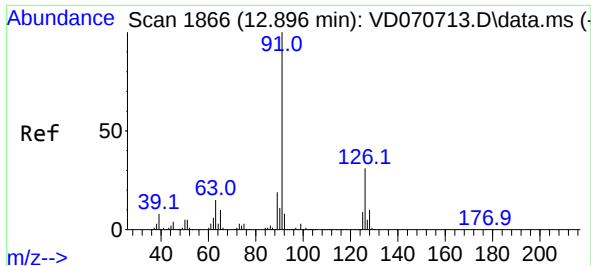
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#78
n-propylbenzene
Concen: 2.32 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

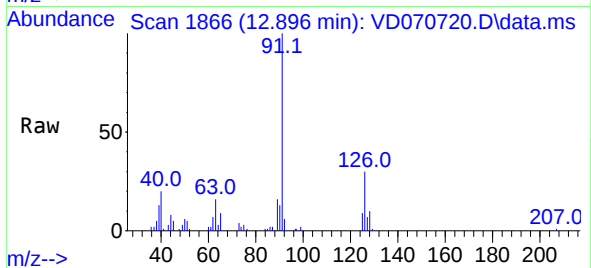
Tgt Ion: 91 Resp: 63494
Ion Ratio Lower Upper
91 100
120 20.4 10.9 32.6





#79
2-Chlorotoluene
Concen: 2.32 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

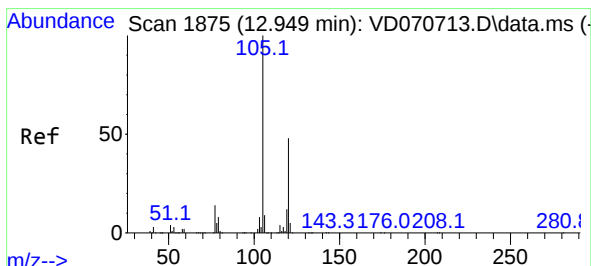
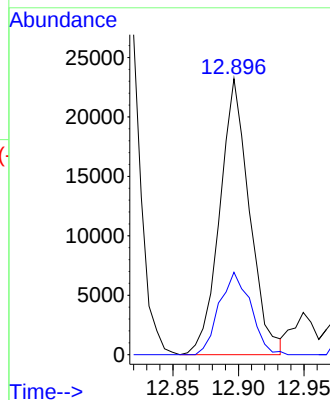
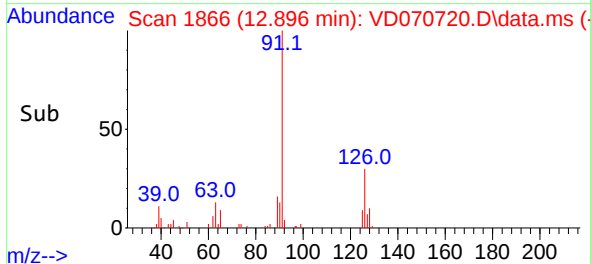
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021



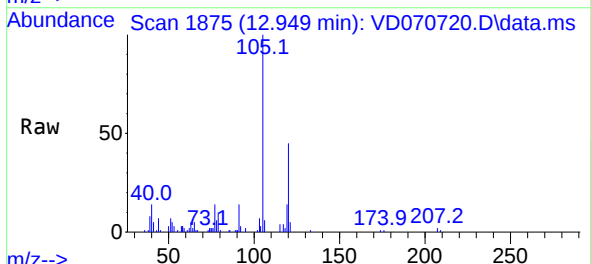
Tgt Ion: 91 Resp: 36668
Ion Ratio Lower Upper
91 100
126 31.6 16.2 48.6

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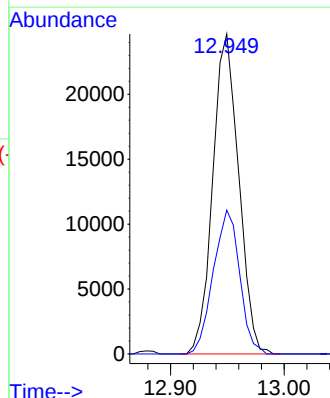
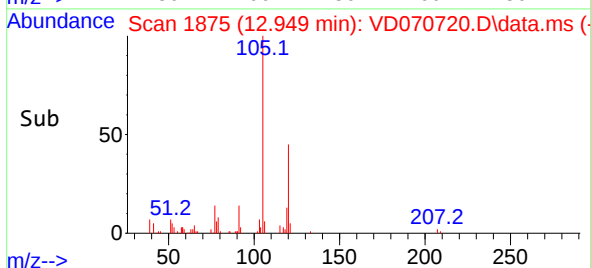
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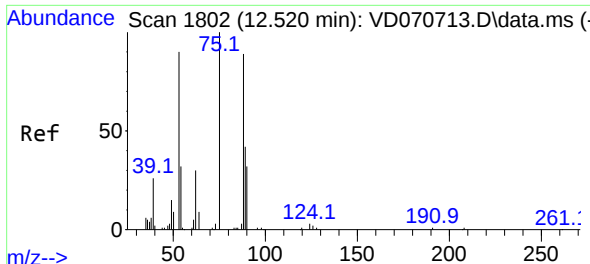


#80
1,3,5-Trimethylbenzene
Concen: 2.20 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



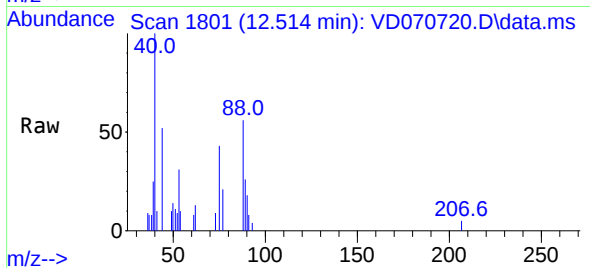
Tgt Ion: 105 Resp: 39087
Ion Ratio Lower Upper
105 100
120 45.7 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 2.33 ug/l m
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

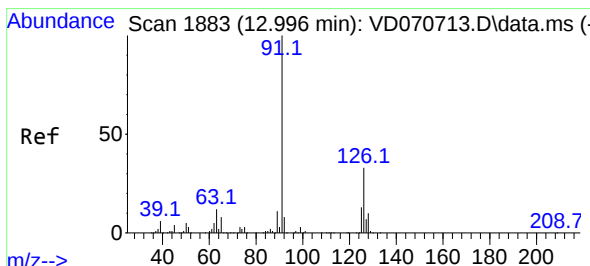
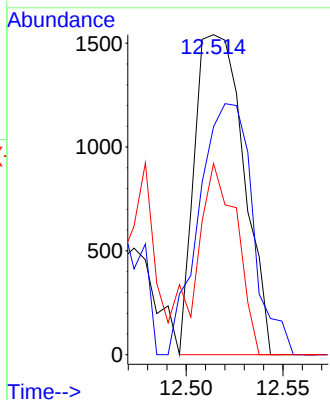
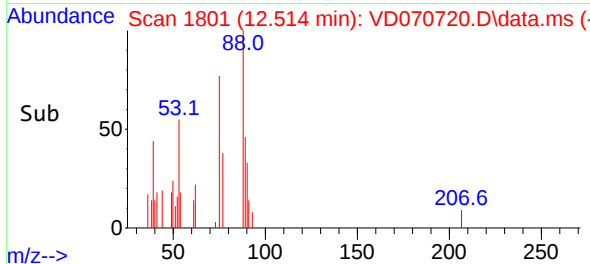
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021



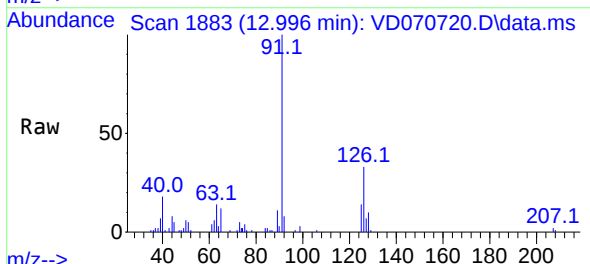
Tgt Ion: 75 Resp: 2712
Ion Ratio Lower Upper
75 100
53 11.5 64.5 96.7#
89 3.2 35.3 52.9#

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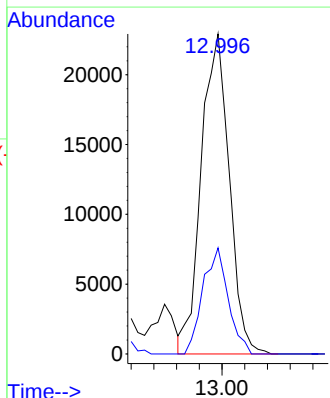
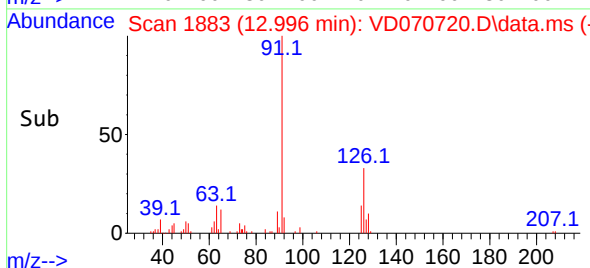
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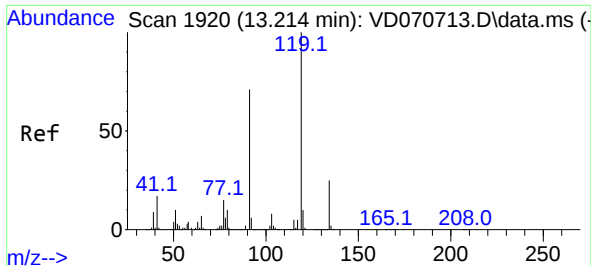


#82
4-Chlorotoluene
Concen: 2.35 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



Tgt Ion: 91 Resp: 39280
Ion Ratio Lower Upper
91 100
126 30.0 16.2 48.6





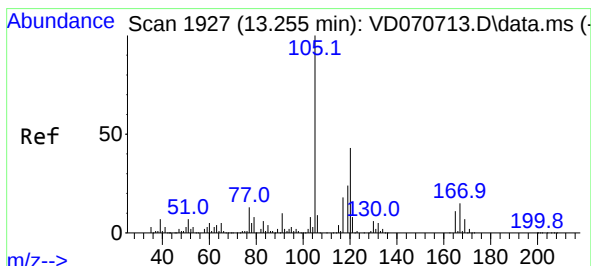
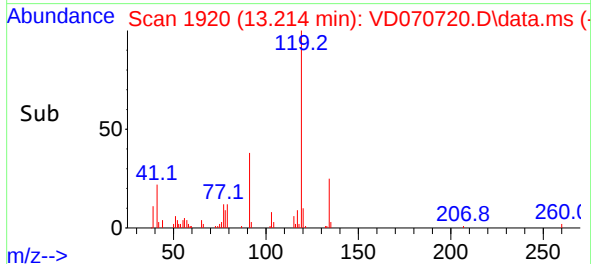
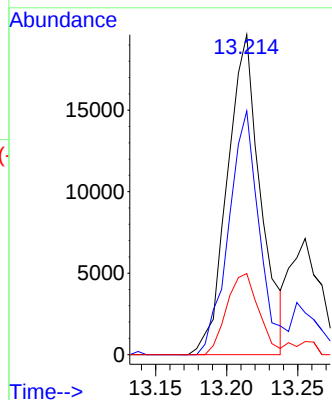
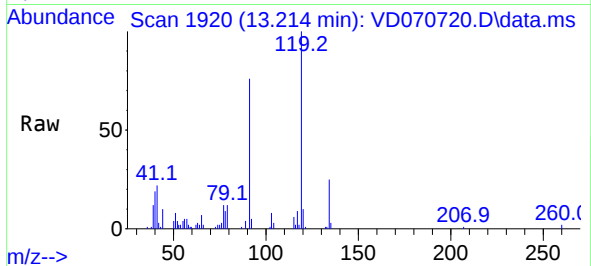
#83
tert-Butylbenzene
Concen: 2.17 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion:	119	Resp:	31957
Ion	Ratio	Lower	Upper
119	100		
91	71.5	33.1	99.3
134	24.5	13.2	39.5

Instrument :
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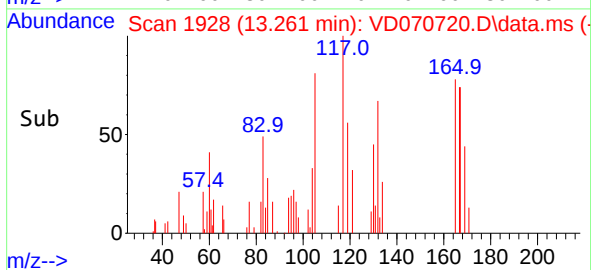
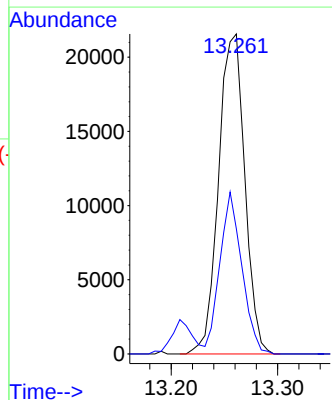
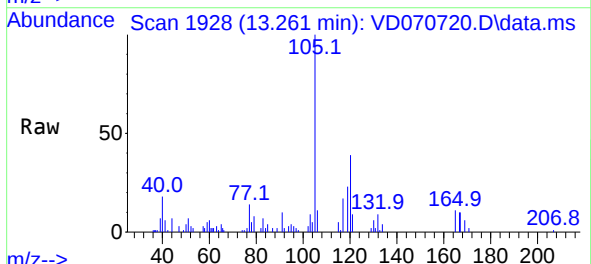
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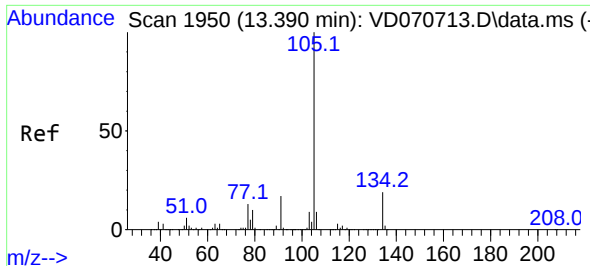
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#84
1,2,4-Trimethylbenzene
Concen: 2.08 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

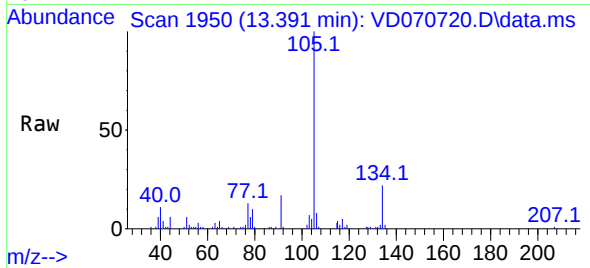
Tgt Ion:	105	Resp:	36847
Ion	Ratio	Lower	Upper
105	100		
120	42.5	21.9	65.8





#85
 sec-Butylbenzene
 Concen: 2.09 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD070720.D
 Acq: 15 Oct 2021 17:09

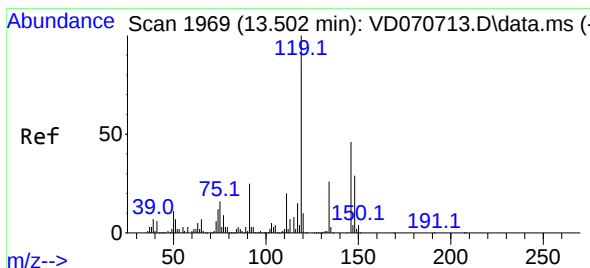
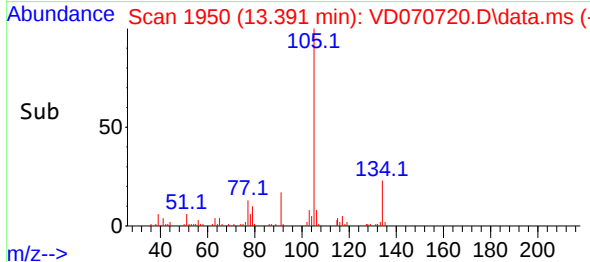
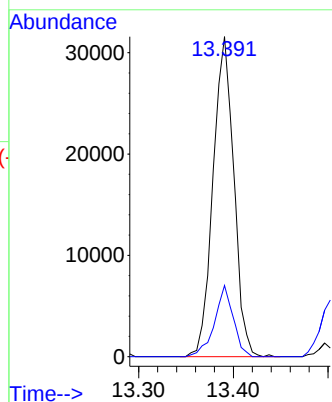
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT4-2021



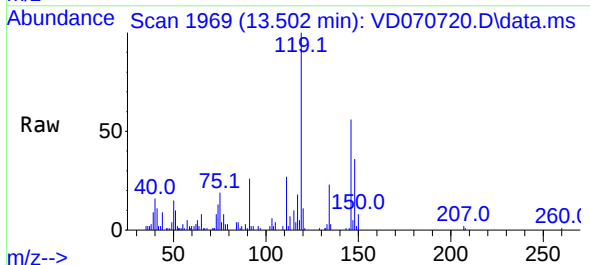
Tgt Ion:105 Resp: 48202
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.3 28.0

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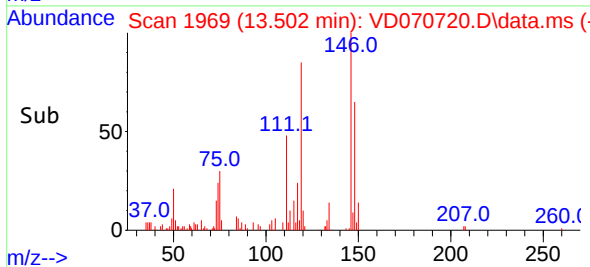
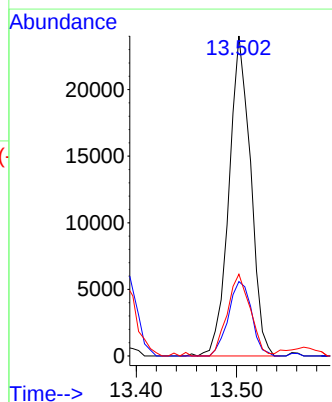
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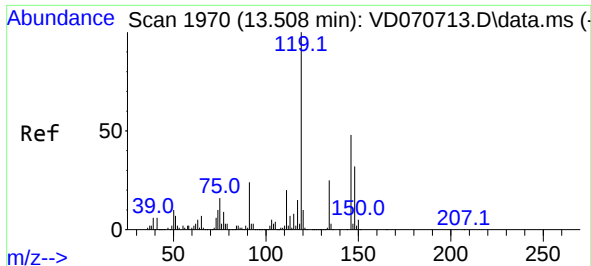


#86
 p-Isopropyltoluene
 Concen: 1.94 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD070720.D
 Acq: 15 Oct 2021 17:09



Tgt Ion:119 Resp: 36002
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.5 37.5
 91 27.3 11.9 35.5





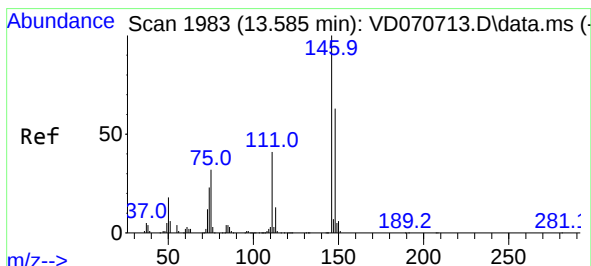
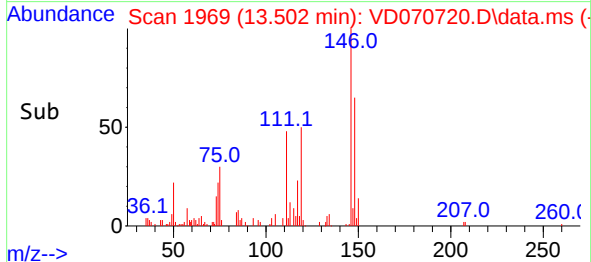
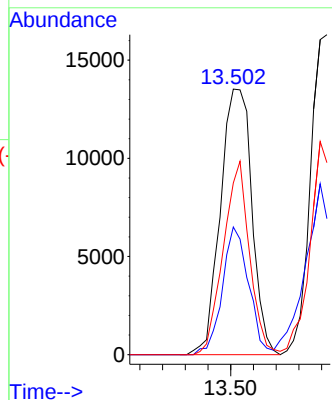
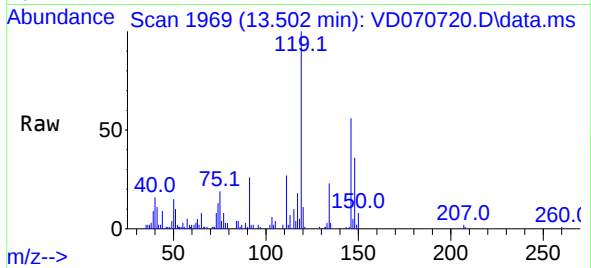
#87
1,3-Dichlorobenzene
Concen: 2.60 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion:	146	Resp:	26035
Ion Ratio	Lower	Upper	
146	100		
111	40.3	21.4	64.2
148	60.8	31.8	95.3

Instrument :
MSVOA_D
ClientSampleId :
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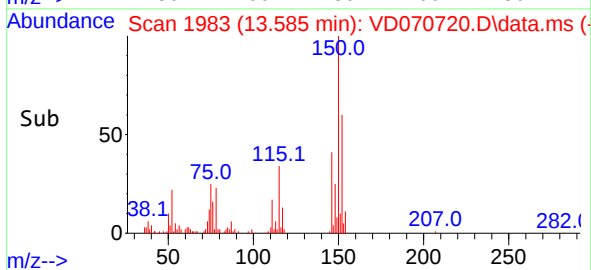
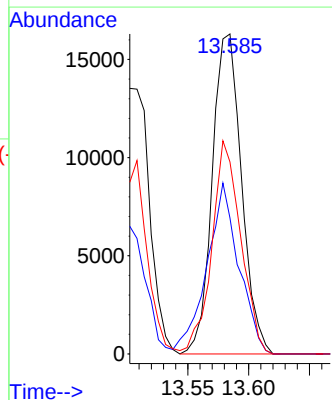
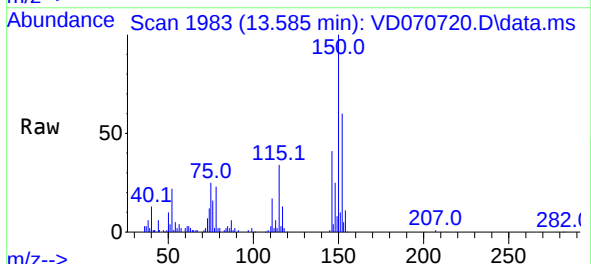
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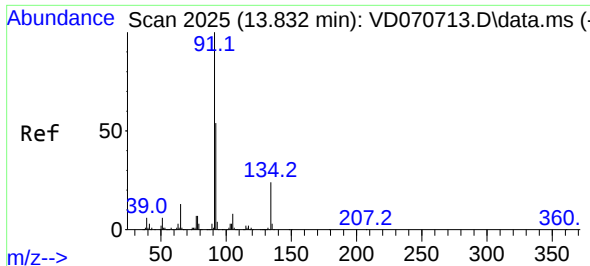
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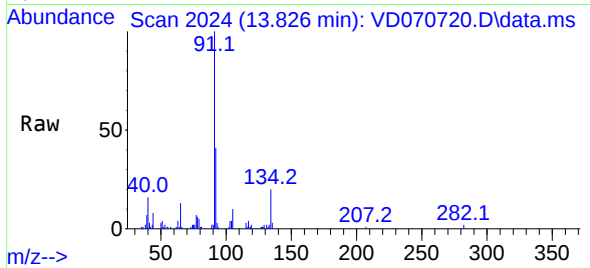
#88
1,4-Dichlorobenzene
Concen: 2.76 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion:	146	Resp:	27270
Ion Ratio	Lower	Upper	
146	100		
111	58.6	21.1	63.4
148	66.0	31.6	94.8

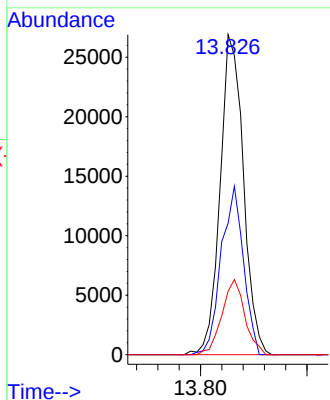
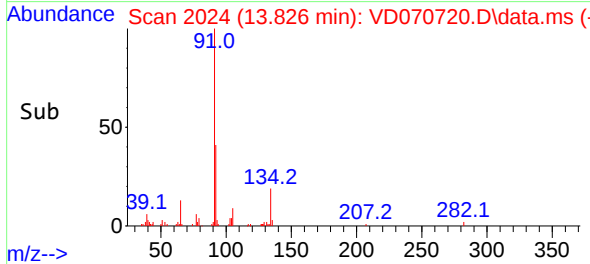




#89
n-Butylbenzene
Concen: 2.17 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



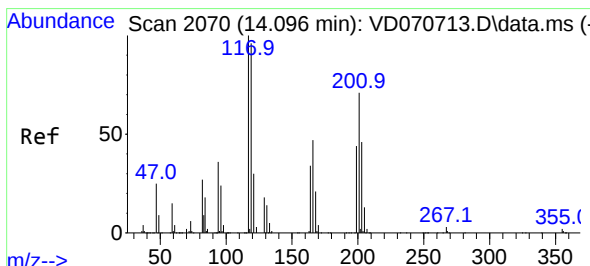
Tgt Ion: 91 Resp: 40764
Ion Ratio Lower Upper
91 100
92 50.4 26.8 80.4
134 23.1 12.2 36.4



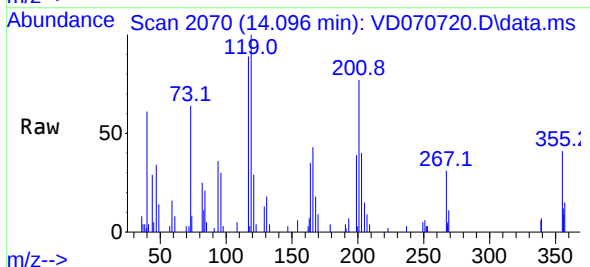
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

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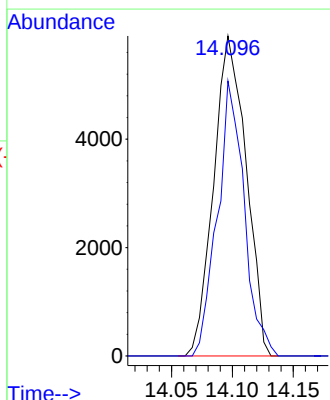
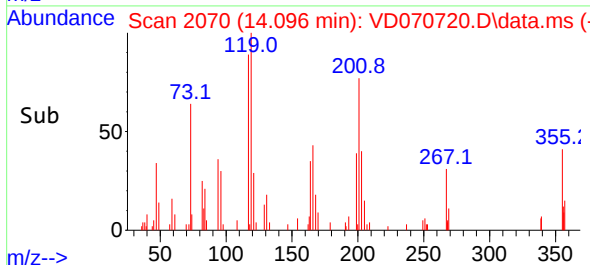
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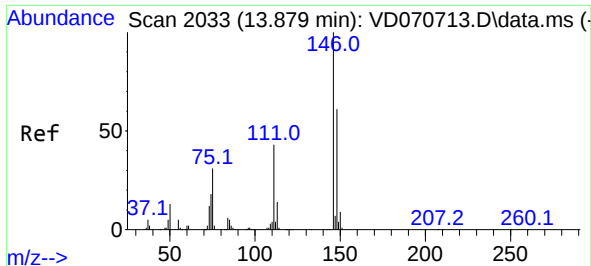


#90
Hexachloroethane
Concen: 2.74 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



Tgt Ion: 117 Resp: 10980
Ion Ratio Lower Upper
117 100
201 70.7 31.9 95.9





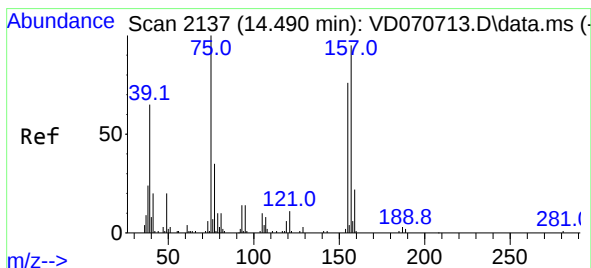
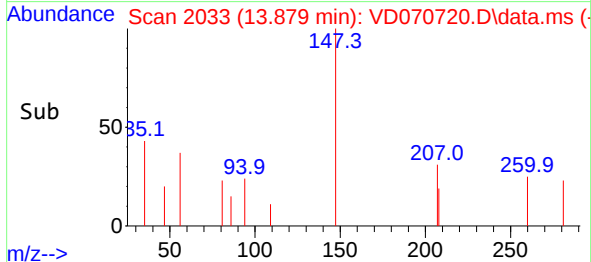
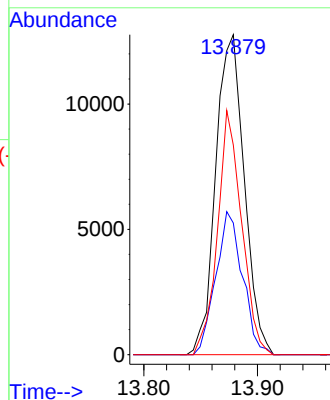
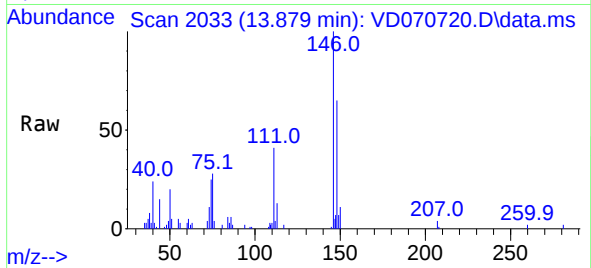
#91
1,2-Dichlorobenzene
Concen: 2.61 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion: 146 Resp: 22329
Ion Ratio Lower Upper
146 100
111 42.0 22.8 68.4
148 64.6 32.4 97.0

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

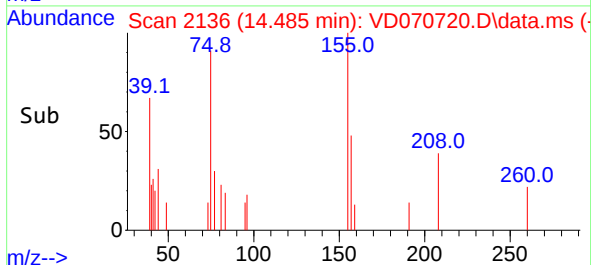
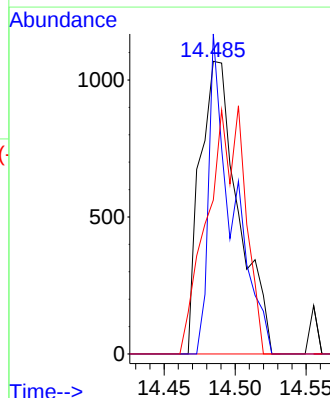
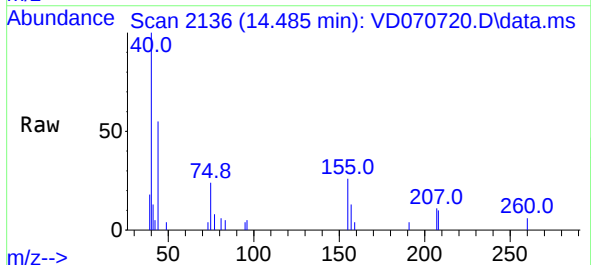
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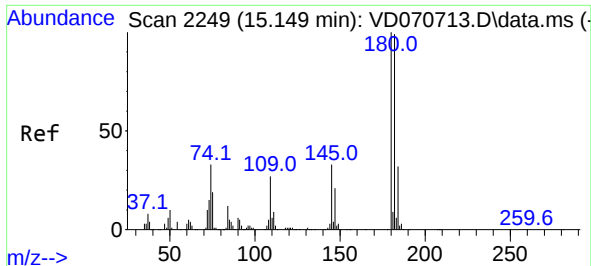
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#92
1,2-Dibromo-3-Chloropropane
Concen: 3.01 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion: 75 Resp: 1997
Ion Ratio Lower Upper
75 100
155 68.7 38.1 114.5
157 83.0 47.6 142.9





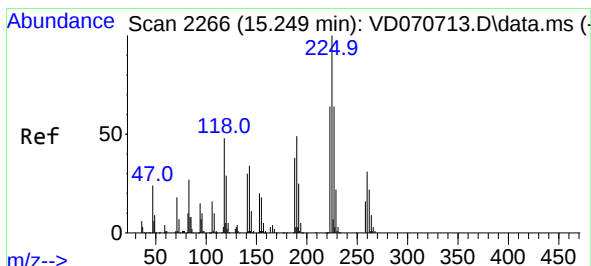
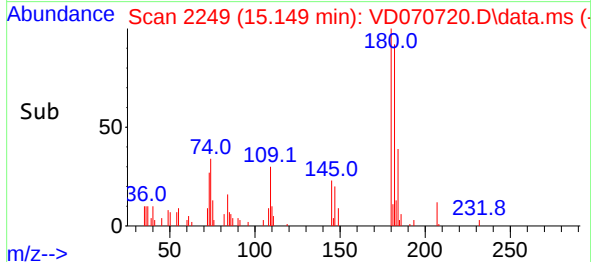
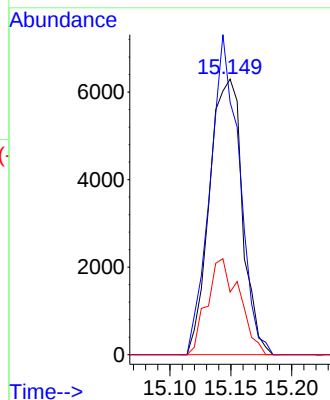
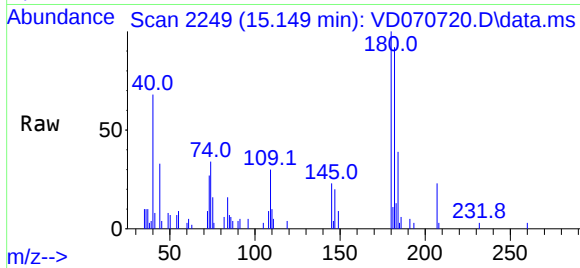
#93
1,2,4-Trichlorobenzene
Concen: 2.41 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

Tgt Ion:180 Resp: 11789
Ion Ratio Lower Upper
180 100
182 103.6 47.5 142.5
145 34.3 16.9 50.7

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

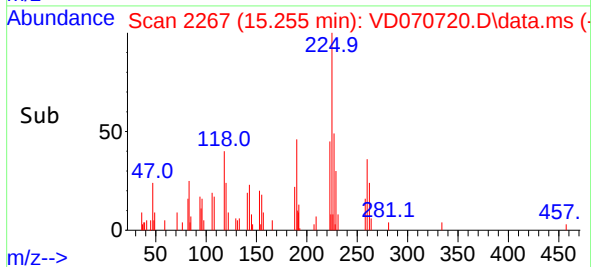
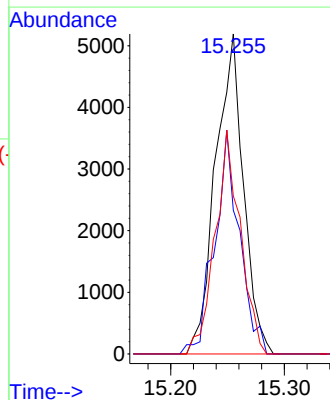
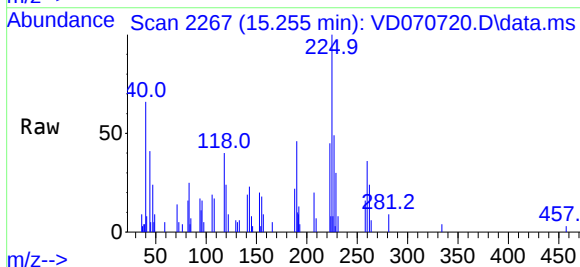
Manual Integrations
APPROVED

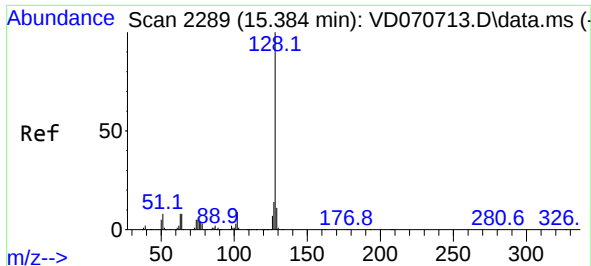
MMDadoda
10/18/2021 5:51:18 PM



#94
Hexachlorobutadiene
Concen: 2.76 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

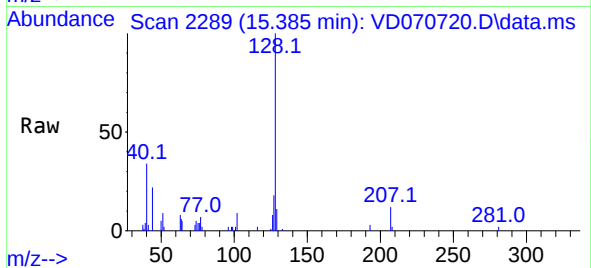
Tgt Ion:225 Resp: 8856
Ion Ratio Lower Upper
225 100
223 62.3 31.2 93.6
227 63.3 32.2 96.6





#95
Naphthalene
Concen: 2.52 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.001 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09

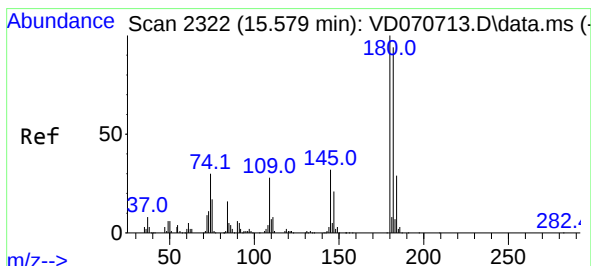
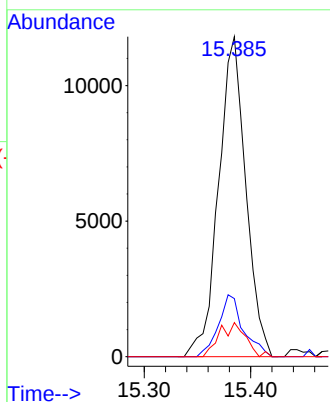
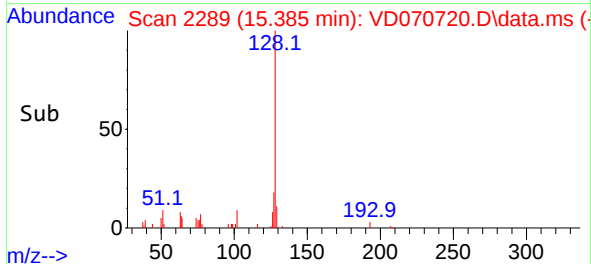
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2021



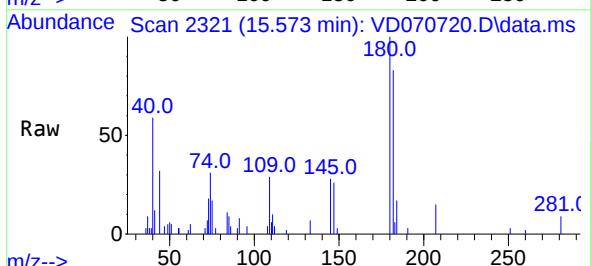
Tgt Ion:128 Resp: 20912
Ion Ratio Lower Upper
128 100
127 17.7 10.9 16.3#
129 10.4 8.6 12.8

Manual Integrations
APPROVED

MMDadoda
10/18/2021 5:51:18 PM



#96
1,2,3-Trichlorobenzene
Concen: 2.83 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD070720.D
Acq: 15 Oct 2021 17:09



Tgt Ion:180 Resp: 12283
Ion Ratio Lower Upper
180 100
182 85.7 46.2 138.5
145 32.2 17.1 51.3

