

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072621\
 Data File : VD069852.D
 Acq On : 26 Jul 2021 17:19
 Operator : VA/SY
 Sample : M2940-02 5PPBLOQ
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

Manual Integrations
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Quant Time: Jul 27 08:19:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 27 08:17:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	699236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1287526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1236228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	562722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	382902	47.614	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.220%		
35) Dibromofluoromethane	7.914	113	374992	46.201	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.400%		
50) Toluene-d8	10.338	98	1431535	45.740	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.480%		
62) 4-Bromofluorobenzene	12.626	95	498696	47.679	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	34563	4.696	ug/l	98
3) Chloromethane	2.209	50	48658	4.558	ug/l	96
4) Vinyl Chloride	2.344	62	53518	4.766	ug/l	99
5) Bromomethane	2.762	94	43622	5.931	ug/l	91
6) Chloroethane	2.921	64	34611	4.755	ug/l	95
7) Trichlorofluoromethane	3.273	101	70429	5.081	ug/l	99
8) Diethyl Ether	3.709	74	19968	5.121	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.103	101	43997	4.997	ug/l	100
10) Methyl Iodide	4.297	142	30938	4.022	ug/l	99
11) Tert butyl alcohol	5.220	59	12699	30.518	ug/l #	73
12) 1,1-Dichloroethene	4.068	96	39847	4.981	ug/l	91
13) Acrolein	3.926	56	12284	21.088	ug/l	95
14) Allyl chloride	4.709	41	51771	4.414	ug/l	94
15) Acrylonitrile	5.420	53	43331	23.623	ug/l	100
16) Acetone	4.162	43	35680	24.561	ug/l #	77
17) Carbon Disulfide	4.403	76	131713	4.604	ug/l	96
18) Methyl Acetate	4.720	43	25574	6.067	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	78001	4.706	ug/l	93
20) Methylene Chloride	4.962	84	94815	7.166	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	44249	4.694	ug/l	95
22) Diisopropyl ether	6.362	45	109560	4.298	ug/l #	90
23) Vinyl Acetate	6.309	43	225440	18.464	ug/l #	90
24) 1,1-Dichloroethane	6.262	63	88330	5.017	ug/l	95
25) 2-Butanone	7.214	43	44792	22.736	ug/l	97
26) 2,2-Dichloropropane	7.203	77	67572	5.048	ug/l	96
27) cis-1,2-Dichloroethene	7.214	96	49920	4.963	ug/l	95
28) Bromochloromethane	7.544	49	32420	4.850	ug/l	100
29) Tetrahydrofuran	7.561	42	27773	21.790	ug/l	95
30) Chloroform	7.709	83	91127	5.148	ug/l	97
31) Cyclohexane	7.979	56	83354	5.305	ug/l #	72
32) 1,1,1-Trichloroethane	7.903	97	74560	5.089	ug/l	98
36) 1,1-Dichloropropene	8.109	75	65398	4.707	ug/l	98
37) Ethyl Acetate	7.285	43	21525	4.255	ug/l #	93
38) Carbon Tetrachloride	8.091	117	58690	4.624	ug/l	97
39) Methylcyclohexane	9.356	83	78037	4.904	ug/l	97
40) Benzene	8.344	78	193030	4.795	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	7.538	41	14207m	5.352	ug/l	
42) 1,2-Dichloroethane	8.420	62	52971	4.976	ug/l	96
43) Isopropyl Acetate	8.450	43	43907	4.840	ug/l	99
44) Trichloroethene	9.114	130	50527	5.097	ug/l	82
45) 1,2-Dichloropropane	9.385	63	49998	4.729	ug/l	97
46) Dibromomethane	9.473	93	25349	4.877	ug/l	98
47) Bromodichloromethane	9.656	83	67033	4.964	ug/l	96
48) Methyl methacrylate	9.456	41	18557	4.252	ug/l	97
49) 1,4-Dioxane	9.461	88	5389	98.141	ug/l #	81
51) 4-Methyl-2-Pentanone	10.226	43	102373	21.685	ug/l	98
52) Toluene	10.403	92	120319	4.927	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	56656	4.999	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	65960	4.807	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	39912	5.437	ug/l	93
56) Ethyl methacrylate	10.655	69	38266	4.761	ug/l	97
57) 1,3-Dichloropropane	10.944	76	60389	4.862	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	75539	21.940	ug/l	98
59) 2-Hexanone	10.979	43	71950	23.042	ug/l	89
60) Dibromochloromethane	11.132	129	40951	4.926	ug/l	98
61) 1,2-Dibromoethane	11.244	107	34331	5.194	ug/l	99
64) Tetrachloroethene	10.873	164	39604	5.026	ug/l	93
65) Chlorobenzene	11.661	112	126229	4.928	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	46135	5.007	ug/l	98
67) Ethyl Benzene	11.738	91	204785	4.542	ug/l	96
68) m/p-Xylenes	11.850	106	155121	8.874	ug/l	99
69) o-Xylene	12.173	106	72240	4.546	ug/l	96
70) Styrene	12.185	104	115475	4.193	ug/l	97
71) Bromoform	12.355	173	21891	4.892	ug/l #	99
73) Isopropylbenzene	12.473	105	186124	4.603	ug/l	99
74) N-amyl acetate	12.279	43	40595	4.881	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	41783	5.175	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	27659m	4.624	ug/l	
77) Bromobenzene	12.755	156	46559	5.113	ug/l	93
78) n-propylbenzene	12.814	91	243892	4.697	ug/l	99
79) 2-Chlorotoluene	12.902	91	142581	4.727	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	155359	4.492	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	8933	4.531	ug/l	88
82) 4-Chlorotoluene	12.996	91	149360	4.736	ug/l	98
83) tert-Butylbenzene	13.214	119	127661	4.540	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	147948	4.336	ug/l	100
85) sec-Butylbenzene	13.391	105	202458	4.554	ug/l	99
86) p-Isopropyltoluene	13.508	119	156097	4.322	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	96687	5.057	ug/l	96
88) 1,4-Dichlorobenzene	13.591	146	96573	5.068	ug/l	95
89) n-Butylbenzene	13.832	91	156171	4.382	ug/l	99
90) Hexachloroethane	14.102	117	36209	4.733	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	80526	4.880	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.496	75	6851	5.892	ug/l	94
93) 1,2,4-Trichlorobenzene	15.149	180	44981	5.052	ug/l	97
94) Hexachlorobutadiene	15.249	225	27846	5.113	ug/l	97
95) Naphthalene	15.390	128	75899	4.776	ug/l	98
96) 1,2,3-Trichlorobenzene	15.585	180	39617	5.145	ug/l	99

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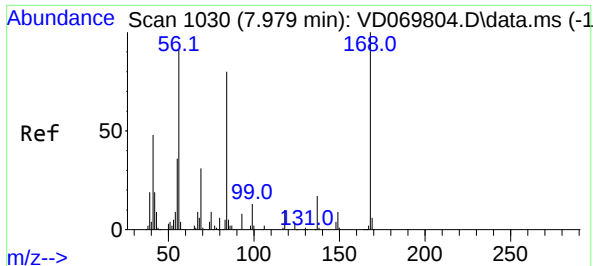
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Jul 27 08:17:07 2021
Response via : Initial Calibration

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



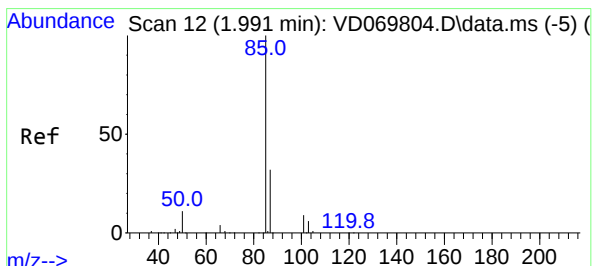
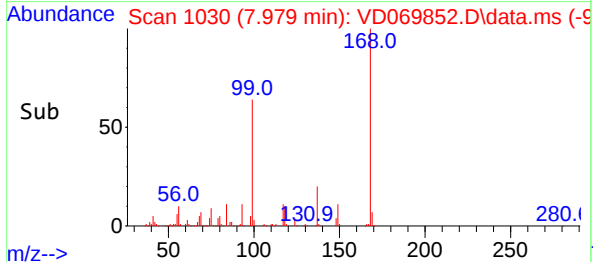
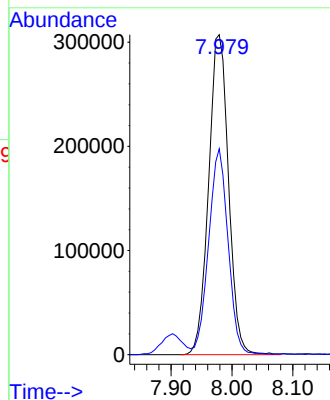
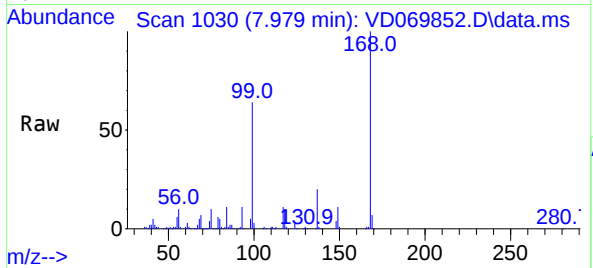
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion:168 Resp: 699236
Ion Ratio Lower Upper
168 100
99 64.2 51.1 76.7

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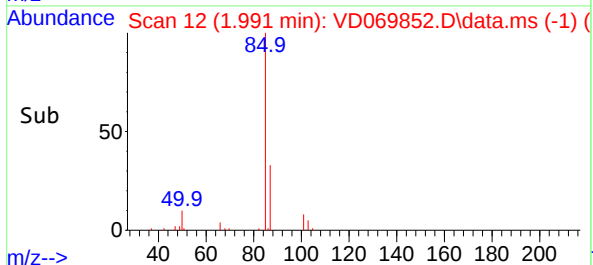
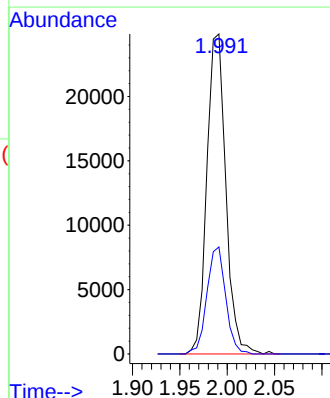
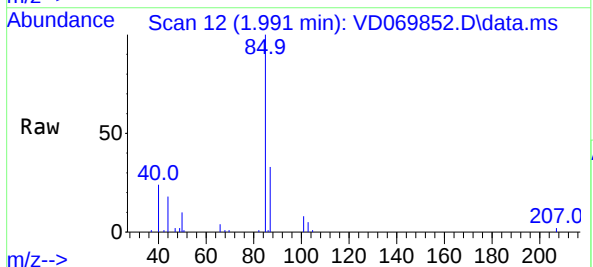
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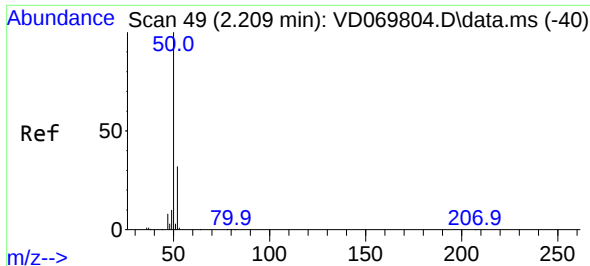
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#2
Dichlorodifluoromethane
Concen: 4.696 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 85 Resp: 34563
Ion Ratio Lower Upper
85 100
87 33.5 16.1 48.3





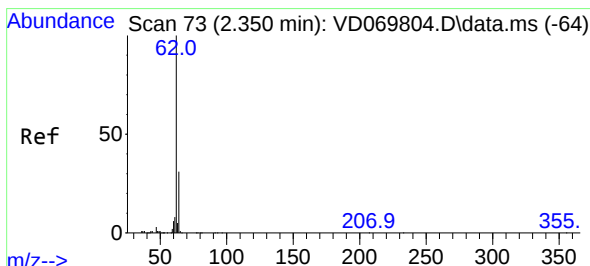
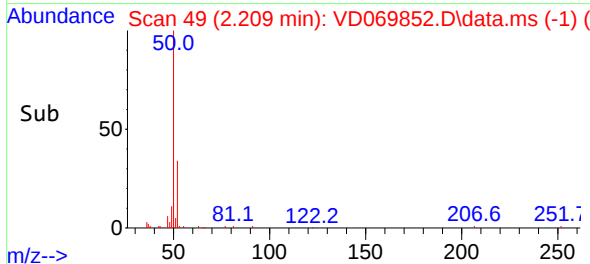
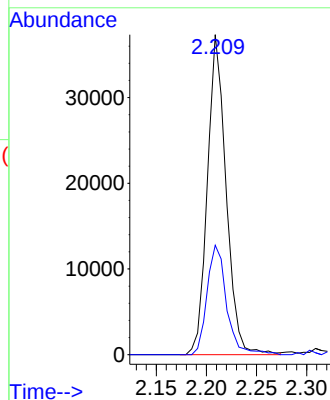
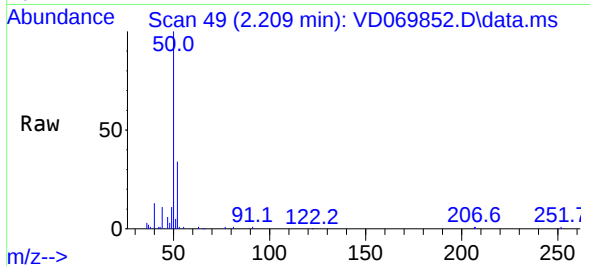
#3
Chloromethane
Concen: 4.558 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 50 Resp: 48658
Ion Ratio Lower Upper
50 100
52 34.2 25.7 38.5

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ClientSampleId :
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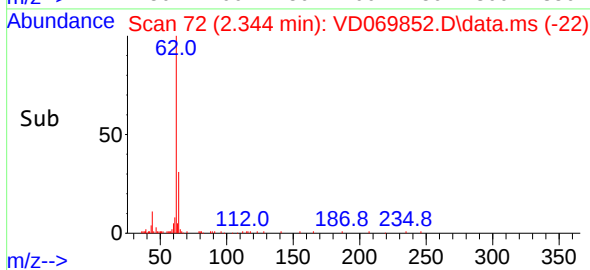
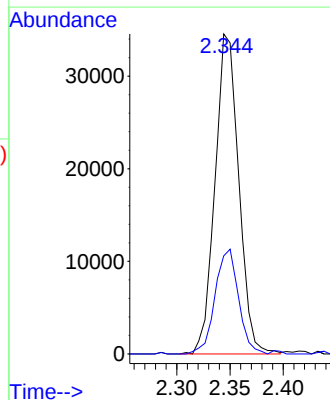
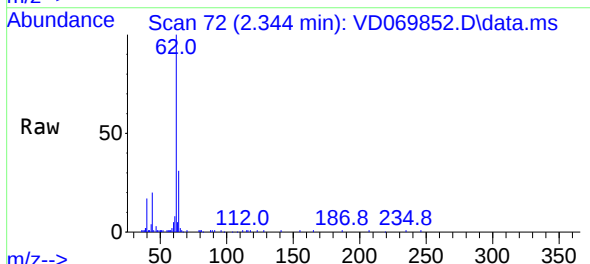
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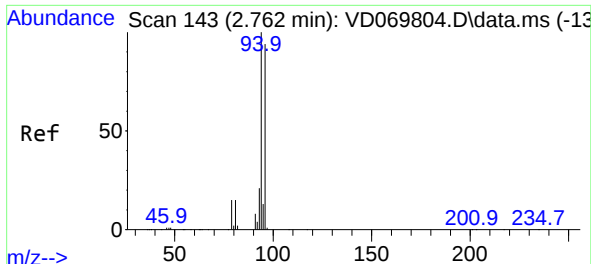
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#4
Vinyl Chloride
Concen: 4.766 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 62 Resp: 53518
Ion Ratio Lower Upper
62 100
64 30.6 25.0 37.4





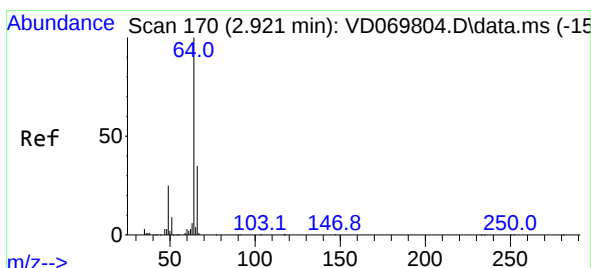
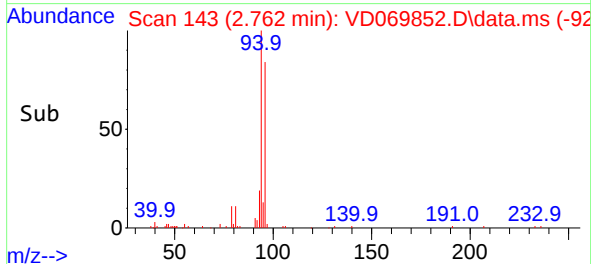
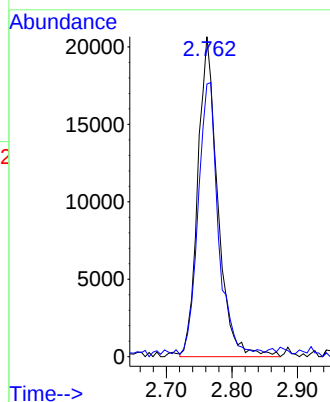
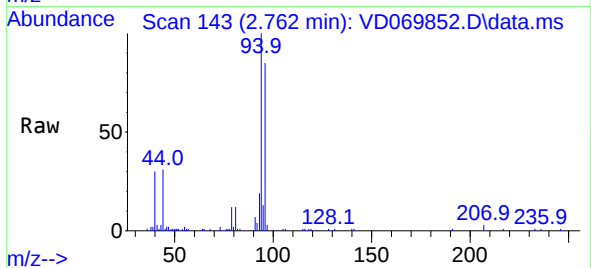
#5
Bromomethane
Concen: 5.931 ug/l
RT: 2.762 min Scan# 143
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 94 Resp: 43622
Ion Ratio Lower Upper
94 100
96 84.5 74.8 112.2

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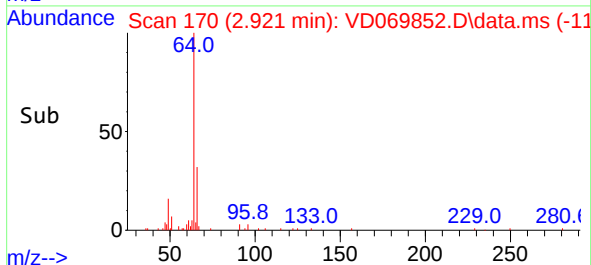
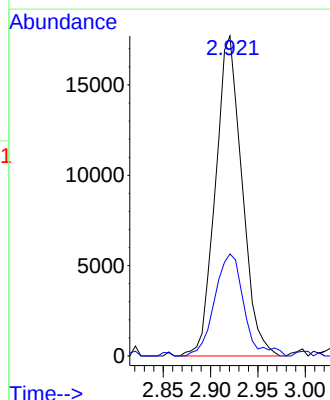
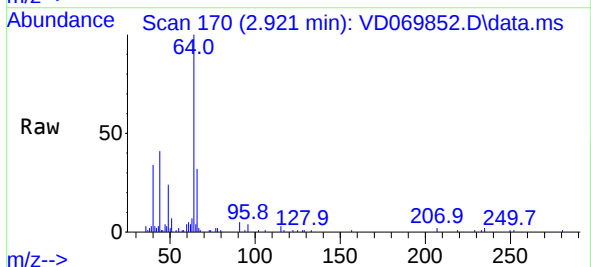
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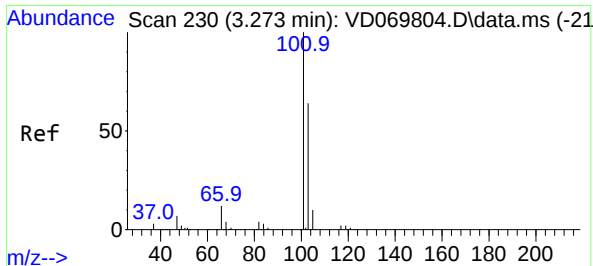
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#6
Chloroethane
Concen: 4.755 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 64 Resp: 34611
Ion Ratio Lower Upper
64 100
66 31.9 27.8 41.6





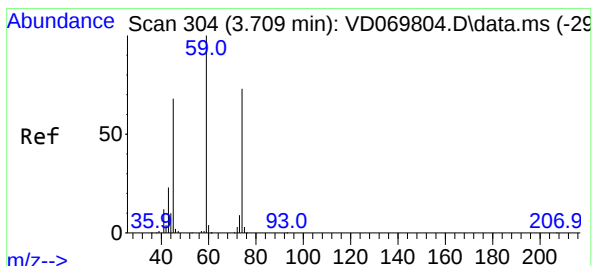
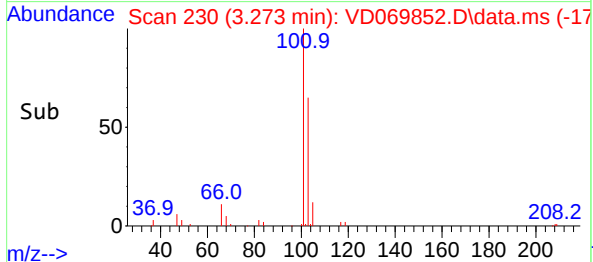
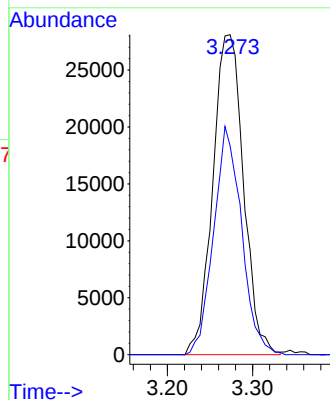
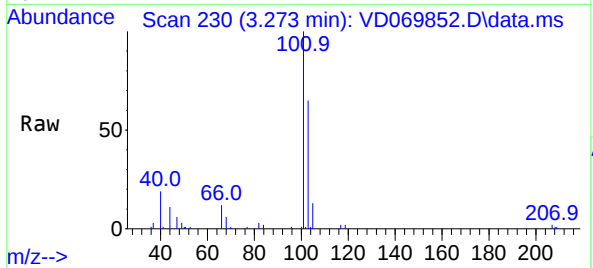
#7
Trichlorofluoromethane
Concen: 5.081 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion:101 Resp: 70429
Ion Ratio Lower Upper
101 100
103 65.3 51.3 76.9

Instrument :
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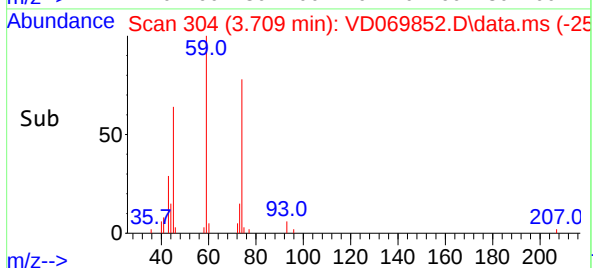
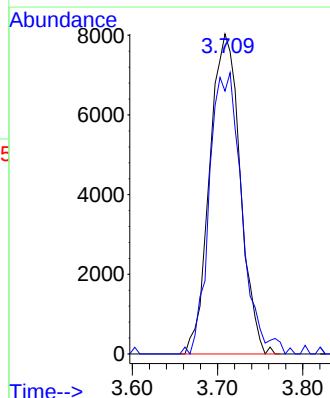
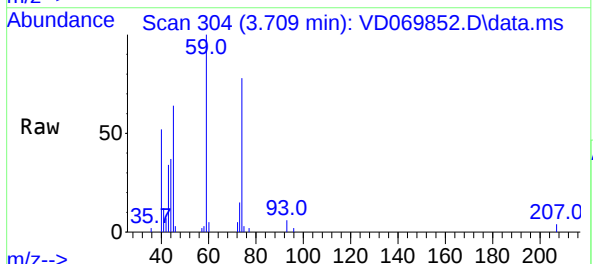
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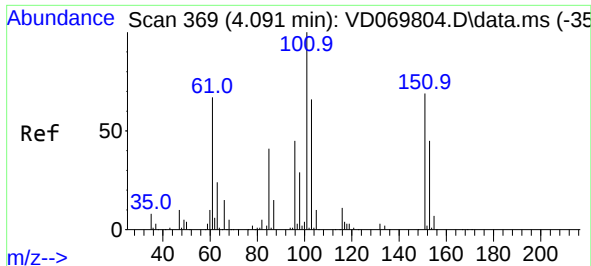
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#8
Diethyl Ether
Concen: 5.121 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 74 Resp: 19968
Ion Ratio Lower Upper
74 100
45 93.4 46.8 140.4





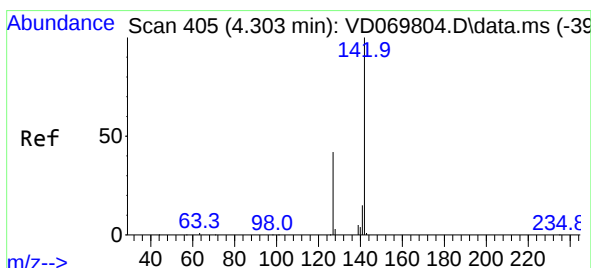
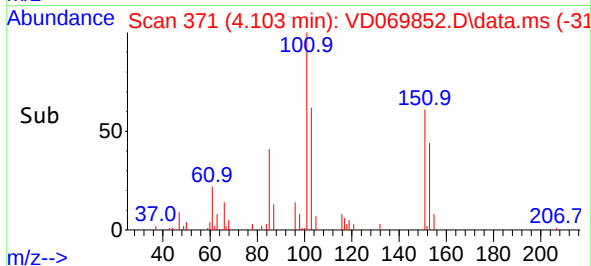
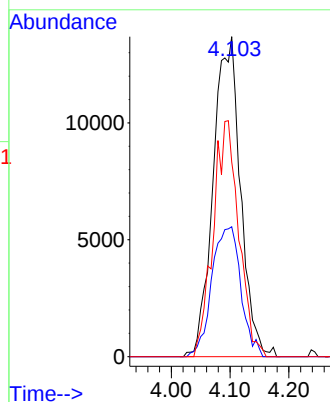
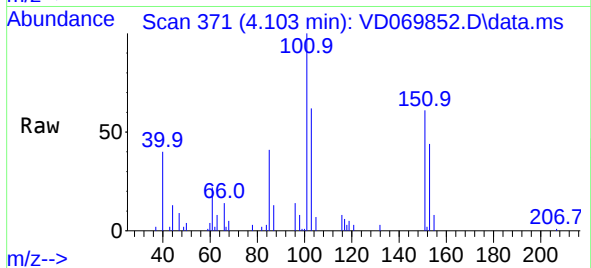
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.997 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.012 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion:101 Resp: 43997
Ion Ratio Lower Upper
101 100
85 43.1 34.7 52.1
151 69.3 55.4 83.0

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

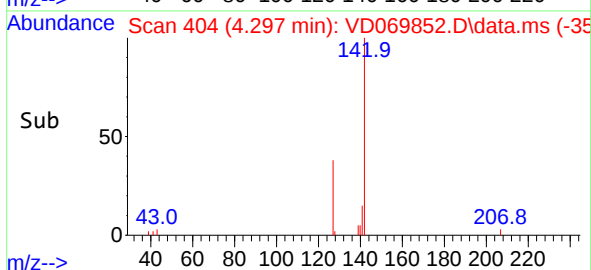
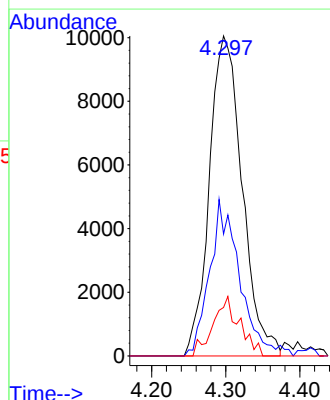
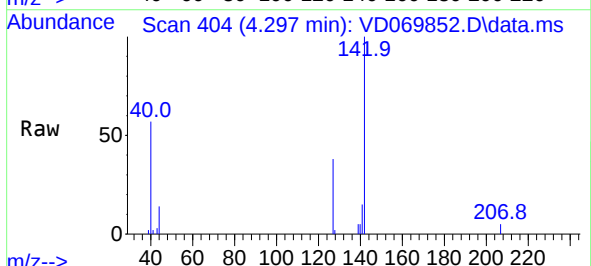
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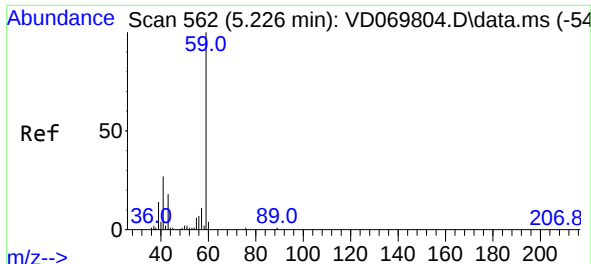
MMDadoda
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#10
Methyl Iodide
Concen: 4.022 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion:142 Resp: 30938
Ion Ratio Lower Upper
142 100
127 45.1 35.7 53.5
141 14.9 12.0 18.0





#11

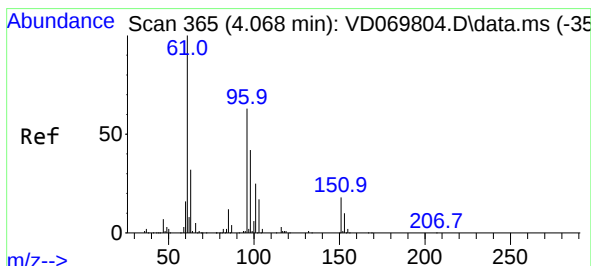
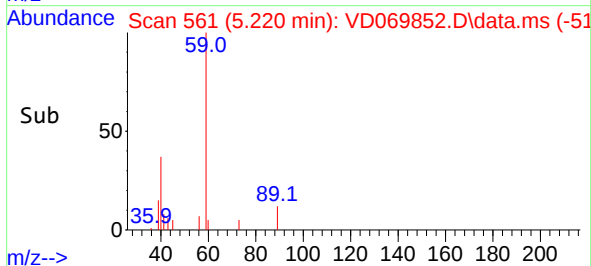
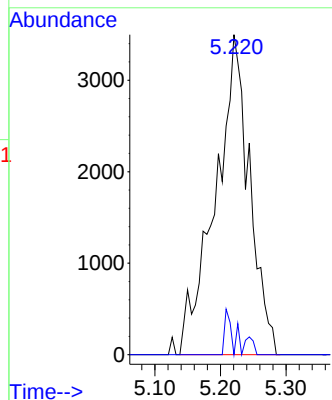
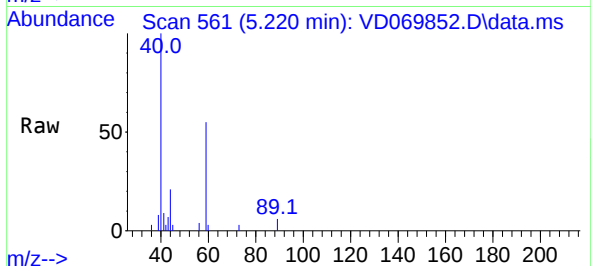
Tert butyl alcohol
Concen: 30.518 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 59 Resp: 12699
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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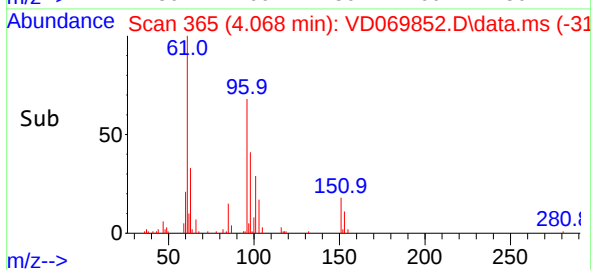
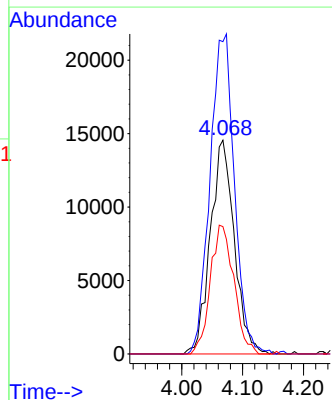
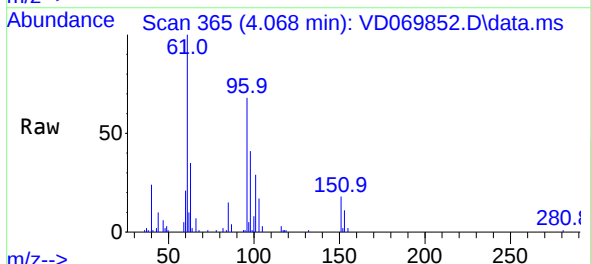
MMDadoda
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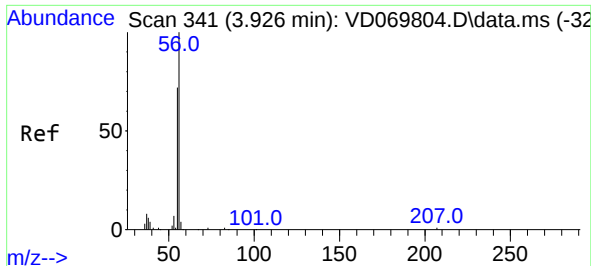


#12

1,1-Dichloroethene
Concen: 4.981 ug/l
RT: 4.068 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 96 Resp: 39847
Ion Ratio Lower Upper
96 100
61 146.1 126.9 190.3
98 59.6 53.2 79.8





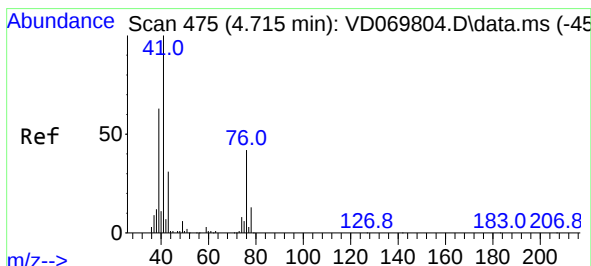
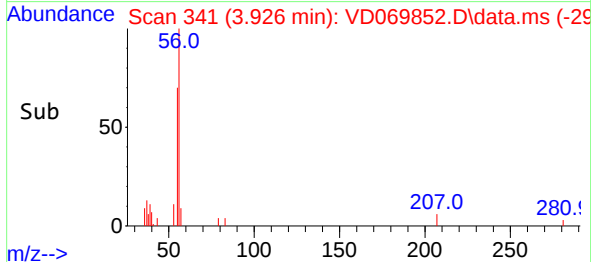
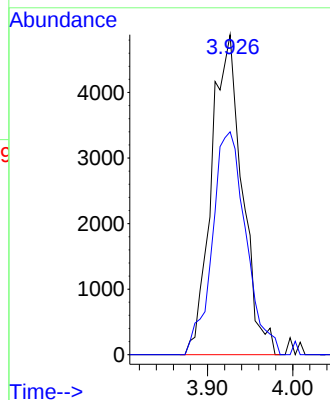
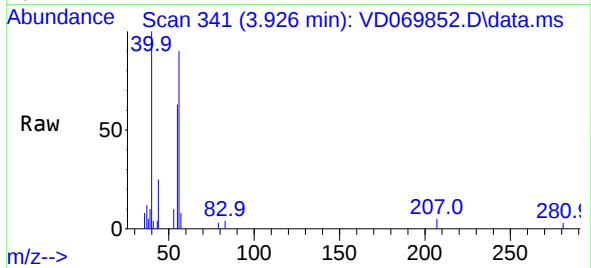
#13
Acrolein
Concen: 21.088 ug/l
RT: 3.926 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 56 Resp: 12284
Ion Ratio Lower Upper
56 100
55 76.0 57.2 85.8

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

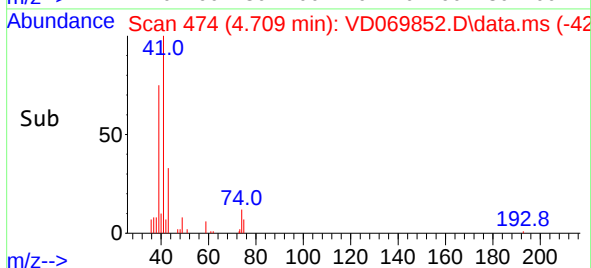
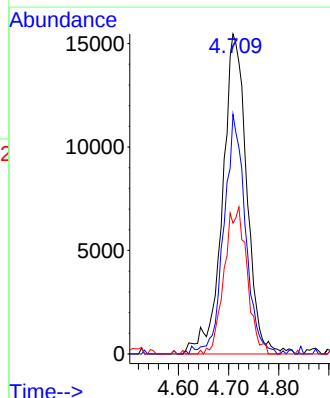
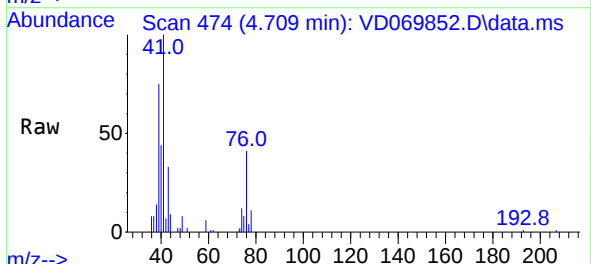
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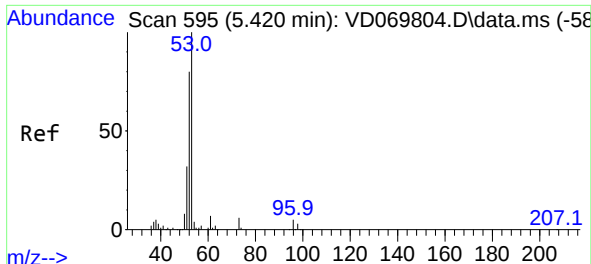
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#14
Allyl chloride
Concen: 4.414 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

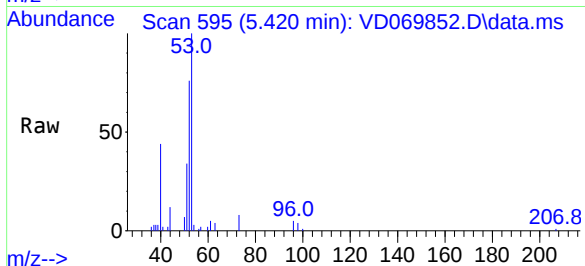
Tgt Ion: 41 Resp: 51771
Ion Ratio Lower Upper
41 100
39 67.0 49.8 74.6
76 43.2 31.8 47.8





#15
Acrylonitrile
Concen: 23.623 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

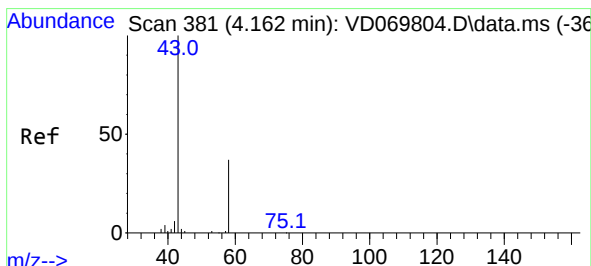
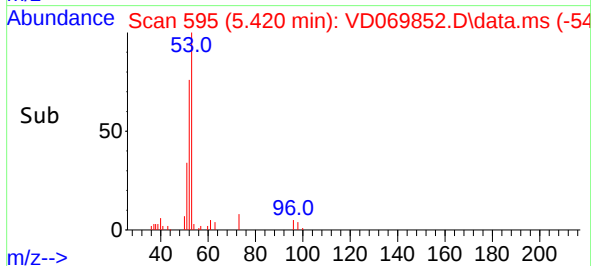
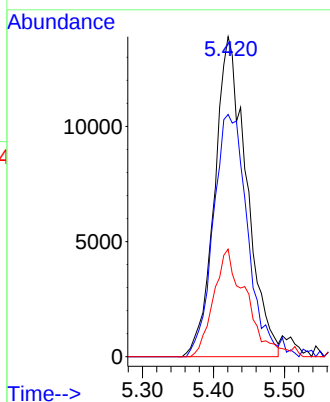
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021



Tgt Ion: 53 Resp: 43331
Ion Ratio Lower Upper
53 100
52 81.7 65.3 97.9
51 35.2 28.3 42.5

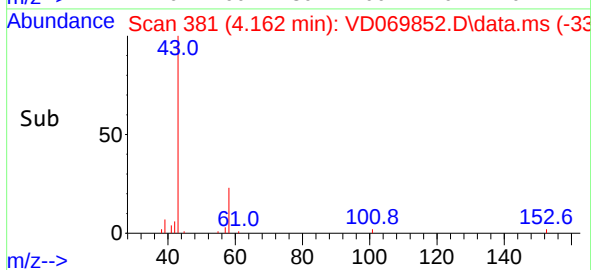
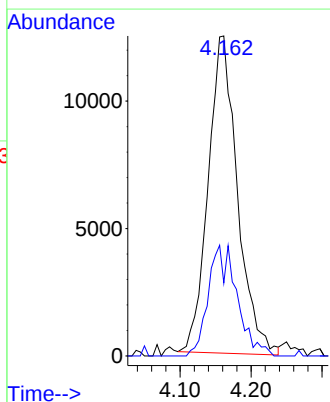
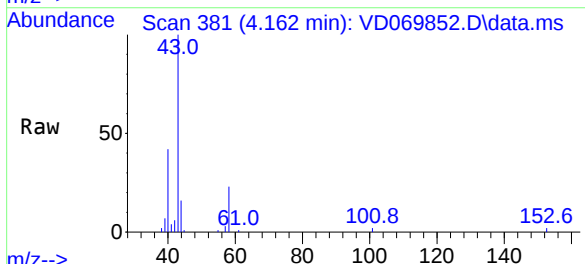
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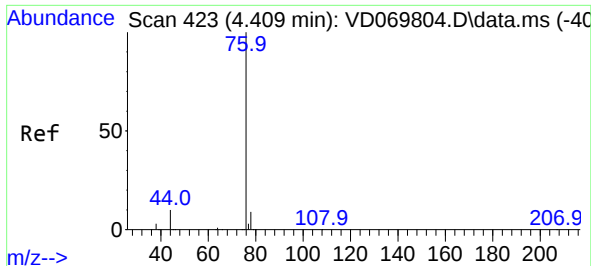
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#16
Acetone
Concen: 24.561 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

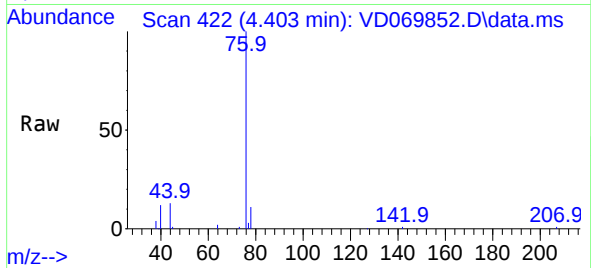
Tgt Ion: 43 Resp: 35680
Ion Ratio Lower Upper
43 100
58 23.1 29.4 44.0#





#17
Carbon Disulfide
Concen: 4.604 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

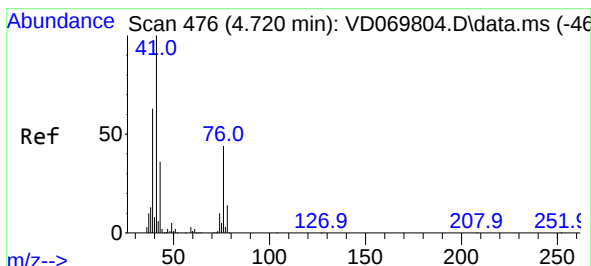
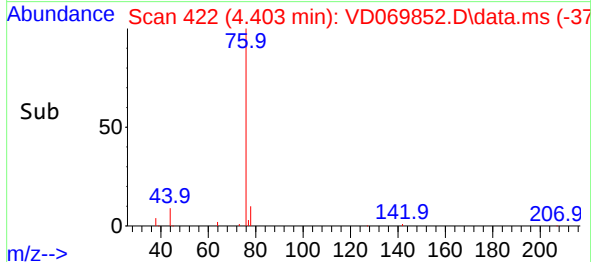
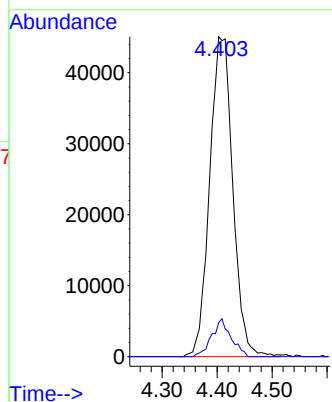
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021



Tgt Ion: 76 Resp: 131713
Ion Ratio Lower Upper
76 100
78 10.7 7.3 10.9

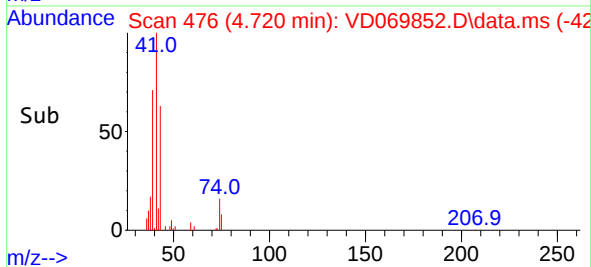
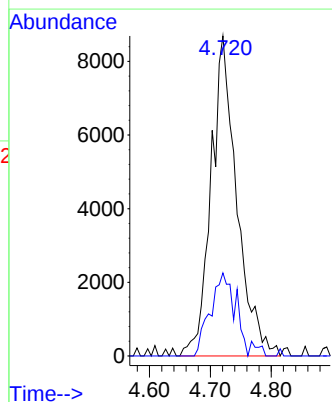
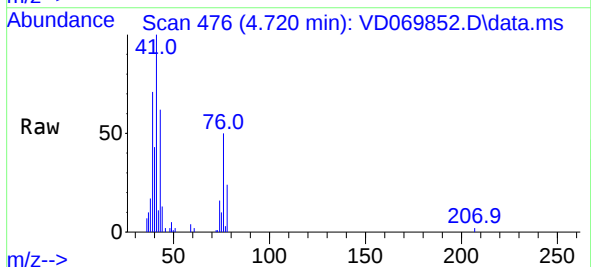
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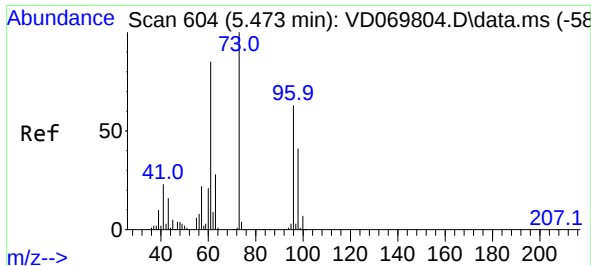
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#18
Methyl Acetate
Concen: 6.067 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

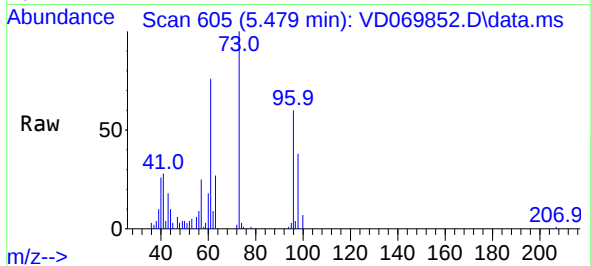
Tgt Ion: 43 Resp: 25574
Ion Ratio Lower Upper
43 100
74 24.9 21.4 32.2





#19
Methyl tert-butyl Ether
Concen: 4.706 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

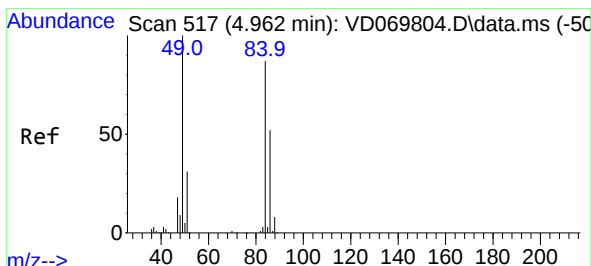
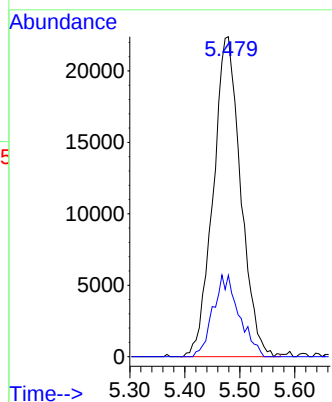
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021



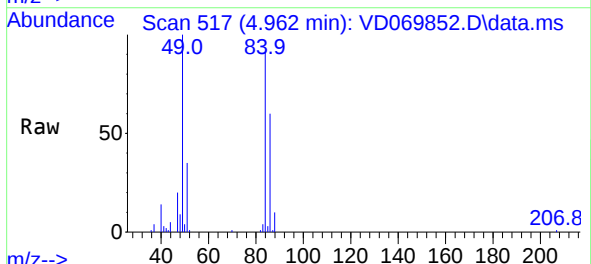
Tgt Ion: 73 Resp: 78001
Ion Ratio Lower Upper
73 100
57 25.4 17.8 26.8

Manual Integrations
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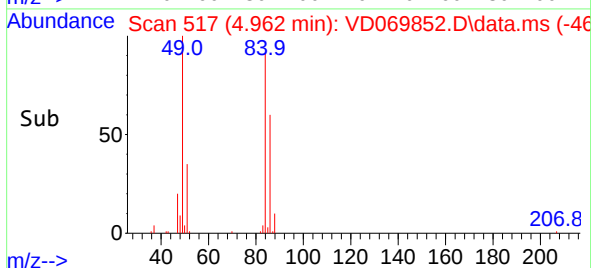
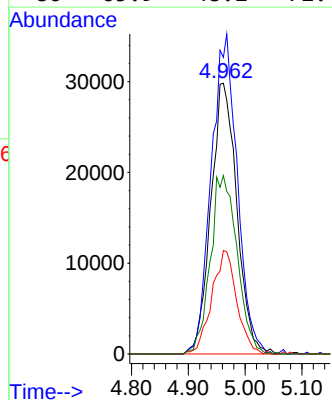
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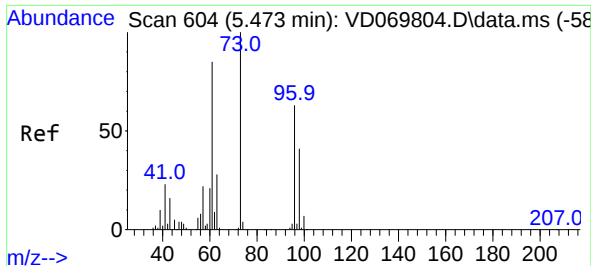


#20
Methylene Chloride
Concen: 7.166 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19



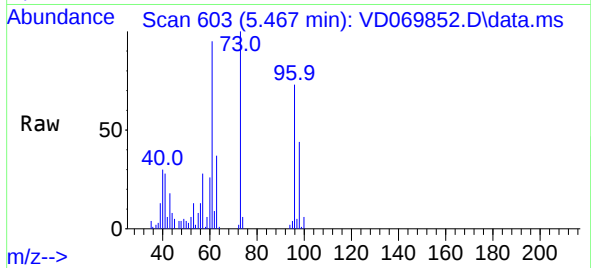
Tgt Ion: 84 Resp: 94815
Ion Ratio Lower Upper
84 100
49 109.6 92.4 138.6
51 38.3 28.5 42.7
86 65.9 48.2 72.4





#21
trans-1,2-Dichloroethene
Concen: 4.694 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

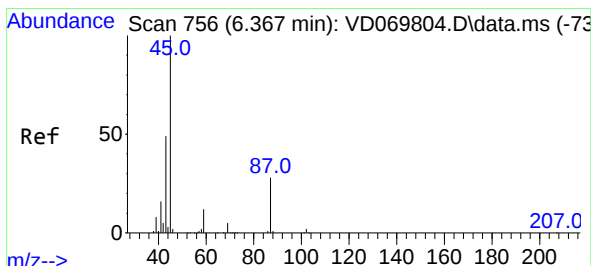
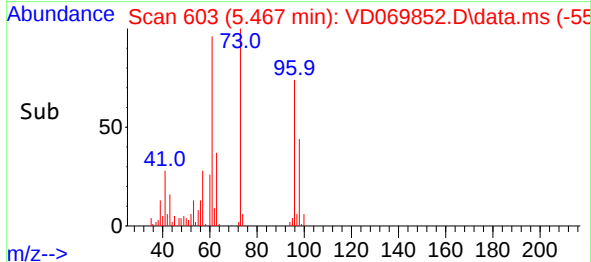
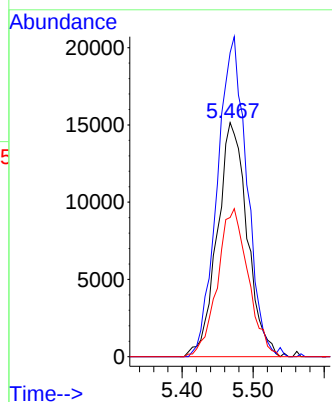
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021



Tgt Ion: 96 Resp: 44249
Ion Ratio Lower Upper
96 100
61 129.8 107.0 160.6
98 59.4 52.3 78.5

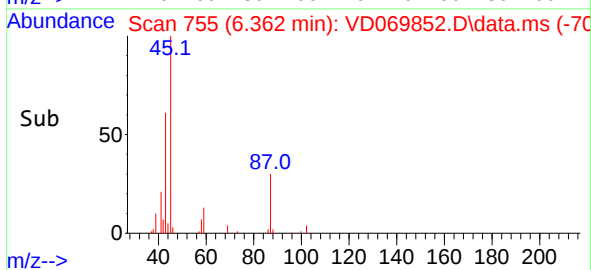
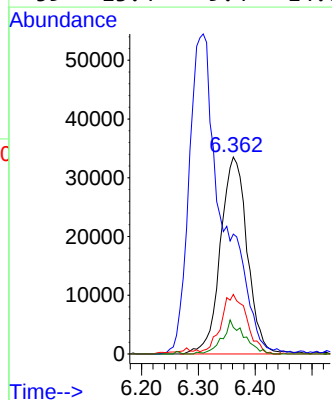
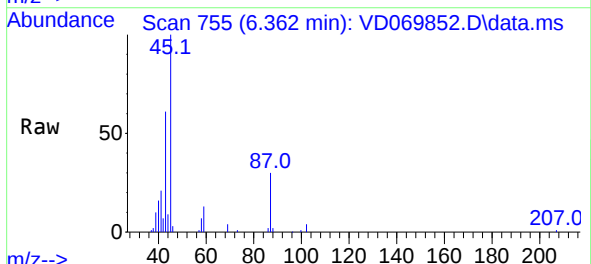
Manual Integrations
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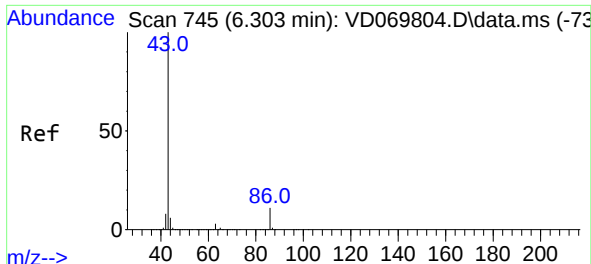
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#22
Diisopropyl ether
Concen: 4.298 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 45 Resp: 109560
Ion Ratio Lower Upper
45 100
43 59.2 39.2 58.8#
87 30.2 22.3 33.5
59 13.4 9.4 14.0





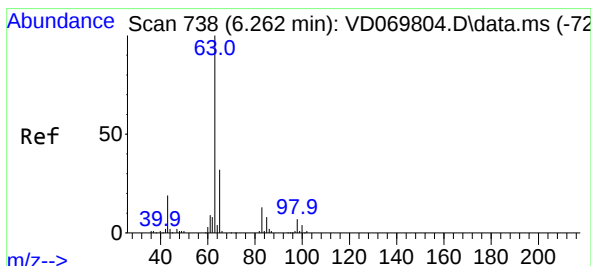
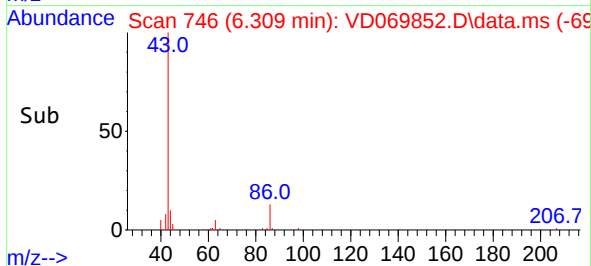
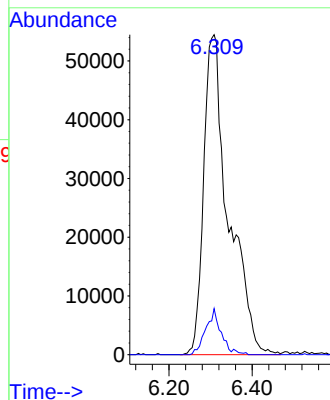
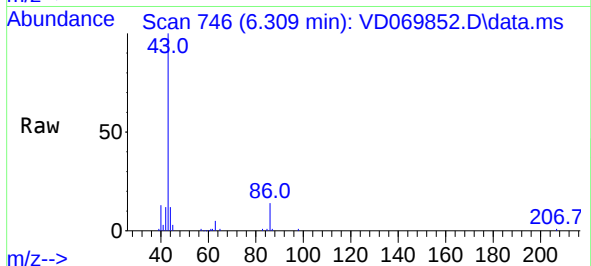
#23
Vinyl Acetate
Concen: 18.464 ug/l
RT: 6.309 min Scan# 746
Delta R.T. 0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 43 Resp: 225440
Ion Ratio Lower Upper
43 100
86 14.4 8.6 13.0#

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

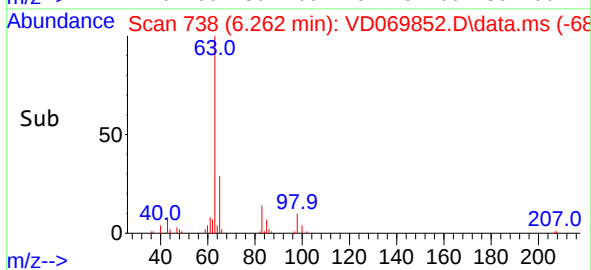
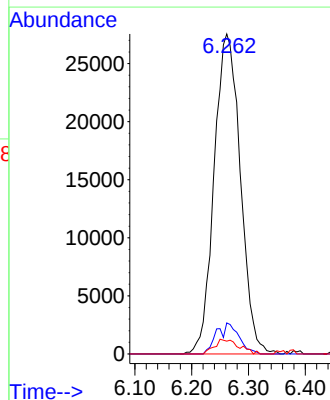
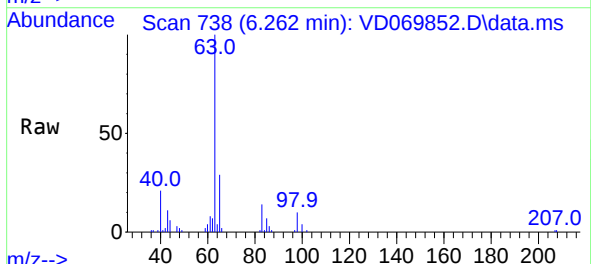
Manual Integrations
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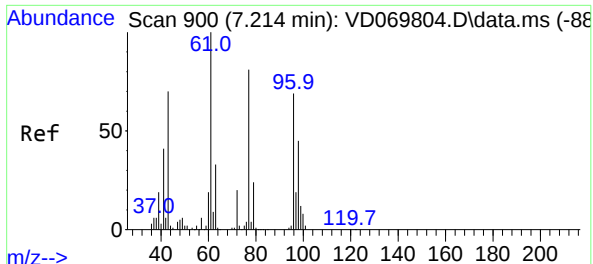
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#24
1,1-Dichloroethane
Concen: 5.017 ug/l
RT: 6.262 min Scan# 738
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 63 Resp: 88330
Ion Ratio Lower Upper
63 100
98 9.7 3.6 10.8
100 4.0 2.2 6.6





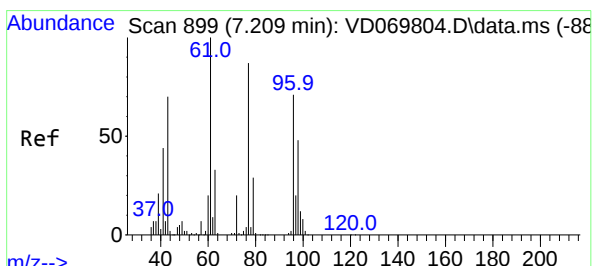
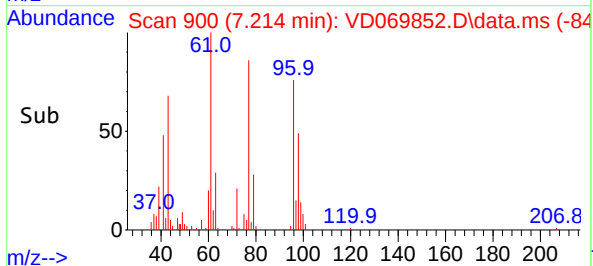
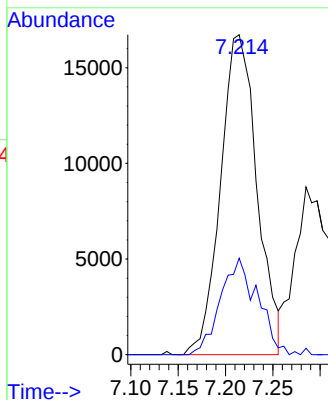
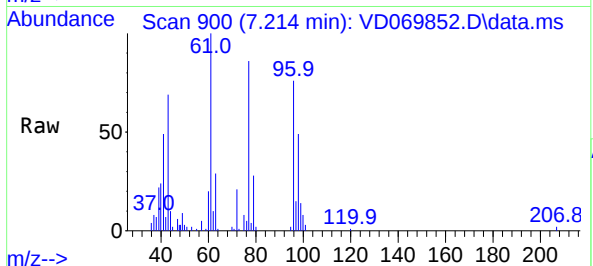
#25
2-Butanone
Concen: 22.736 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 43 Resp: 44792
Ion Ratio Lower Upper
43 100
72 30.2 22.8 34.2

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

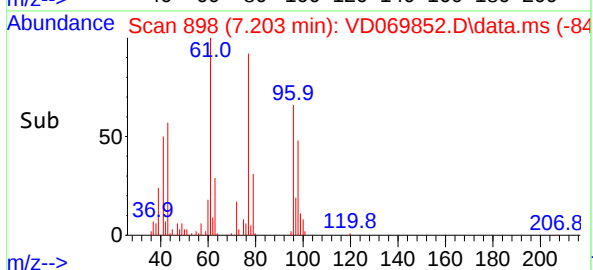
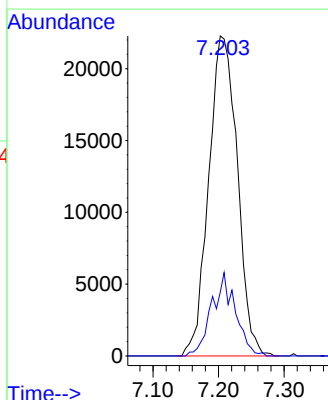
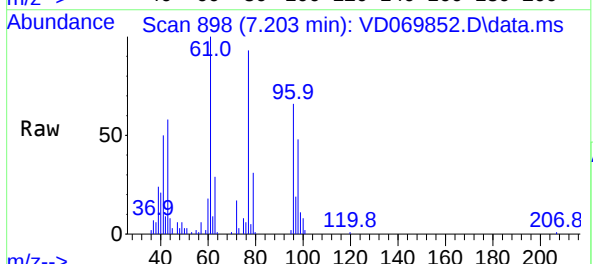
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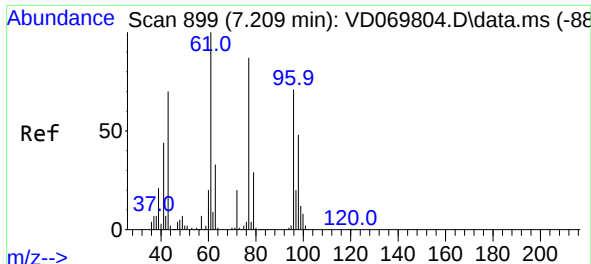
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#26
2,2-Dichloropropane
Concen: 5.048 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 77 Resp: 67572
Ion Ratio Lower Upper
77 100
97 21.6 11.9 35.7





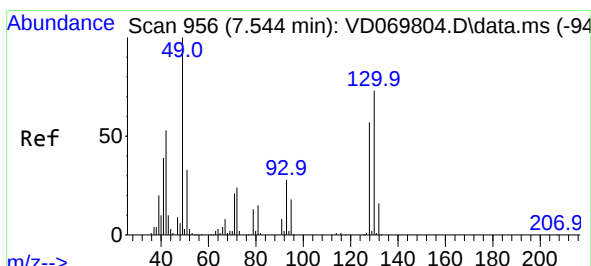
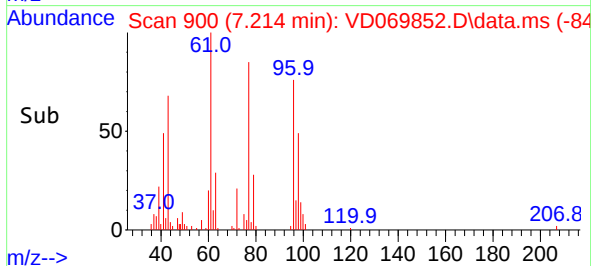
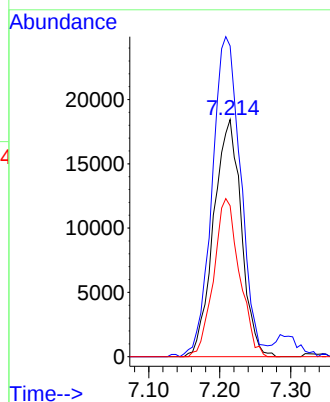
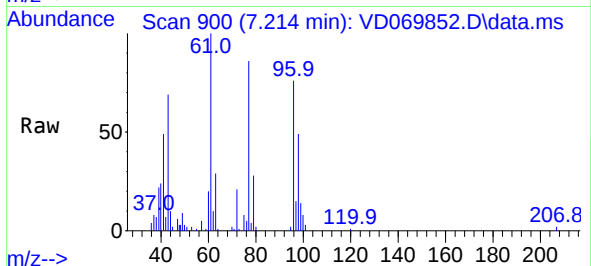
#27
 cis-1,2-Dichloroethene
 Concen: 4.963 ug/l
 RT: 7.214 min Scan# 900
 Delta R.T. 0.006 min
 Lab File: VD069852.D
 Acq: 26 Jul 2021 17:19

Tgt Ion:	96	Resp:	49920
Ion	Ratio	Lower	Upper
96	100		
61	139.4	0.0	291.6
98	62.3	0.0	132.0

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

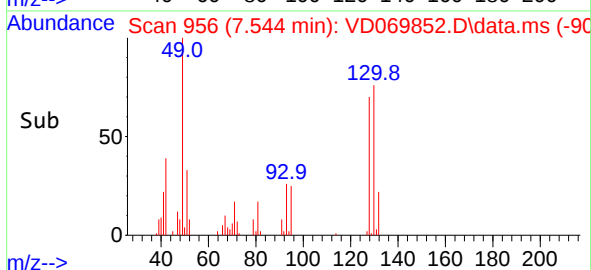
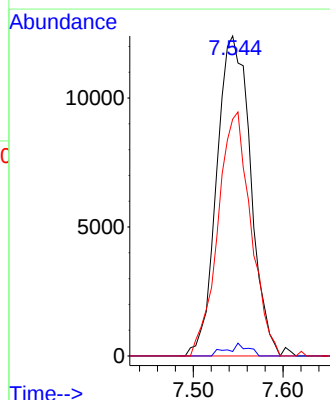
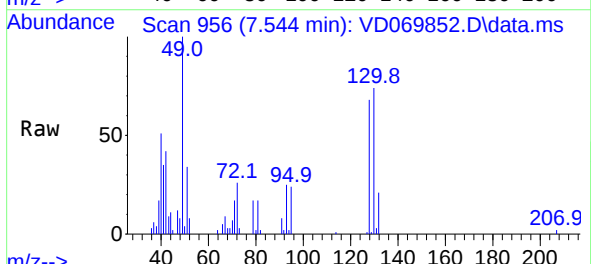
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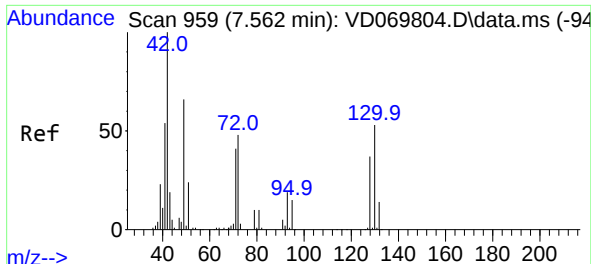
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#28
 Bromochloromethane
 Concen: 4.850 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.000 min
 Lab File: VD069852.D
 Acq: 26 Jul 2021 17:19

Tgt Ion:	49	Resp:	32420
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	74.3	59.6	89.4





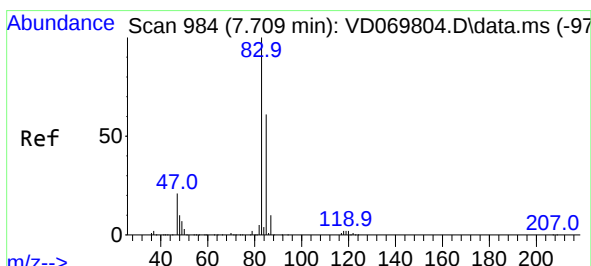
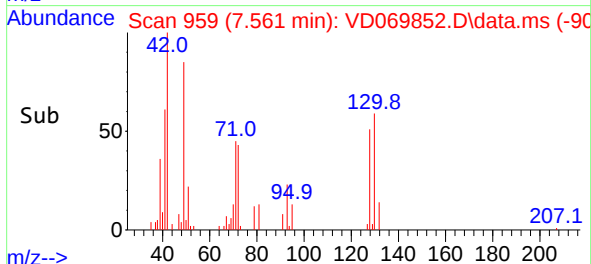
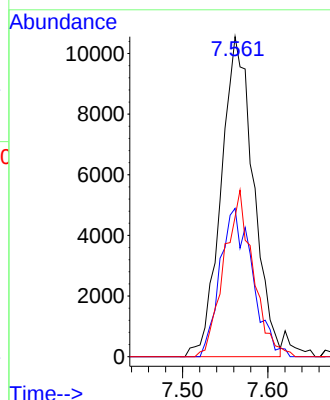
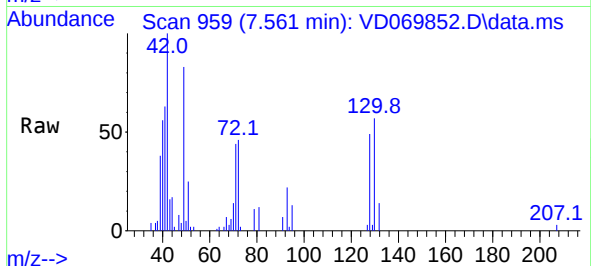
#29
Tetrahydrofuran
Concen: 21.790 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion:	42	Resp:	27773
Ion	Ratio	Lower	Upper
42	100		
72	46.8	36.5	54.7
71	46.8	33.5	50.3

Instrument :
MSVOA_D
ClientSampleId :
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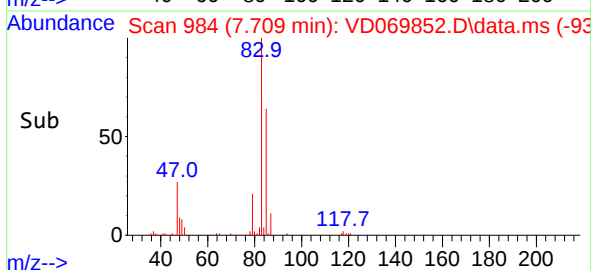
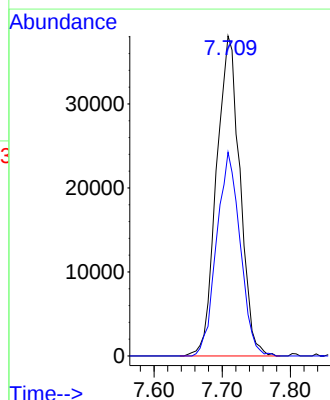
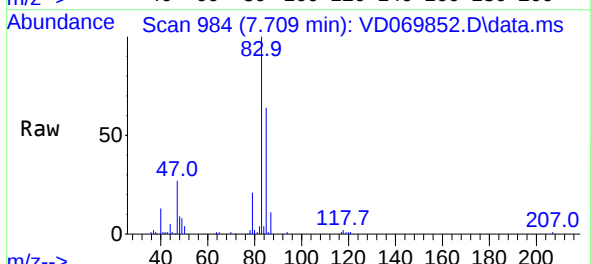
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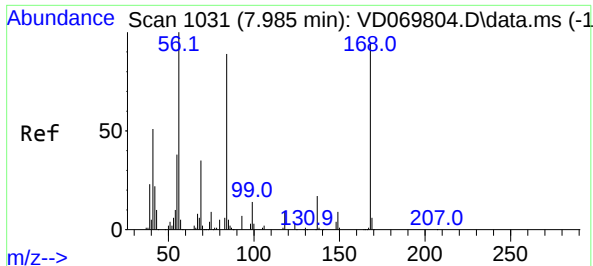
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#30
Chloroform
Concen: 5.148 ug/l
RT: 7.709 min Scan# 984
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion:	83	Resp:	91127
Ion	Ratio	Lower	Upper
83	100		
85	63.6	49.1	73.7





#31

Cyclohexane

Concen: 5.305 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD069852.D

Acq: 26 Jul 2021 17:19

Tgt Ion: 56 Resp: 83354

Ion	Ratio	Lower	Upper
56	100		
69	69.6	27.9	41.9#
84	104.4	71.4	107.2

Instrument :

MSVOA_D

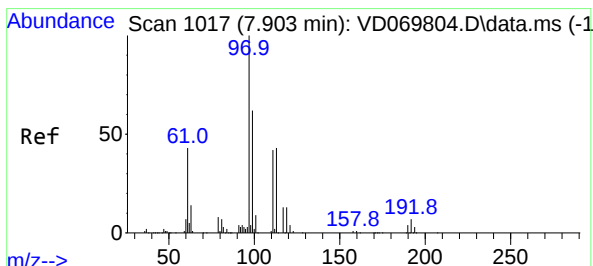
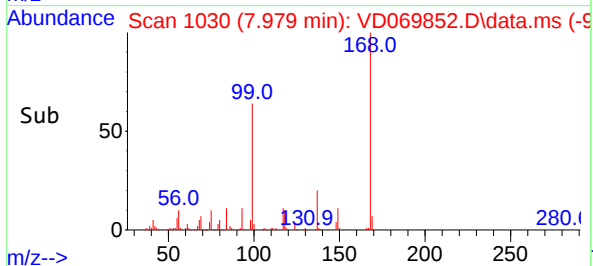
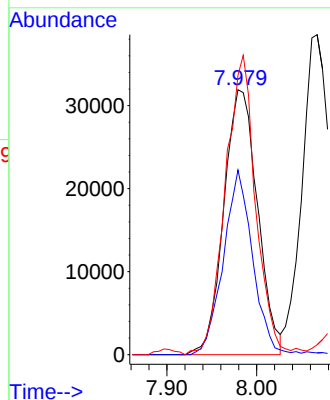
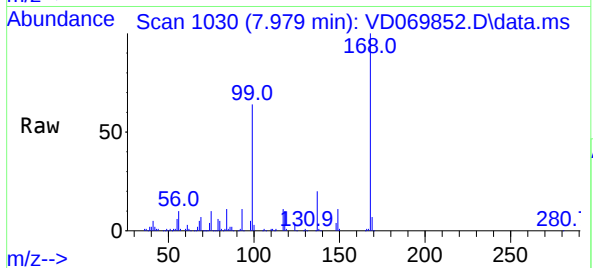
ClientSampleId :

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#32

1,1,1-Trichloroethane

Concen: 5.089 ug/l

RT: 7.903 min Scan# 1017

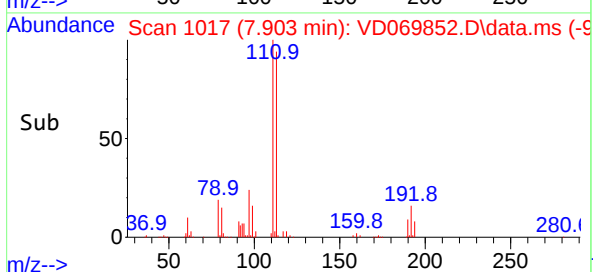
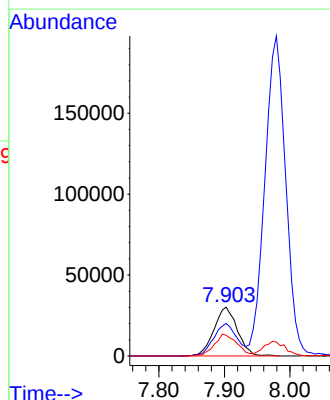
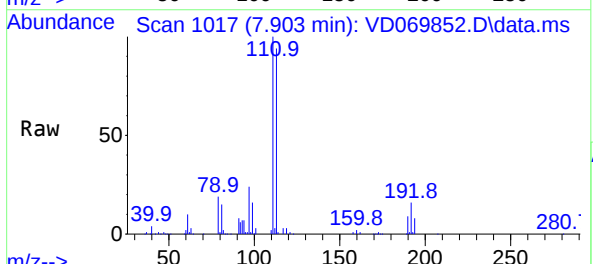
Delta R.T. -0.000 min

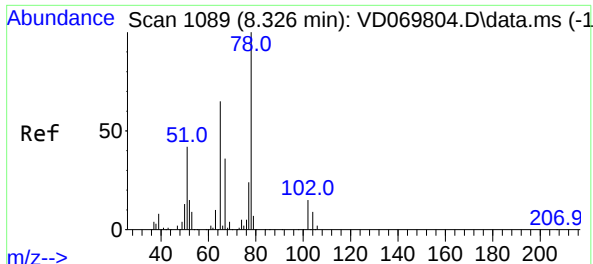
Lab File: VD069852.D

Acq: 26 Jul 2021 17:19

Tgt Ion: 97 Resp: 74560

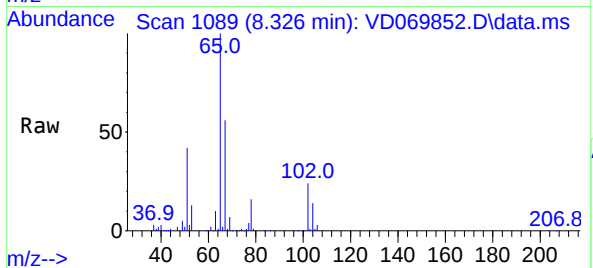
Ion	Ratio	Lower	Upper
97	100		
99	65.9	50.8	76.2
61	43.4	34.5	51.7





#33
1,2-Dichloroethane-d4
Concen: 47.614 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

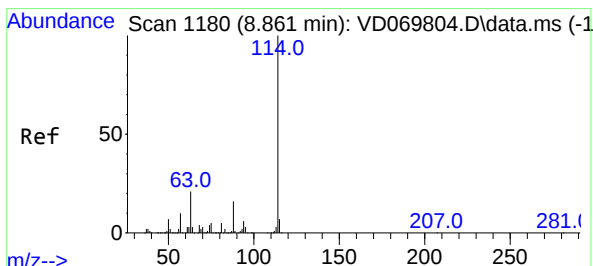
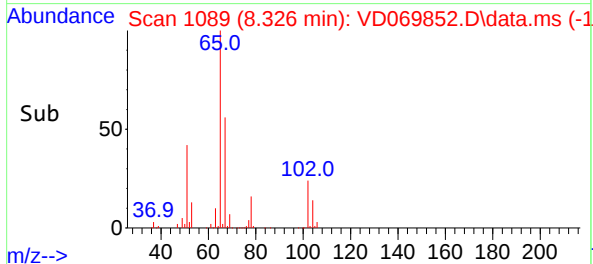
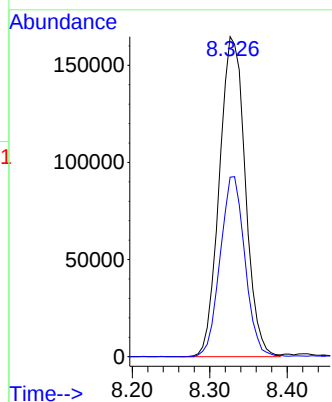
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021



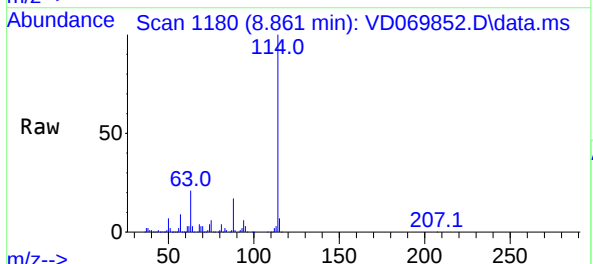
Tgt Ion: 65 Resp: 382902
Ion Ratio Lower Upper
65 100
67 53.9 0.0 111.2

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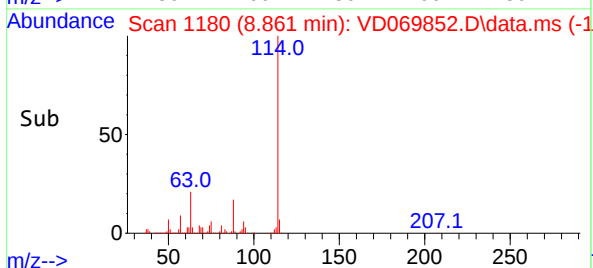
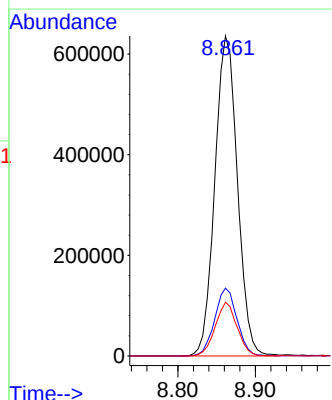
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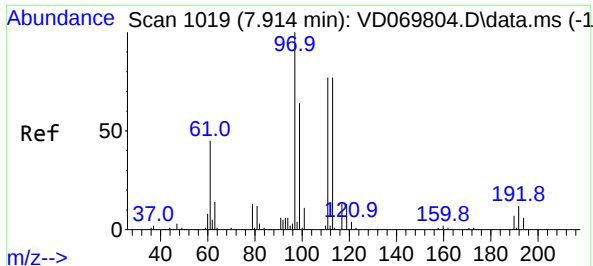


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

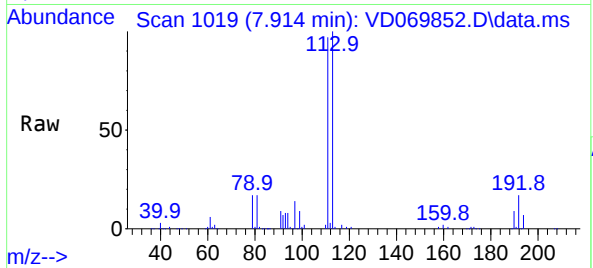


Tgt Ion: 114 Resp: 1287526
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.6
88 16.8 0.0 31.4

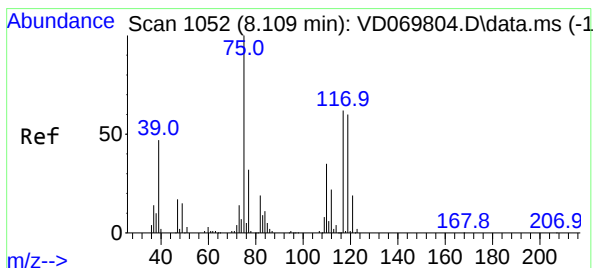
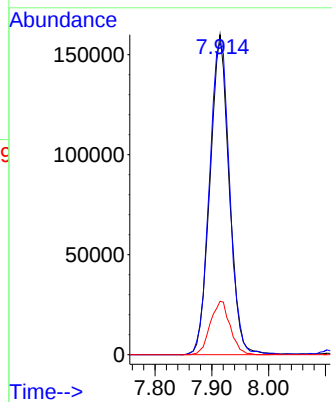
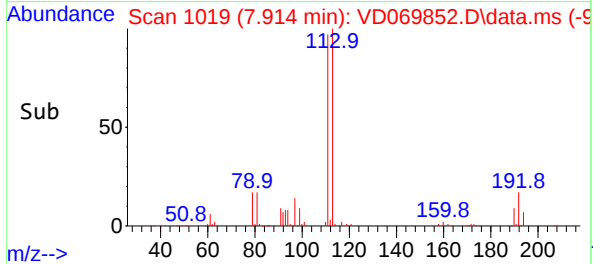




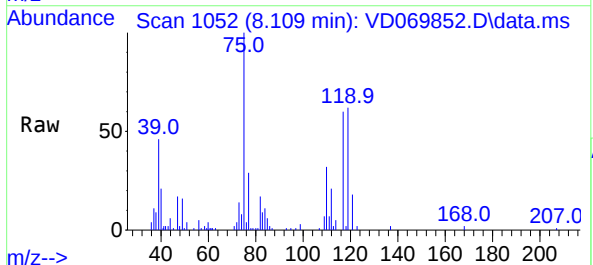
#35
Dibromofluoromethane
Concen: 46.201 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19



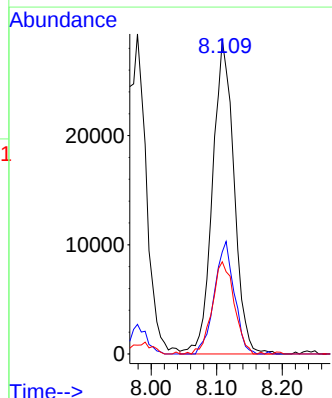
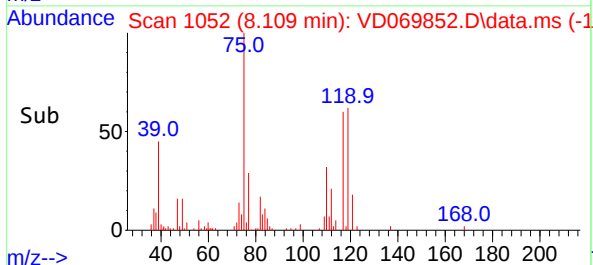
Tgt Ion: 113 Resp: 374992
Ion Ratio Lower Upper
113 100
111 103.2 80.5 120.7
192 17.2 12.6 19.0



#36
1,1-Dichloropropene
Concen: 4.707 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19



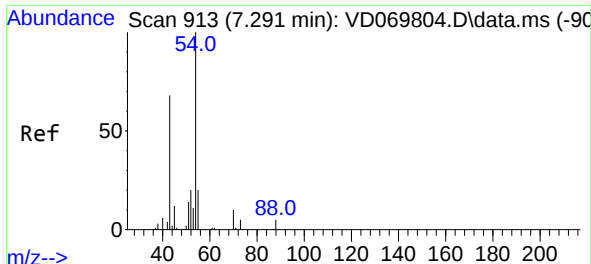
Tgt Ion: 75 Resp: 65398
Ion Ratio Lower Upper
75 100
110 33.0 16.9 50.7
77 29.9 24.9 37.3



Instrument :
MSVOA_D
ClientSampleId :
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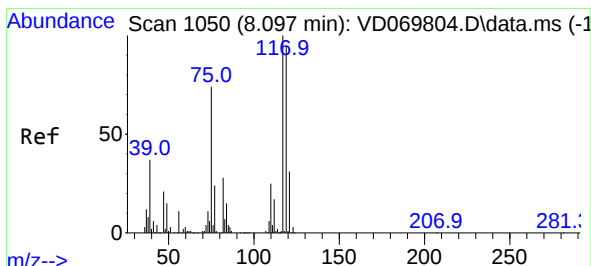
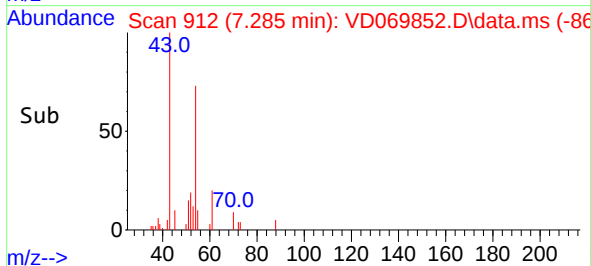
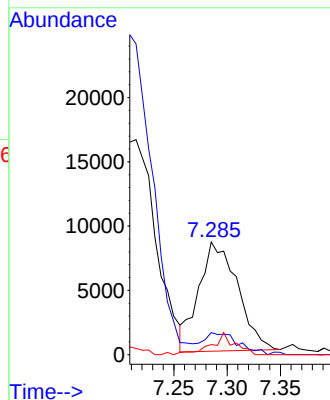
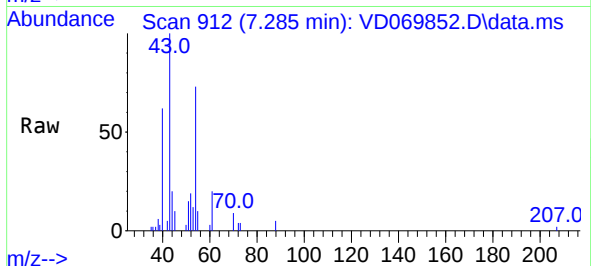
#37
Ethyl Acetate
Concen: 4.255 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 43 Resp: 21525
Ion Ratio Lower Upper
43 100
61 19.0 11.8 17.8#
70 12.3 8.9 13.3

Instrument :
MSVOA_D
ClientSampleId :
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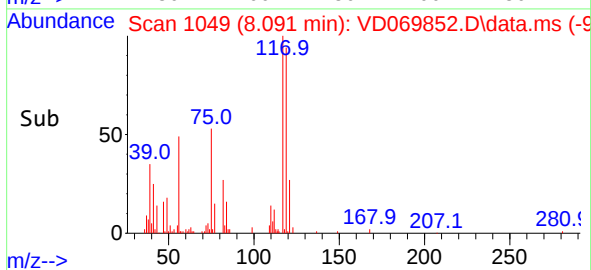
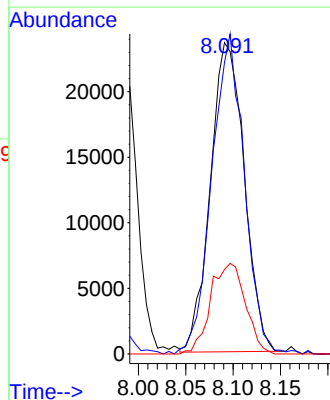
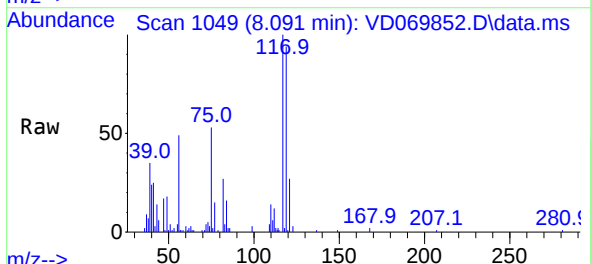
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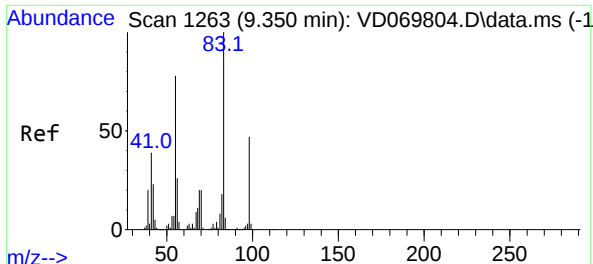
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#38
Carbon Tetrachloride
Concen: 4.624 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 117 Resp: 58690
Ion Ratio Lower Upper
117 100
119 93.3 76.2 114.2
121 27.4 24.5 36.7





#39

Methylcyclohexane

Concen: 4.904 ug/l

RT: 9.356 min Scan# 1264

Delta R.T. 0.006 min

Lab File: VD069852.D

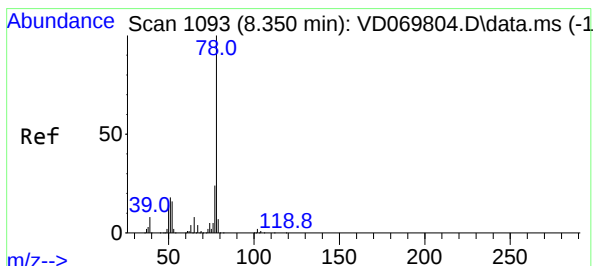
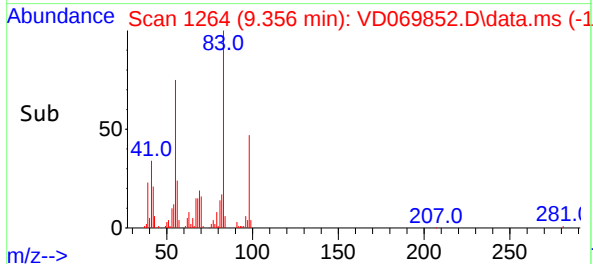
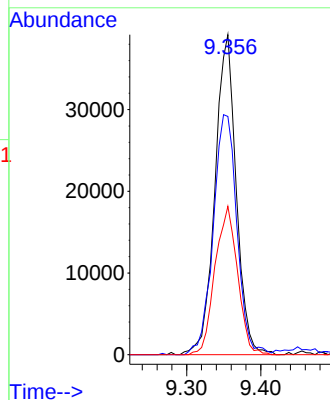
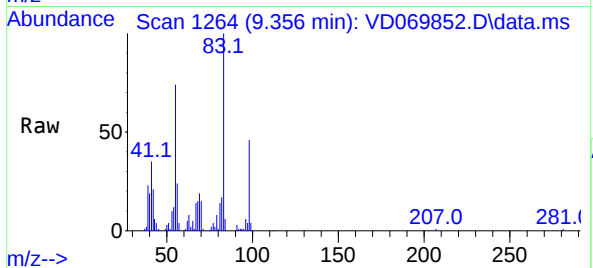
Acq: 26 Jul 2021 17:19

Tgt Ion:	83	Resp:	78037
Ion	Ratio	Lower	Upper
83	100		
55	74.5	62.2	93.2
98	46.3	37.8	56.8

Instrument :
MSVOA_D
ClientSampleId :
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#40

Benzene

Concen: 4.795 ug/l

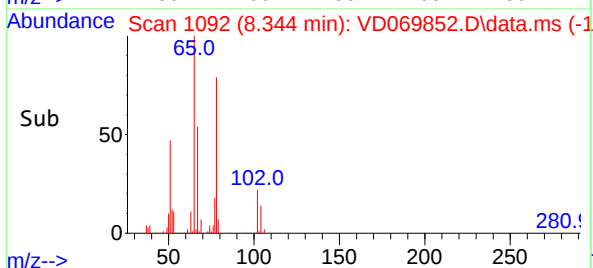
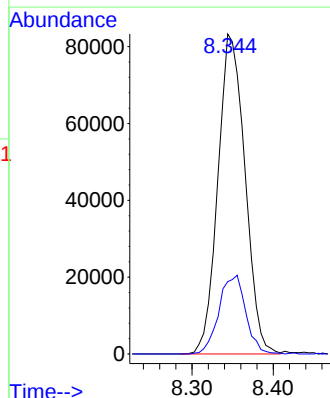
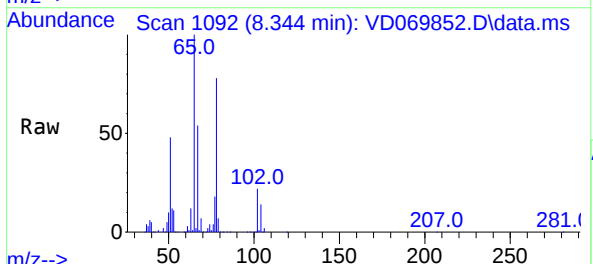
RT: 8.344 min Scan# 1092

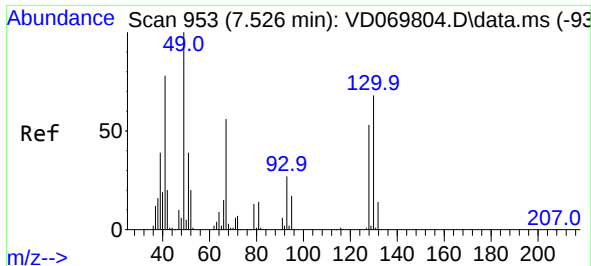
Delta R.T. -0.006 min

Lab File: VD069852.D

Acq: 26 Jul 2021 17:19

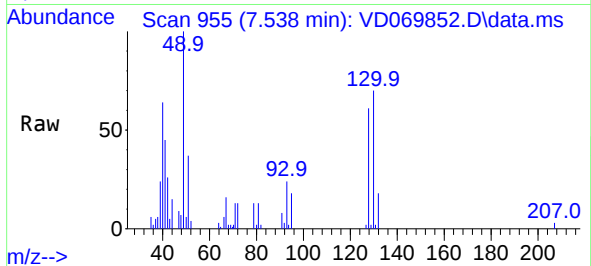
Tgt Ion:	78	Resp:	193030
Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.4	29.0





#41
Methacrylonitrile
Concen: 5.352 ug/l m
RT: 7.538 min Scan# 955
Delta R.T. 0.012 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

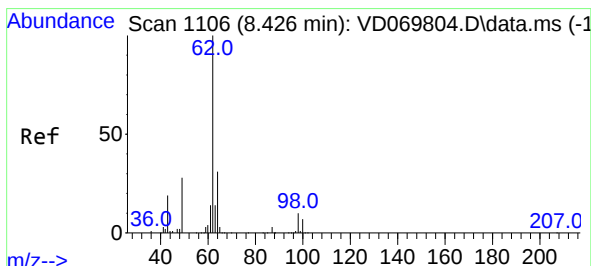
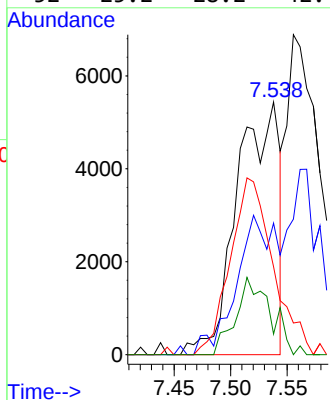
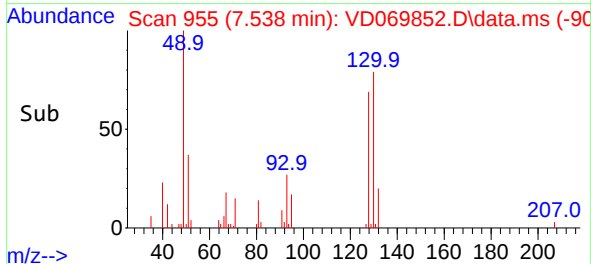
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021



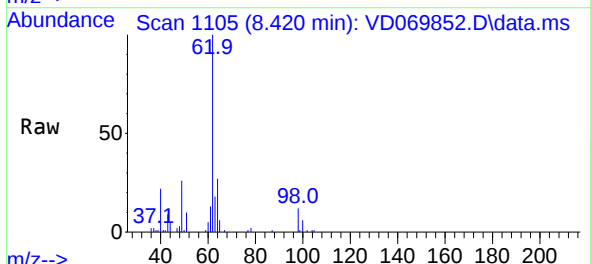
Tgt Ion: 41 Resp: 14207
Ion Ratio Lower Upper
41 100
39 39.7 46.7 70.1#
67 70.9 69.3 103.9
52 25.2 28.2 42.4#

Manual Integrations
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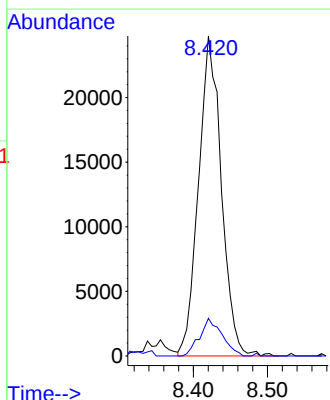
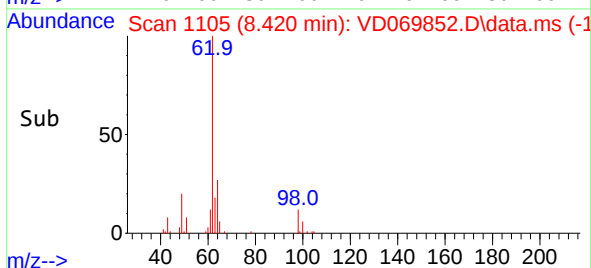
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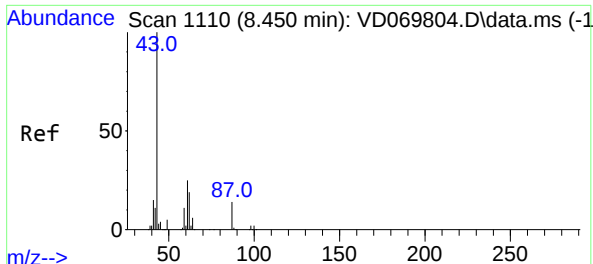


#42
1,2-Dichloroethane
Concen: 4.976 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19



Tgt Ion: 62 Resp: 52971
Ion Ratio Lower Upper
62 100
98 11.5 0.0 20.4





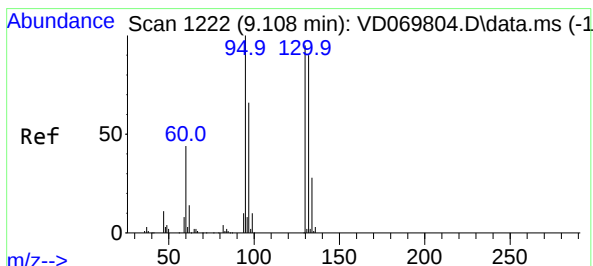
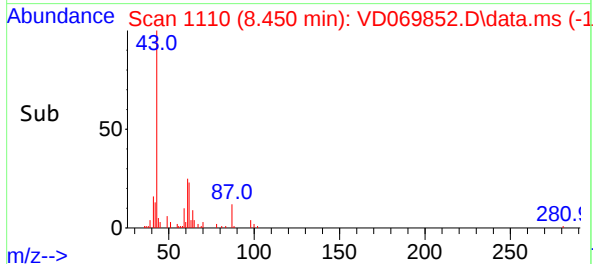
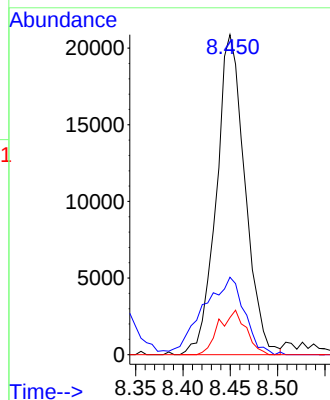
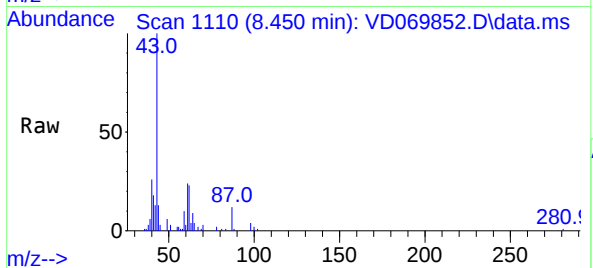
#43
Isopropyl Acetate
Concen: 4.840 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion:	43	Resp:	43907
Ion	Ratio	Lower	Upper
43	100		
61	34.9	27.8	41.6
87	13.2	11.3	16.9

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

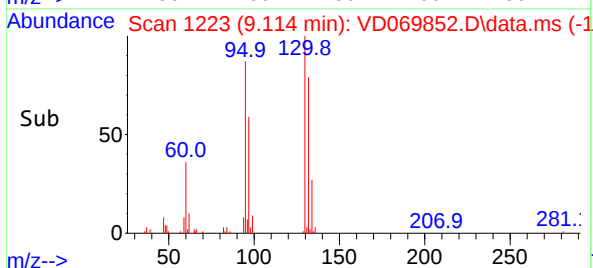
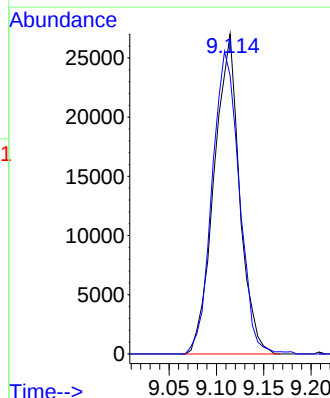
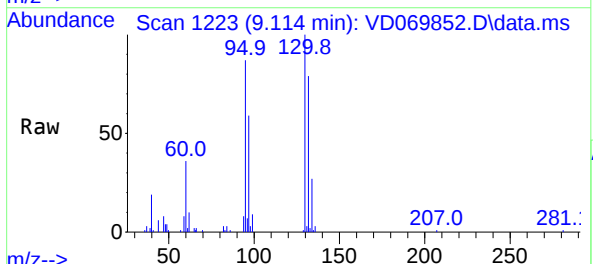
Manual Integrations
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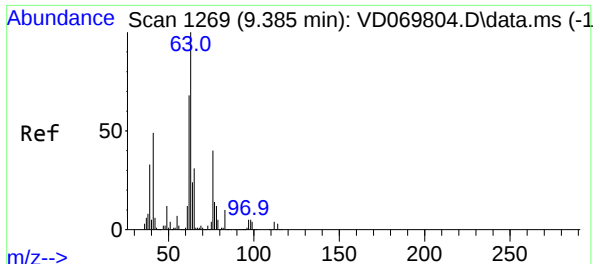
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#44
Trichloroethene
Concen: 5.097 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion:	130	Resp:	50527
Ion	Ratio	Lower	Upper
130	100		
95	87.0	0.0	210.8





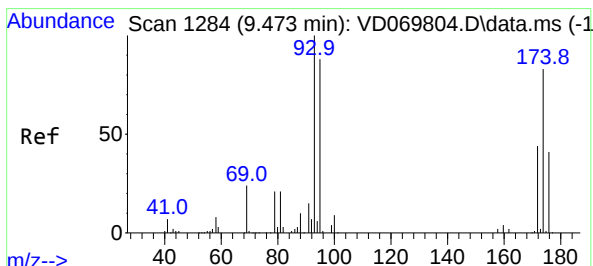
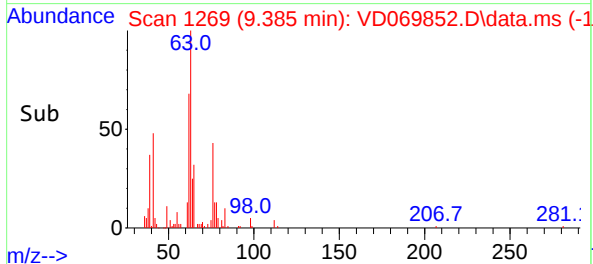
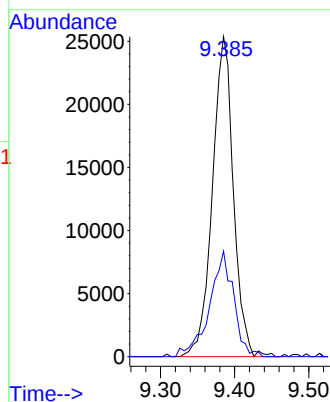
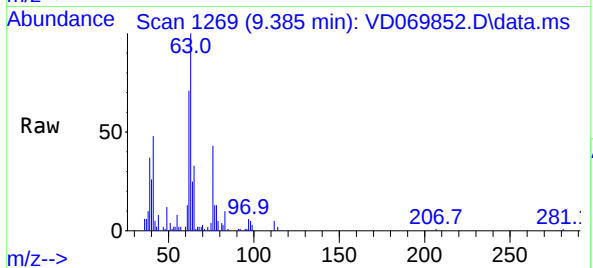
#45
1,2-Dichloropropane
Concen: 4.729 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 63 Resp: 49998
Ion Ratio Lower Upper
63 100
65 33.0 24.9 37.3

Instrument :
MSVOA_D
ClientSampleId :
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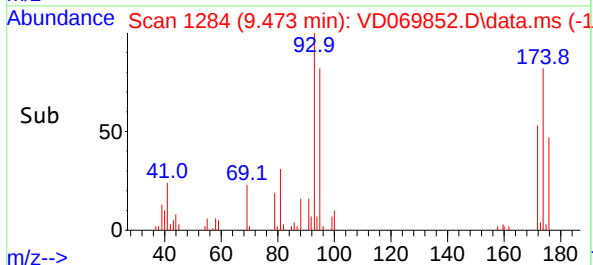
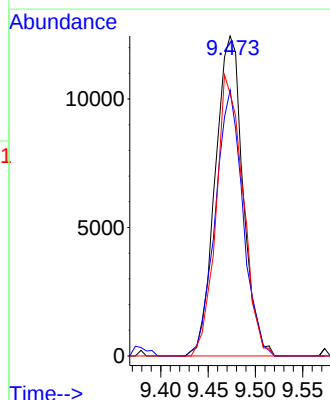
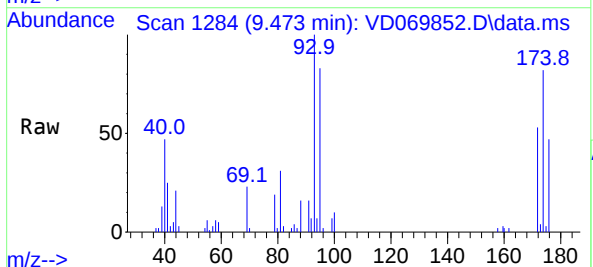
Manual Integrations
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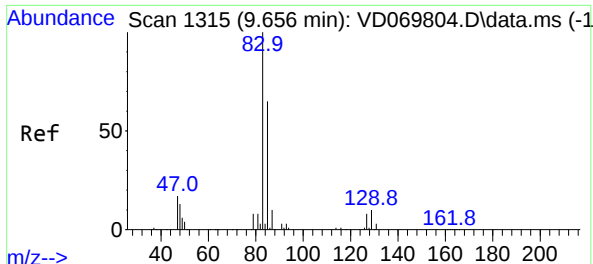
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#46
Dibromomethane
Concen: 4.877 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 93 Resp: 25349
Ion Ratio Lower Upper
93 100
95 82.9 67.5 101.3
174 85.4 66.3 99.5





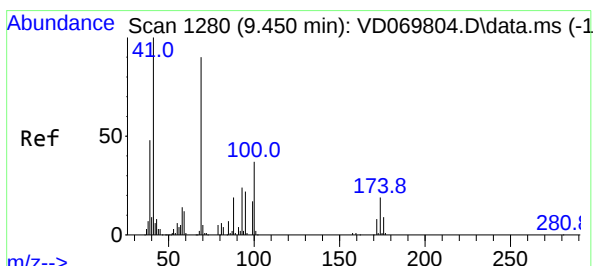
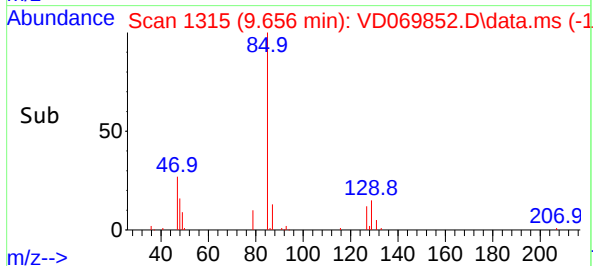
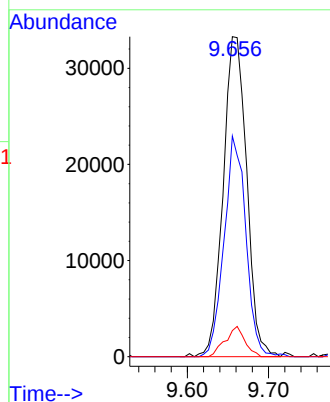
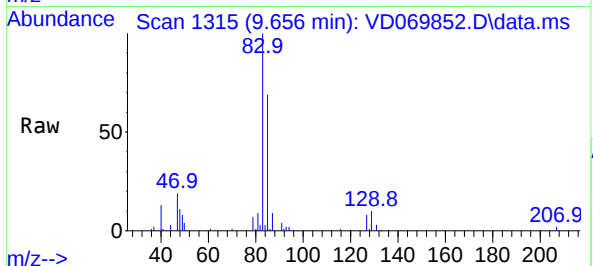
#47
Bromodichloromethane
Concen: 4.964 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion:	83	Resp:	67033
Ion Ratio	Lower	Upper	
83	100		
85	68.9	52.0	78.0
127	8.2	6.6	10.0

Instrument :
MSVOA_D
ClientSampleId :
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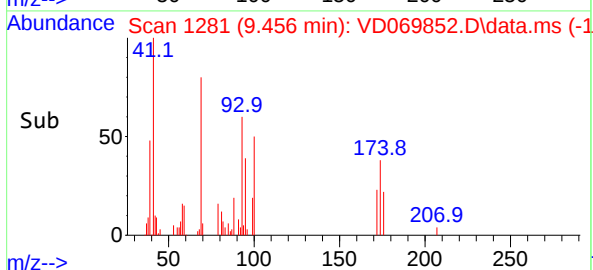
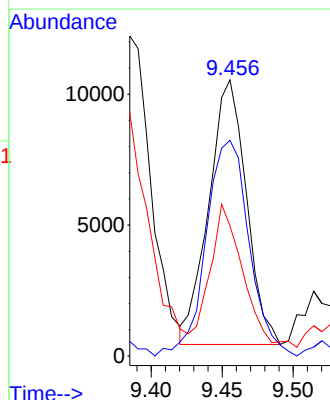
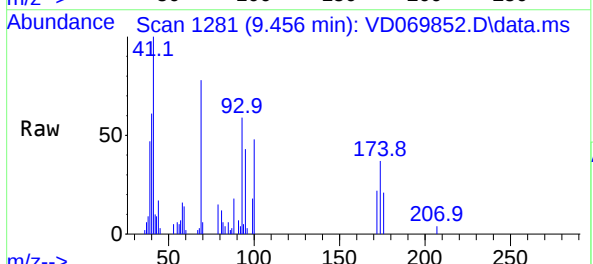
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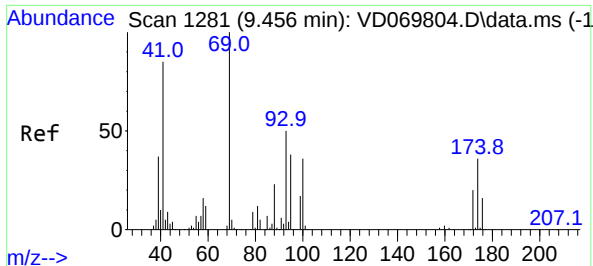
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#48
Methyl methacrylate
Concen: 4.252 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

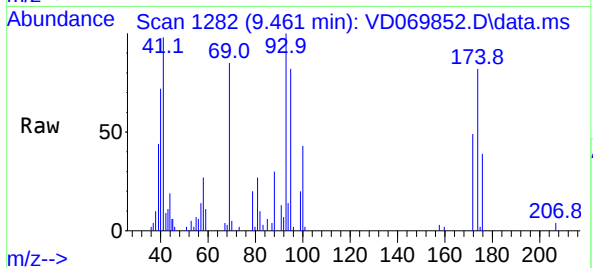
Tgt Ion:	41	Resp:	18557
Ion Ratio	Lower	Upper	
41	100		
69	93.5	73.4	110.2
39	42.6	36.6	55.0





#49
1,4-Dioxane
Concen: 98.141 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

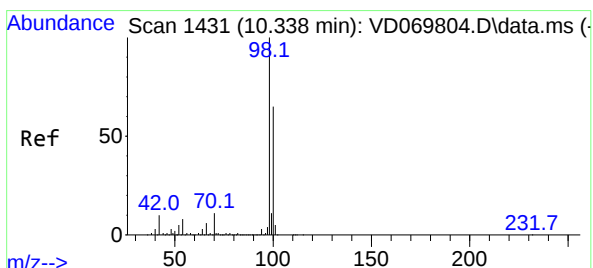
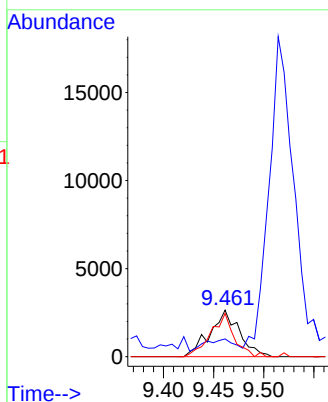
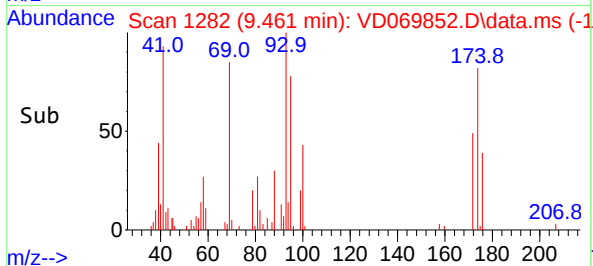
Instrument :
MSVOA_D
ClientSampleId :
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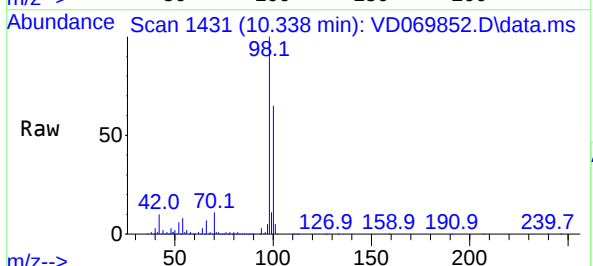
Tgt Ion: 88 Resp: 5389
Ion Ratio Lower Upper
88 100
43 0.0 26.8 40.2#
58 74.2 59.8 89.6

Manual Integrations
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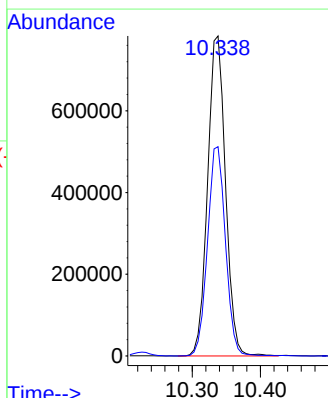
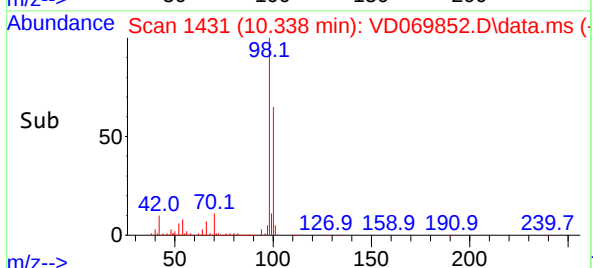
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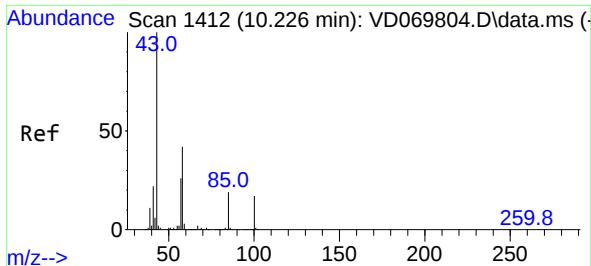


#50
Toluene-d8
Concen: 45.740 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19



Tgt Ion: 98 Resp: 1431535
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9





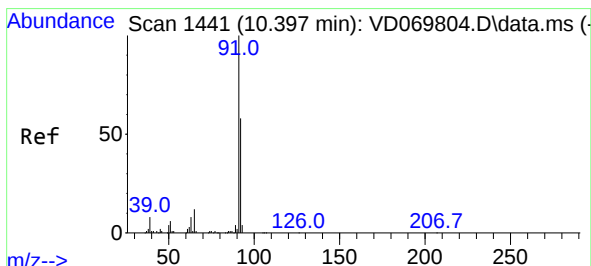
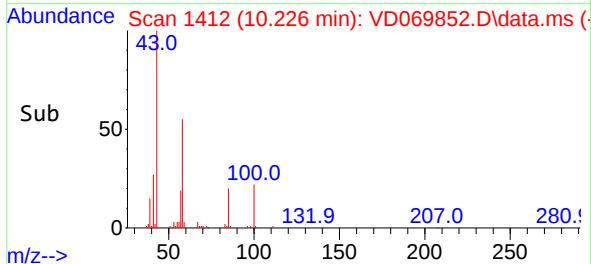
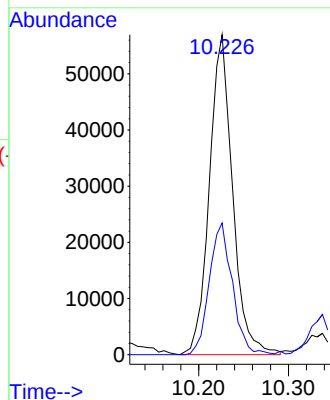
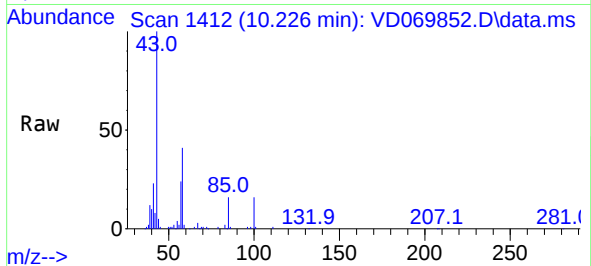
#51
4-Methyl-2-Pentanone
Concen: 21.685 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 43 Resp: 102373
Ion Ratio Lower Upper
43 100
58 40.9 33.7 50.5

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

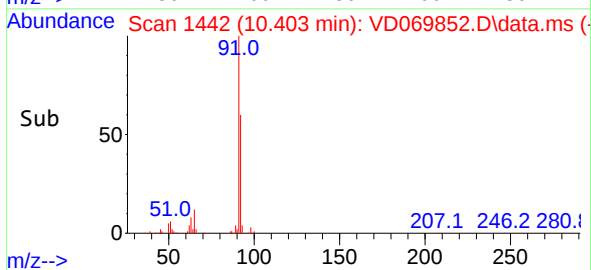
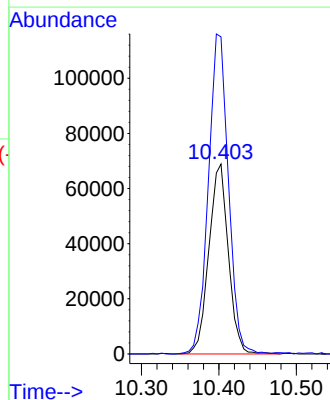
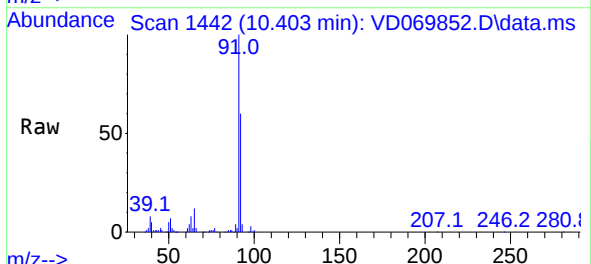
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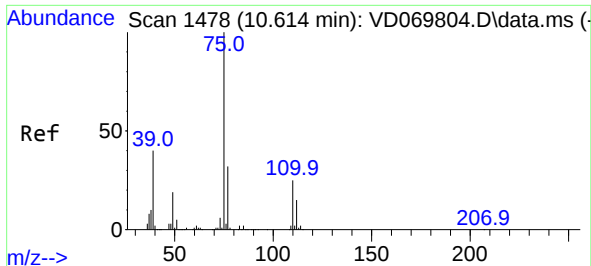
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#52
Toluene
Concen: 4.927 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 92 Resp: 120319
Ion Ratio Lower Upper
92 100
91 173.1 138.7 208.1





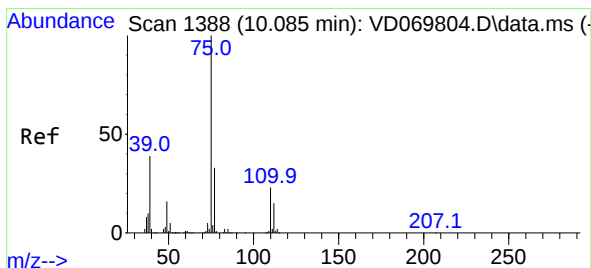
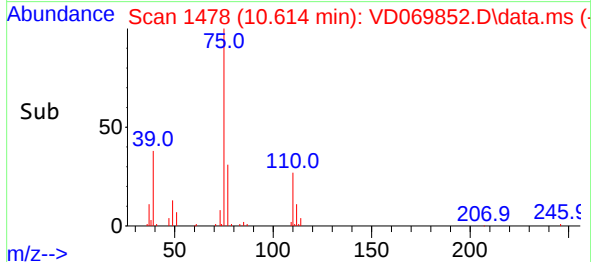
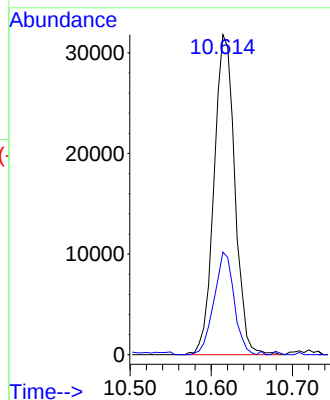
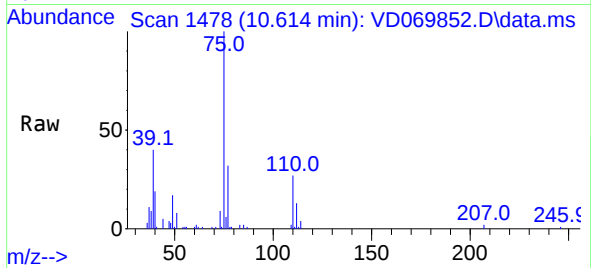
#53
t-1,3-Dichloropropene
Concen: 4.999 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 75 Resp: 56656
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6

Instrument :
MSVOA_D
ClientSampleId :
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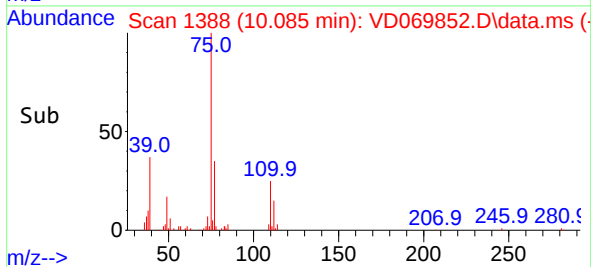
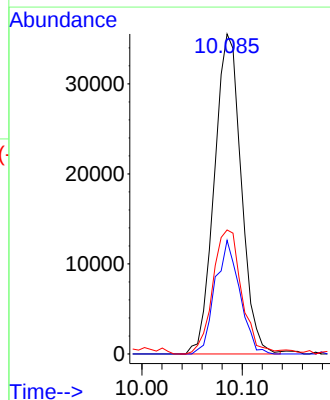
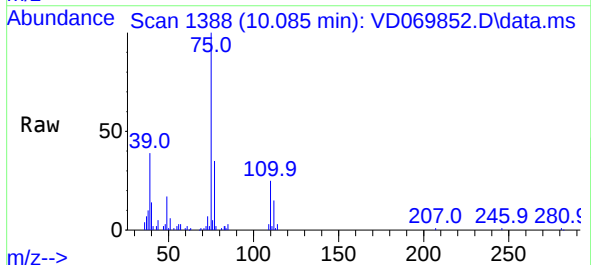
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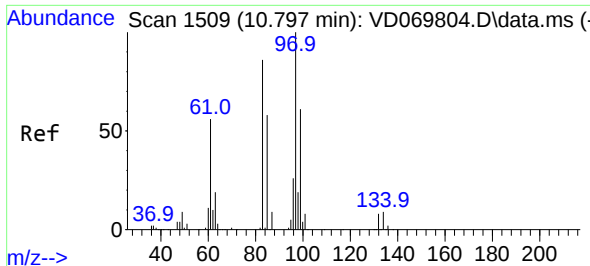
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#54
cis-1,3-Dichloropropene
Concen: 4.807 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 75 Resp: 65960
Ion Ratio Lower Upper
75 100
77 35.5 26.3 39.5
39 38.8 31.0 46.6





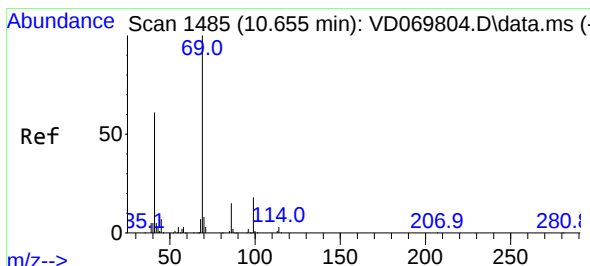
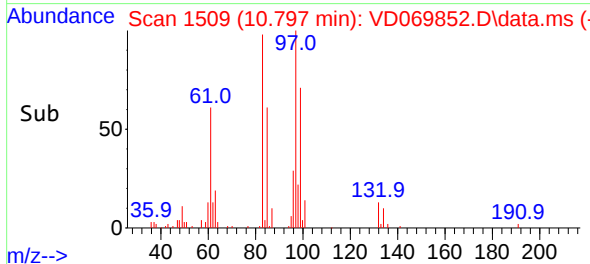
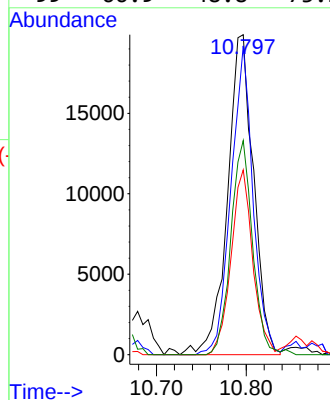
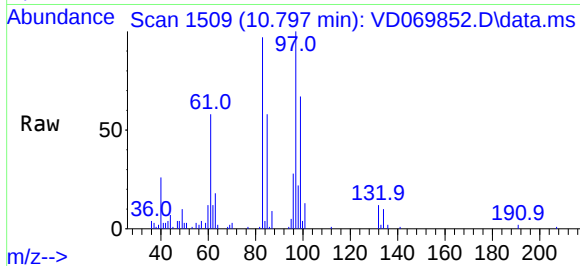
#55
1,1,2-Trichloroethane
Concen: 5.437 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion:	97	Resp:	39912
Ion	Ratio	Lower	Upper
97	100		
83	96.5	69.1	103.7
85	57.8	46.2	69.2
99	66.9	48.8	73.2

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

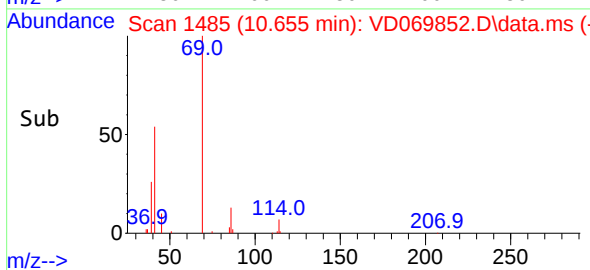
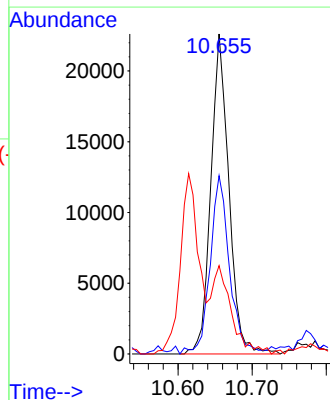
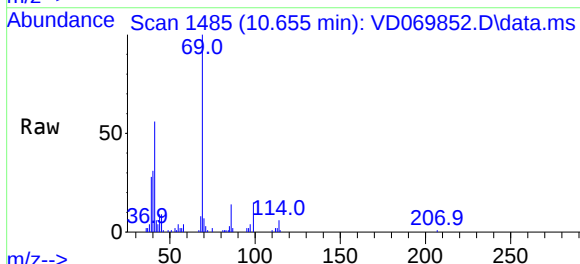
Manual Integrations
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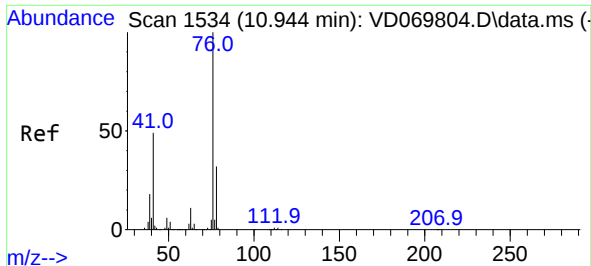
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#56
Ethyl methacrylate
Concen: 4.761 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion:	69	Resp:	38266
Ion	Ratio	Lower	Upper
69	100		
41	60.1	50.2	75.2
39	27.2	22.0	33.0





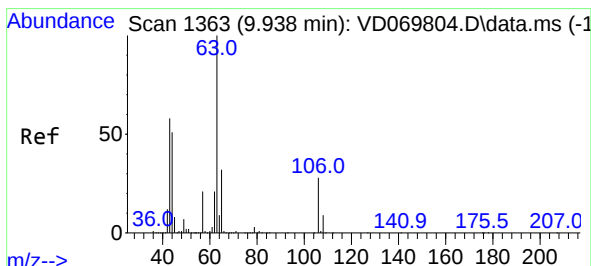
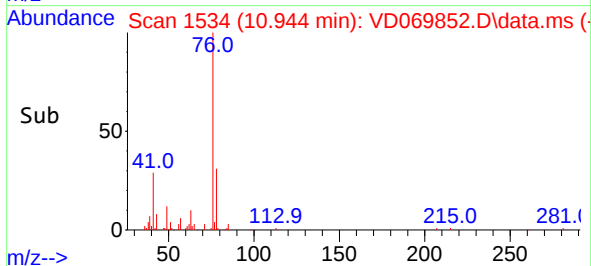
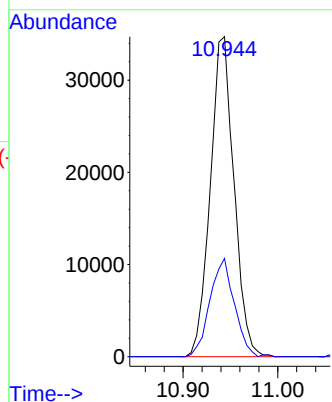
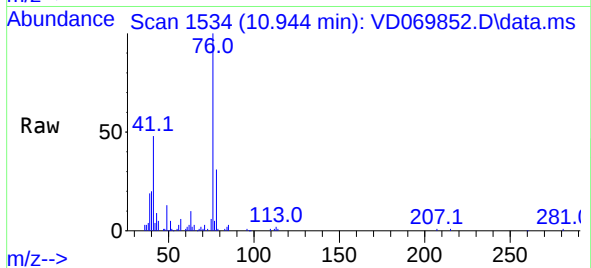
#57
1,3-Dichloropropane
Concen: 4.862 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 76 Resp: 60389
Ion Ratio Lower Upper
76 100
78 31.8 26.2 39.2

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

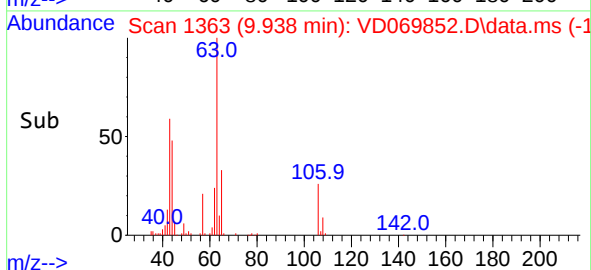
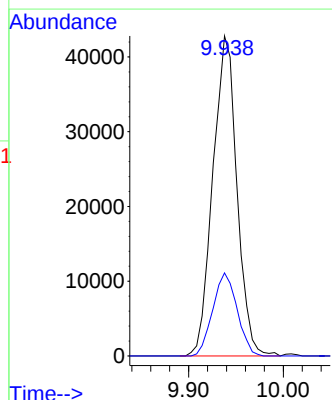
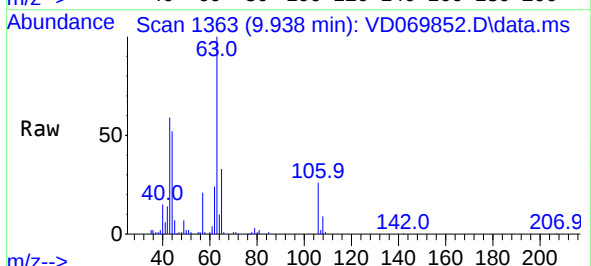
Manual Integrations
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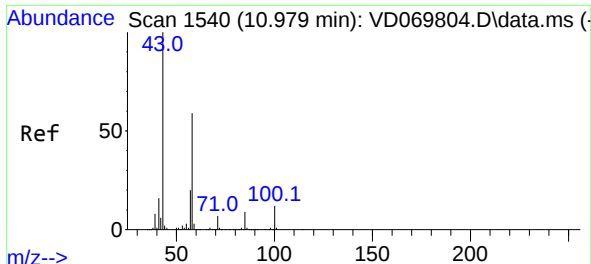
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#58
2-Chloroethyl Vinyl ether
Concen: 21.940 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 63 Resp: 75539
Ion Ratio Lower Upper
63 100
106 26.3 21.8 32.6





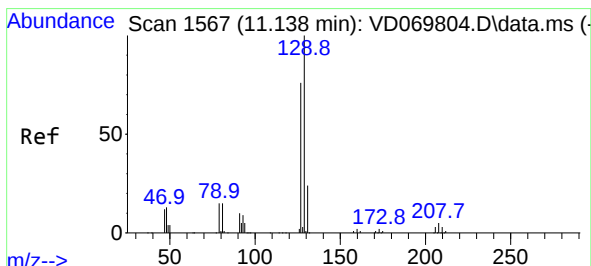
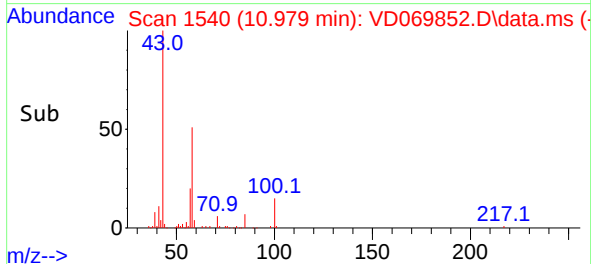
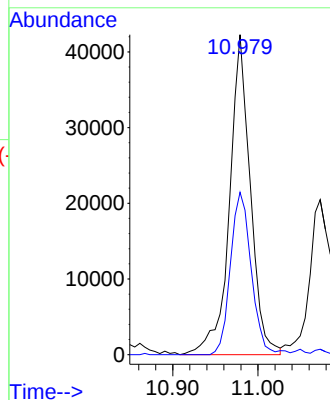
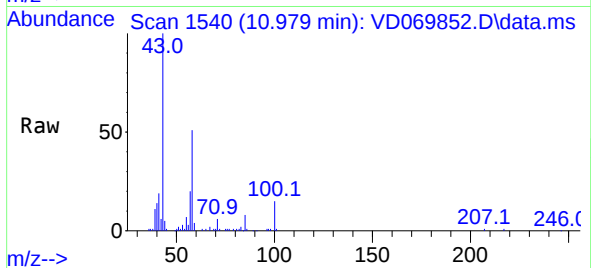
#59
2-Hexanone
Concen: 23.042 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 43 Resp: 71950
Ion Ratio Lower Upper
43 100
58 50.7 29.4 88.3

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

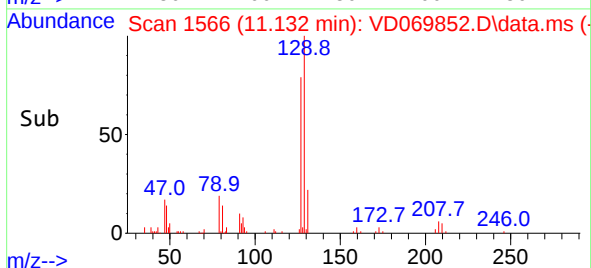
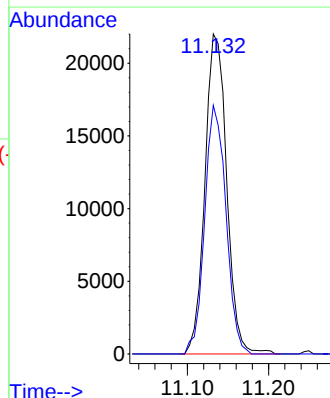
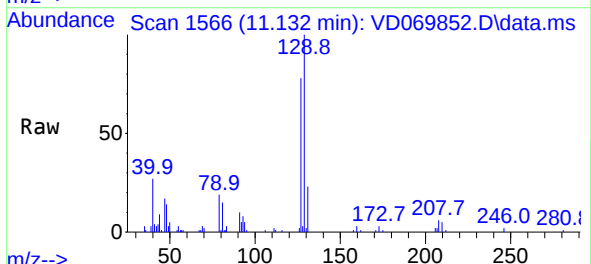
Manual Integrations
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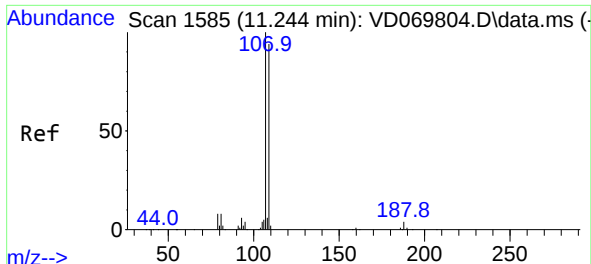
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#60
Dibromochloromethane
Concen: 4.926 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 129 Resp: 40951
Ion Ratio Lower Upper
129 100
127 76.0 38.7 116.1





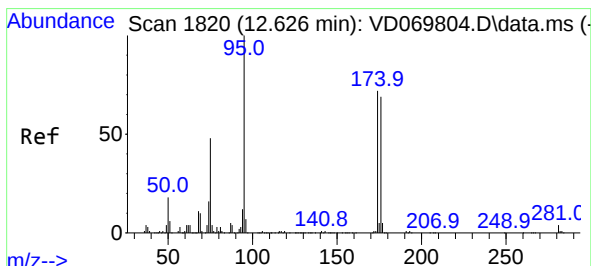
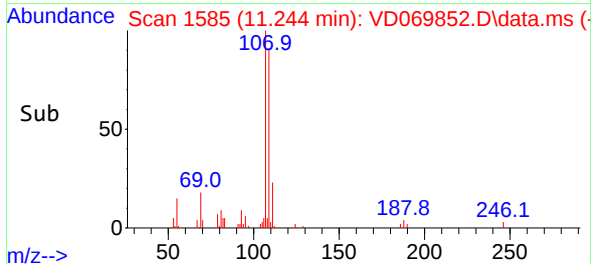
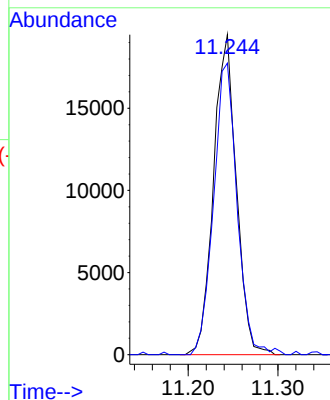
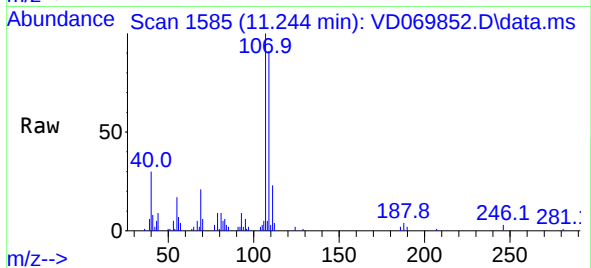
#61
1,2-Dibromoethane
Concen: 5.194 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 107 Resp: 34331
Ion Ratio Lower Upper
107 100
109 94.1 74.5 111.7

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

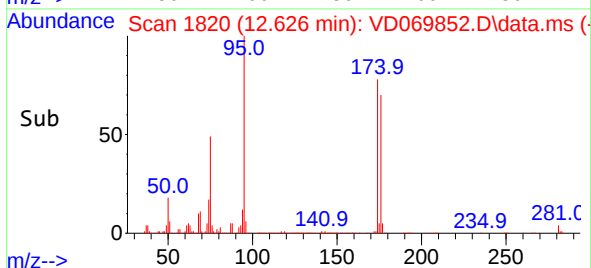
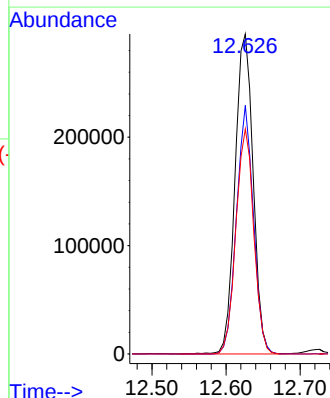
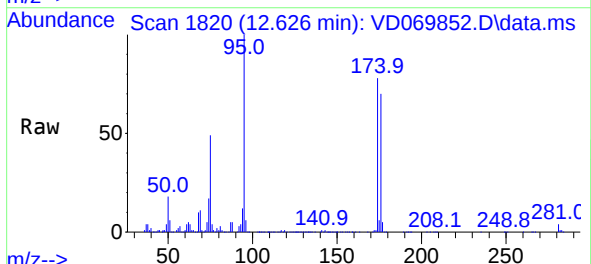
Manual Integrations
APPROVED

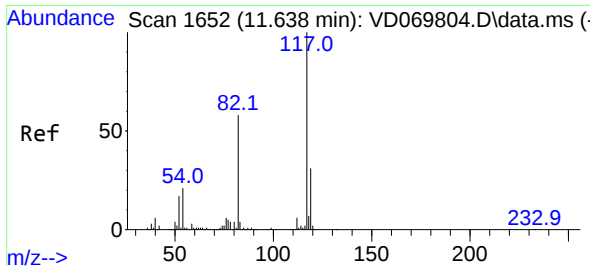
MMDadoda
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#62
4-Bromofluorobenzene
Concen: 47.679 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

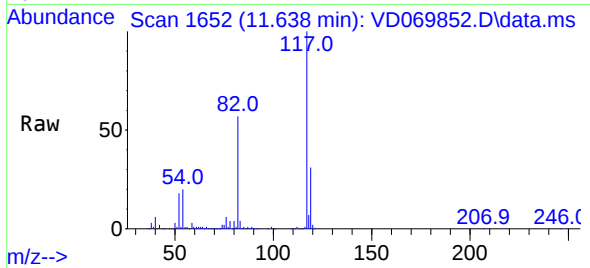
Tgt Ion: 95 Resp: 498696
Ion Ratio Lower Upper
95 100
174 73.3 0.0 142.6
176 69.5 0.0 134.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

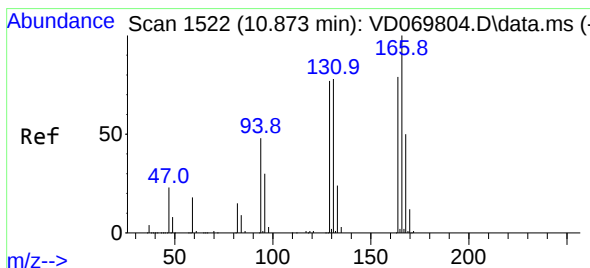
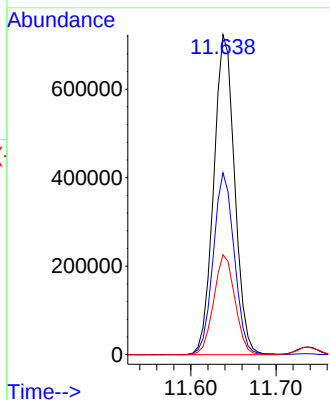
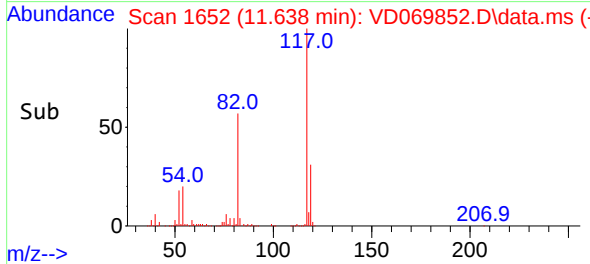
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021



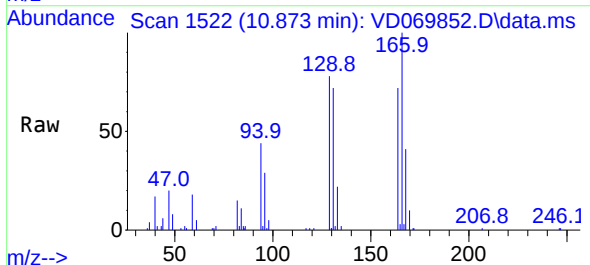
Tgt Ion:117 Resp: 1236228
Ion Ratio Lower Upper
117 100
82 56.8 46.3 69.5
119 31.3 24.7 37.1

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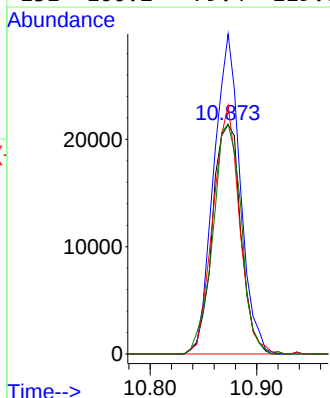
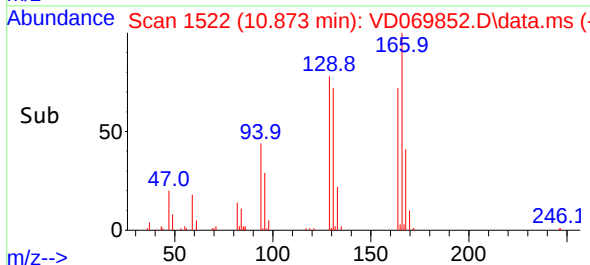
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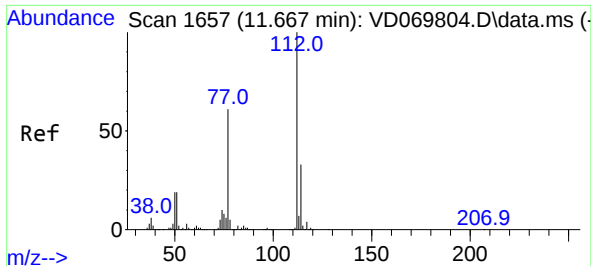


#64
Tetrachloroethene
Concen: 5.026 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19



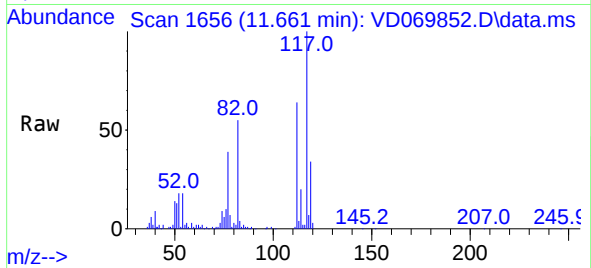
Tgt Ion:164 Resp: 39604
Ion Ratio Lower Upper
164 100
166 139.5 101.8 152.8
129 108.3 78.8 118.2
131 100.2 79.4 119.0





#65
Chlorobenzene
Concen: 4.928 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

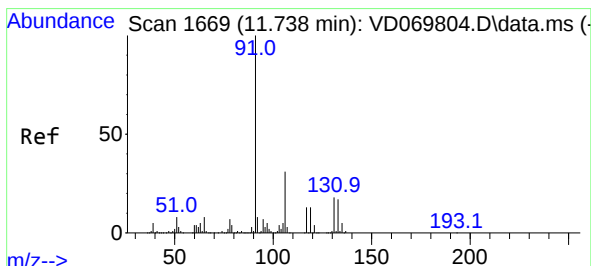
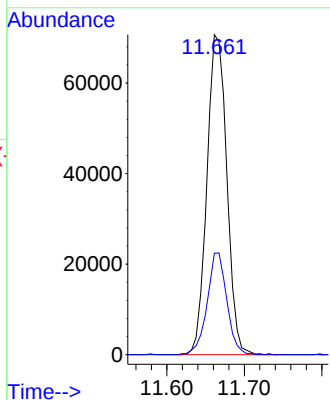
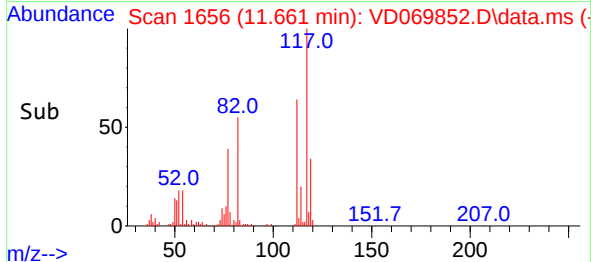
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021



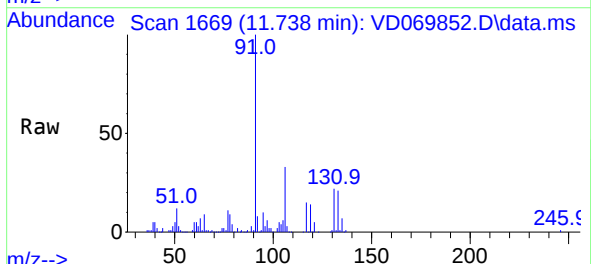
Tgt Ion:112 Resp: 126229
Ion Ratio Lower Upper
112 100
114 31.7 26.5 39.7

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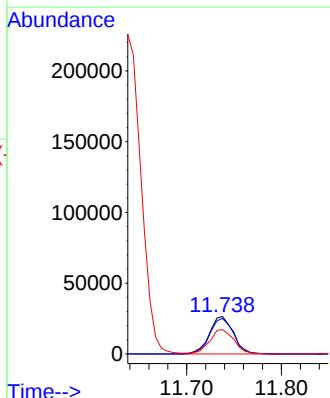
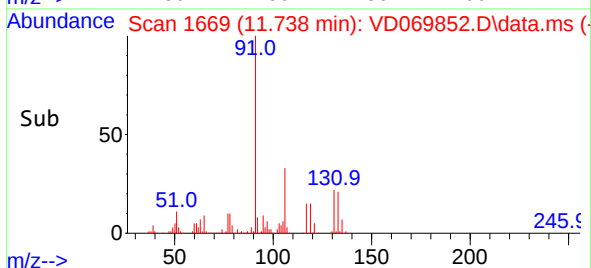
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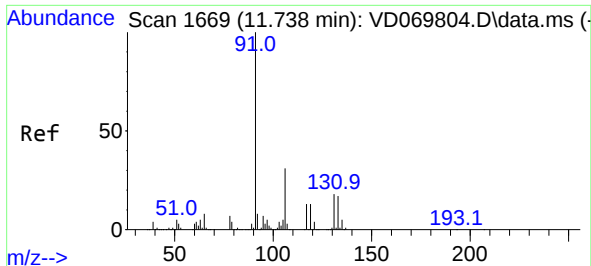


#66
1,1,1,2-Tetrachloroethane
Concen: 5.007 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19



Tgt Ion:131 Resp: 46135
Ion Ratio Lower Upper
131 100
133 95.7 46.4 139.1
119 67.1 34.2 102.5





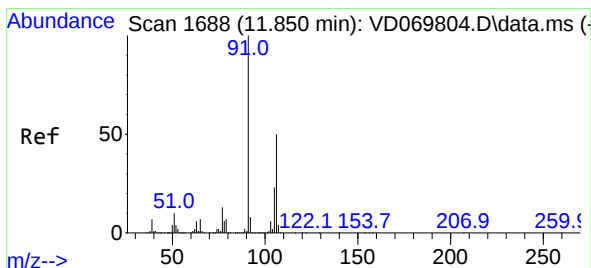
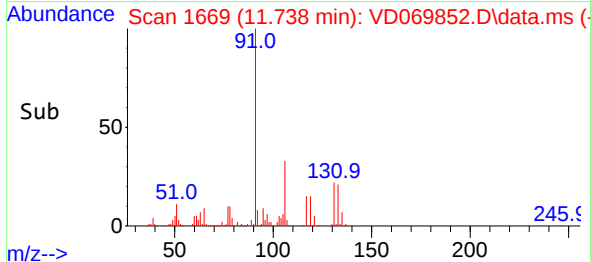
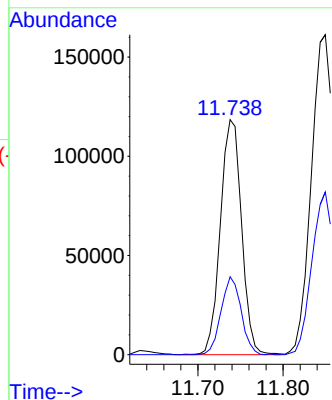
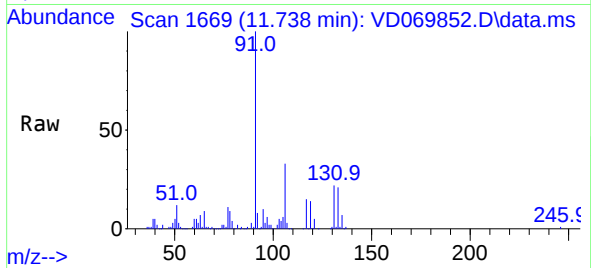
#67
Ethyl Benzene
Concen: 4.542 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 91 Resp: 204785
Ion Ratio Lower Upper
91 100
106 33.1 24.9 37.3

Instrument :
MSVOA_D
ClientSampleId :
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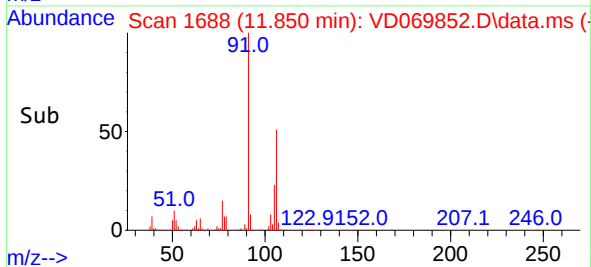
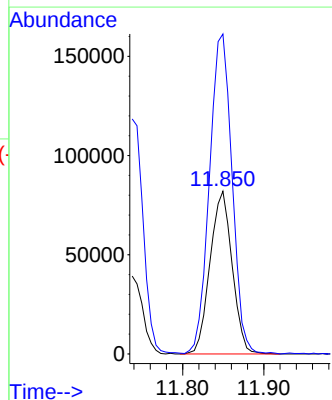
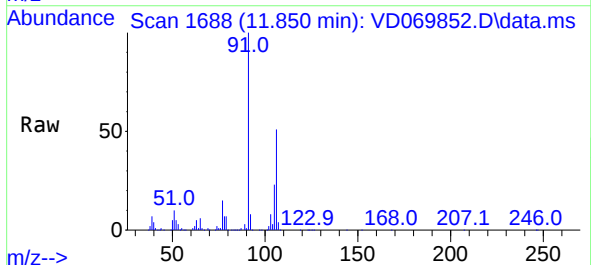
Manual Integrations
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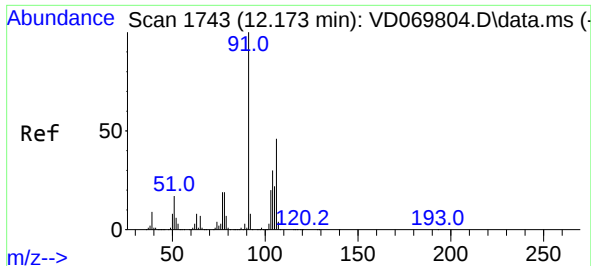
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#68
m/p-Xylenes
Concen: 8.874 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 106 Resp: 155121
Ion Ratio Lower Upper
106 100
91 200.7 162.4 243.6





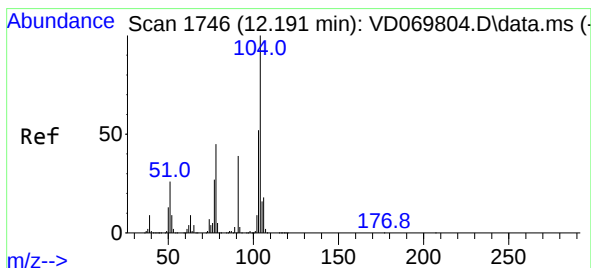
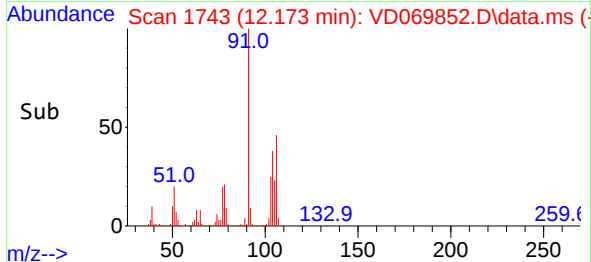
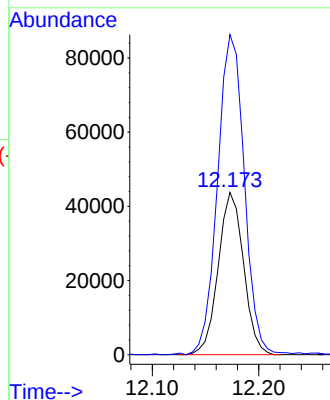
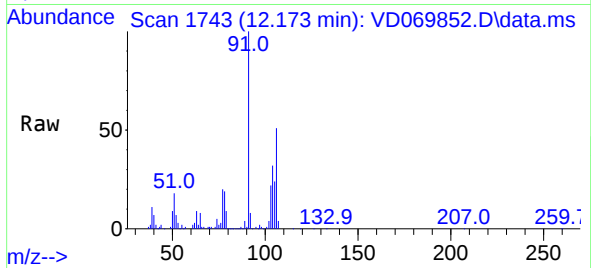
#69
o-Xylene
Concen: 4.546 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion:106 Resp: 72240
Ion Ratio Lower Upper
106 100
91 209.6 107.6 322.8

Instrument :
MSVOA_D
ClientSampleId :
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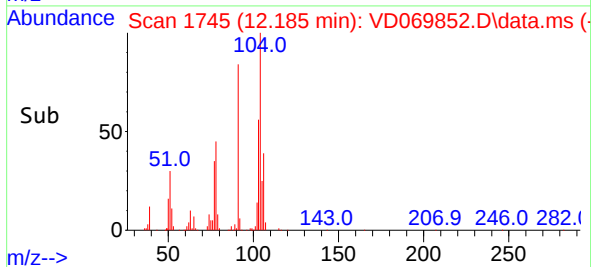
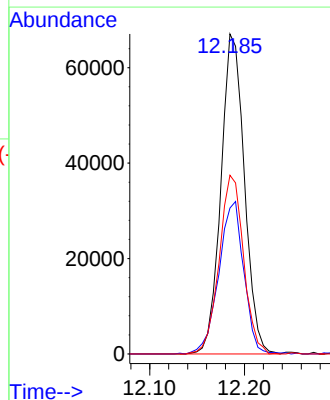
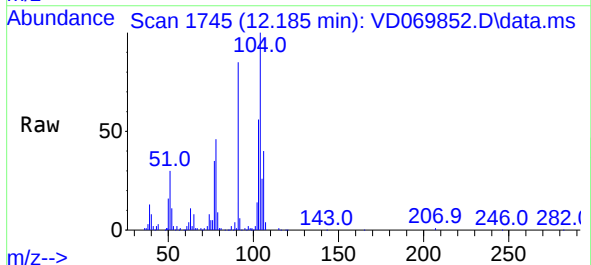
Manual Integrations
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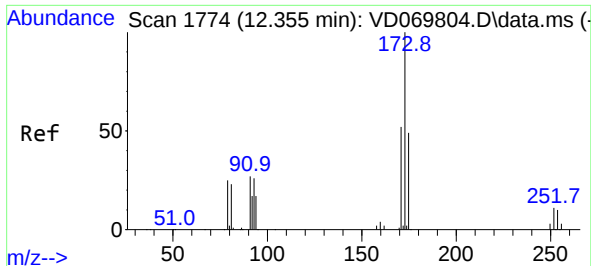
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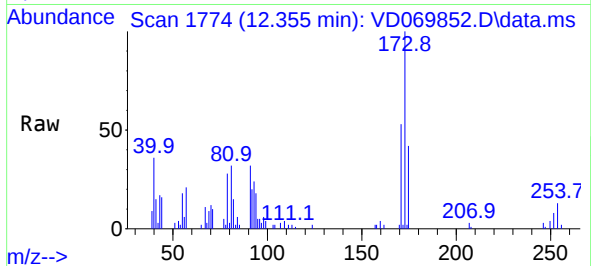
#70
Styrene
Concen: 4.193 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion:104 Resp: 115475
Ion Ratio Lower Upper
104 100
78 50.9 39.7 59.5
103 58.1 44.0 66.0

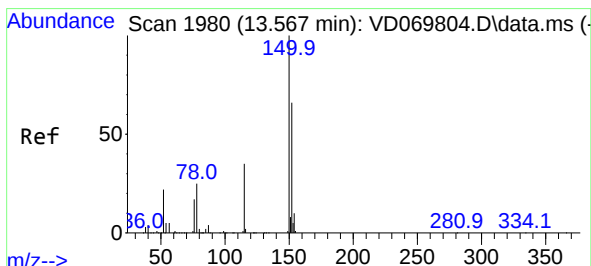
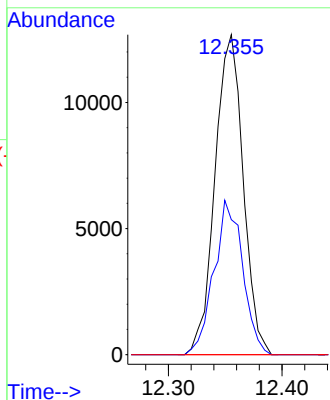
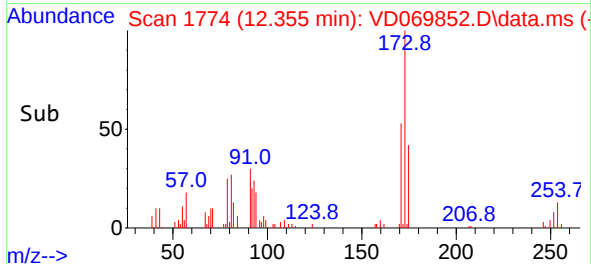




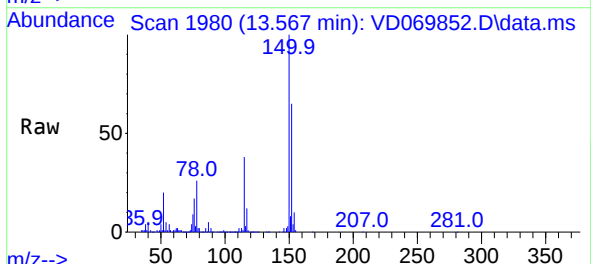
#71
Bromoform
Concen: 4.892 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19



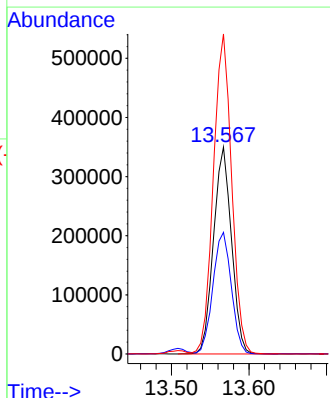
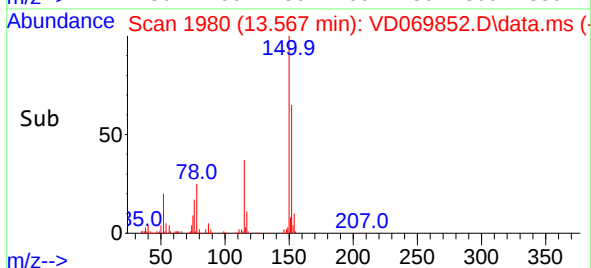
Tgt Ion:173 Resp: 21891
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.3
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19



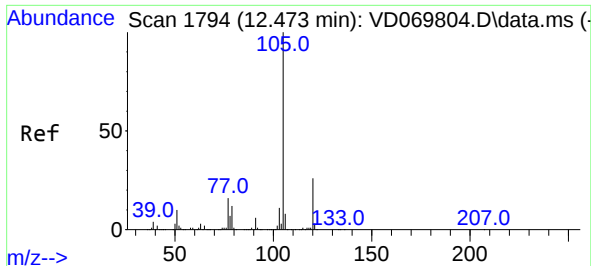
Tgt Ion:152 Resp: 562722
Ion Ratio Lower Upper
152 100
115 60.4 31.1 93.3
150 157.5 0.0 343.0



Instrument :
MSVOA_D
ClientSampleId :
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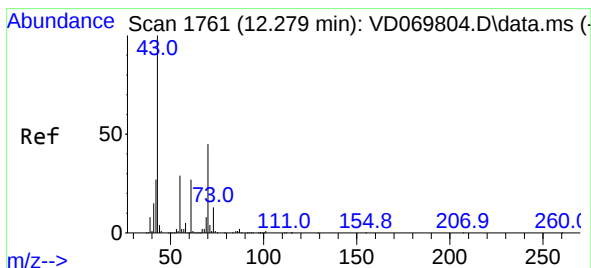
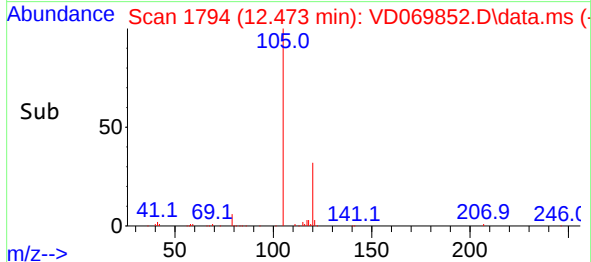
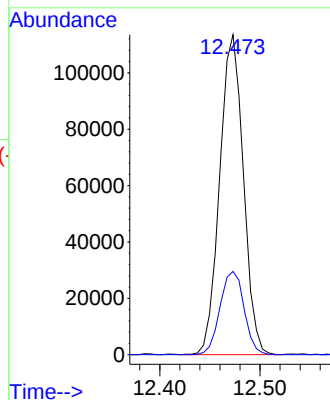
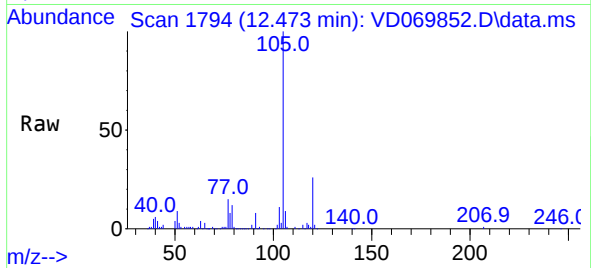
#73
Isopropylbenzene
Concen: 4.603 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 105 Resp: 186124
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

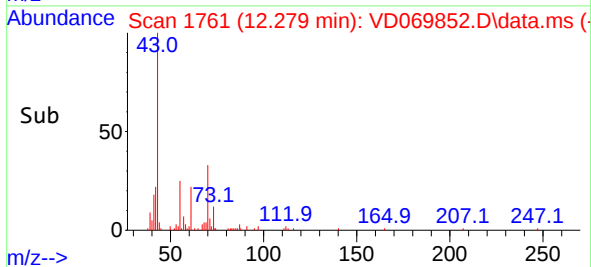
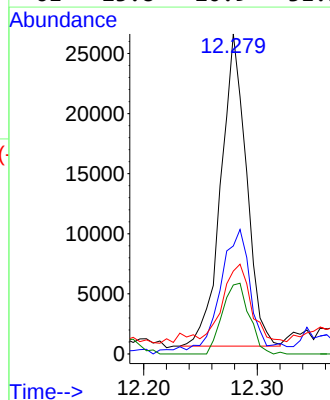
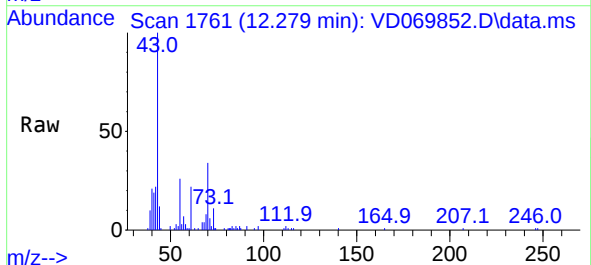
Manual Integrations
APPROVED

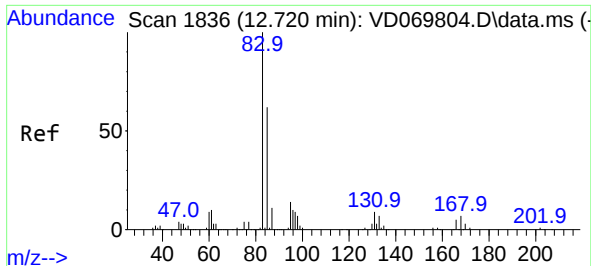
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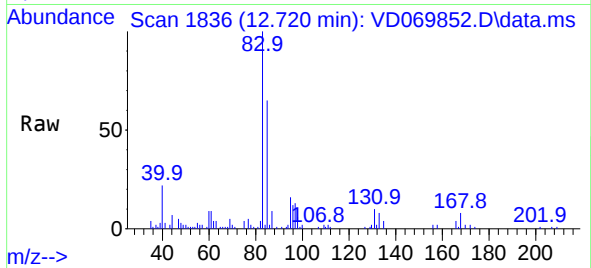
#74
N-ethyl acetate
Concen: 4.881 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 43 Resp: 40595
Ion Ratio Lower Upper
43 100
70 48.6 37.9 56.9
55 27.3 23.7 35.5
61 23.8 20.9 31.3

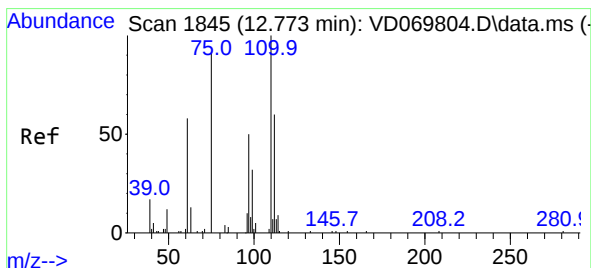
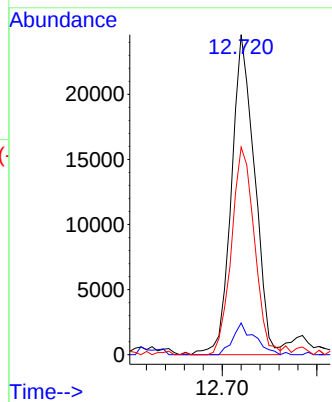
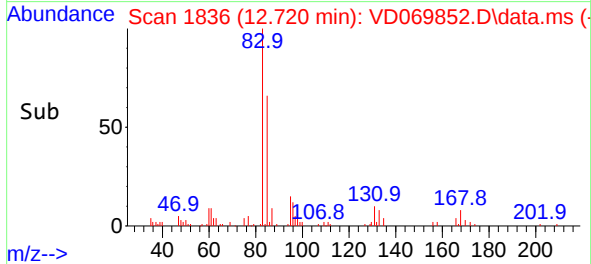




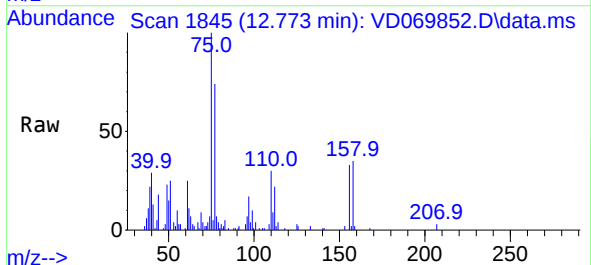
#75
1,1,2,2-Tetrachloroethane
Concen: 5.175 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19



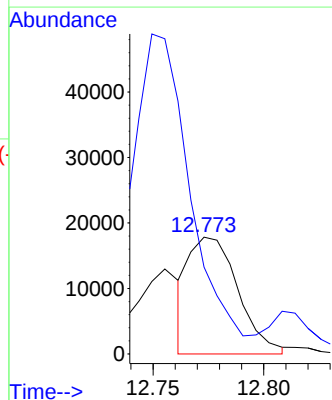
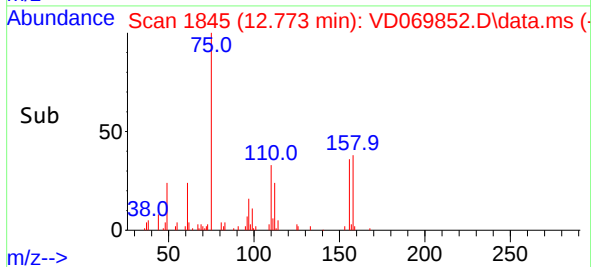
Tgt Ion: 83 Resp: 41783
Ion Ratio Lower Upper
83 100
131 9.4 4.9 14.6
85 64.7 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 4.624 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19



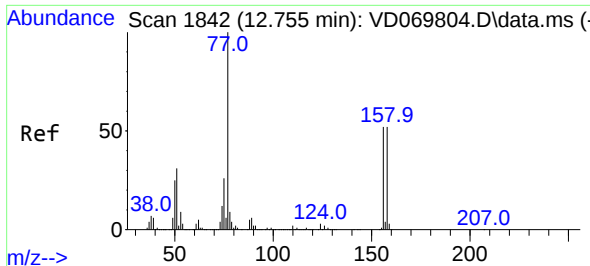
Tgt Ion: 75 Resp: 27659
Ion Ratio Lower Upper
75 100
77 0.0 181.5 544.5#



Instrument :
MSVOA_D
ClientSampleId :
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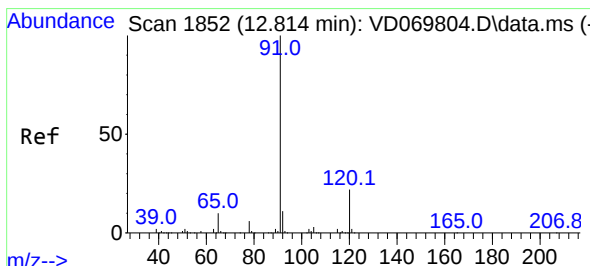
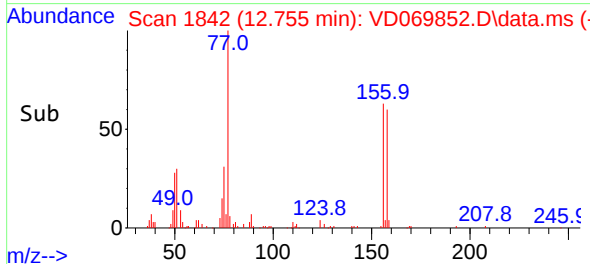
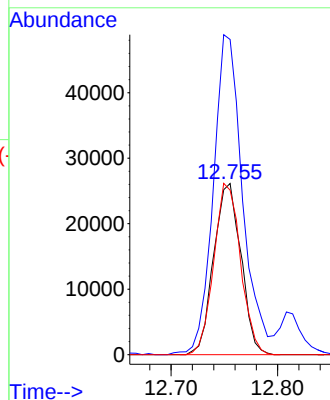
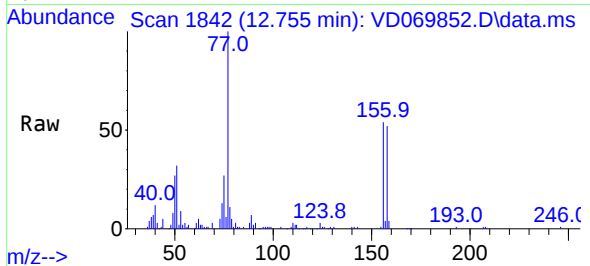
#77
Bromobenzene
Concen: 5.113 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 156 Resp: 46559
Ion Ratio Lower Upper
156 100
77 199.0 107.1 321.3
158 98.0 48.1 144.3

Instrument :
MSVOA_D
ClientSampleId :
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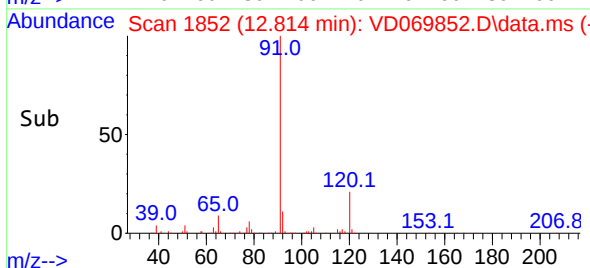
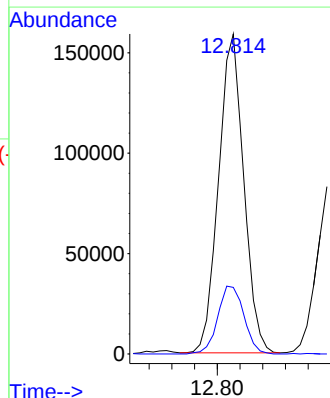
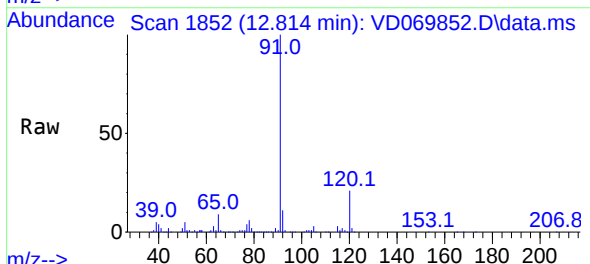
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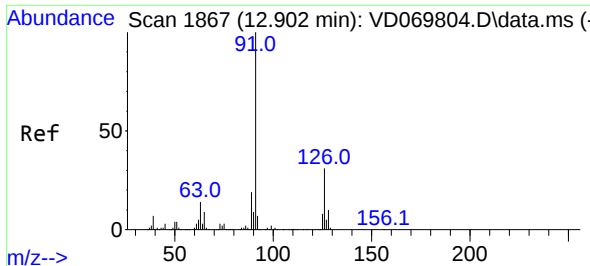
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#78
n-propylbenzene
Concen: 4.697 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 91 Resp: 243892
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.7





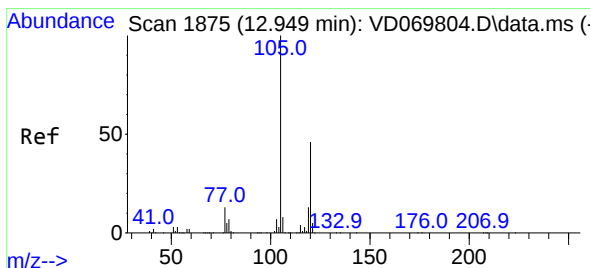
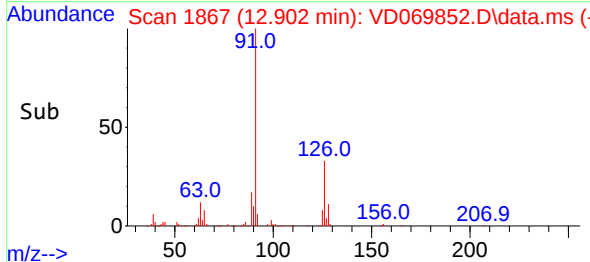
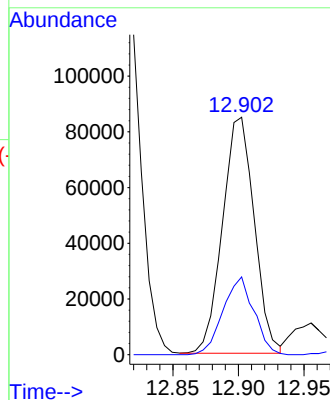
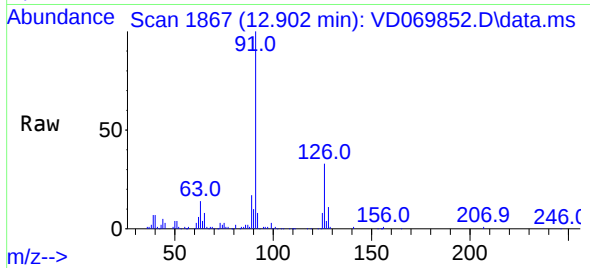
#79
2-Chlorotoluene
Concen: 4.727 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 91 Resp: 142581
Ion Ratio Lower Upper
91 100
126 32.0 15.9 47.7

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

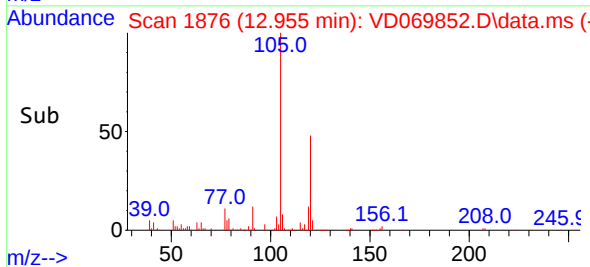
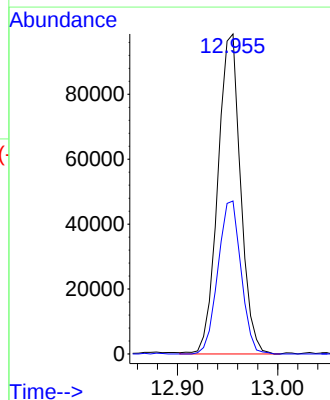
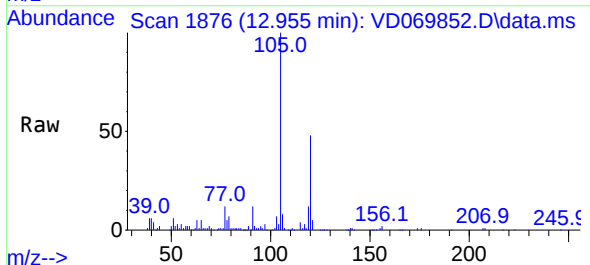
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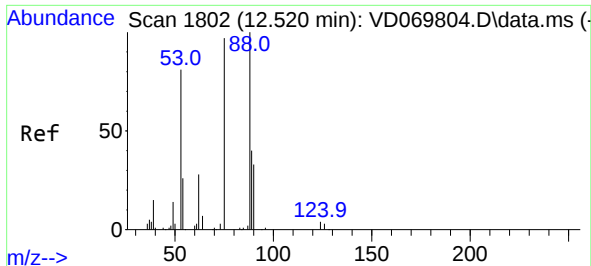
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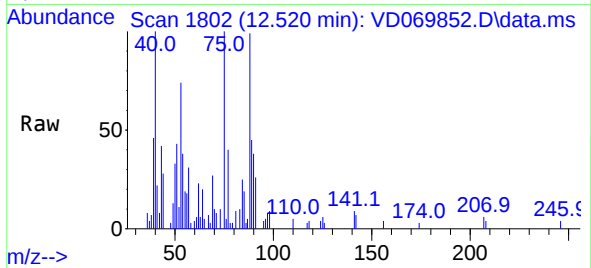
#80
1,3,5-Trimethylbenzene
Concen: 4.492 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 105 Resp: 155359
Ion Ratio Lower Upper
105 100
120 48.3 23.8 71.2



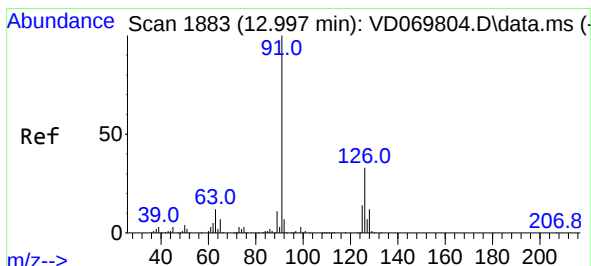
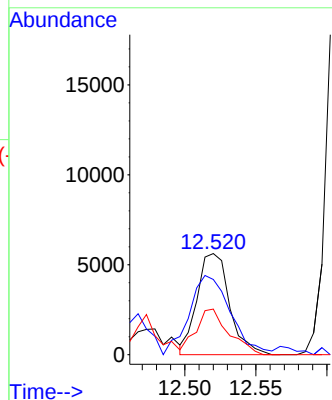
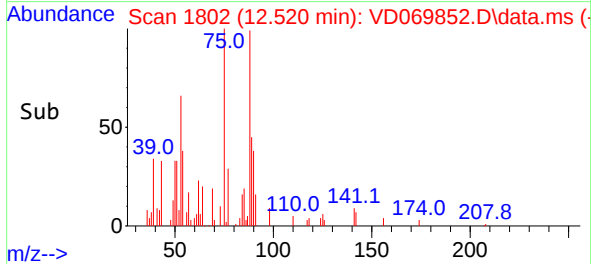


#81
trans-1,4-Dichloro-2-butene
Concen: 4.531 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

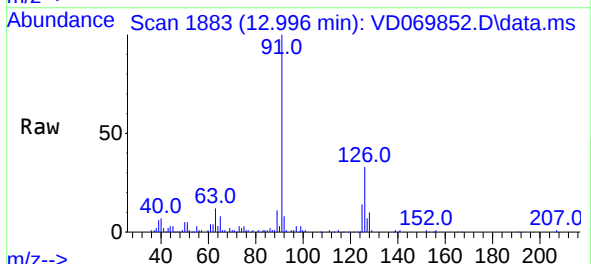


Tgt Ion: 75 Resp: 8933

Ion	Ratio	Lower	Upper
75	100		
53	99.3	67.2	100.8
89	45.7	35.8	53.6

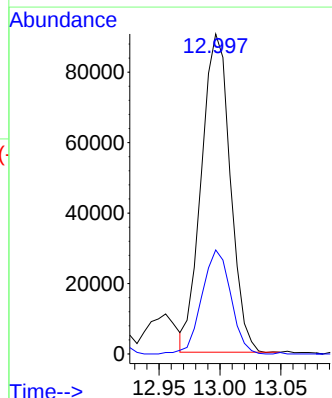
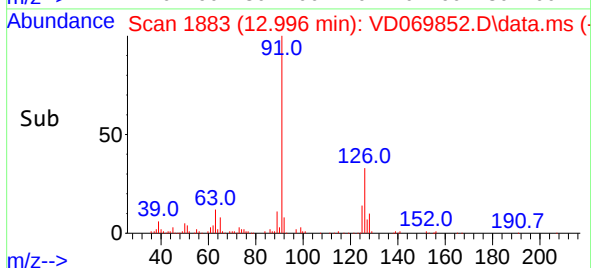


#82
4-Chlorotoluene
Concen: 4.736 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19



Tgt Ion: 91 Resp: 149360

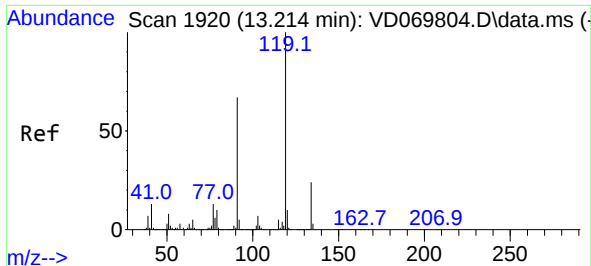
Ion	Ratio	Lower	Upper
91	100		
126	32.6	15.9	47.6



Instrument :
MSVOA_D
ClientSampleId :
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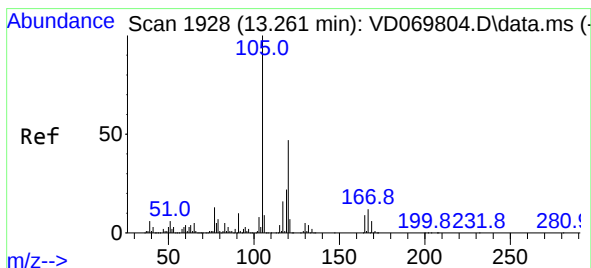
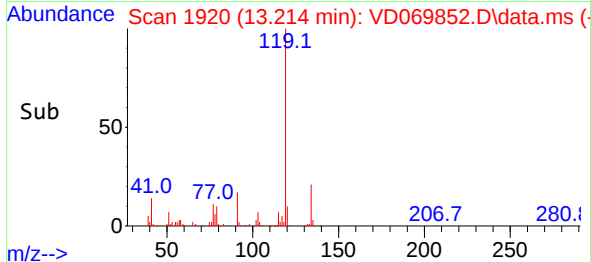
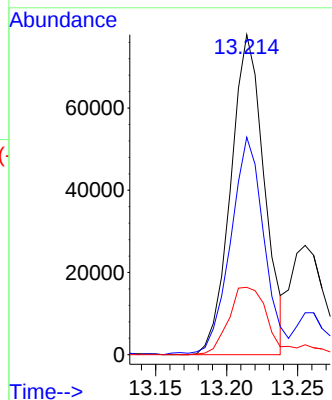
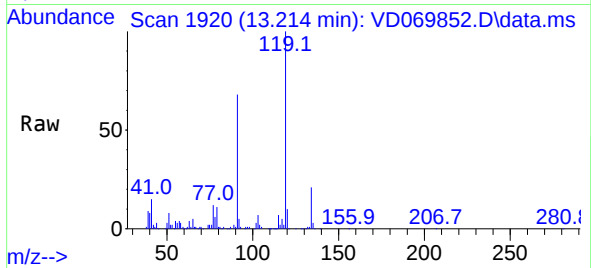
#83
tert-Butylbenzene
Concen: 4.540 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion:119 Resp: 127661
Ion Ratio Lower Upper
119 100
91 67.4 33.7 101.1
134 24.3 13.3 39.8

Instrument :
MSVOA_D
ClientSampleId :
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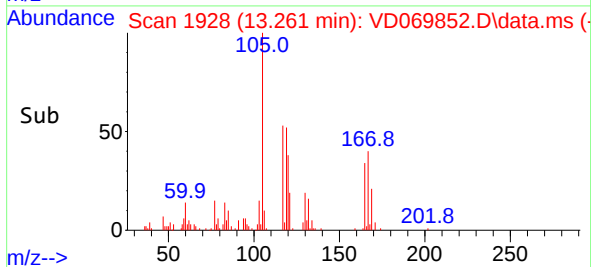
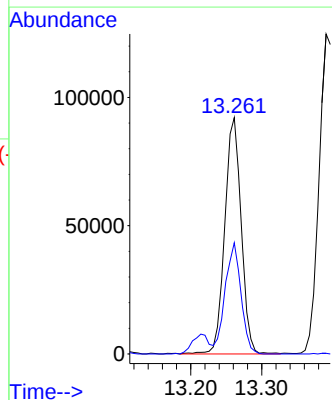
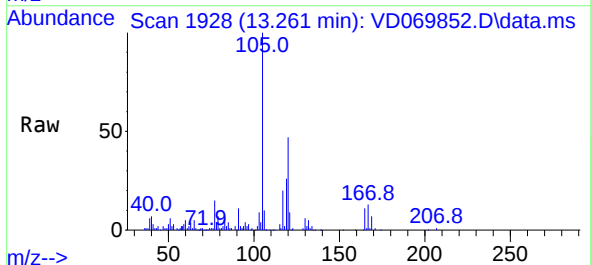
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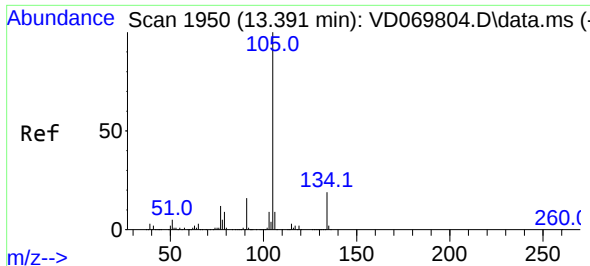
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#84
1,2,4-Trimethylbenzene
Concen: 4.336 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

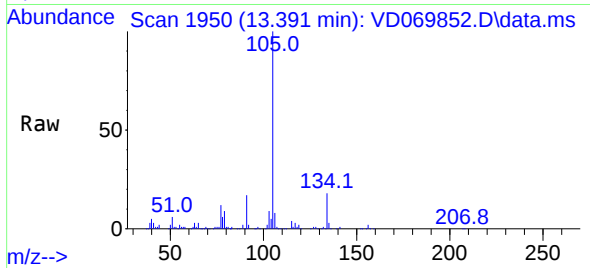
Tgt Ion:105 Resp: 147948
Ion Ratio Lower Upper
105 100
120 45.2 22.6 67.8





#85
sec-Butylbenzene
Concen: 4.554 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

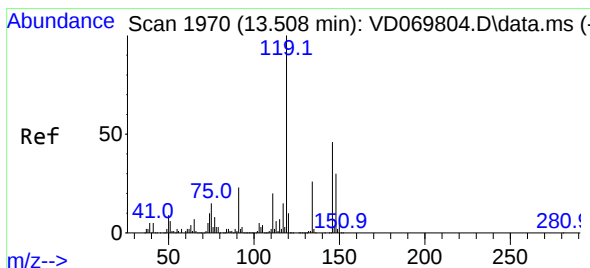
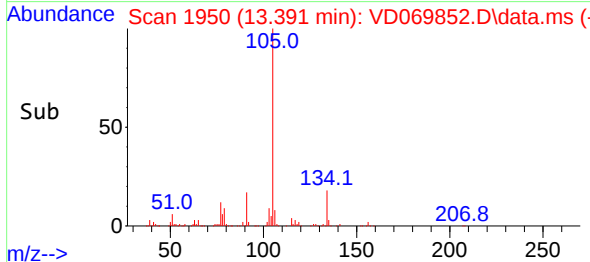
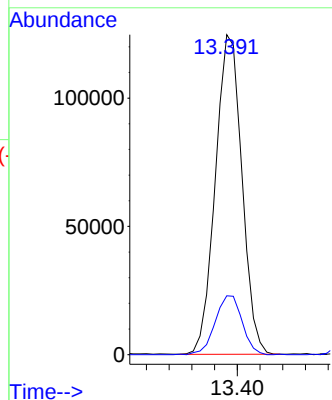
Instrument :
MSVOA_D
ClientSampleId :
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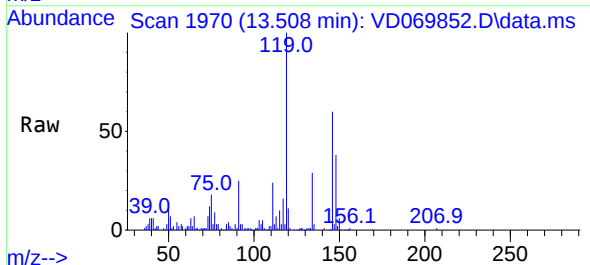
Tgt Ion:105 Resp: 202458
Ion Ratio Lower Upper
105 100
134 18.7 9.6 28.6

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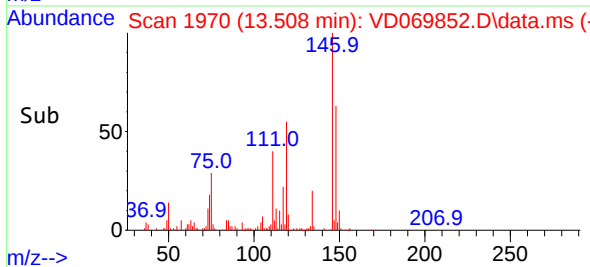
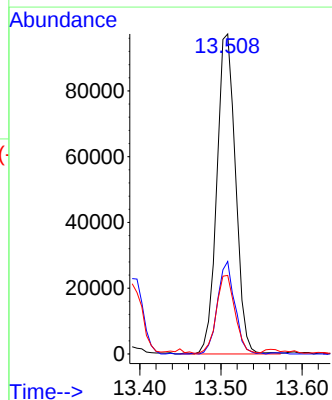
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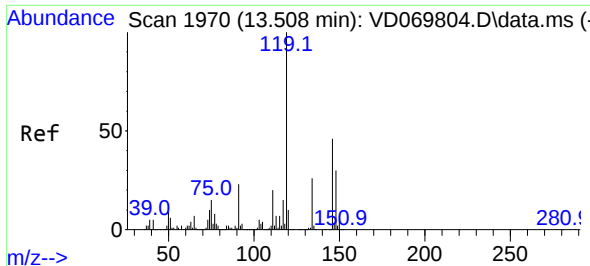


#86
p-Isopropyltoluene
Concen: 4.322 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19



Tgt Ion:119 Resp: 156097
Ion Ratio Lower Upper
119 100
134 26.8 12.6 37.8
91 24.1 11.7 35.1





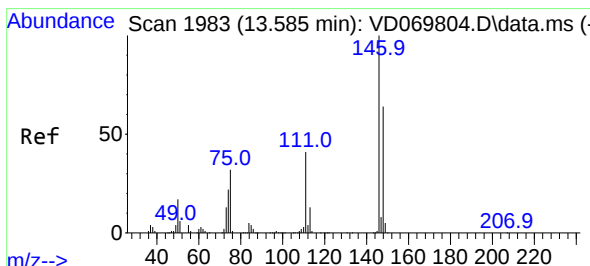
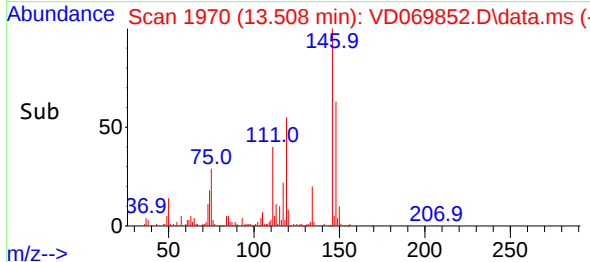
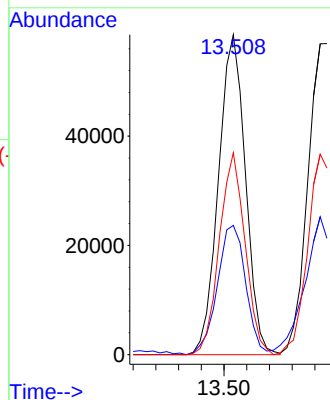
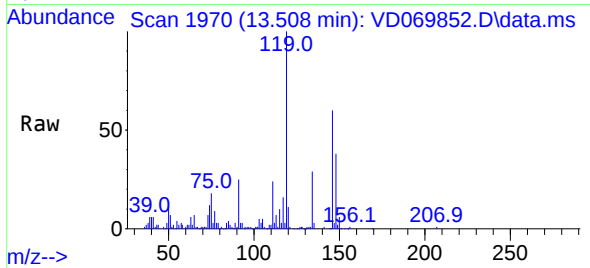
#87
1,3-Dichlorobenzene
Concen: 5.057 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion:146 Resp: 96687
Ion Ratio Lower Upper
146 100
111 42.4 21.7 65.1
148 60.2 32.1 96.3

Instrument :
MSVOA_D
ClientSampleId :
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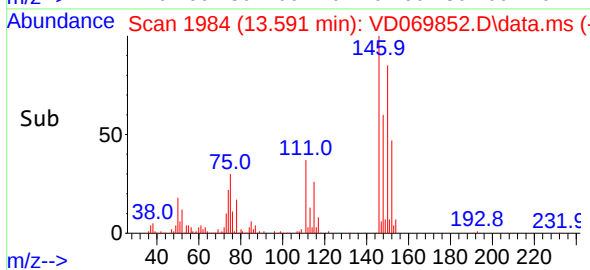
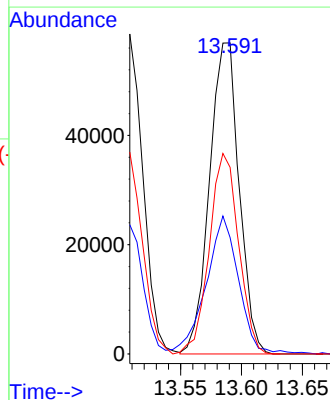
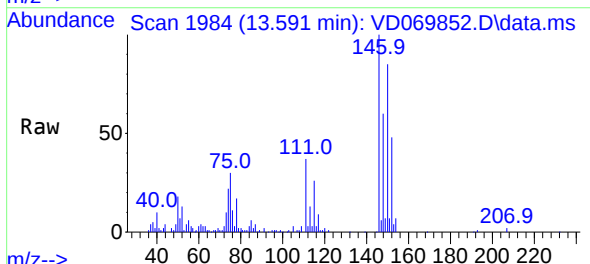
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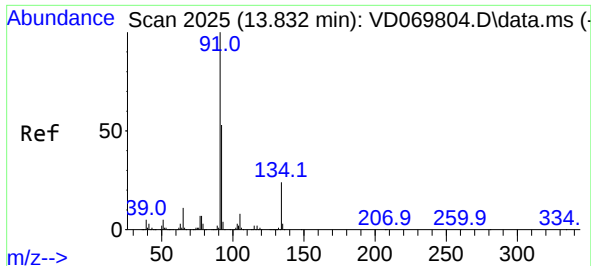
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#88
1,4-Dichlorobenzene
Concen: 5.068 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

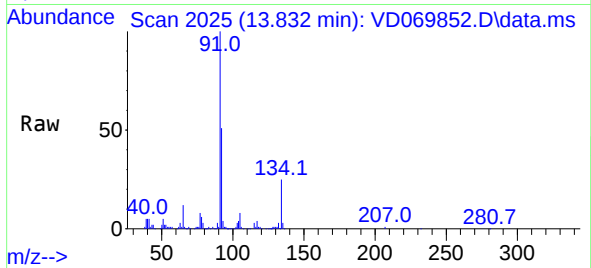
Tgt Ion:146 Resp: 96573
Ion Ratio Lower Upper
146 100
111 48.8 20.8 62.4
148 63.7 31.6 95.0





#89
n-Butylbenzene
Concen: 4.382 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

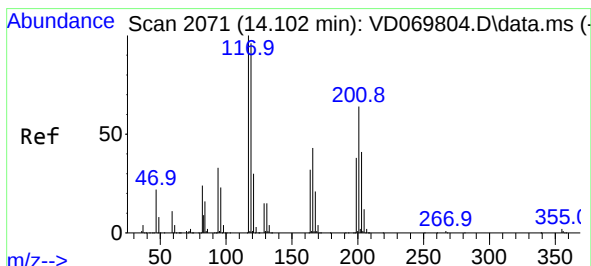
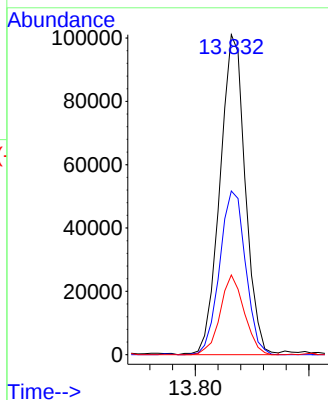
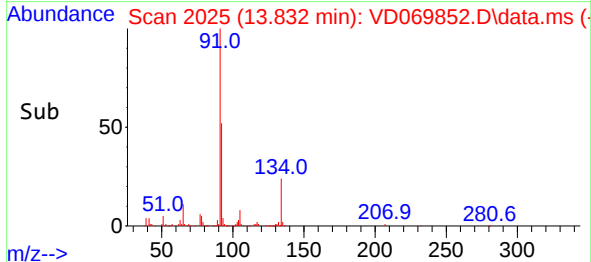
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021



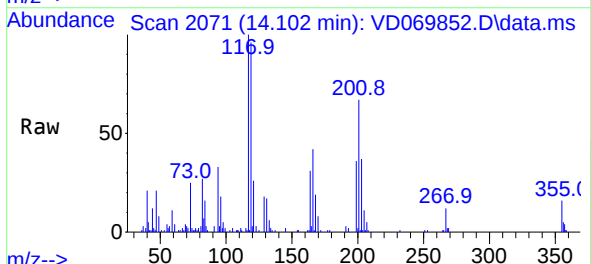
Tgt Ion: 91 Resp: 156171
Ion Ratio Lower Upper
91 100
92 52.4 26.6 79.7
134 23.7 11.9 35.7

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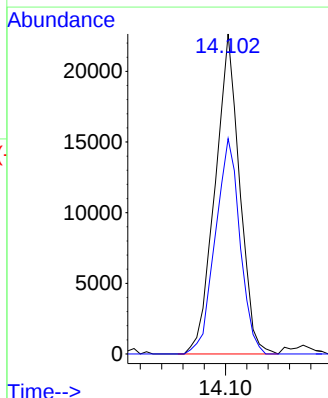
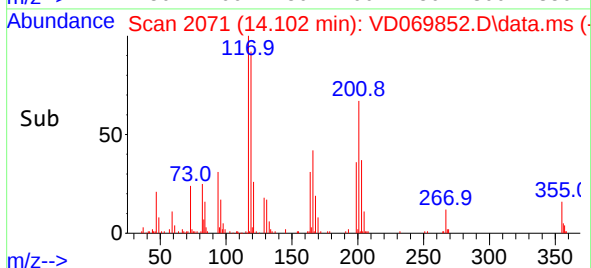
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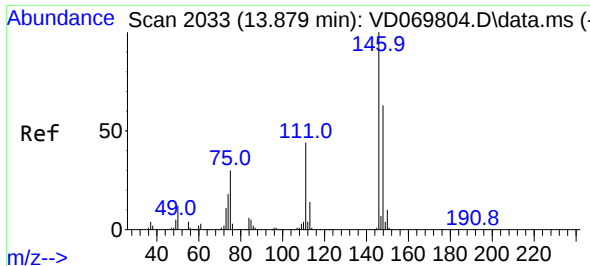


#90
Hexachloroethane
Concen: 4.733 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19



Tgt Ion: 117 Resp: 36209
Ion Ratio Lower Upper
117 100
201 67.7 31.9 95.5





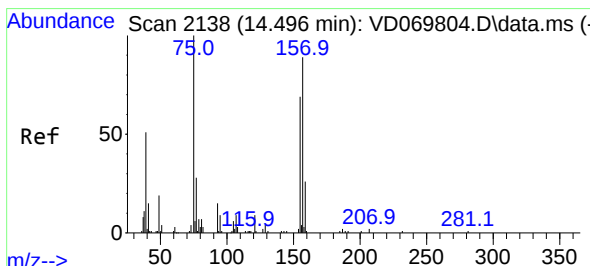
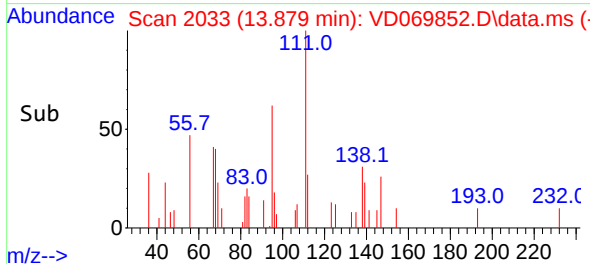
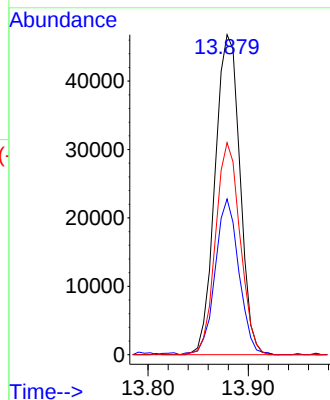
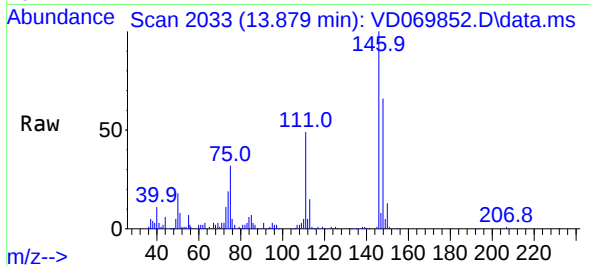
#91
1,2-Dichlorobenzene
Concen: 4.880 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 146 Resp: 80526
Ion Ratio Lower Upper
146 100
111 46.4 21.7 65.1
148 65.5 31.2 93.6

Instrument :
MSVOA_D
ClientSampleId :
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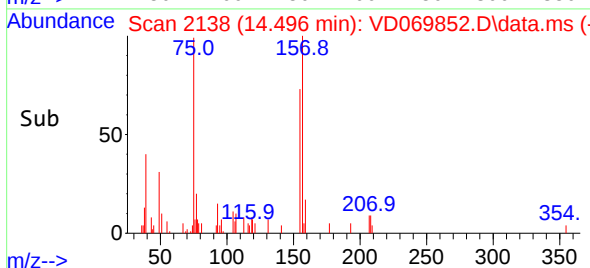
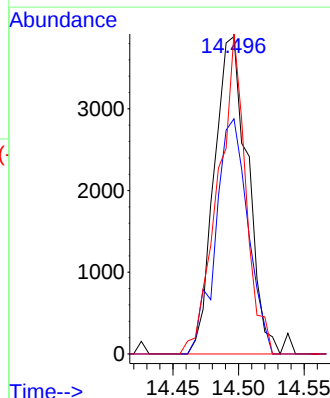
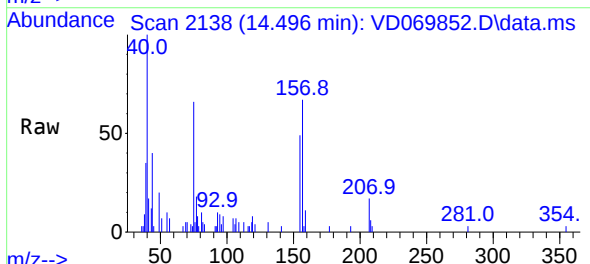
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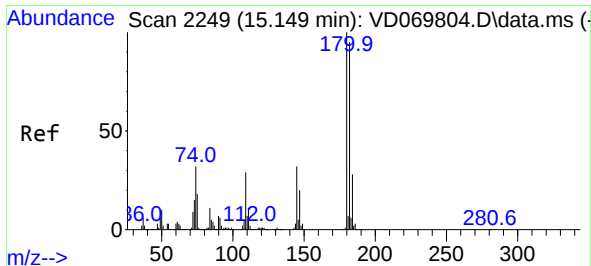
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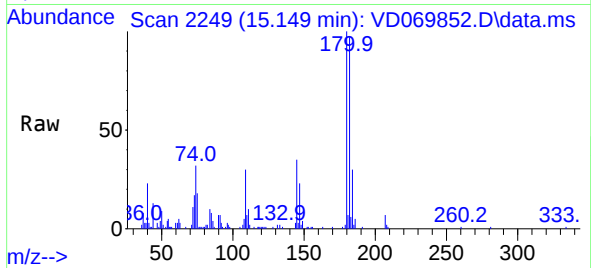
#92
1,2-Dibromo-3-Chloropropane
Concen: 5.892 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion: 75 Resp: 6851
Ion Ratio Lower Upper
75 100
155 72.2 36.3 108.9
157 84.2 47.0 141.0

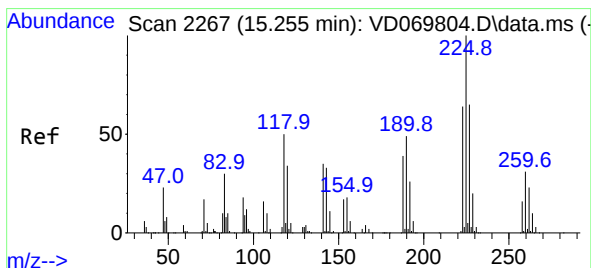
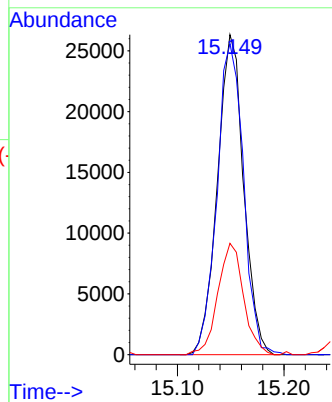
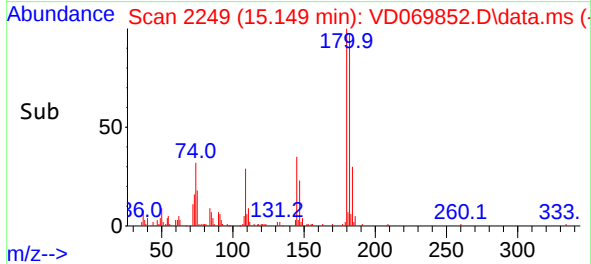




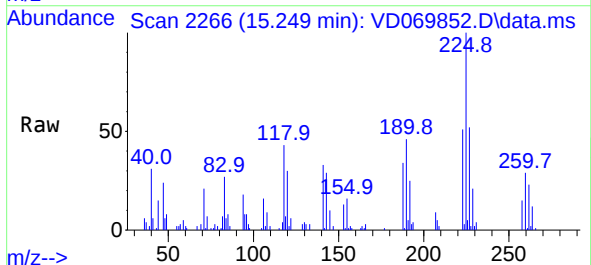
#93
1,2,4-Trichlorobenzene
Concen: 5.052 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. -0.000 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19



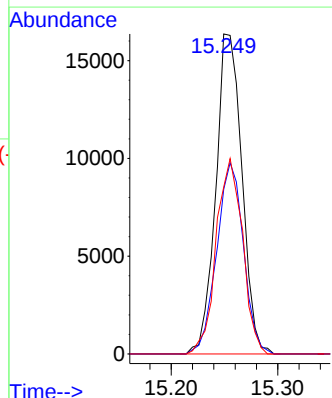
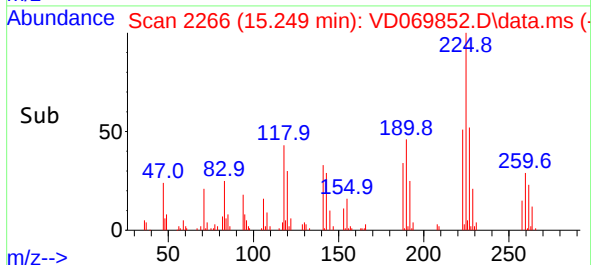
Tgt Ion:180 Resp: 44981
Ion Ratio Lower Upper
180 100
182 98.0 47.6 142.9
145 34.1 16.4 49.2



#94
Hexachlorobutadiene
Concen: 5.113 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19



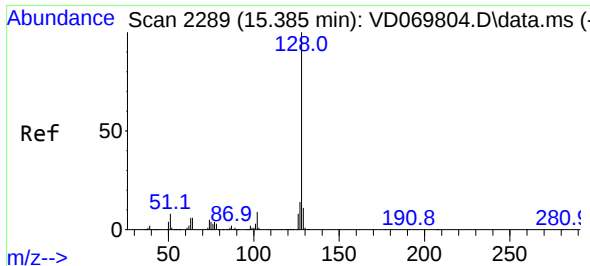
Tgt Ion:225 Resp: 27846
Ion Ratio Lower Upper
225 100
223 61.3 31.5 94.5
227 61.6 31.9 95.7



Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Manual Integrations
APPROVED

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7/27/2021 12:14:29 PM



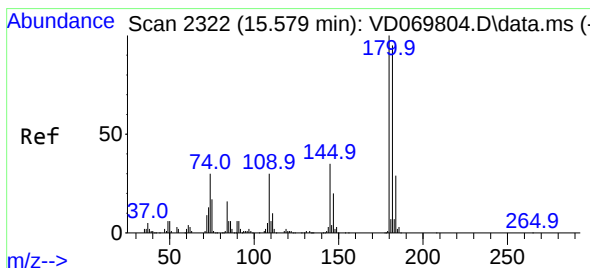
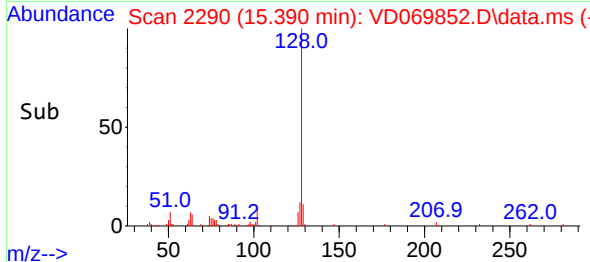
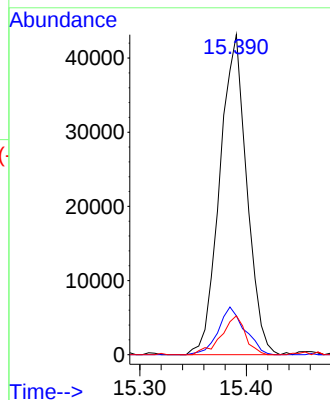
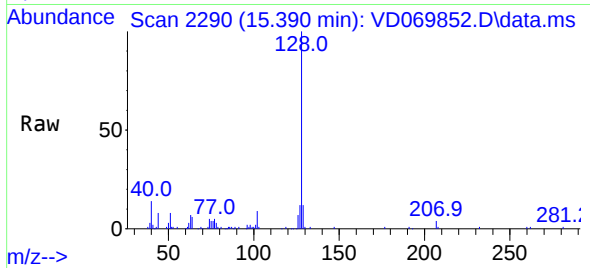
#95
Naphthalene
Concen: 4.776 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.005 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion:	128	Resp:	75899
Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.6	16.0
129	10.8	8.6	12.8

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Manual Integrations
APPROVED

MMDadoda
7/27/2021 12:14:29 PM



#96
1,2,3-Trichlorobenzene
Concen: 5.145 ug/l
RT: 15.585 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VD069852.D
Acq: 26 Jul 2021 17:19

Tgt Ion:	180	Resp:	39617
Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.3	142.0
145	34.4	17.3	51.9

