

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
 Data File : VD069888.D
 Acq On : 28 Jul 2021 14:56
 Operator : VA/SY
 Sample : M2940-03 4PPBMDL
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

Manual Integrations
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Quant Time: Jul 29 05:04:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 05:03:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	638259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1202275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1136847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	523157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	401493	54.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.400%	
35) Dibromofluoromethane	7.914	113	396672	52.337	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.680%	
50) Toluene-d8	10.338	98	1498828	51.286	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.580%	
62) 4-Bromofluorobenzene	12.626	95	509204	52.135	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.280%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	24908	3.708	ug/l	94
3) Chloromethane	2.209	50	38233	3.923	ug/l	97
4) Vinyl Chloride	2.344	62	39234	3.828	ug/l	93
5) Bromomethane	2.768	94	34186	5.092	ug/l	95
6) Chloroethane	2.921	64	26505	3.990	ug/l #	88
7) Trichlorofluoromethane	3.273	101	50539	3.994	ug/l	89
8) Diethyl Ether	3.709	74	14137	3.972	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	34758	4.325	ug/l	92
10) Methyl Iodide	4.297	142	22723	3.236	ug/l	99
11) Tert butyl alcohol	5.220	59	11702	30.808	ug/l #	86
12) 1,1-Dichloroethene	4.062	96	30220	4.138	ug/l	95
13) Acrolein	3.920	56	9260	17.416	ug/l	97
14) Allyl chloride	4.715	41	41115	3.840	ug/l	99
15) Acrylonitrile	5.426	53	30350	18.127	ug/l	94
16) Acetone	4.162	43	27319	20.602	ug/l	88
17) Carbon Disulfide	4.403	76	100894	3.864	ug/l	96
18) Methyl Acetate	4.720	43	18586	4.831	ug/l	97
19) Methyl tert-butyl Ether	5.467	73	59449	3.929	ug/l	92
20) Methylene Chloride	4.956	84	107528	8.903	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	34694	4.032	ug/l	88
22) Diisopropyl ether	6.367	45	79825	3.431	ug/l	98
23) Vinyl Acetate	6.303	43	162261	14.559	ug/l	96
24) 1,1-Dichloroethane	6.256	63	64840	4.035	ug/l	97
25) 2-Butanone	7.214	43	34091	18.958	ug/l	94
26) 2,2-Dichloropropane	7.203	77	50204	4.109	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	37717	4.108	ug/l	95
28) Bromochloromethane	7.550	49	23955	3.926	ug/l	92
29) Tetrahydrofuran	7.561	42	21562	18.533	ug/l	96
30) Chloroform	7.703	83	70344	4.354	ug/l	98
31) Cyclohexane	7.979	56	63034	4.395	ug/l #	78
32) 1,1,1-Trichloroethane	7.908	97	55565	4.155	ug/l	98
36) 1,1-Dichloropropene	8.114	75	46888	3.614	ug/l	98
37) Ethyl Acetate	7.291	43	16381	3.468	ug/l #	95
38) Carbon Tetrachloride	8.097	117	44114	3.722	ug/l	99
39) Methylcyclohexane	9.350	83	55286	3.721	ug/l	93
40) Benzene	8.350	78	144279	3.838	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	9026	3.641	ug/l #	85
42) 1,2-Dichloroethane	8.420	62	41396	4.164	ug/l	95
43) Isopropyl Acetate	8.450	43	32586	3.847	ug/l	97
44) Trichloroethene	9.108	130	38201	4.127	ug/l	90
45) 1,2-Dichloropropane	9.385	63	37375	3.785	ug/l	92
46) Dibromomethane	9.473	93	19434	4.004	ug/l	97
47) Bromodichloromethane	9.661	83	49289	3.909	ug/l	97
48) Methyl methacrylate	9.450	41	13015	3.194	ug/l	87
49) 1,4-Dioxane	9.467	88	4131	80.566	ug/l #	95
51) 4-Methyl-2-Pentanone	10.226	43	78378	17.780	ug/l	97
52) Toluene	10.397	92	91469	4.011	ug/l	97
53) t-1,3-Dichloropropene	10.620	75	41197	3.892	ug/l	98
54) cis-1,3-Dichloropropene	10.091	75	49437	3.858	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	28919	4.219	ug/l	97
56) Ethyl methacrylate	10.655	69	27904	3.718	ug/l	94
57) 1,3-Dichloropropane	10.938	76	46770	4.032	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	63543	19.764	ug/l	100
59) 2-Hexanone	10.979	43	51651	17.714	ug/l	88
60) Dibromochloromethane	11.138	129	32079	4.132	ug/l	98
61) 1,2-Dibromoethane	11.238	107	25488	4.130	ug/l	99
64) Tetrachloroethene	10.873	164	29461	4.065	ug/l	98
65) Chlorobenzene	11.667	112	94391	4.008	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	34587	4.082	ug/l	99
67) Ethyl Benzene	11.738	91	151815	3.661	ug/l	99
68) m/p-Xylenes	11.849	106	112749	7.014	ug/l	96
69) o-Xylene	12.179	106	49496	3.387	ug/l	99
70) Styrene	12.191	104	82778	3.269	ug/l	98
71) Bromoform	12.349	173	16037	3.897	ug/l #	94
73) Isopropylbenzene	12.473	105	126911	3.376	ug/l	99
74) N-amyl acetate	12.285	43	27466	3.552	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	31087	4.141	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	20954m	3.768	ug/l	
77) Bromobenzene	12.755	156	34359	4.058	ug/l	99
78) n-propylbenzene	12.814	91	171962	3.562	ug/l	98
79) 2-Chlorotoluene	12.902	91	102732	3.663	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	109060	3.392	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	7311m	3.989	ug/l	
82) 4-Chlorotoluene	12.996	91	110676	3.775	ug/l	100
83) tert-Butylbenzene	13.214	119	92972	3.556	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	105581	3.328	ug/l	99
85) sec-Butylbenzene	13.391	105	142469	3.447	ug/l	99
86) p-Isopropyltoluene	13.508	119	107754	3.209	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	68072	3.830	ug/l	96
88) 1,4-Dichlorobenzene	13.591	146	72933	4.117	ug/l	94
89) n-Butylbenzene	13.832	91	112406	3.392	ug/l	98
90) Hexachloroethane	14.102	117	27644	3.887	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	60843	3.966	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	4503	4.166	ug/l	91
93) 1,2,4-Trichlorobenzene	15.149	180	31973	3.863	ug/l	98
94) Hexachlorobutadiene	15.249	225	20635	4.075	ug/l	95
95) Naphthalene	15.390	128	54208	3.669	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	27644	3.862	ug/l	96

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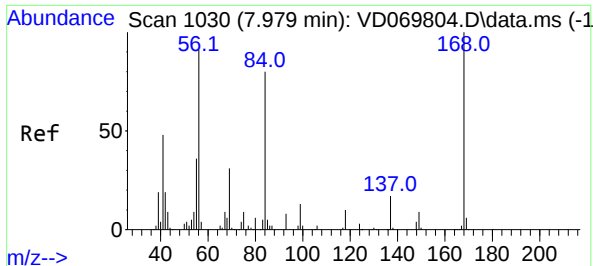
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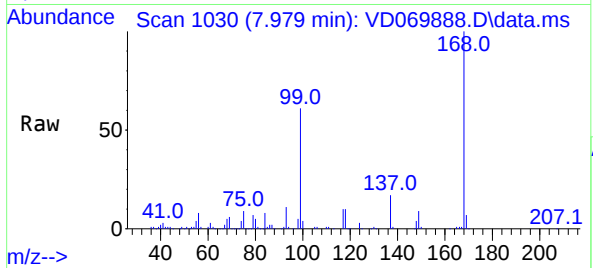
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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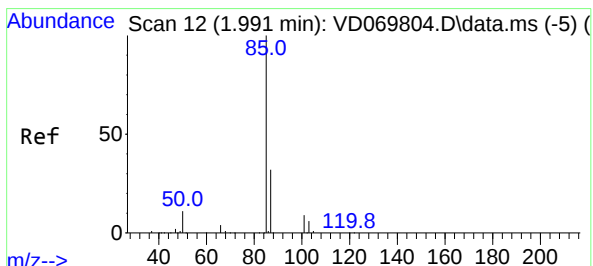
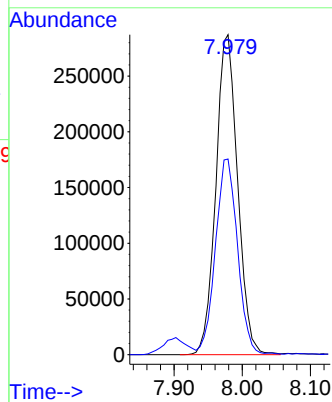
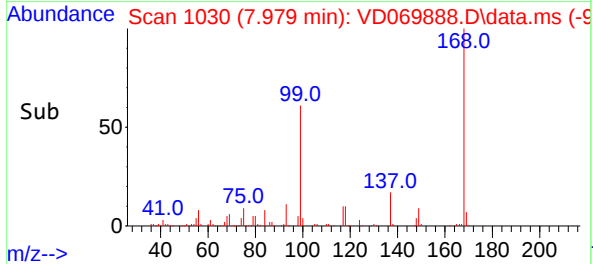
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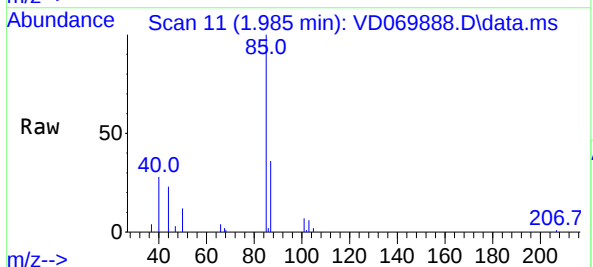
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
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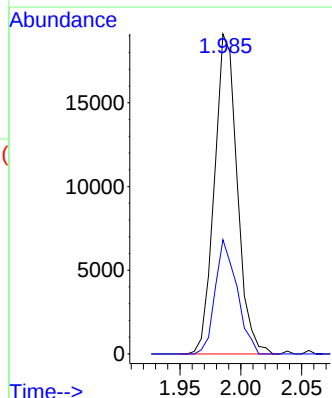
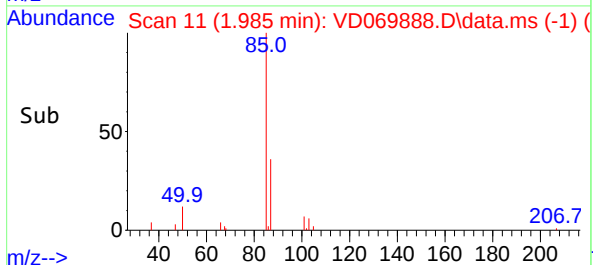
Tgt Ion:168 Resp: 638259
Ion Ratio Lower Upper
168 100
99 60.9 51.1 76.7



#2
Dichlorodifluoromethane
Concen: 3.708 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



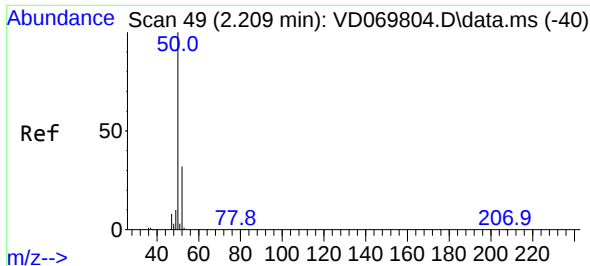
Tgt Ion: 85 Resp: 24908
Ion Ratio Lower Upper
85 100
87 35.7 16.1 48.3



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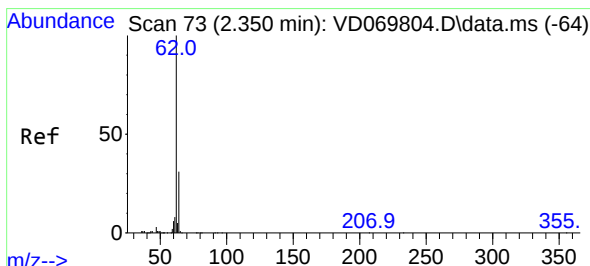
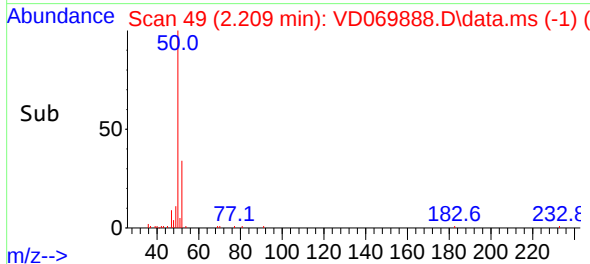
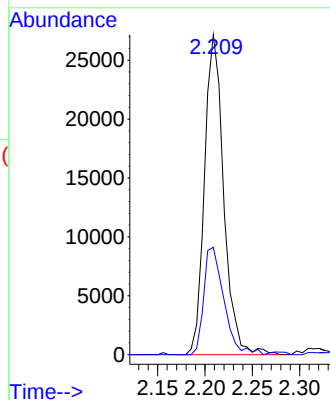
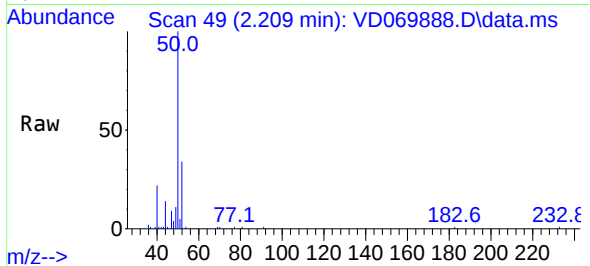
#3
Chloromethane
Concen: 3.923 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD069888.D
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Tgt Ion: 50 Resp: 38233
Ion Ratio Lower Upper
50 100
52 33.6 25.7 38.5

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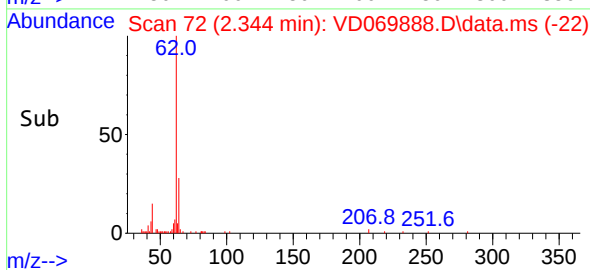
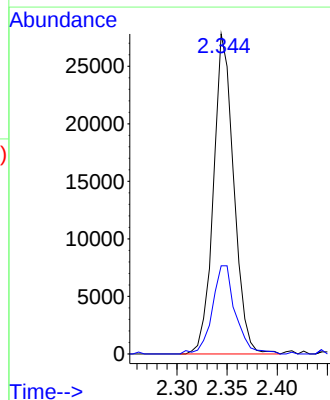
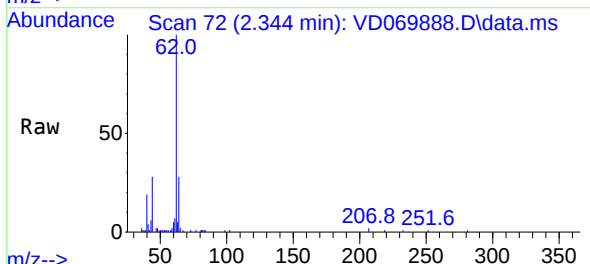
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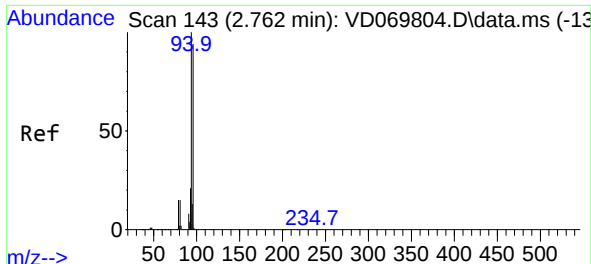
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#4
Vinyl Chloride
Concen: 3.828 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

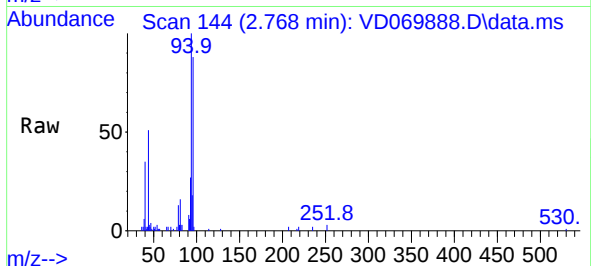
Tgt Ion: 62 Resp: 39234
Ion Ratio Lower Upper
62 100
64 27.6 25.0 37.4





#5
Bromomethane
Concen: 5.092 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

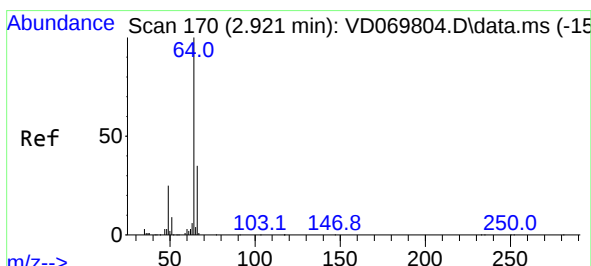
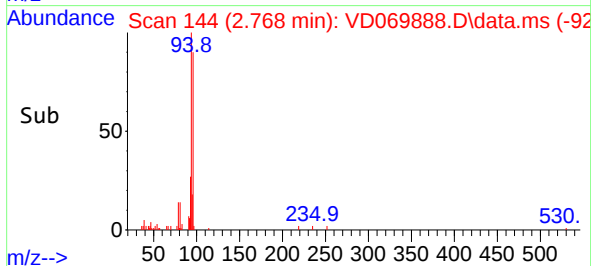
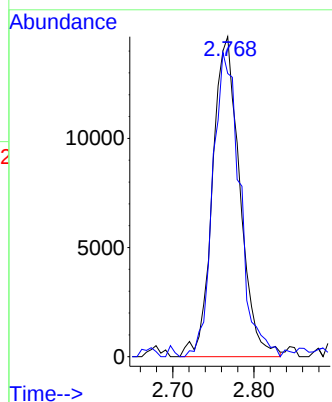
Instrument :
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Tgt Ion: 94 Resp: 34186
Ion Ratio Lower Upper
94 100
96 88.5 74.8 112.2

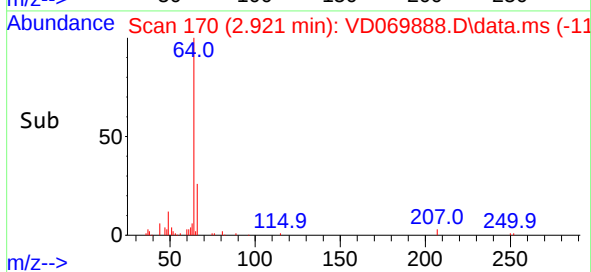
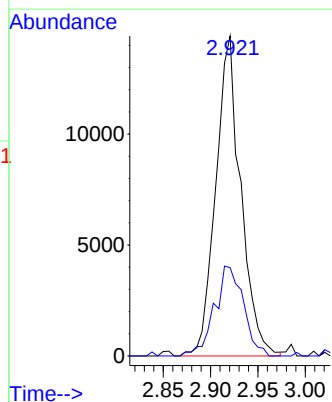
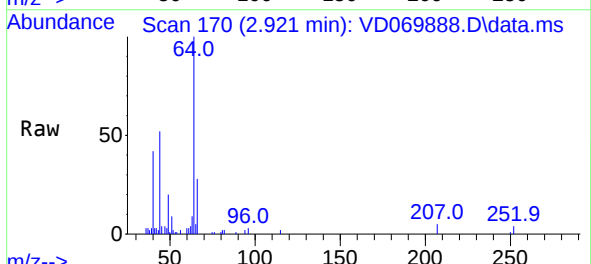
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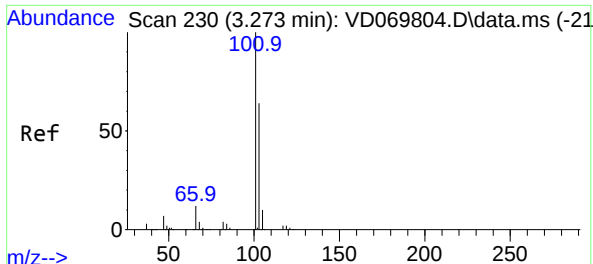
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#6
Chloroethane
Concen: 3.990 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 26505
Ion Ratio Lower Upper
64 100
66 27.6 27.8 41.6#





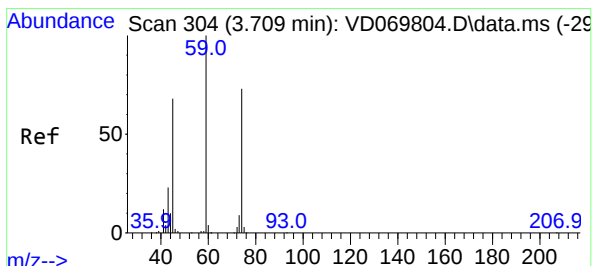
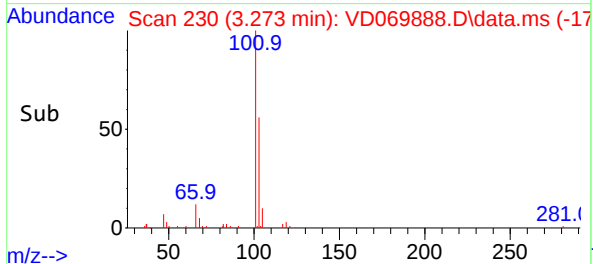
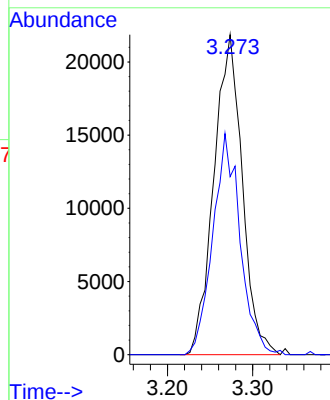
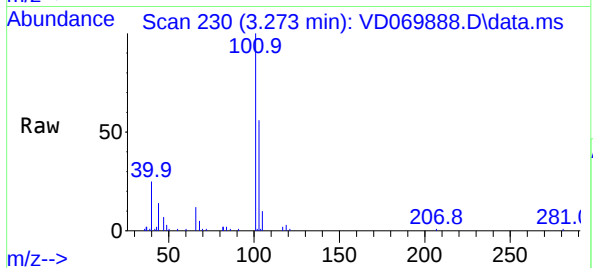
#7
Trichlorofluoromethane
Concen: 3.994 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.000 min
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Acq: 28 Jul 2021 14:56

Tgt Ion:101 Resp: 50539
Ion Ratio Lower Upper
101 100
103 55.7 51.3 76.9

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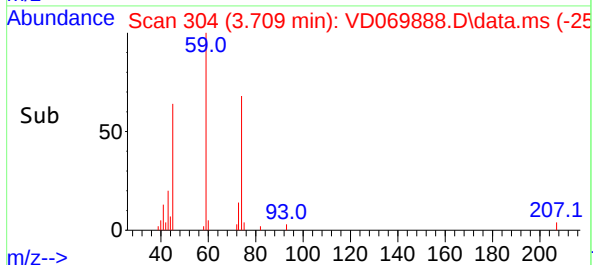
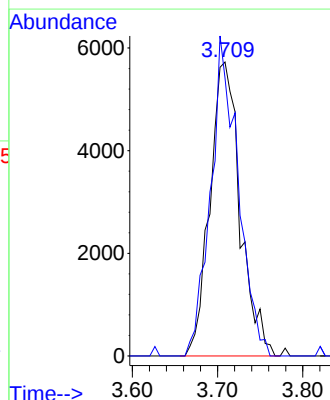
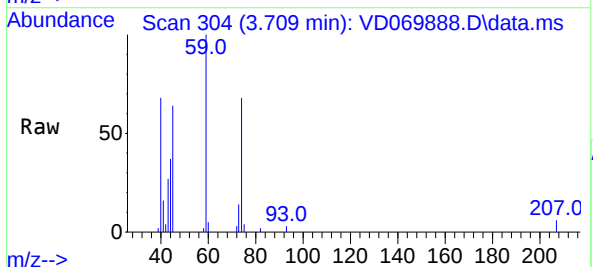
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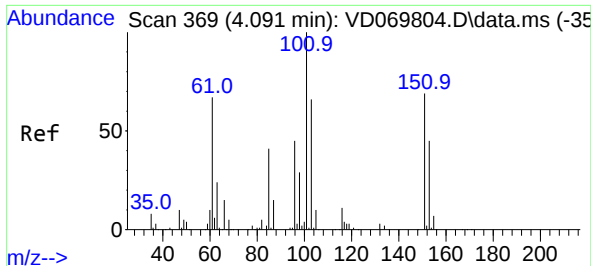
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#8
Diethyl Ether
Concen: 3.972 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD069888.D
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Tgt Ion: 74 Resp: 14137
Ion Ratio Lower Upper
74 100
45 99.3 46.8 140.4





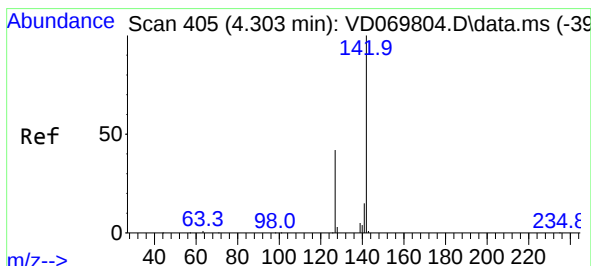
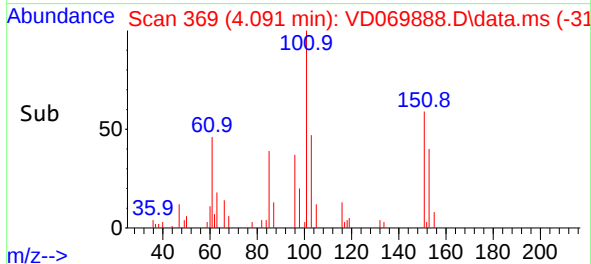
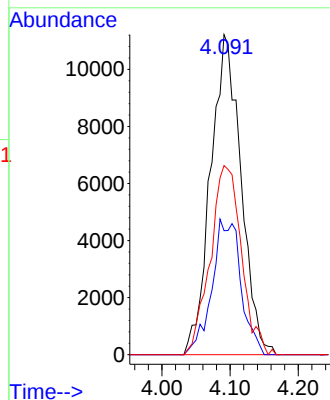
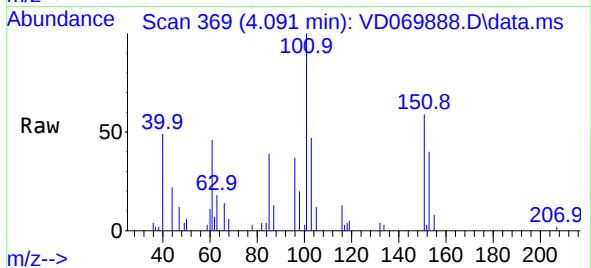
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.325 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion:	101	Resp:	34758
Ion	Ratio	Lower	Upper
101	100		
85	40.2	34.7	52.1
151	60.7	55.4	83.0

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

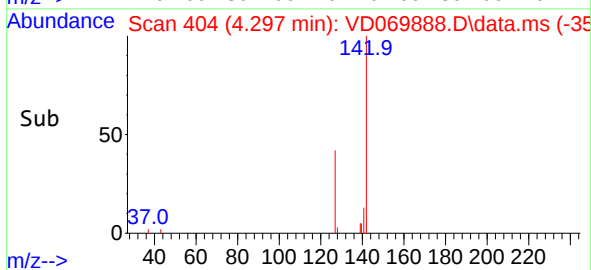
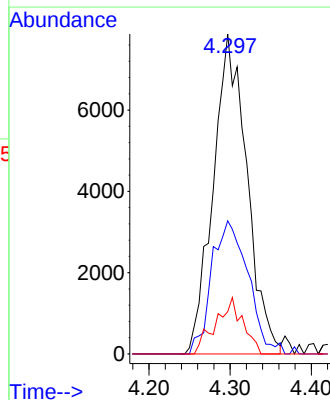
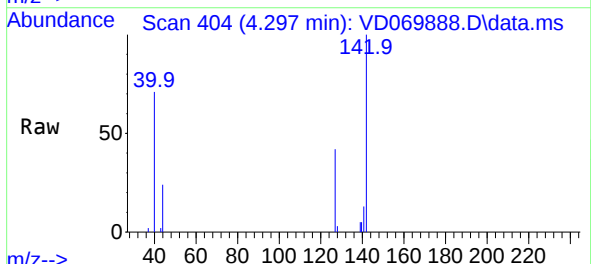
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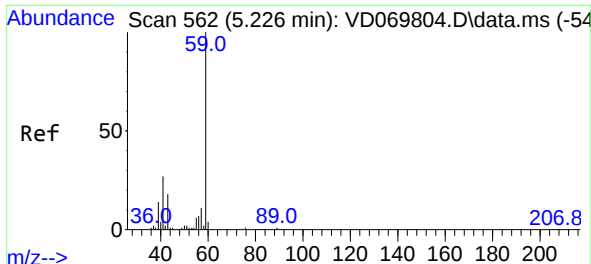
MMDadoda
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#10
Methyl Iodide
Concen: 3.236 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion:	142	Resp:	22723
Ion	Ratio	Lower	Upper
142	100		
127	44.9	35.7	53.5
141	14.2	12.0	18.0

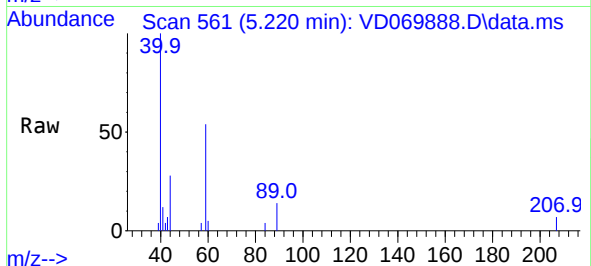




#11

Tert butyl alcohol
Concen: 30.808 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

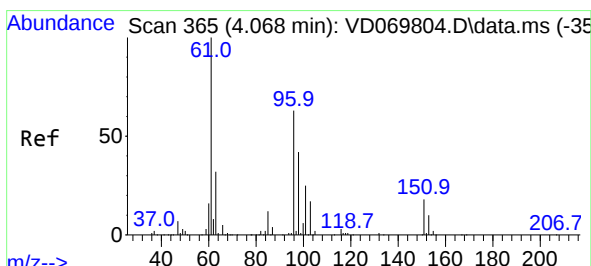
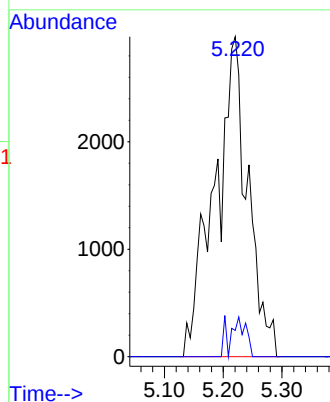
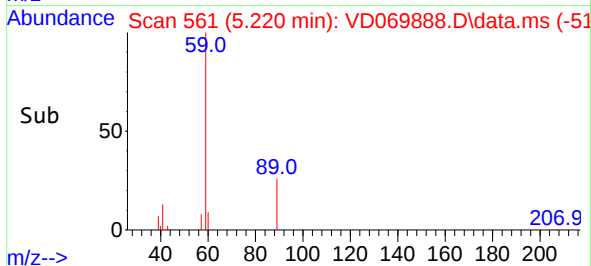
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021



Tgt Ion: 59 Resp: 11702
Ion Ratio Lower Upper
59 100
57 4.8 8.1 12.1#

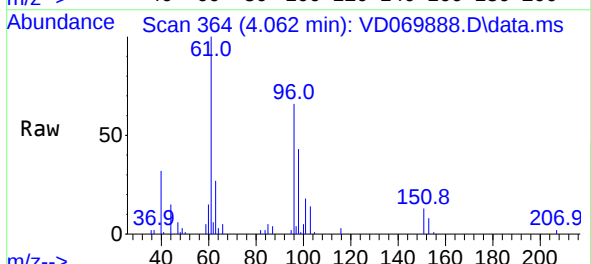
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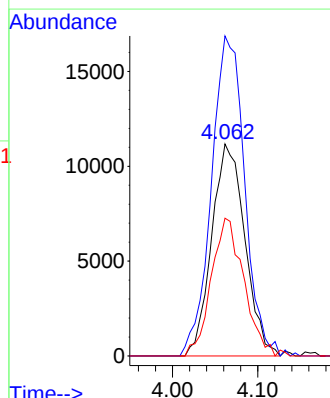
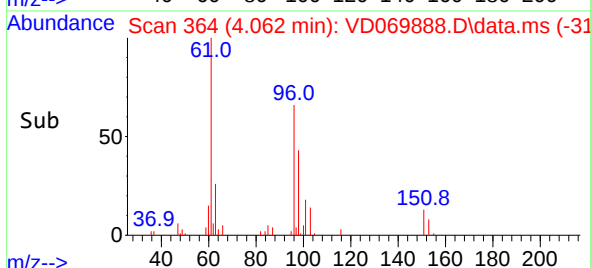


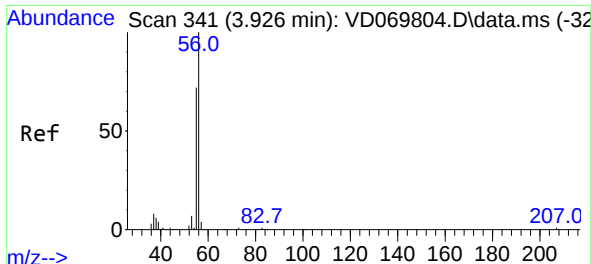
#12

1,1-Dichloroethene
Concen: 4.138 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



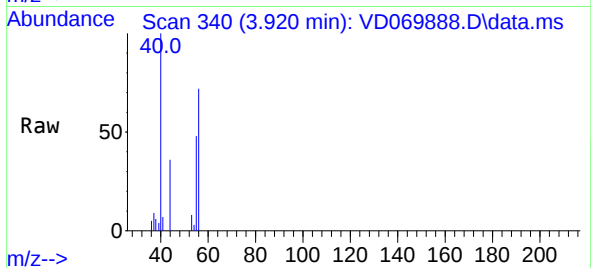
Tgt Ion: 96 Resp: 30220
Ion Ratio Lower Upper
96 100
61 151.0 126.9 190.3
98 65.0 53.2 79.8





#13
Acrolein
Concen: 17.416 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

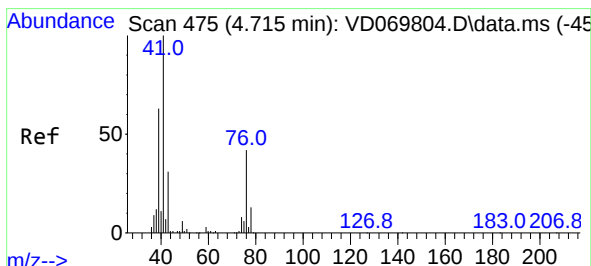
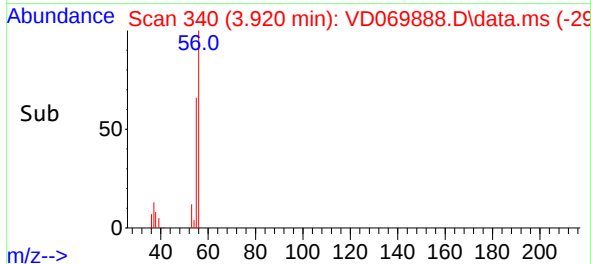
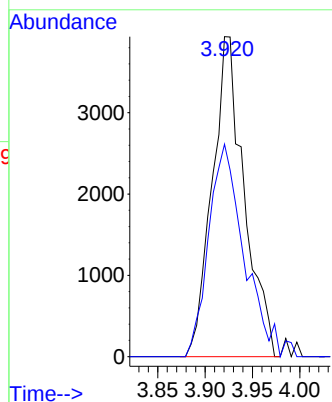
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021



Tgt Ion: 56 Resp: 9260
Ion Ratio Lower Upper
56 100
55 74.0 57.2 85.8

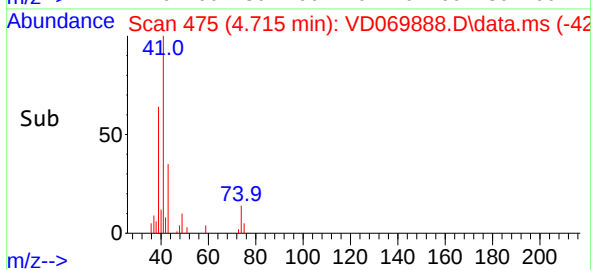
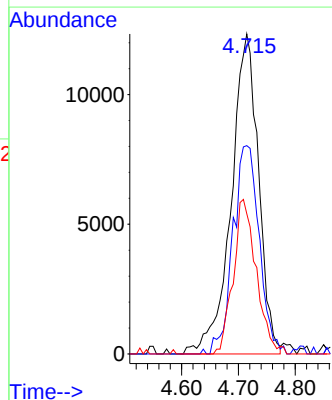
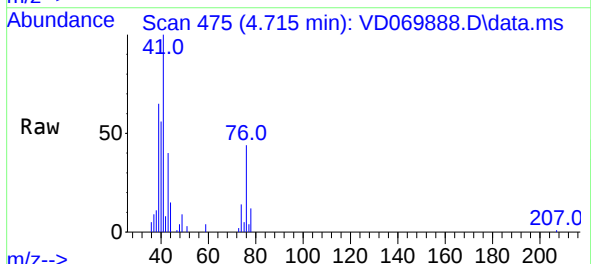
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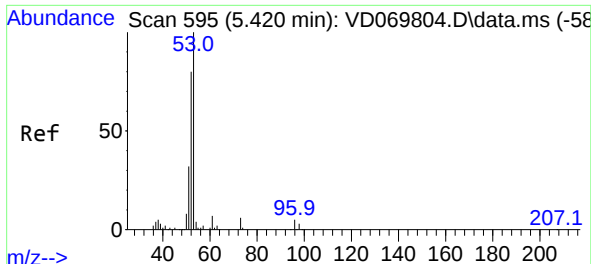
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#14
Allyl chloride
Concen: 3.840 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

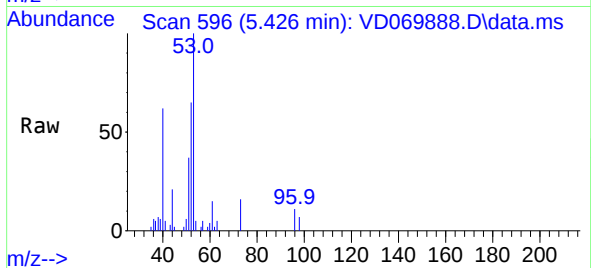
Tgt Ion: 41 Resp: 41115
Ion Ratio Lower Upper
41 100
39 62.9 49.8 74.6
76 40.9 31.8 47.8





#15
Acrylonitrile
Concen: 18.127 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

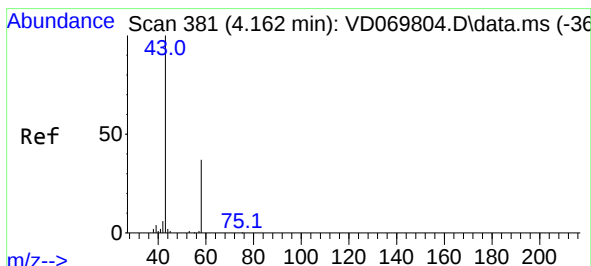
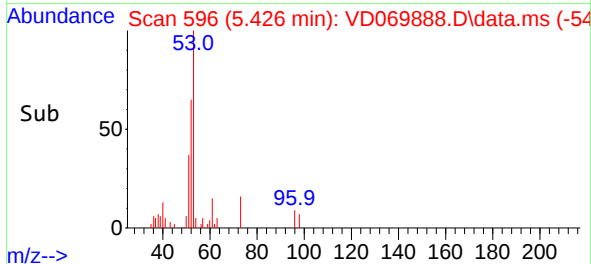
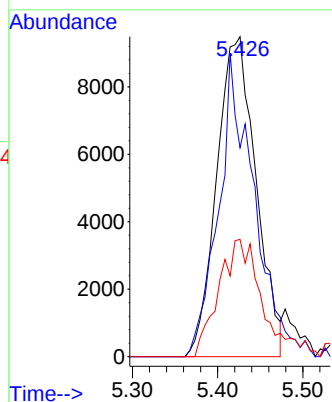
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021



Tgt Ion: 53 Resp: 30350
Ion Ratio Lower Upper
53 100
52 85.8 65.3 97.9
51 40.6 28.3 42.5

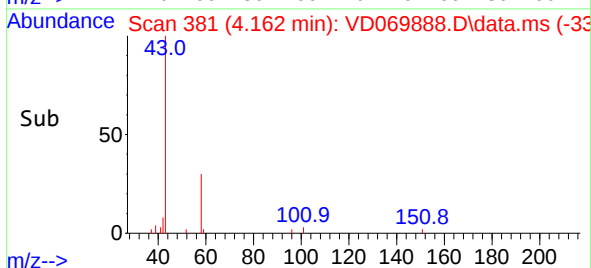
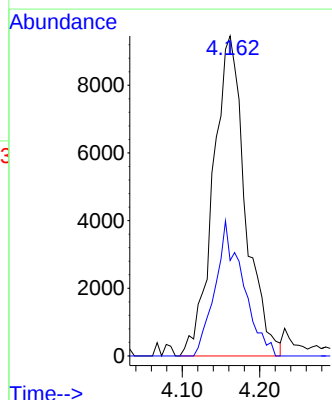
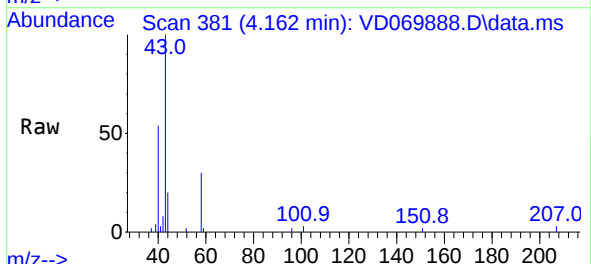
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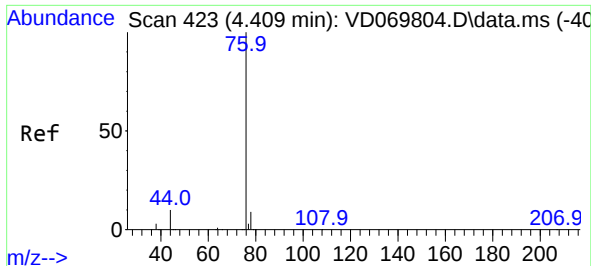
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#16
Acetone
Concen: 20.602 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

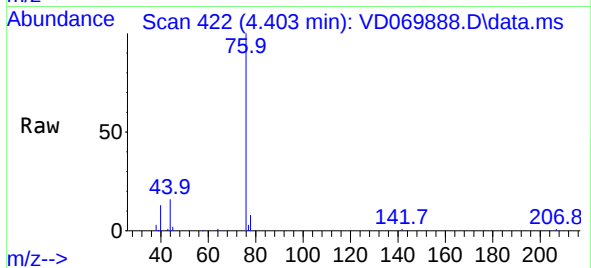
Tgt Ion: 43 Resp: 27319
Ion Ratio Lower Upper
43 100
58 29.9 29.4 44.0





#17
Carbon Disulfide
Concen: 3.864 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

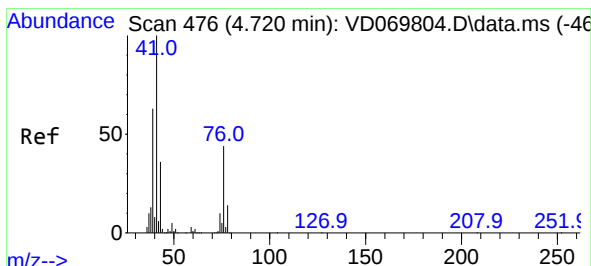
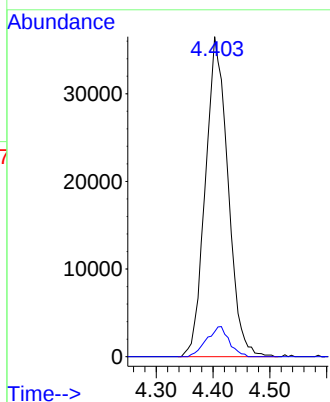
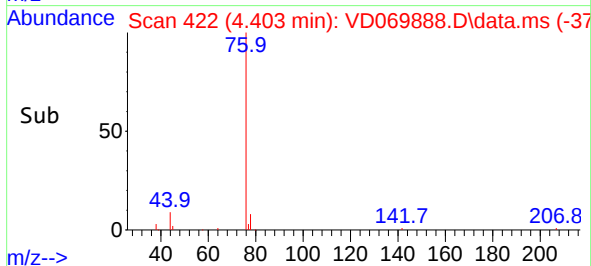
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021



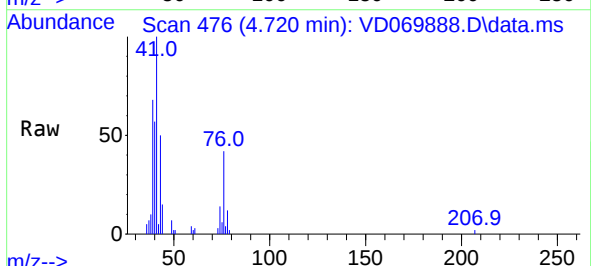
Tgt Ion: 76 Resp: 100894
Ion Ratio Lower Upper
76 100
78 7.8 7.3 10.9

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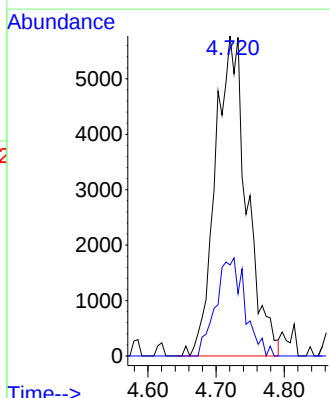
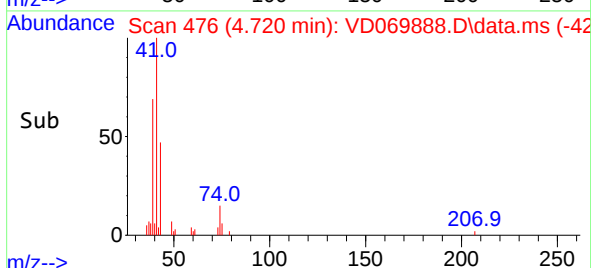
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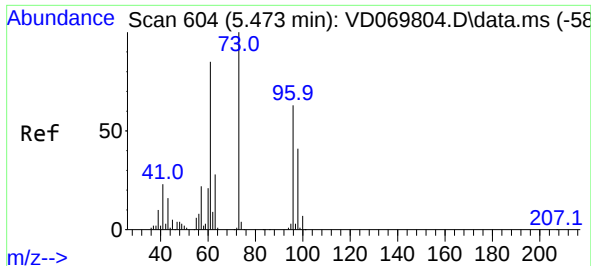


#18
Methyl Acetate
Concen: 4.831 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



Tgt Ion: 43 Resp: 18586
Ion Ratio Lower Upper
43 100
74 28.2 21.4 32.2





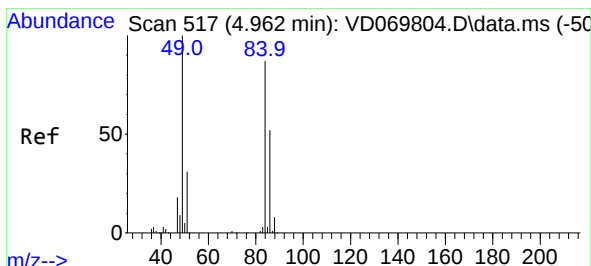
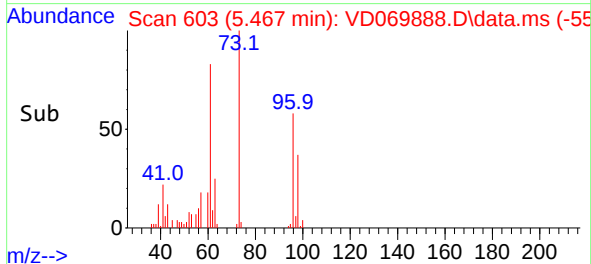
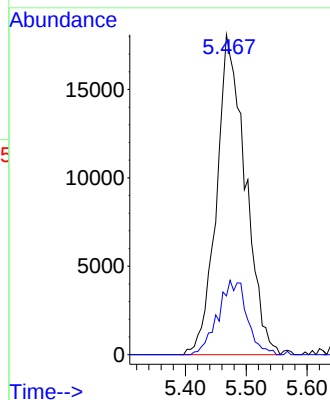
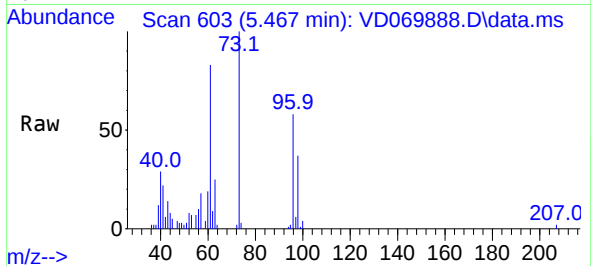
#19
Methyl tert-butyl Ether
Concen: 3.929 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion: 73 Resp: 59449
Ion Ratio Lower Upper
73 100
57 18.3 17.8 26.8

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

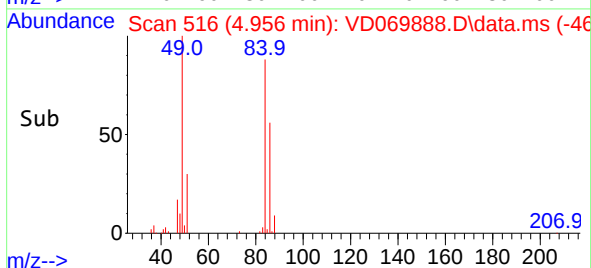
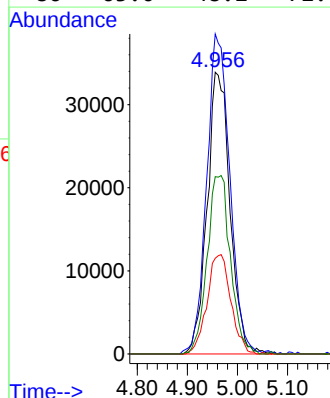
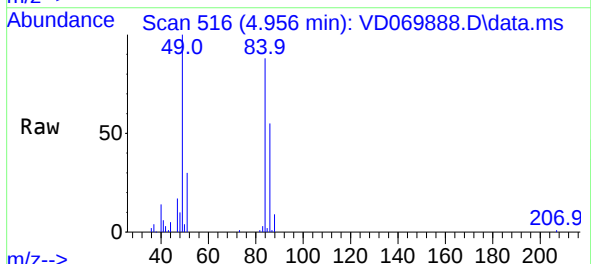
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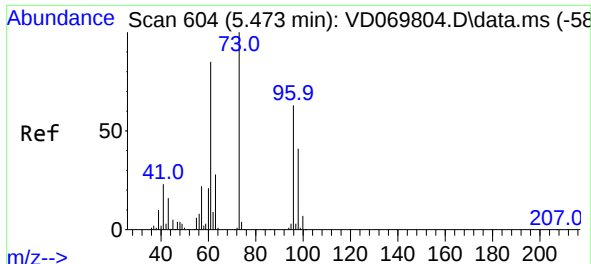
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#20
Methylene Chloride
Concen: 8.903 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

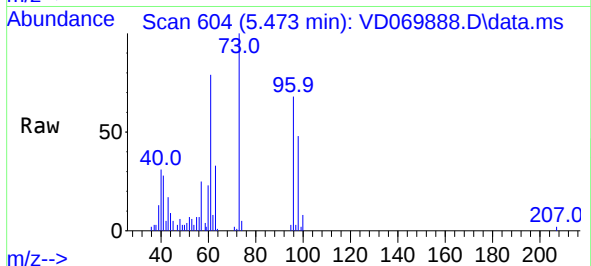
Tgt Ion: 84 Resp: 107528
Ion Ratio Lower Upper
84 100
49 113.6 92.4 138.6
51 34.0 28.5 42.7
86 63.0 48.2 72.4





#21
trans-1,2-Dichloroethene
Concen: 4.032 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

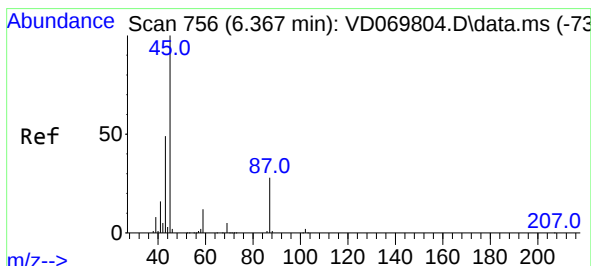
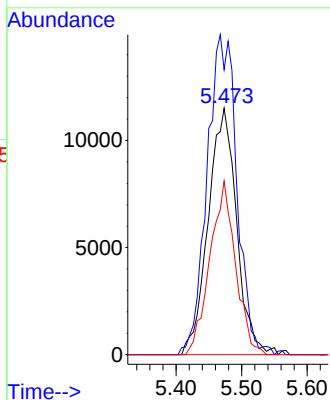
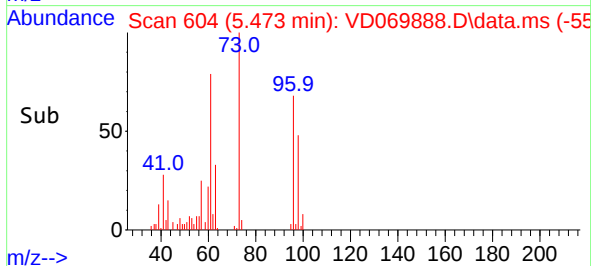
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021



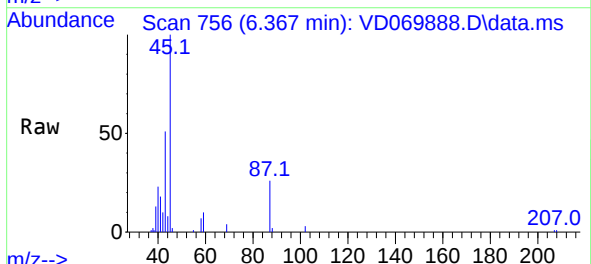
Tgt Ion: 96 Resp: 34694
Ion Ratio Lower Upper
96 100
61 115.7 107.0 160.6
98 70.5 52.3 78.5

Manual Integrations
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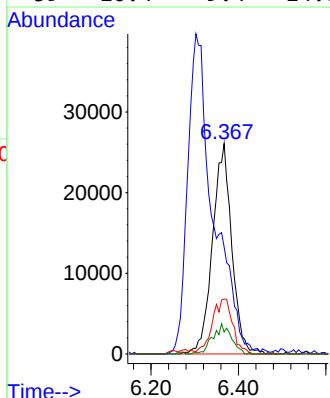
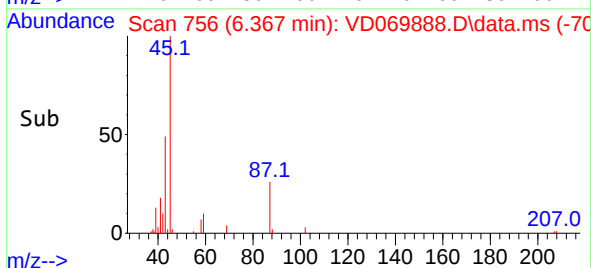
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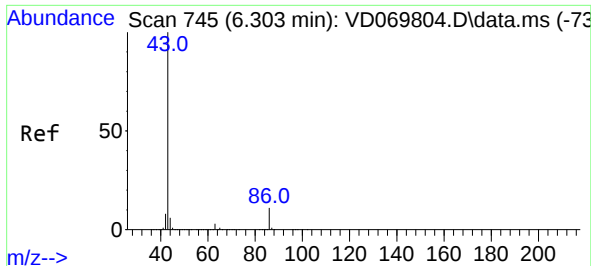


#22
Diisopropyl ether
Concen: 3.431 ug/l
RT: 6.367 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



Tgt Ion: 45 Resp: 79825
Ion Ratio Lower Upper
45 100
43 50.0 39.2 58.8
87 26.1 22.3 33.5
59 10.4 9.4 14.0





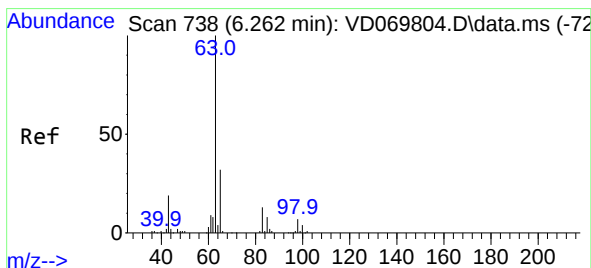
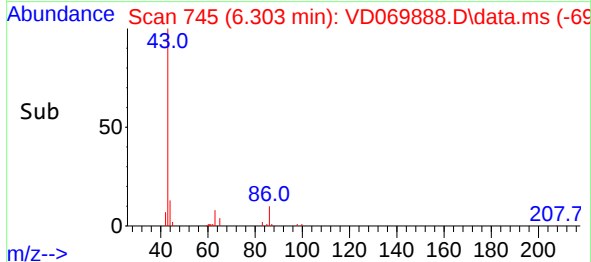
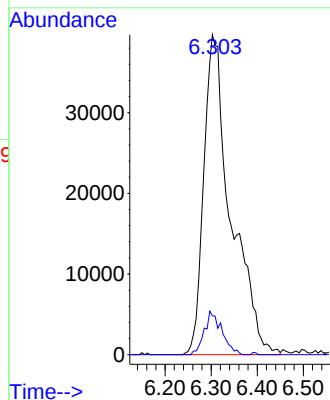
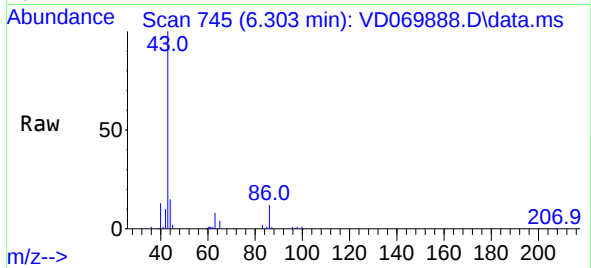
#23
 Vinyl Acetate
 Concen: 14.559 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD069888.D
 Acq: 28 Jul 2021 14:56

Tgt Ion: 43 Resp: 162261
 Ion Ratio Lower Upper
 43 100
 86 12.2 8.6 13.0

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

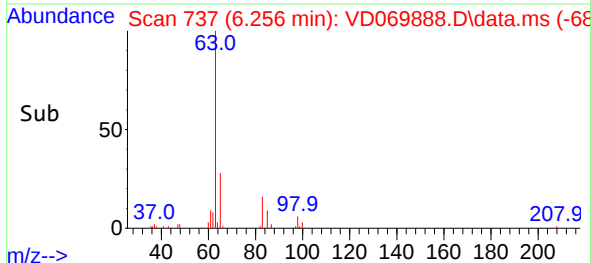
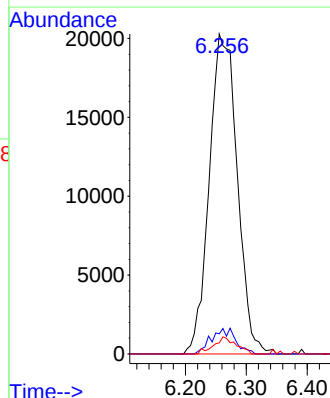
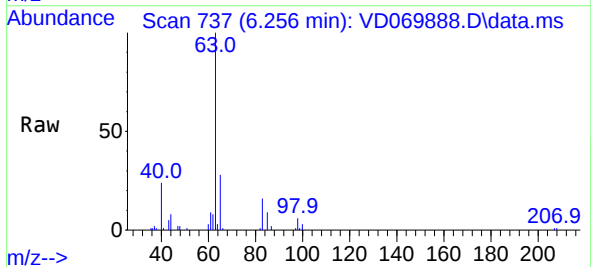
Manual Integrations
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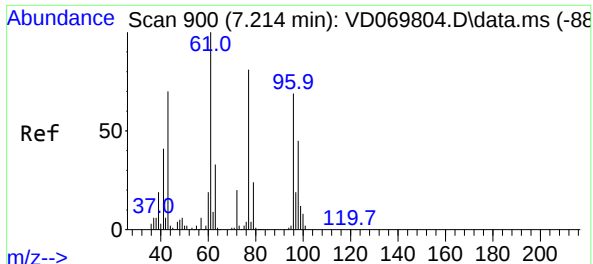
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#24
 1,1-Dichloroethane
 Concen: 4.035 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD069888.D
 Acq: 28 Jul 2021 14:56

Tgt Ion: 63 Resp: 64840
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.8
 100 3.4 2.2 6.6





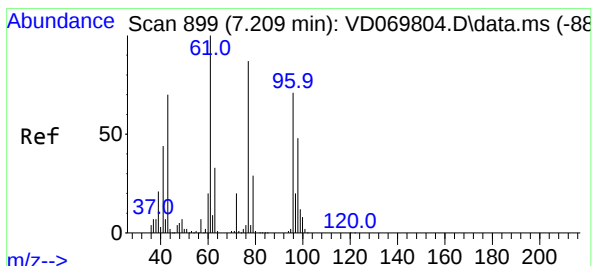
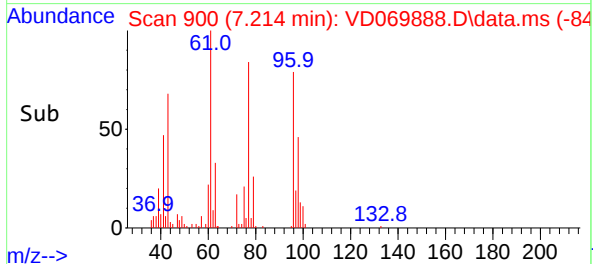
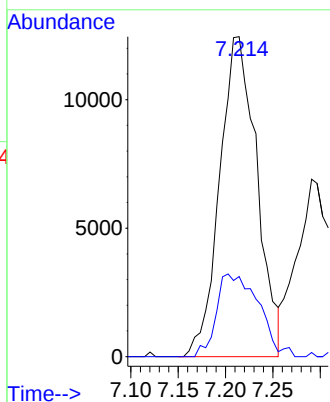
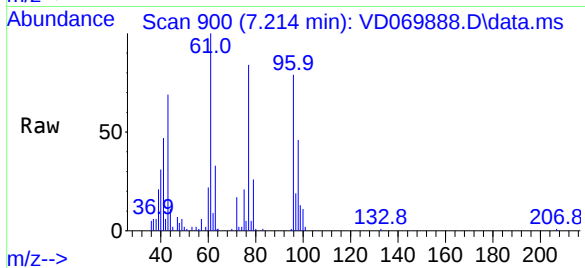
#25
2-Butanone
Concen: 18.958 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion: 43 Resp: 34091
Ion Ratio Lower Upper
43 100
72 25.1 22.8 34.2

Instrument :
MSVOA_D
ClientSampleId :
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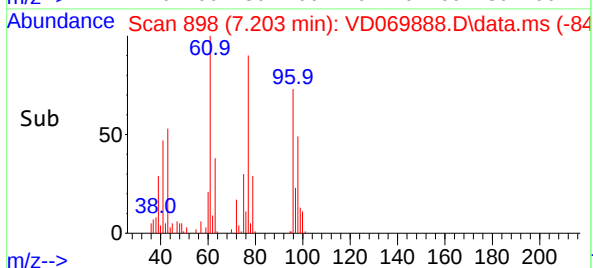
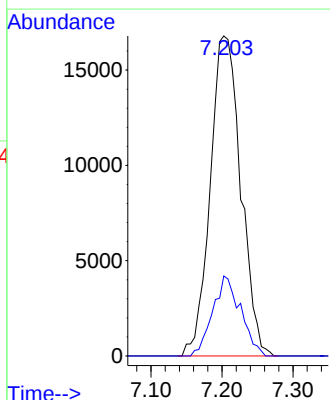
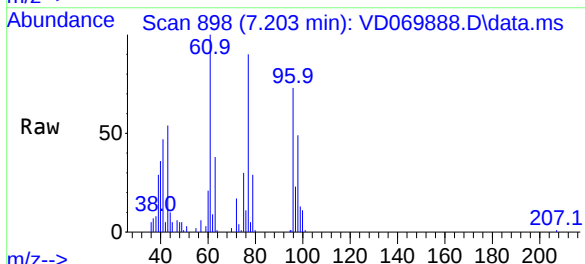
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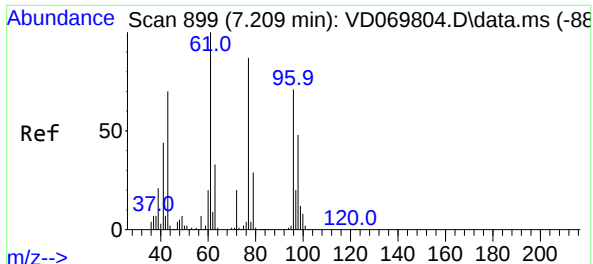
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#26
2,2-Dichloropropane
Concen: 4.109 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion: 77 Resp: 50204
Ion Ratio Lower Upper
77 100
97 22.8 11.9 35.7





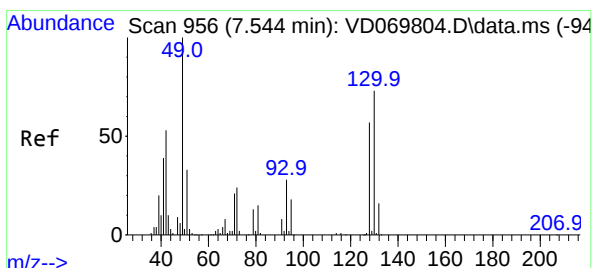
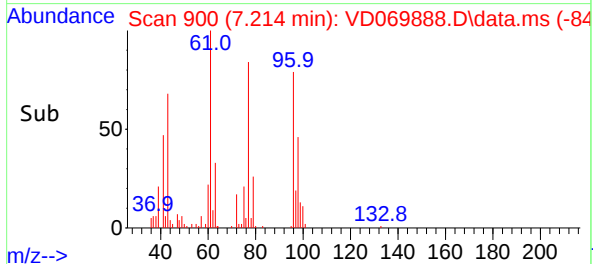
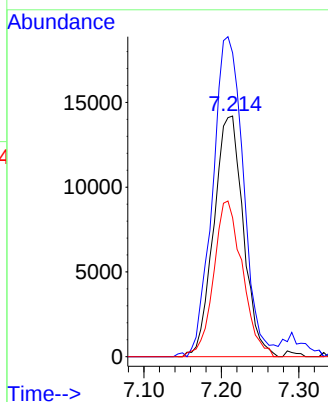
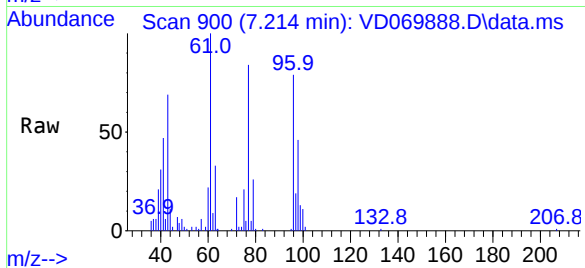
#27
cis-1,2-Dichloroethene
Concen: 4.108 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion:	96	Resp:	37717
Ion	Ratio	Lower	Upper
96	100		
61	138.7	0.0	291.6
98	63.1	0.0	132.0

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

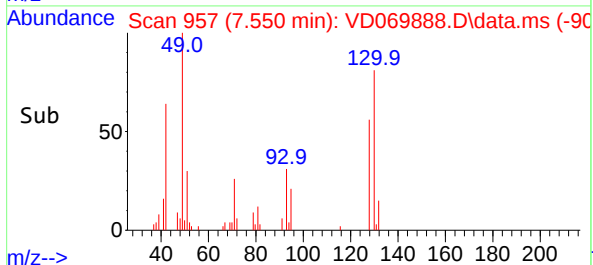
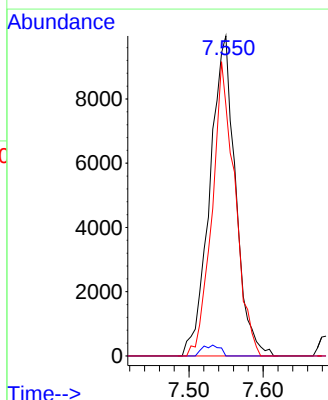
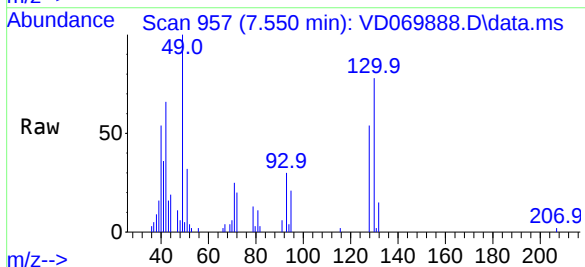
Manual Integrations
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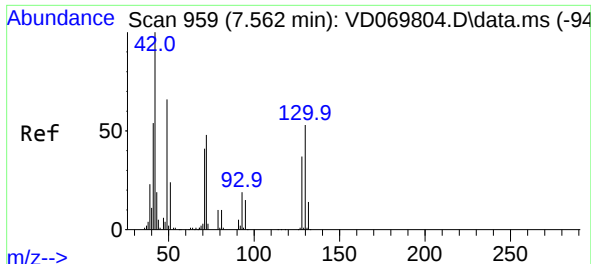
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#28
Bromochloromethane
Concen: 3.926 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion:	49	Resp:	23955
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	81.5	59.6	89.4





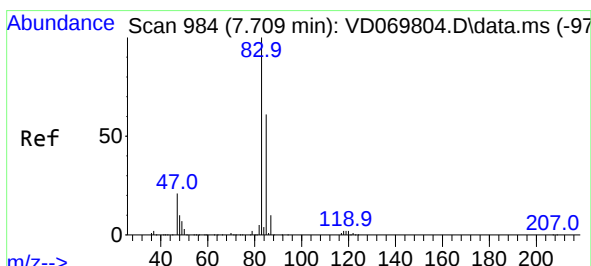
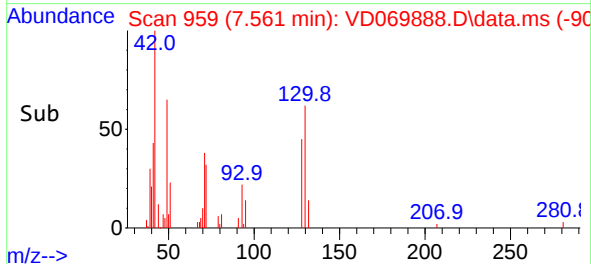
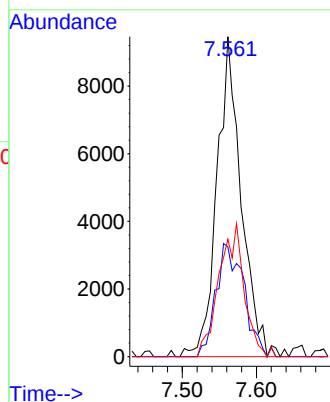
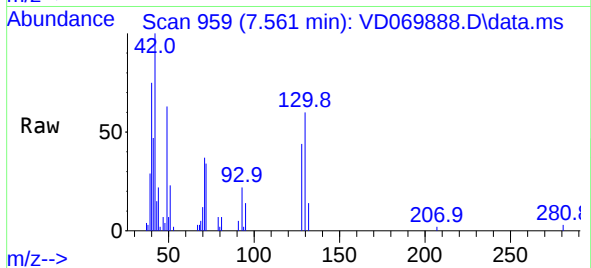
#29
Tetrahydrofuran
Concen: 18.533 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion:	42	Resp:	21562
Ion Ratio	Lower	Upper	
42	100		
72	40.7	36.5	54.7
71	42.4	33.5	50.3

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

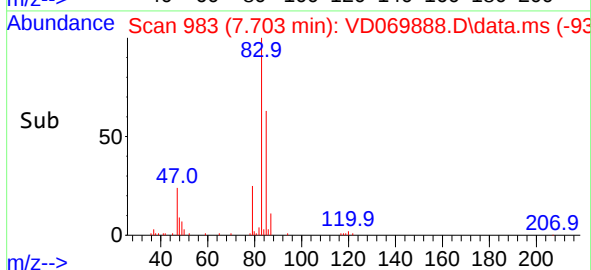
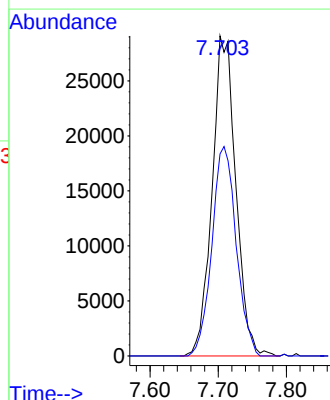
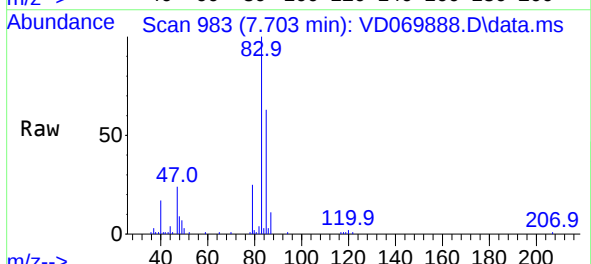
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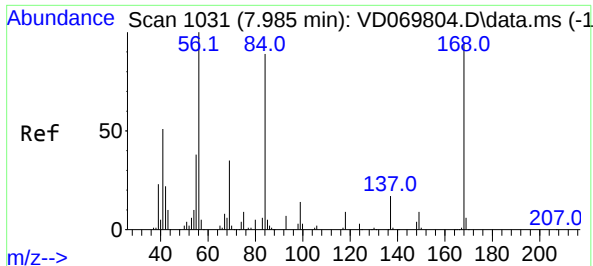
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#30
Chloroform
Concen: 4.354 ug/l
RT: 7.703 min Scan# 983
Delta R.T. -0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

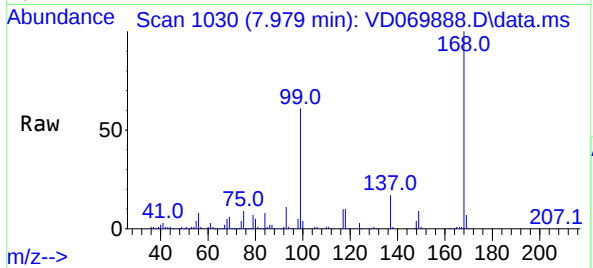
Tgt Ion:	83	Resp:	70344
Ion Ratio	Lower	Upper	
83	100		
85	63.2	49.1	73.7





#31
Cyclohexane
Concen: 4.395 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

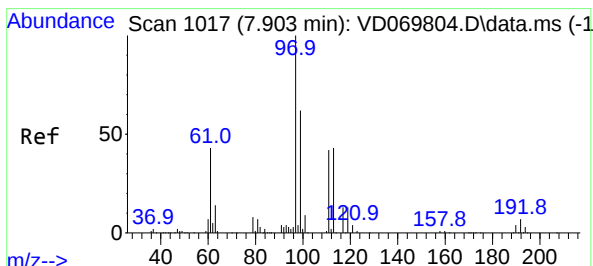
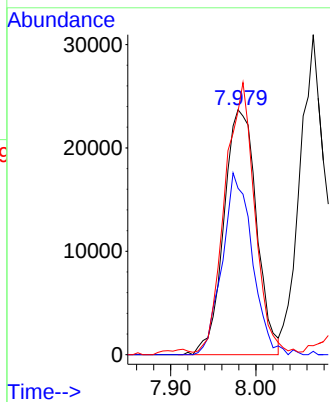
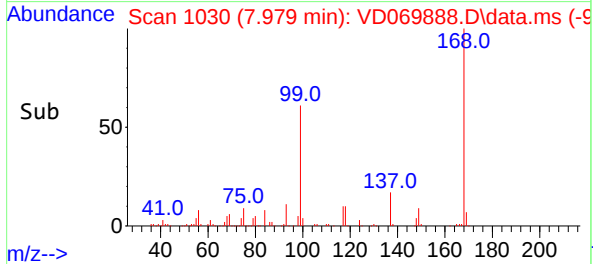
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021



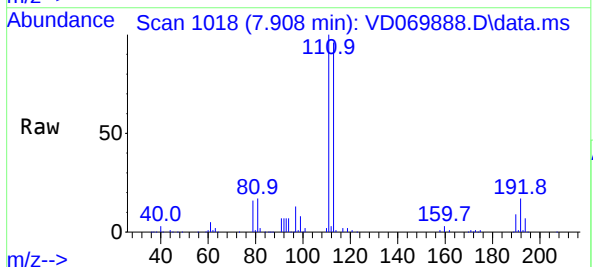
Tgt Ion: 56 Resp: 63034
Ion Ratio Lower Upper
56 100
69 67.9 27.9 41.9#
84 97.4 71.4 107.2

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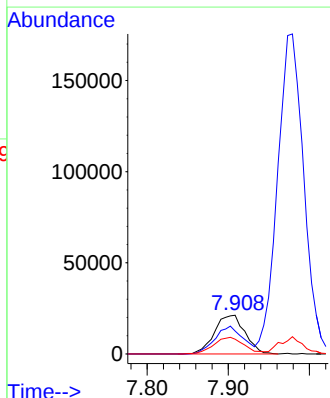
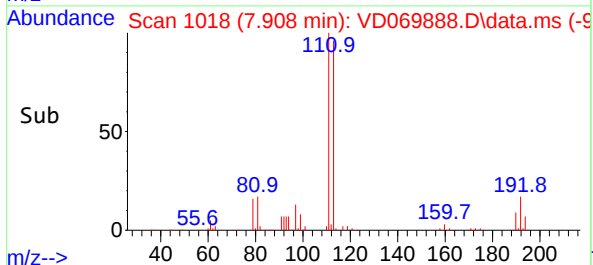
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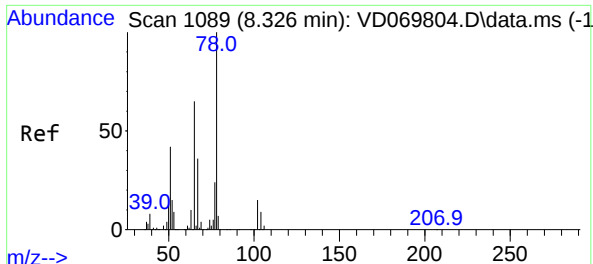


#32
1,1,1-Trichloroethane
Concen: 4.155 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



Tgt Ion: 97 Resp: 55565
Ion Ratio Lower Upper
97 100
99 66.1 50.8 76.2
61 42.9 34.5 51.7





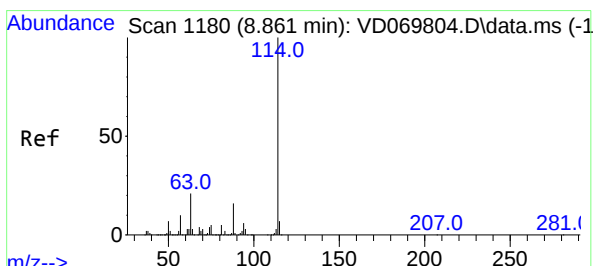
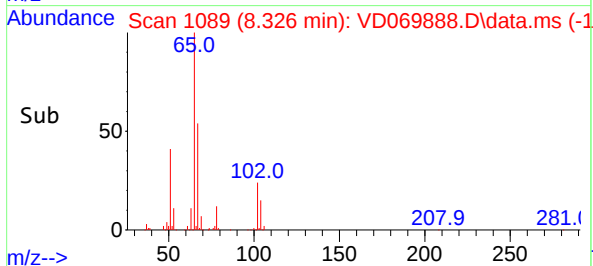
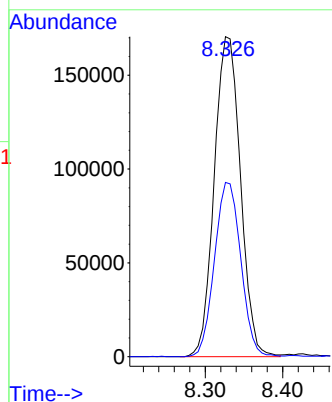
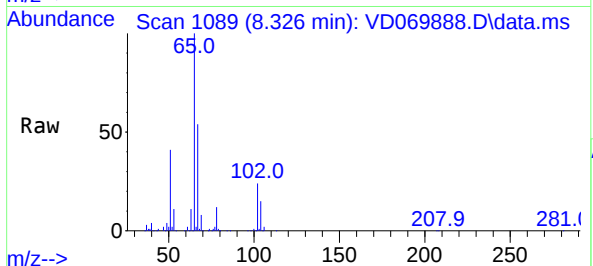
#33
1,2-Dichloroethane-d4
Concen: 54.695 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion: 65 Resp: 401493
Ion Ratio Lower Upper
65 100
67 54.6 0.0 111.2

Instrument :
MSVOA_D
ClientSampleId :
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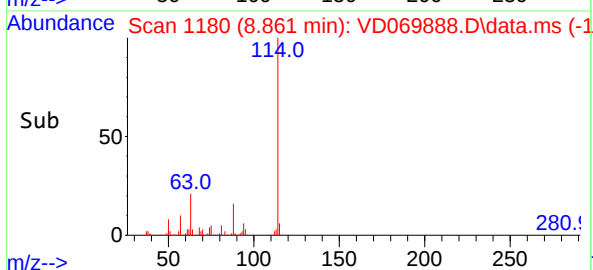
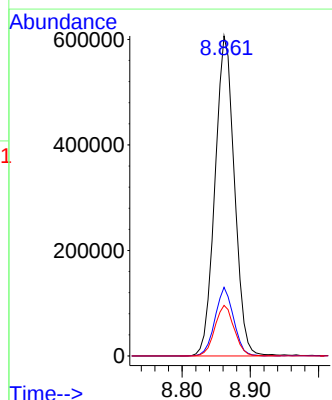
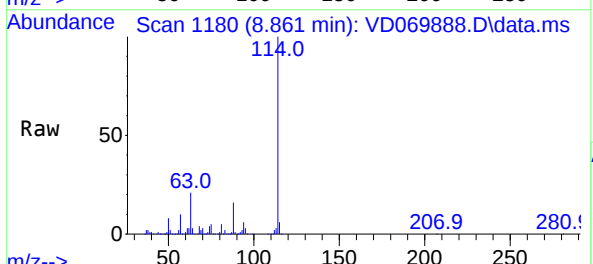
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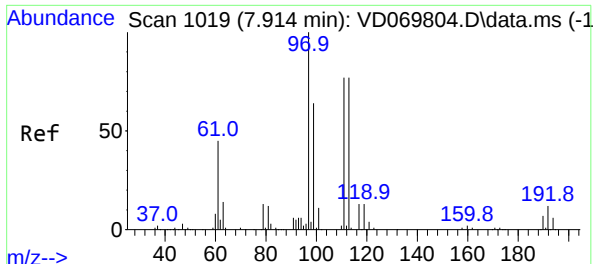
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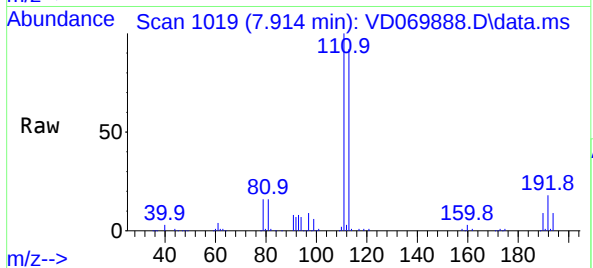
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion: 114 Resp: 1202275
Ion Ratio Lower Upper
114 100
63 21.4 0.0 41.6
88 15.8 0.0 31.4

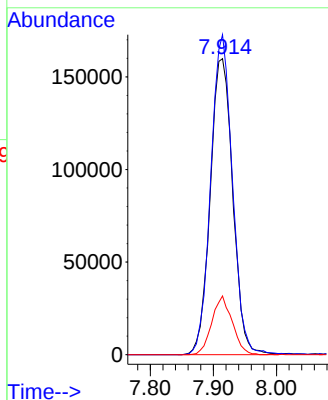
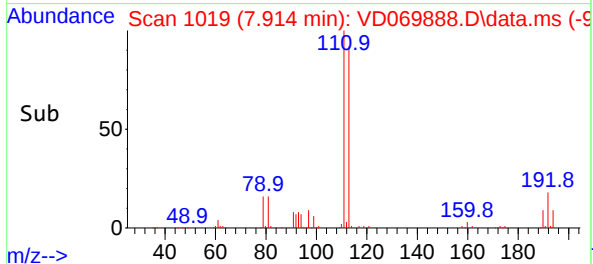




#35
Dibromofluoromethane
Concen: 52.337 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



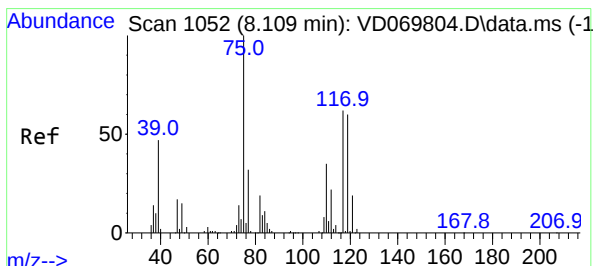
Tgt Ion:113 Resp: 396672
Ion Ratio Lower Upper
113 100
111 104.0 80.5 120.7
192 17.9 12.6 19.0



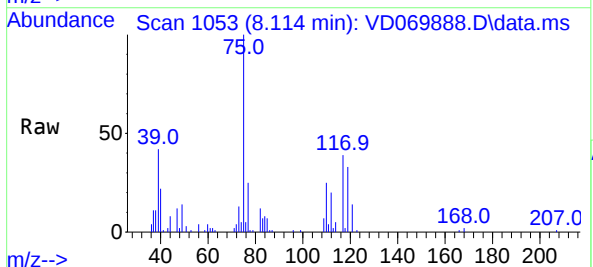
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

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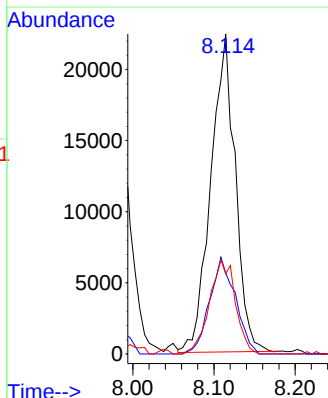
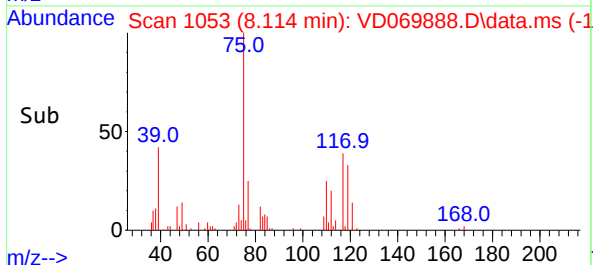
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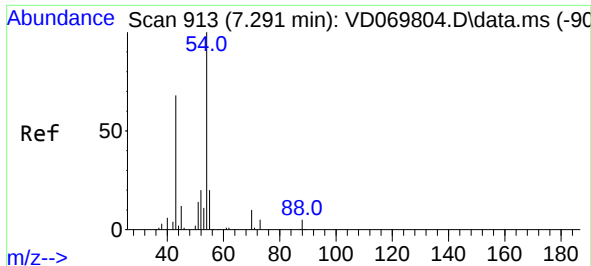


#36
1,1-Dichloropropene
Concen: 3.614 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

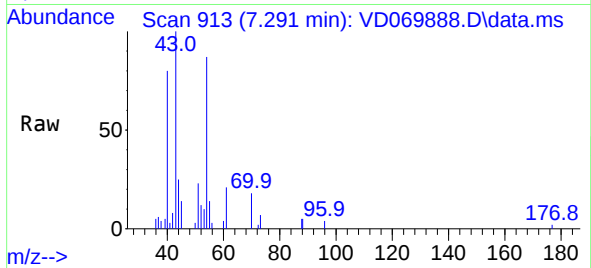


Tgt Ion: 75 Resp: 46888
Ion Ratio Lower Upper
75 100
110 32.0 16.9 50.7
77 31.2 24.9 37.3

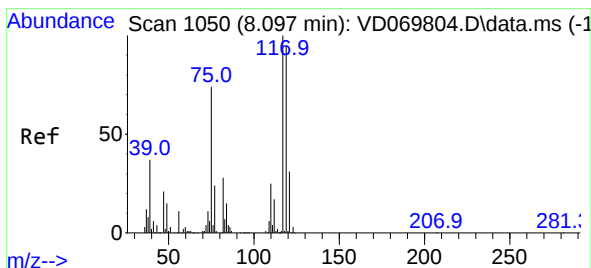
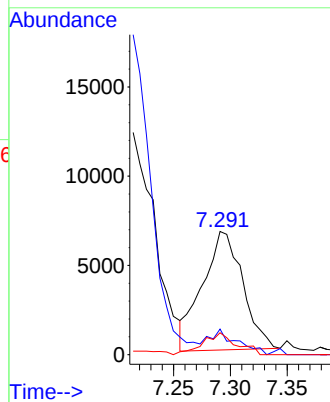
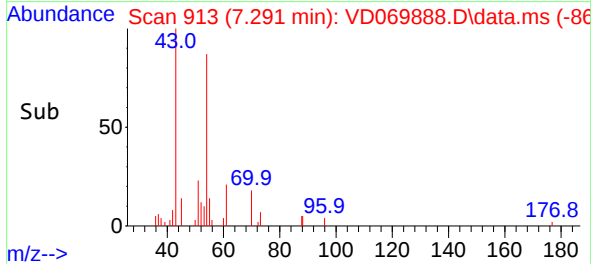




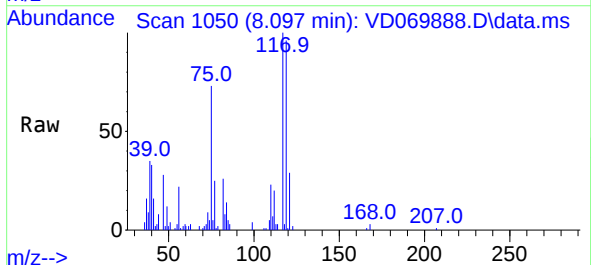
#37
Ethyl Acetate
Concen: 3.468 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



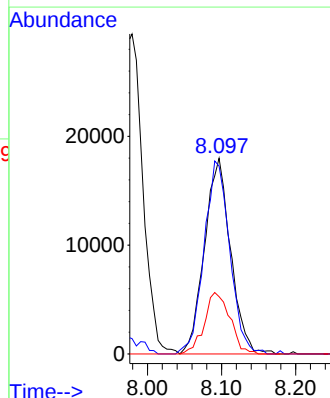
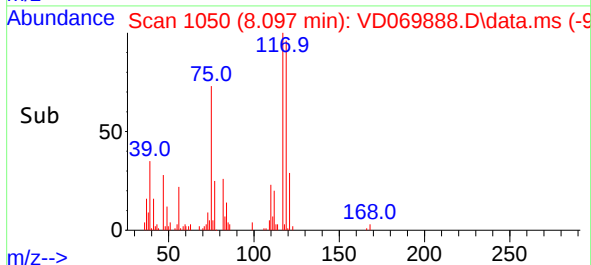
Tgt Ion: 43 Resp: 16381
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.8
70 15.3 8.9 13.3#



#38
Carbon Tetrachloride
Concen: 3.722 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



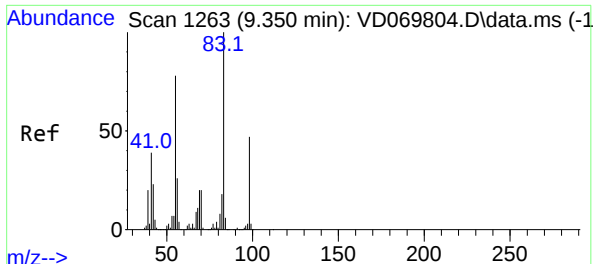
Tgt Ion: 117 Resp: 44114
Ion Ratio Lower Upper
117 100
119 94.3 76.2 114.2
121 29.3 24.5 36.7



Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

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#39

Methylcyclohexane

Concen: 3.721 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VD069888.D

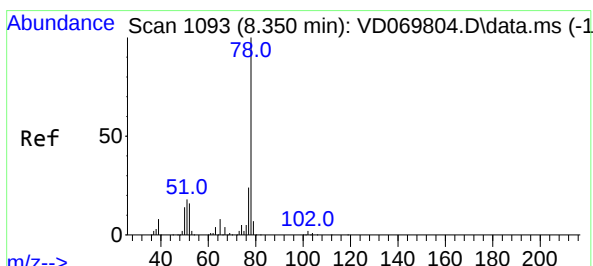
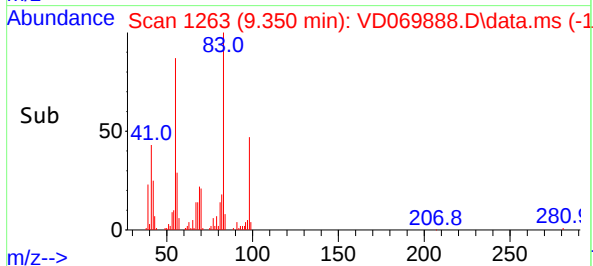
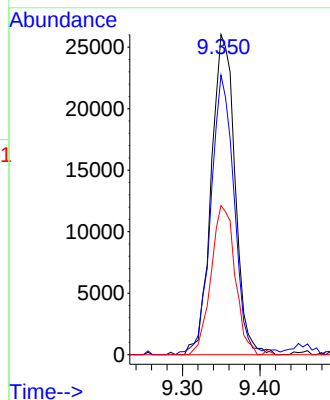
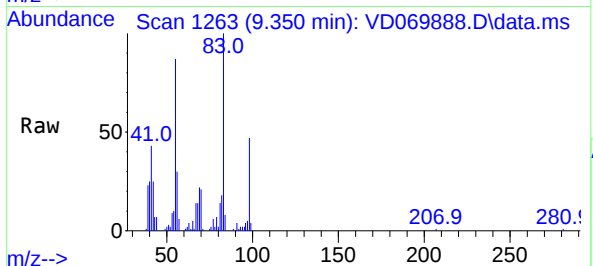
Acq: 28 Jul 2021 14:56

Tgt Ion:	83	Resp:	55286
Ion	Ratio	Lower	Upper
83	100		
55	86.5	62.2	93.2
98	46.6	37.8	56.8

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations
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#40

Benzene

Concen: 3.838 ug/l

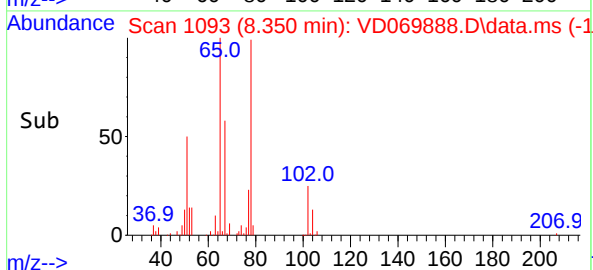
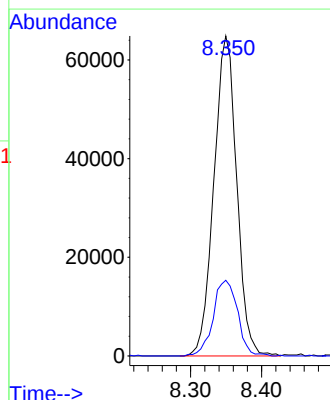
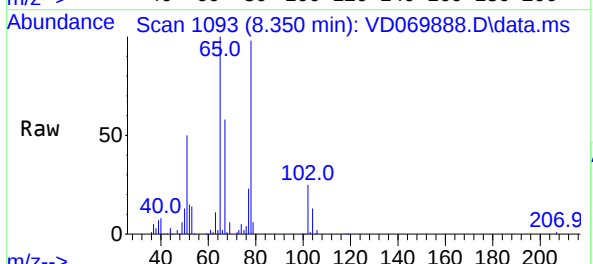
RT: 8.350 min Scan# 1093

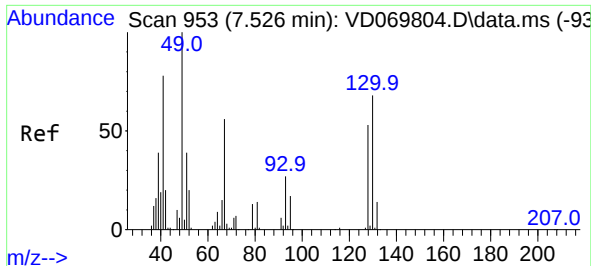
Delta R.T. -0.000 min

Lab File: VD069888.D

Acq: 28 Jul 2021 14:56

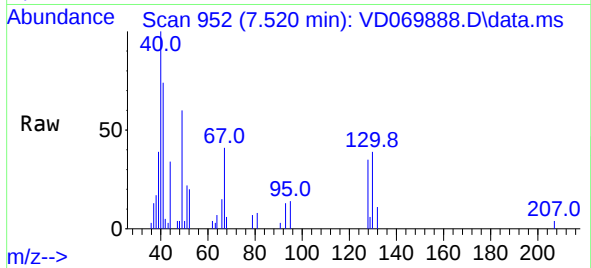
Tgt Ion:	78	Resp:	144279
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.4	29.0





#41
Methacrylonitrile
Concen: 3.641 ug/l
RT: 7.520 min Scan# 952
Delta R.T. -0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

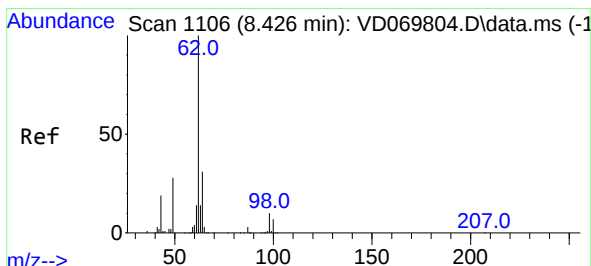
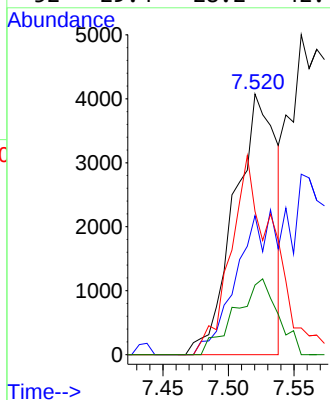
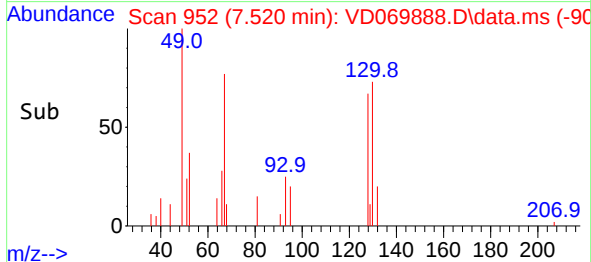
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021



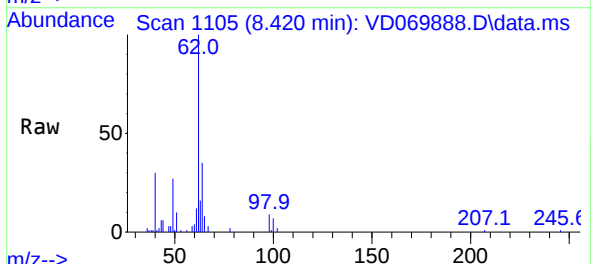
Tgt Ion: 41 Resp: 9026
Ion Ratio Lower Upper
41 100
39 37.0 46.7 70.1#
67 79.2 69.3 103.9
52 29.4 28.2 42.4

Manual Integrations
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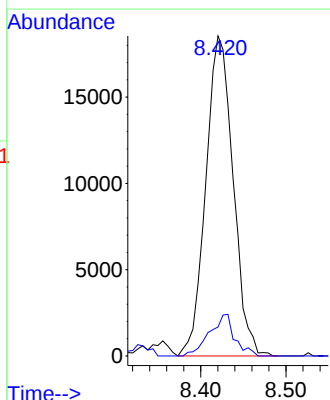
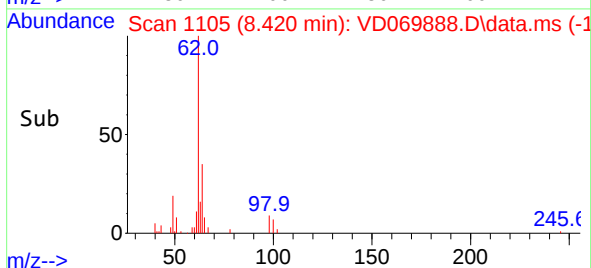
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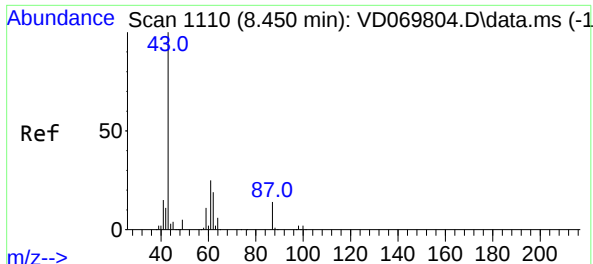


#42
1,2-Dichloroethane
Concen: 4.164 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



Tgt Ion: 62 Resp: 41396
Ion Ratio Lower Upper
62 100
98 11.9 0.0 20.4





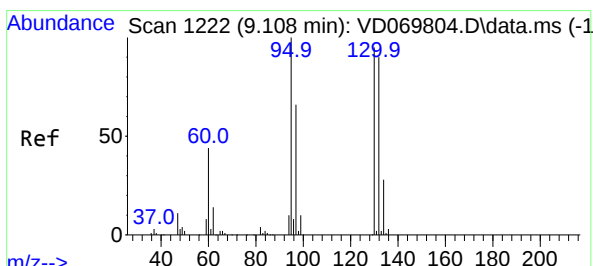
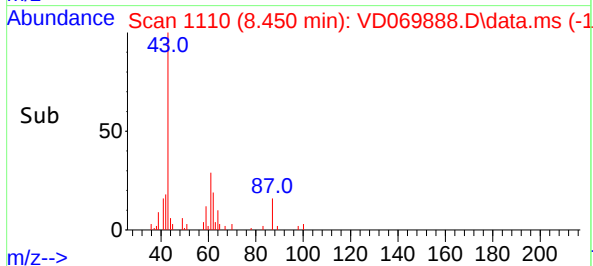
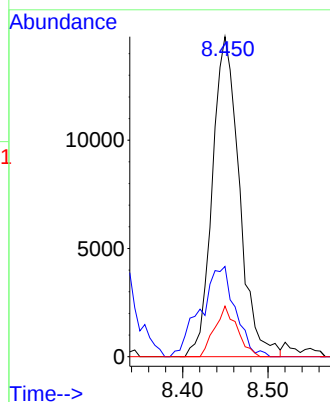
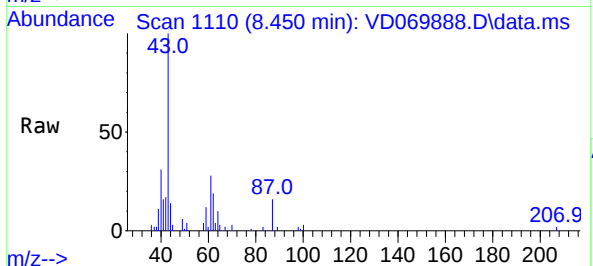
#43
Isopropyl Acetate
Concen: 3.847 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion:	43	Resp:	32586
Ion	Ratio	Lower	Upper
43	100		
61	36.2	27.8	41.6
87	13.1	11.3	16.9

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

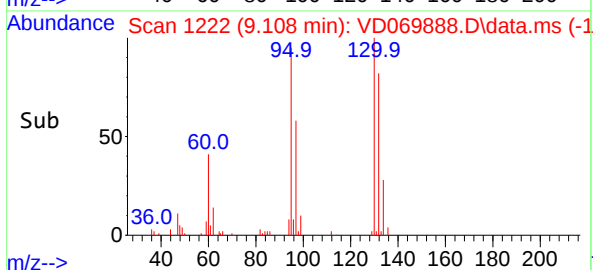
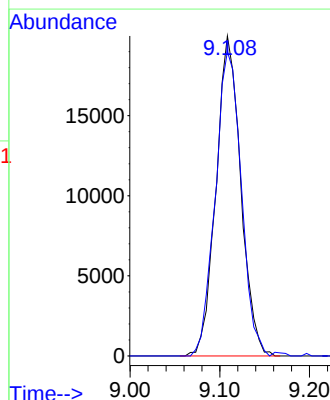
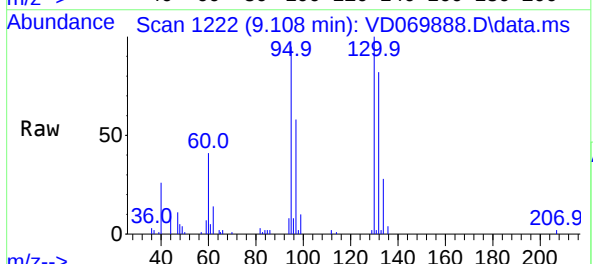
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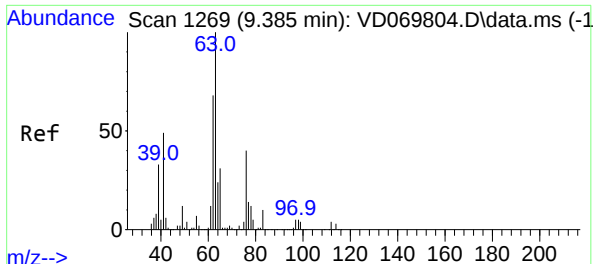
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#44
Trichloroethene
Concen: 4.127 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion:	130	Resp:	38201
Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	210.8





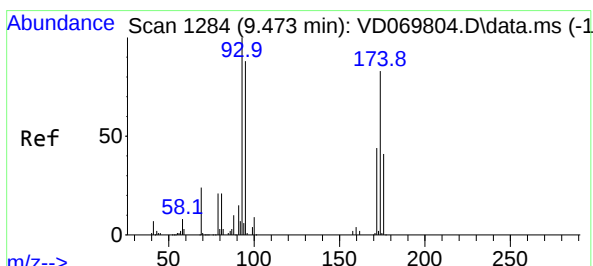
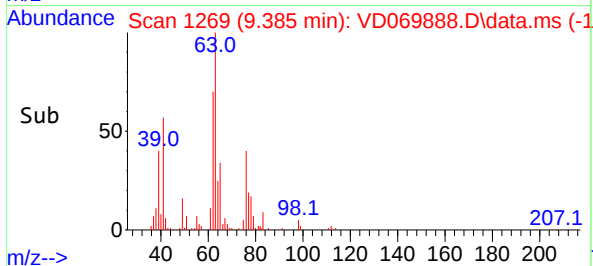
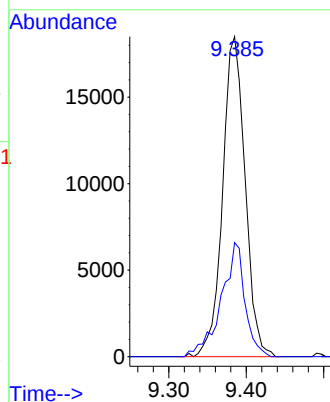
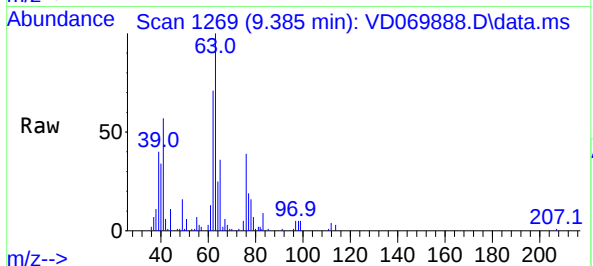
#45
1,2-Dichloropropane
Concen: 3.785 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion: 63 Resp: 37375
Ion Ratio Lower Upper
63 100
65 35.7 24.9 37.3

Instrument :
MSVOA_D
ClientSampleId :
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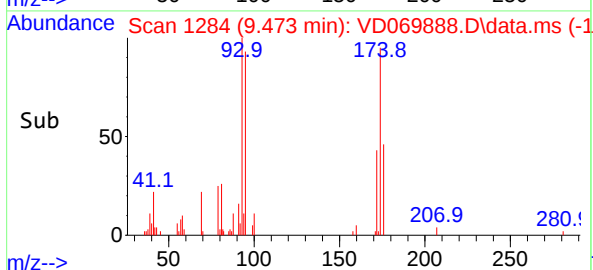
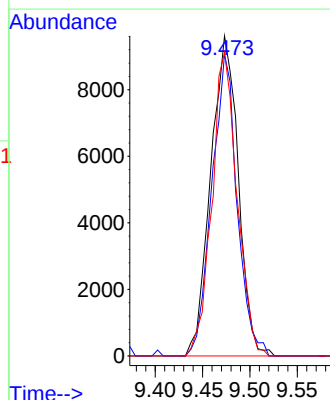
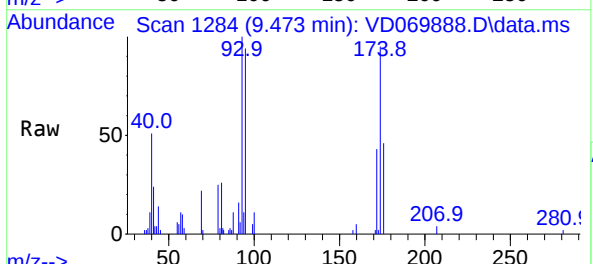
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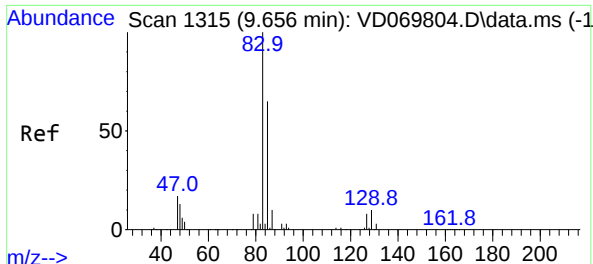
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#46
Dibromomethane
Concen: 4.004 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion: 93 Resp: 19434
Ion Ratio Lower Upper
93 100
95 86.5 67.5 101.3
174 86.9 66.3 99.5





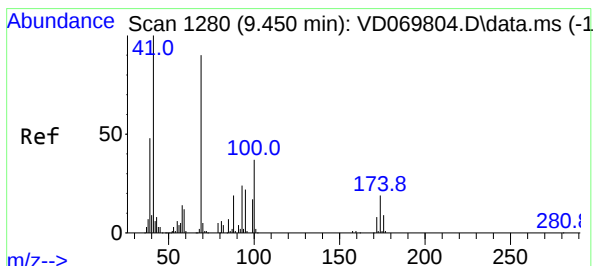
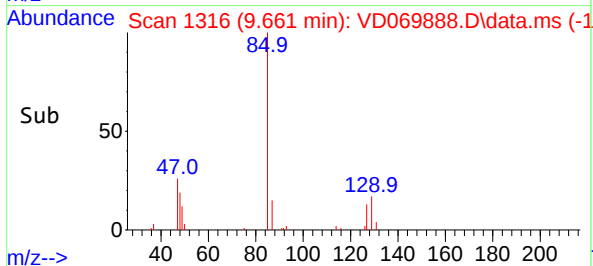
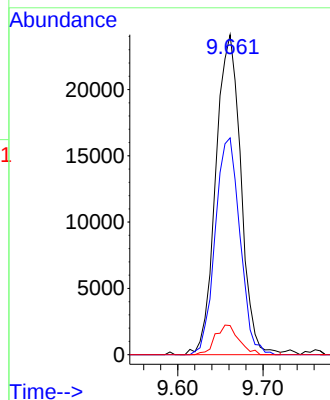
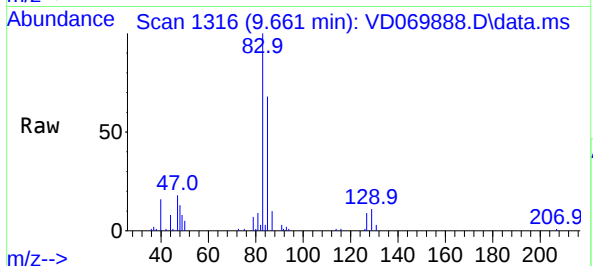
#47
Bromodichloromethane
Concen: 3.909 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion:	83	Resp:	49289
Ion Ratio	Lower	Upper	
83	100		
85	67.8	52.0	78.0
127	9.1	6.6	10.0

Instrument :
MSVOA_D
ClientSampleId :
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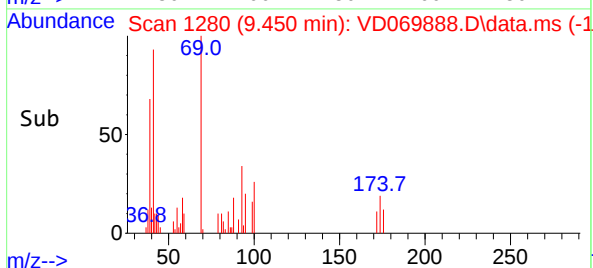
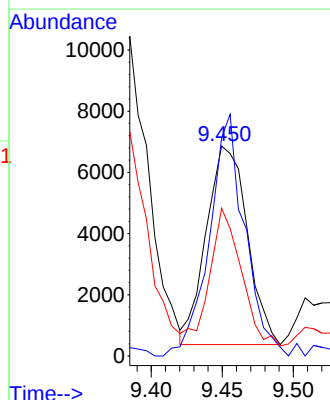
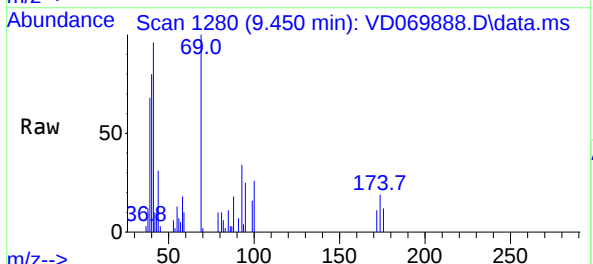
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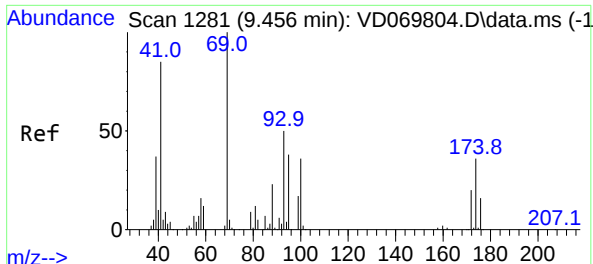
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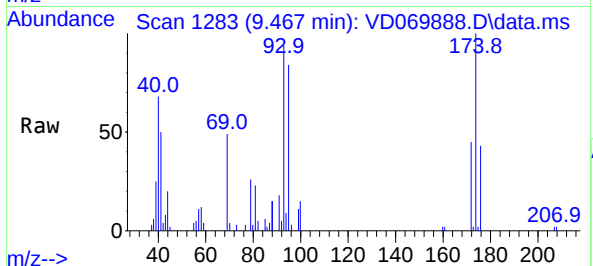
#48
Methyl methacrylate
Concen: 3.194 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion:	41	Resp:	13015
Ion Ratio	Lower	Upper	
41	100		
69	104.7	73.4	110.2
39	53.3	36.6	55.0

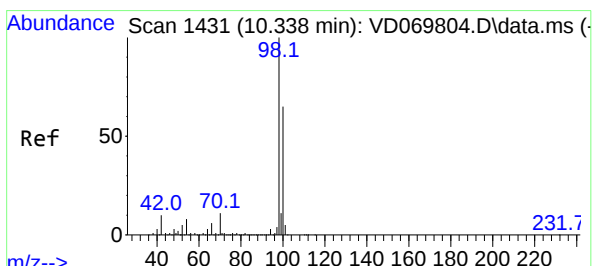
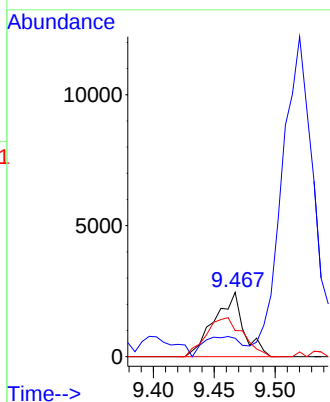
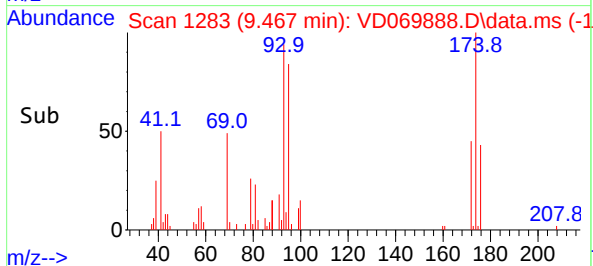




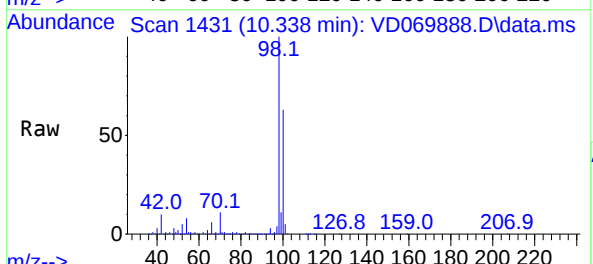
#49
1,4-Dioxane
Concen: 80.566 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.012 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



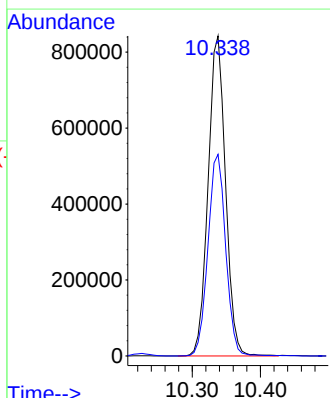
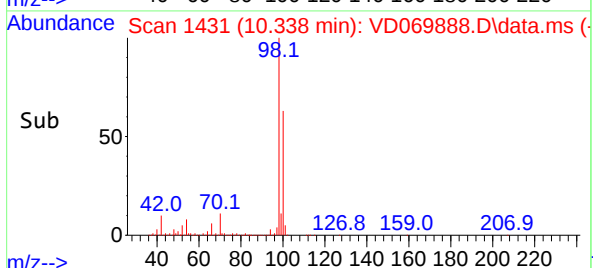
Tgt Ion: 88 Resp: 4131
Ion Ratio Lower Upper
88 100
43 41.4 26.8 40.2#
58 75.7 59.8 89.6



#50
Toluene-d8
Concen: 51.286 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



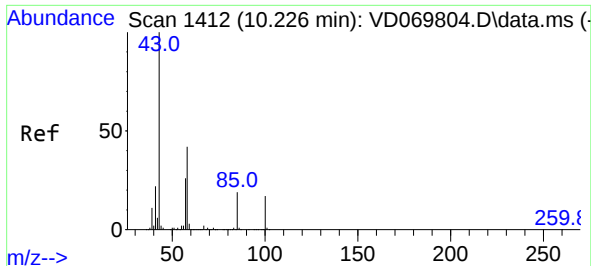
Tgt Ion: 98 Resp: 1498828
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



Instrument :
MSVOA_D
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MDL-SOIL-03-QT3-2021

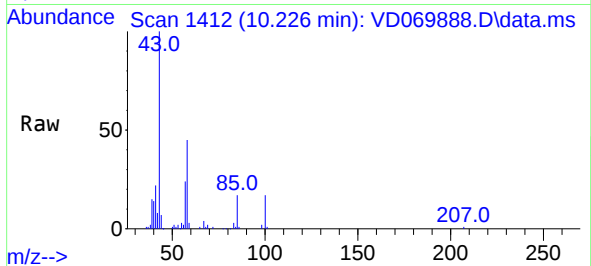
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#51
4-Methyl-2-Pentanone
Concen: 17.780 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

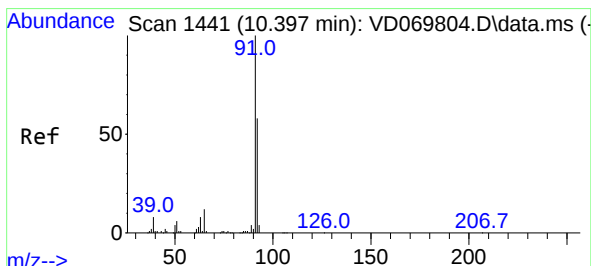
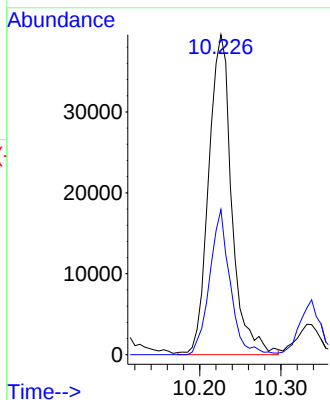
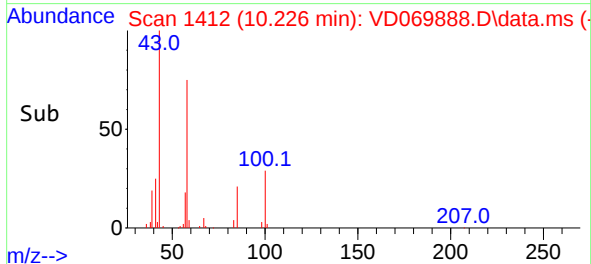
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021



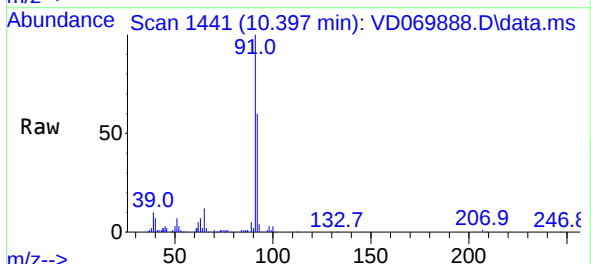
Tgt Ion: 43 Resp: 78378
Ion Ratio Lower Upper
43 100
58 40.2 33.7 50.5

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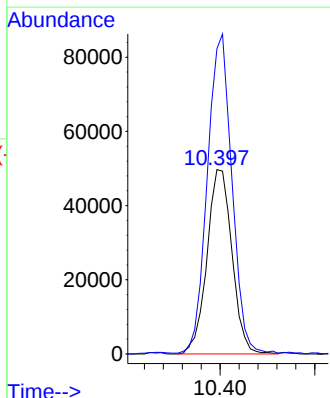
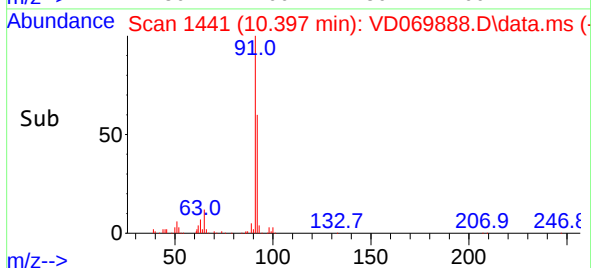
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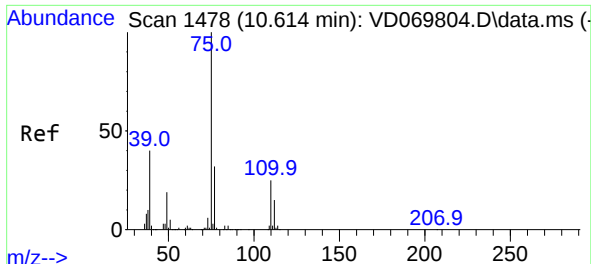


#52
Toluene
Concen: 4.011 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



Tgt Ion: 92 Resp: 91469
Ion Ratio Lower Upper
92 100
91 168.8 138.7 208.1





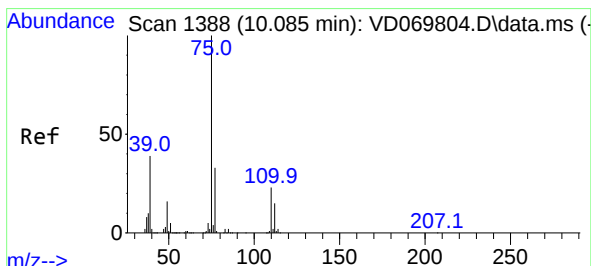
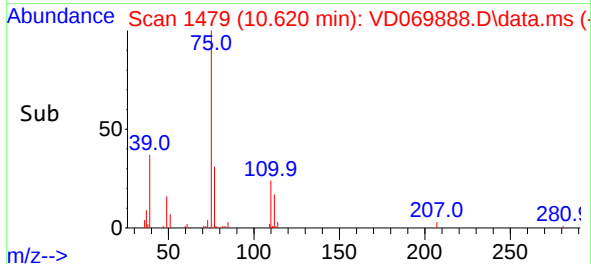
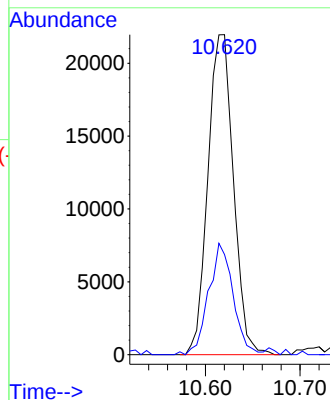
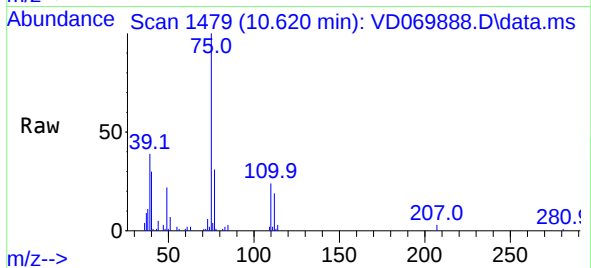
#53
 t-1,3-Dichloropropene
 Concen: 3.892 ug/l
 RT: 10.620 min Scan# 1479
 Delta R.T. 0.006 min
 Lab File: VD069888.D
 Acq: 28 Jul 2021 14:56

Tgt Ion: 75 Resp: 41197
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.8 38.6

Instrument :
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 ClientSampleId :
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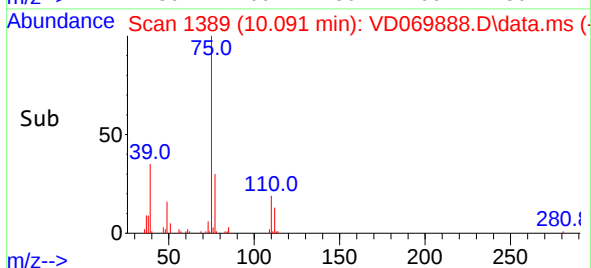
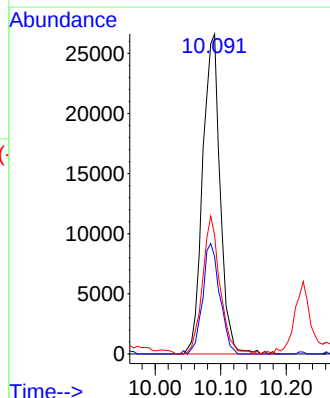
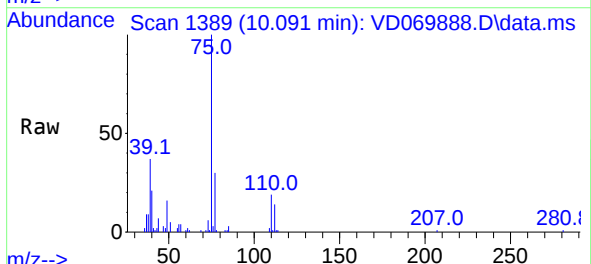
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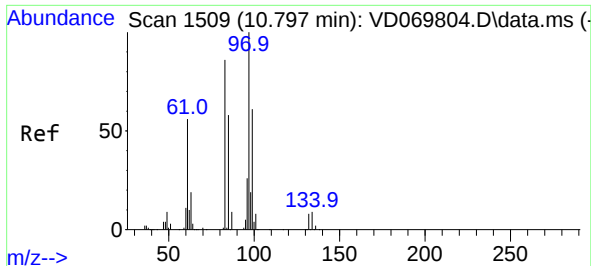
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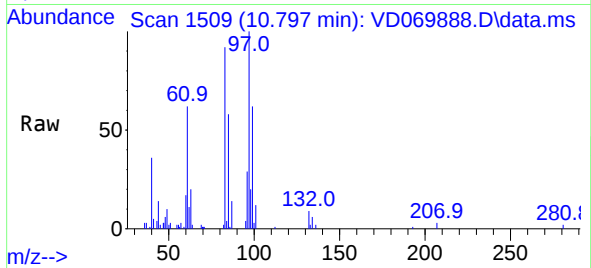
#54
 cis-1,3-Dichloropropene
 Concen: 3.858 ug/l
 RT: 10.091 min Scan# 1389
 Delta R.T. 0.006 min
 Lab File: VD069888.D
 Acq: 28 Jul 2021 14:56

Tgt Ion: 75 Resp: 49437
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.3 39.5
 39 37.1 31.0 46.6

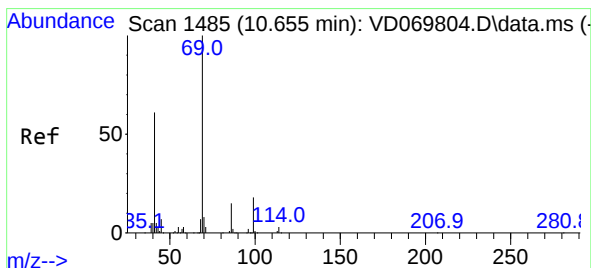
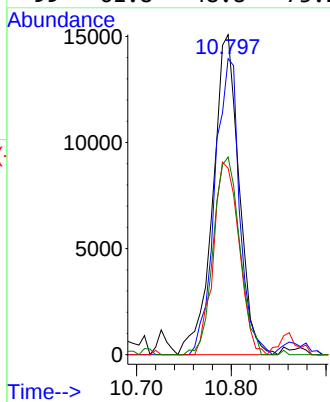
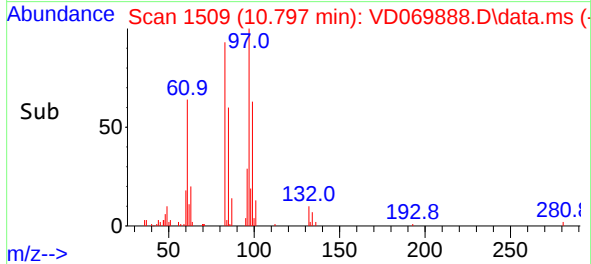




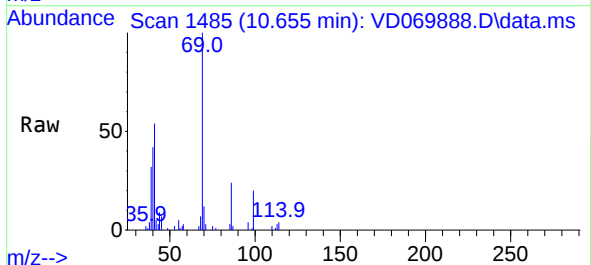
#55
1,1,2-Trichloroethane
Concen: 4.219 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



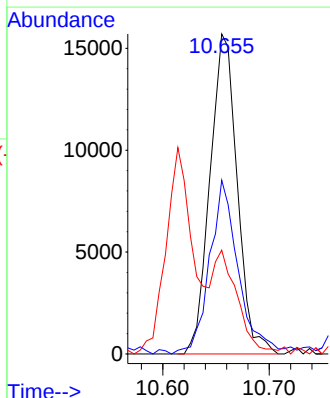
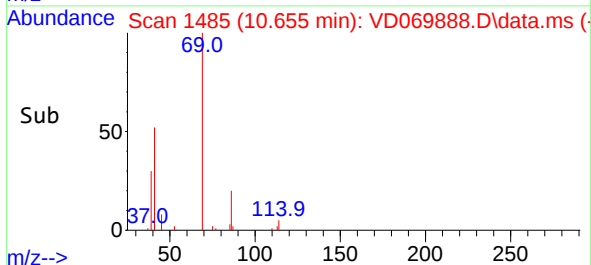
Tgt Ion: 97 Resp: 28919
Ion Ratio Lower Upper
97 100
83 92.5 69.1 103.7
85 58.2 46.2 69.2
99 61.8 48.8 73.2



#56
Ethyl methacrylate
Concen: 3.718 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



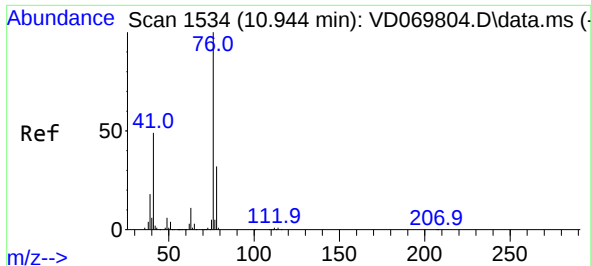
Tgt Ion: 69 Resp: 27904
Ion Ratio Lower Upper
69 100
41 57.0 50.2 75.2
39 25.8 22.0 33.0



Instrument :
MSVOA_D
ClientSampleId :
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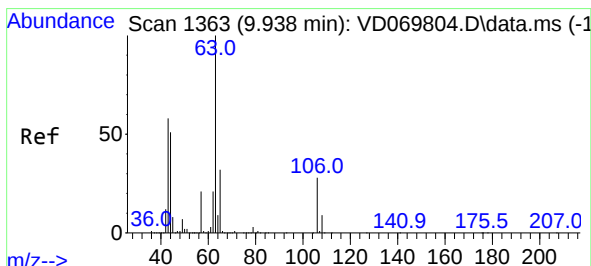
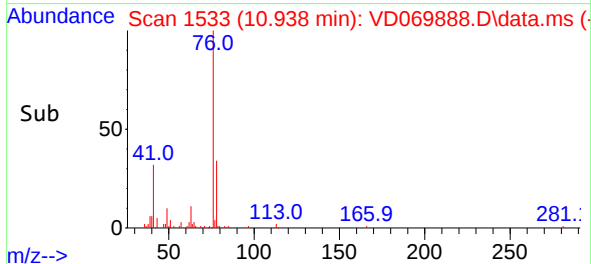
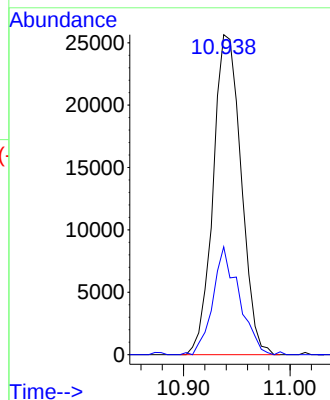
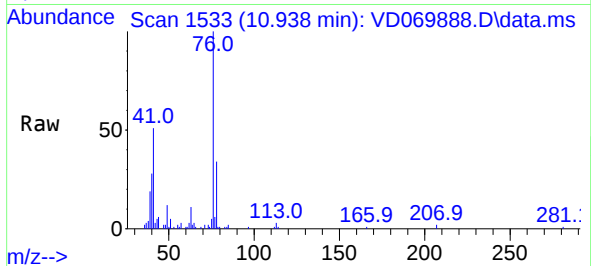
#57
1,3-Dichloropropane
Concen: 4.032 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion: 76 Resp: 46770
Ion Ratio Lower Upper
76 100
78 31.7 26.2 39.2

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

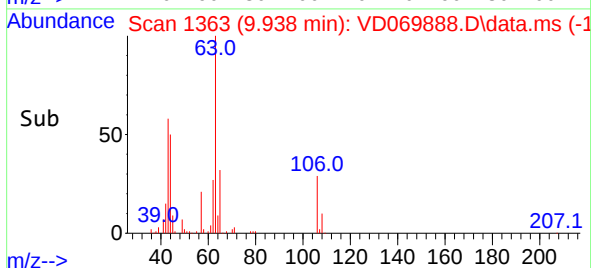
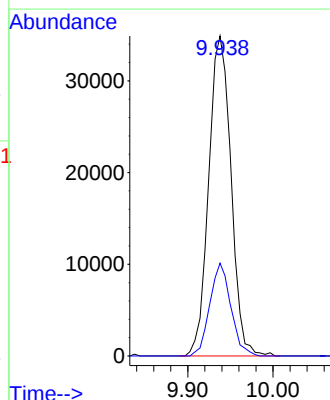
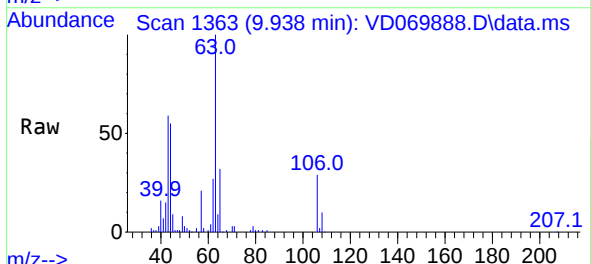
Manual Integrations
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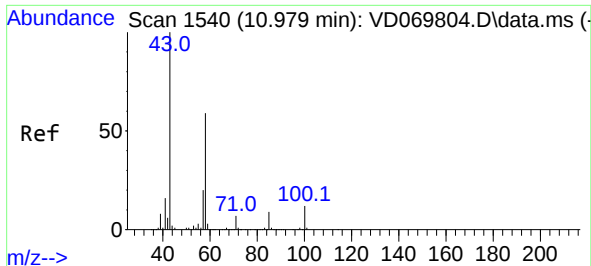
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#58
2-Chloroethyl Vinyl ether
Concen: 19.764 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion: 63 Resp: 63543
Ion Ratio Lower Upper
63 100
106 27.4 21.8 32.6





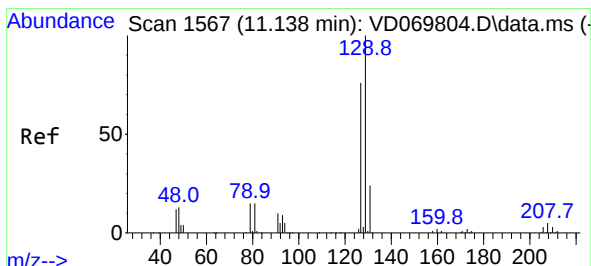
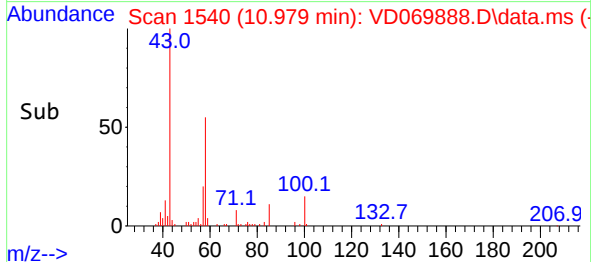
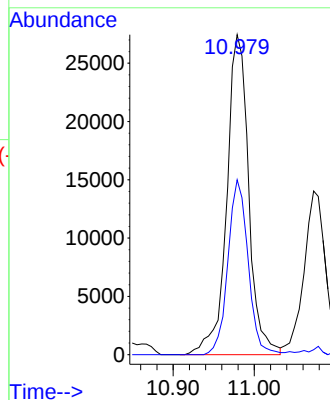
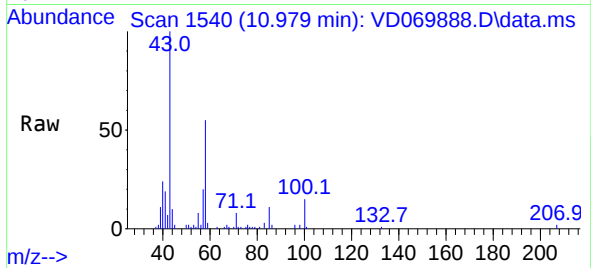
#59
2-Hexanone
Concen: 17.714 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion: 43 Resp: 51651
Ion Ratio Lower Upper
43 100
58 50.2 29.4 88.3

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

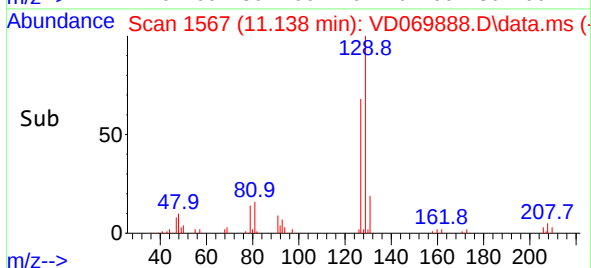
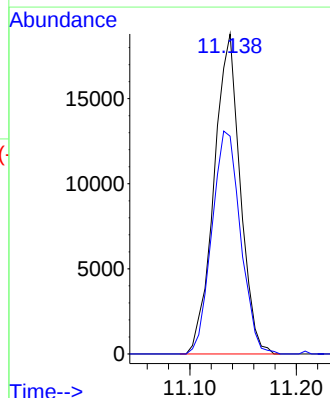
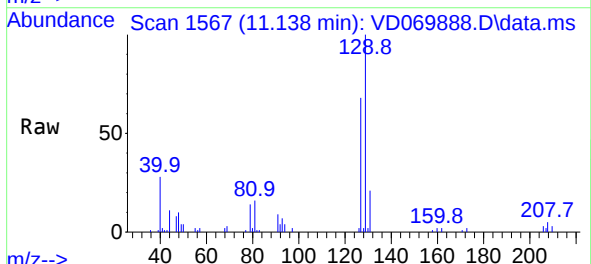
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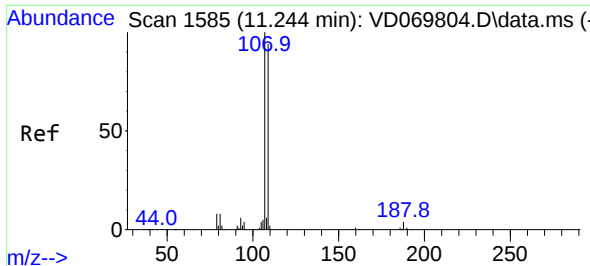
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#60
Dibromochloromethane
Concen: 4.132 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion: 129 Resp: 32079
Ion Ratio Lower Upper
129 100
127 76.0 38.7 116.1





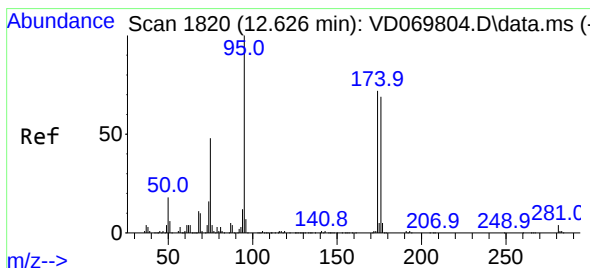
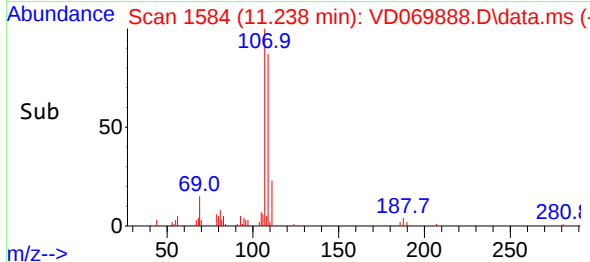
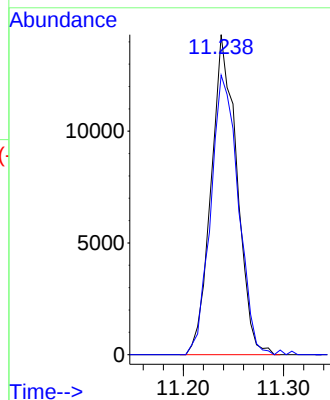
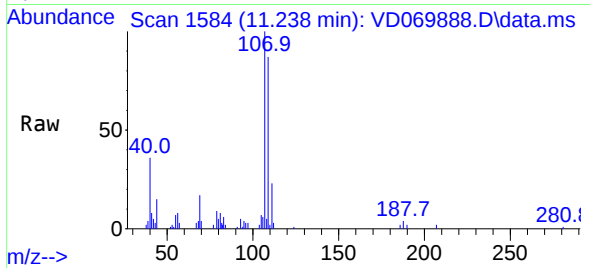
#61
1,2-Dibromoethane
Concen: 4.130 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion:107 Resp: 25488
Ion Ratio Lower Upper
107 100
109 93.8 74.5 111.7

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

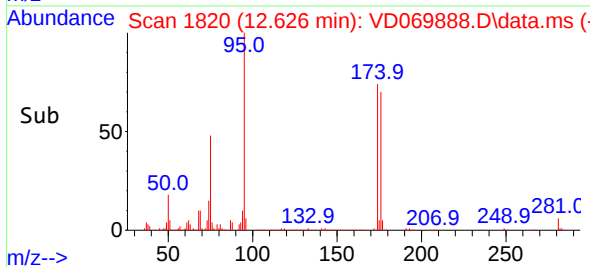
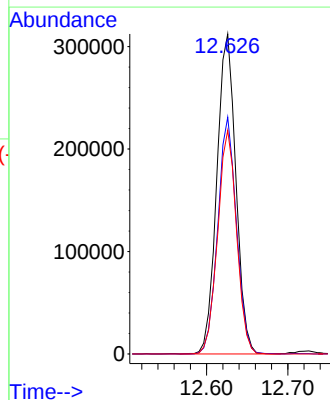
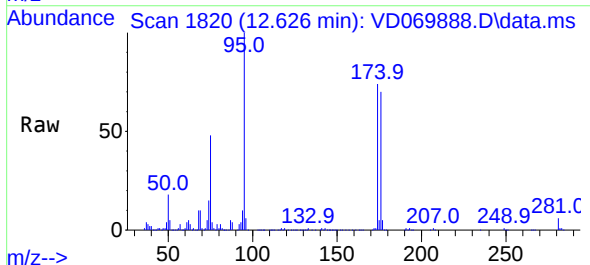
Manual Integrations
APPROVED

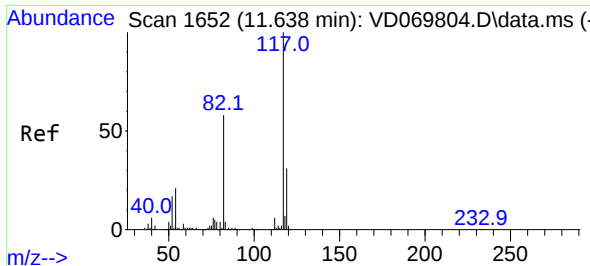
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#62
4-Bromofluorobenzene
Concen: 52.135 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

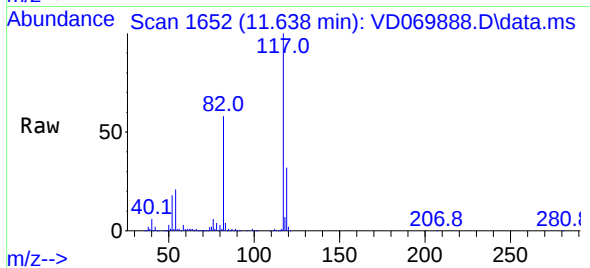
Tgt Ion: 95 Resp: 509204
Ion Ratio Lower Upper
95 100
174 72.8 0.0 142.6
176 69.2 0.0 134.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

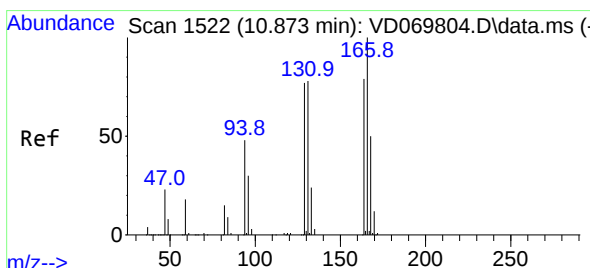
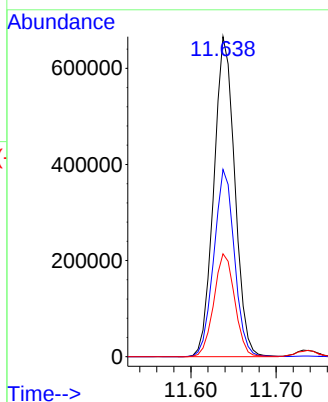
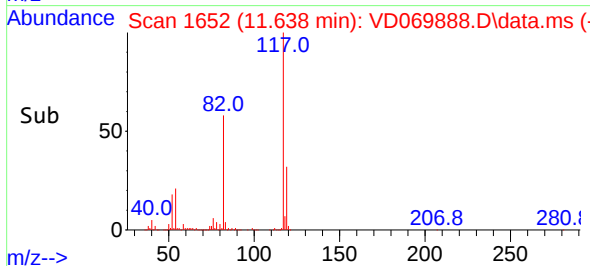
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021



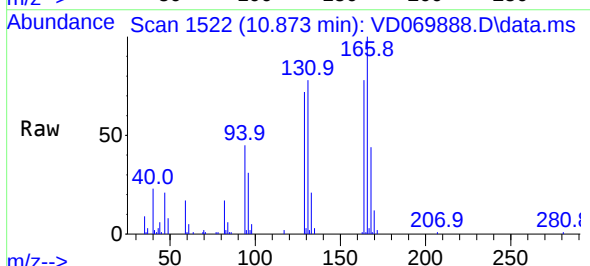
Tgt Ion:117 Resp: 1136847
Ion Ratio Lower Upper
117 100
82 58.5 46.3 69.5
119 32.1 24.7 37.1

Manual Integrations
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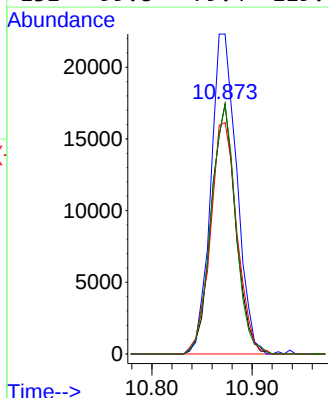
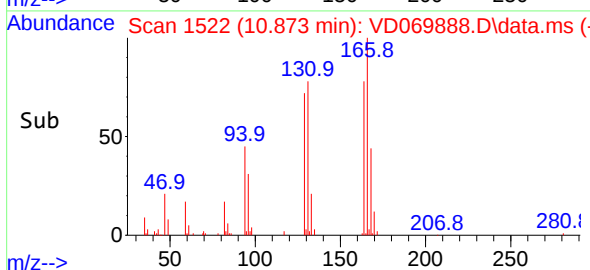
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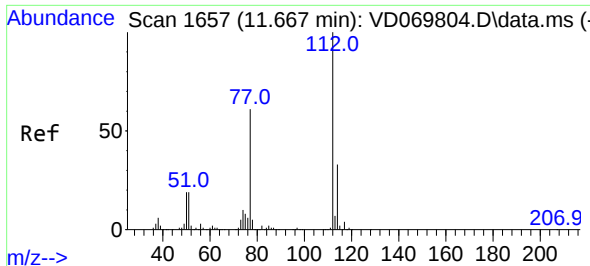


#64
Tetrachloroethene
Concen: 4.065 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



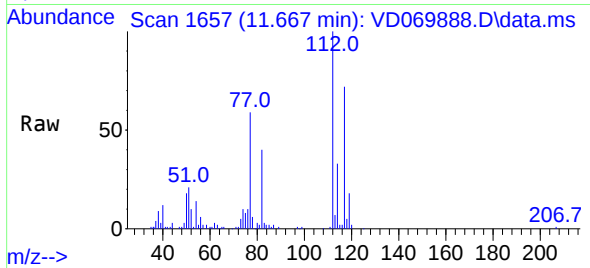
Tgt Ion:164 Resp: 29461
Ion Ratio Lower Upper
164 100
166 127.9 101.8 152.8
129 92.5 78.8 118.2
131 99.8 79.4 119.0





#65
Chlorobenzene
Concen: 4.008 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

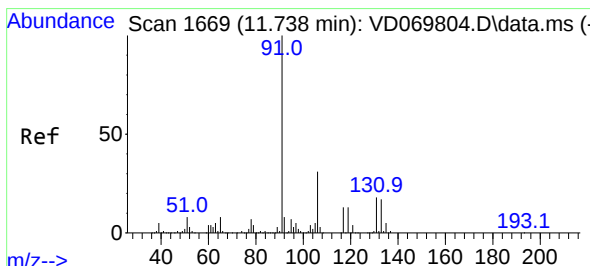
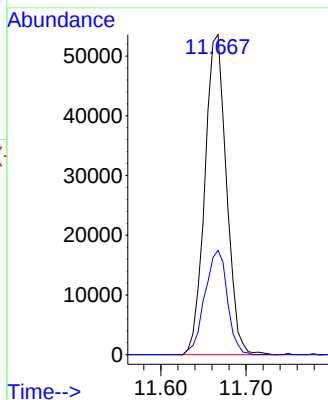
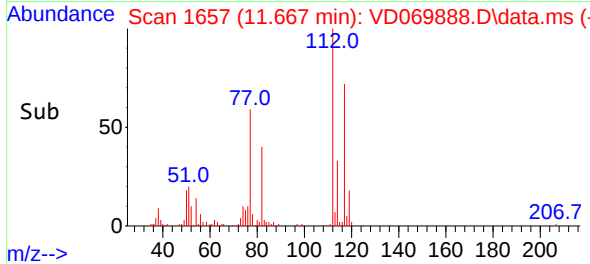
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021



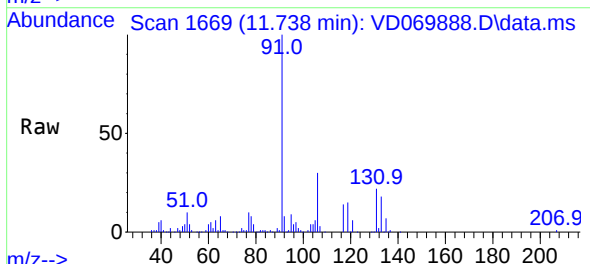
Tgt Ion:112 Resp: 94391
Ion Ratio Lower Upper
112 100
114 32.6 26.5 39.7

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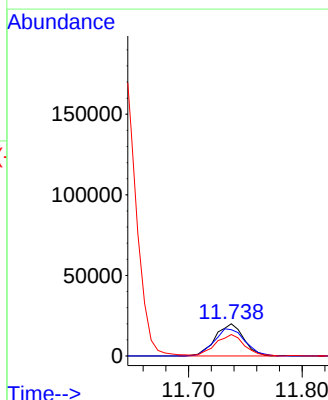
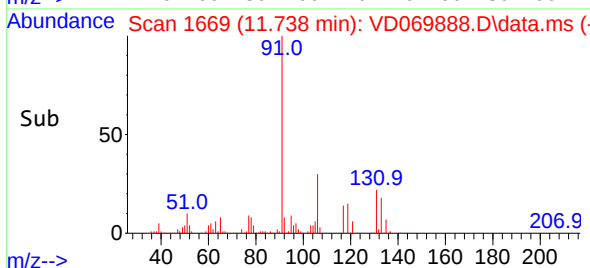
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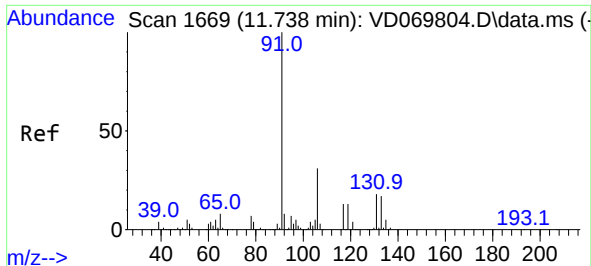


#66
1,1,1,2-Tetrachloroethane
Concen: 4.082 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



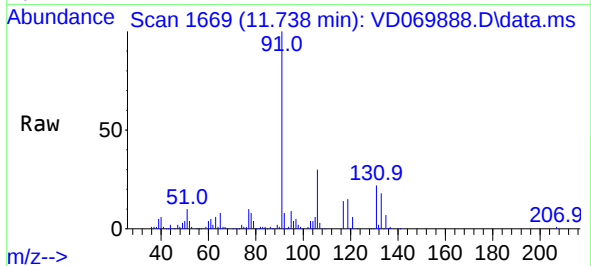
Tgt Ion:131 Resp: 34587
Ion Ratio Lower Upper
131 100
133 91.9 46.4 139.1
119 67.2 34.2 102.5





#67
Ethyl Benzene
Concen: 3.661 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

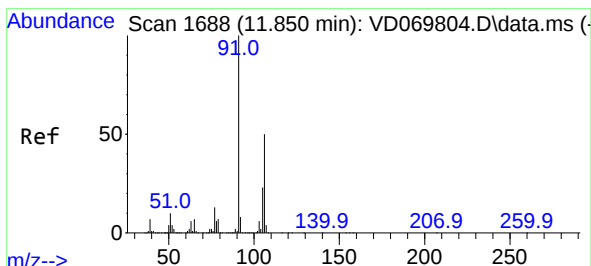
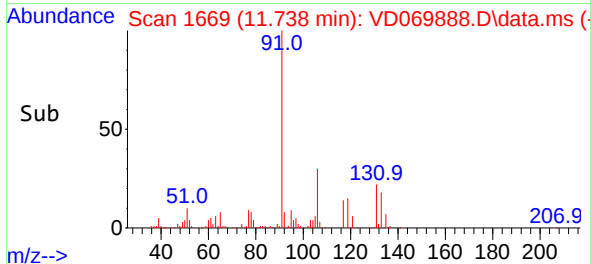
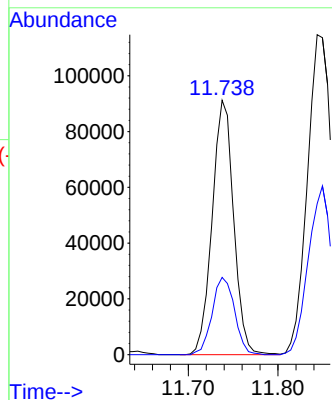
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021



Tgt Ion: 91 Resp: 151815
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

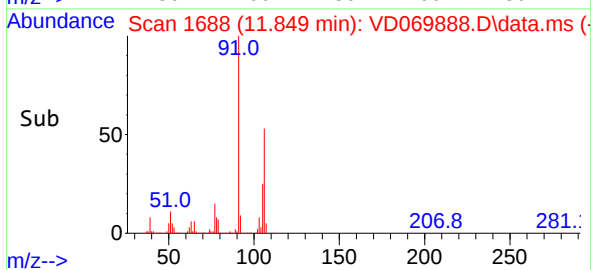
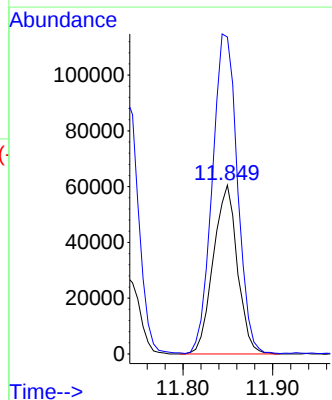
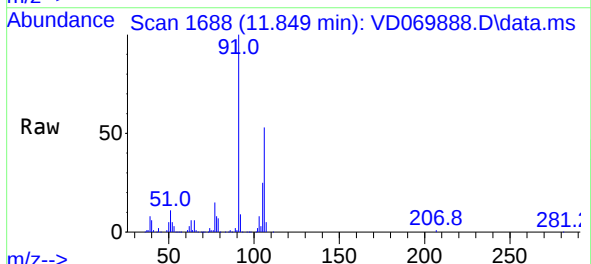
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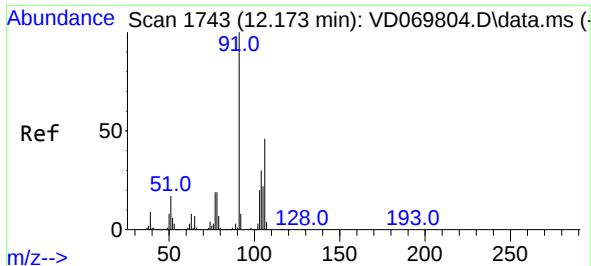
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#68
m/p-Xylenes
Concen: 7.014 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion: 106 Resp: 112749
Ion Ratio Lower Upper
106 100
91 197.1 162.4 243.6





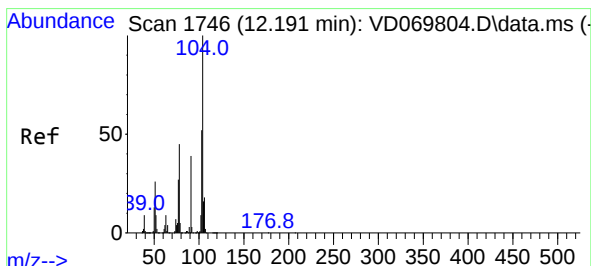
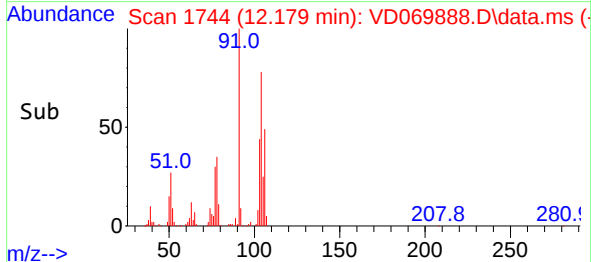
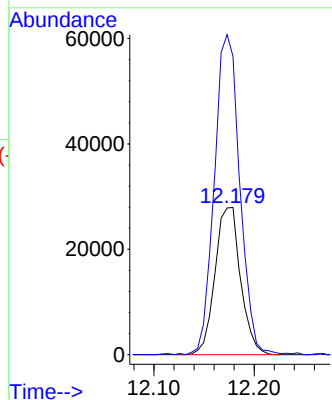
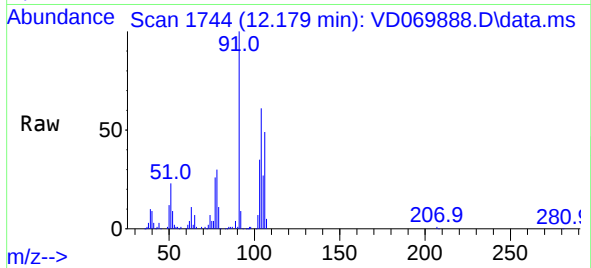
#69
o-Xylene
Concen: 3.387 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion:106 Resp: 49496
Ion Ratio Lower Upper
106 100
91 216.8 107.6 322.8

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

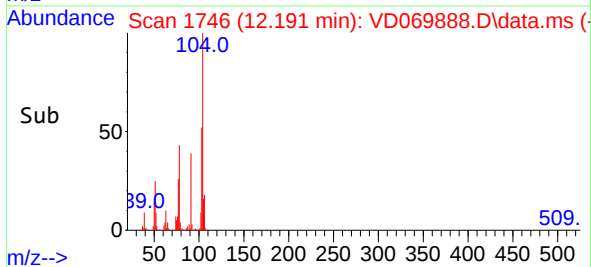
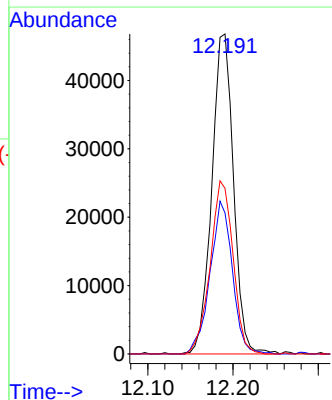
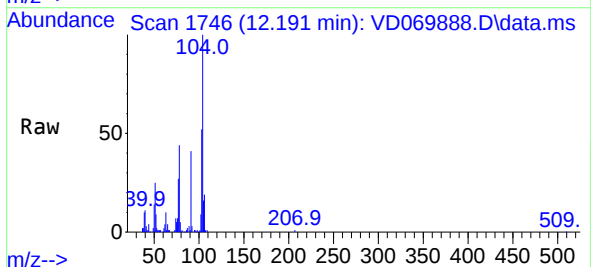
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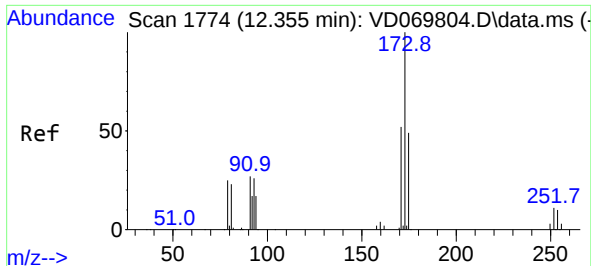
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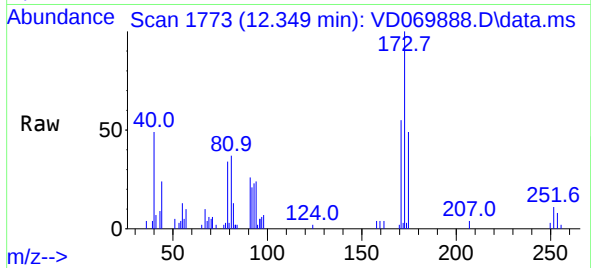
#70
Styrene
Concen: 3.269 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion:104 Resp: 82778
Ion Ratio Lower Upper
104 100
78 49.1 39.7 59.5
103 57.0 44.0 66.0

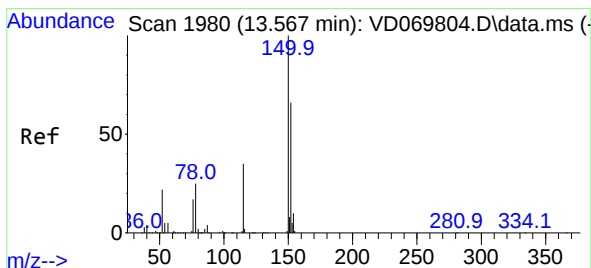
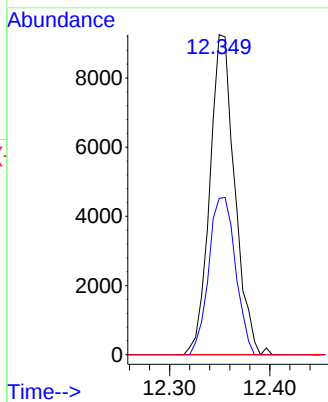
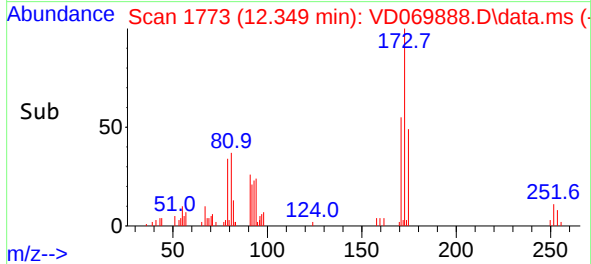




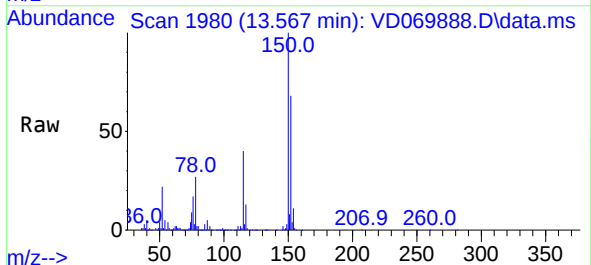
#71
Bromoform
Concen: 3.897 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



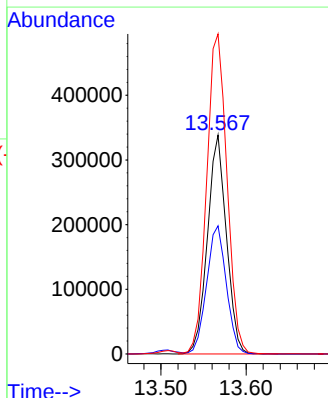
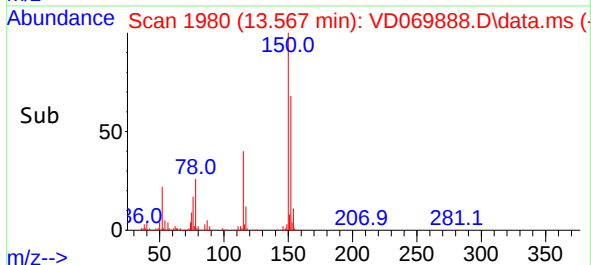
Tgt Ion:173 Resp: 16037
Ion Ratio Lower Upper
173 100
175 52.5 24.1 72.3
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



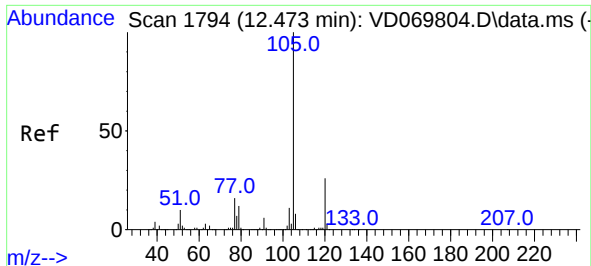
Tgt Ion:152 Resp: 523157
Ion Ratio Lower Upper
152 100
115 61.0 31.1 93.3
150 156.2 0.0 343.0



Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

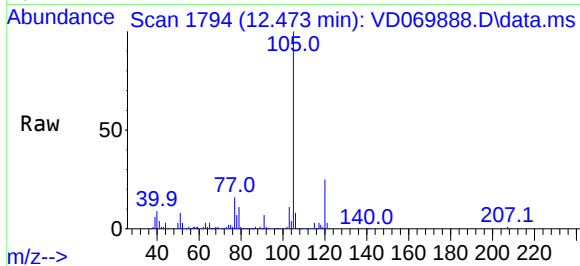
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#73
Isopropylbenzene
Concen: 3.376 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

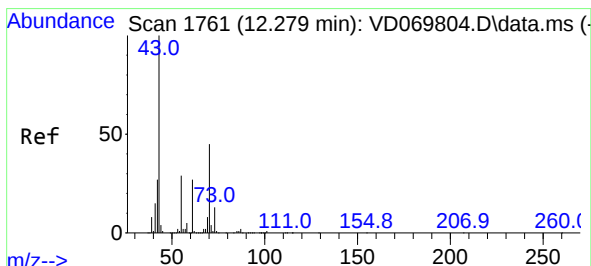
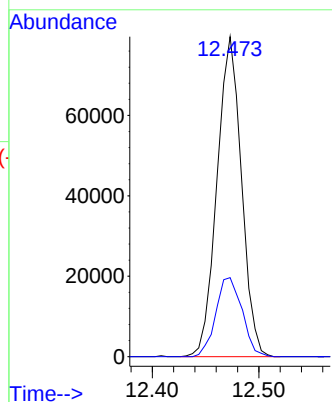
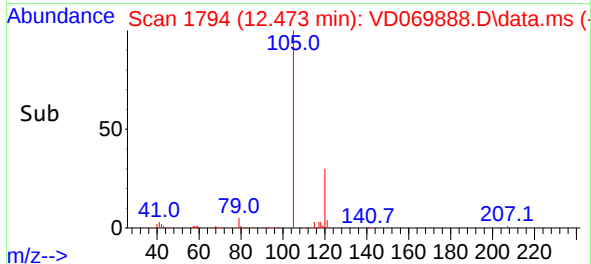
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021



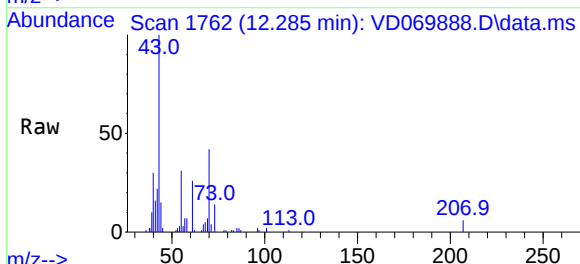
Tgt Ion: 105 Resp: 126911
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9

Manual Integrations
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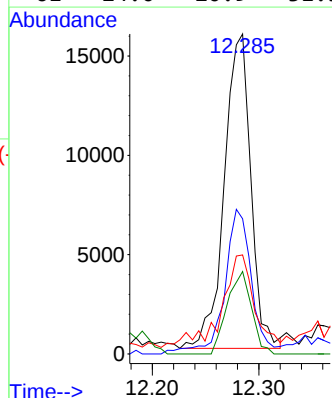
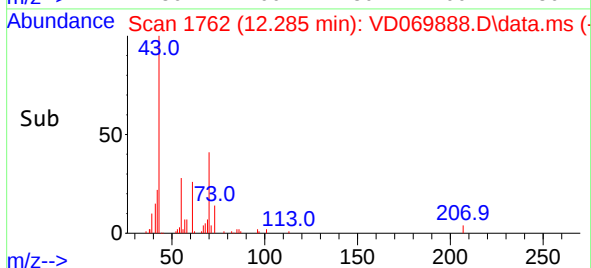
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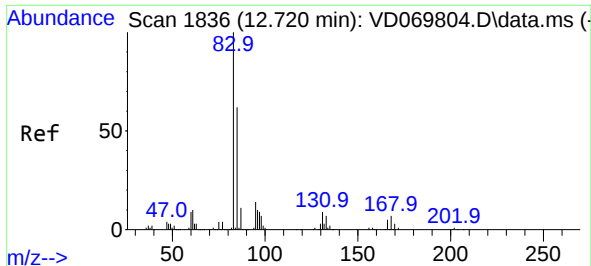


#74
N-ethyl acetate
Concen: 3.552 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



Tgt Ion: 43 Resp: 27466
Ion Ratio Lower Upper
43 100
70 46.7 37.9 56.9
55 29.4 23.7 35.5
61 24.0 20.9 31.3





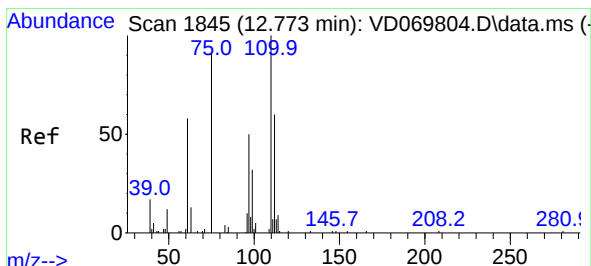
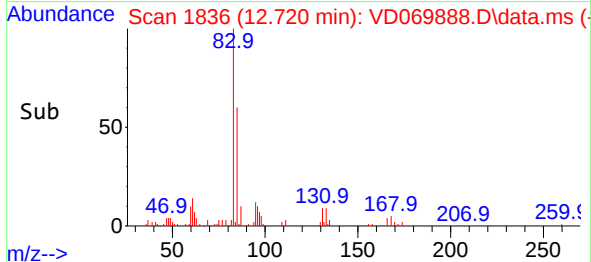
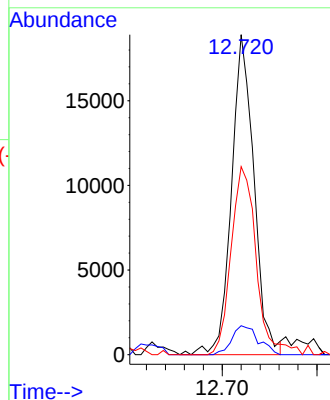
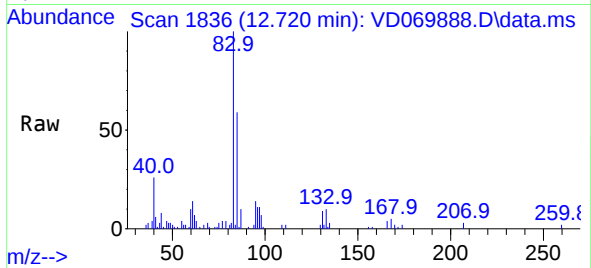
#75
1,1,2,2-Tetrachloroethane
Concen: 4.141 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.7	4.9	14.6
85	65.7	31.8	95.4

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

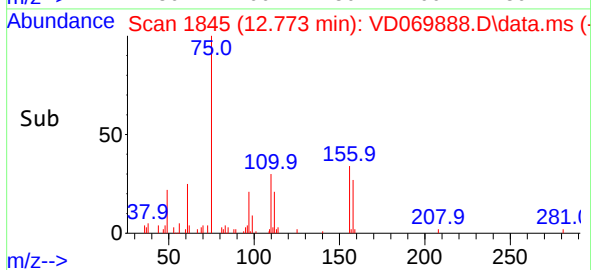
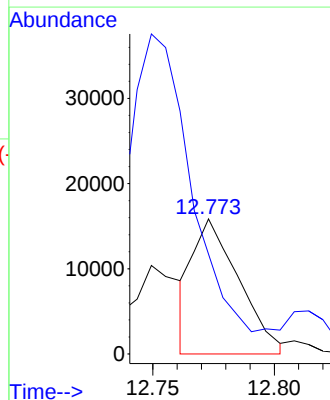
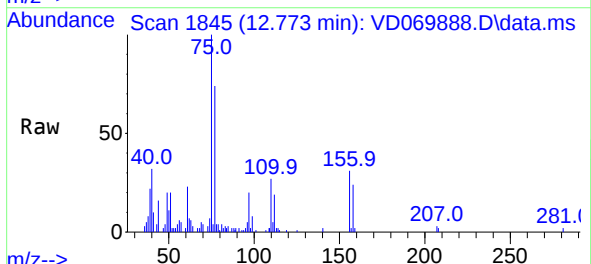
Manual Integrations
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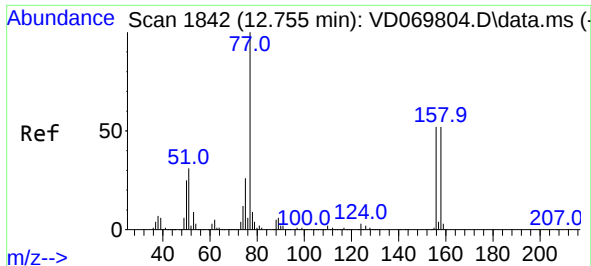
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#76
1,2,3-Trichloropropane
Concen: 3.768 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

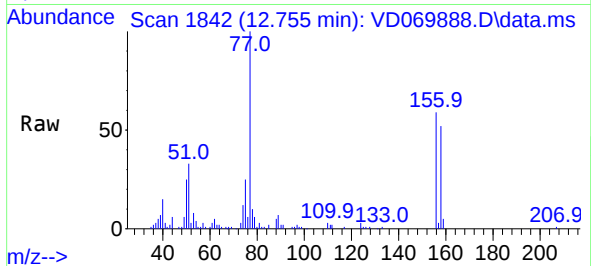
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	181.5	544.5#





#77
Bromobenzene
Concen: 4.058 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

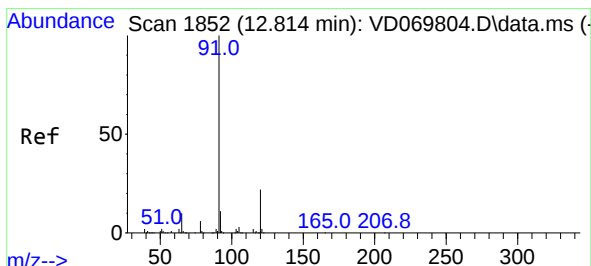
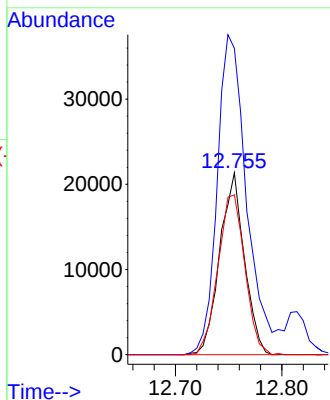
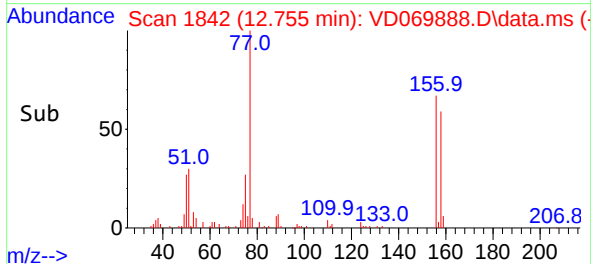
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021



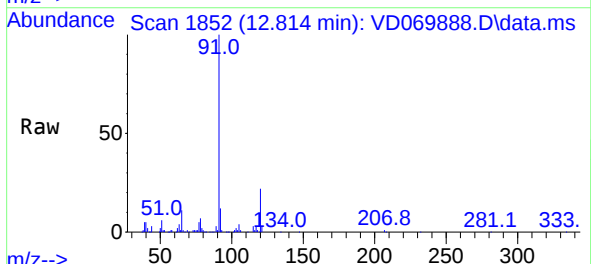
Tgt Ion:156 Resp: 34359
Ion Ratio Lower Upper
156 100
77 212.9 107.1 321.3
158 95.9 48.1 144.3

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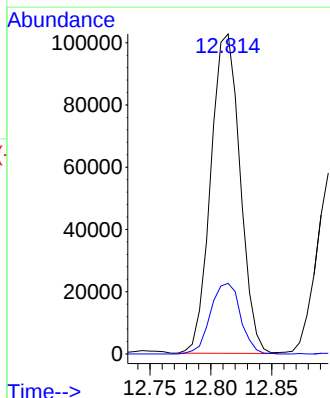
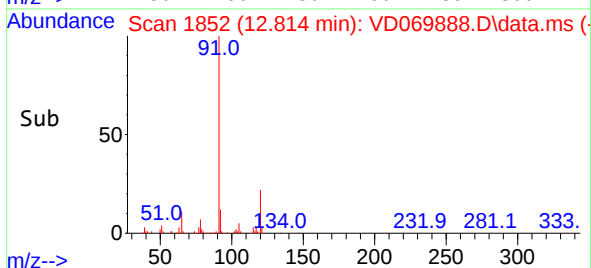
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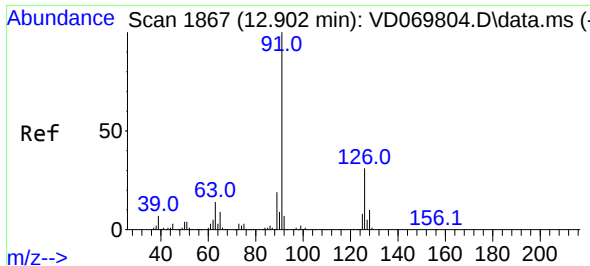


#78
n-propylbenzene
Concen: 3.562 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



Tgt Ion: 91 Resp: 171962
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.7





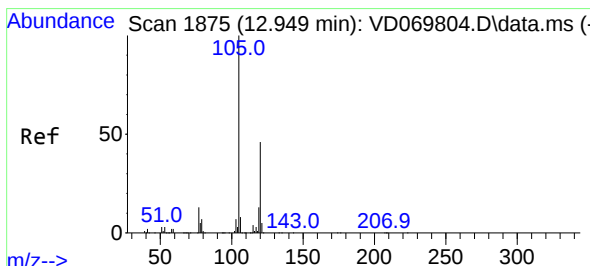
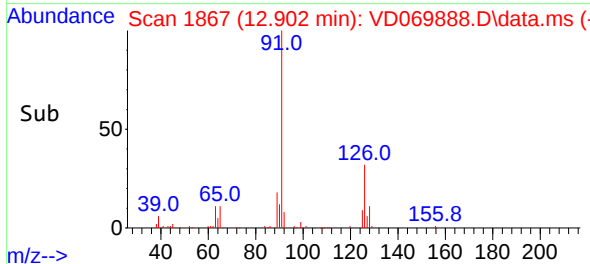
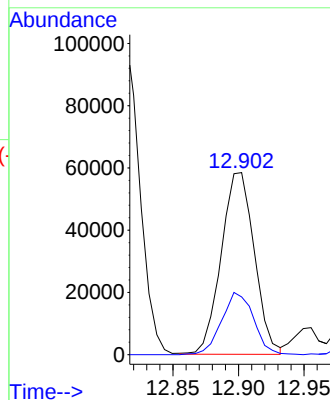
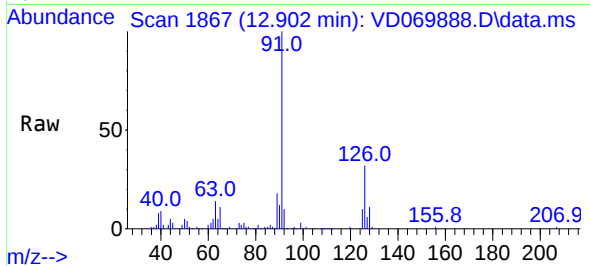
#79
2-Chlorotoluene
Concen: 3.663 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion: 91 Resp: 102732
Ion Ratio Lower Upper
91 100
126 33.1 15.9 47.7

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

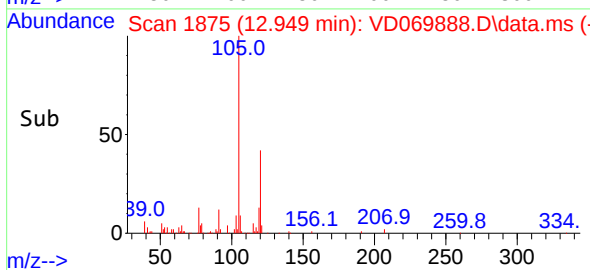
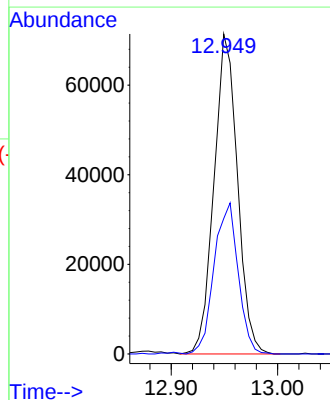
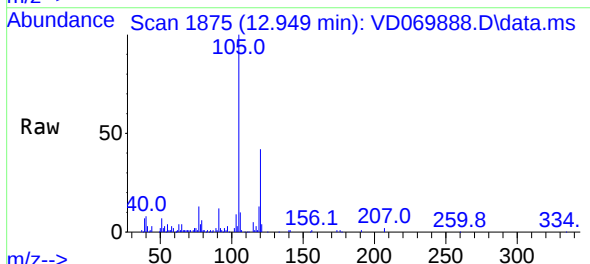
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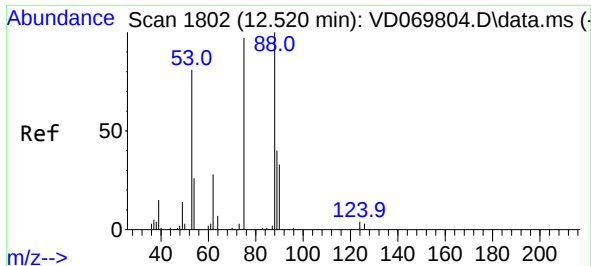
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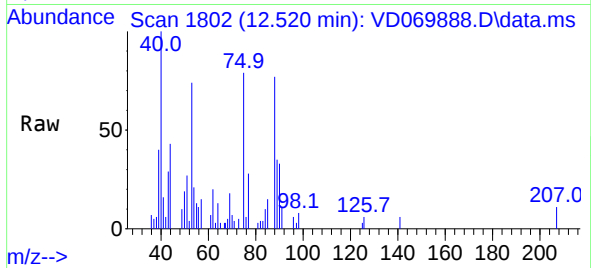
#80
1,3,5-Trimethylbenzene
Concen: 3.392 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion: 105 Resp: 109060
Ion Ratio Lower Upper
105 100
120 48.4 23.8 71.2

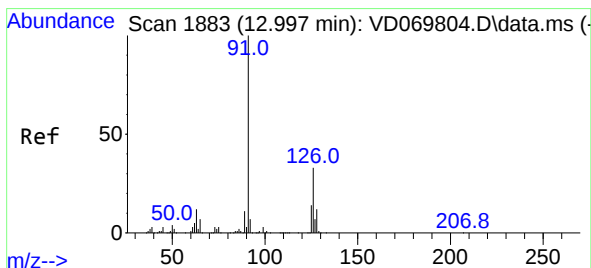
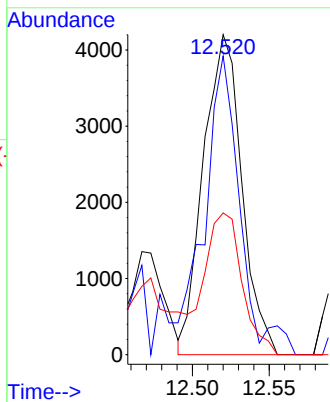
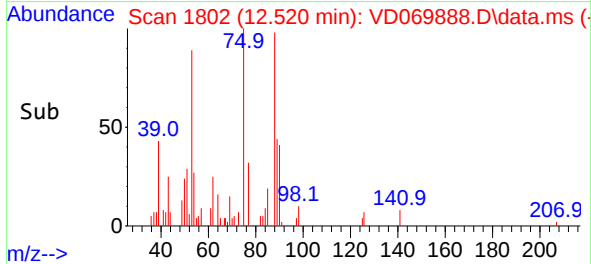




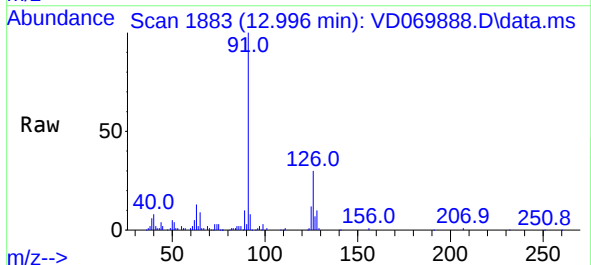
#81
trans-1,4-Dichloro-2-butene
Concen: 3.989 ug/l m
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



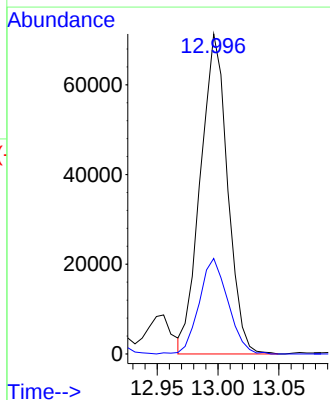
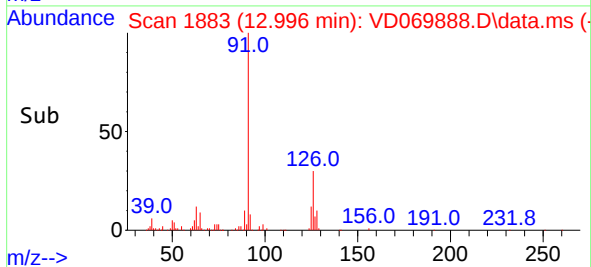
Tgt Ion: 75 Resp: 7311
Ion Ratio Lower Upper
75 100
53 7.0 67.2 100.8#
89 2.8 35.8 53.6#



#82
4-Chlorotoluene
Concen: 3.775 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



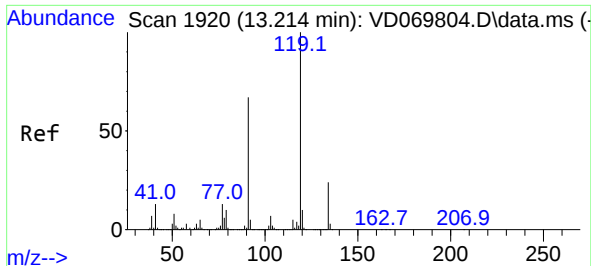
Tgt Ion: 91 Resp: 110676
Ion Ratio Lower Upper
91 100
126 31.6 15.9 47.6



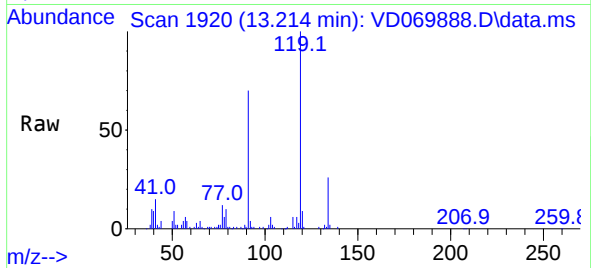
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

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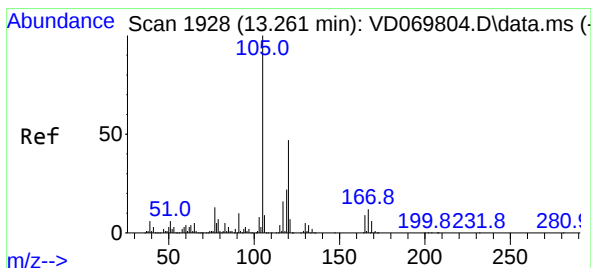
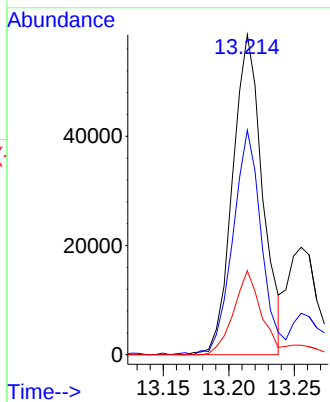
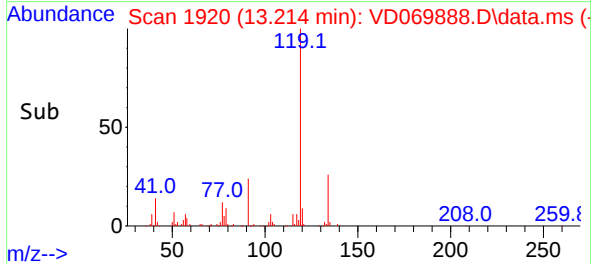
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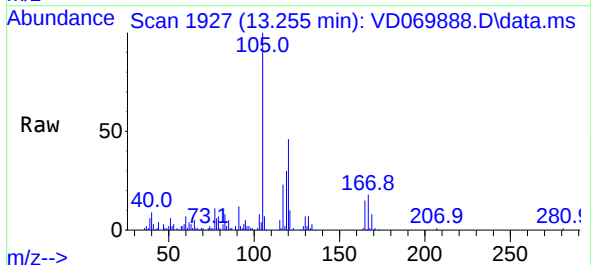
#83
tert-Butylbenzene
Concen: 3.556 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



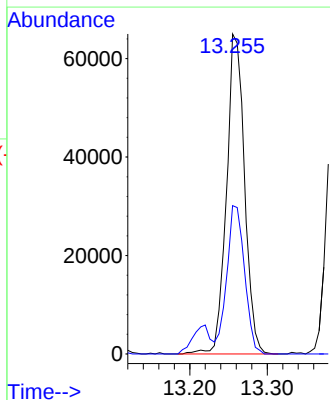
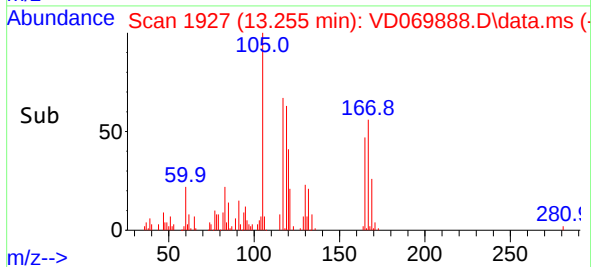
Tgt Ion:119 Resp: 92972
Ion Ratio Lower Upper
119 100
91 67.3 33.7 101.1
134 24.5 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 3.328 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



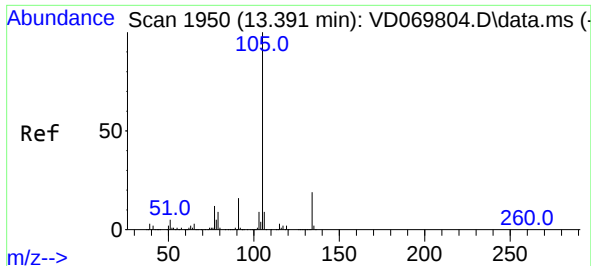
Tgt Ion:105 Resp: 105581
Ion Ratio Lower Upper
105 100
120 45.6 22.6 67.8



Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations
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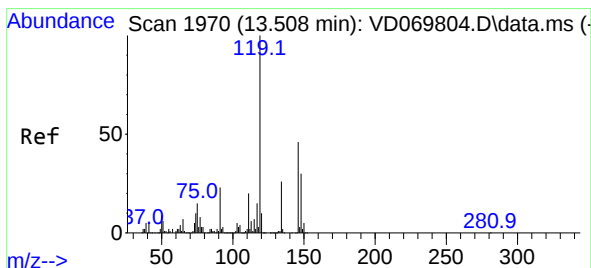
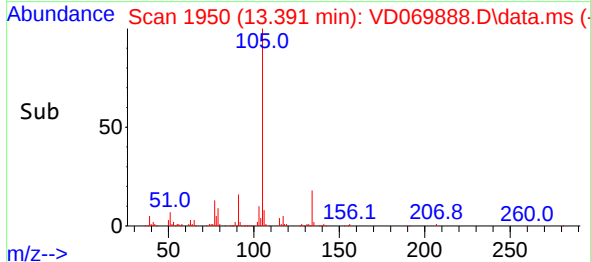
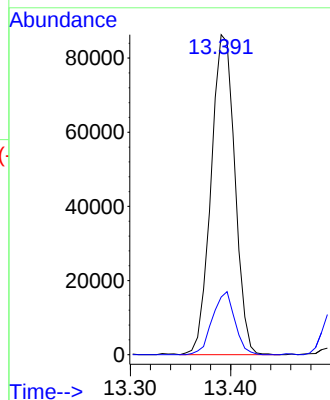
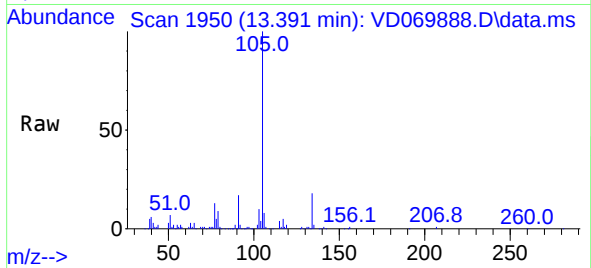
#85
 sec-Butylbenzene
 Concen: 3.447 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD069888.D
 Acq: 28 Jul 2021 14:56

Tgt Ion:105 Resp: 142469
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.6 28.6

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

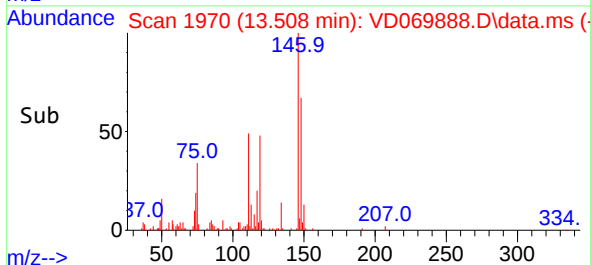
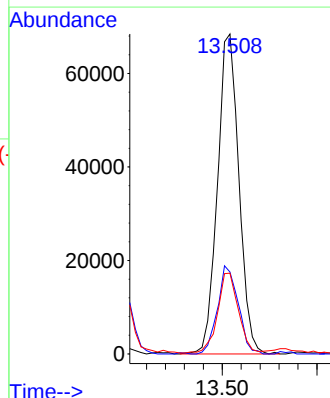
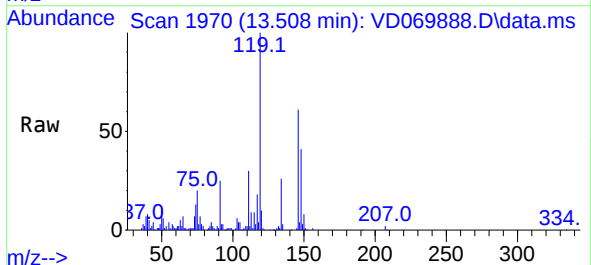
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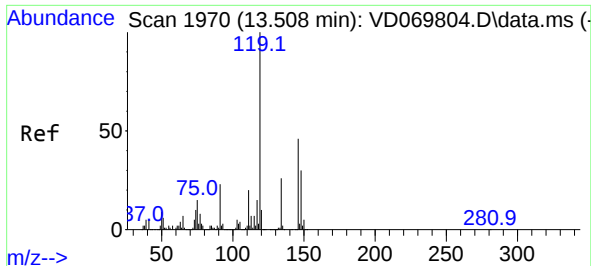
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#86
 p-Isopropyltoluene
 Concen: 3.209 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.000 min
 Lab File: VD069888.D
 Acq: 28 Jul 2021 14:56

Tgt Ion:119 Resp: 107754
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.6 37.8
 91 24.3 11.7 35.1





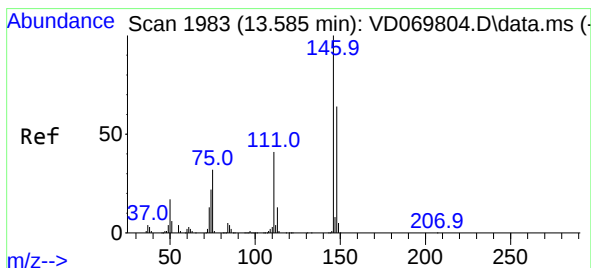
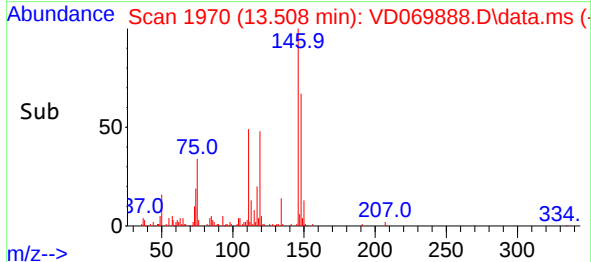
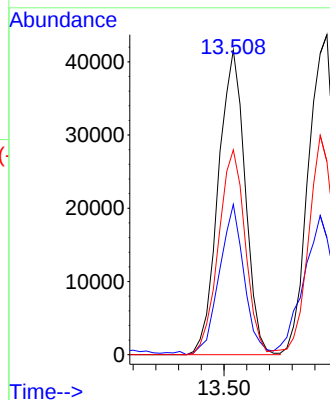
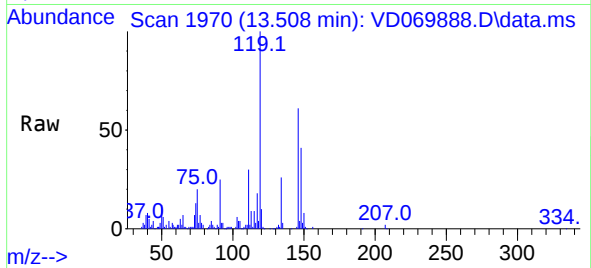
#87
1,3-Dichlorobenzene
Concen: 3.830 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion:146 Resp: 68072
Ion Ratio Lower Upper
146 100
111 45.8 21.7 65.1
148 67.5 32.1 96.3

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

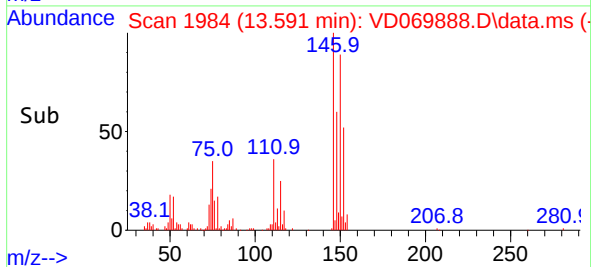
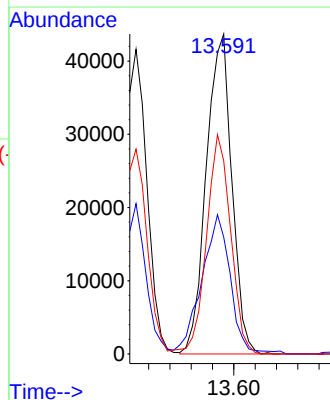
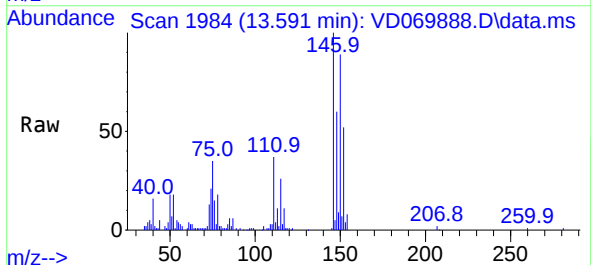
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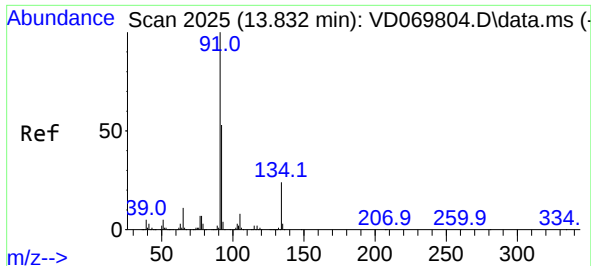
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#88
1,4-Dichlorobenzene
Concen: 4.117 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

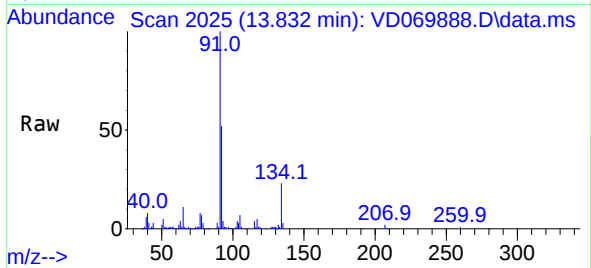
Tgt Ion:146 Resp: 72933
Ion Ratio Lower Upper
146 100
111 48.7 20.8 62.4
148 64.8 31.6 95.0





#89
n-Butylbenzene
Concen: 3.392 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

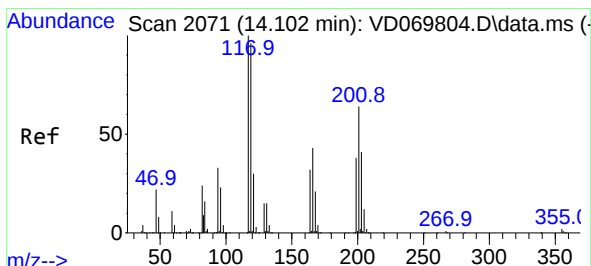
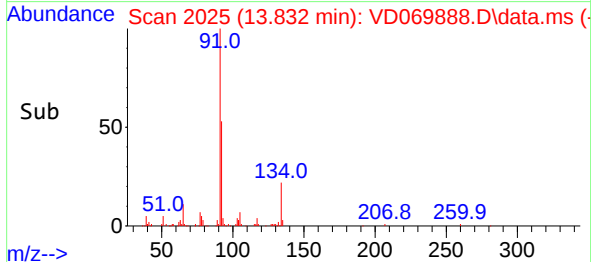
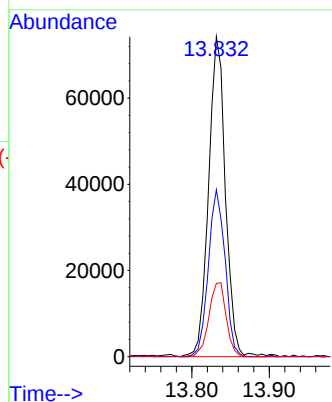
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021



Tgt Ion: 91 Resp: 112406
Ion Ratio Lower Upper
91 100
92 51.4 26.6 79.7
134 23.8 11.9 35.7

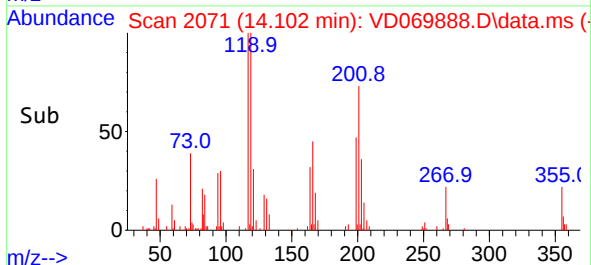
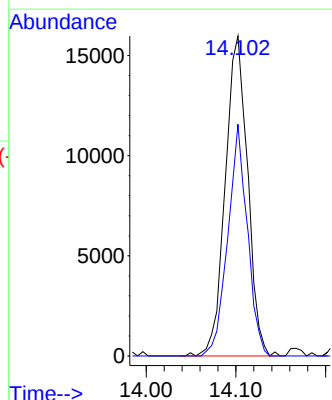
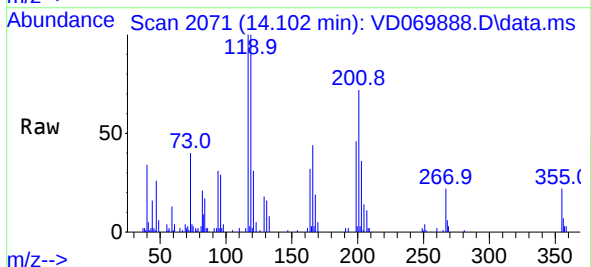
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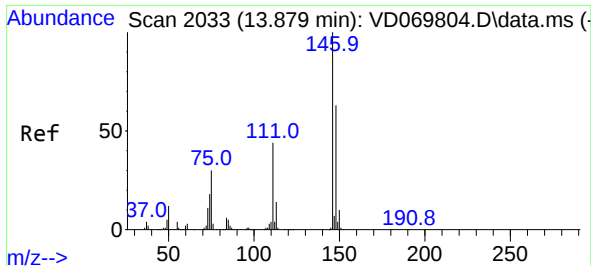
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#90
Hexachloroethane
Concen: 3.887 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion: 117 Resp: 27644
Ion Ratio Lower Upper
117 100
201 63.3 31.9 95.5





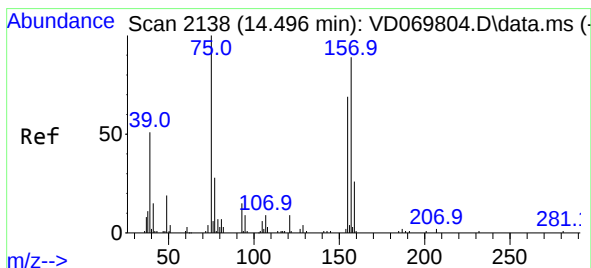
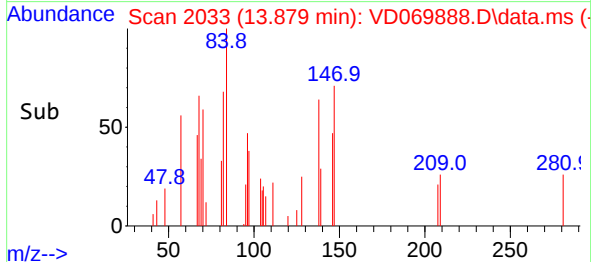
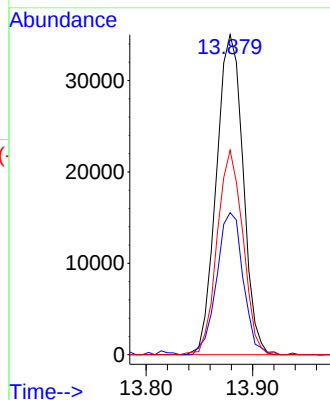
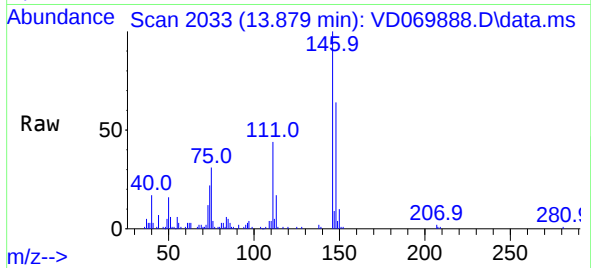
#91
1,2-Dichlorobenzene
Concen: 3.966 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion: 146 Resp: 60843
Ion Ratio Lower Upper
146 100
111 44.2 21.7 65.1
148 61.8 31.2 93.6

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

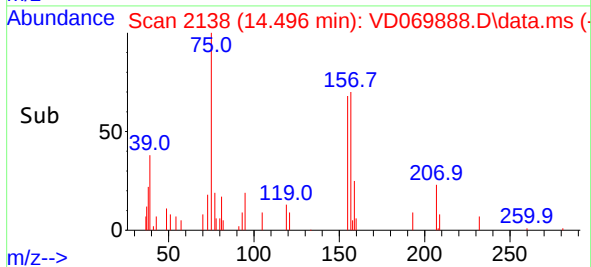
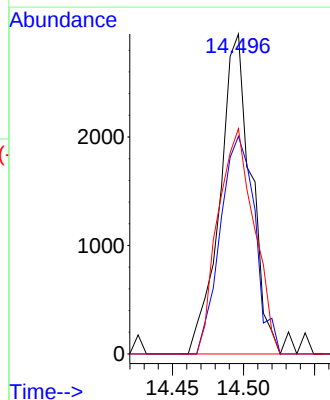
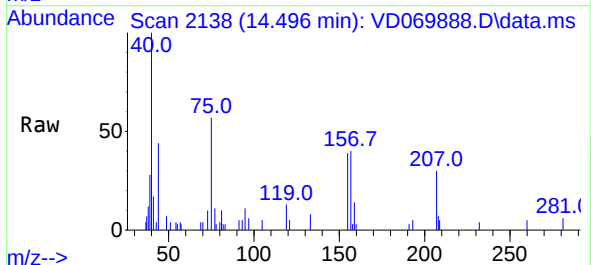
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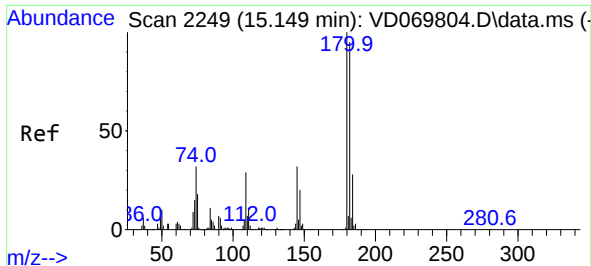
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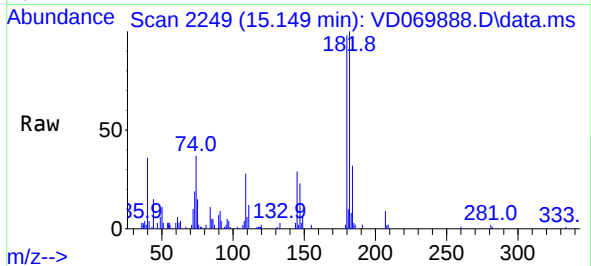
#92
1,2-Dibromo-3-Chloropropane
Concen: 4.166 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

Tgt Ion: 75 Resp: 4503
Ion Ratio Lower Upper
75 100
155 75.9 36.3 108.9
157 81.6 47.0 141.0



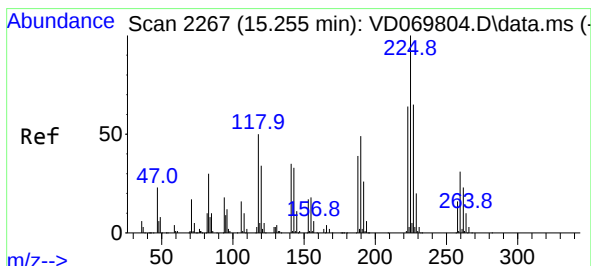
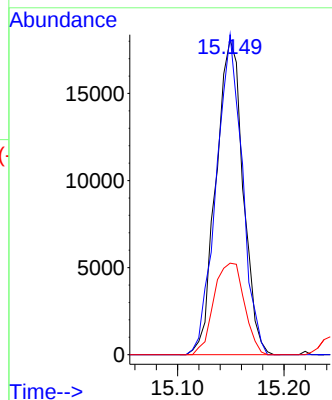
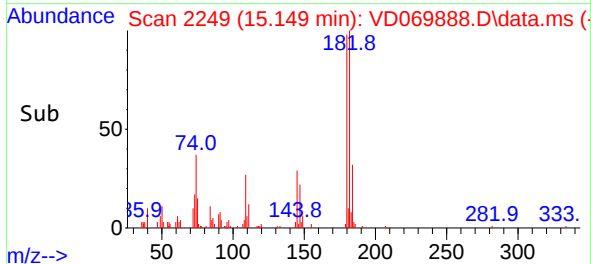


#93
1,2,4-Trichlorobenzene
Concen: 3.863 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56

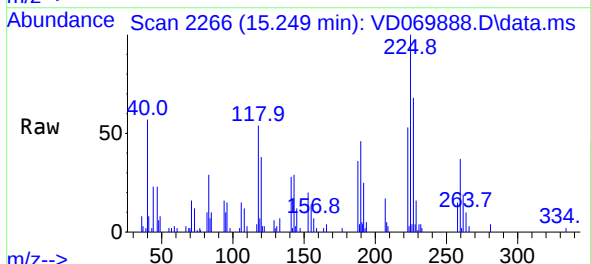


Tgt Ion:180 Resp: 31973

Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.6	142.9
145	32.6	16.4	49.2

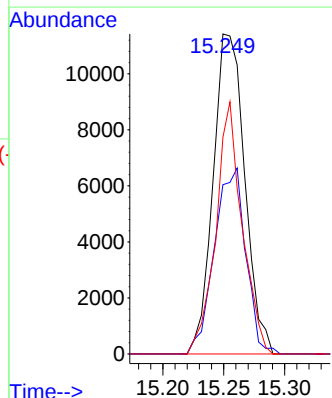
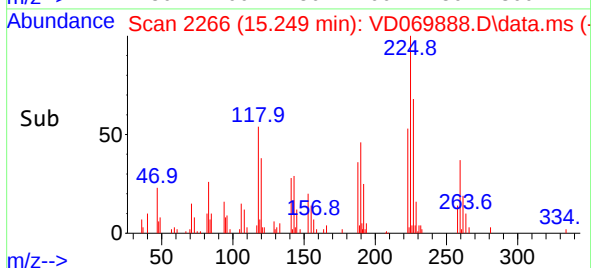


#94
Hexachlorobutadiene
Concen: 4.075 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



Tgt Ion:225 Resp: 20635

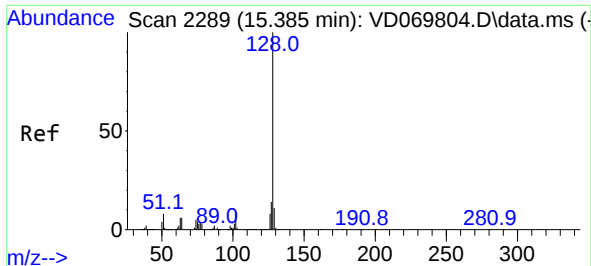
Ion	Ratio	Lower	Upper
225	100		
223	57.5	31.5	94.5
227	65.7	31.9	95.7



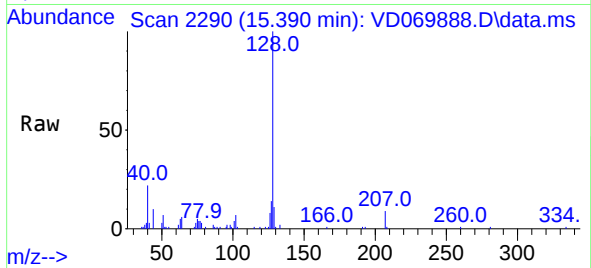
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations
APPROVED

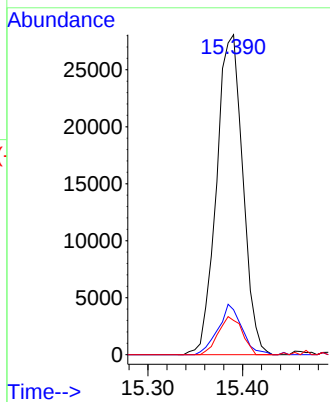
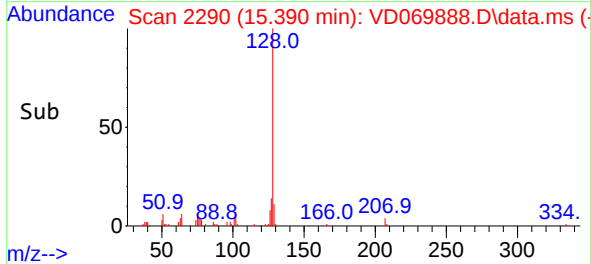
MMDadoda
7/29/2021 4:11:45 PM



#95
Naphthalene
Concen: 3.669 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.005 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



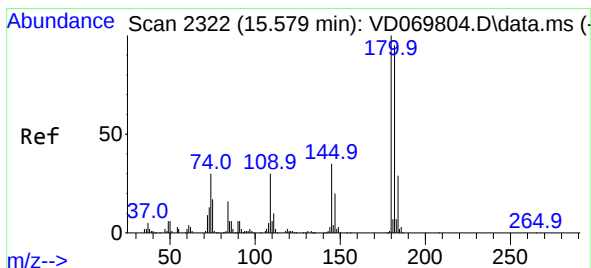
Tgt Ion:128 Resp: 54208
Ion Ratio Lower Upper
128 100
127 14.3 10.6 16.0
129 10.8 8.6 12.8



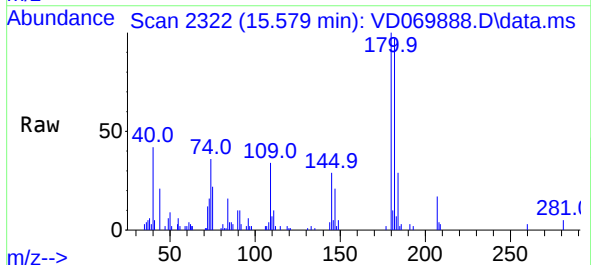
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations
APPROVED

MMDadoda
7/29/2021 4:11:45 PM



#96
1,2,3-Trichlorobenzene
Concen: 3.862 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD069888.D
Acq: 28 Jul 2021 14:56



Tgt Ion:180 Resp: 27644
Ion Ratio Lower Upper
180 100
182 97.5 47.3 142.0
145 39.3 17.3 51.9

