

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
 Data File : VD069825.D
 Acq On : 23 Jul 2021 13:29
 Operator : VA/SY
 Sample : M2940-01 2.5PPBLOD
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
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Quant Time: Jul 24 02:17:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 24 02:17:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	555418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1047480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	967103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	421749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	349729	54.749	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.500%
35) Dibromofluoromethane	7.914	113	341940	51.783	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.560%
50) Toluene-d8	10.338	98	1274612	50.059	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.120%
62) 4-Bromofluorobenzene	12.626	95	397998	46.771	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.540%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	16886	2.888	ug/l	96
3) Chloromethane	2.209	50	22310	2.631	ug/l	95
4) Vinyl Chloride	2.350	62	24738	2.773	ug/l	98
5) Bromomethane	2.773	94	19927	3.411	ug/l	89
6) Chloroethane	2.920	64	15634	2.704	ug/l	99
7) Trichlorofluoromethane	3.273	101	33339	3.028	ug/l	93
8) Diethyl Ether	3.720	74	8257	2.666	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	20461	2.926	ug/l	97
10) Methyl Iodide	4.303	142	13546	2.217	ug/l #	96
11) Tert butyl alcohol	5.226	59	7896m	23.889	ug/l	
12) 1,1-Dichloroethene	4.067	96	17919	2.820	ug/l	91
13) Acrolein	3.920	56	4974	10.750	ug/l	96
14) Allyl chloride	4.714	41	23539	2.526	ug/l	97
15) Acrylonitrile	5.414	53	17978	12.339	ug/l	99
16) Acetone	4.167	43	19730	17.098	ug/l	89
17) Carbon Disulfide	4.409	76	62231	2.739	ug/l #	90
18) Methyl Acetate	4.726	43	10180	3.040	ug/l #	74
19) Methyl tert-butyl Ether	5.485	73	30768	2.337	ug/l	95
20) Methylene Chloride	4.961	84	143935	13.695	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	18755	2.505	ug/l	94
22) Diisopropyl ether	6.361	45	41977	2.073	ug/l #	91
23) Vinyl Acetate	6.303	43	96161	9.915	ug/l	96
24) 1,1-Dichloroethane	6.261	63	38279	2.737	ug/l	97
25) 2-Butanone	7.214	43	19499	12.460	ug/l	99
26) 2,2-Dichloropropane	7.208	77	28681	2.697	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	20358	2.548	ug/l	98
28) Bromochloromethane	7.550	49	13756	2.591	ug/l	93
29) Tetrahydrofuran	7.573	42	10688	10.557	ug/l	94
30) Chloroform	7.714	83	37852	2.692	ug/l	91
31) Cyclohexane	7.985	56	41817	3.350	ug/l #	61
32) 1,1,1-Trichloroethane	7.902	97	31760	2.729	ug/l	99
36) 1,1-Dichloropropene	8.108	75	29603	2.619	ug/l	96
37) Ethyl Acetate	7.297	43	10200	2.479	ug/l #	90
38) Carbon Tetrachloride	8.091	117	28496	2.760	ug/l	84
39) Methylcyclohexane	9.355	83	29836	2.305	ug/l	90
40) Benzene	8.355	78	80159	2.448	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	5389	2.495	ug/l #	80
42) 1,2-Dichloroethane	8.420	62	22209	2.564	ug/l	100
43) Isopropyl Acetate	8.455	43	17545	2.377	ug/l	95
44) Trichloroethene	9.108	130	20620	2.557	ug/l	85
45) 1,2-Dichloropropane	9.385	63	21550	2.505	ug/l	100
46) Dibromomethane	9.473	93	11005	2.603	ug/l	96
47) Bromodichloromethane	9.655	83	27711	2.522	ug/l	87
48) Methyl methacrylate	9.455	41	8456m	2.381	ug/l	
49) 1,4-Dioxane	9.455	88	2387	53.433	ug/l #	87
51) 4-Methyl-2-Pentanone	10.226	43	40998	10.675	ug/l	97
52) Toluene	10.396	92	49959	2.515	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	22337	2.422	ug/l	90
54) cis-1,3-Dichloropropene	10.091	75	27093	2.427	ug/l	97
55) 1,1,2-Trichloroethane	10.796	97	14166	2.372	ug/l #	80
56) Ethyl methacrylate	10.661	69	13240	2.025	ug/l	90
57) 1,3-Dichloropropane	10.943	76	25085	2.482	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.944	63	32588	11.634	ug/l	98
59) 2-Hexanone	10.979	43	28209	11.104	ug/l	94
60) Dibromochloromethane	11.132	129	16645	2.461	ug/l	98
61) 1,2-Dibromoethane	11.238	107	12891	2.397	ug/l	92
64) Tetrachloroethene	10.873	164	16943	2.748	ug/l	95
65) Chlorobenzene	11.667	112	52421	2.616	ug/l #	85
66) 1,1,1,2-Tetrachloroethane	11.738	131	18118	2.514	ug/l	96
67) Ethyl Benzene	11.738	91	80743	2.289	ug/l	98
68) m/p-Xylenes	11.849	106	56163	4.107	ug/l	100
69) o-Xylene	12.173	106	24293	1.954	ug/l	93
70) Styrene	12.190	104	40290	1.870	ug/l	96
71) Bromoform	12.355	173	9215	2.633	ug/l #	100
73) Isopropylbenzene	12.473	105	65366	2.157	ug/l	99
74) N-amyl acetate	12.279	43	13335	2.139	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	16366	2.704	ug/l	94
76) 1,2,3-Trichloropropane	12.773	75	9399m	2.097	ug/l	
77) Bromobenzene	12.755	156	17558	2.573	ug/l	98
78) n-propylbenzene	12.814	91	93685	2.407	ug/l	99
79) 2-Chlorotoluene	12.902	91	53618	2.372	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	55847	2.154	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	3903m	2.641	ug/l	
82) 4-Chlorotoluene	13.002	91	55698	2.357	ug/l	97
83) tert-Butylbenzene	13.214	119	46675	2.215	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	52311	2.046	ug/l	98
85) sec-Butylbenzene	13.396	105	71748	2.153	ug/l	98
86) p-Isopropyltoluene	13.508	119	54744	2.022	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	36588	2.553	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	38927	2.726	ug/l	87
89) n-Butylbenzene	13.832	91	59840	2.240	ug/l	99
90) Hexachloroethane	14.102	117	14623	2.550	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	31871	2.577	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	2742	3.147	ug/l	86
93) 1,2,4-Trichlorobenzene	15.155	180	18421	2.761	ug/l	96
94) Hexachlorobutadiene	15.255	225	11710	2.869	ug/l	98
95) Naphthalene	15.384	128	27740	2.329	ug/l	96
96) 1,2,3-Trichlorobenzene	15.579	180	14138	2.450	ug/l	97

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ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

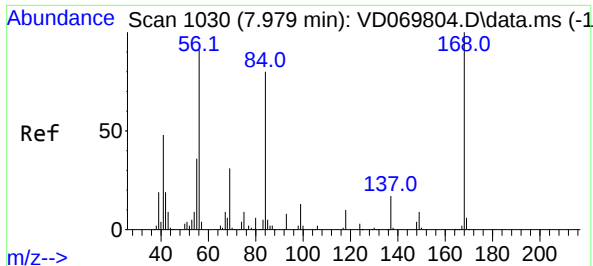
Manual Integrations
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Quant Time: Jul 24 02:17:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 24 02:17:06 2021
Response via : Initial Calibration

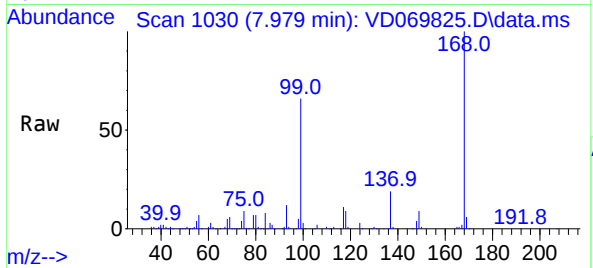
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069825.D
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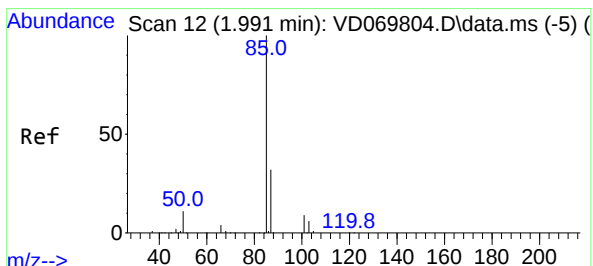
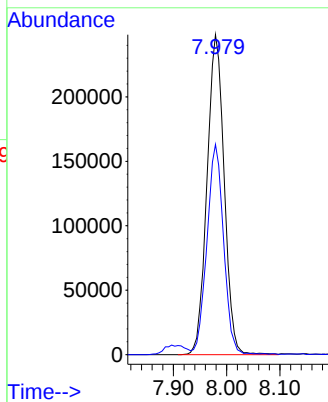
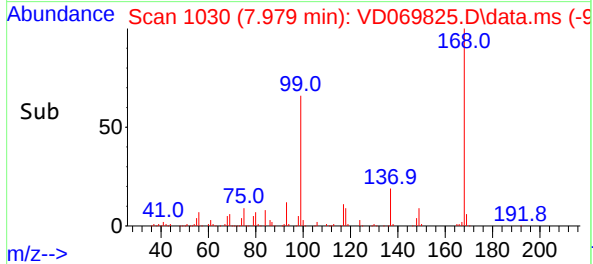
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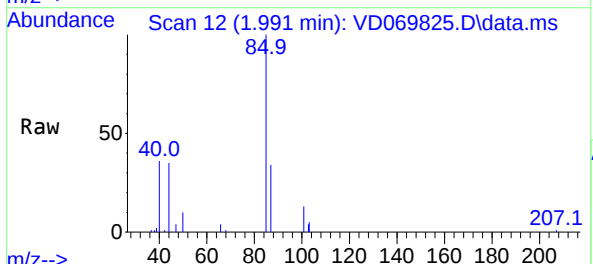
Tgt Ion:168 Resp: 555418
Ion Ratio Lower Upper
168 100
99 65.6 51.1 76.7

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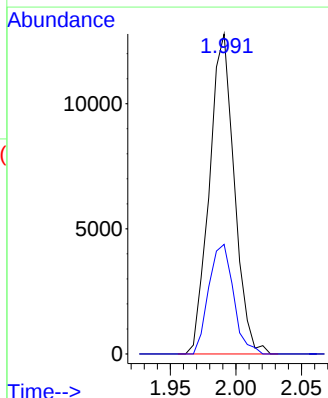
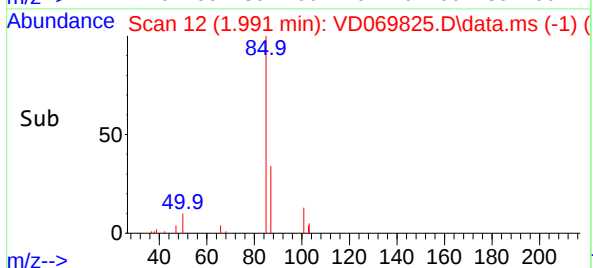
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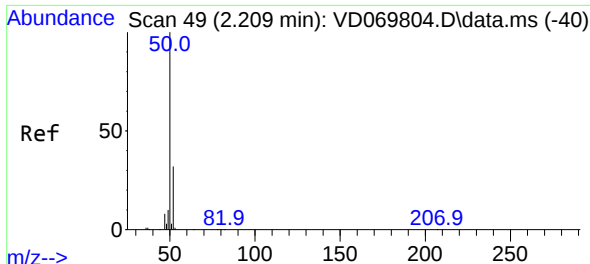


Dichlorodifluoromethane
Concen: 2.888 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



Tgt Ion: 85 Resp: 16886
Ion Ratio Lower Upper
85 100
87 34.2 16.1 48.3





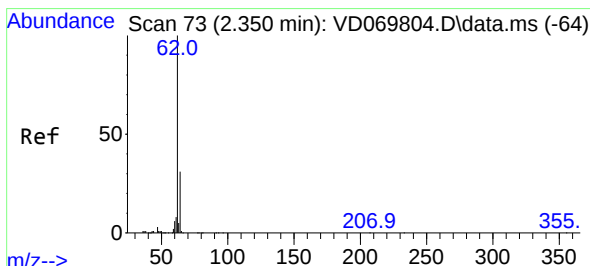
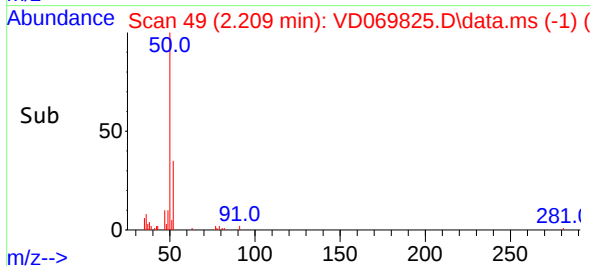
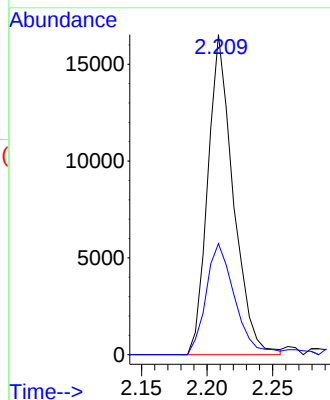
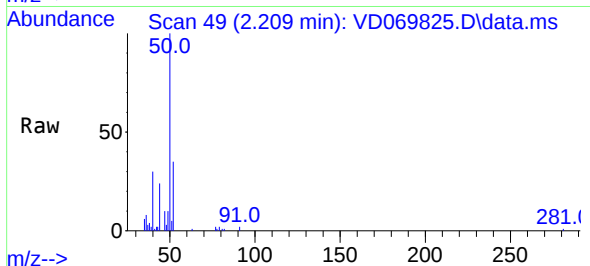
#3
Chloromethane
Concen: 2.631 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 50 Resp: 22310
Ion Ratio Lower Upper
50 100
52 34.7 25.7 38.5

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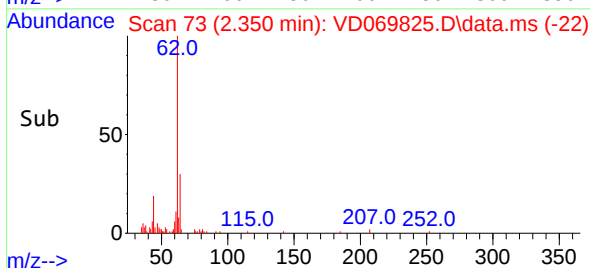
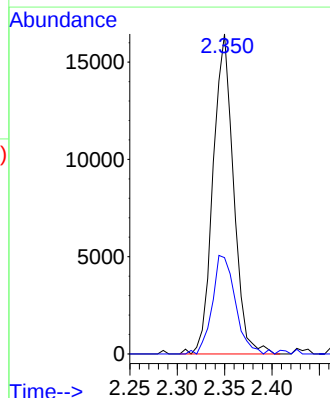
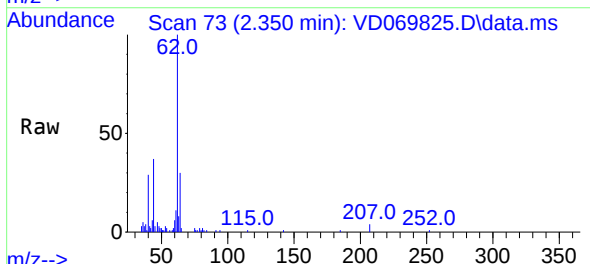
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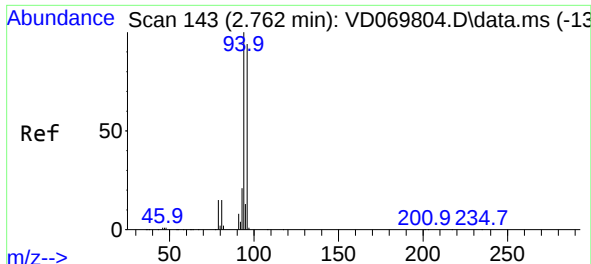
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#4
Vinyl Chloride
Concen: 2.773 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 62 Resp: 24738
Ion Ratio Lower Upper
62 100
64 30.1 25.0 37.4





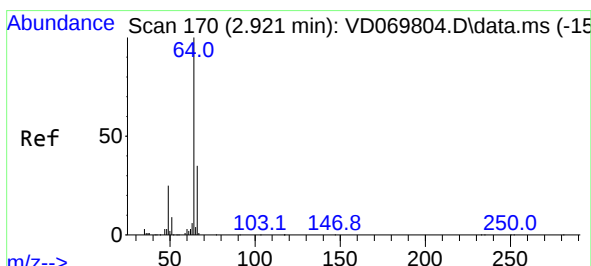
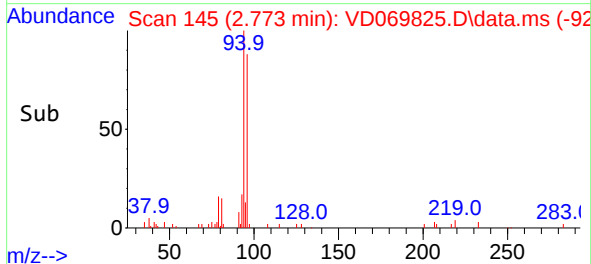
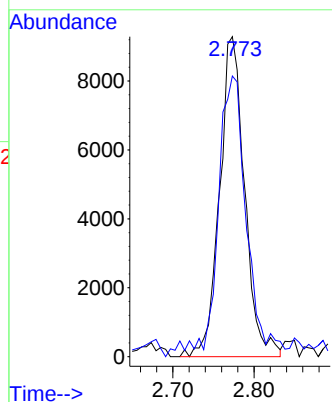
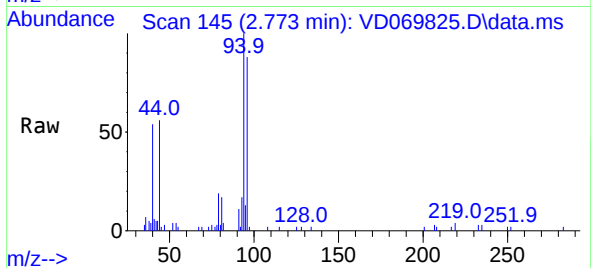
#5
Bromomethane
Concen: 3.411 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 94 Resp: 19927
Ion Ratio Lower Upper
94 100
96 82.9 74.8 112.2

Instrument :
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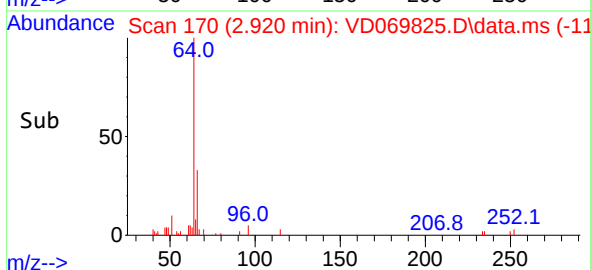
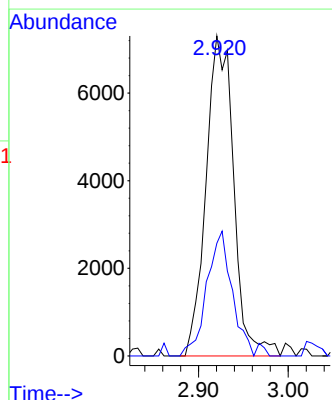
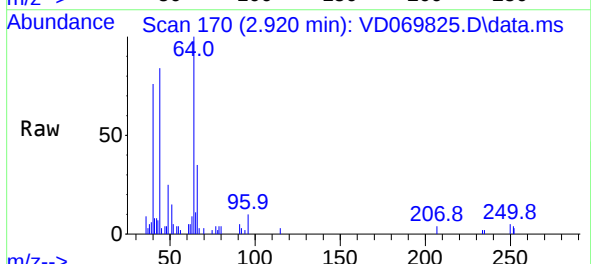
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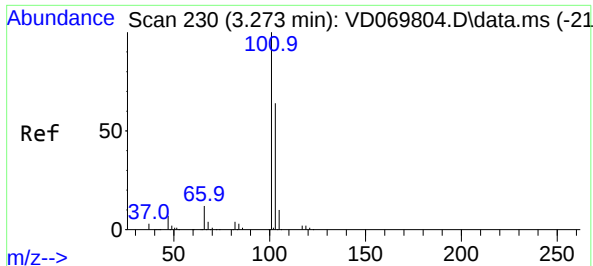
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#6
Chloroethane
Concen: 2.704 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 64 Resp: 15634
Ion Ratio Lower Upper
64 100
66 35.2 27.8 41.6





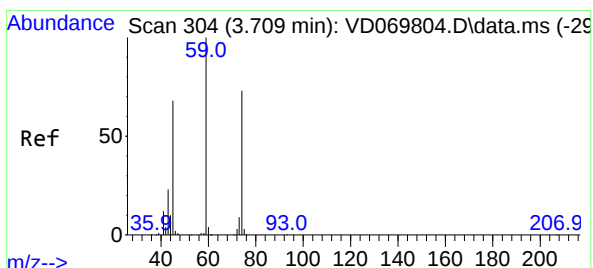
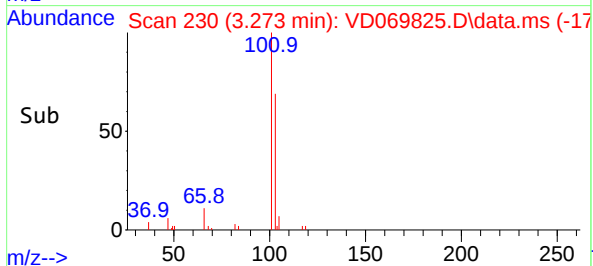
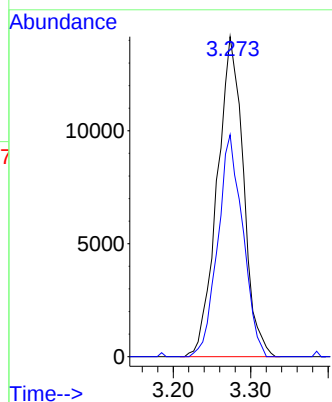
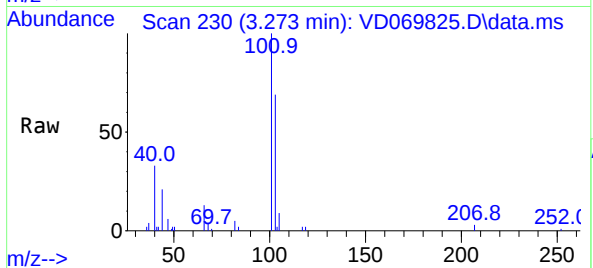
#7
Trichlorofluoromethane
Concen: 3.028 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion:101 Resp: 33339
Ion Ratio Lower Upper
101 100
103 69.4 51.3 76.9

Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

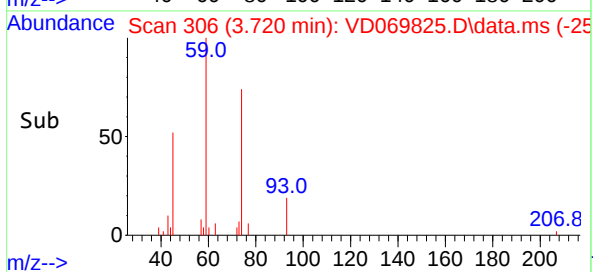
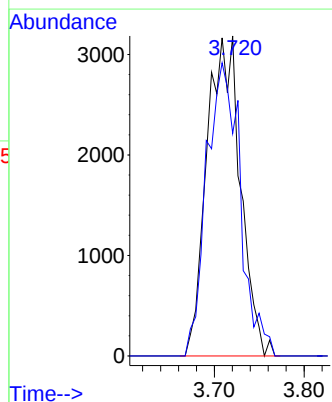
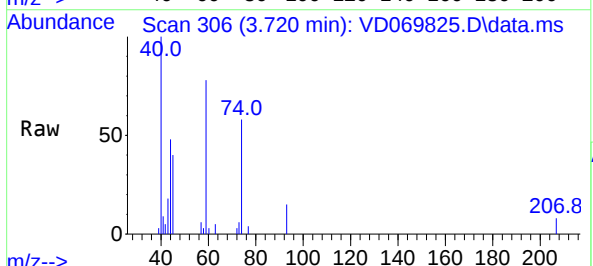
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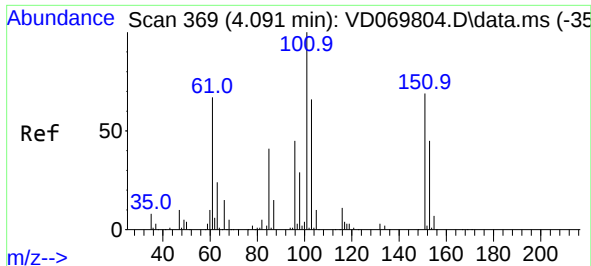
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#8
Diethyl Ether
Concen: 2.666 ug/l
RT: 3.720 min Scan# 306
Delta R.T. 0.012 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 74 Resp: 8257
Ion Ratio Lower Upper
74 100
45 92.1 46.8 140.4





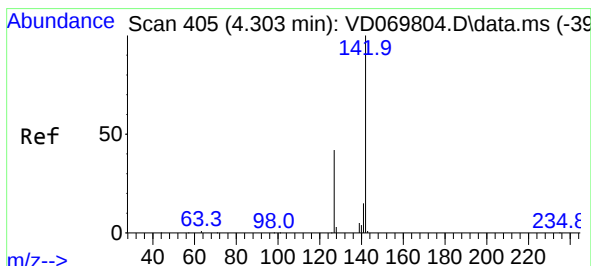
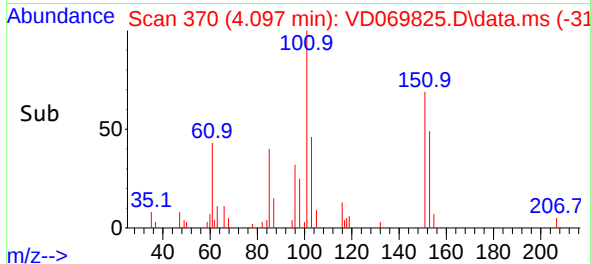
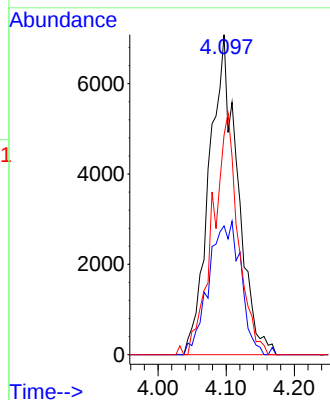
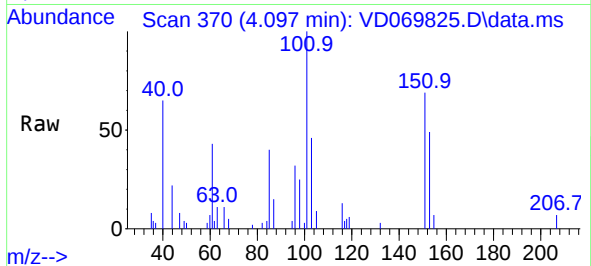
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.926 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion:	101	Resp:	20461
Ion Ratio	Lower	Upper	
101	100		
85	47.1	34.7	52.1
151	68.2	55.4	83.0

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

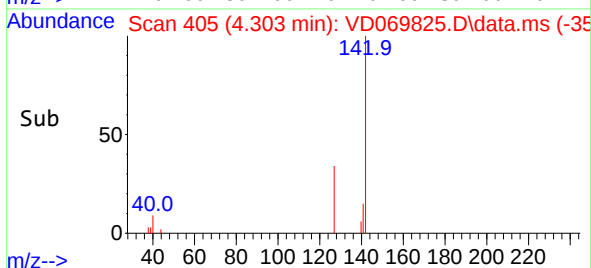
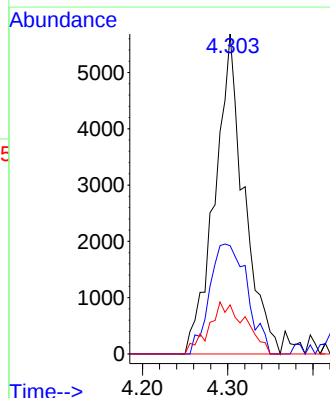
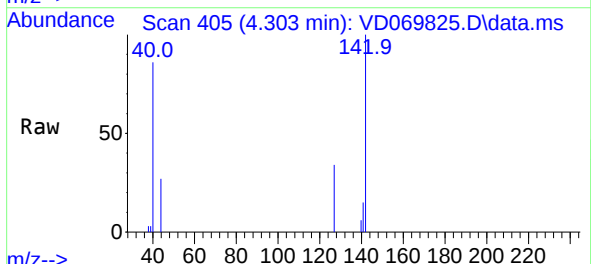
Manual Integrations
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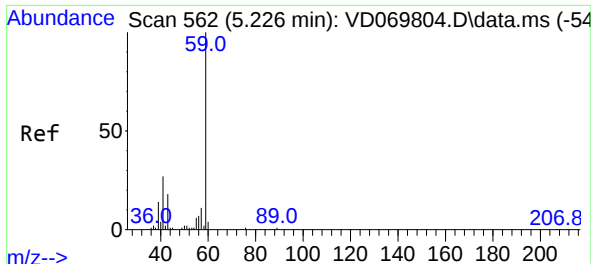
MMDadoda
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#10
Methyl Iodide
Concen: 2.217 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

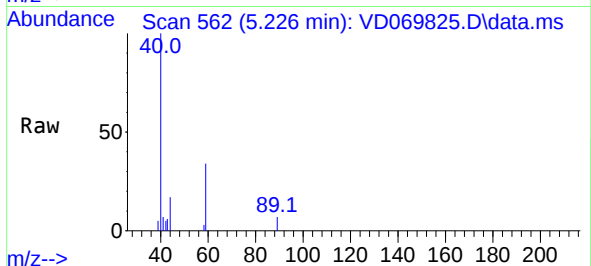
Tgt Ion:	142	Resp:	13546
Ion Ratio	Lower	Upper	
142	100		
127	44.0	35.7	53.5
141	20.2	12.0	18.0





#11
Tert butyl alcohol
Concen: 23.889 ug/l m
RT: 5.226 min Scan# 562
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

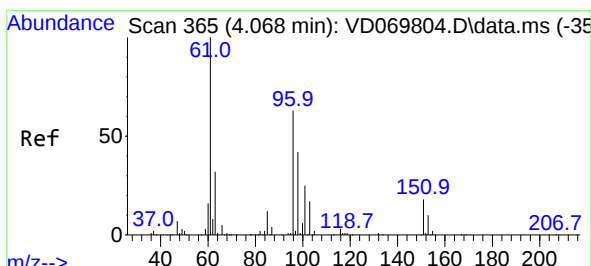
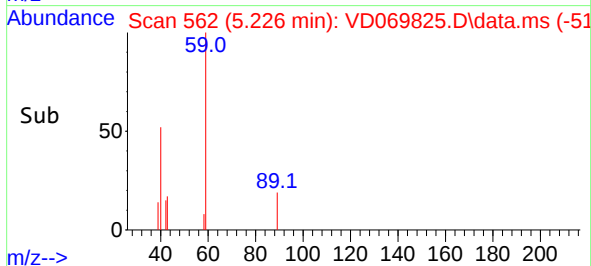
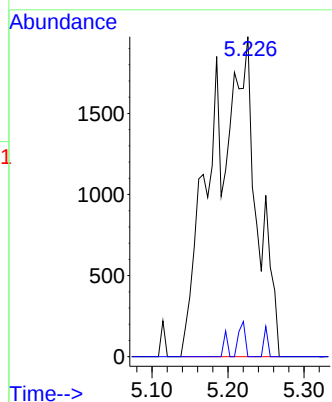
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



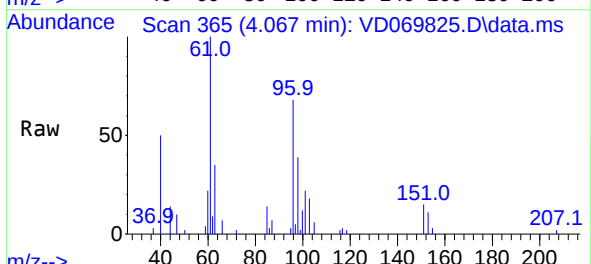
Tgt Ion: 59 Resp: 7896
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

Manual Integrations
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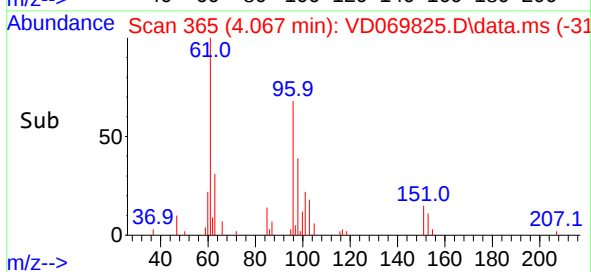
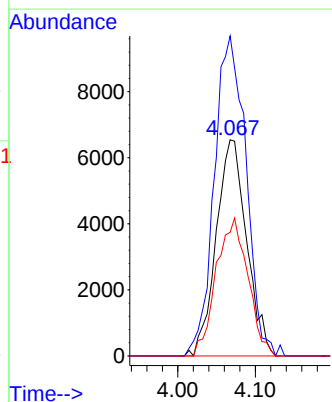
MMDadoda
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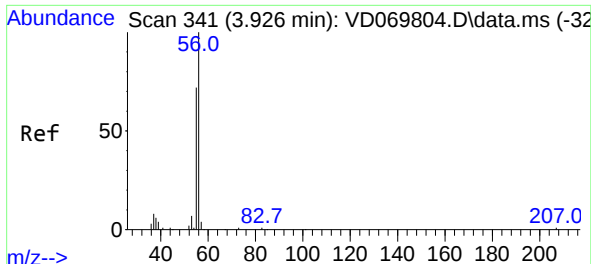


#12
1,1-Dichloroethene
Concen: 2.820 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



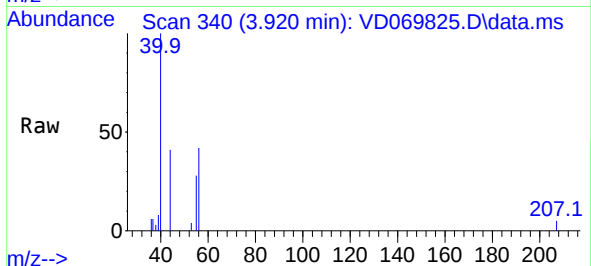
Tgt Ion: 96 Resp: 17919
Ion Ratio Lower Upper
96 100
61 148.1 126.9 190.3
98 57.2 53.2 79.8





#13
Acrolein
Concen: 10.750 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

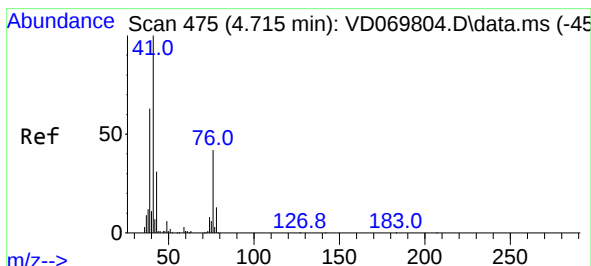
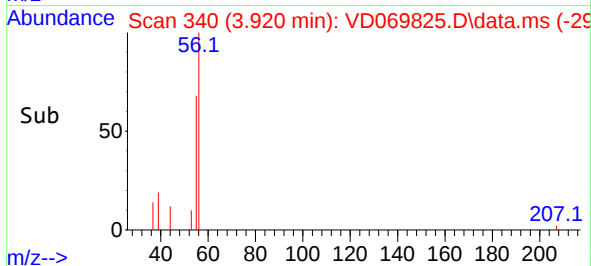
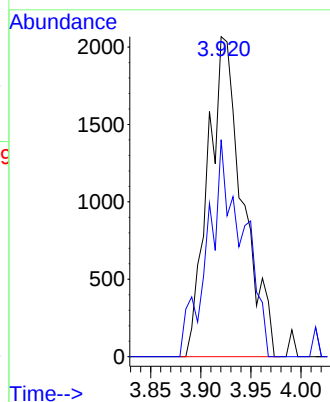
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion: 56 Resp: 4974
Ion Ratio Lower Upper
56 100
55 68.5 57.2 85.8

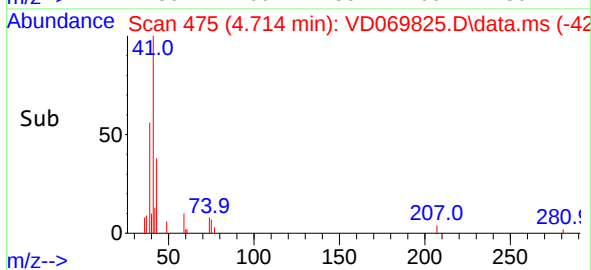
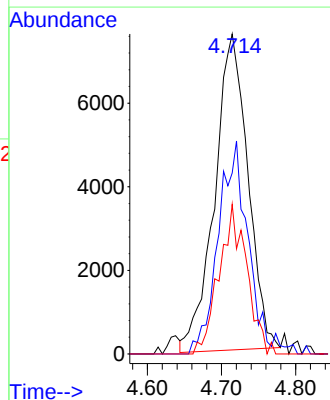
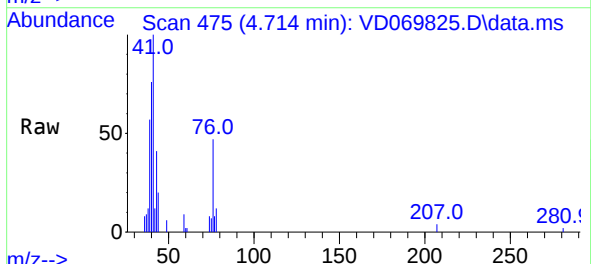
Manual Integrations
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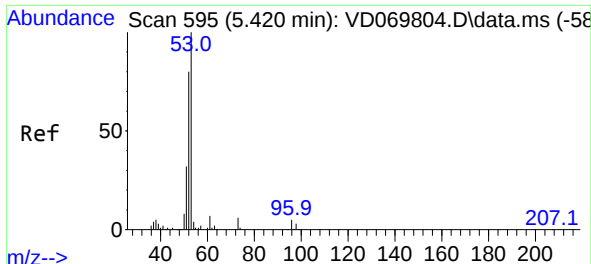
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#14
Allyl chloride
Concen: 2.526 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

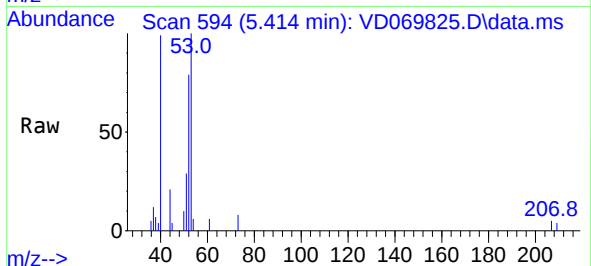
Tgt Ion: 41 Resp: 23539
Ion Ratio Lower Upper
41 100
39 59.2 49.8 74.6
76 39.5 31.8 47.8





#15
Acrylonitrile
Concen: 12.339 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

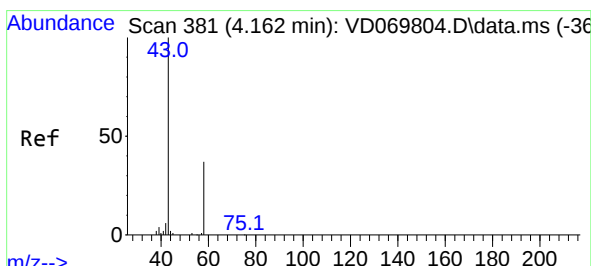
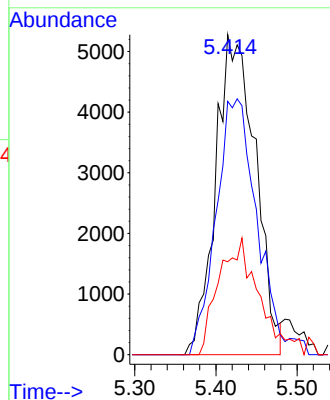
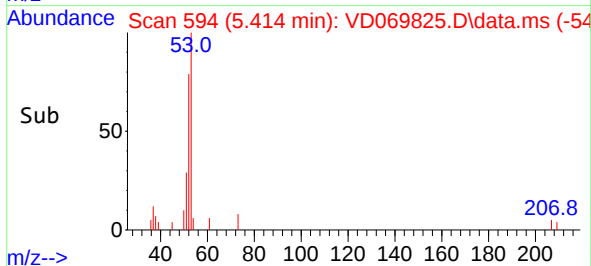
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



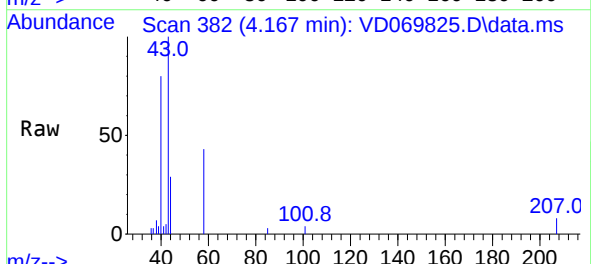
Tgt Ion: 53 Resp: 17978
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 36.8 28.3 42.5

Manual Integrations
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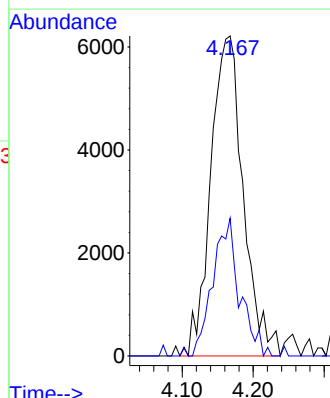
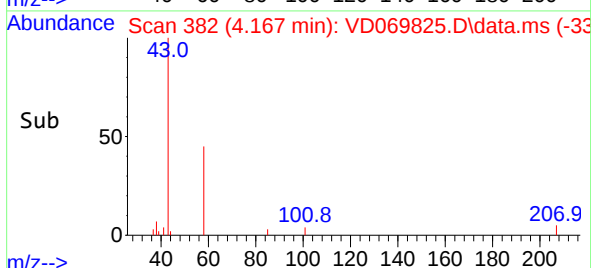
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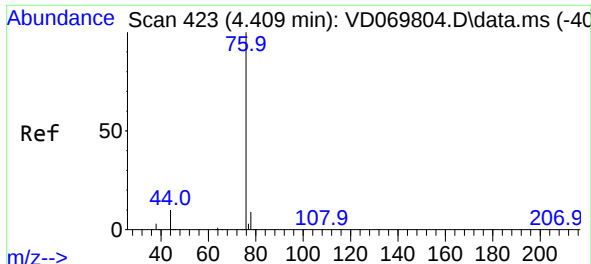


#16
Acetone
Concen: 17.098 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



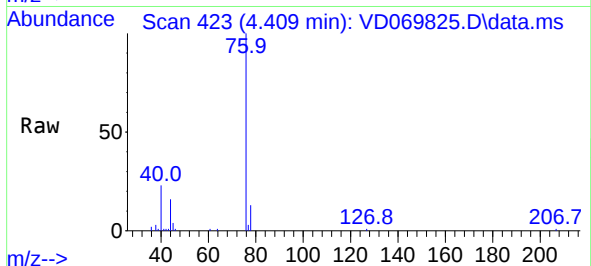
Tgt Ion: 43 Resp: 19730
Ion Ratio Lower Upper
43 100
58 43.1 29.4 44.0





#17
Carbon Disulfide
Concen: 2.739 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

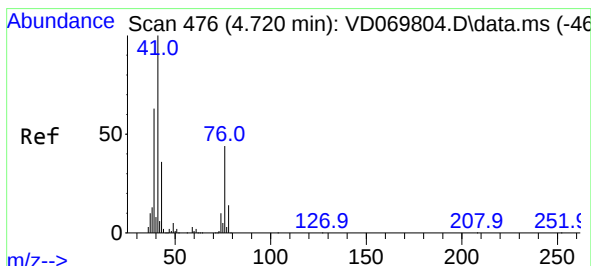
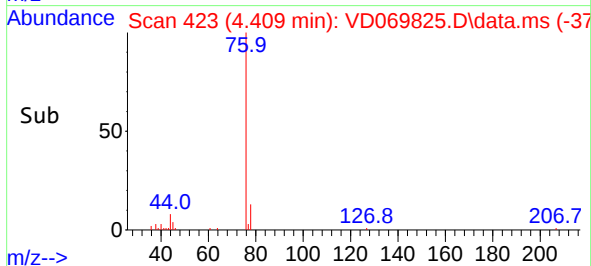
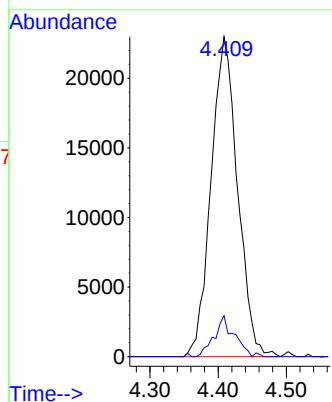
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion: 76 Resp: 62231
Ion Ratio Lower Upper
76 100
78 12.8 7.3 10.9#

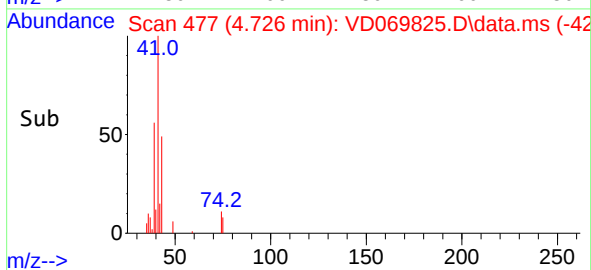
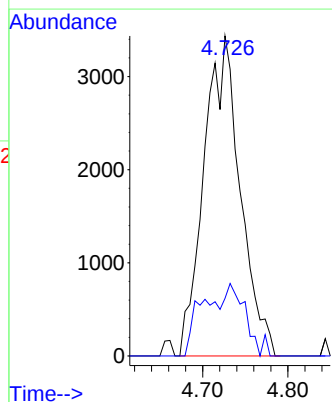
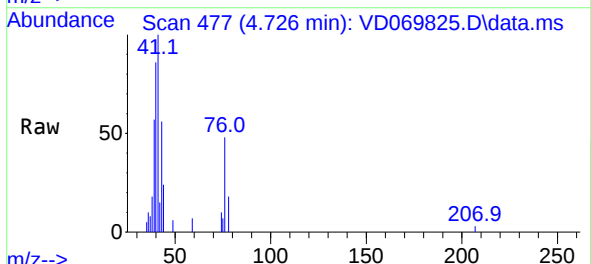
Manual Integrations
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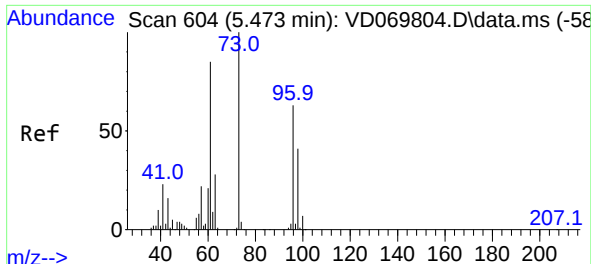
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#18
Methyl Acetate
Concen: 3.040 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 43 Resp: 10180
Ion Ratio Lower Upper
43 100
74 13.3 21.4 32.2#

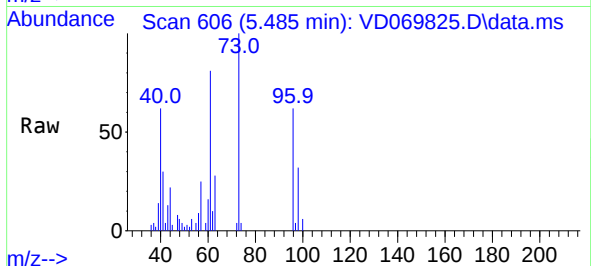




#19

Methyl tert-butyl Ether
Concen: 2.337 ug/l
RT: 5.485 min Scan# 606
Delta R.T. 0.012 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

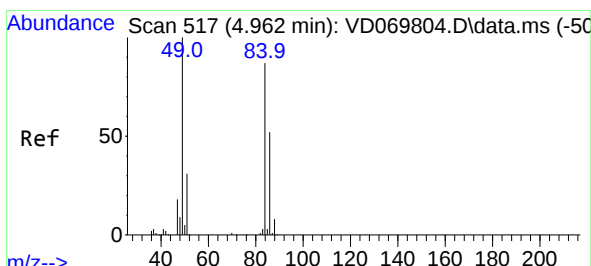
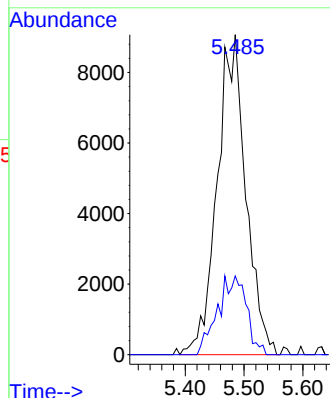
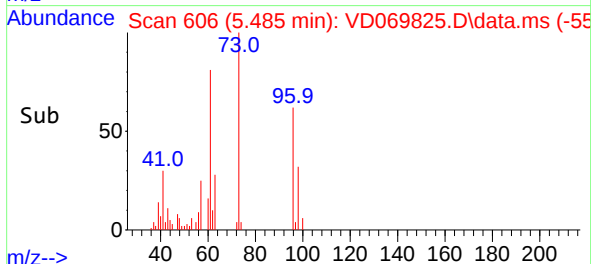
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion: 73 Resp: 30768
Ion Ratio Lower Upper
73 100
57 24.6 17.8 26.8

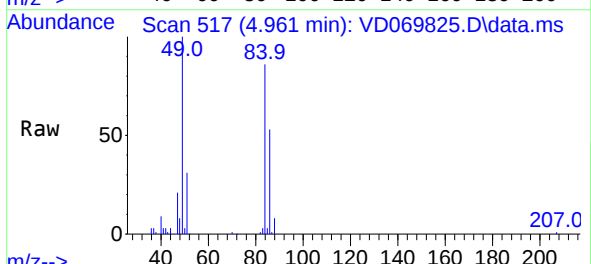
Manual Integrations
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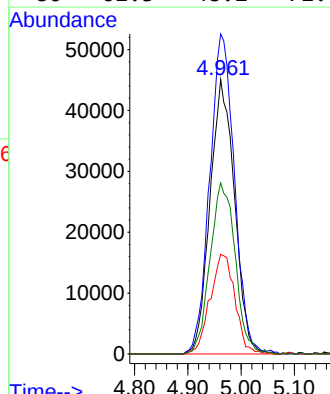
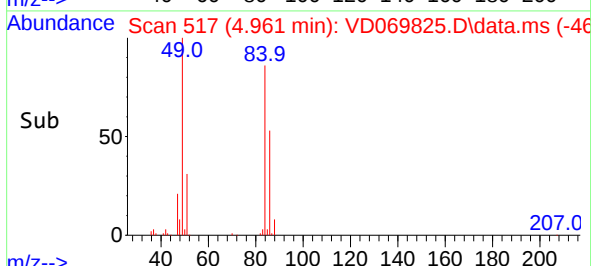


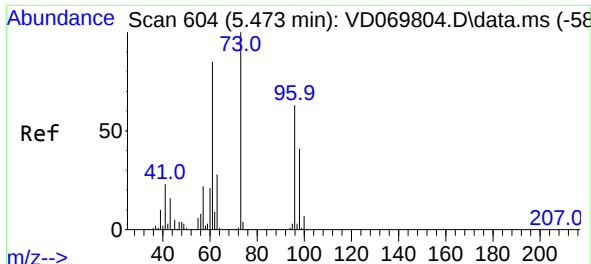
#20

Methylene Chloride
Concen: 13.695 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



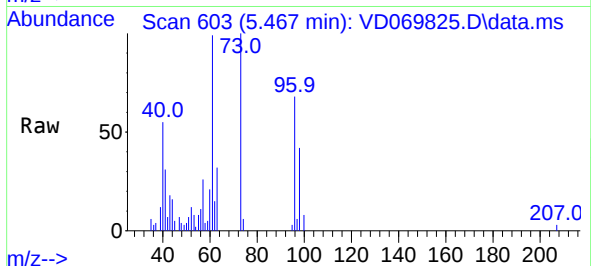
Tgt Ion: 84 Resp: 143935
Ion Ratio Lower Upper
84 100
49 116.6 92.4 138.6
51 36.3 28.5 42.7
86 62.3 48.2 72.4





#21
trans-1,2-Dichloroethene
Concen: 2.505 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

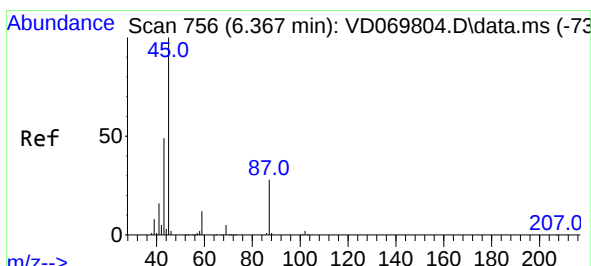
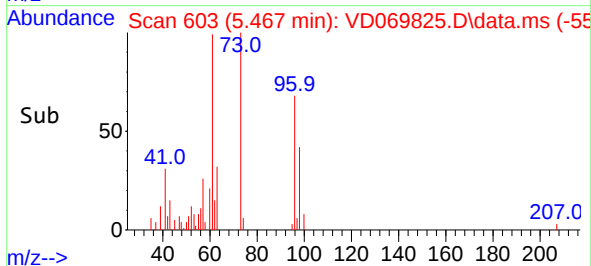
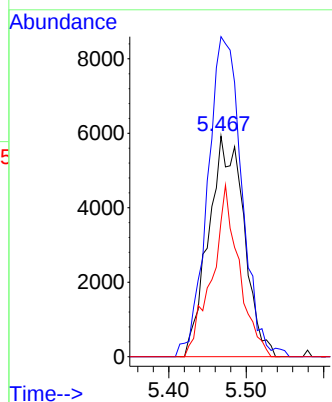


Tgt Ion: 96 Resp: 18755

Ion	Ratio	Lower	Upper
96	100		
61	141.7	107.0	160.6
98	61.2	52.3	78.5

Manual Integrations
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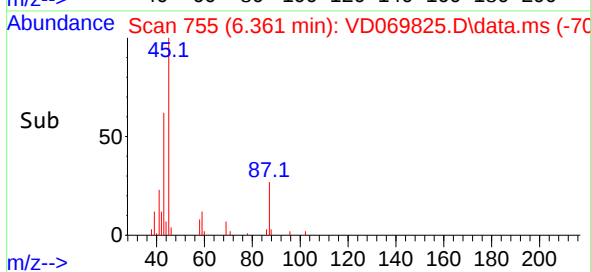
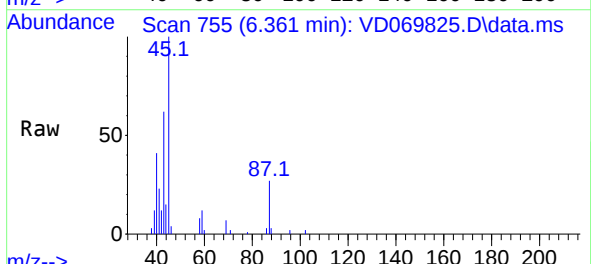
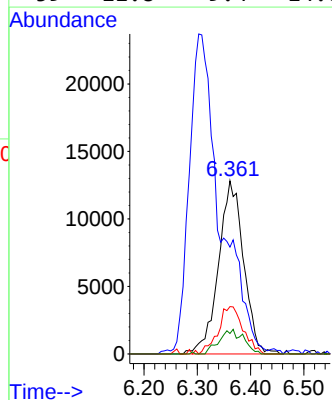
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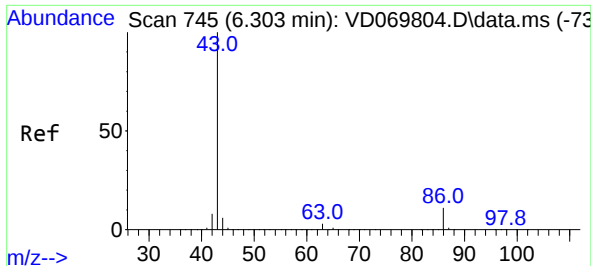


#22
Diisopropyl ether
Concen: 2.073 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 45 Resp: 41977

Ion	Ratio	Lower	Upper
45	100		
43	59.7	39.2	58.8
87	27.4	22.3	33.5
59	11.8	9.4	14.0





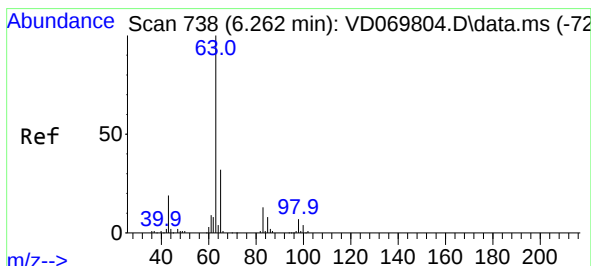
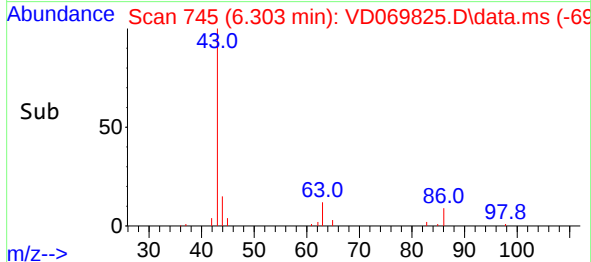
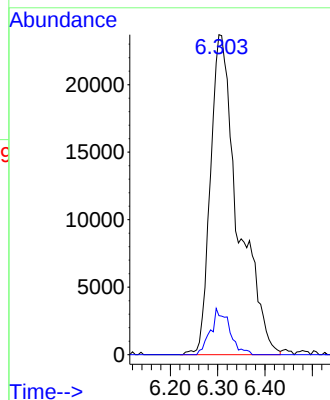
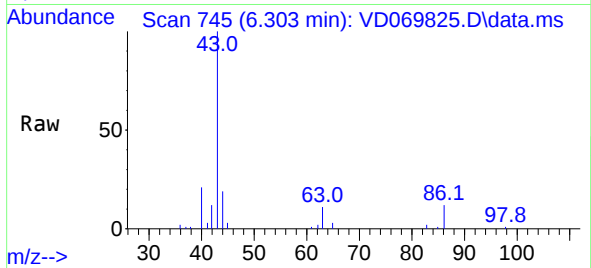
#23
 Vinyl Acetate
 Concen: 9.915 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD069825.D
 Acq: 23 Jul 2021 13:29

Tgt Ion: 43 Resp: 96161
 Ion Ratio Lower Upper
 43 100
 86 12.2 8.6 13.0

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

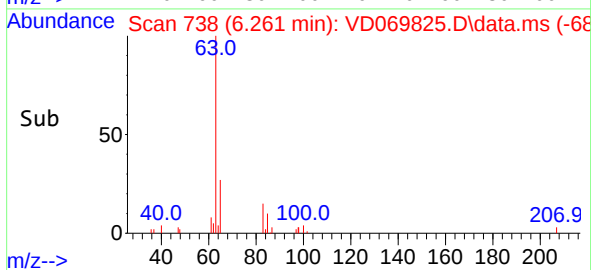
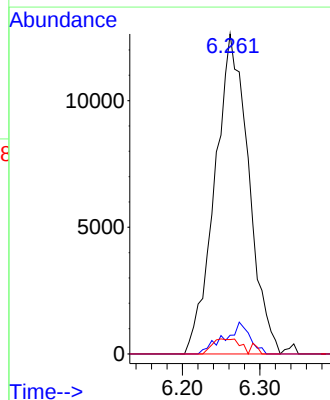
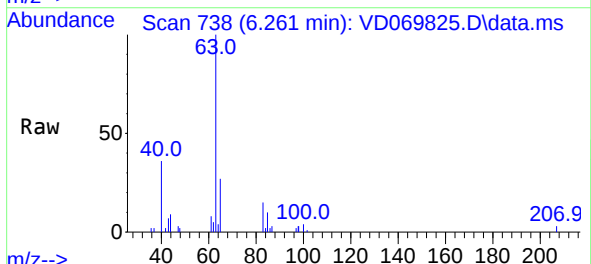
Manual Integrations
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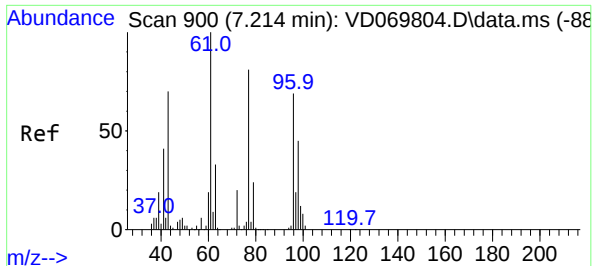
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#24
 1,1-Dichloroethane
 Concen: 2.737 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD069825.D
 Acq: 23 Jul 2021 13:29

Tgt Ion: 63 Resp: 38279
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.6 10.8
 100 4.5 2.2 6.6





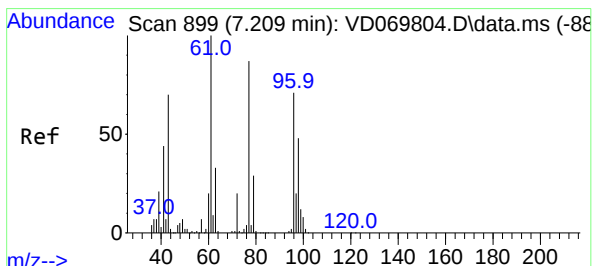
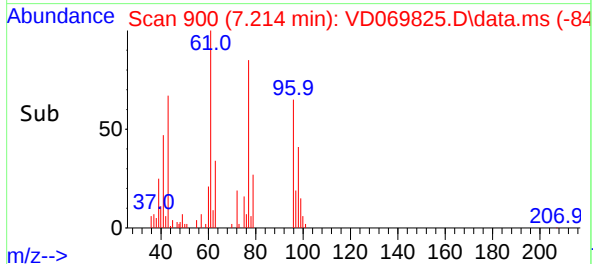
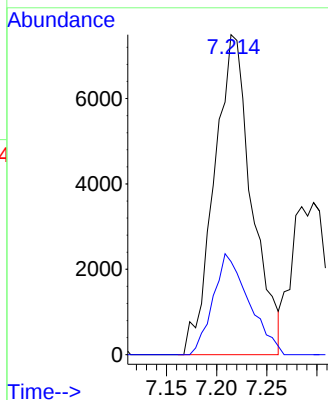
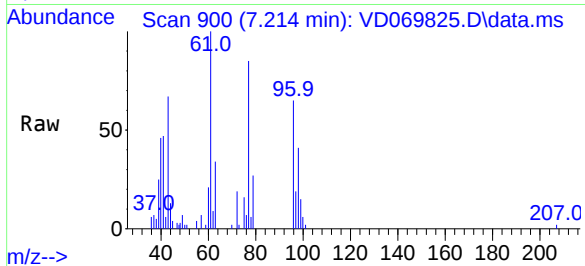
#25
2-Butanone
Concen: 12.460 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 43 Resp: 19499
Ion Ratio Lower Upper
43 100
72 29.1 22.8 34.2

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

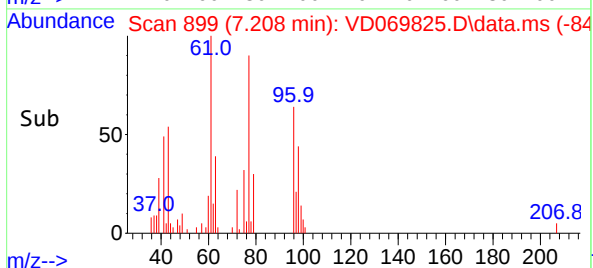
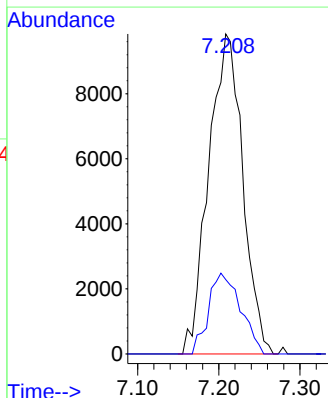
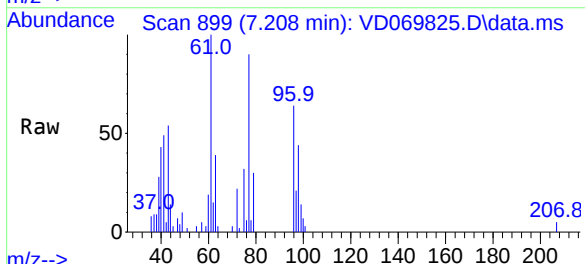
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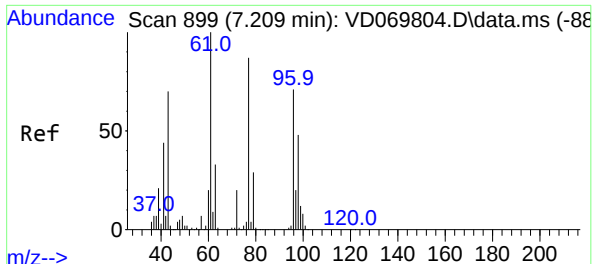
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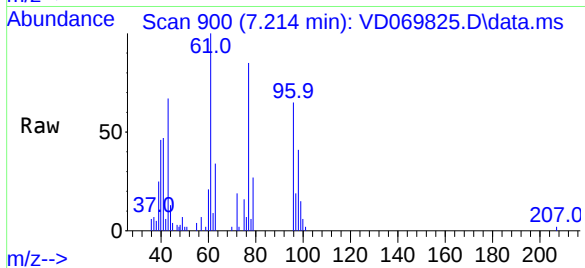
#26
2,2-Dichloropropane
Concen: 2.697 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 77 Resp: 28681
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.7



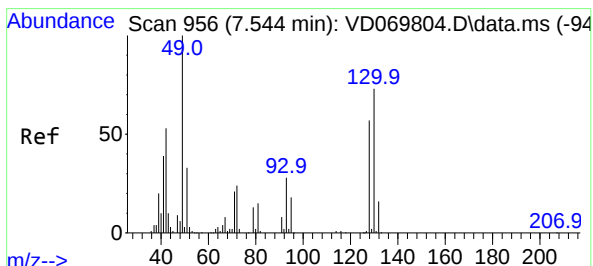
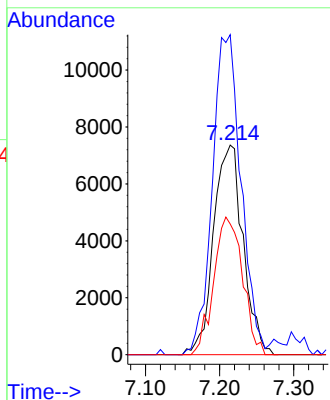
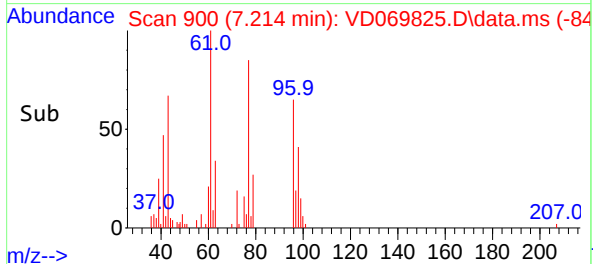


#27
cis-1,2-Dichloroethene
Concen: 2.548 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

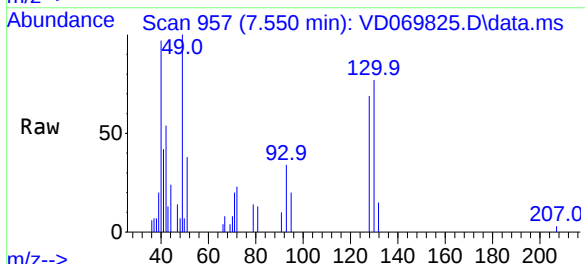


Tgt Ion: 96 Resp: 20358

Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	291.6
98	64.2	0.0	132.0

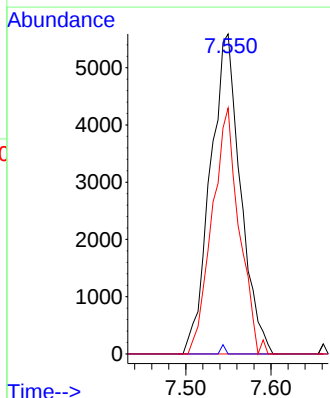
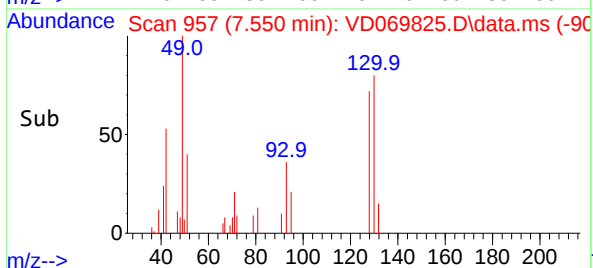


#28
Bromochloromethane
Concen: 2.591 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



Tgt Ion: 49 Resp: 13756

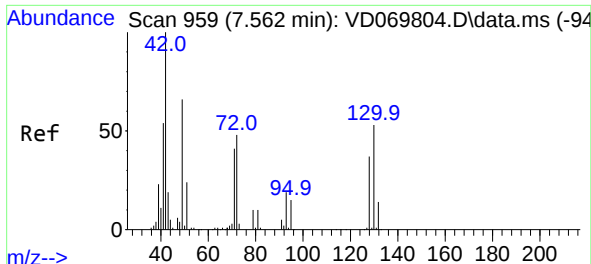
Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	4.2
130	68.9	59.6	89.4



Instrument :
MSVOA_D
ClientSampleId :
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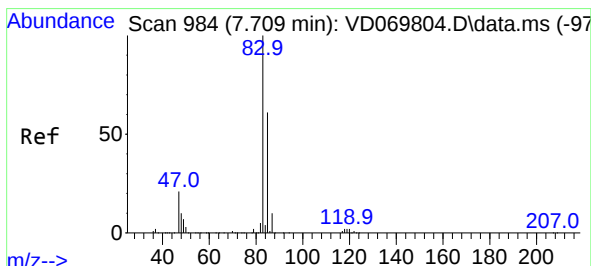
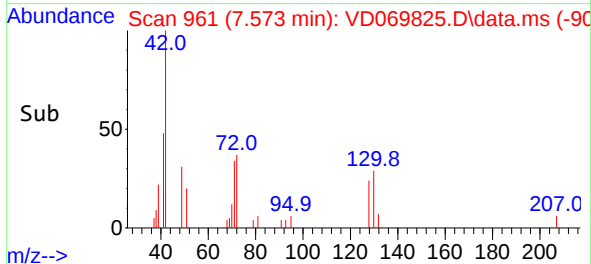
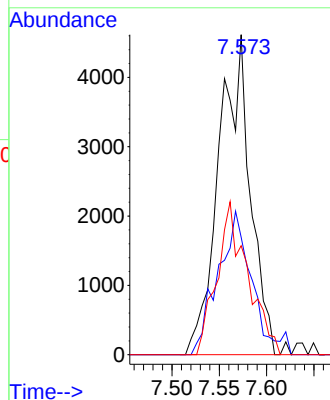
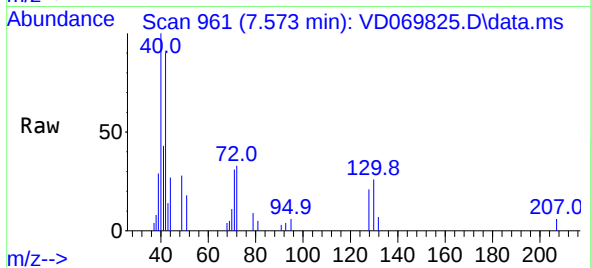
#29
Tetrahydrofuran
Concen: 10.557 ug/l
RT: 7.573 min Scan# 961
Delta R.T. 0.012 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 42 Resp: 10688
Ion Ratio Lower Upper
42 100
72 48.3 36.5 54.7
71 46.6 33.5 50.3

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

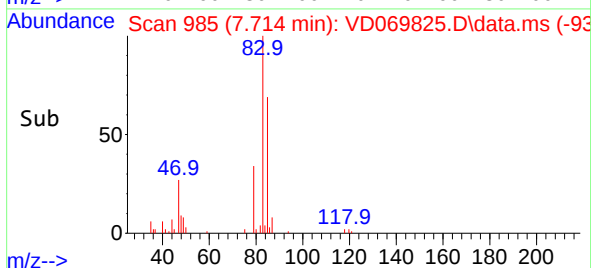
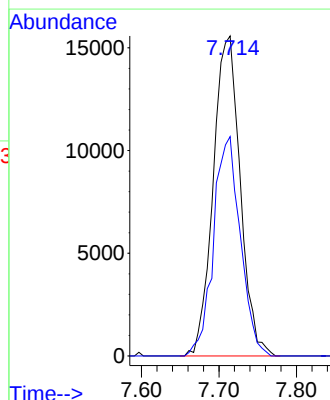
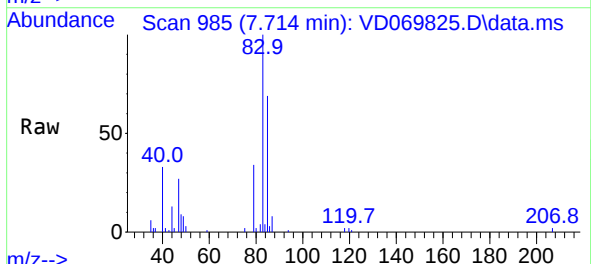
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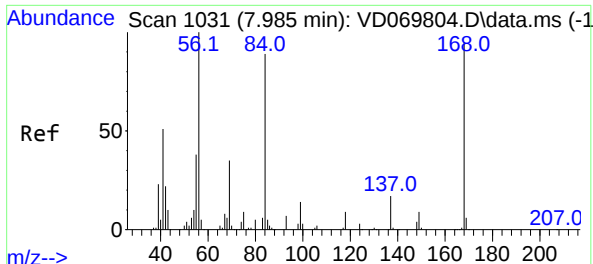
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#30
Chloroform
Concen: 2.692 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

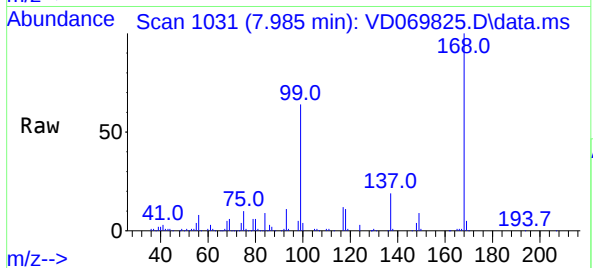
Tgt Ion: 83 Resp: 37852
Ion Ratio Lower Upper
83 100
85 68.6 49.1 73.7





#31
Cyclohexane
Concen: 3.350 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

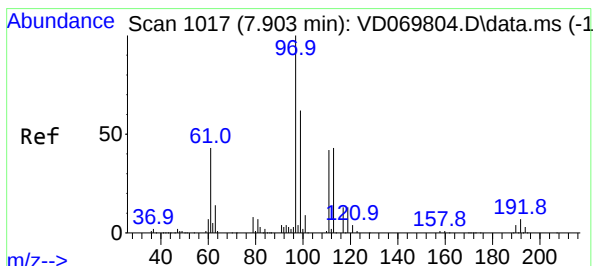
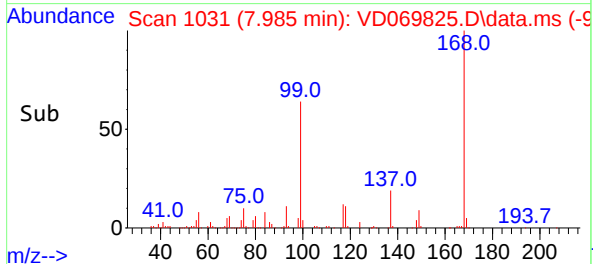
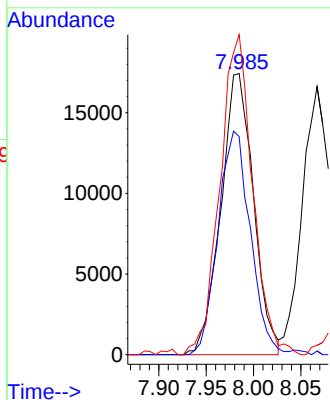
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion: 56 Resp: 41817
Ion Ratio Lower Upper
56 100
69 77.5 27.9 41.9#
84 113.8 71.4 107.2#

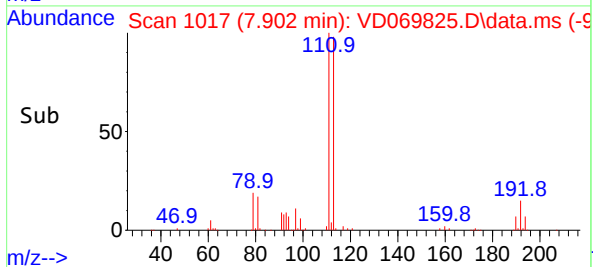
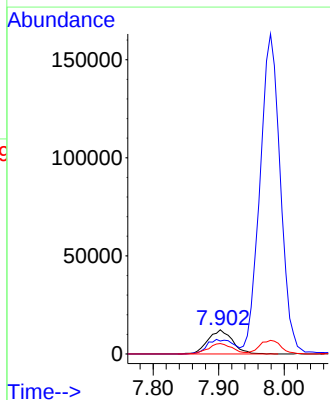
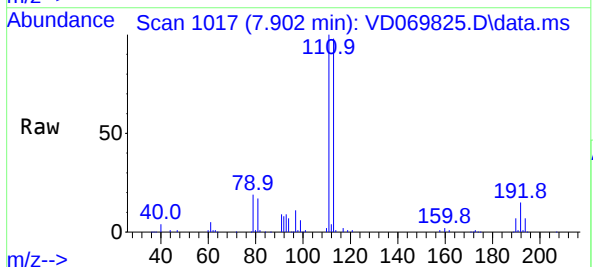
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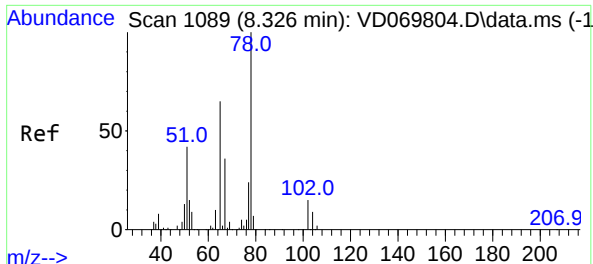
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#32
1,1,1-Trichloroethane
Concen: 2.729 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 97 Resp: 31760
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 43.0 34.5 51.7





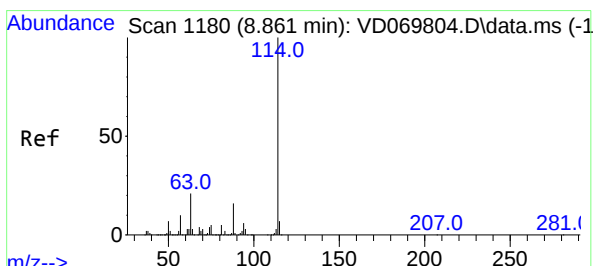
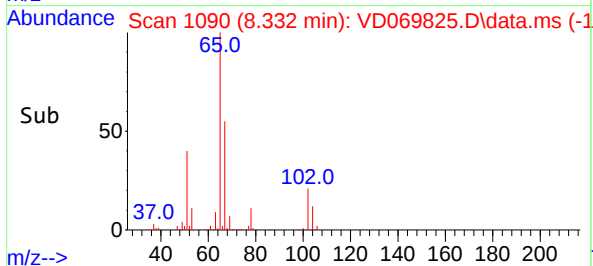
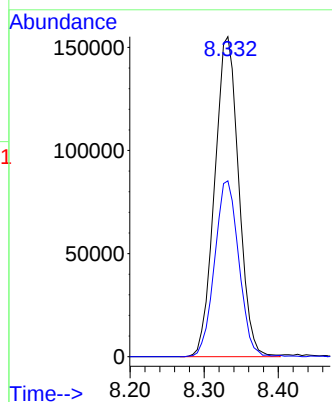
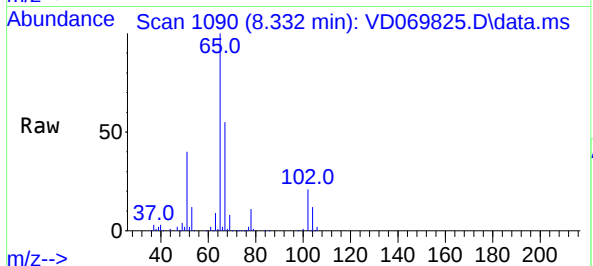
#33
1,2-Dichloroethane-d4
Concen: 54.749 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 65 Resp: 349729
Ion Ratio Lower Upper
65 100
67 55.2 0.0 111.2

Instrument :
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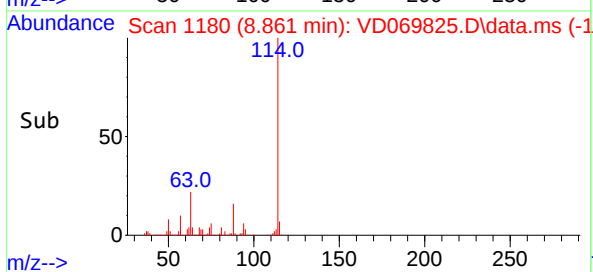
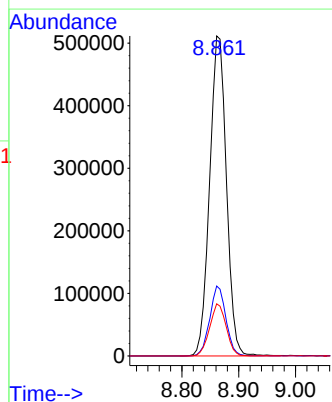
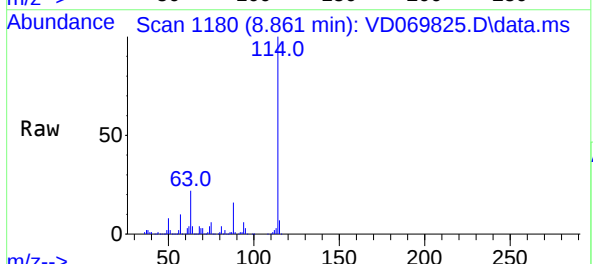
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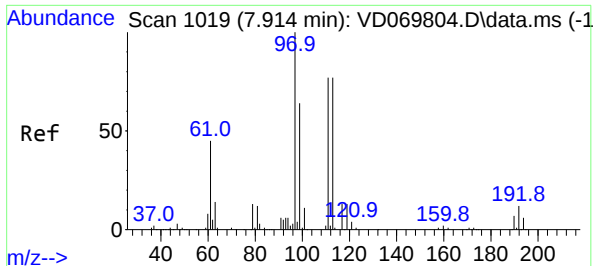
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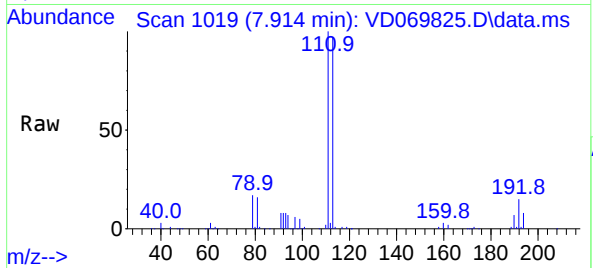
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion:114 Resp: 1047480
Ion Ratio Lower Upper
114 100
63 21.8 0.0 41.6
88 16.3 0.0 31.4

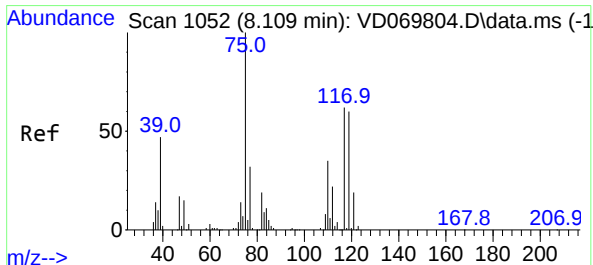
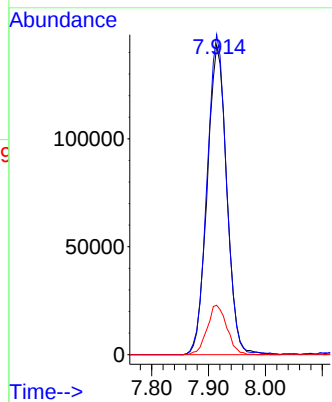
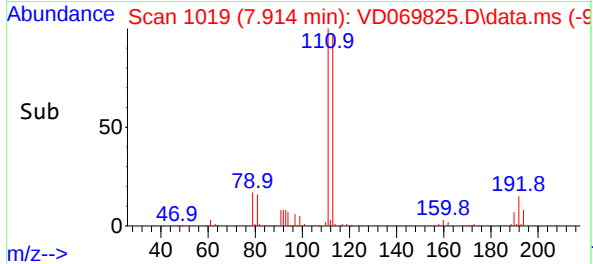




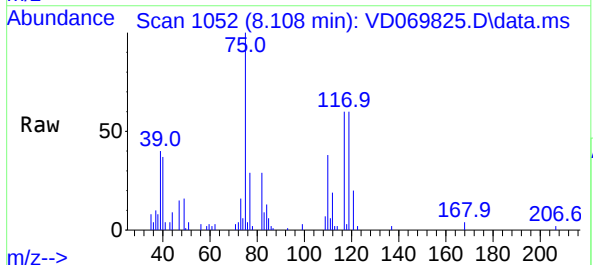
#35
Dibromofluoromethane
Concen: 51.783 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



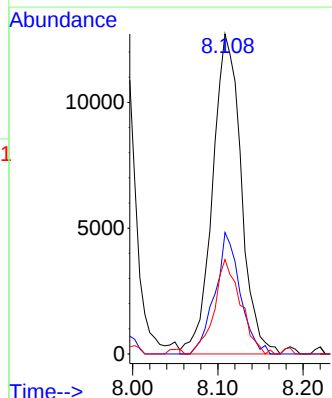
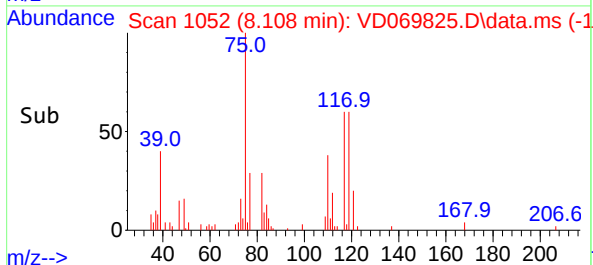
Tgt Ion: 113 Resp: 341940
Ion Ratio Lower Upper
113 100
111 102.4 80.5 120.7
192 16.2 12.6 19.0



#36
1,1-Dichloropropene
Concen: 2.619 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



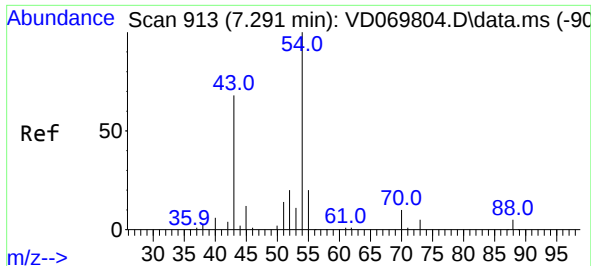
Tgt Ion: 75 Resp: 29603
Ion Ratio Lower Upper
75 100
110 33.4 16.9 50.7
77 27.1 24.9 37.3



Instrument :
MSVOA_D
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LOD-MDL-SOIL-01-QT3-2021

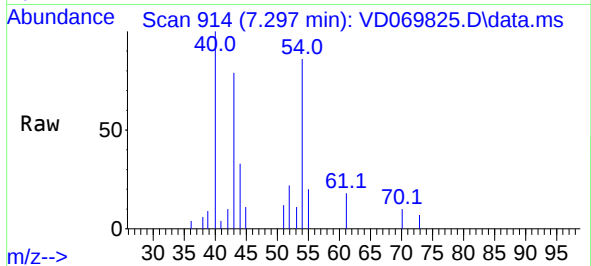
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#37
Ethyl Acetate
Concen: 2.479 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

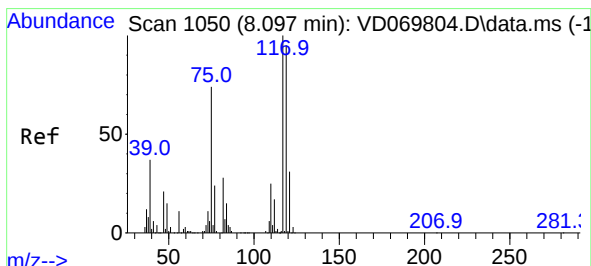
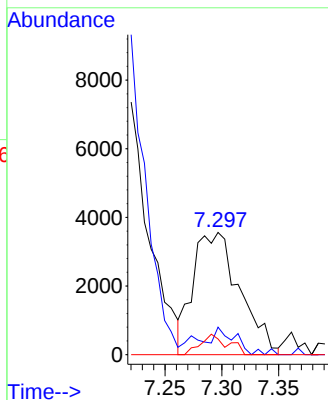
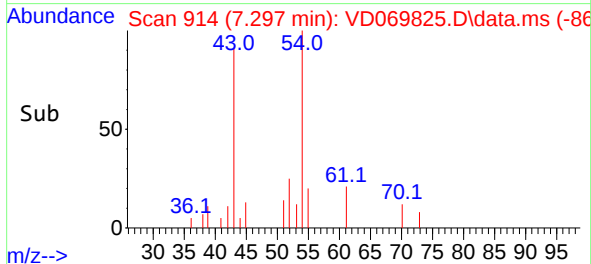
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



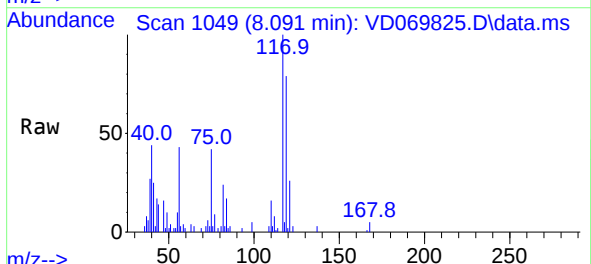
Tgt Ion: 43 Resp: 10200
Ion Ratio Lower Upper
43 100
61 8.9 11.8 17.8#
70 9.6 8.9 13.3

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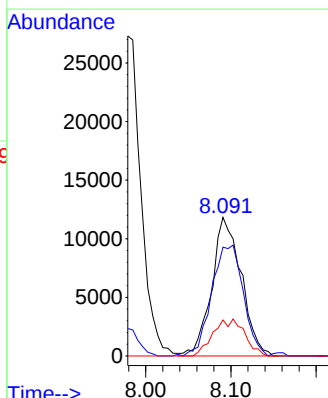
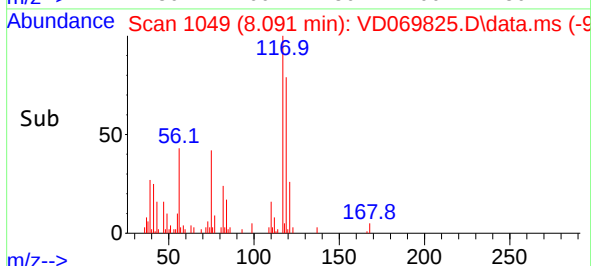
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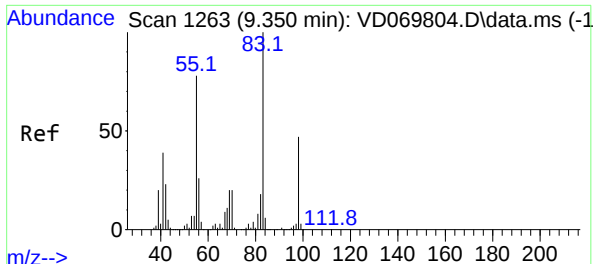


#38
Carbon Tetrachloride
Concen: 2.760 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



Tgt Ion: 117 Resp: 28496
Ion Ratio Lower Upper
117 100
119 77.2 76.2 114.2
121 26.0 24.5 36.7





#39

Methylcyclohexane

Concen: 2.305 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.006 min

Lab File: VD069825.D

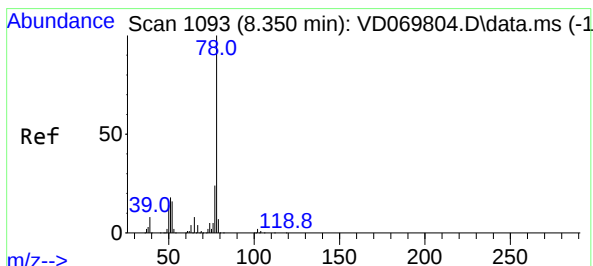
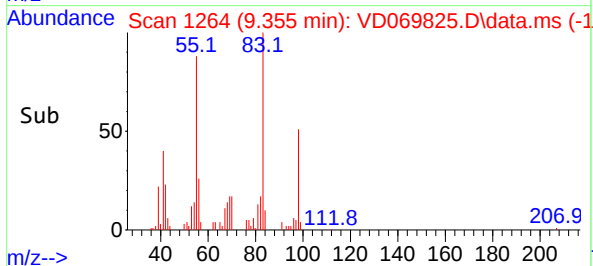
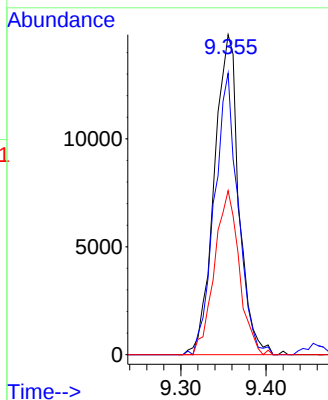
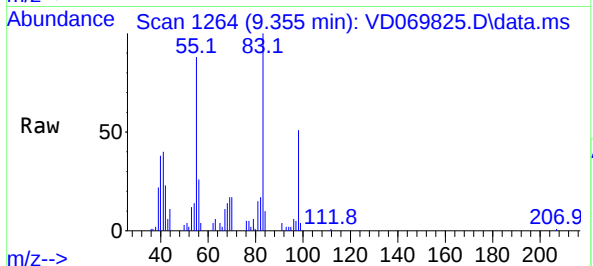
Acq: 23 Jul 2021 13:29

Tgt Ion:	83	Resp:	29836
Ion Ratio	Lower	Upper	
83	100		
55	87.9	62.2	93.2
98	51.3	37.8	56.8

Instrument :
MSVOA_D
ClientSampleId :
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#40

Benzene

Concen: 2.448 ug/l

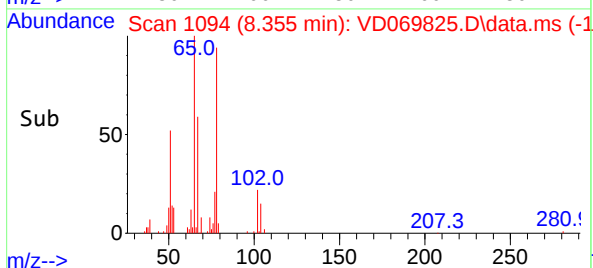
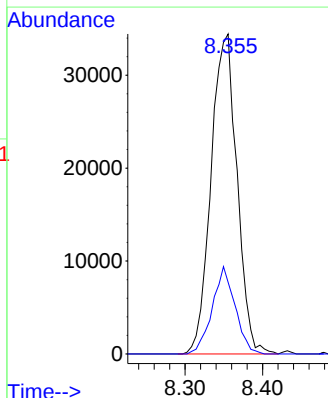
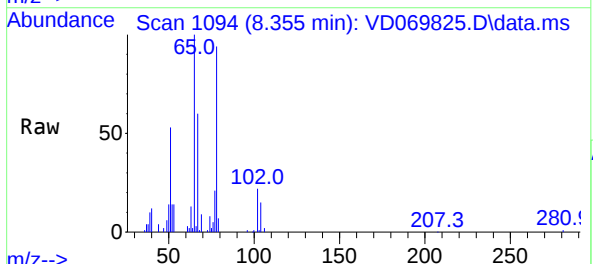
RT: 8.355 min Scan# 1094

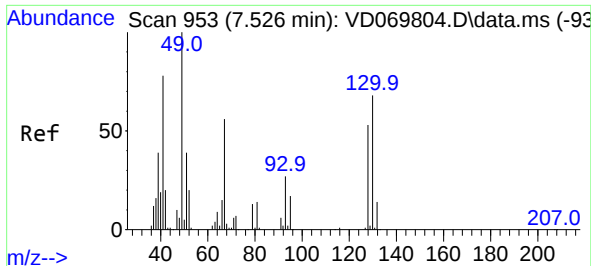
Delta R.T. 0.006 min

Lab File: VD069825.D

Acq: 23 Jul 2021 13:29

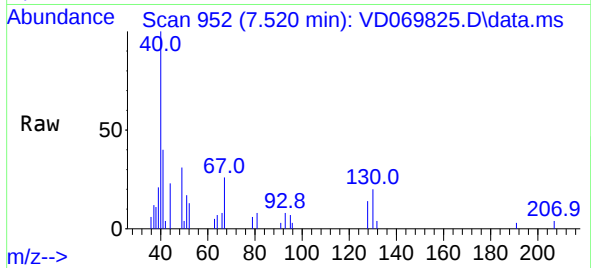
Tgt Ion:	78	Resp:	80159
Ion Ratio	Lower	Upper	
78	100		
77	22.4	19.4	29.0





#41
Methacrylonitrile
Concen: 2.495 ug/l
RT: 7.520 min Scan# 952
Delta R.T. -0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

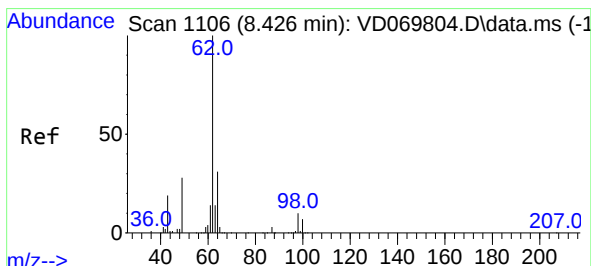
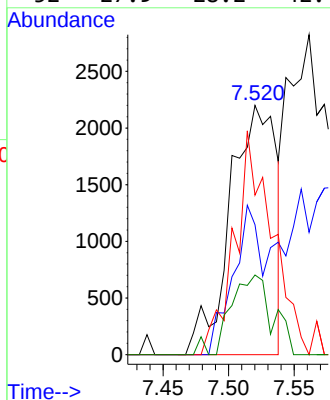
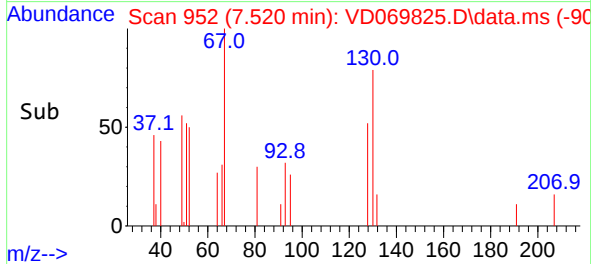
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



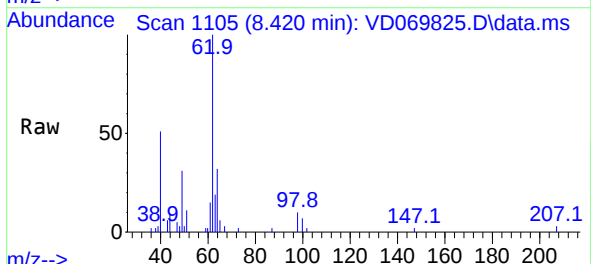
Tgt Ion: 41 Resp: 5389
Ion Ratio Lower Upper
41 100
39 35.3 46.7 70.1#
67 72.5 69.3 103.9
52 27.9 28.2 42.4#

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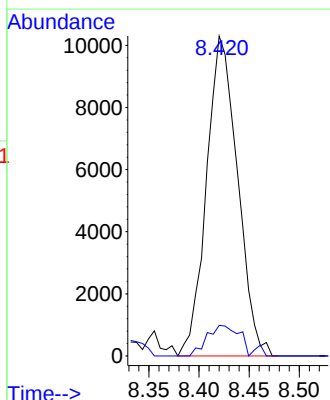
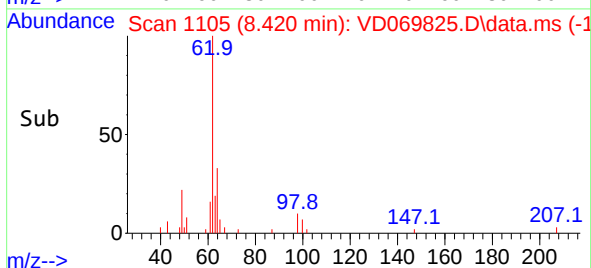
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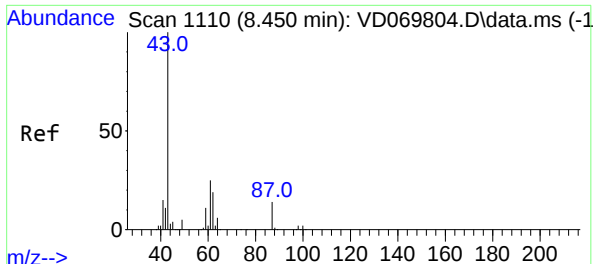


#42
1,2-Dichloroethane
Concen: 2.564 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



Tgt Ion: 62 Resp: 22209
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.4





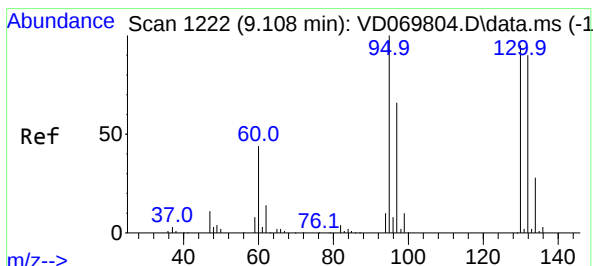
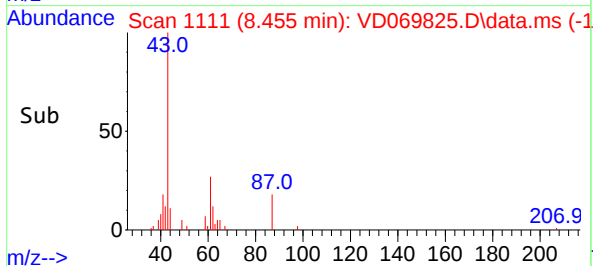
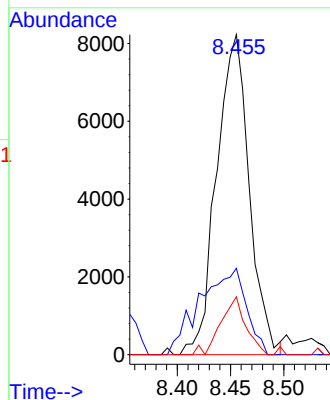
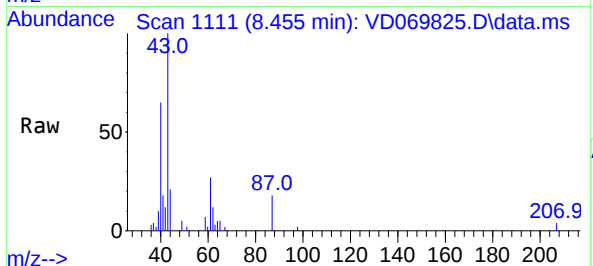
#43
Isopropyl Acetate
Concen: 2.377 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion:	43	Resp:	17545
Ion Ratio	Lower	Upper	
43	100		
61	38.3	27.8	41.6
87	13.9	11.3	16.9

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

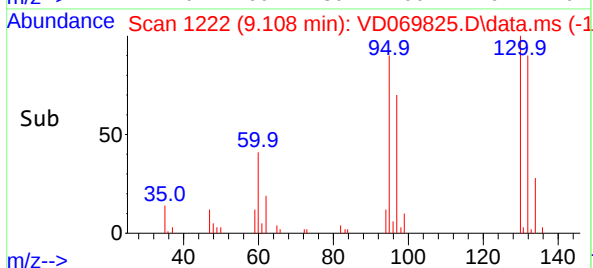
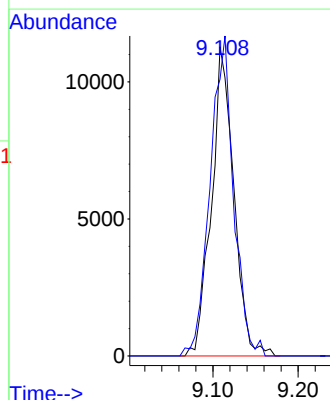
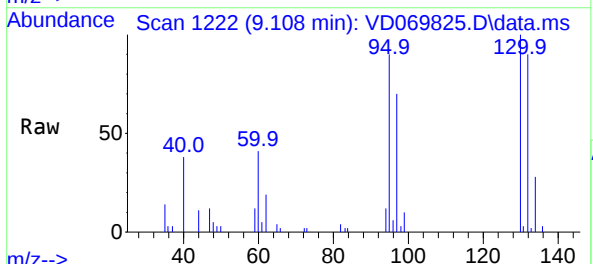
Manual Integrations
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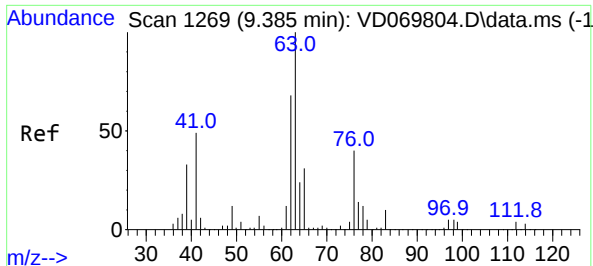
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#44
Trichloroethene
Concen: 2.557 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion:	130	Resp:	20620
Ion Ratio	Lower	Upper	
130	100		
95	89.5	0.0	210.8





#45

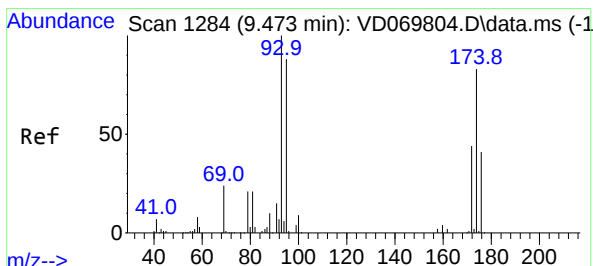
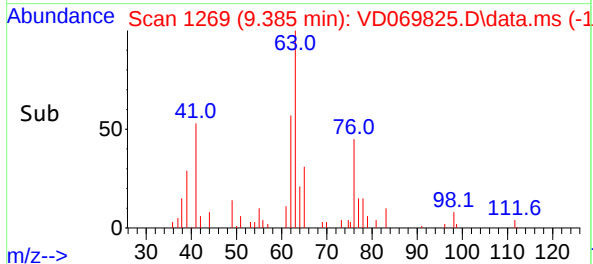
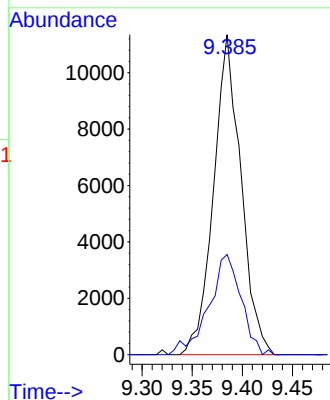
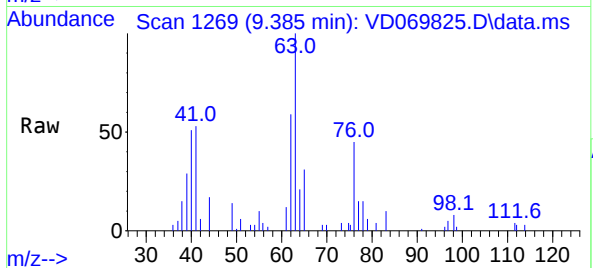
1,2-Dichloropropane
Concen: 2.505 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 63 Resp: 21550
Ion Ratio Lower Upper
63 100
65 31.3 24.9 37.3

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
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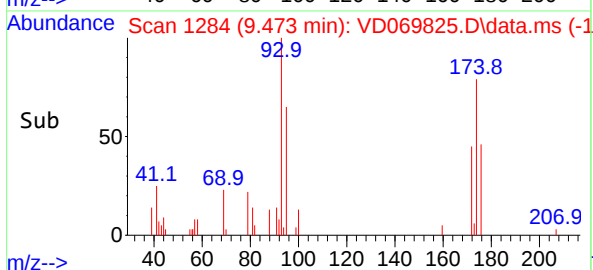
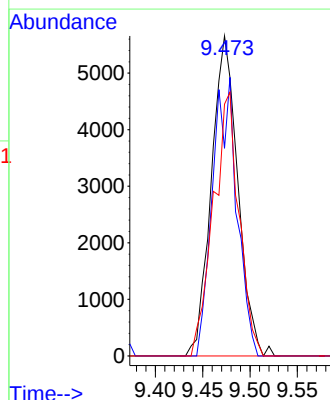
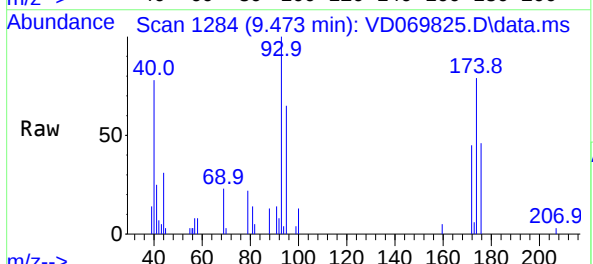
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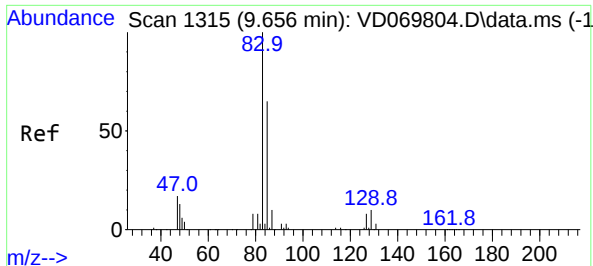


#46

Dibromomethane
Concen: 2.603 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 93 Resp: 11005
Ion Ratio Lower Upper
93 100
95 79.8 67.5 101.3
174 79.9 66.3 99.5





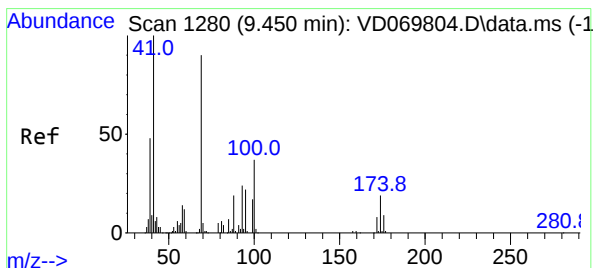
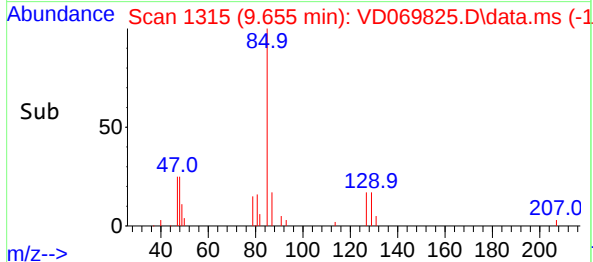
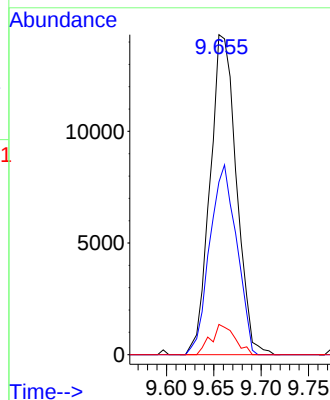
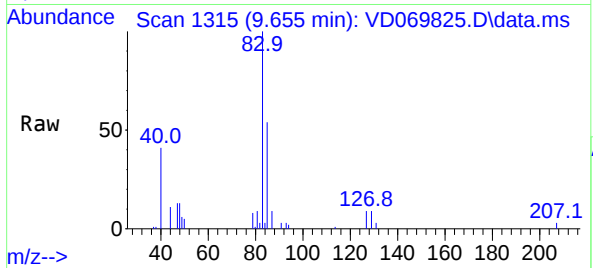
#47
Bromodichloromethane
Concen: 2.522 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion:	83	Resp:	27711
Ion	Ratio	Lower	Upper
83	100		
85	53.9	52.0	78.0
127	9.4	6.6	10.0

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

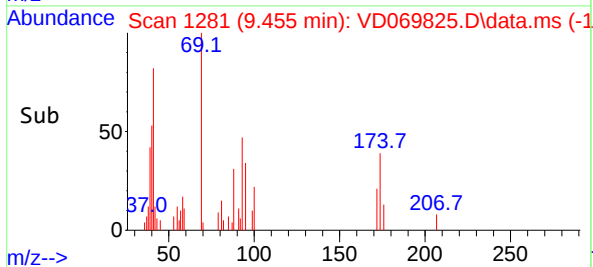
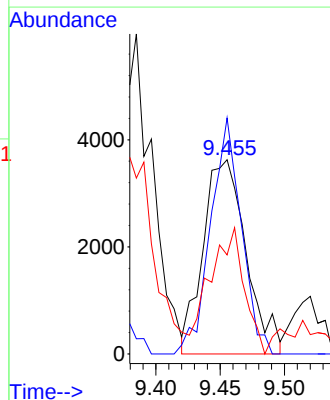
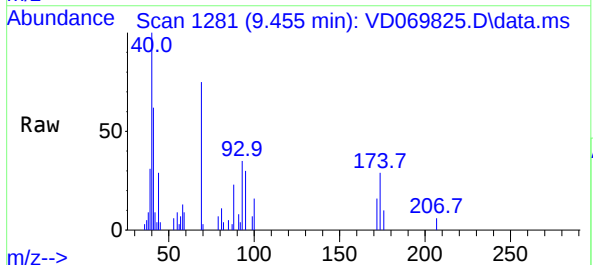
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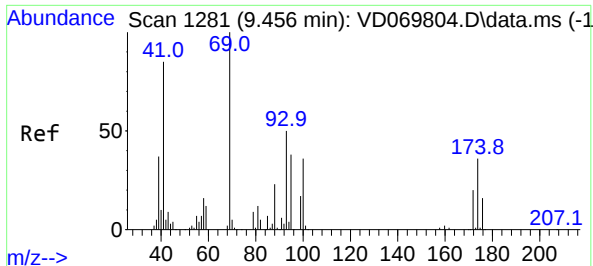
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#48
Methyl methacrylate
Concen: 2.381 ug/l m
RT: 9.455 min Scan# 1281
Delta R.T. 0.005 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

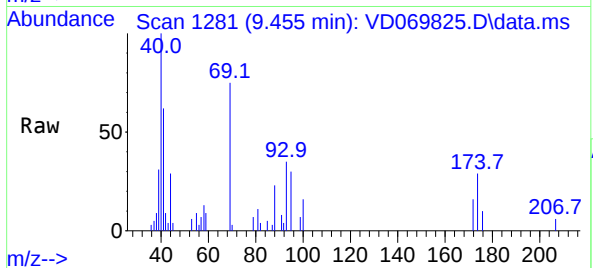
Tgt Ion:	41	Resp:	8456
Ion	Ratio	Lower	Upper
41	100		
69	86.9	73.4	110.2
39	51.5	36.6	55.0





#49
1,4-Dioxane
Concen: 53.433 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

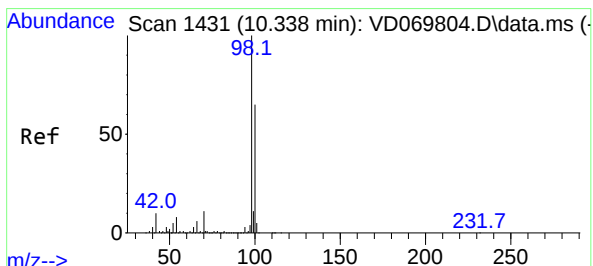
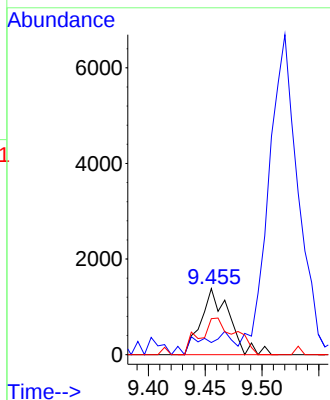
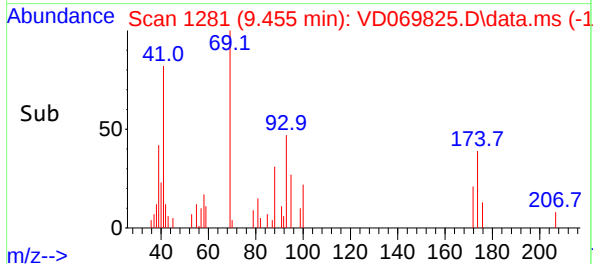
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



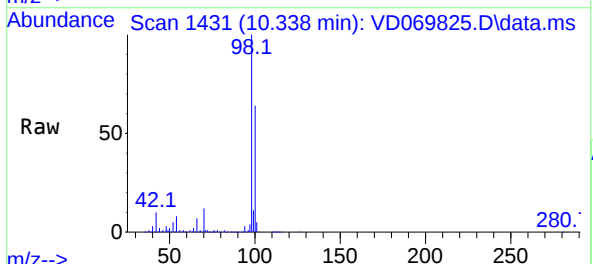
Tgt Ion: 88 Resp: 2387
Ion Ratio Lower Upper
88 100
43 19.2 26.8 40.2#
58 68.5 59.8 89.6

Manual Integrations
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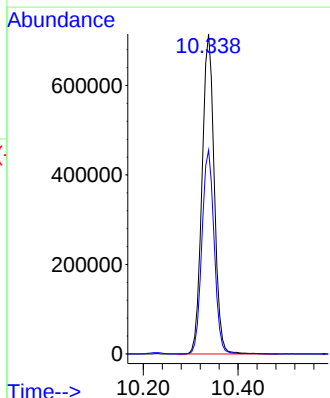
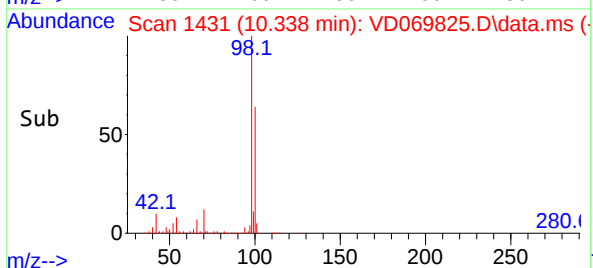
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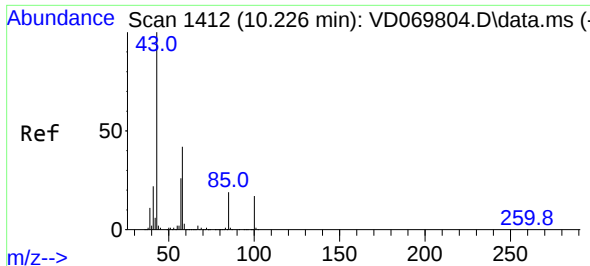


#50
Toluene-d8
Concen: 50.059 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



Tgt Ion: 98 Resp: 1274612
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9





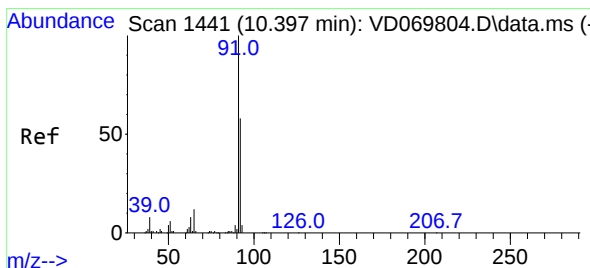
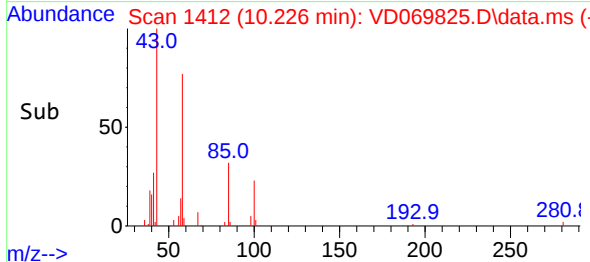
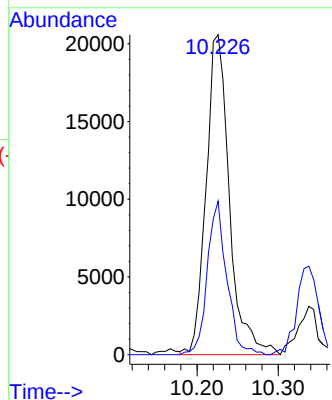
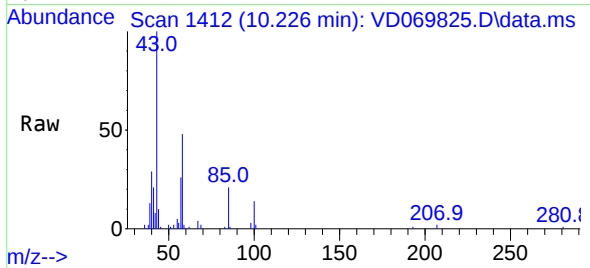
#51
4-Methyl-2-Pentanone
Concen: 10.675 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 43 Resp: 40998
Ion Ratio Lower Upper
43 100
58 40.1 33.7 50.5

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

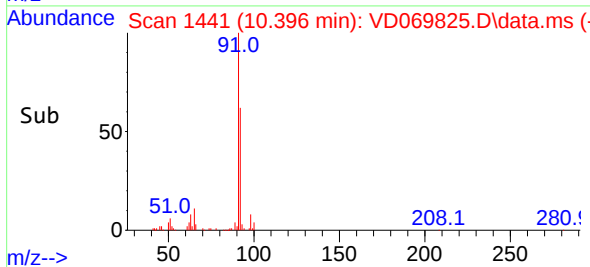
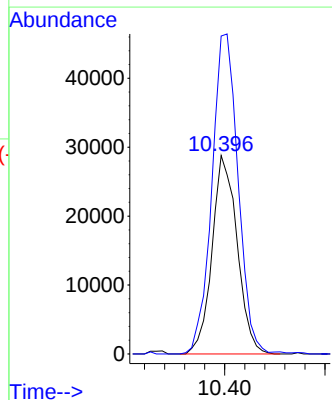
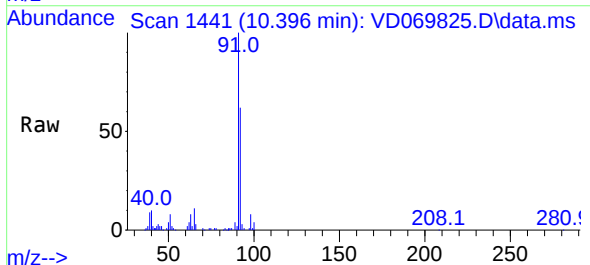
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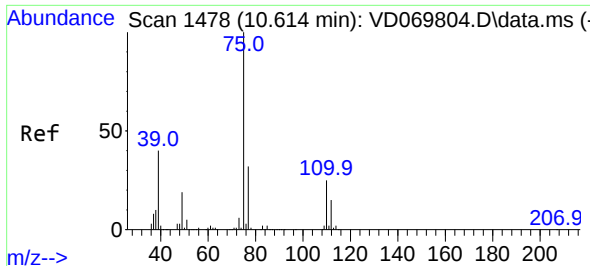
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#52
Toluene
Concen: 2.515 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 92 Resp: 49959
Ion Ratio Lower Upper
92 100
91 169.3 138.7 208.1





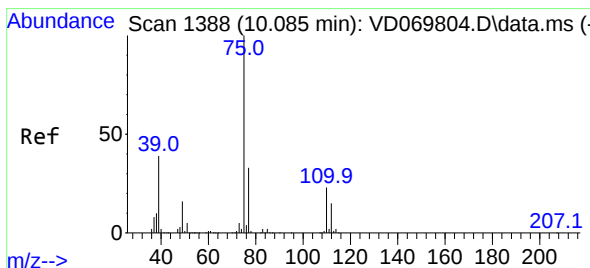
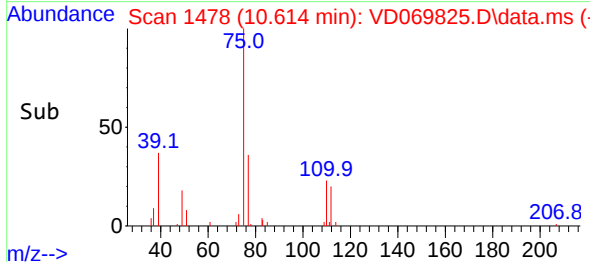
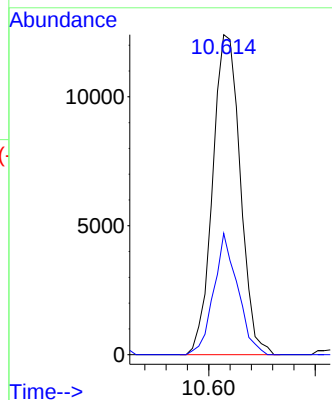
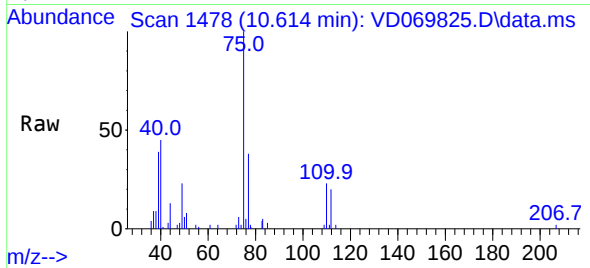
#53
t-1,3-Dichloropropene
Concen: 2.422 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 75 Resp: 22337
Ion Ratio Lower Upper
75 100
77 37.9 25.8 38.6

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

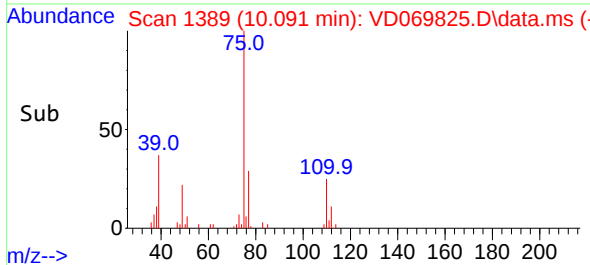
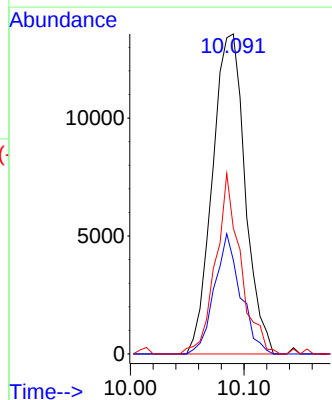
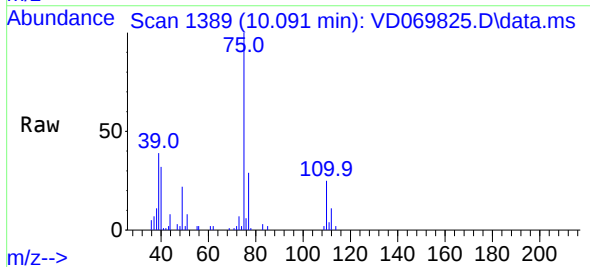
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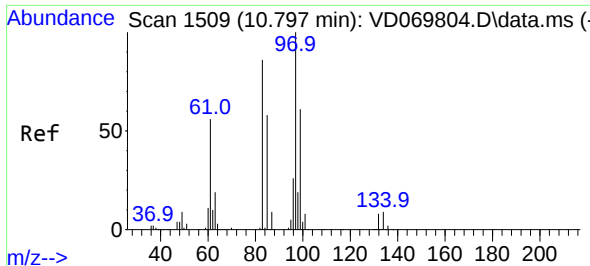
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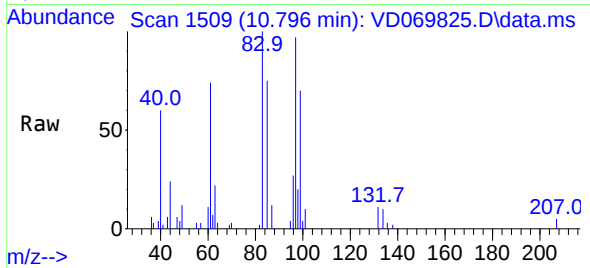
#54
cis-1,3-Dichloropropene
Concen: 2.427 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 75 Resp: 27093
Ion Ratio Lower Upper
75 100
77 29.4 26.3 39.5
39 39.3 31.0 46.6

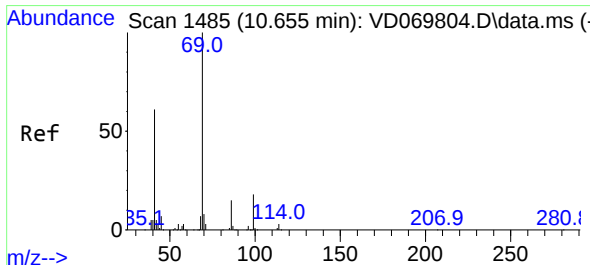
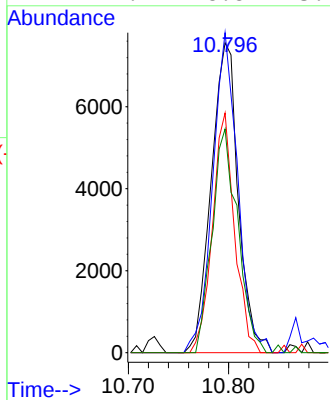
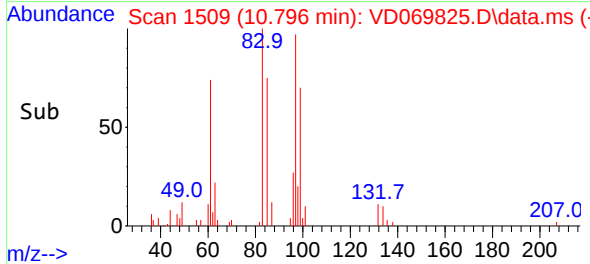




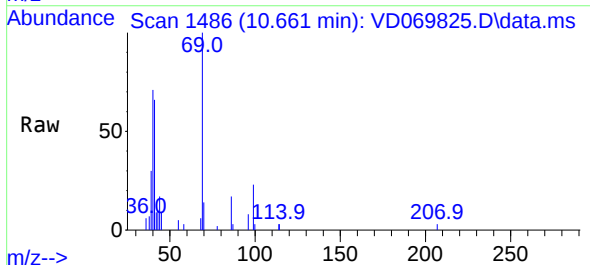
#55
1,1,2-Trichloroethane
Concen: 2.372 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



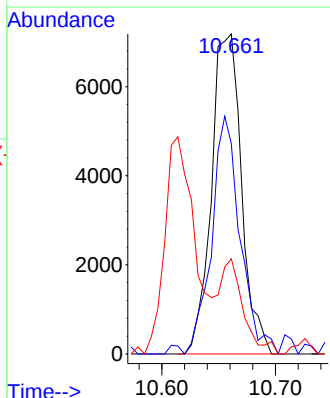
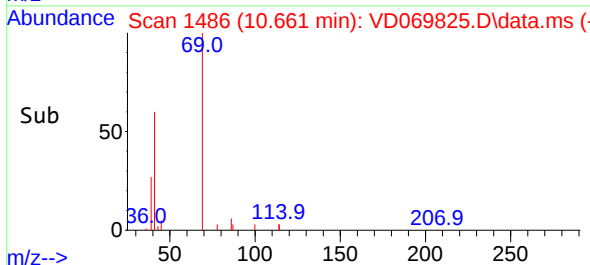
Tgt Ion: 97 Resp: 14166
Ion Ratio Lower Upper
97 100
83 103.2 69.1 103.7
85 77.3 46.2 69.2#
99 72.2 48.8 73.2



#56
Ethyl methacrylate
Concen: 2.025 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



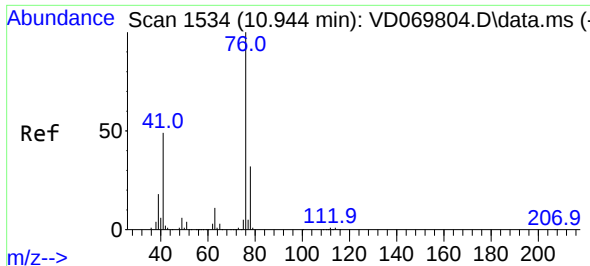
Tgt Ion: 69 Resp: 13240
Ion Ratio Lower Upper
69 100
41 71.1 50.2 75.2
39 23.8 22.0 33.0



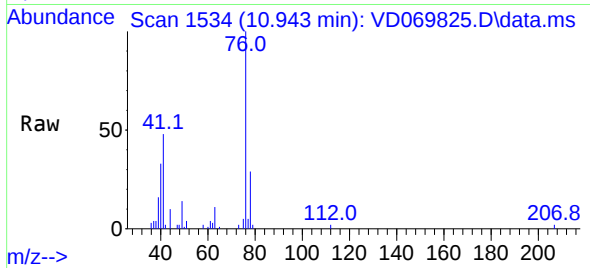
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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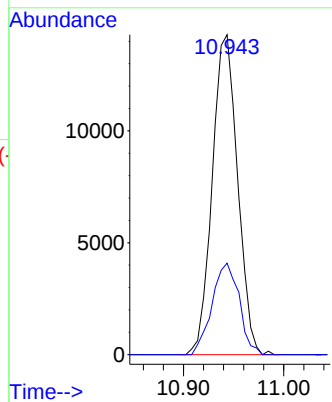
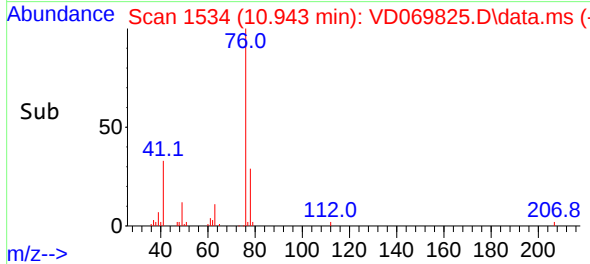
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#57
1,3-Dichloropropane
Concen: 2.482 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



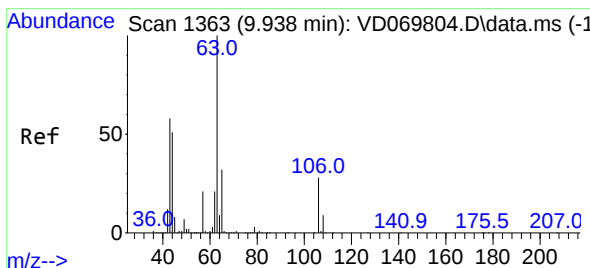
Tgt Ion: 76 Resp: 25085
Ion Ratio Lower Upper
76 100
78 30.7 26.2 39.2



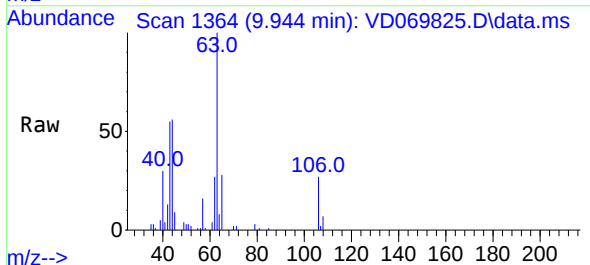
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
APPROVED

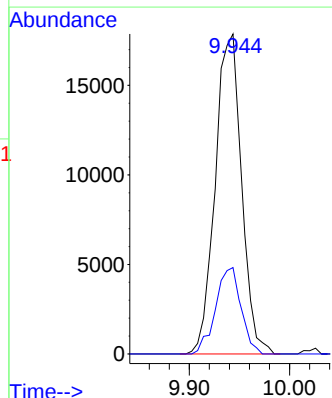
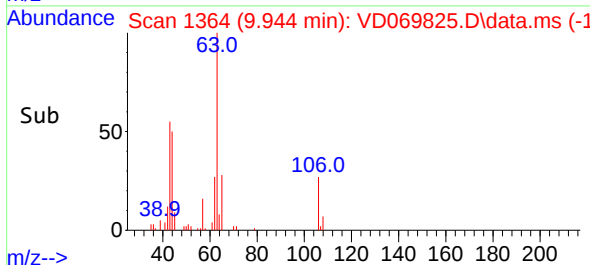
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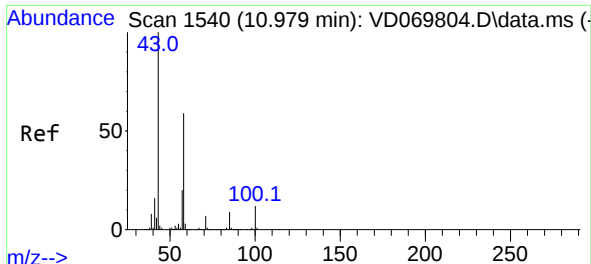


#58
2-Chloroethyl Vinyl ether
Concen: 11.634 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



Tgt Ion: 63 Resp: 32588
Ion Ratio Lower Upper
63 100
106 26.1 21.8 32.6





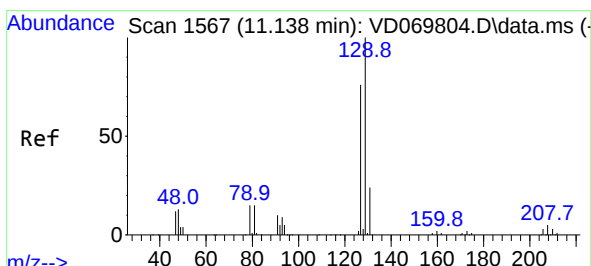
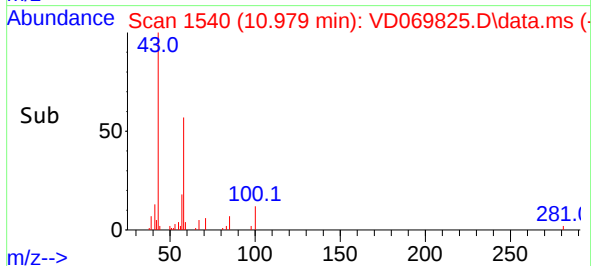
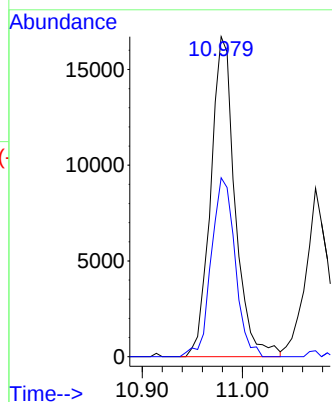
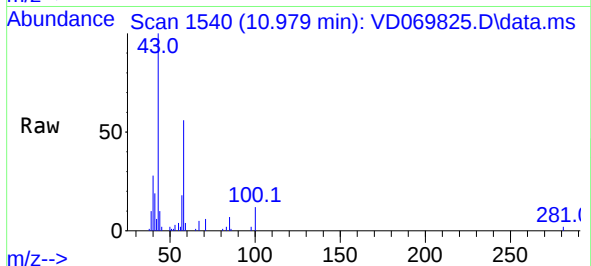
#59
2-Hexanone
Concen: 11.104 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 43 Resp: 28209
Ion Ratio Lower Upper
43 100
58 54.6 29.4 88.3

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

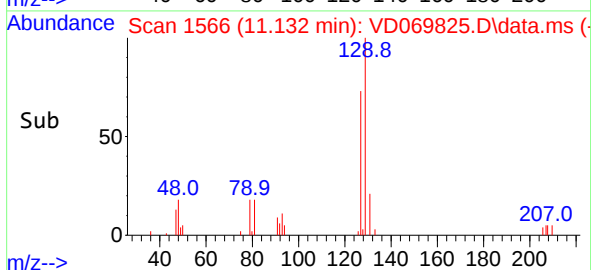
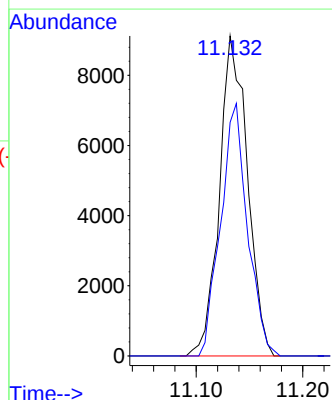
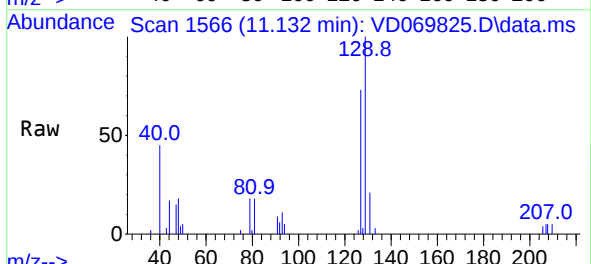
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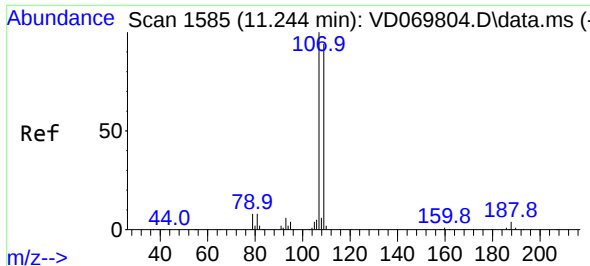
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#60
Dibromochloromethane
Concen: 2.461 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

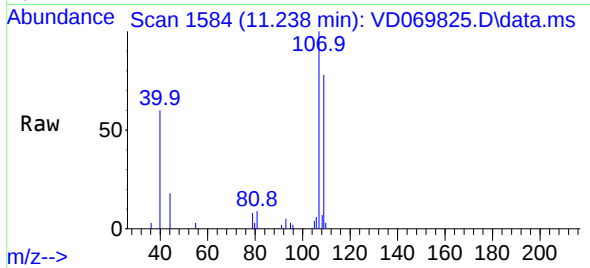
Tgt Ion: 129 Resp: 16645
Ion Ratio Lower Upper
129 100
127 75.8 38.7 116.1





#61
1,2-Dibromoethane
Concen: 2.397 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

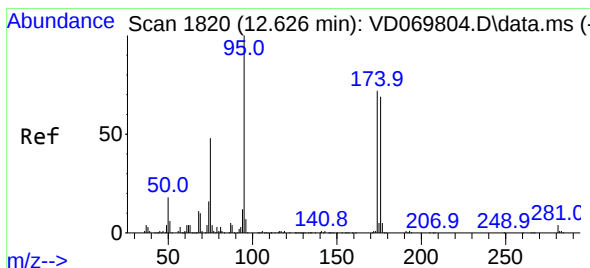
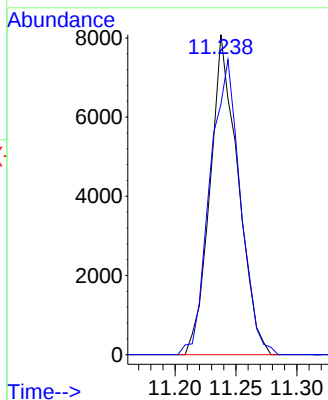
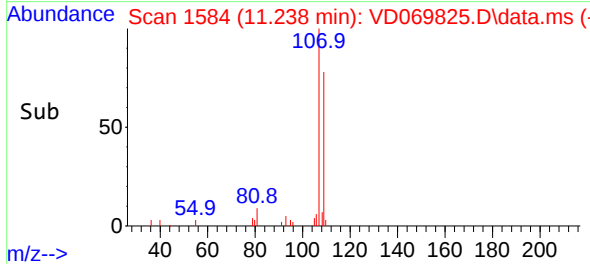
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



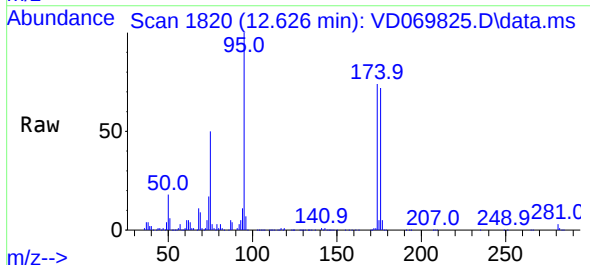
Tgt Ion:107 Resp: 12891
Ion Ratio Lower Upper
107 100
109 100.7 74.5 111.7

Manual Integrations
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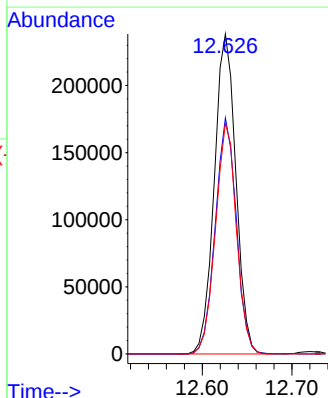
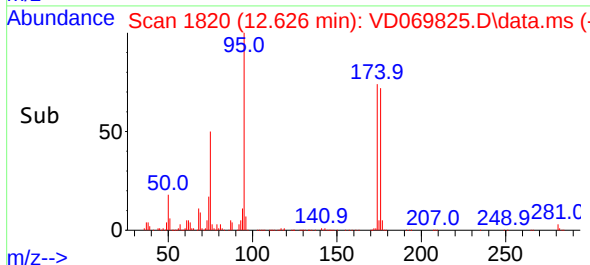
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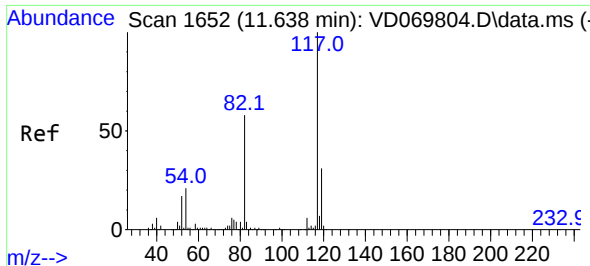


#62
4-Bromofluorobenzene
Concen: 46.771 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



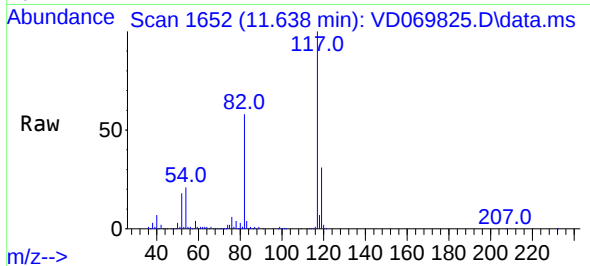
Tgt Ion: 95 Resp: 397998
Ion Ratio Lower Upper
95 100
174 71.8 0.0 142.6
176 69.8 0.0 134.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

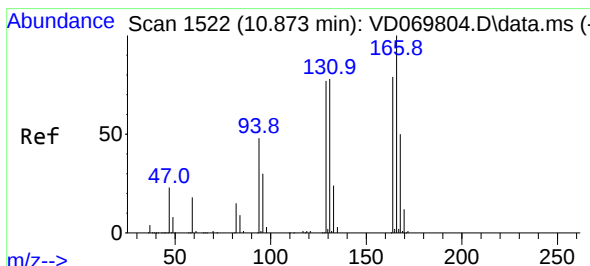
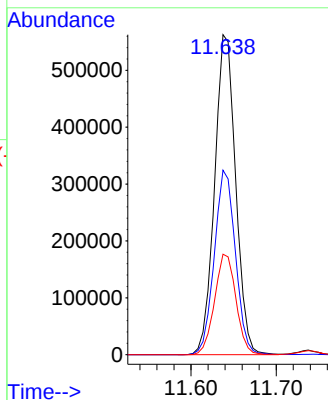
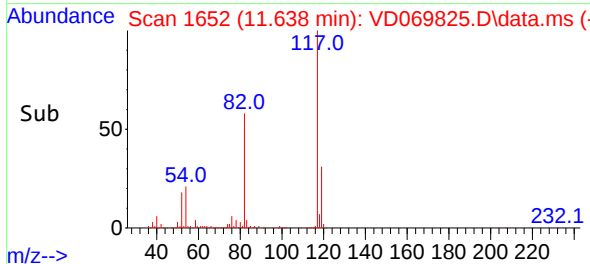
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



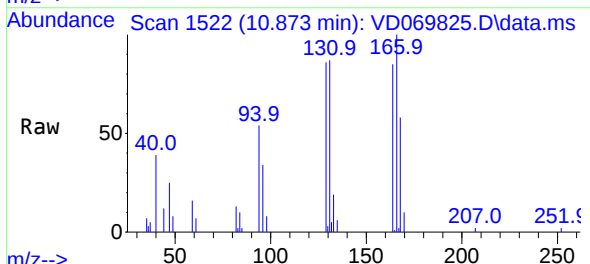
Tgt Ion:117 Resp: 967103
Ion Ratio Lower Upper
117 100
82 57.6 46.3 69.5
119 31.4 24.7 37.1

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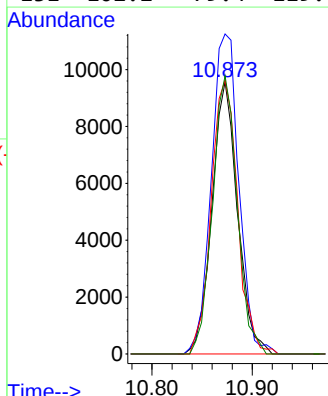
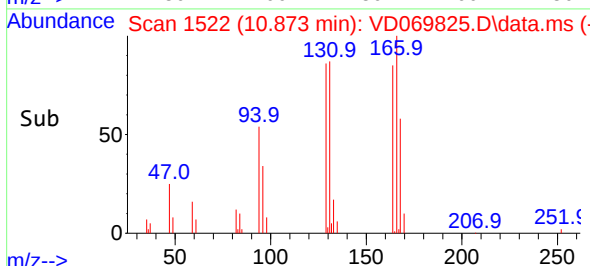
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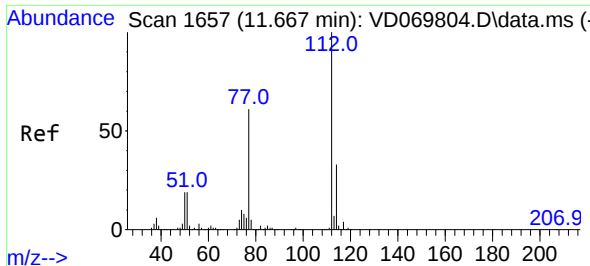


#64
Tetrachloroethene
Concen: 2.748 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



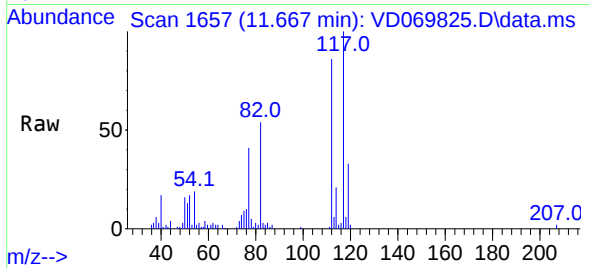
Tgt Ion:164 Resp: 16943
Ion Ratio Lower Upper
164 100
166 117.7 101.8 152.8
129 100.7 78.8 118.2
131 102.2 79.4 119.0





#65
Chlorobenzene
Concen: 2.616 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

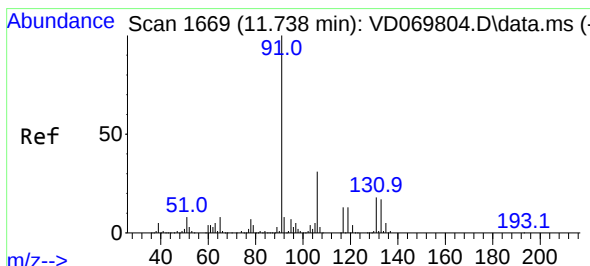
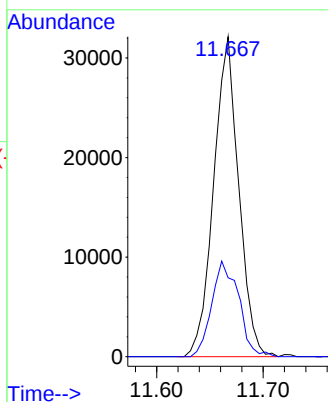
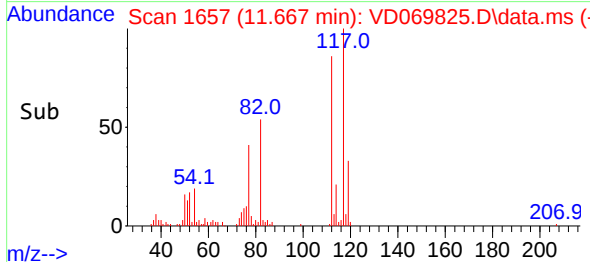
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



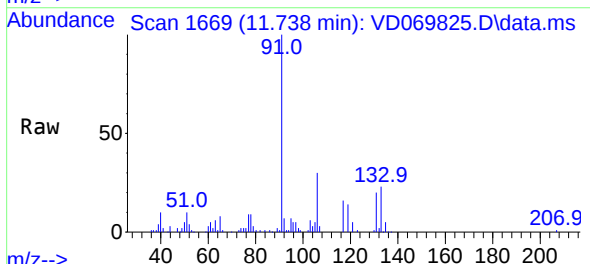
Tgt Ion:112 Resp: 52421
Ion Ratio Lower Upper
112 100
114 24.6 26.5 39.7#

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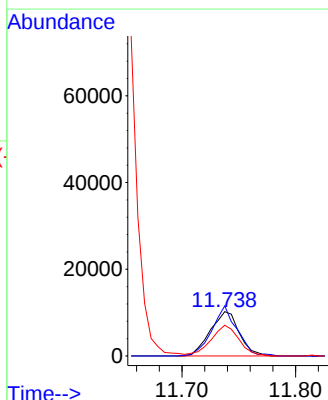
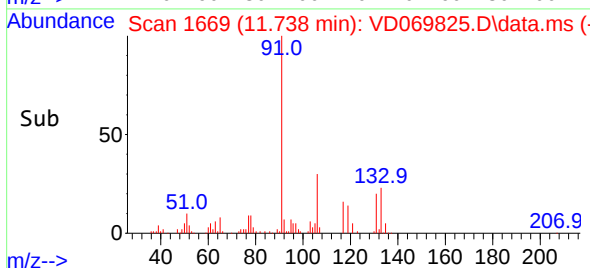
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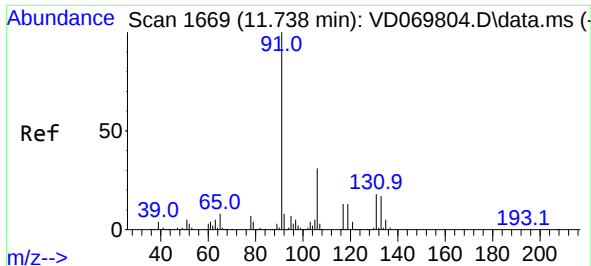


#66
1,1,1,2-Tetrachloroethane
Concen: 2.514 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



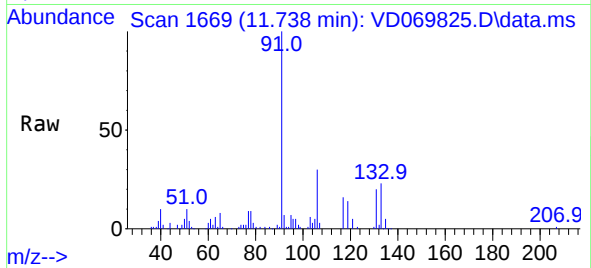
Tgt Ion:131 Resp: 18118
Ion Ratio Lower Upper
131 100
133 98.1 46.4 139.1
119 66.7 34.2 102.5





#67
Ethyl Benzene
Concen: 2.289 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

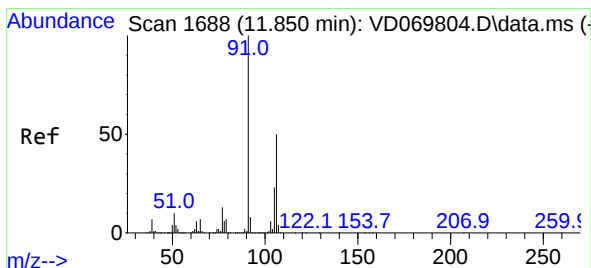
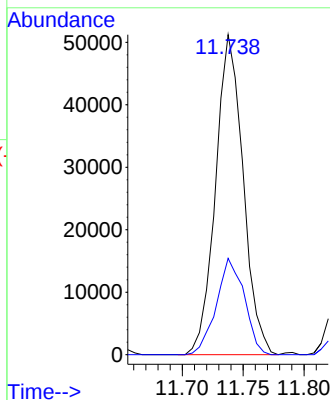
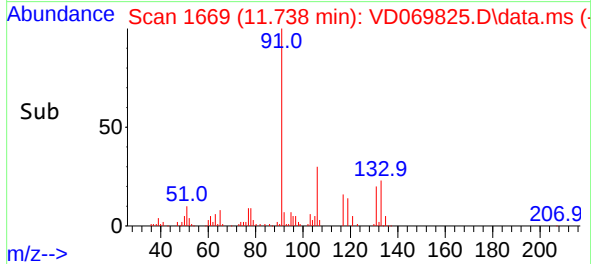
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



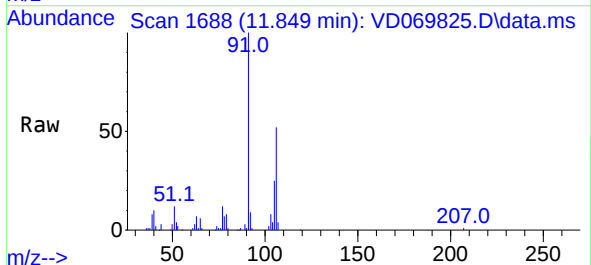
Tgt Ion: 91 Resp: 80743
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3

Manual Integrations
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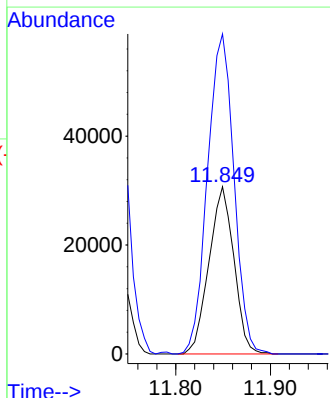
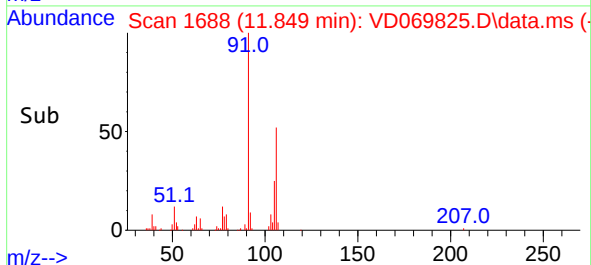
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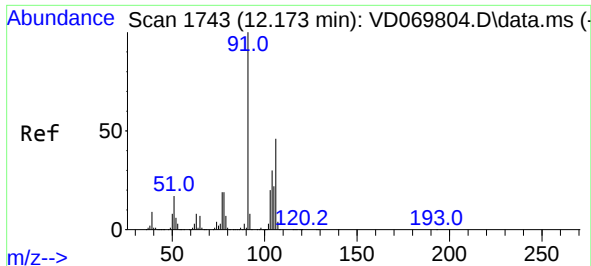


#68
m/p-Xylenes
Concen: 4.107 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



Tgt Ion: 106 Resp: 56163
Ion Ratio Lower Upper
106 100
91 202.8 162.4 243.6





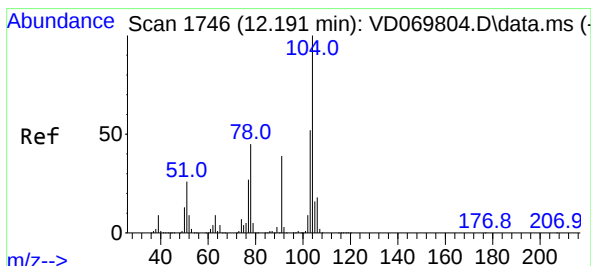
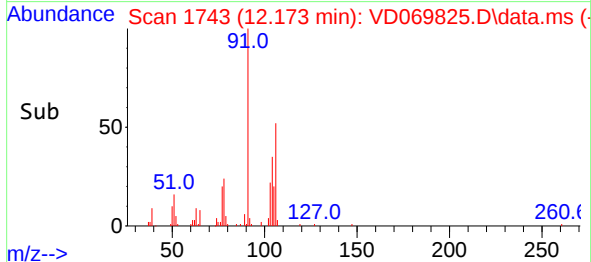
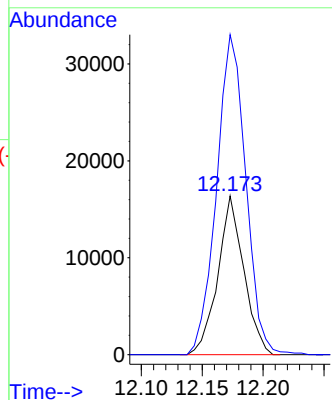
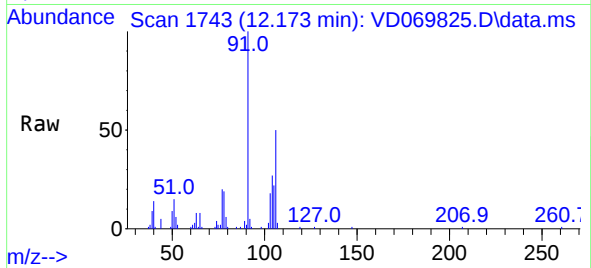
#69
o-Xylene
Concen: 1.954 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion:106 Resp: 24293
Ion Ratio Lower Upper
106 100
91 226.9 107.6 322.8

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

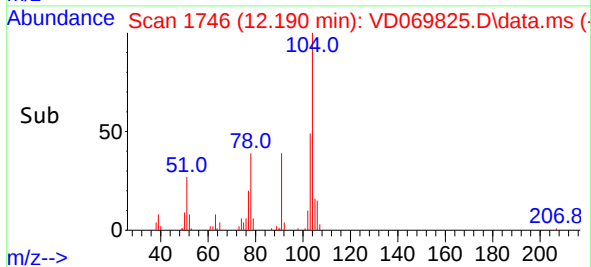
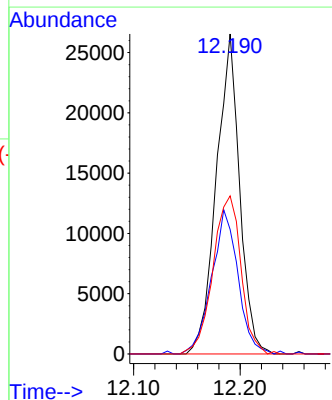
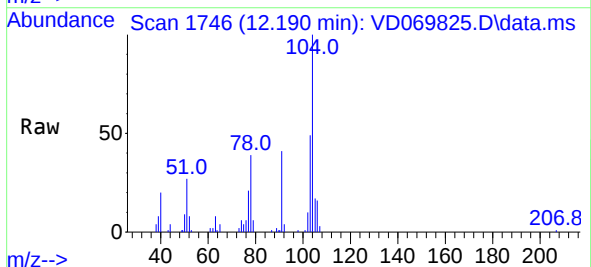
Manual Integrations
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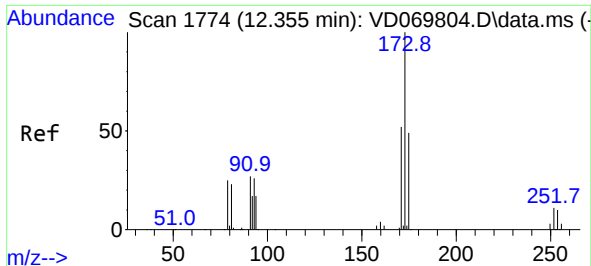
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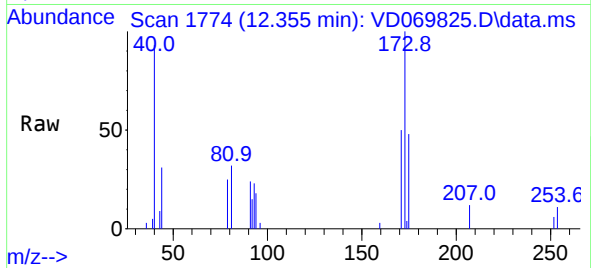
#70
Styrene
Concen: 1.870 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion:104 Resp: 40290
Ion Ratio Lower Upper
104 100
78 51.0 39.7 59.5
103 59.3 44.0 66.0

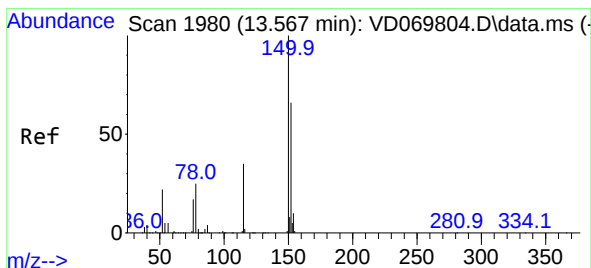
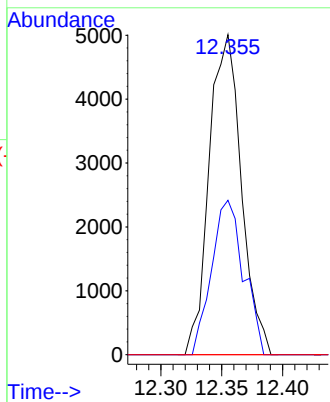
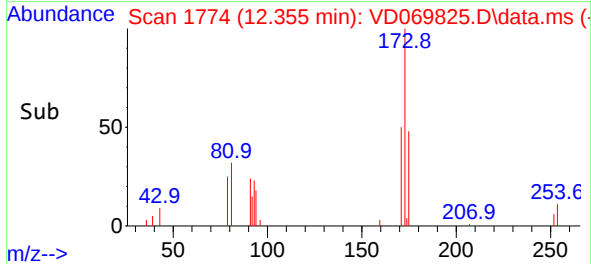




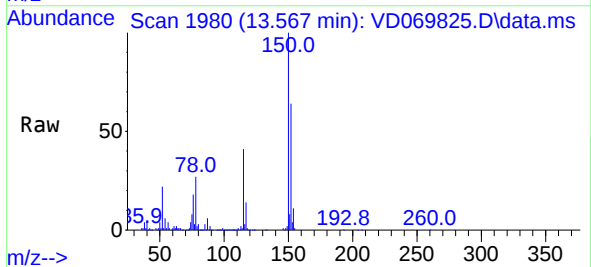
#71
Bromoform
Concen: 2.633 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



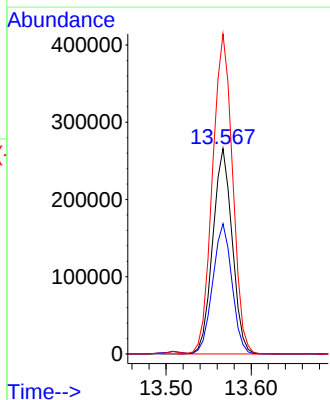
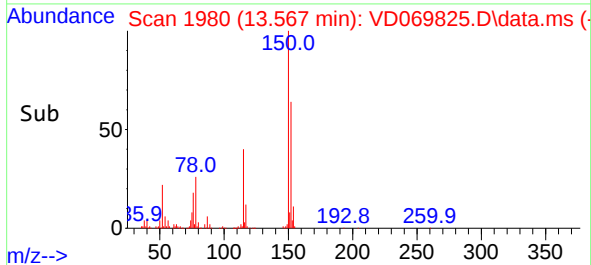
Tgt Ion:173 Resp: 9215
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.3
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



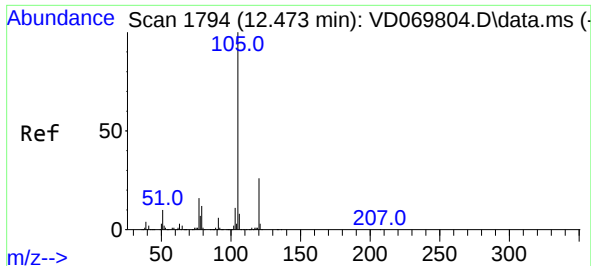
Tgt Ion:152 Resp: 421749
Ion Ratio Lower Upper
152 100
115 63.0 31.1 93.3
150 161.2 0.0 343.0



Instrument :
MSVOA_D
ClientSampleId :
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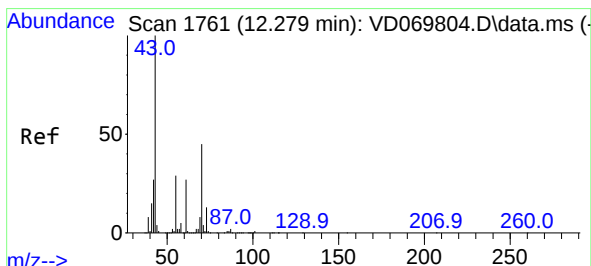
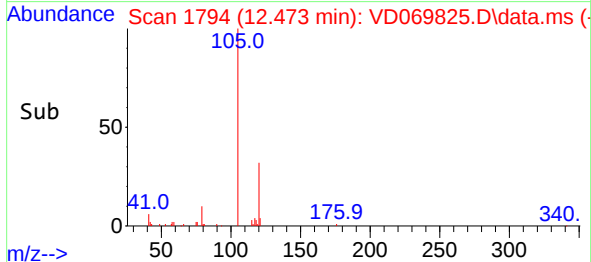
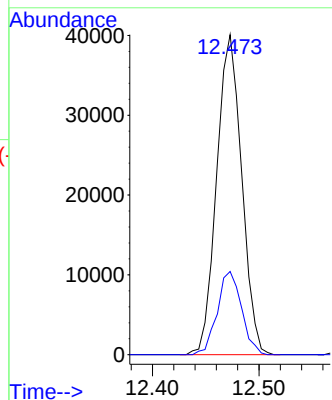
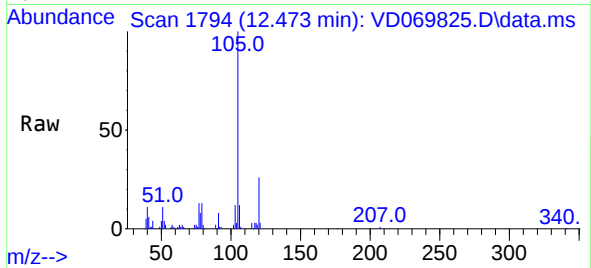
#73
Isopropylbenzene
Concen: 2.157 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 105 Resp: 65366
Ion Ratio Lower Upper
105 100
120 25.2 13.0 38.9

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

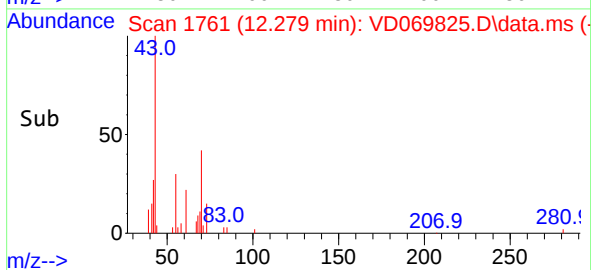
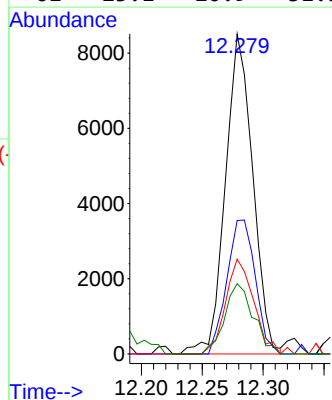
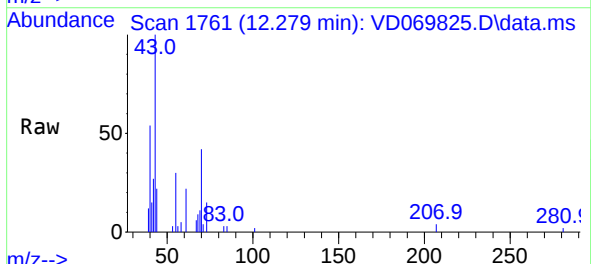
Manual Integrations
APPROVED

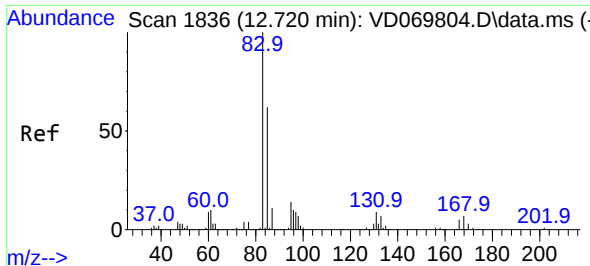
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#74
N-ethyl acetate
Concen: 2.139 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 43 Resp: 13335
Ion Ratio Lower Upper
43 100
70 43.3 37.9 56.9
55 30.6 23.7 35.5
61 23.1 20.9 31.3





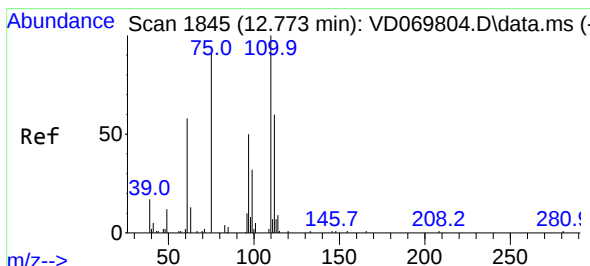
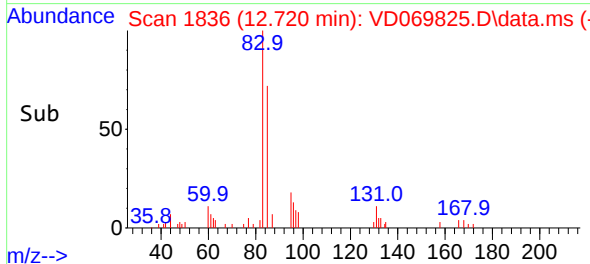
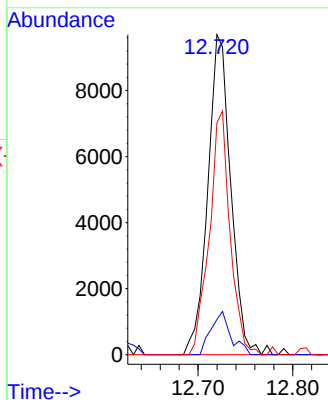
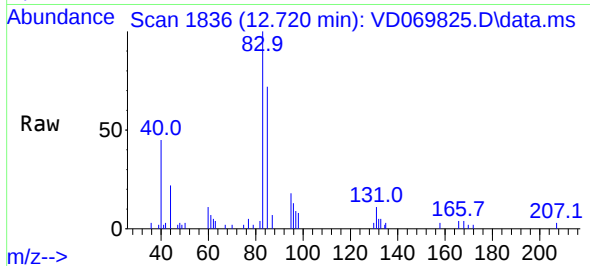
#75
1,1,2,2-Tetrachloroethane
Concen: 2.704 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.6	4.9	14.6
85	68.4	31.8	95.4

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

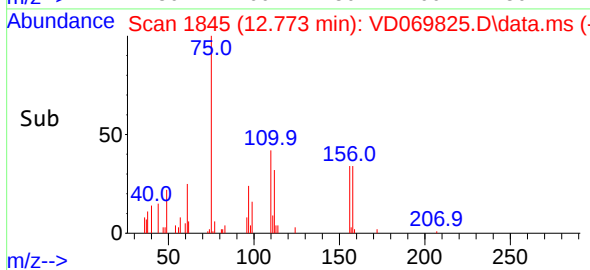
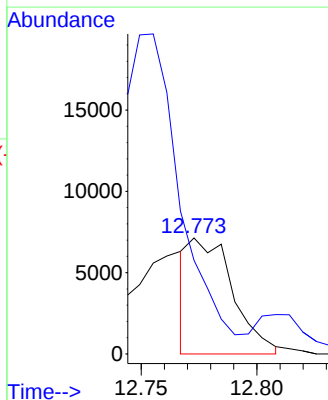
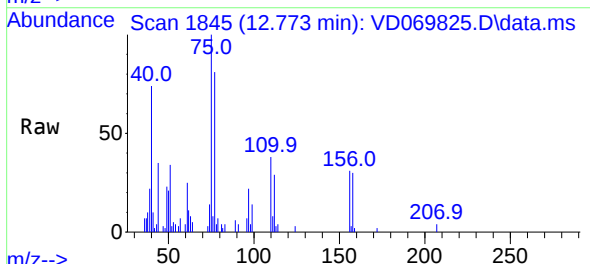
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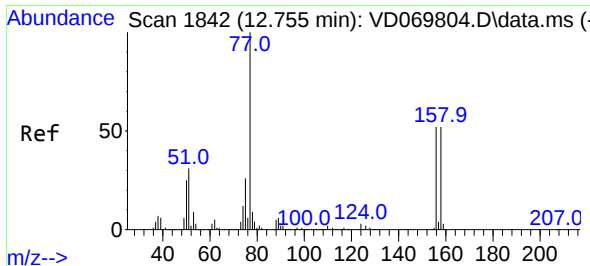
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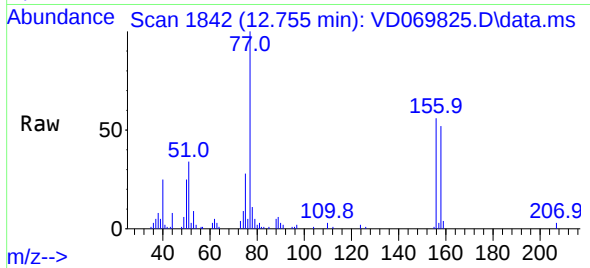
#76
1,2,3-Trichloropropane
Concen: 2.097 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	396.4	181.5	544.5

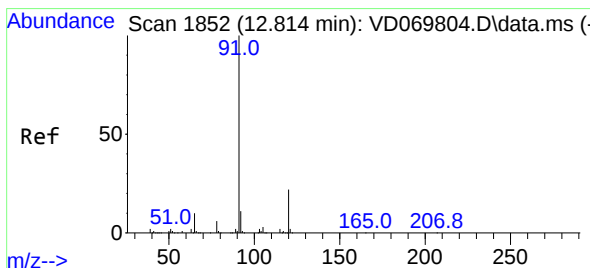
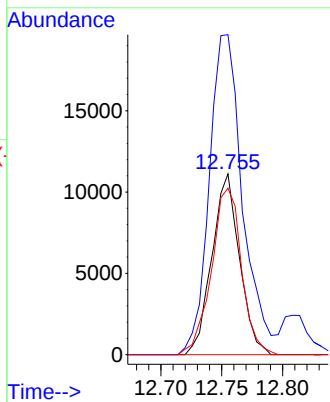
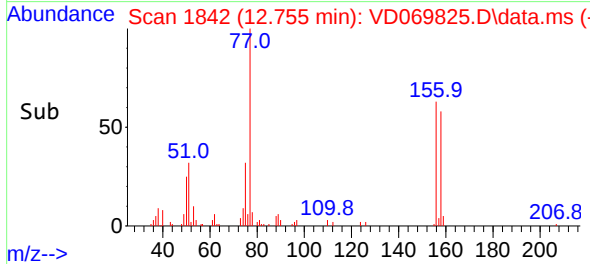




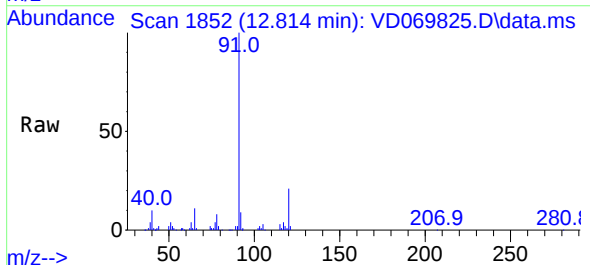
#77
Bromobenzene
Concen: 2.573 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



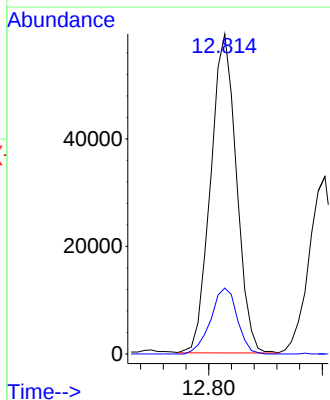
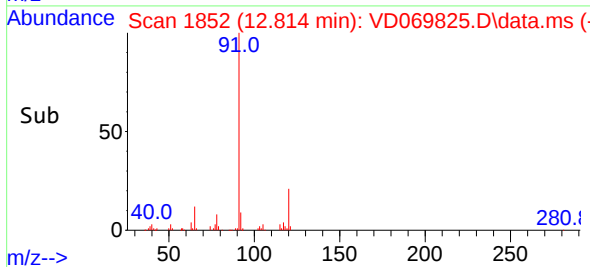
Tgt Ion:156 Resp: 17558
Ion Ratio Lower Upper
156 100
77 212.2 107.1 321.3
158 100.2 48.1 144.3



#78
n-propylbenzene
Concen: 2.407 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



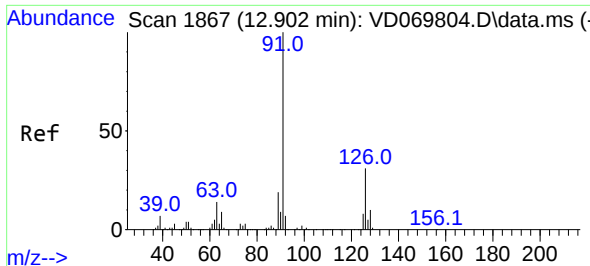
Tgt Ion: 91 Resp: 93685
Ion Ratio Lower Upper
91 100
120 21.2 10.9 32.7



Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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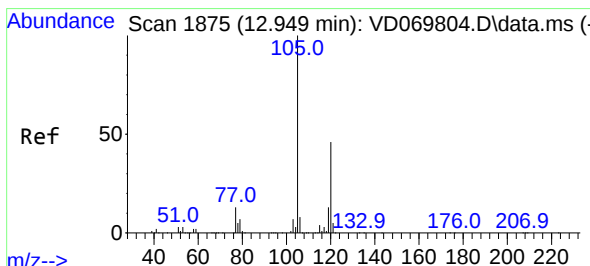
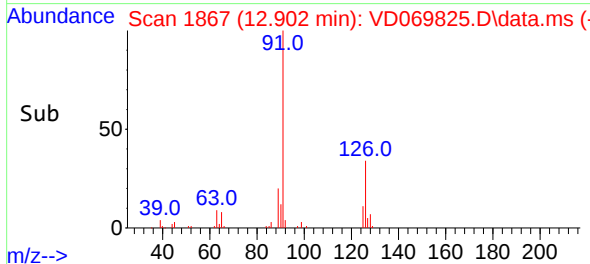
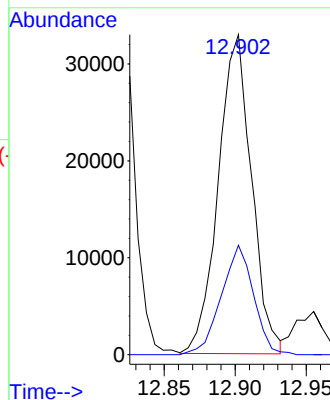
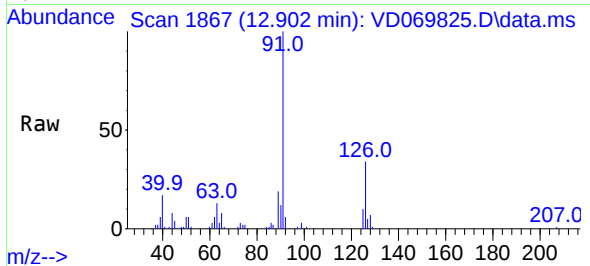
#79
2-Chlorotoluene
Concen: 2.372 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 91 Resp: 53618
Ion Ratio Lower Upper
91 100
126 33.2 15.9 47.7

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

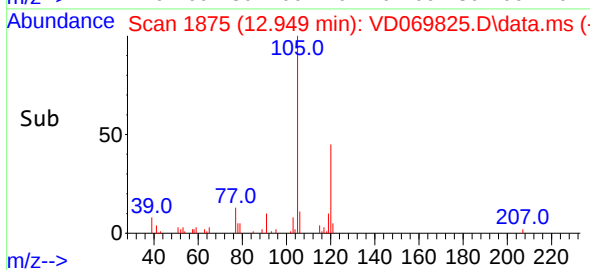
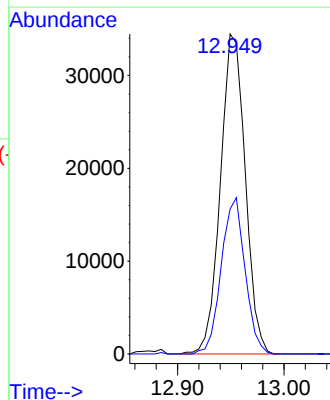
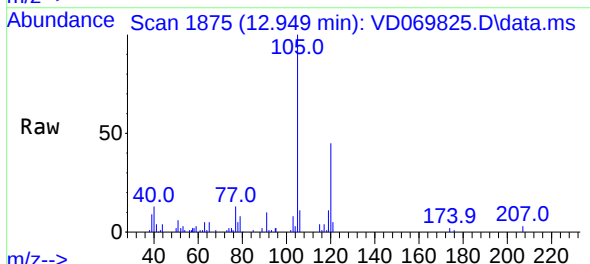
Manual Integrations
APPROVED

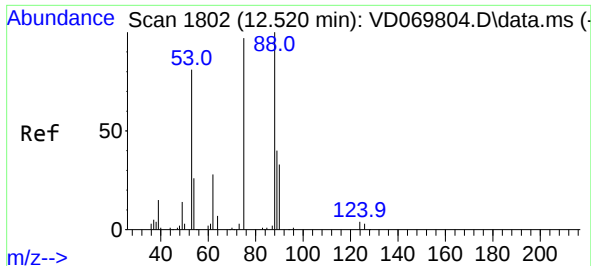
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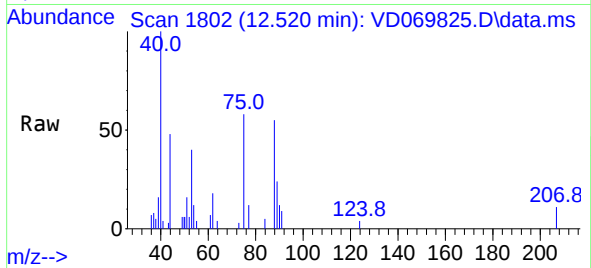
#80
1,3,5-Trimethylbenzene
Concen: 2.154 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 105 Resp: 55847
Ion Ratio Lower Upper
105 100
120 46.6 23.8 71.2

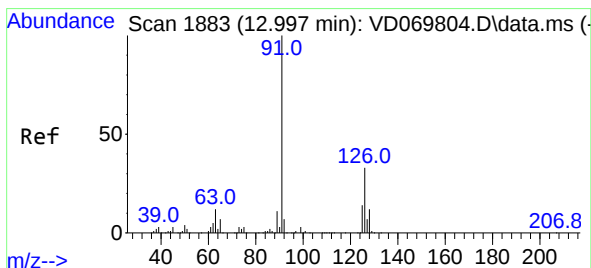
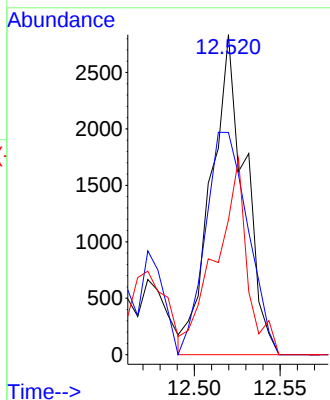
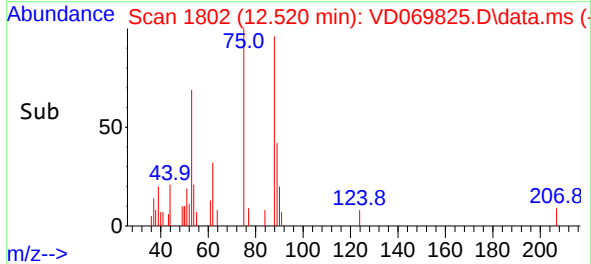




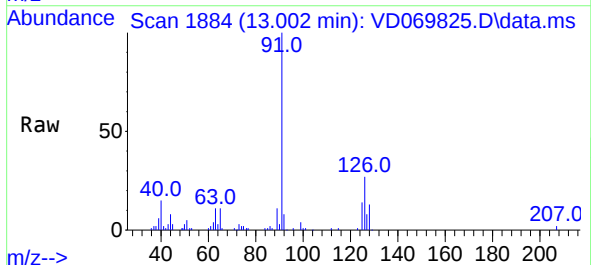
#81
trans-1,4-Dichloro-2-butene
Concen: 2.641 ug/l m
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



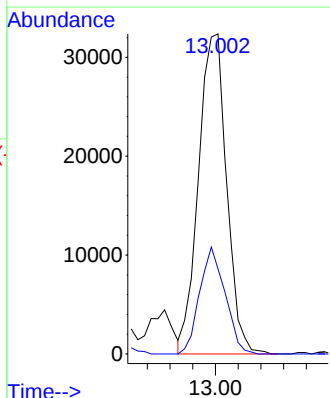
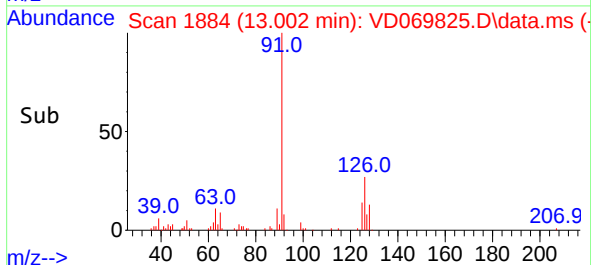
Tgt Ion: 75 Resp: 3903
Ion Ratio Lower Upper
75 100
53 11.2 67.2 100.8#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 2.357 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



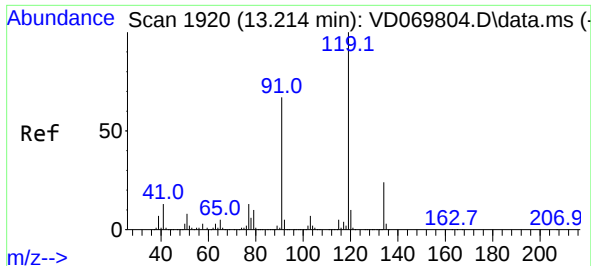
Tgt Ion: 91 Resp: 55698
Ion Ratio Lower Upper
91 100
126 30.2 15.9 47.6



Instrument :
MSVOA_D
ClientSampleId :
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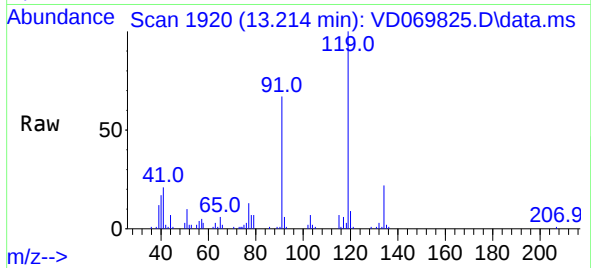
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#83
tert-Butylbenzene
Concen: 2.215 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

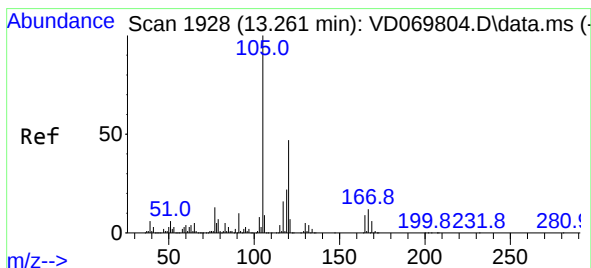
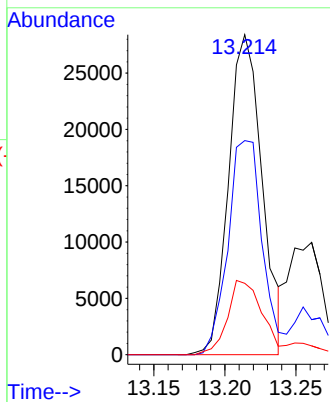
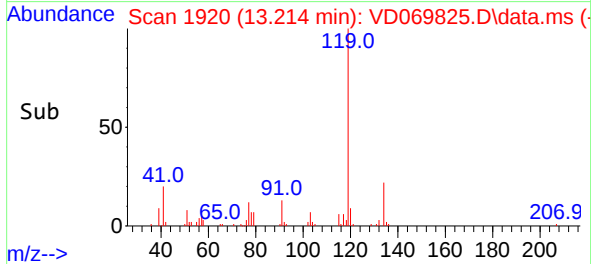
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



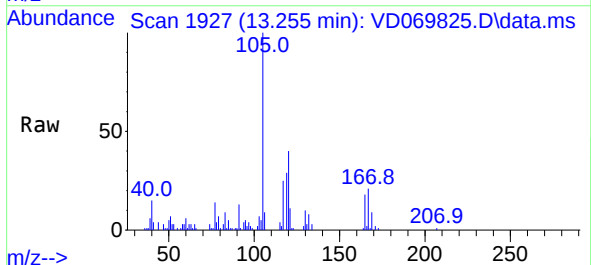
Tgt Ion:119 Resp: 46675
Ion Ratio Lower Upper
119 100
91 69.1 33.7 101.1
134 24.2 13.3 39.8

Manual Integrations
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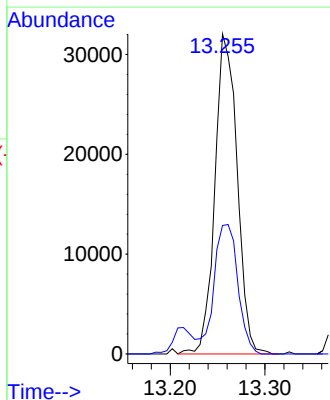
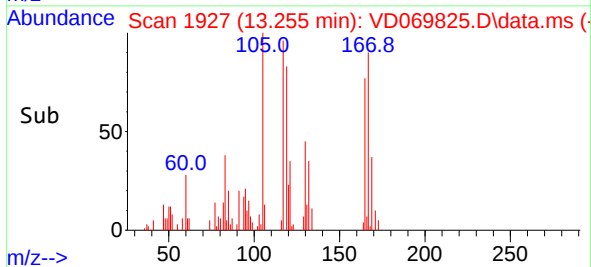
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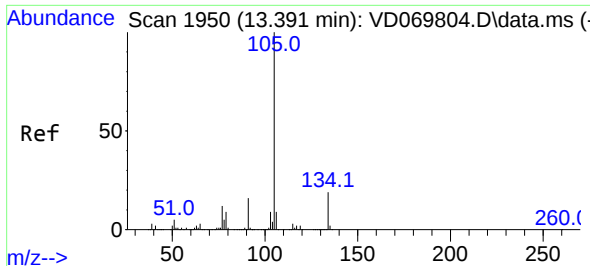


#84
1,2,4-Trimethylbenzene
Concen: 2.046 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



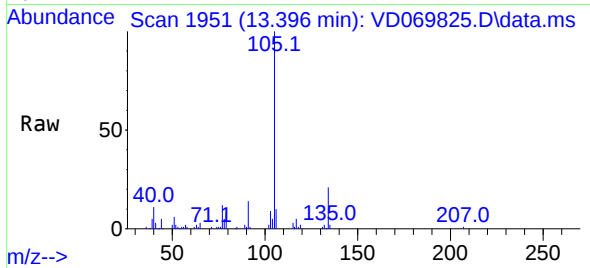
Tgt Ion:105 Resp: 52311
Ion Ratio Lower Upper
105 100
120 43.9 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 2.153 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. 0.006 min
 Lab File: VD069825.D
 Acq: 23 Jul 2021 13:29

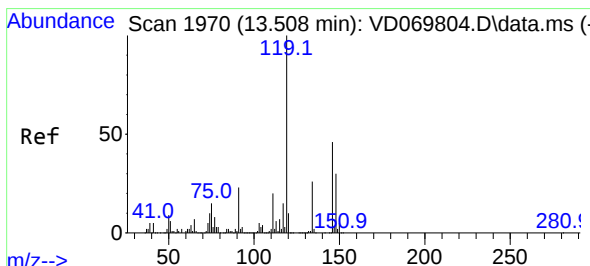
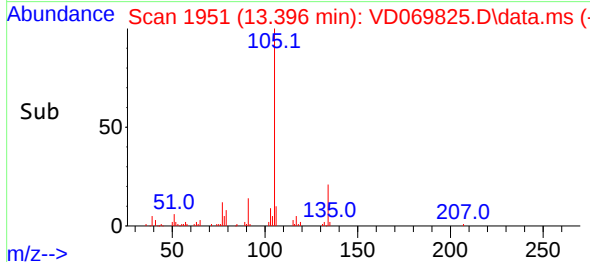
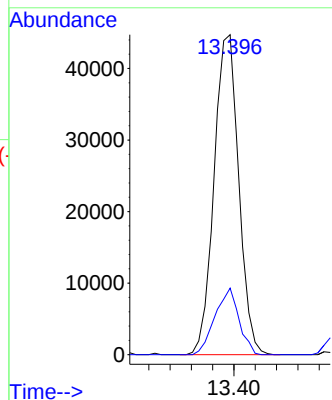
Instrument :
 MSVOA_D
 ClientSampleId :
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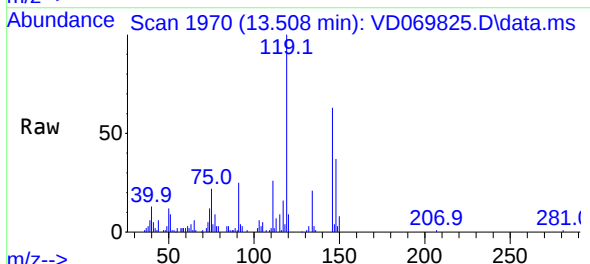
Tgt Ion:105 Resp: 71748
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.6 28.6

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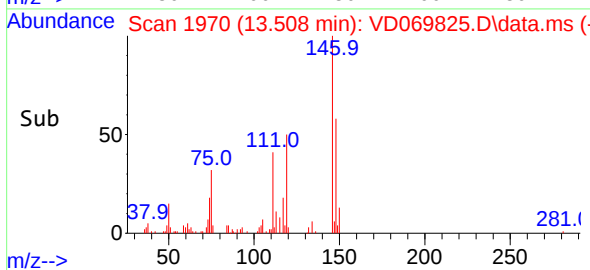
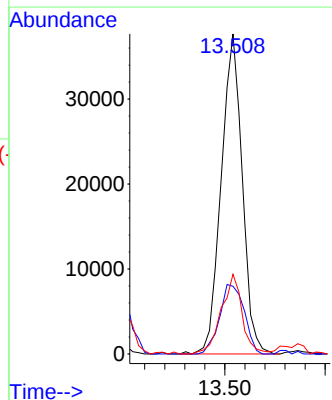
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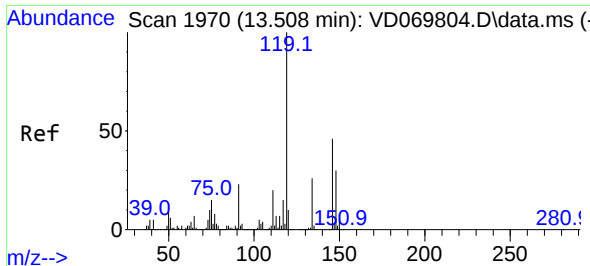


#86
 p-Isopropyltoluene
 Concen: 2.022 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.000 min
 Lab File: VD069825.D
 Acq: 23 Jul 2021 13:29



Tgt Ion:119 Resp: 54744
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 24.7 11.7 35.1





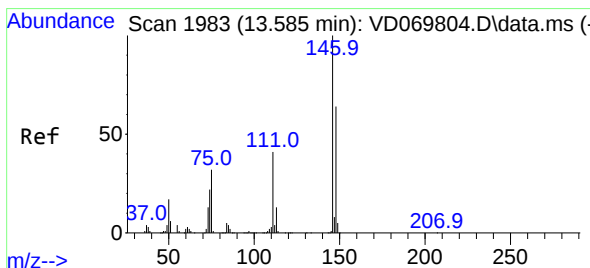
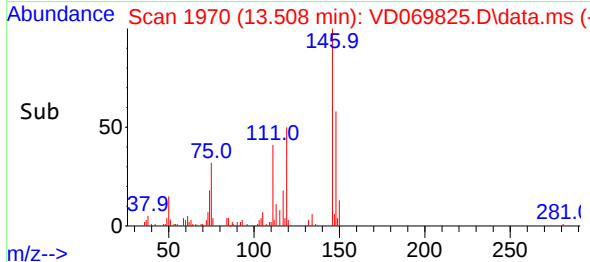
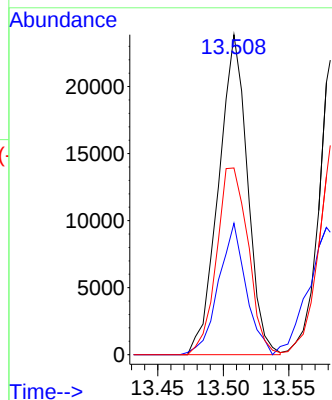
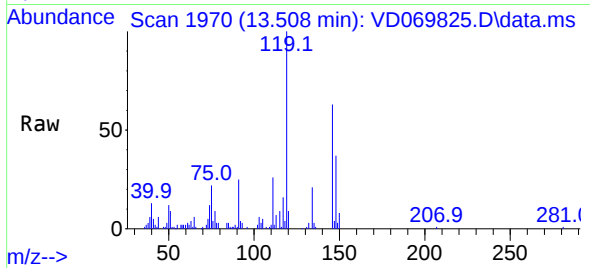
#87
1,3-Dichlorobenzene
Concen: 2.553 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion:146 Resp: 36588
Ion Ratio Lower Upper
146 100
111 39.2 21.7 65.1
148 63.8 32.1 96.3

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

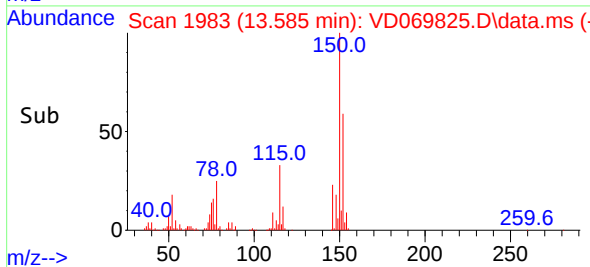
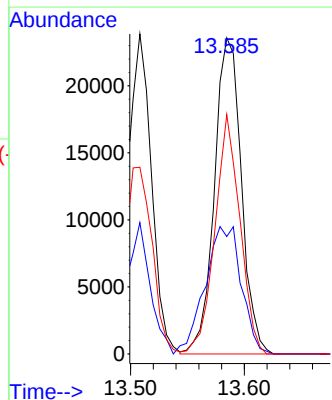
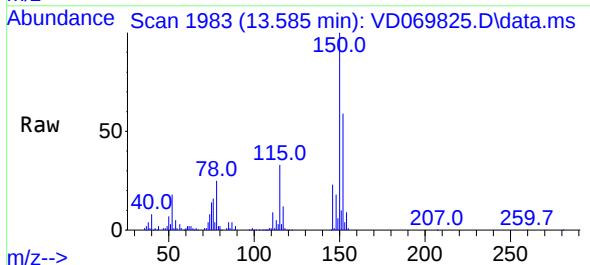
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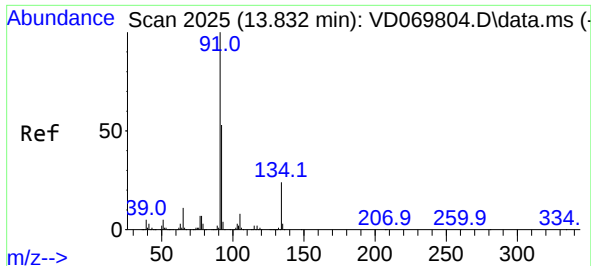
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#88
1,4-Dichlorobenzene
Concen: 2.726 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

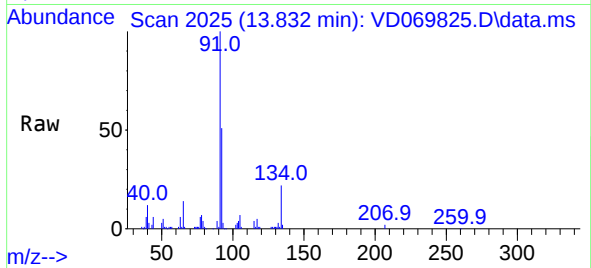
Tgt Ion:146 Resp: 38927
Ion Ratio Lower Upper
146 100
111 54.2 20.8 62.4
148 70.4 31.6 95.0





#89
n-Butylbenzene
Concen: 2.240 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

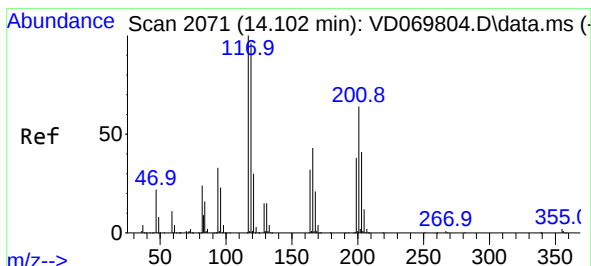
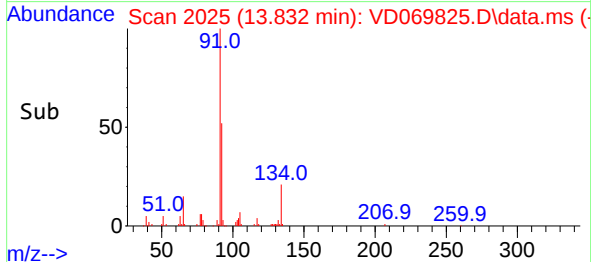
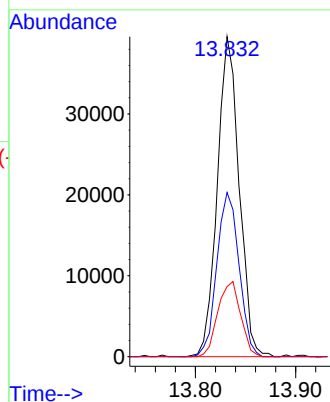
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion: 91 Resp: 59840
Ion Ratio Lower Upper
91 100
92 52.0 26.6 79.7
134 24.5 11.9 35.7

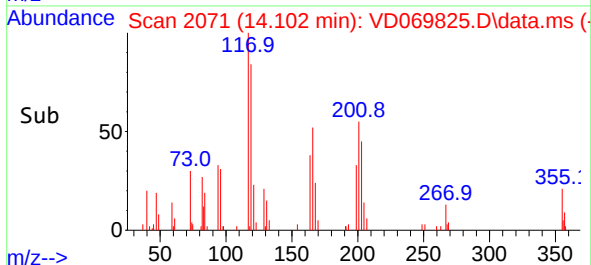
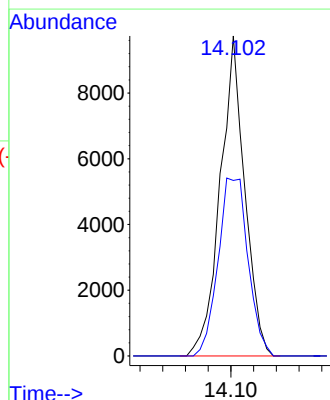
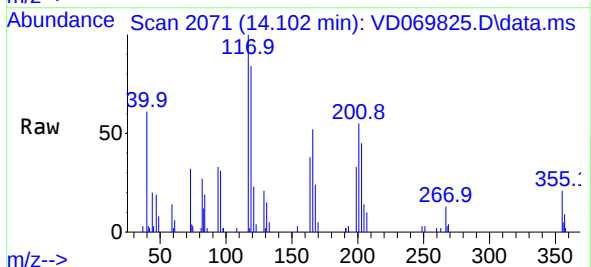
Manual Integrations
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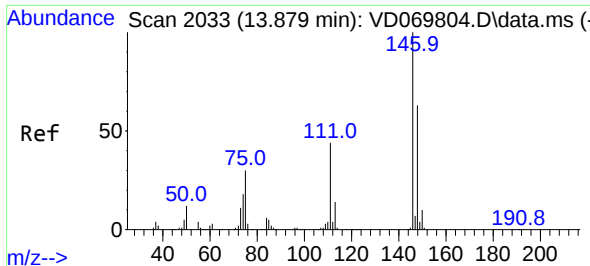
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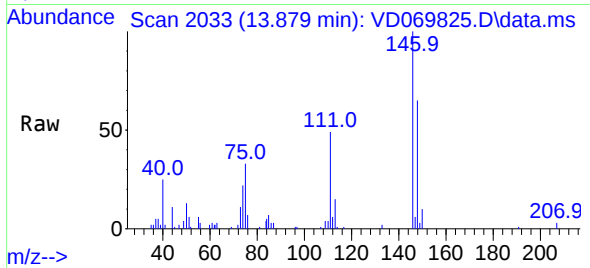
#90
Hexachloroethane
Concen: 2.550 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 117 Resp: 14623
Ion Ratio Lower Upper
117 100
201 67.8 31.9 95.5

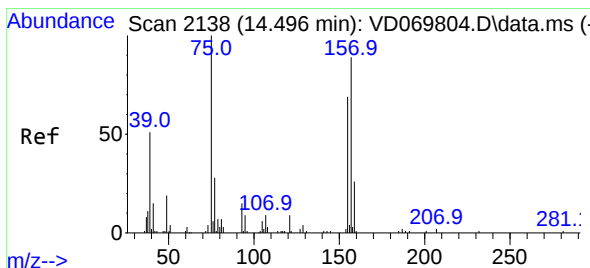
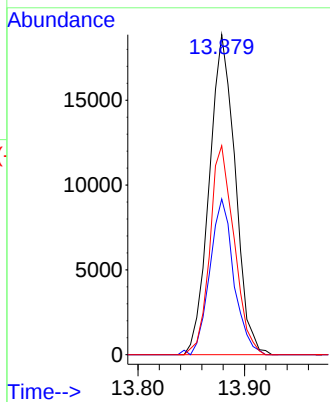
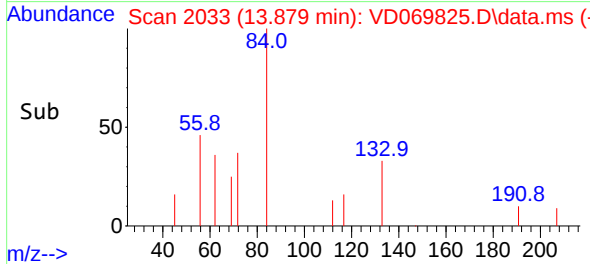




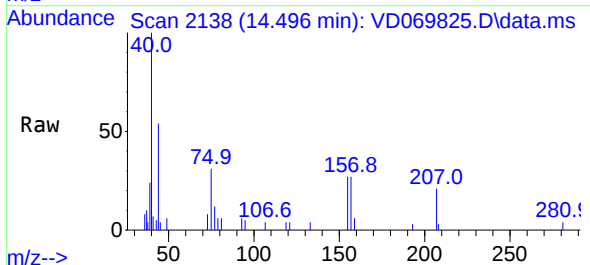
#91
1,2-Dichlorobenzene
Concen: 2.577 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



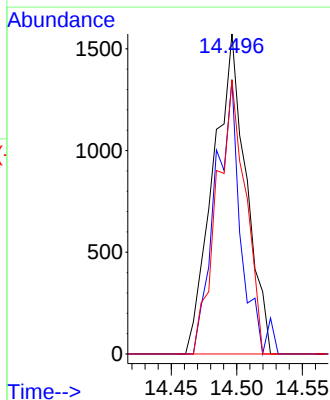
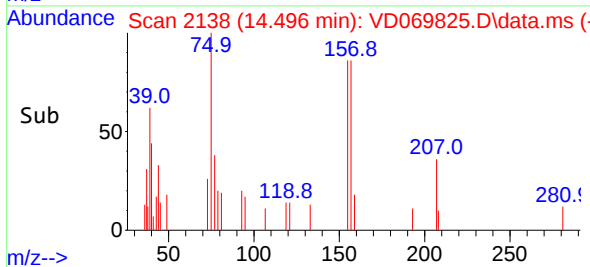
Tgt Ion:146 Resp: 31871
Ion Ratio Lower Upper
146 100
111 45.1 21.7 65.1
148 61.1 31.2 93.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.147 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



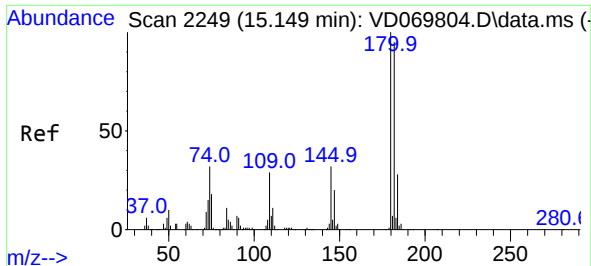
Tgt Ion: 75 Resp: 2742
Ion Ratio Lower Upper
75 100
155 67.1 36.3 108.9
157 74.7 47.0 141.0



Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

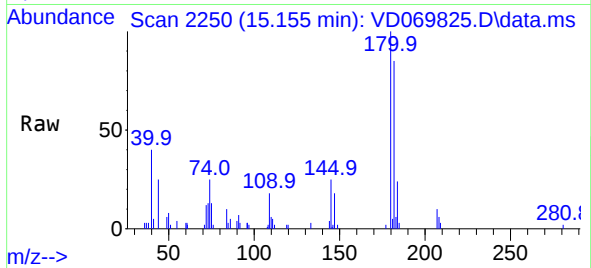
Manual Integrations
APPROVED

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7/26/2021 5:19:04 PM



#93
1,2,4-Trichlorobenzene
Concen: 2.761 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

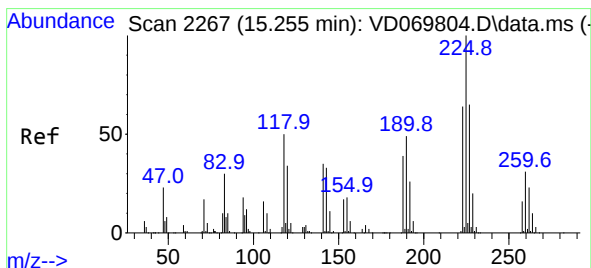
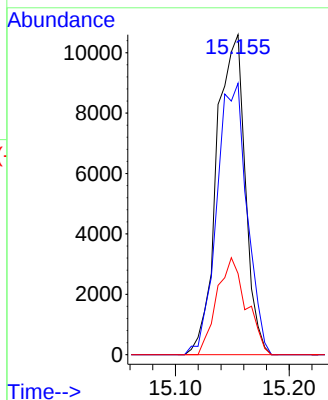
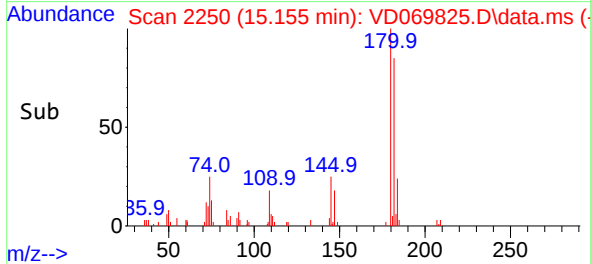
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



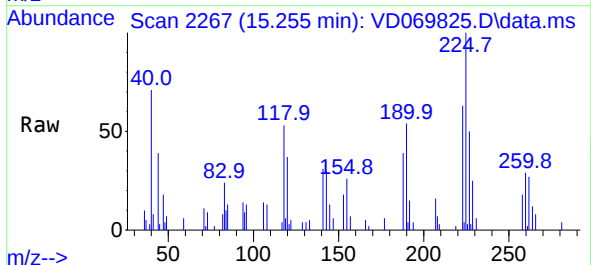
Tgt Ion:180 Resp: 18421
Ion Ratio Lower Upper
180 100
182 90.2 47.6 142.9
145 31.5 16.4 49.2

Manual Integrations
APPROVED

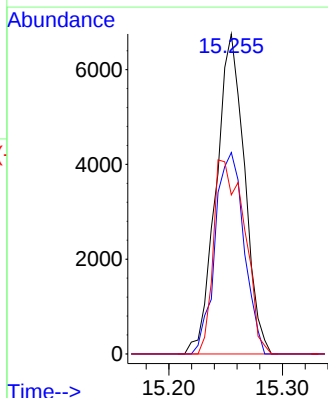
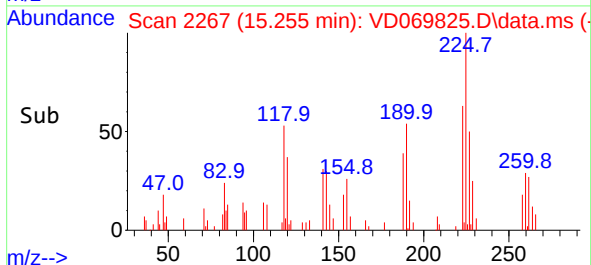
MMDadoda
7/26/2021 5:19:04 PM

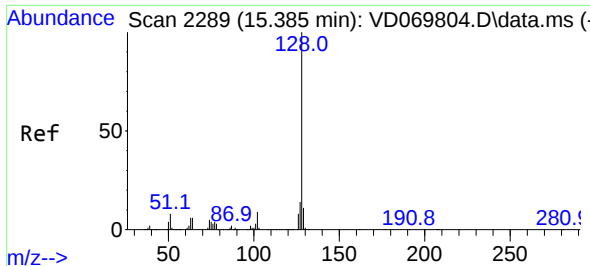


#94
Hexachlorobutadiene
Concen: 2.869 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



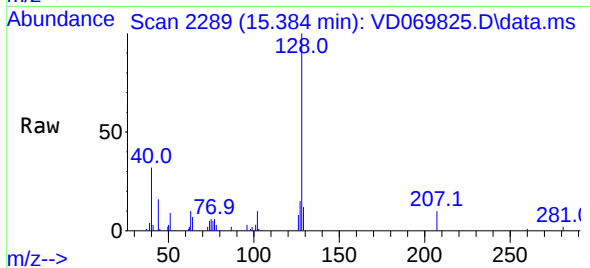
Tgt Ion:225 Resp: 11710
Ion Ratio Lower Upper
225 100
223 64.0 31.5 94.5
227 66.2 31.9 95.7





#95
Naphthalene
Concen: 2.329 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

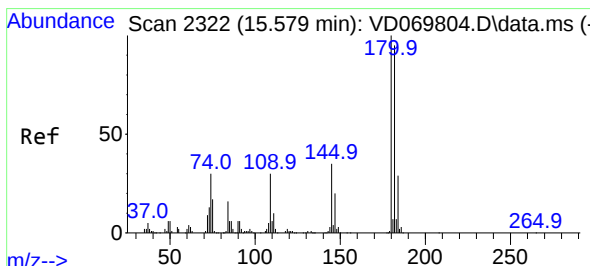
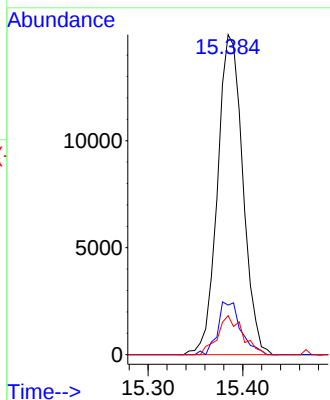
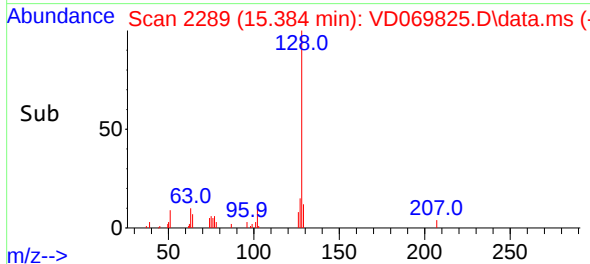
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



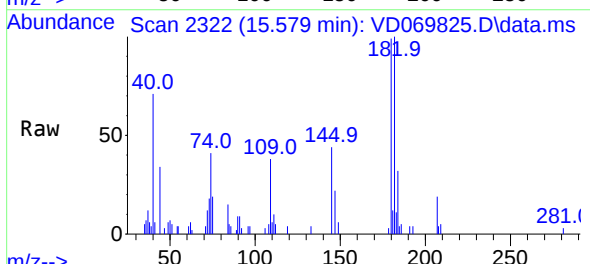
Tgt Ion:128 Resp: 27740
Ion Ratio Lower Upper
128 100
127 15.1 10.6 16.0
129 12.1 8.6 12.8

Manual Integrations
APPROVED

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7/26/2021 5:19:04 PM



#96
1,2,3-Trichlorobenzene
Concen: 2.450 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



Tgt Ion:180 Resp: 14138
Ion Ratio Lower Upper
180 100
182 94.7 47.3 142.0
145 40.5 17.3 51.9

