

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072621\
 Data File : VD069851.D
 Acq On : 26 Jul 2021 16:51
 Operator : VA/SY
 Sample : M2940-01 4PPBLOD
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jul 27 08:18:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 27 08:17:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	709299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1327308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1269692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	575108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	399881	49.020	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.040%		
35) Dibromofluoromethane	7.914	113	391934	46.841	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.680%		
50) Toluene-d8	10.338	98	1493977	46.305	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.600%		
62) 4-Bromofluorobenzene	12.626	95	522940	48.498	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	29735	3.983	ug/l	91
3) Chloromethane	2.209	50	41671	3.848	ug/l	93
4) Vinyl Chloride	2.344	62	43262	3.798	ug/l	94
5) Bromomethane	2.768	94	33325	4.467	ug/l	99
6) Chloroethane	2.921	64	29360	3.977	ug/l	92
7) Trichlorofluoromethane	3.268	101	56693	4.032	ug/l	97
8) Diethyl Ether	3.709	74	15712	3.972	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.085	101	36981	4.141	ug/l	97
10) Methyl Iodide	4.303	142	23365	2.994	ug/l #	93
11) Tert butyl alcohol	5.220	59	11368m	26.931	ug/l	
12) 1,1-Dichloroethene	4.067	96	32030	3.947	ug/l	95
13) Acrolein	3.920	56	8548	14.466	ug/l	84
14) Allyl chloride	4.709	41	42541	3.575	ug/l	98
15) Acrylonitrile	5.420	53	34416	18.497	ug/l	96
16) Acetone	4.150	43	28255	19.174	ug/l	89
17) Carbon Disulfide	4.403	76	109153	3.762	ug/l	98
18) Methyl Acetate	4.726	43	20763	4.856	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	62017	3.688	ug/l #	89
20) Methylene Chloride	4.962	84	92729	6.909	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	38403	4.016	ug/l	86
22) Diisopropyl ether	6.356	45	82558	3.193	ug/l #	90
23) Vinyl Acetate	6.303	43	168136	13.575	ug/l	97
24) 1,1-Dichloroethane	6.261	63	71611	4.010	ug/l	99
25) 2-Butanone	7.214	43	37186	18.608	ug/l	98
26) 2,2-Dichloropropane	7.203	77	52787	3.887	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	39465	3.868	ug/l	94
28) Bromochloromethane	7.544	49	25247	3.724	ug/l	95
29) Tetrahydrofuran	7.561	42	21854	16.903	ug/l	98
30) Chloroform	7.708	83	74420	4.145	ug/l	100
31) Cyclohexane	7.979	56	73669	4.622	ug/l #	77
32) 1,1,1-Trichloroethane	7.903	97	60919	4.099	ug/l	99
36) 1,1-Dichloropropene	8.114	75	53401	3.728	ug/l	97
37) Ethyl Acetate	7.291	43	18531m	3.554	ug/l	
38) Carbon Tetrachloride	8.097	117	47218	3.609	ug/l #	96
39) Methylcyclohexane	9.350	83	74840	4.562	ug/l	97
40) Benzene	8.350	78	156860	3.780	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.538	41	10938m	3.997	ug/l	
42) 1,2-Dichloroethane	8.426	62	45434	4.140	ug/l	99
43) Isopropyl Acetate	8.450	43	34090	3.645	ug/l	99
44) Trichloroethene	9.108	130	40817	3.994	ug/l	94
45) 1,2-Dichloropropane	9.391	63	40713	3.735	ug/l	97
46) Dibromomethane	9.473	93	20070	3.746	ug/l	94
47) Bromodichloromethane	9.655	83	51321	3.687	ug/l #	95
48) Methyl methacrylate	9.455	41	14062	3.125	ug/l	89
49) 1,4-Dioxane	9.455	88	4037	71.316	ug/l #	77
51) 4-Methyl-2-Pentanone	10.226	43	80742	16.591	ug/l	96
52) Toluene	10.402	92	99009	3.933	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	43294	3.705	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	49959	3.532	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	35175	4.648	ug/l	94
56) Ethyl methacrylate	10.655	69	30618	3.695	ug/l	96
57) 1,3-Dichloropropane	10.944	76	48659	3.800	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	52047	14.664	ug/l	98
59) 2-Hexanone	10.979	43	61086	18.976	ug/l	81
60) Dibromochloromethane	11.132	129	33691	3.931	ug/l	97
61) 1,2-Dibromoethane	11.244	107	27585	4.049	ug/l	99
64) Tetrachloroethene	10.873	164	32734	4.044	ug/l	92
65) Chlorobenzene	11.667	112	106066	4.032	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.738	131	37230	3.934	ug/l	99
67) Ethyl Benzene	11.738	91	180504	3.898	ug/l	93
68) m/p-Xylenes	11.849	106	128497	7.157	ug/l	99
69) o-Xylene	12.173	106	58322	3.573	ug/l	98
70) Styrene	12.191	104	97636	3.452	ug/l	98
71) Bromoform	12.349	173	16884	3.674	ug/l #	91
73) Isopropylbenzene	12.473	105	165287	4.000	ug/l	100
74) N-amyl acetate	12.279	43	34450	4.053	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.726	83	33045	4.004	ug/l	97
76) 1,2,3-Trichloropropane	12.779	75	25841m	4.227	ug/l	
77) Bromobenzene	12.755	156	38321	4.118	ug/l	96
78) n-propylbenzene	12.814	91	206758	3.896	ug/l	99
79) 2-Chlorotoluene	12.902	91	121480	3.941	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	134093	3.793	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.520	75	7919	3.930	ug/l	94
82) 4-Chlorotoluene	12.996	91	126114	3.913	ug/l	94
83) tert-Butylbenzene	13.214	119	110846	3.857	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	128171	3.675	ug/l	99
85) sec-Butylbenzene	13.391	105	178480	3.928	ug/l	100
86) p-Isopropyltoluene	13.508	119	143225	3.880	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	78351	4.010	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	80544	4.136	ug/l	94
89) n-Butylbenzene	13.832	91	133405	3.662	ug/l	97
90) Hexachloroethane	14.102	117	31604	4.042	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	67441	3.999	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	6004	5.053	ug/l	91
93) 1,2,4-Trichlorobenzene	15.149	180	41209	4.529	ug/l	97
94) Hexachlorobutadiene	15.255	225	23667	4.252	ug/l	96
95) Naphthalene	15.385	128	68841	4.238	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	33317	4.234	ug/l	98

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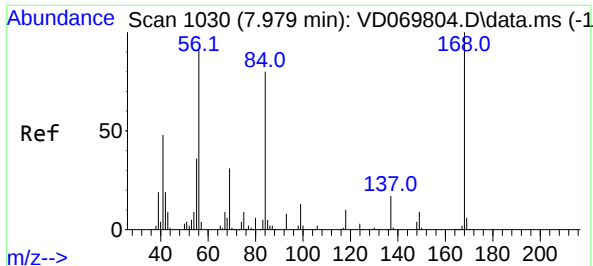
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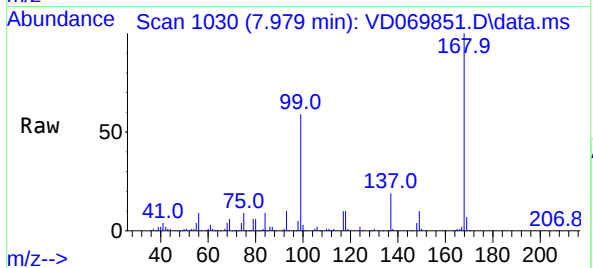
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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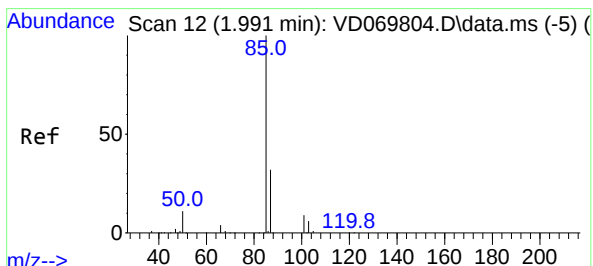
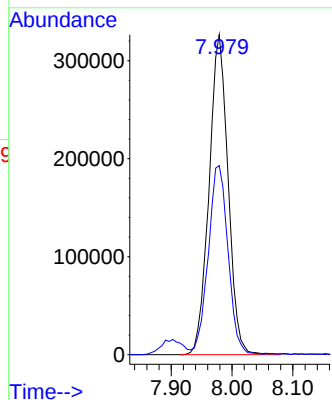
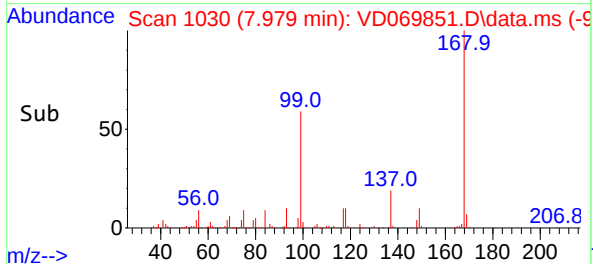
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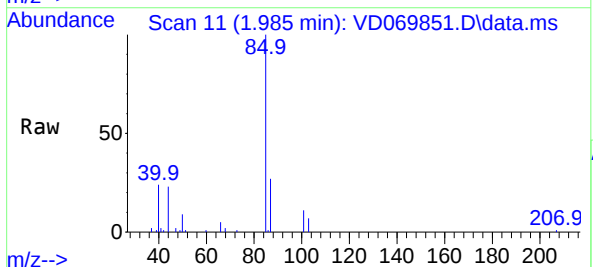
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
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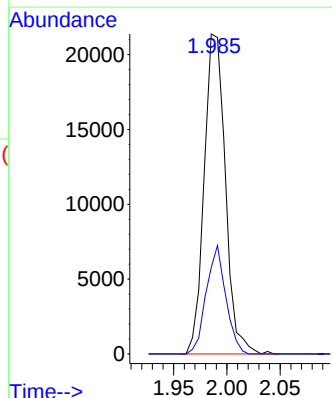
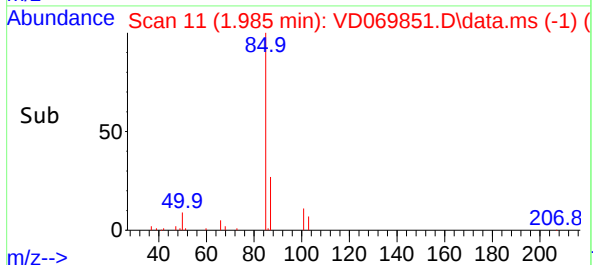
Tgt Ion: 168 Resp: 709299
Ion Ratio Lower Upper
168 100
99 58.8 51.1 76.7



Dichlorodifluoromethane
Concen: 3.983 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD069851.D
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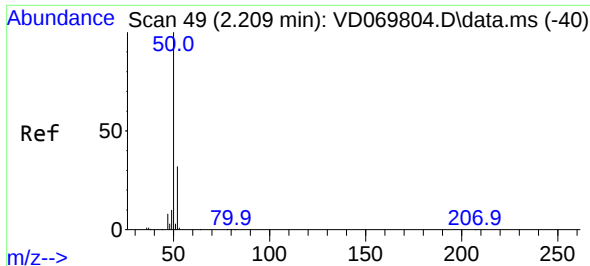
Tgt Ion: 85 Resp: 29735
Ion Ratio Lower Upper
85 100
87 27.0 16.1 48.3



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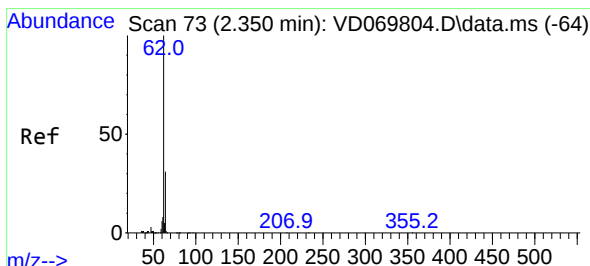
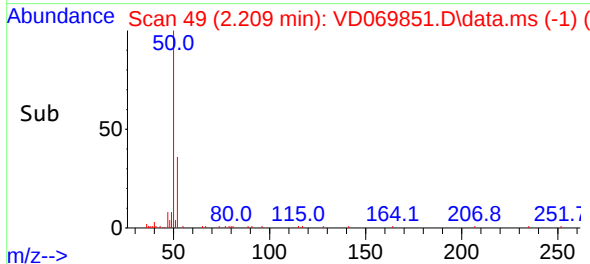
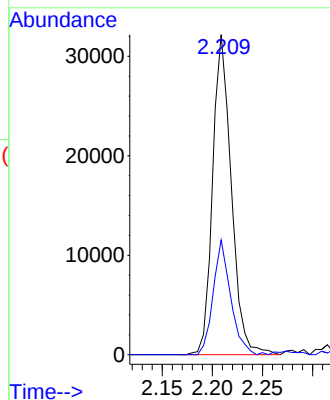
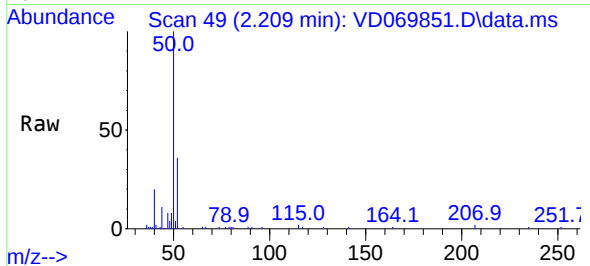
#3
Chloromethane
Concen: 3.848 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion: 50 Resp: 41671
Ion Ratio Lower Upper
50 100
52 35.9 25.7 38.5

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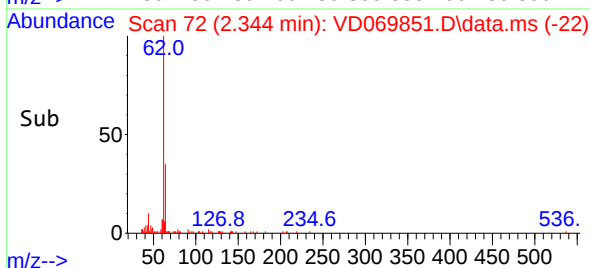
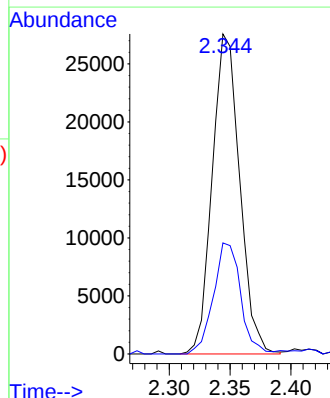
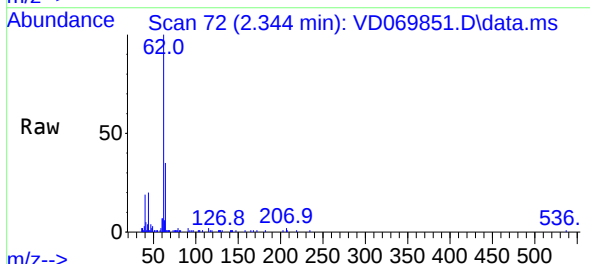
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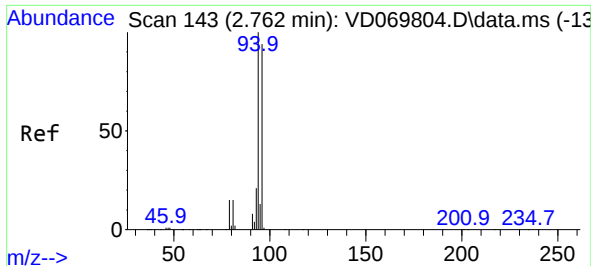
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#4
Vinyl Chloride
Concen: 3.798 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD069851.D
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Tgt Ion: 62 Resp: 43262
Ion Ratio Lower Upper
62 100
64 34.7 25.0 37.4





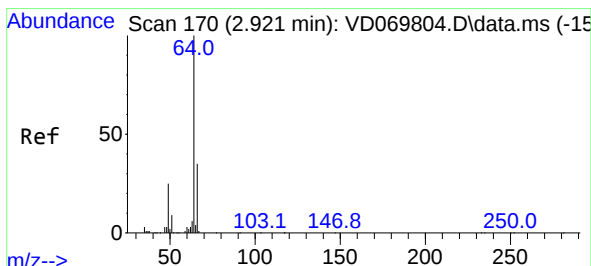
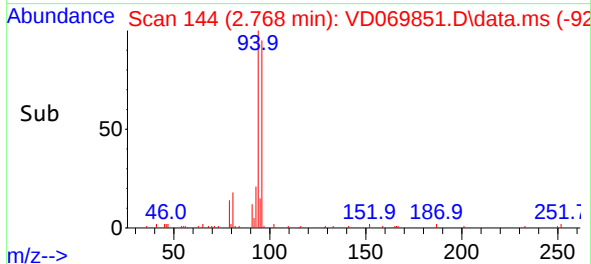
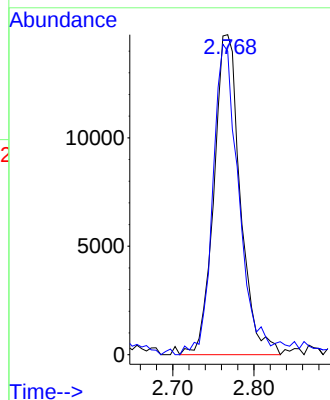
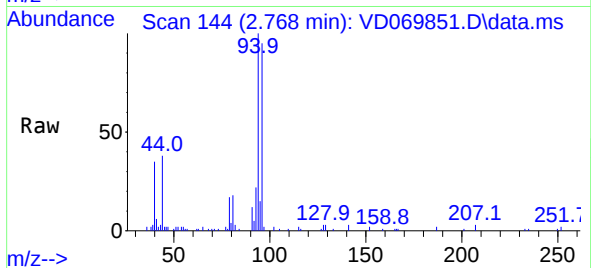
#5
Bromomethane
Concen: 4.467 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.006 min
Lab File: VD069851.D
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Tgt Ion: 94 Resp: 33325
Ion Ratio Lower Upper
94 100
96 94.8 74.8 112.2

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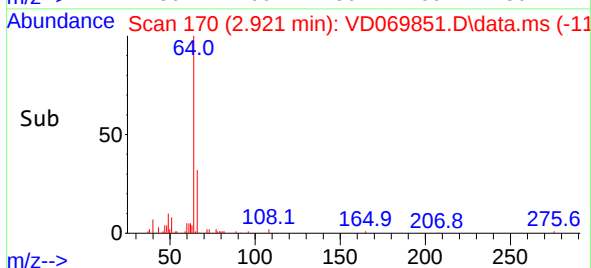
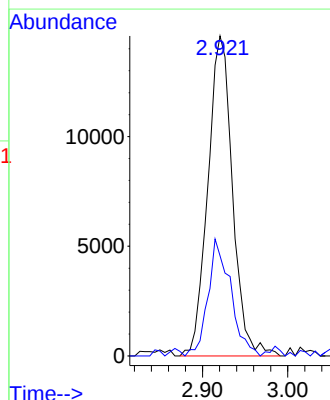
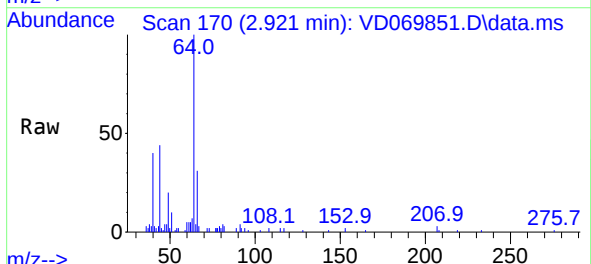
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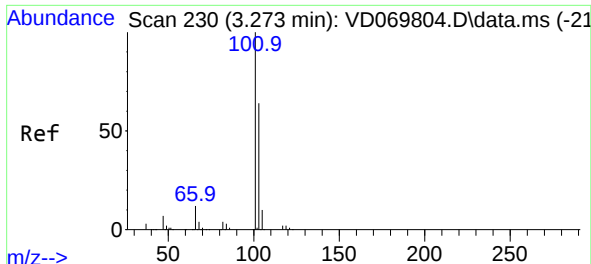
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#6
Chloroethane
Concen: 3.977 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 29360
Ion Ratio Lower Upper
64 100
66 29.9 27.8 41.6





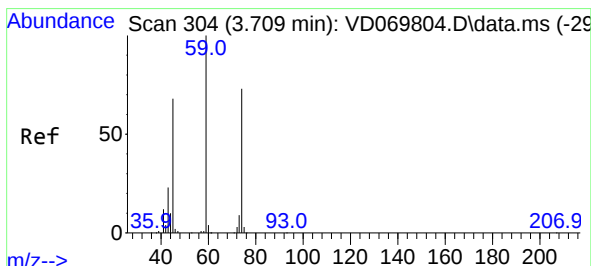
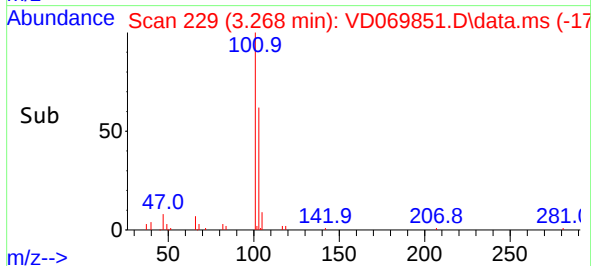
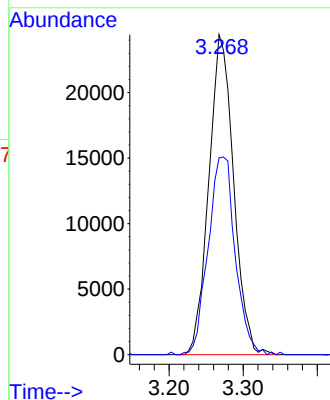
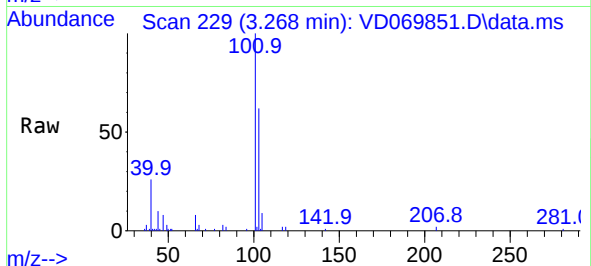
#7
Trichlorofluoromethane
Concen: 4.032 ug/l
RT: 3.268 min Scan# 229
Delta R.T. -0.006 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion:101 Resp: 56693
Ion Ratio Lower Upper
101 100
103 61.6 51.3 76.9

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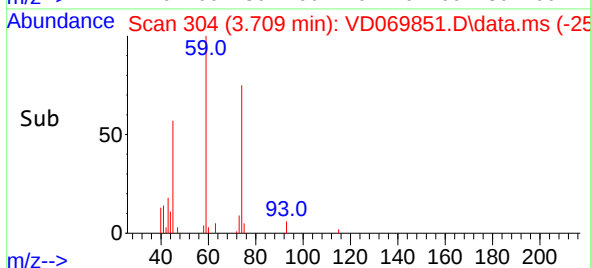
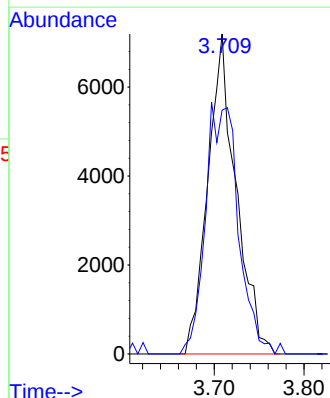
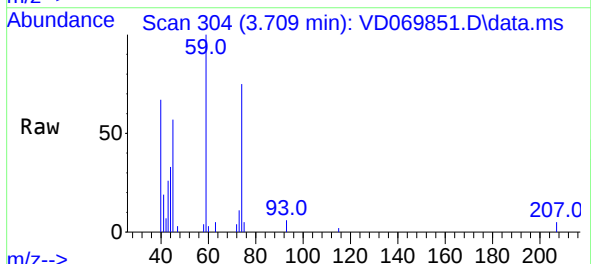
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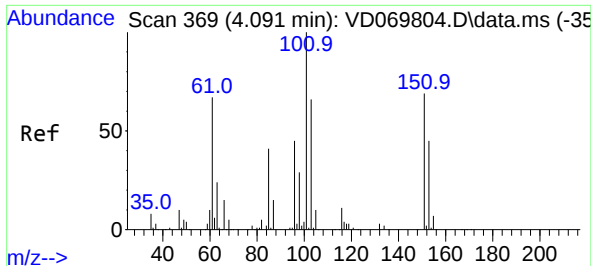
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#8
Diethyl Ether
Concen: 3.972 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD069851.D
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Tgt Ion: 74 Resp: 15712
Ion Ratio Lower Upper
74 100
45 91.4 46.8 140.4





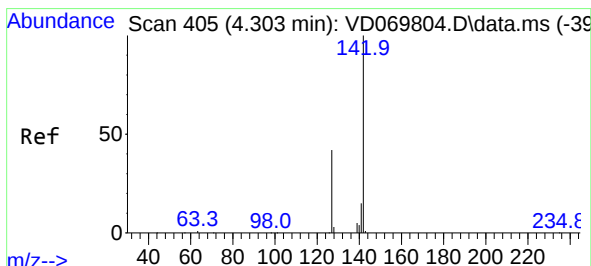
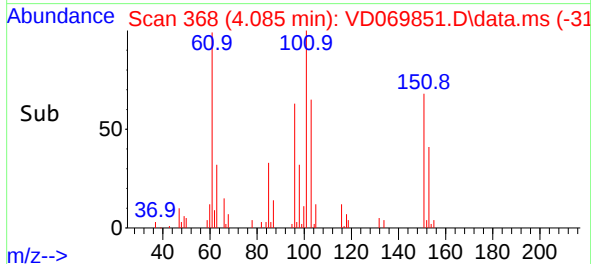
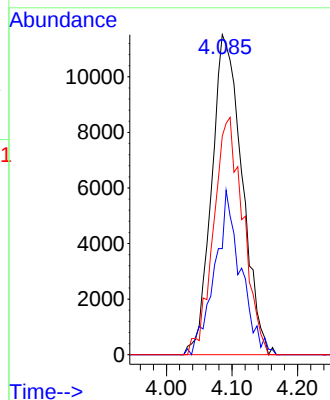
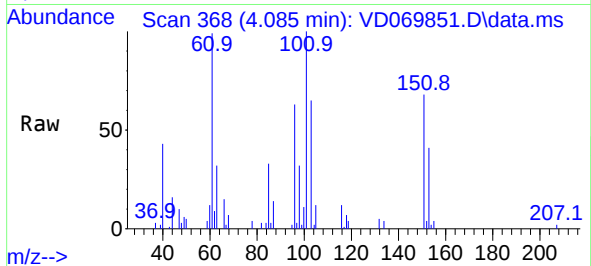
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.141 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion:	101	Resp:	36981
Ion	Ratio	Lower	Upper
101	100		
85	44.1	34.7	52.1
151	72.5	55.4	83.0

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

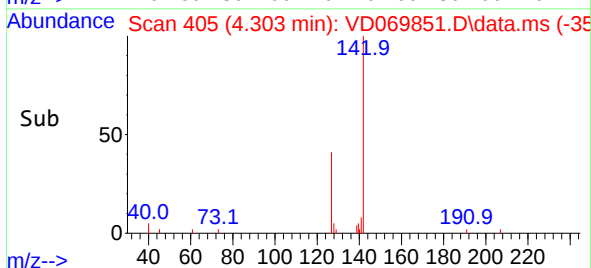
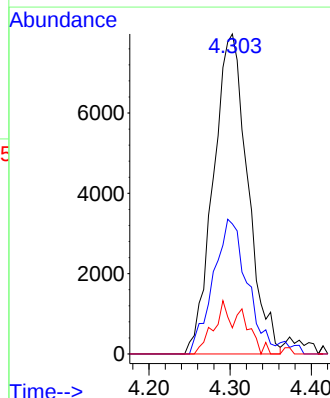
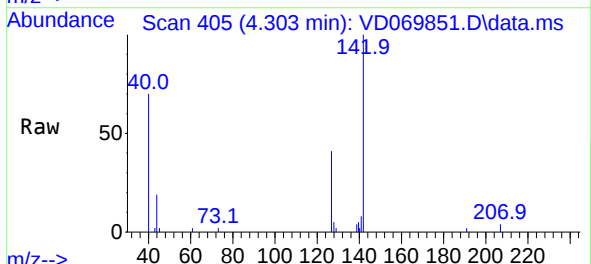
Manual Integrations
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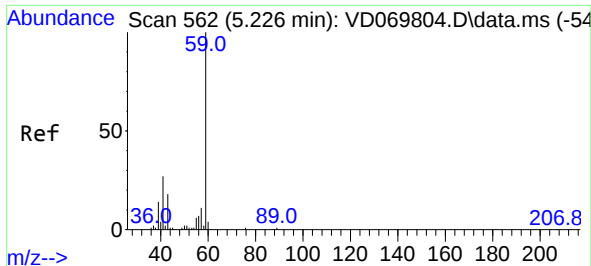
MMDadoda
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#10
Methyl Iodide
Concen: 2.994 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

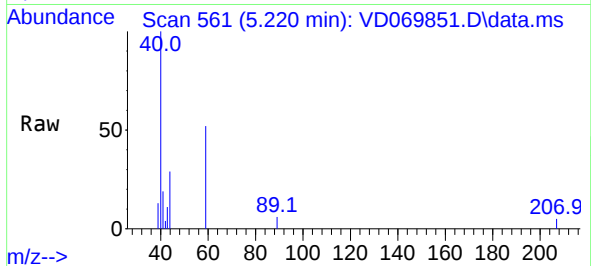
Tgt Ion:	142	Resp:	23365
Ion	Ratio	Lower	Upper
142	100		
127	41.8	35.7	53.5
141	8.1	12.0	18.0





#11
Tert butyl alcohol
Concen: 26.931 ug/l m
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

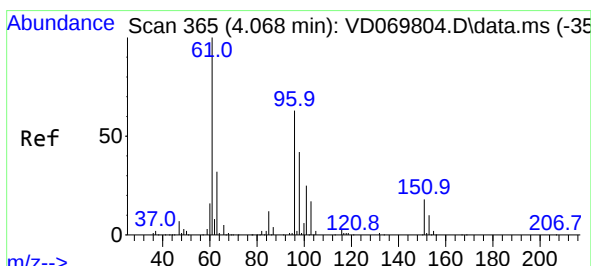
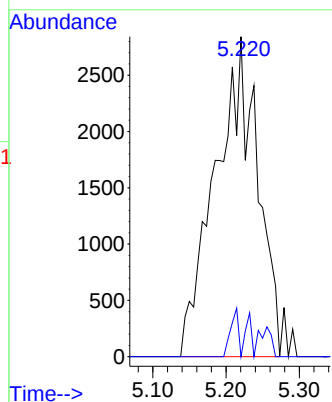
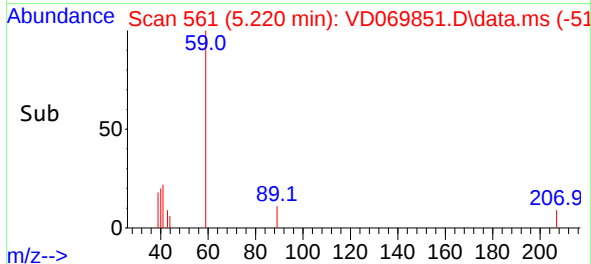
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



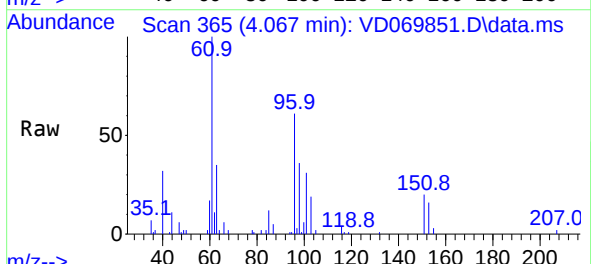
Tgt Ion: 59 Resp: 11368
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

Manual Integrations
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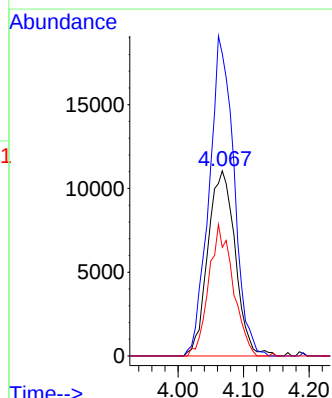
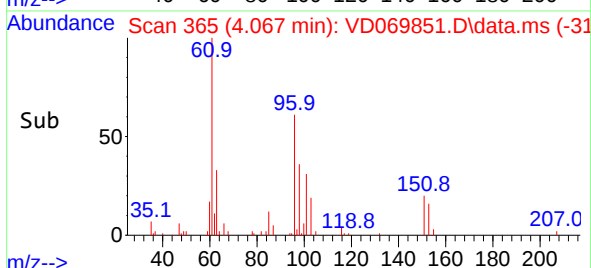
MMDadoda
7/27/2021 12:14:27 PM

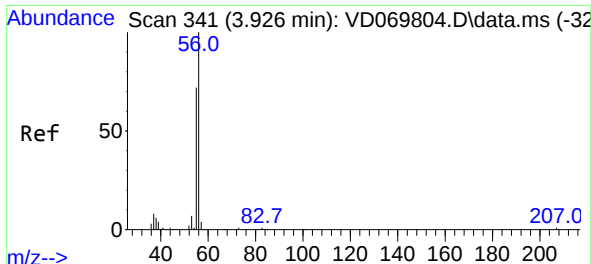


#12
1,1-Dichloroethene
Concen: 3.947 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51



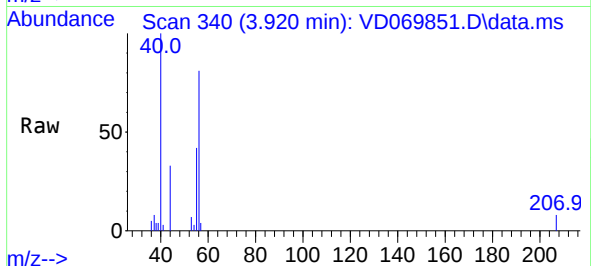
Tgt Ion: 96 Resp: 32030
Ion Ratio Lower Upper
96 100
61 163.2 126.9 190.3
98 58.7 53.2 79.8





#13
Acrolein
Concen: 14.466 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

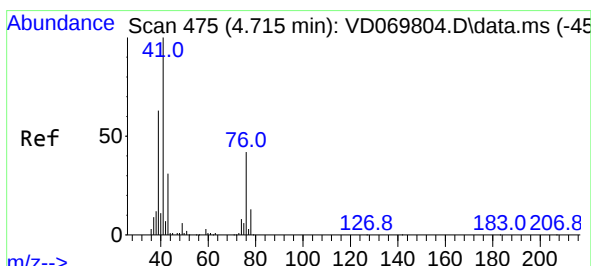
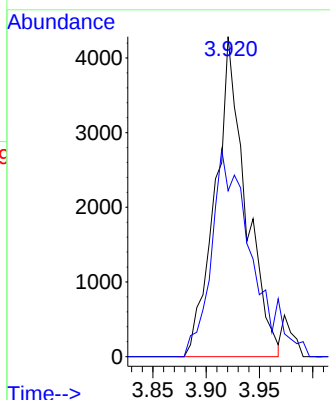
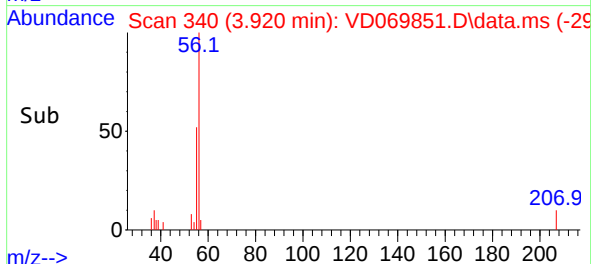
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



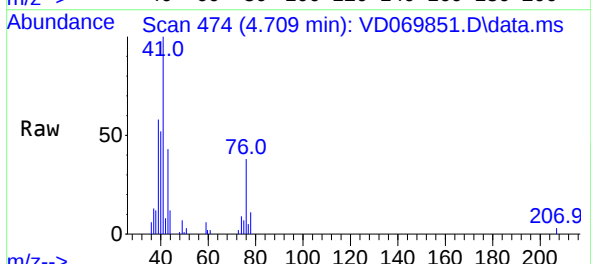
Tgt Ion: 56 Resp: 8548
Ion Ratio Lower Upper
56 100
55 84.7 57.2 85.8

Manual Integrations
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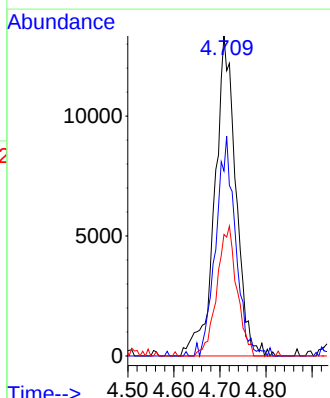
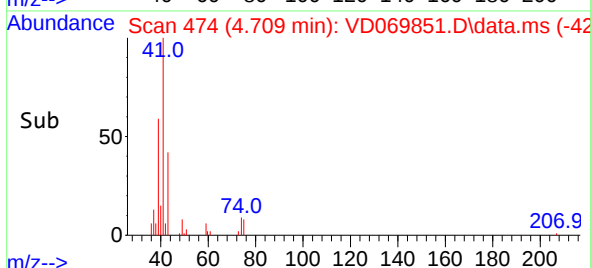
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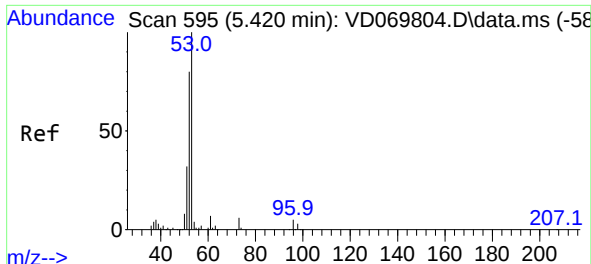


#14
Allyl chloride
Concen: 3.575 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51



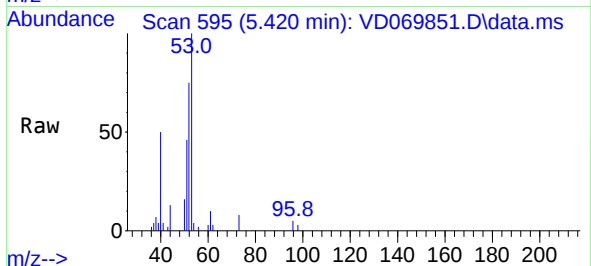
Tgt Ion: 41 Resp: 42541
Ion Ratio Lower Upper
41 100
39 63.4 49.8 74.6
76 38.1 31.8 47.8





#15
Acrylonitrile
Concen: 18.497 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

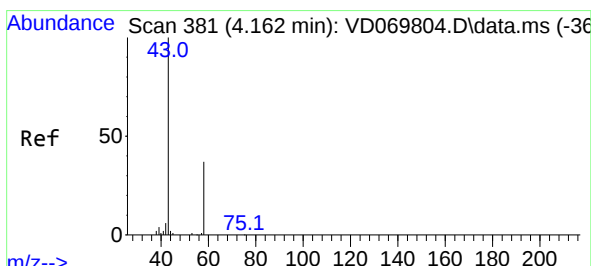
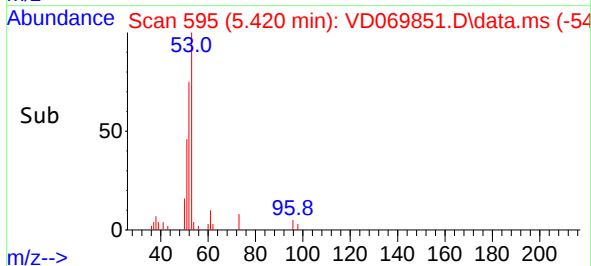
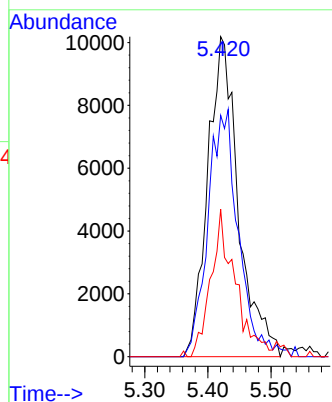
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion:	53	Resp:	34416
Ion	Ratio	Lower	Upper
53	100		
52	76.8	65.3	97.9
51	36.4	28.3	42.5

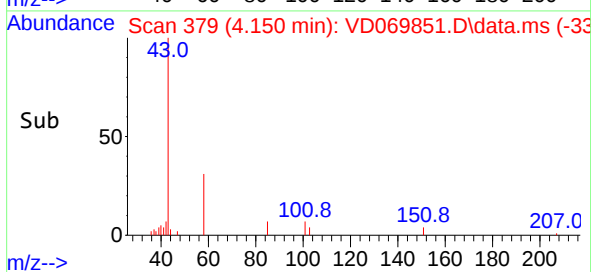
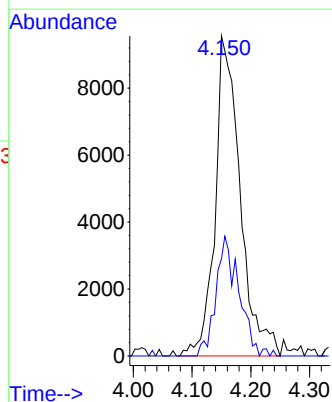
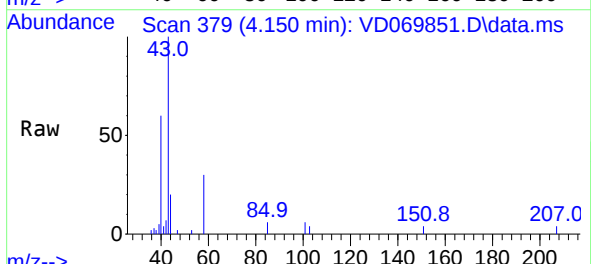
Manual Integrations
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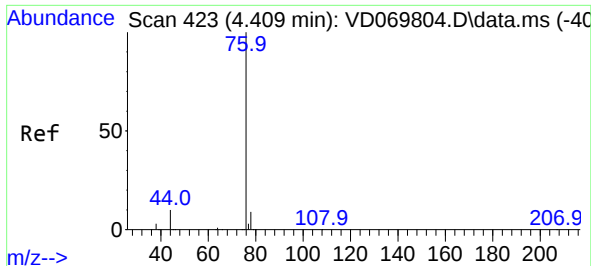
MMDadoda
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#16
Acetone
Concen: 19.174 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.012 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

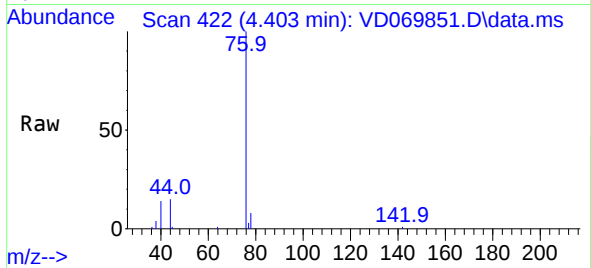
Tgt Ion:	43	Resp:	28255
Ion	Ratio	Lower	Upper
43	100		
58	30.3	29.4	44.0





#17
Carbon Disulfide
Concen: 3.762 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

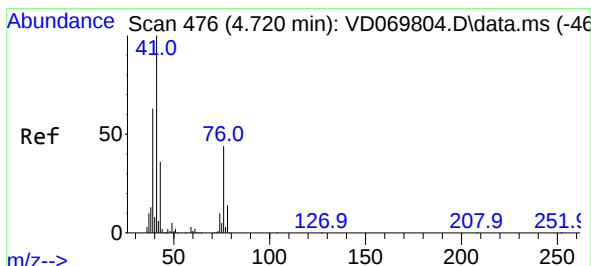
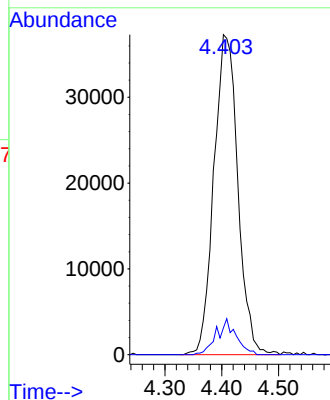
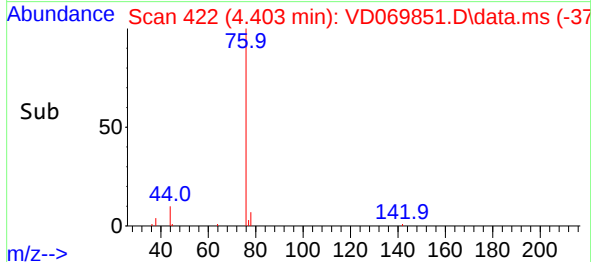
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



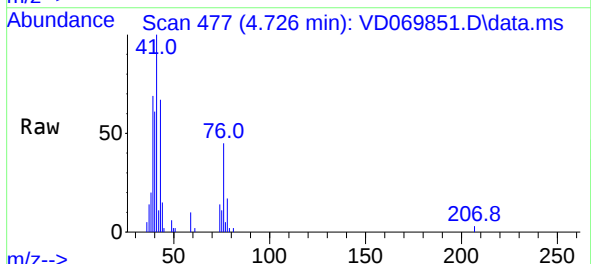
Tgt Ion: 76 Resp: 109153
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9

Manual Integrations
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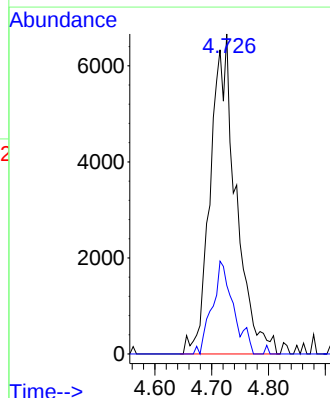
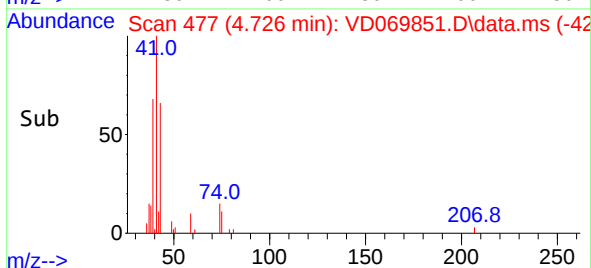
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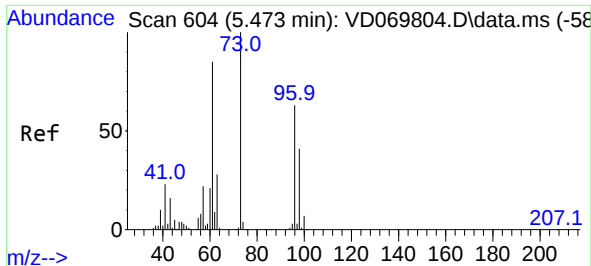


#18
Methyl Acetate
Concen: 4.856 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51



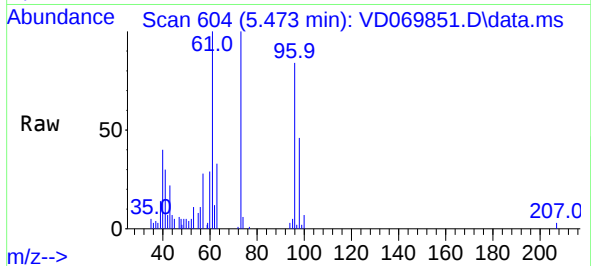
Tgt Ion: 43 Resp: 20763
Ion Ratio Lower Upper
43 100
74 24.1 21.4 32.2





#19
Methyl tert-butyl Ether
Concen: 3.688 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

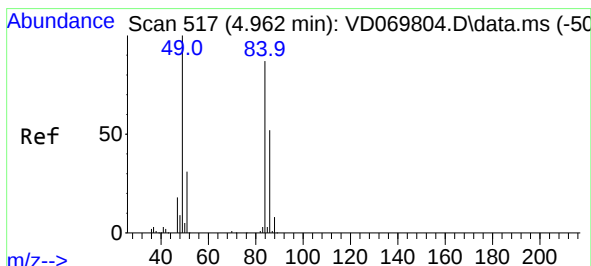
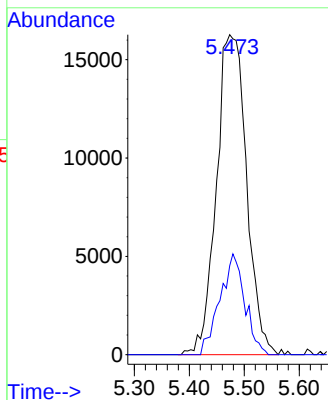
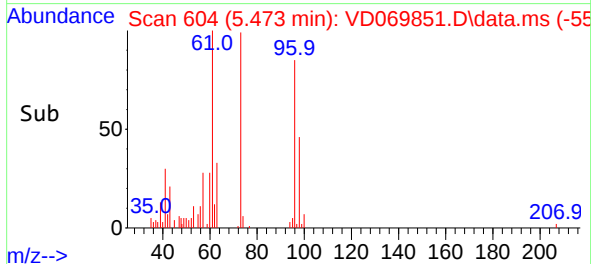
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



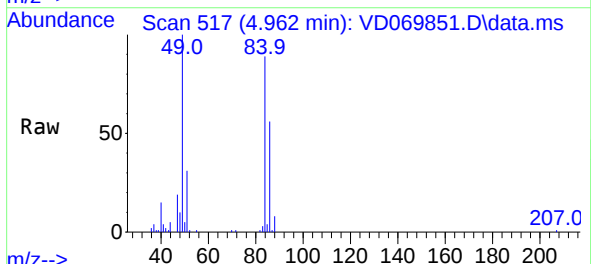
Tgt Ion: 73 Resp: 62017
Ion Ratio Lower Upper
73 100
57 27.8 17.8 26.8#

Manual Integrations
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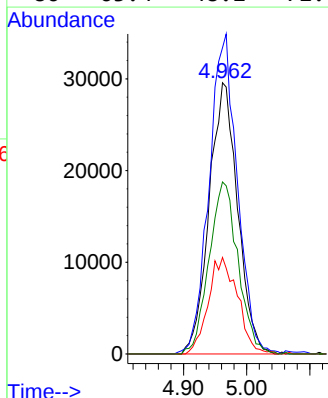
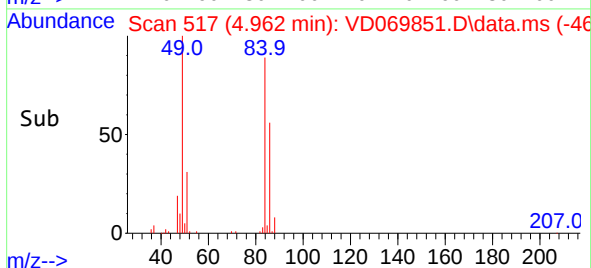
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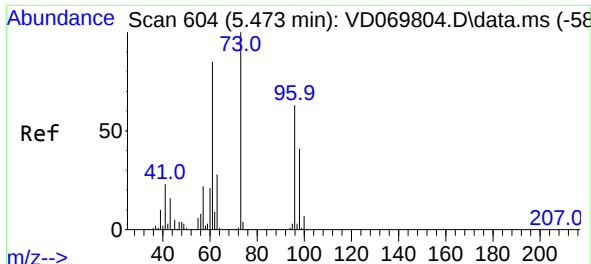


#20
Methylene Chloride
Concen: 6.909 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51



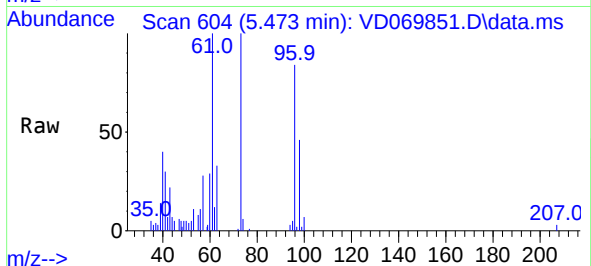
Tgt Ion: 84 Resp: 92729
Ion Ratio Lower Upper
84 100
49 112.3 92.4 138.6
51 35.5 28.5 42.7
86 63.4 48.2 72.4





#21
trans-1,2-Dichloroethene
Concen: 4.016 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

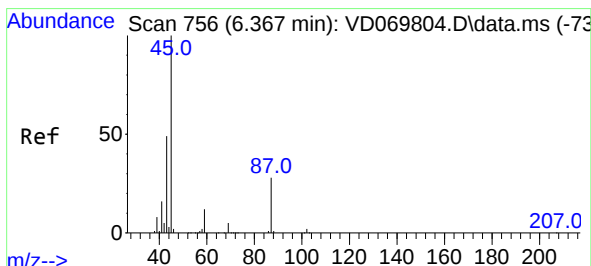
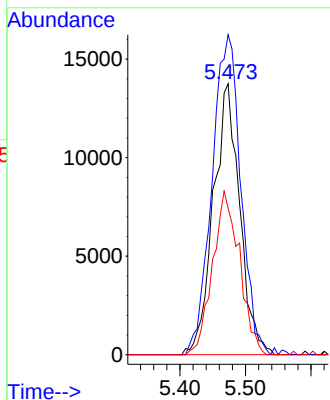
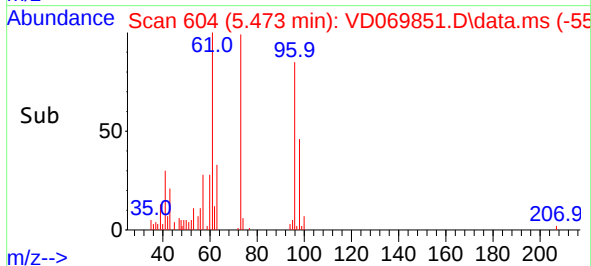
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



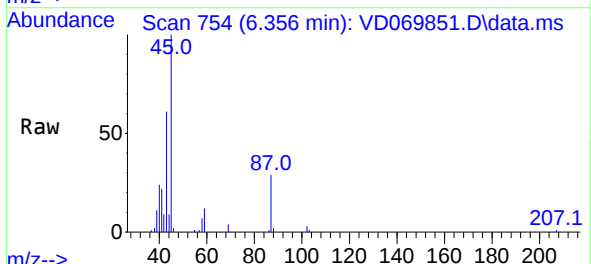
Tgt Ion: 96 Resp: 38403
Ion Ratio Lower Upper
96 100
61 118.1 107.0 160.6
98 54.1 52.3 78.5

Manual Integrations
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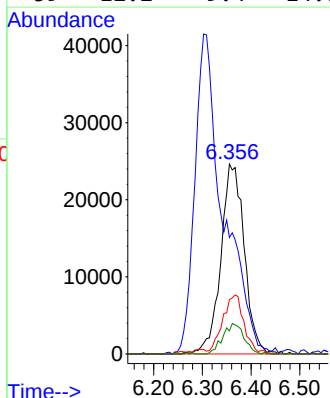
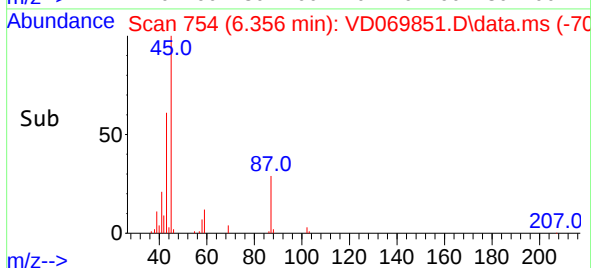
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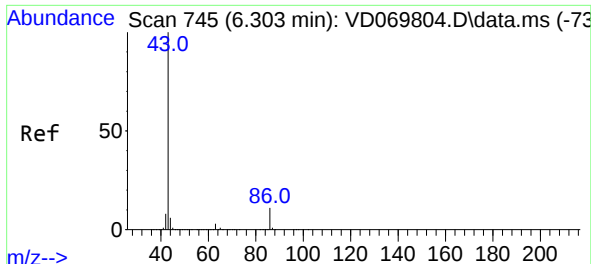


#22
Diisopropyl ether
Concen: 3.193 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.012 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51



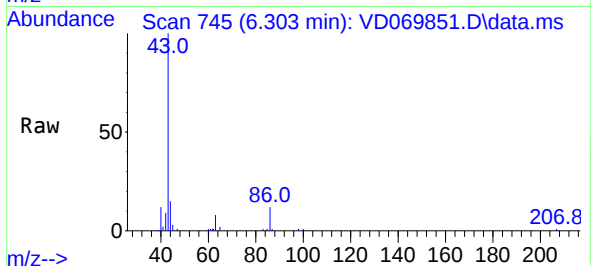
Tgt Ion: 45 Resp: 82558
Ion Ratio Lower Upper
45 100
43 60.5 39.2 58.8#
87 28.5 22.3 33.5
59 12.2 9.4 14.0





#23
 Vinyl Acetate
 Concen: 13.575 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD069851.D
 Acq: 26 Jul 2021 16:51

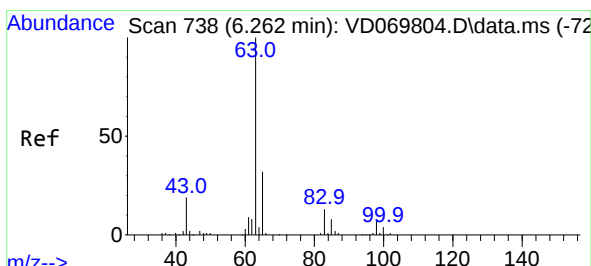
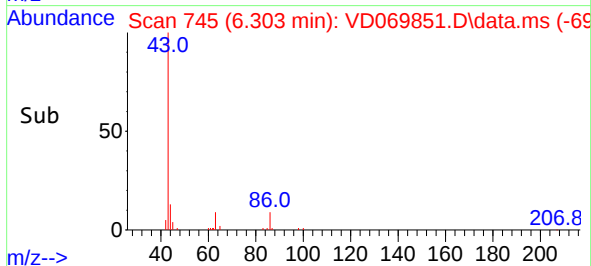
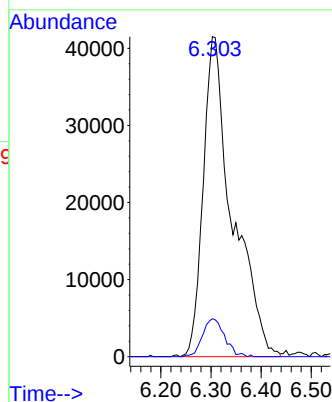
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021



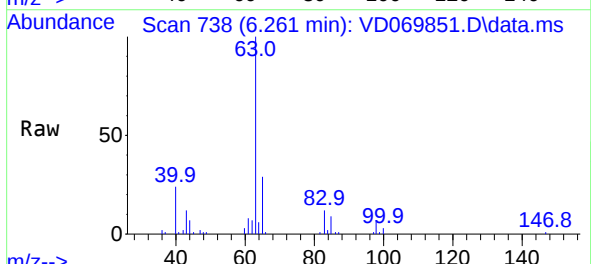
Tgt Ion: 43 Resp: 168136
 Ion Ratio Lower Upper
 43 100
 86 11.9 8.6 13.0

Manual Integrations
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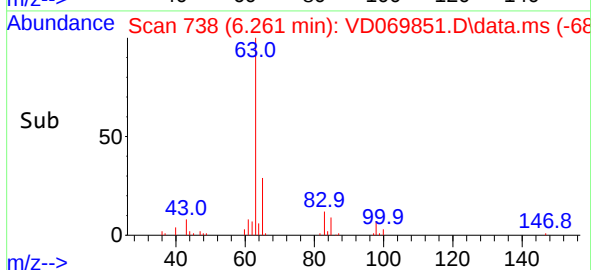
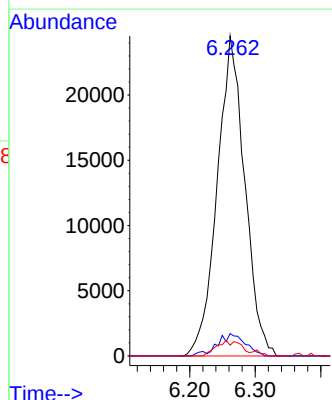
MMDadoda
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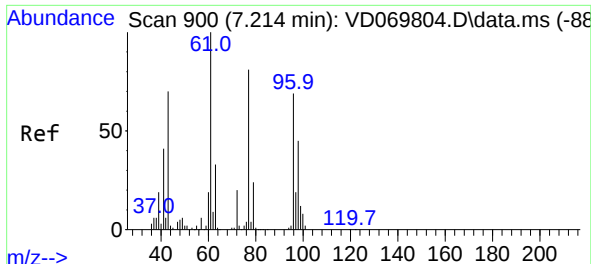


#24
 1,1-Dichloroethane
 Concen: 4.010 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD069851.D
 Acq: 26 Jul 2021 16:51



Tgt Ion: 63 Resp: 71611
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 3.4 2.2 6.6





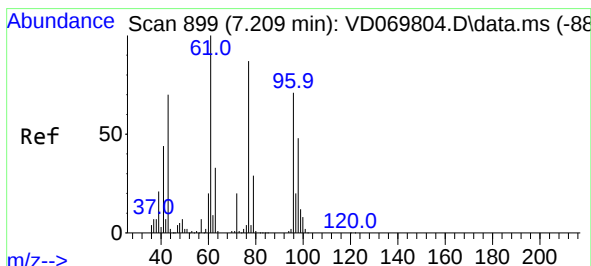
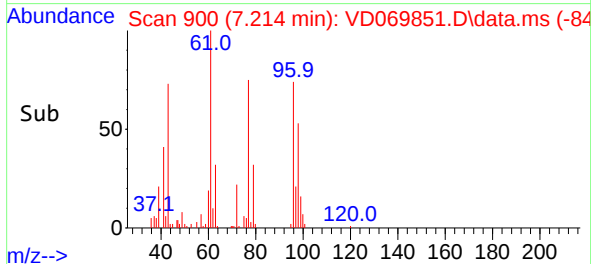
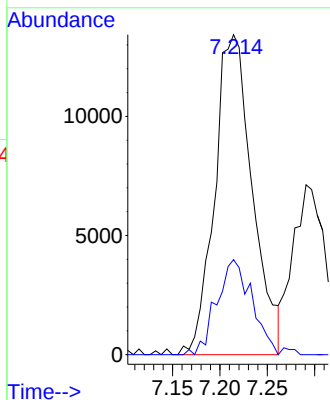
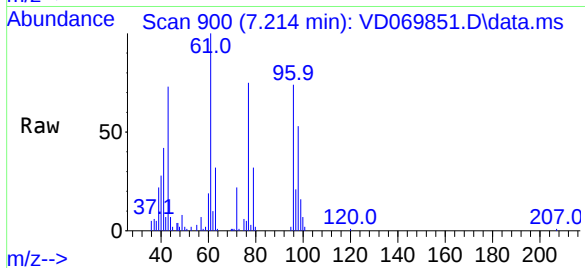
#25
2-Butanone
Concen: 18.608 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion: 43 Resp: 37186
Ion Ratio Lower Upper
43 100
72 29.7 22.8 34.2

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

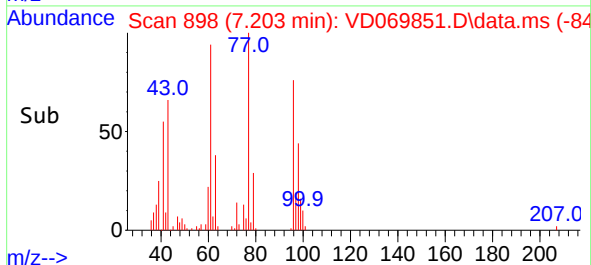
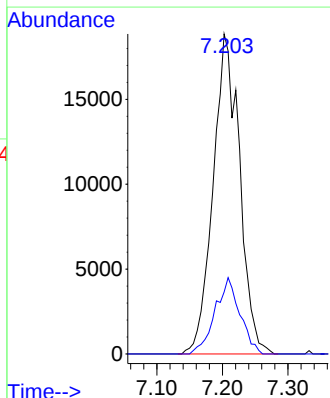
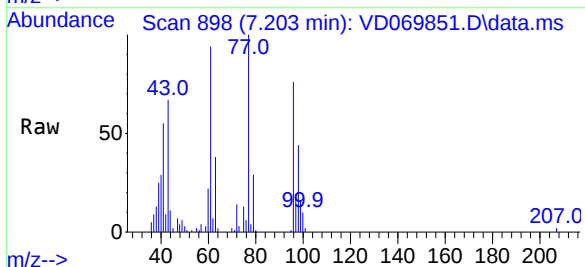
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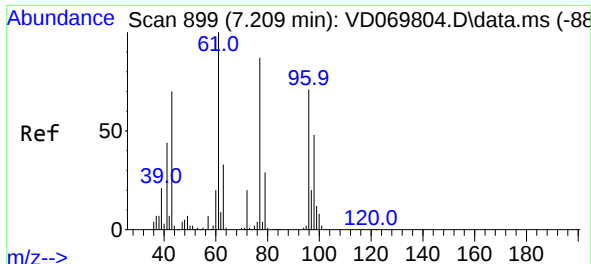
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#26
2,2-Dichloropropane
Concen: 3.887 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion: 77 Resp: 52787
Ion Ratio Lower Upper
77 100
97 22.4 11.9 35.7





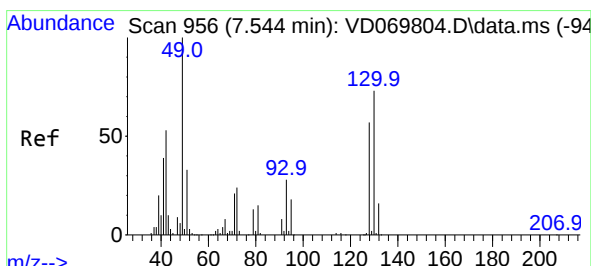
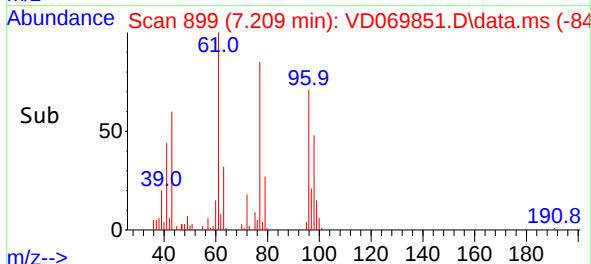
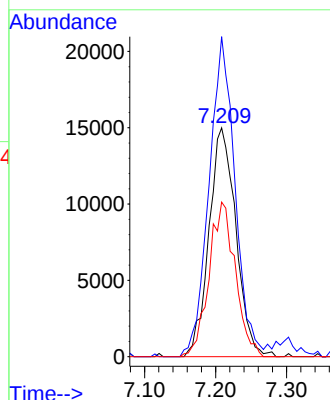
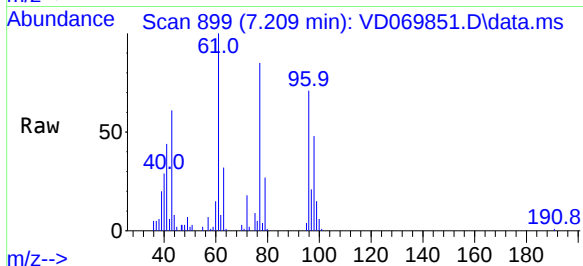
#27
cis-1,2-Dichloroethene
Concen: 3.868 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion:	96	Resp:	39465
Ion	Ratio	Lower	Upper
96	100		
61	134.4	0.0	291.6
98	66.0	0.0	132.0

Instrument :
MSVOA_D
ClientSampleId :
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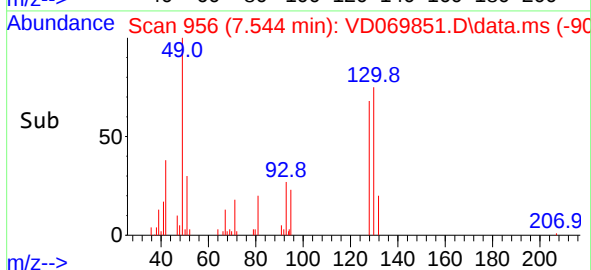
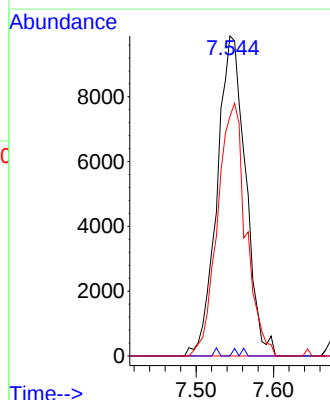
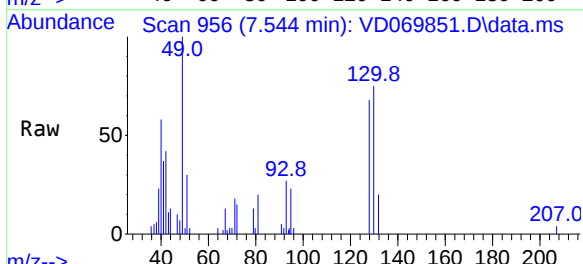
Manual Integrations
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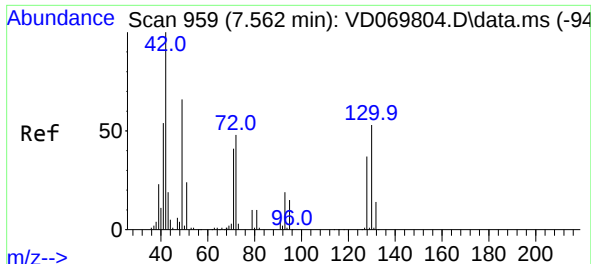
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#28
Bromochloromethane
Concen: 3.724 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion:	49	Resp:	25247
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	4.2
130	78.4	59.6	89.4





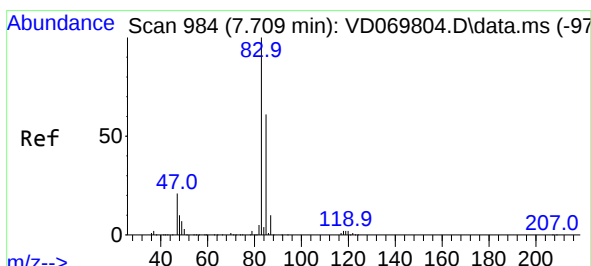
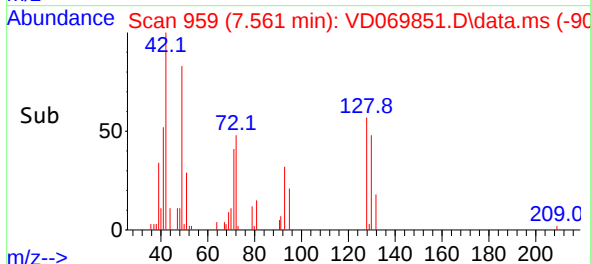
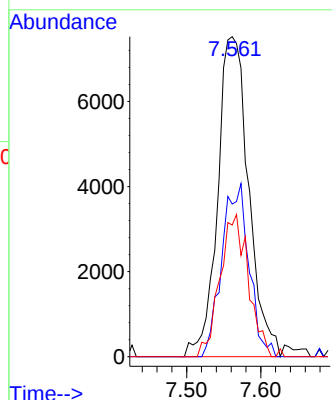
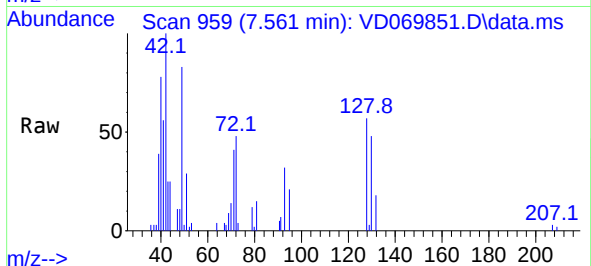
#29
Tetrahydrofuran
Concen: 16.903 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion:	42	Resp:	21854
Ion	Ratio	Lower	Upper
42	100		
72	47.3	36.5	54.7
71	40.7	33.5	50.3

Instrument :
MSVOA_D
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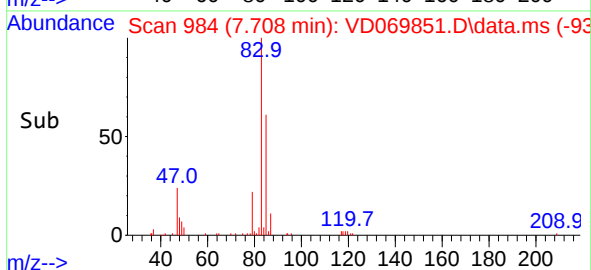
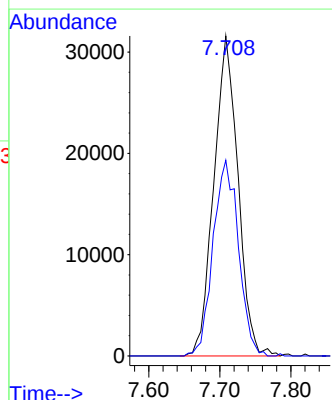
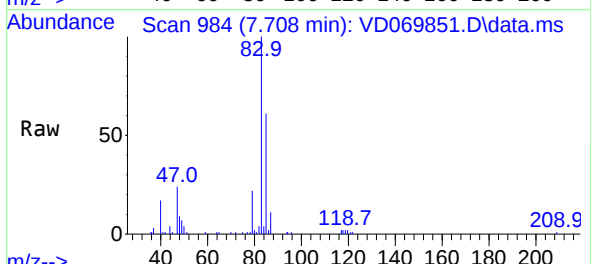
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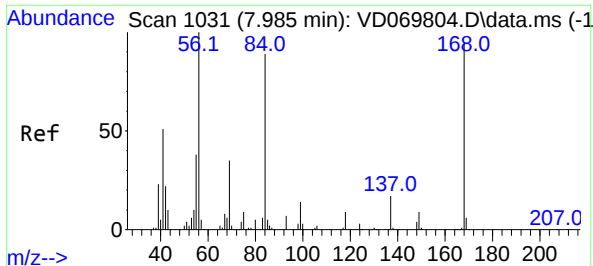
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#30
Chloroform
Concen: 4.145 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

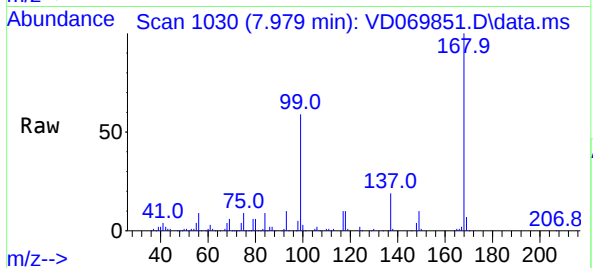
Tgt Ion:	83	Resp:	74420
Ion	Ratio	Lower	Upper
83	100		
85	61.1	49.1	73.7





#31
Cyclohexane
Concen: 4.622 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

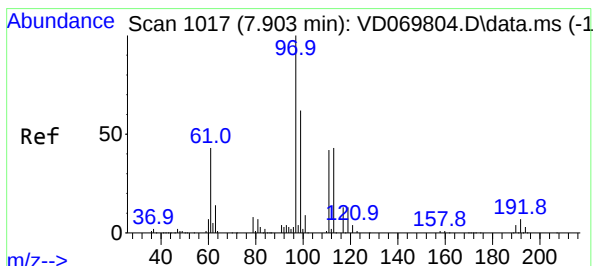
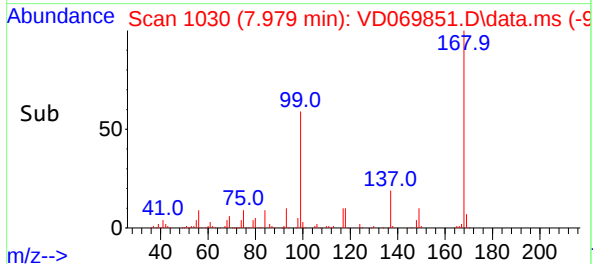
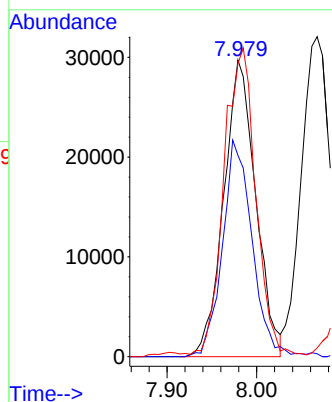
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion: 56 Resp: 73669
Ion Ratio Lower Upper
56 100
69 67.8 27.9 41.9#
84 97.9 71.4 107.2

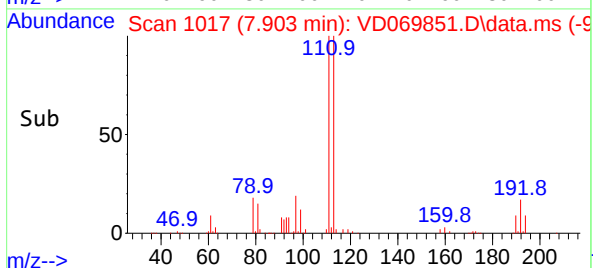
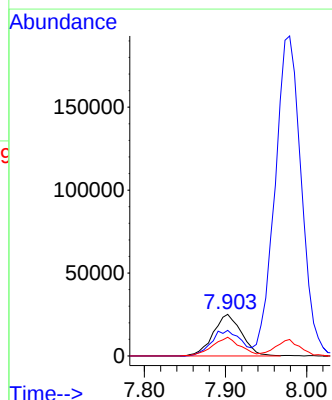
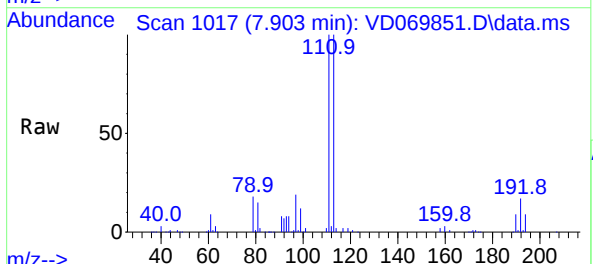
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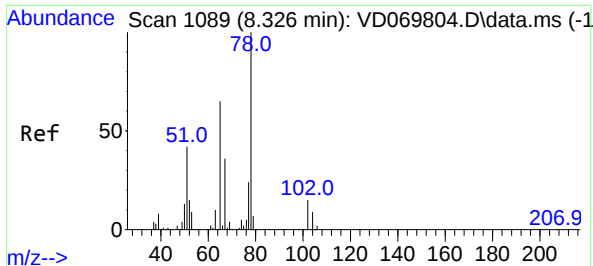
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#32
1,1,1-Trichloroethane
Concen: 4.099 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

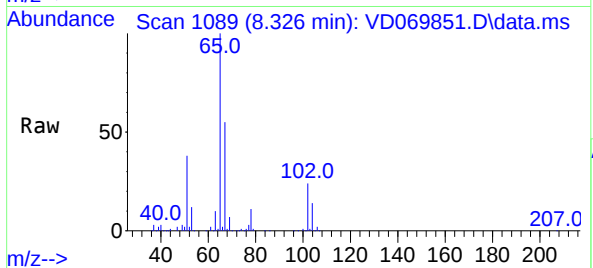
Tgt Ion: 97 Resp: 60919
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 43.9 34.5 51.7





#33
1,2-Dichloroethane-d4
Concen: 49.020 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

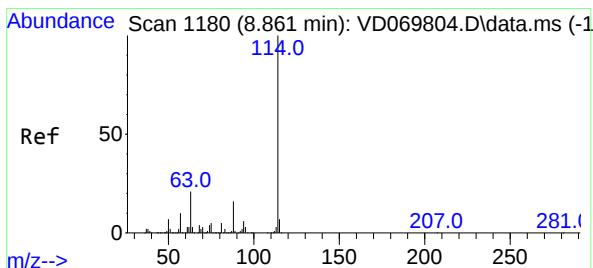
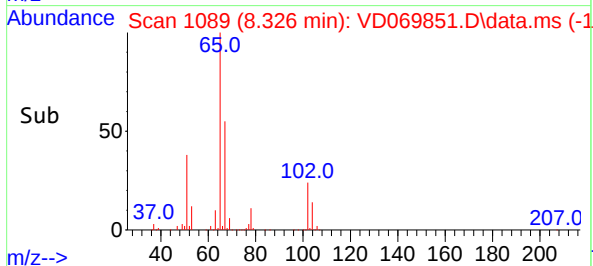
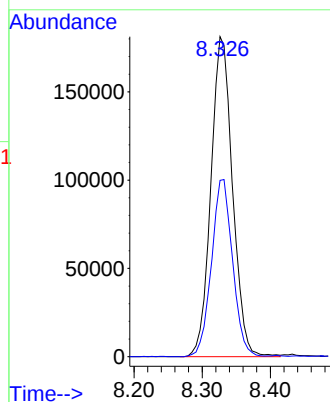
Instrument :
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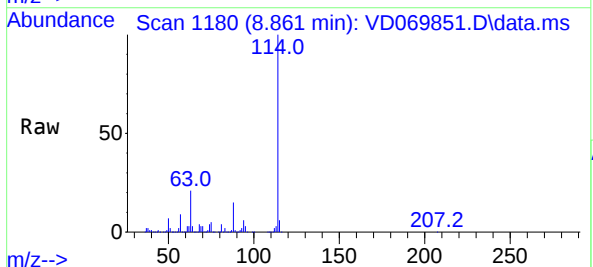
Tgt Ion: 65 Resp: 399881
Ion Ratio Lower Upper
65 100
67 54.1 0.0 111.2

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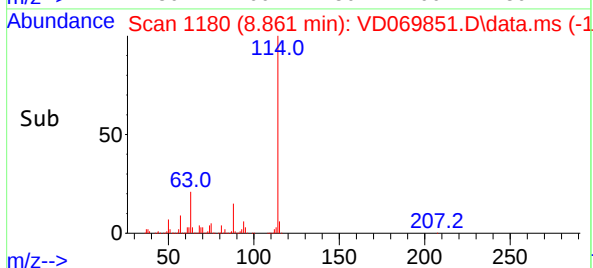
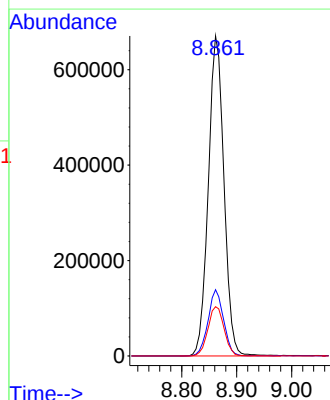
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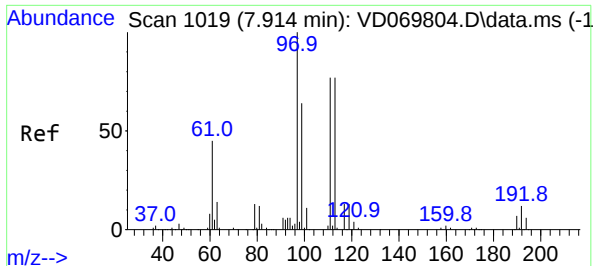


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

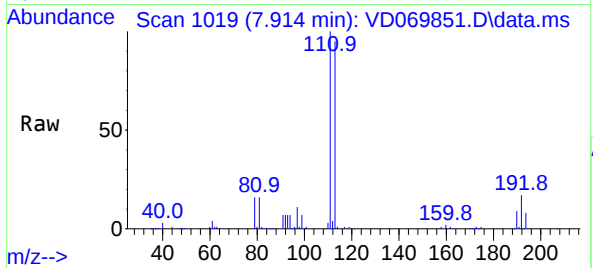


Tgt Ion: 114 Resp: 1327308
Ion Ratio Lower Upper
114 100
63 20.7 0.0 41.6
88 15.4 0.0 31.4

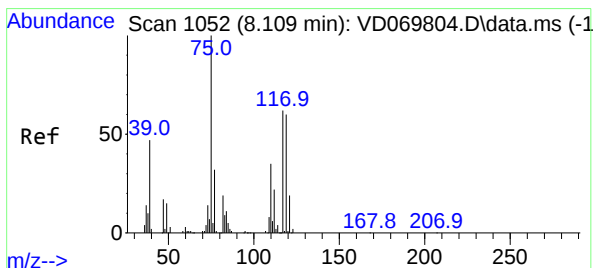
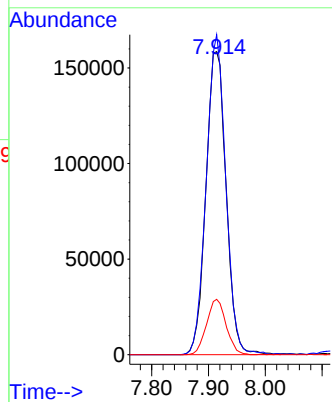
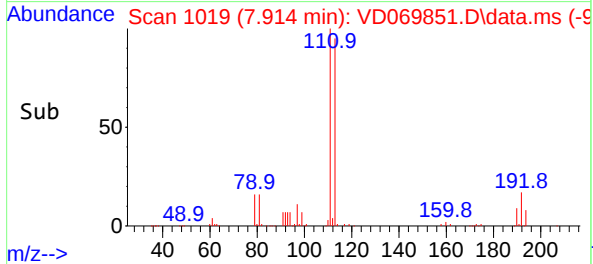




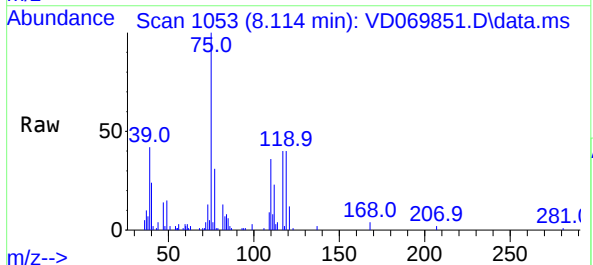
#35
Dibromofluoromethane
Concen: 46.841 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51



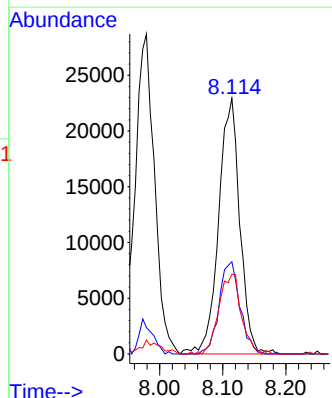
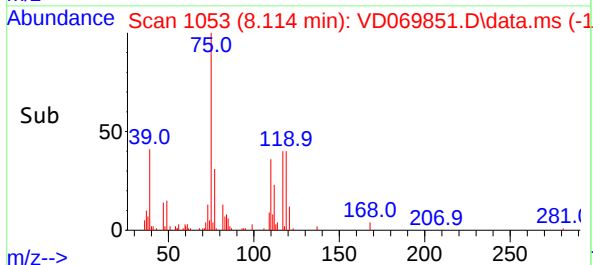
Tgt Ion:113 Resp: 391934
Ion Ratio Lower Upper
113 100
111 101.8 80.5 120.7
192 17.6 12.6 19.0



#36
1,1-Dichloropropene
Concen: 3.728 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51



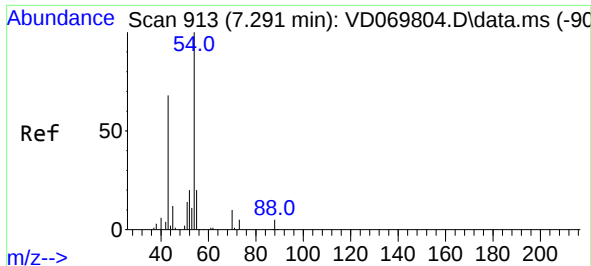
Tgt Ion: 75 Resp: 53401
Ion Ratio Lower Upper
75 100
110 35.5 16.9 50.7
77 32.9 24.9 37.3



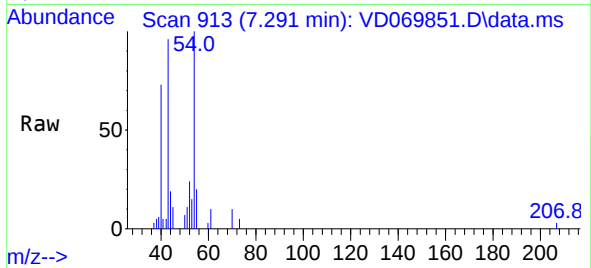
Instrument :
MSVOA_D
ClientSampleId :
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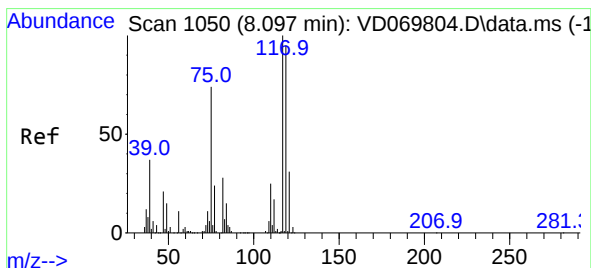
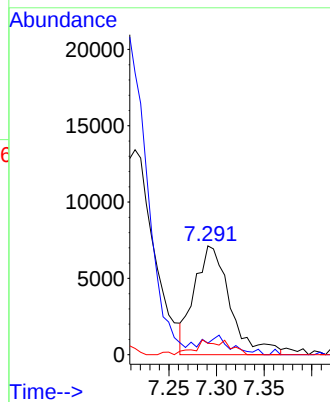
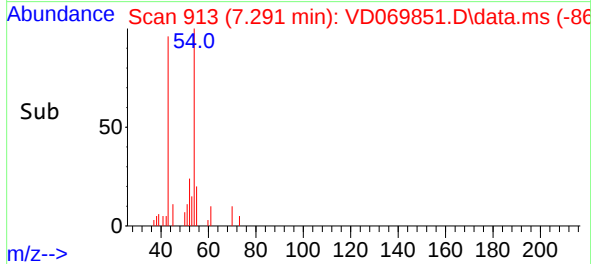
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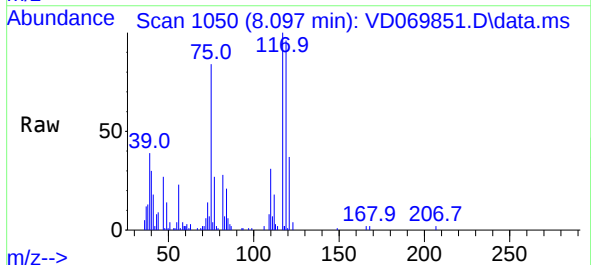
#37
Ethyl Acetate
Concen: 3.554 ug/l m
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51



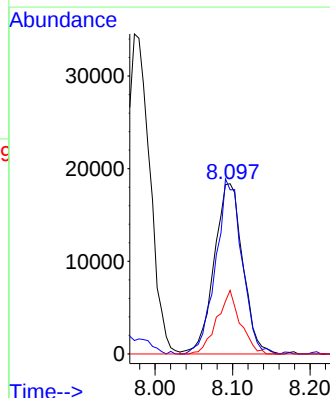
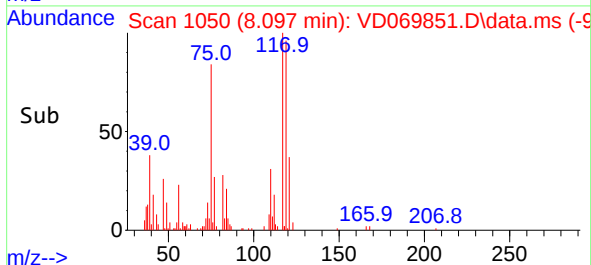
Tgt Ion: 43 Resp: 18531
Ion Ratio Lower Upper
43 100
61 12.9 11.8 17.8
70 12.1 8.9 13.3



#38
Carbon Tetrachloride
Concen: 3.609 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51



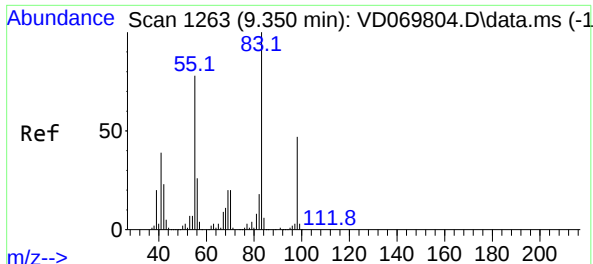
Tgt Ion: 117 Resp: 47218
Ion Ratio Lower Upper
117 100
119 96.4 76.2 114.2
121 37.3 24.5 36.7#



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

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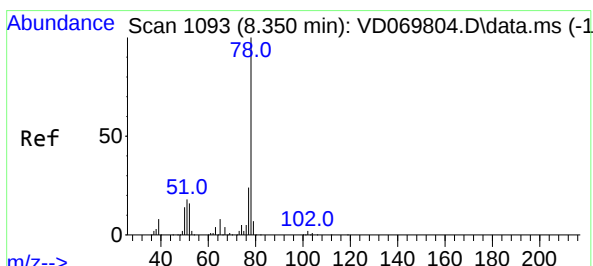
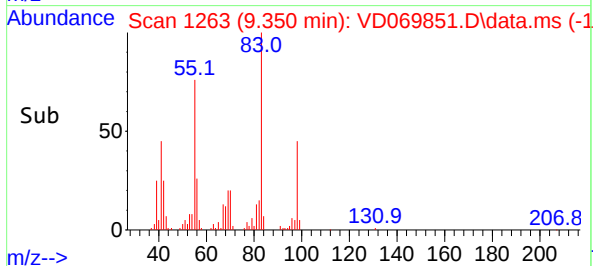
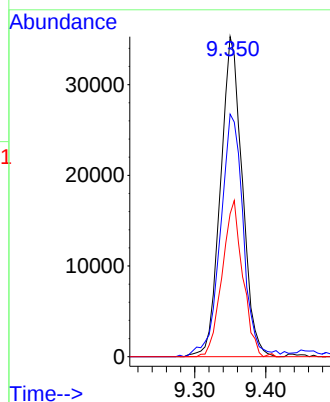
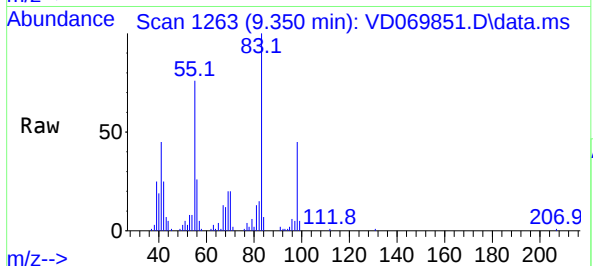
#39
Methylcyclohexane
Concen: 4.562 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion: 83 Resp: 74840
Ion Ratio Lower Upper
83 100
55 75.4 62.2 93.2
98 44.6 37.8 56.8

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

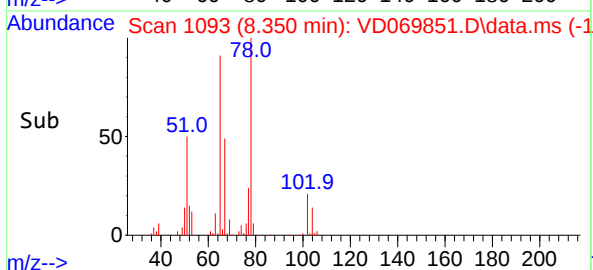
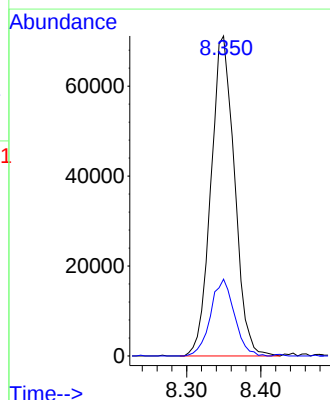
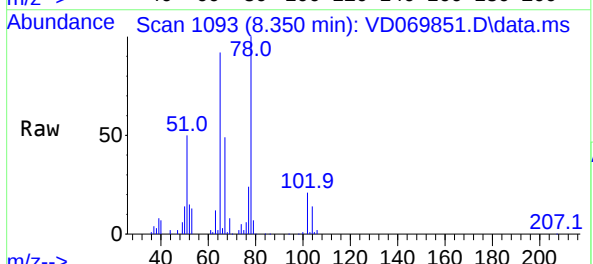
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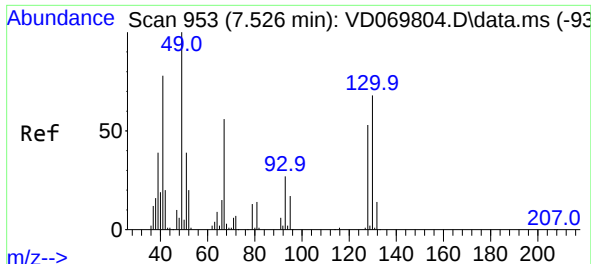
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#40
Benzene
Concen: 3.780 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

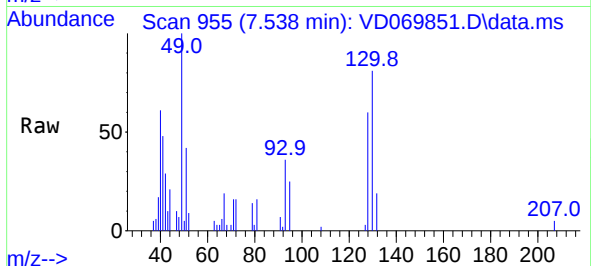
Tgt Ion: 78 Resp: 156860
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0





#41
Methacrylonitrile
Concen: 3.997 ug/l m
RT: 7.538 min Scan# 955
Delta R.T. 0.012 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

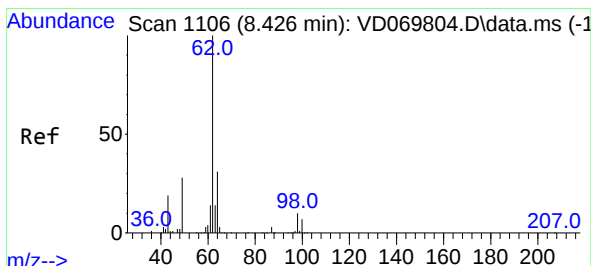
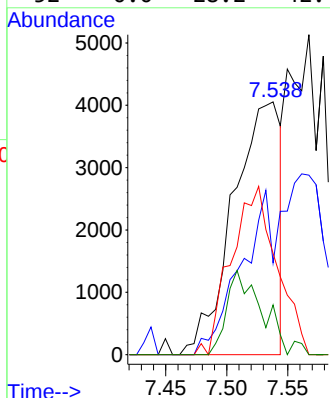
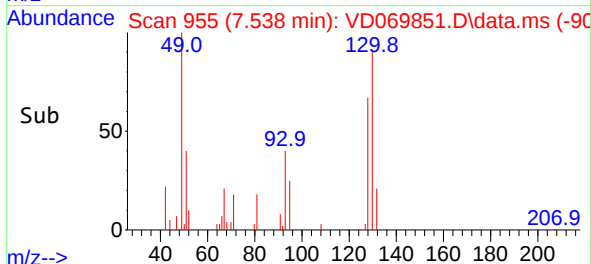
Instrument :
MSVOA_D
ClientSampleId :
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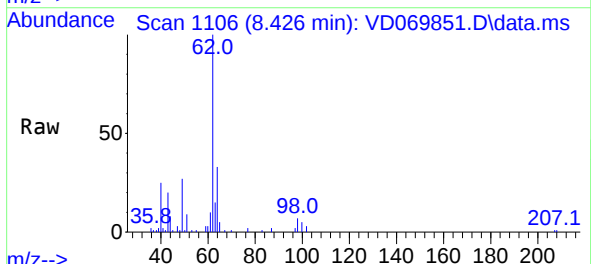
Tgt Ion: 41 Resp: 10938
Ion Ratio Lower Upper
41 100
39 69.9 46.7 70.1
67 0.0 69.3 103.9#
52 0.0 28.2 42.4#

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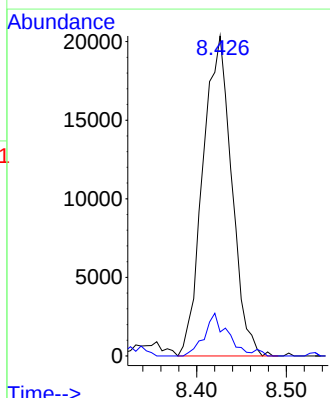
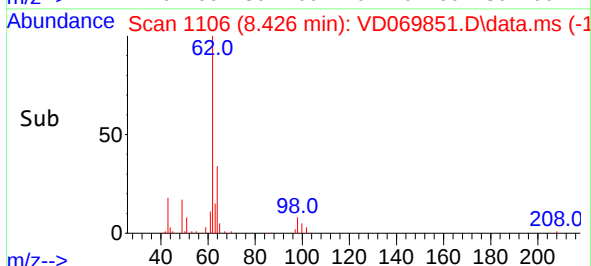
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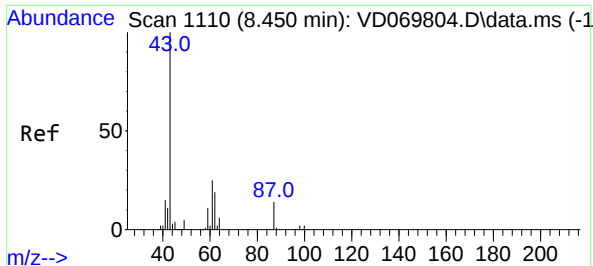


#42
1,2-Dichloroethane
Concen: 4.140 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51



Tgt Ion: 62 Resp: 45434
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.4





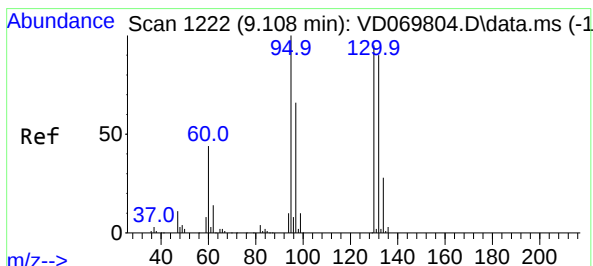
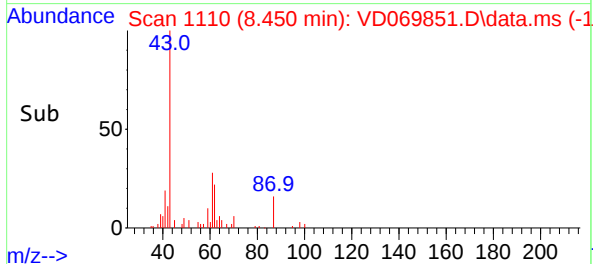
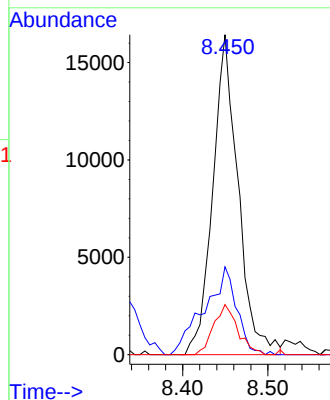
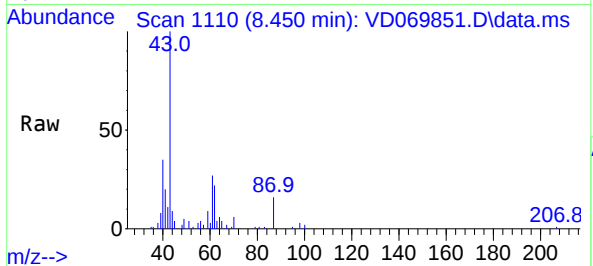
#43
Isopropyl Acetate
Concen: 3.645 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion: 43	Resp: 34090
Ion Ratio	Lower Upper
43 100	
61 35.0	27.8 41.6
87 14.9	11.3 16.9

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

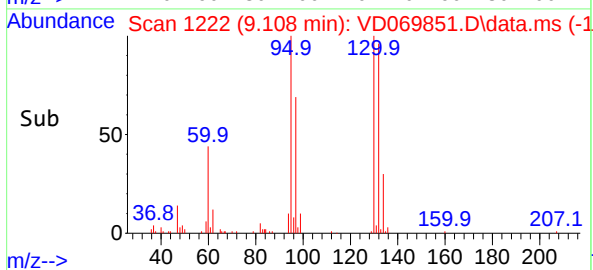
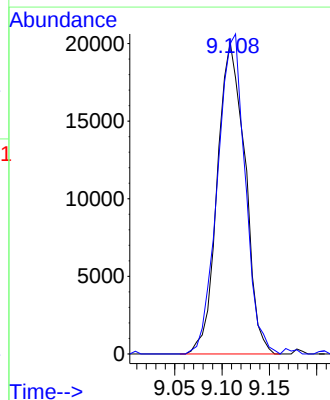
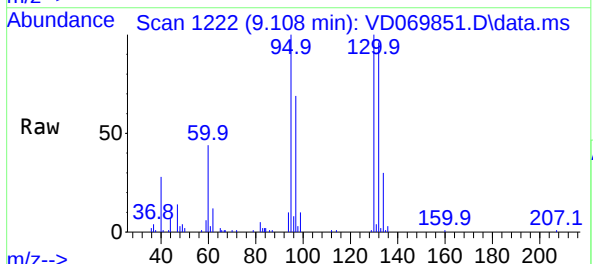
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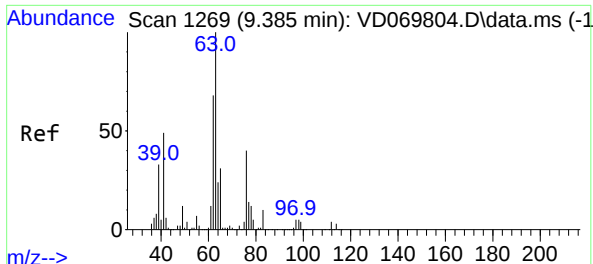
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7/27/2021 12:14:27 PM



#44
Trichloroethene
Concen: 3.994 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion: 130	Resp: 40817
Ion Ratio	Lower Upper
130 100	
95 99.5	0.0 210.8





#45

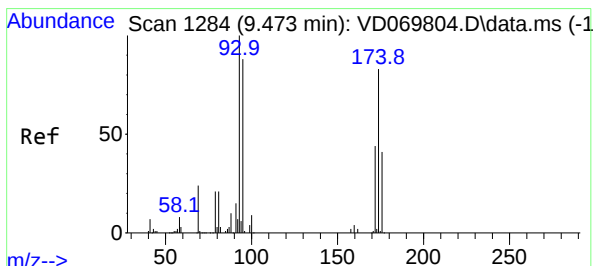
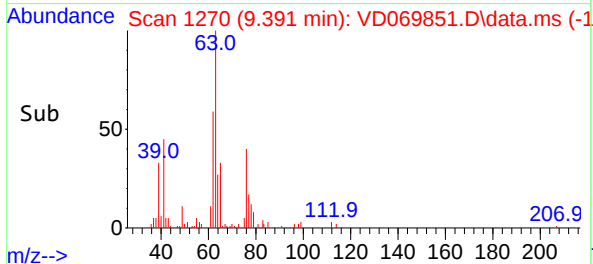
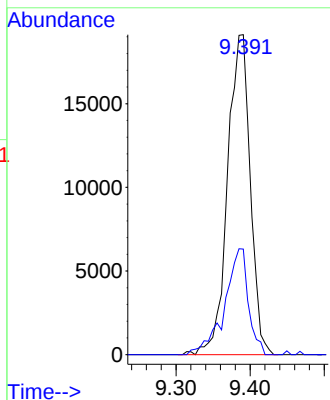
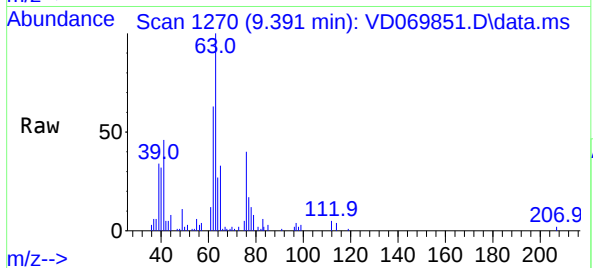
1,2-Dichloropropane
Concen: 3.735 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion: 63 Resp: 40713
Ion Ratio Lower Upper
63 100
65 33.0 24.9 37.3

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

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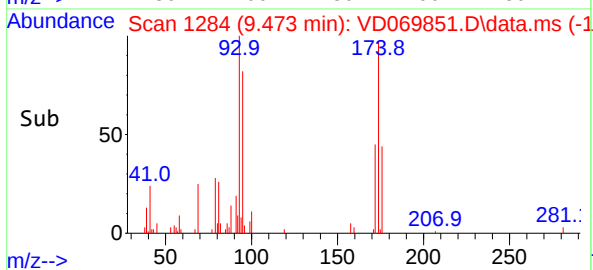
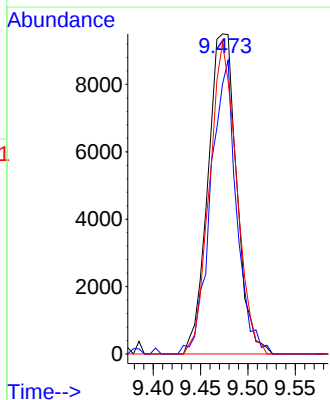
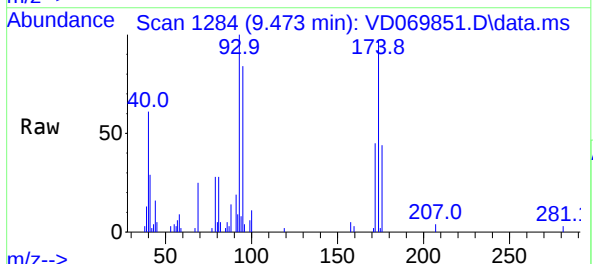
MMDadoda
7/27/2021 12:14:27 PM

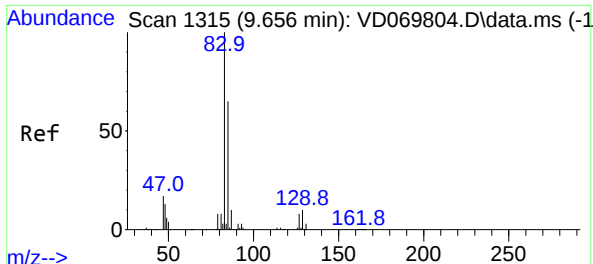


#46

Dibromomethane
Concen: 3.746 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion: 93 Resp: 20070
Ion Ratio Lower Upper
93 100
95 82.1 67.5 101.3
174 91.5 66.3 99.5





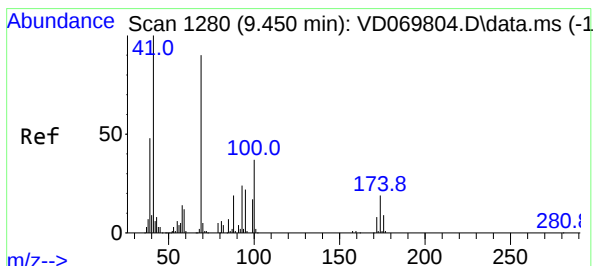
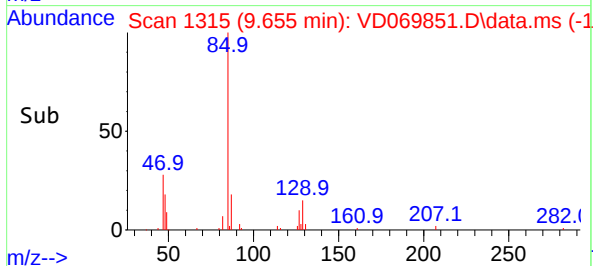
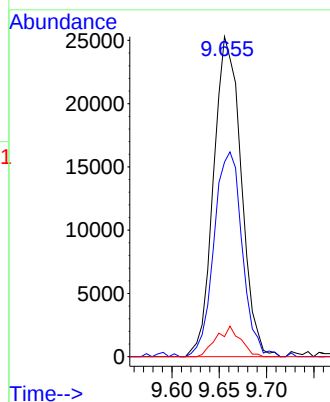
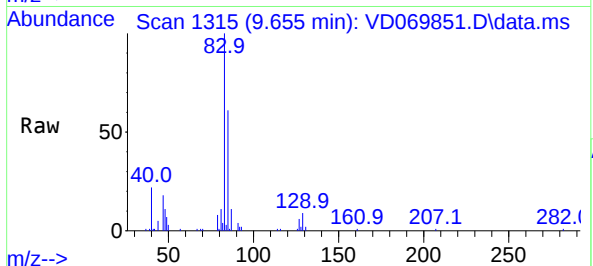
#47
Bromodichloromethane
Concen: 3.687 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion: 83 Resp: 51321
Ion Ratio Lower Upper
83 100
85 60.8 52.0 78.0
127 6.3 6.6 10.0#

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

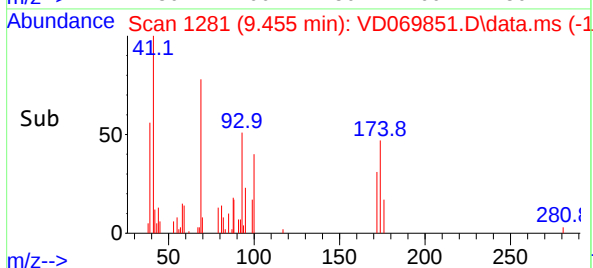
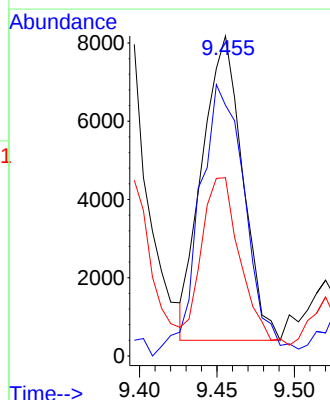
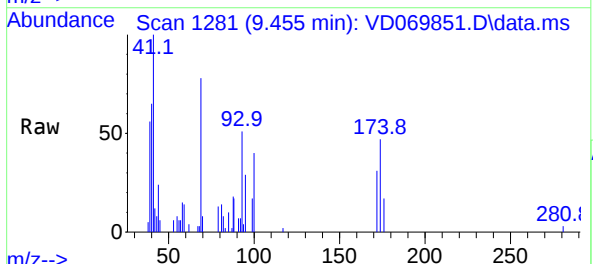
Manual Integrations
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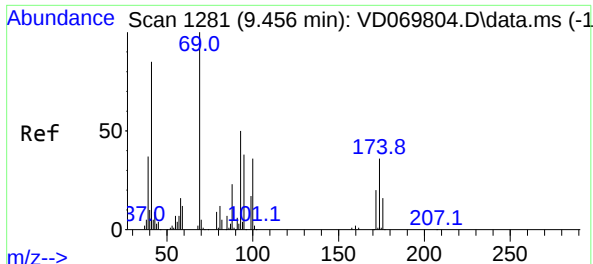
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#48
Methyl methacrylate
Concen: 3.125 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.005 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion: 41 Resp: 14062
Ion Ratio Lower Upper
41 100
69 102.0 73.4 110.2
39 53.2 36.6 55.0





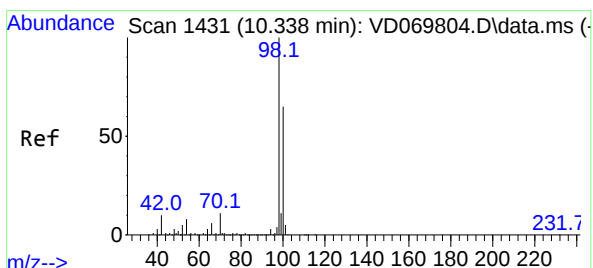
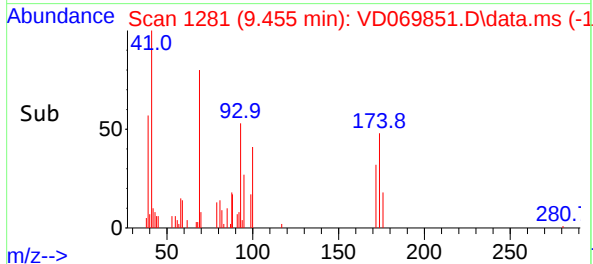
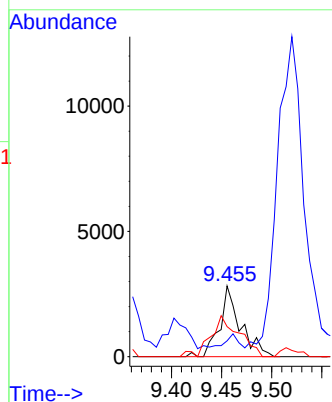
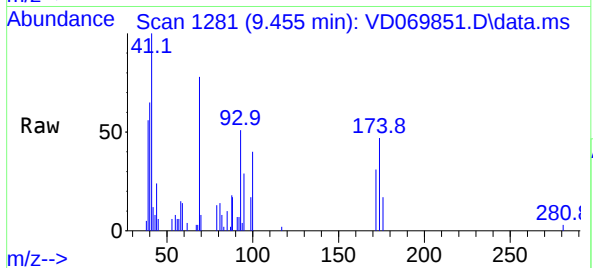
#49
1,4-Dioxane
Concen: 71.316 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion: 88 Resp: 4037
Ion Ratio Lower Upper
88 100
43 0.0 26.8 40.2#
58 80.4 59.8 89.6

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

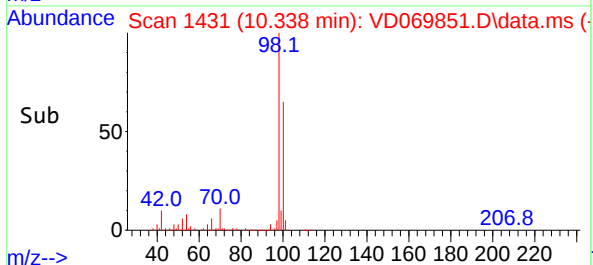
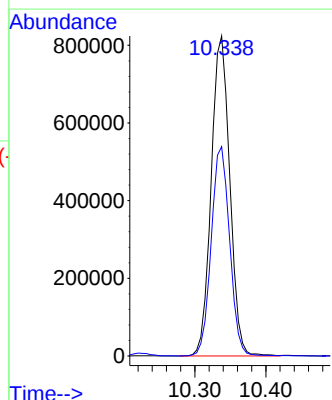
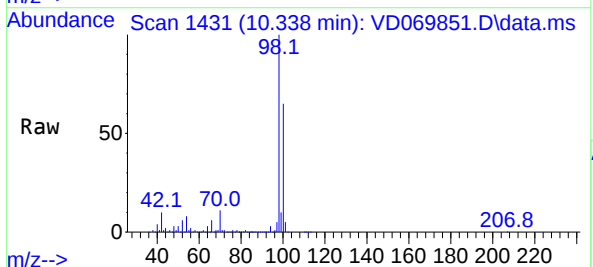
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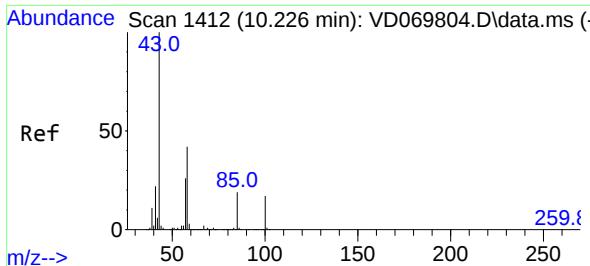
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#50
Toluene-d8
Concen: 46.305 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

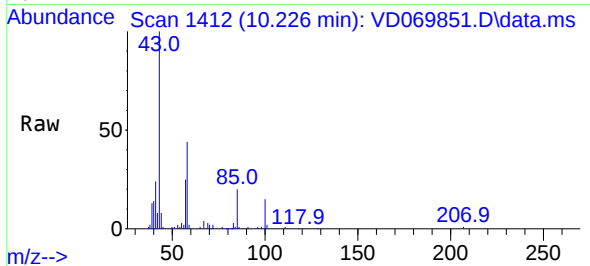
Tgt Ion: 98 Resp: 1493977
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9





#51
4-Methyl-2-Pentanone
Concen: 16.591 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

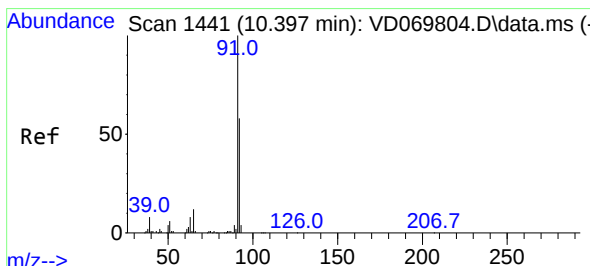
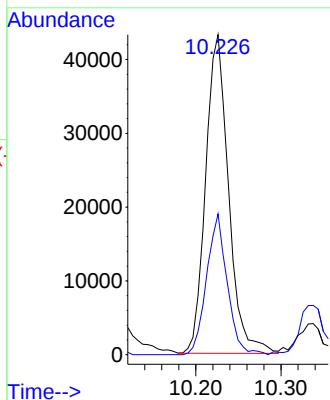
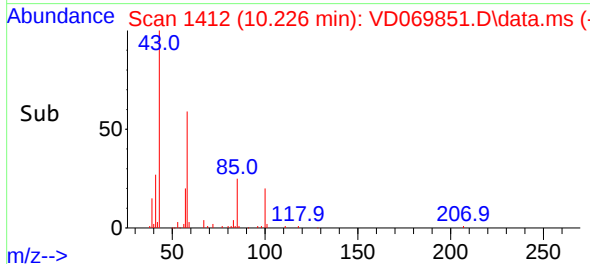
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



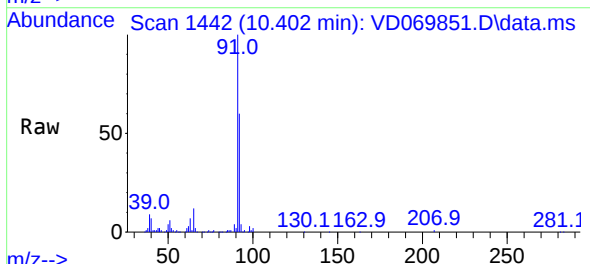
Tgt Ion: 43 Resp: 80742
Ion Ratio Lower Upper
43 100
58 39.6 33.7 50.5

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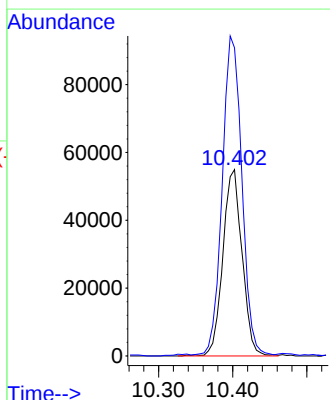
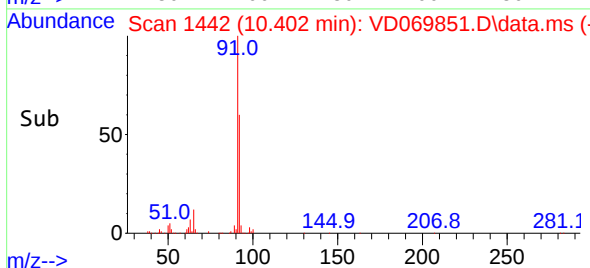
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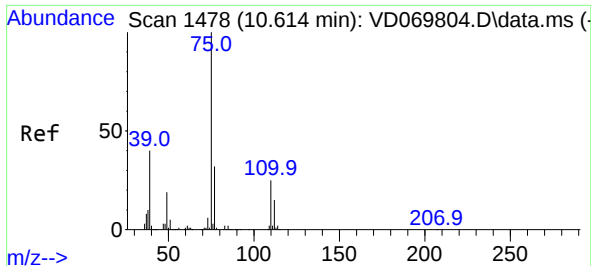


#52
Toluene
Concen: 3.933 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51



Tgt Ion: 92 Resp: 99009
Ion Ratio Lower Upper
92 100
91 174.1 138.7 208.1





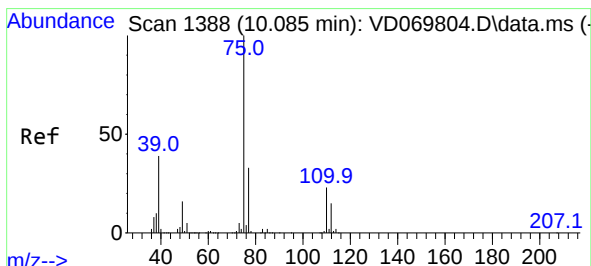
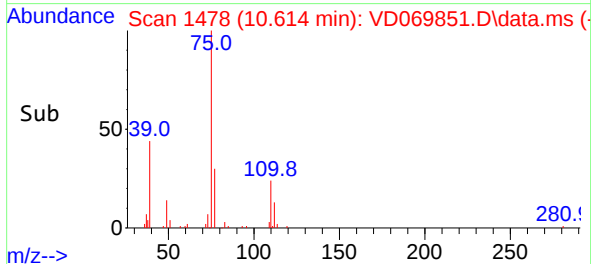
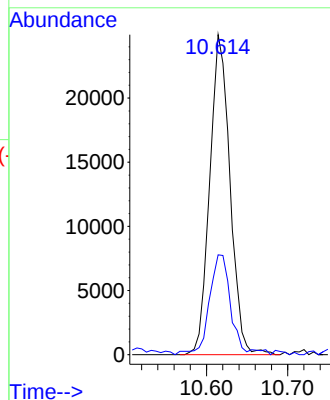
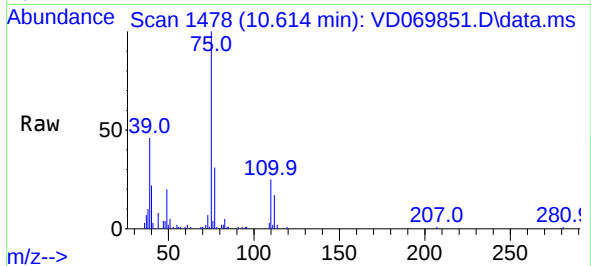
#53
t-1,3-Dichloropropene
Concen: 3.705 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion: 75 Resp: 43294
Ion Ratio Lower Upper
75 100
77 30.2 25.8 38.6

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

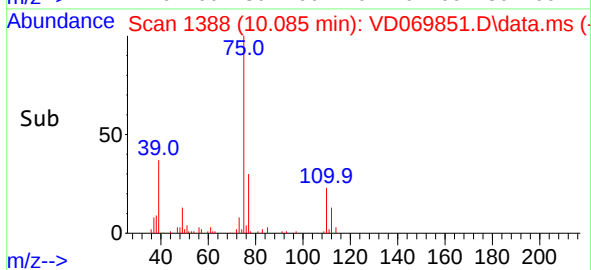
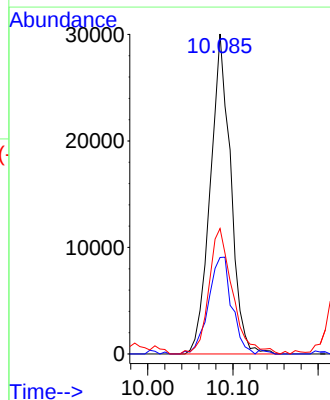
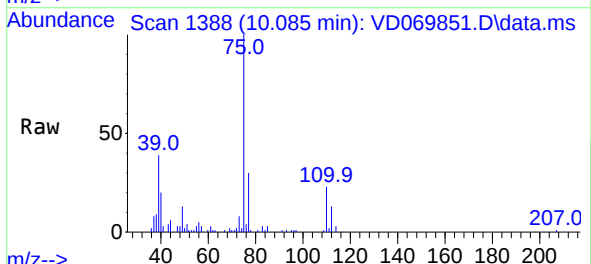
Manual Integrations
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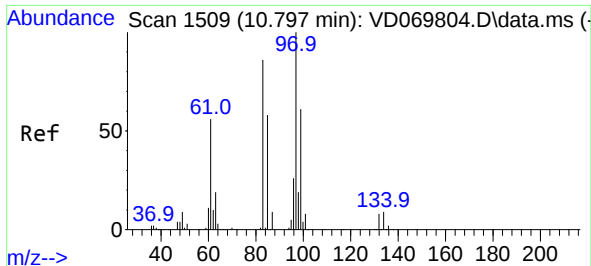
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#54
cis-1,3-Dichloropropene
Concen: 3.532 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

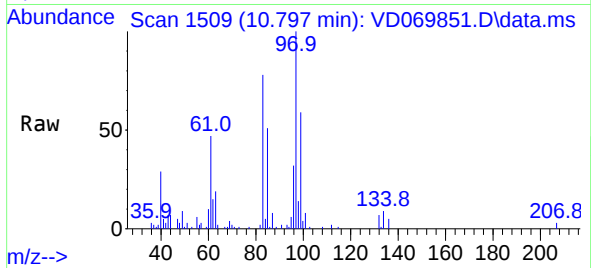
Tgt Ion: 75 Resp: 49959
Ion Ratio Lower Upper
75 100
77 30.2 26.3 39.5
39 39.2 31.0 46.6





#55
1,1,2-Trichloroethane
Concen: 4.648 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

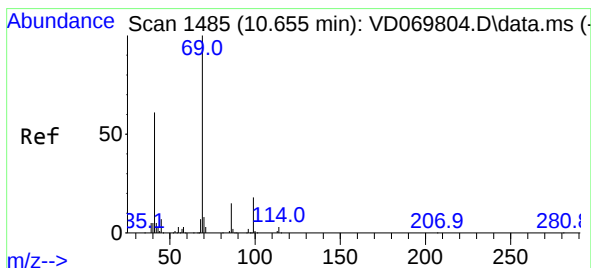
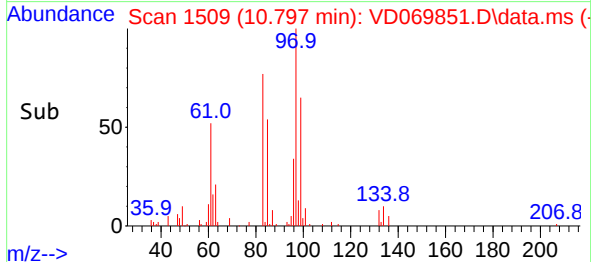
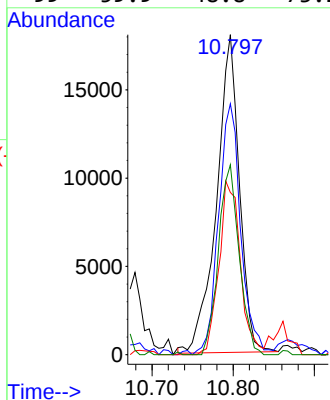
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion:	97	Resp:	35175
Ion	Ratio	Lower	Upper
97	100		
83	79.1	69.1	103.7
85	51.2	46.2	69.2
99	59.9	48.8	73.2

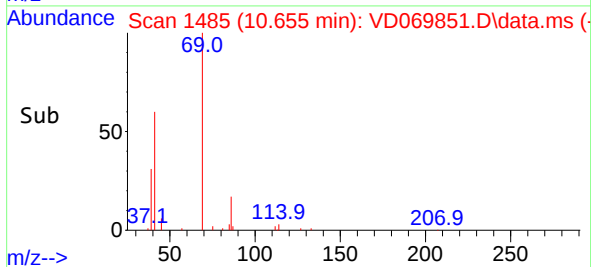
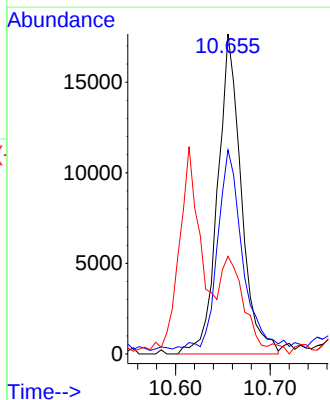
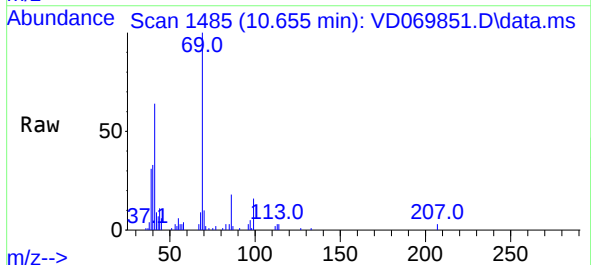
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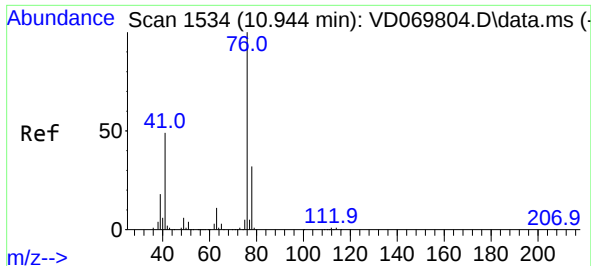
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#56
Ethyl methacrylate
Concen: 3.695 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

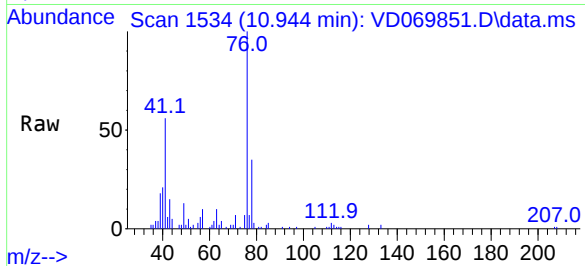
Tgt Ion:	69	Resp:	30618
Ion	Ratio	Lower	Upper
69	100		
41	66.3	50.2	75.2
39	28.1	22.0	33.0





#57
1,3-Dichloropropane
Concen: 3.800 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

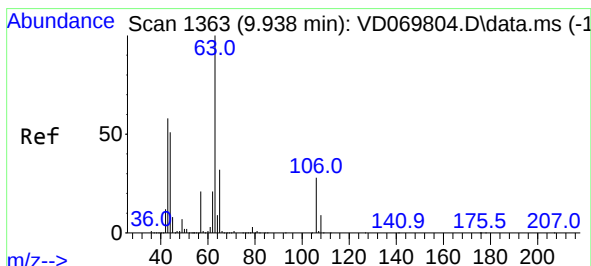
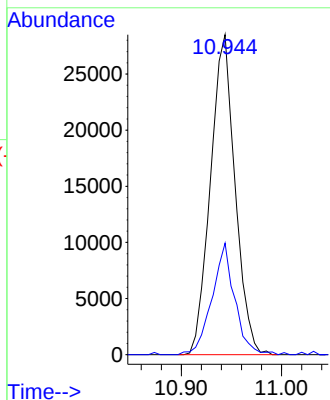
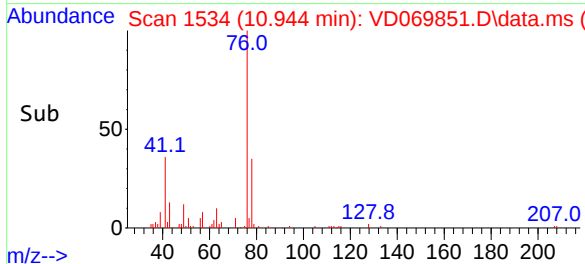
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



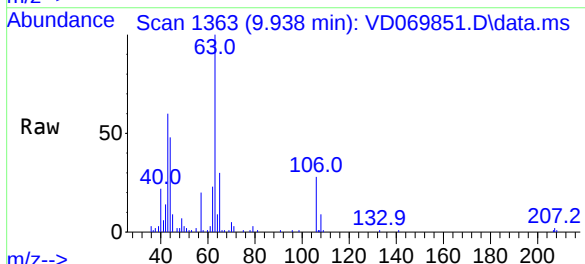
Tgt Ion: 76 Resp: 48659
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.2

Manual Integrations
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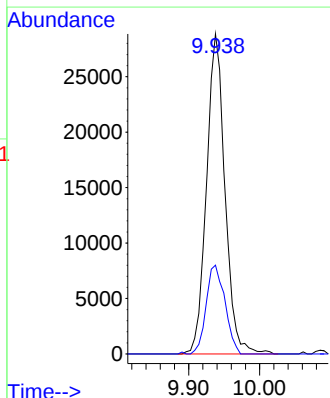
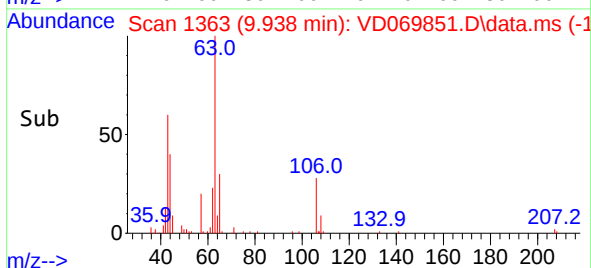
MMDadoda
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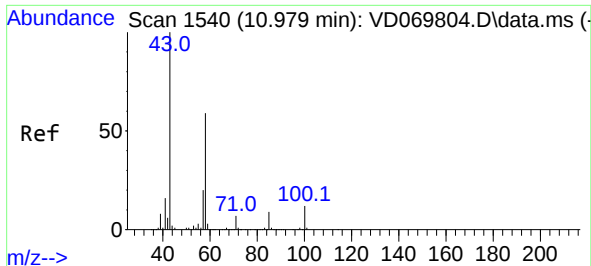


#58
2-Chloroethyl Vinyl ether
Concen: 14.664 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51



Tgt Ion: 63 Resp: 52047
Ion Ratio Lower Upper
63 100
106 28.2 21.8 32.6





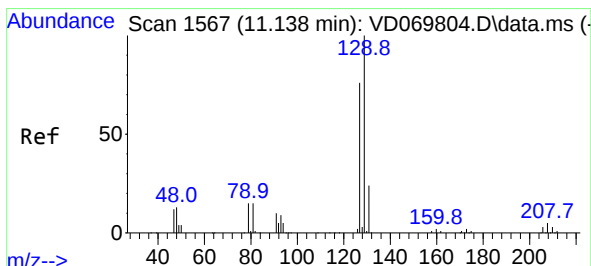
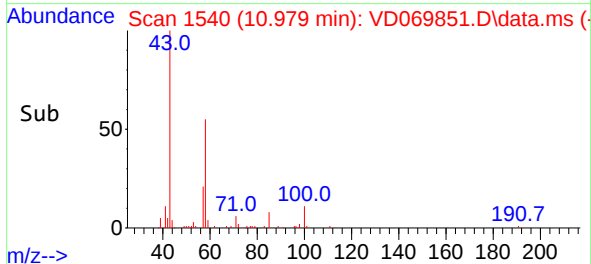
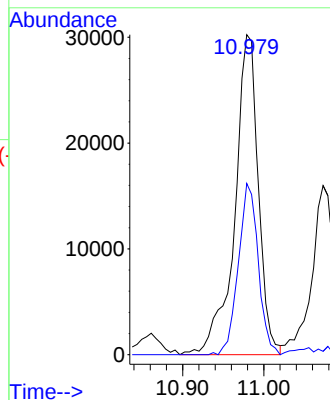
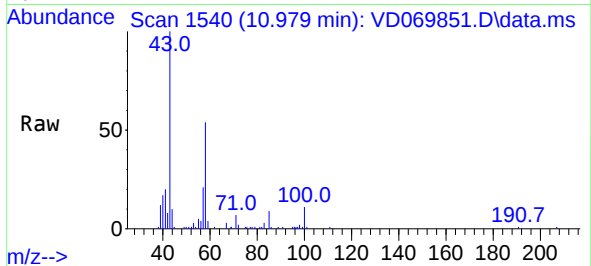
#59
2-Hexanone
Concen: 18.976 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion: 43 Resp: 61086
Ion Ratio Lower Upper
43 100
58 45.0 29.4 88.3

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

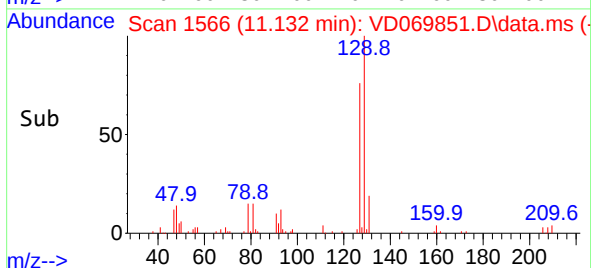
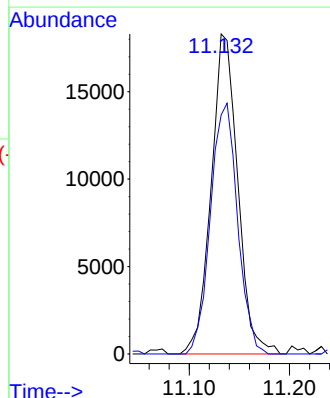
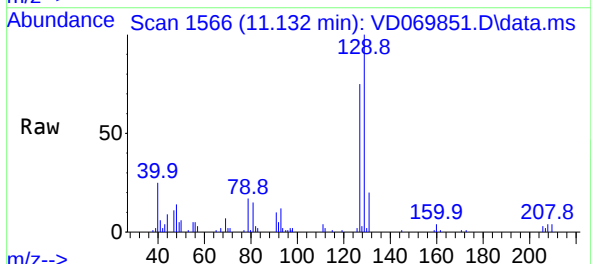
Manual Integrations
APPROVED

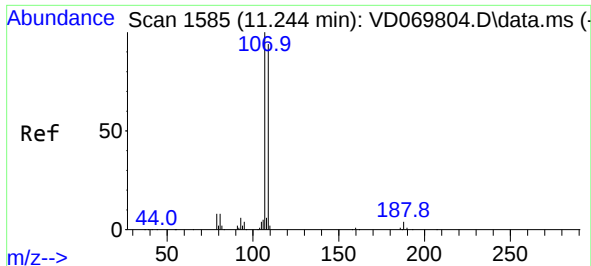
MMDadoda
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#60
Dibromochloromethane
Concen: 3.931 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion: 129 Resp: 33691
Ion Ratio Lower Upper
129 100
127 79.7 38.7 116.1





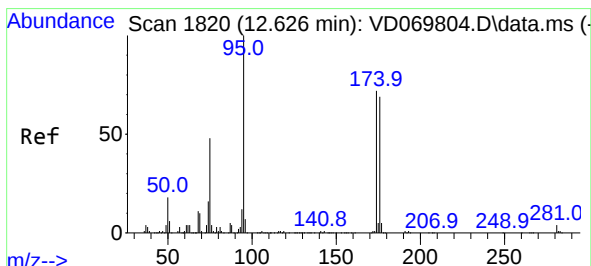
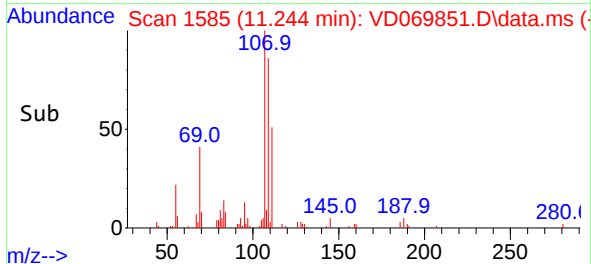
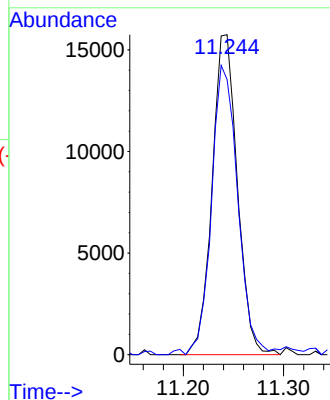
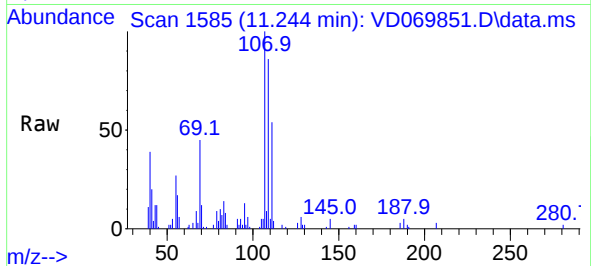
#61
1,2-Dibromoethane
Concen: 4.049 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion: 107 Resp: 27585
Ion Ratio Lower Upper
107 100
109 94.4 74.5 111.7

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

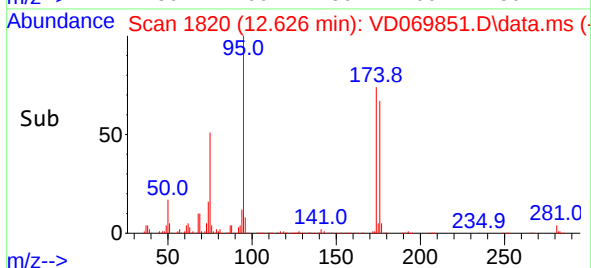
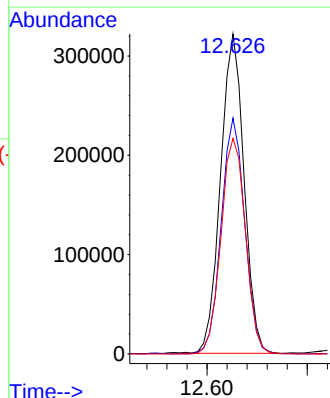
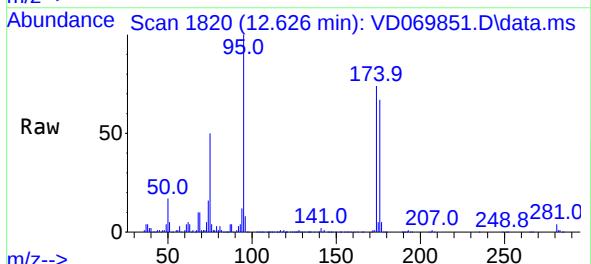
Manual Integrations
APPROVED

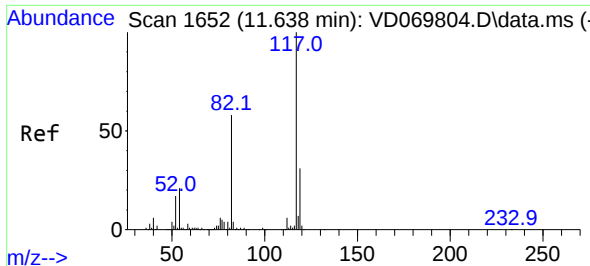
MMDadoda
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#62
4-Bromofluorobenzene
Concen: 48.498 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

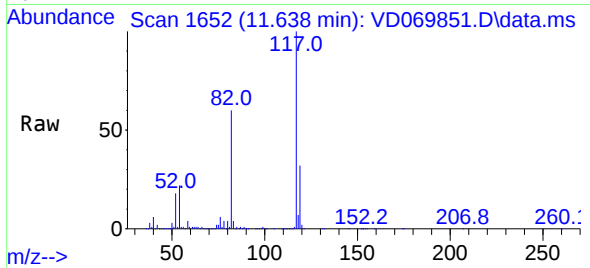
Tgt Ion: 95 Resp: 522940
Ion Ratio Lower Upper
95 100
174 74.0 0.0 142.6
176 70.2 0.0 134.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

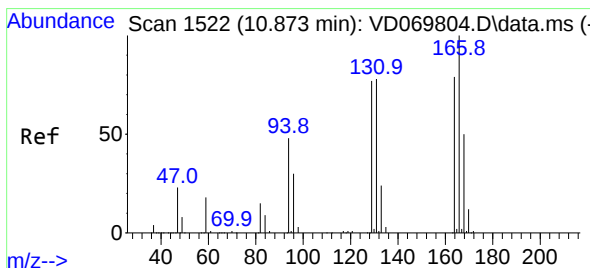
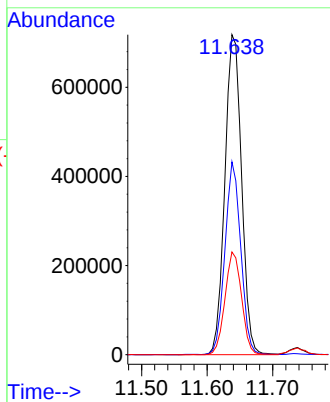
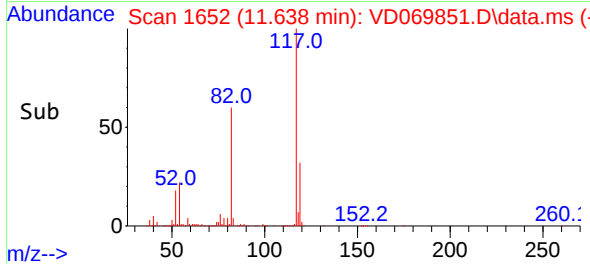
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



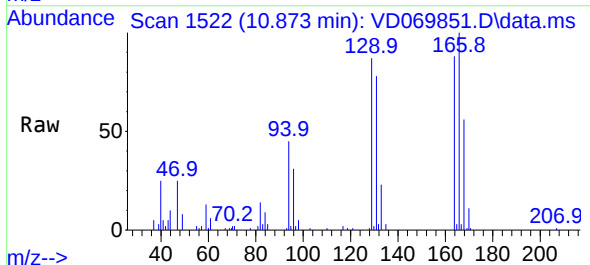
Tgt Ion:117 Resp: 1269692
Ion Ratio Lower Upper
117 100
82 60.3 46.3 69.5
119 32.1 24.7 37.1

Manual Integrations
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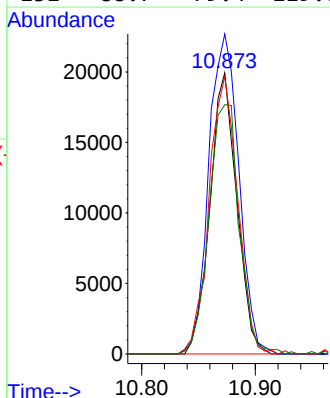
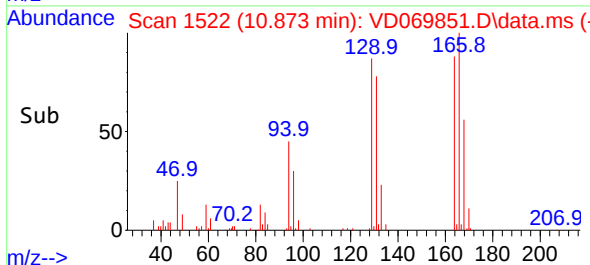
MMDadoda
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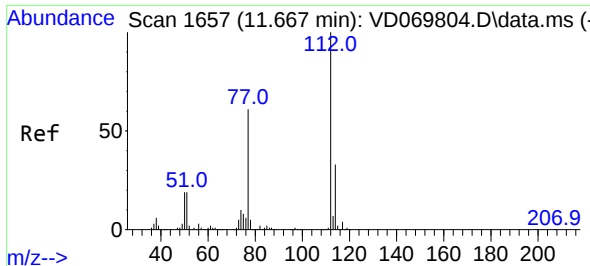


#64
Tetrachloroethene
Concen: 4.044 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51



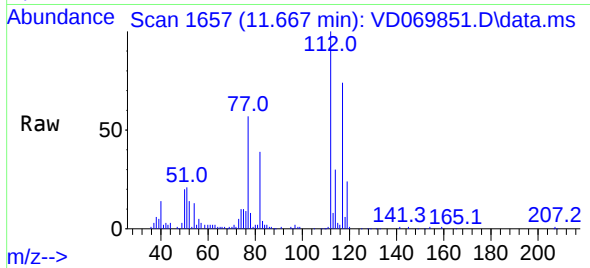
Tgt Ion:164 Resp: 32734
Ion Ratio Lower Upper
164 100
166 113.8 101.8 152.8
129 98.7 78.8 118.2
131 88.7 79.4 119.0





#65
Chlorobenzene
Concen: 4.032 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

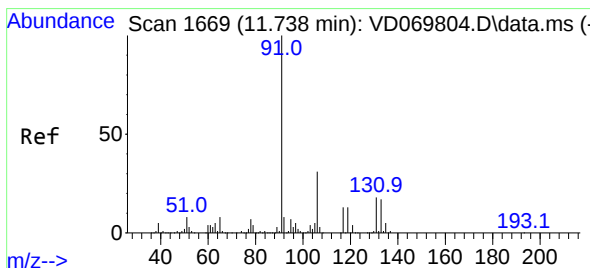
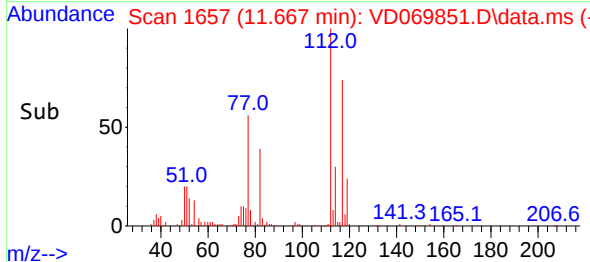
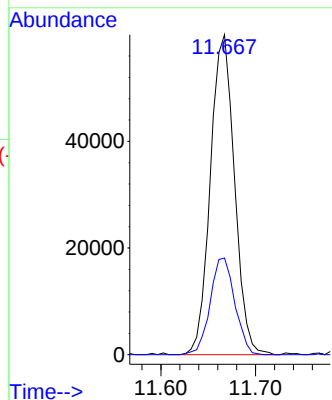
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



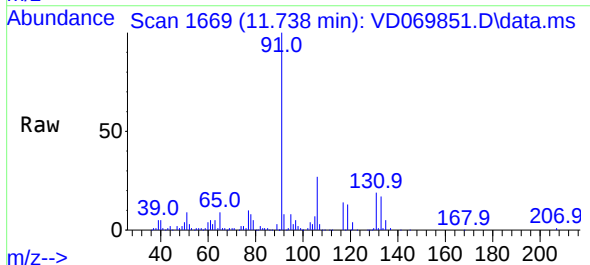
Tgt Ion:112 Resp: 106066
Ion Ratio Lower Upper
112 100
114 30.2 26.5 39.7

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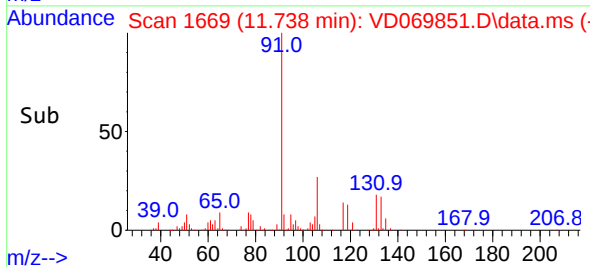
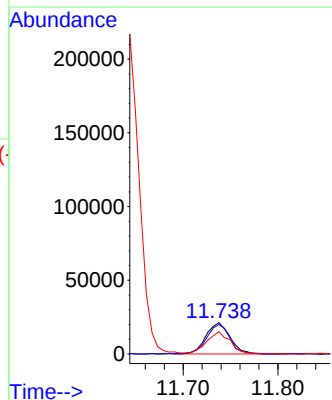
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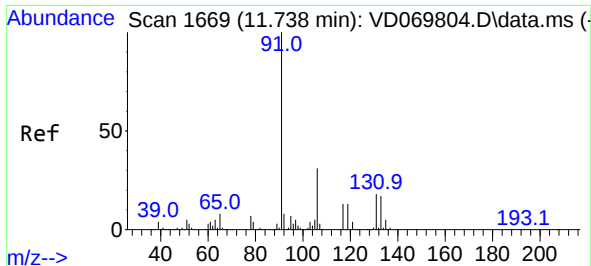


#66
1,1,1,2-Tetrachloroethane
Concen: 3.934 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51



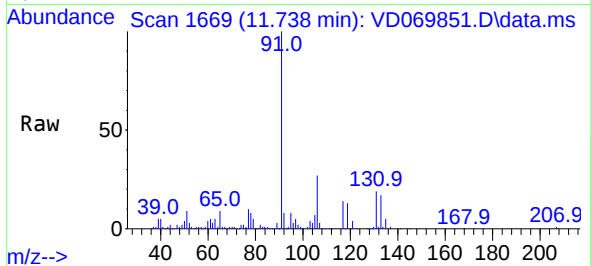
Tgt Ion:131 Resp: 37230
Ion Ratio Lower Upper
131 100
133 92.5 46.4 139.1
119 69.9 34.2 102.5





#67
Ethyl Benzene
Concen: 3.898 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

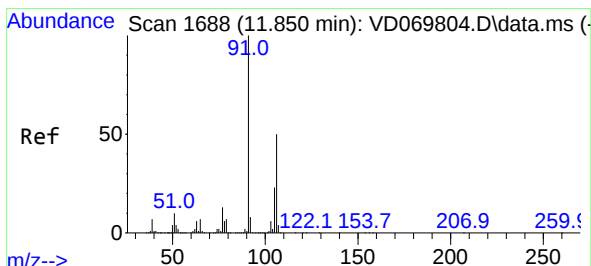
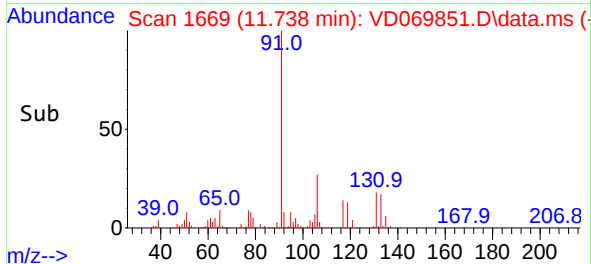
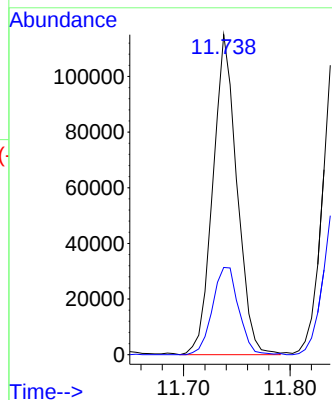
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion: 91 Resp: 180504
Ion Ratio Lower Upper
91 100
106 27.2 24.9 37.3

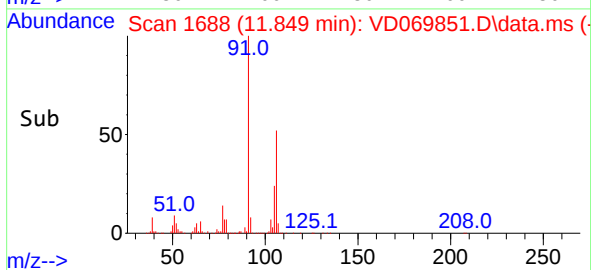
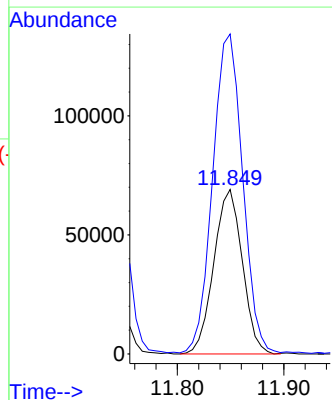
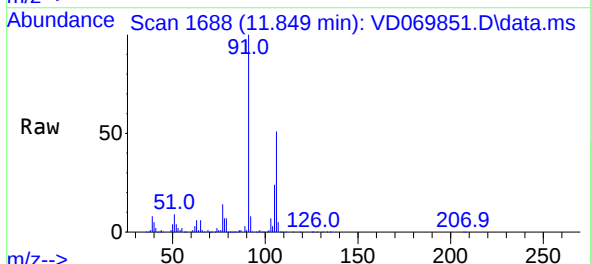
Manual Integrations
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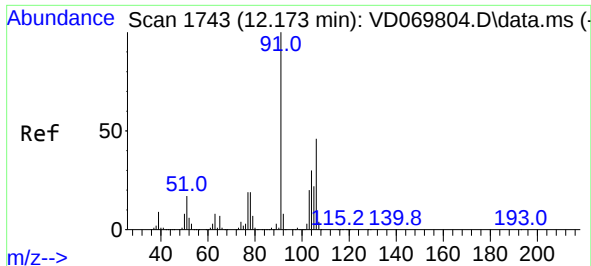
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#68
m/p-Xylenes
Concen: 7.157 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion: 106 Resp: 128497
Ion Ratio Lower Upper
106 100
91 204.4 162.4 243.6





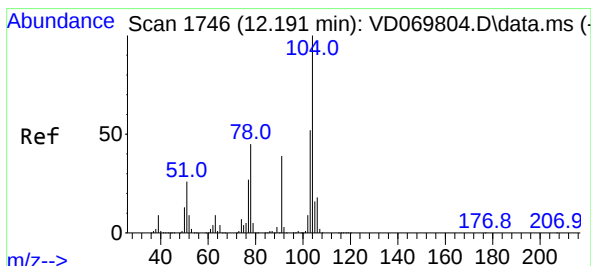
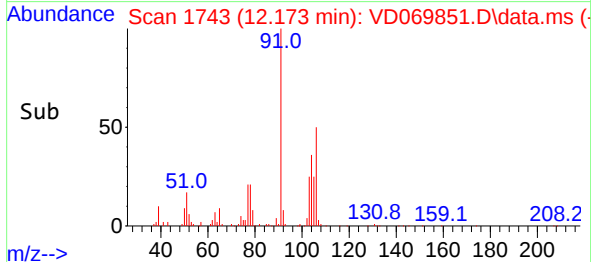
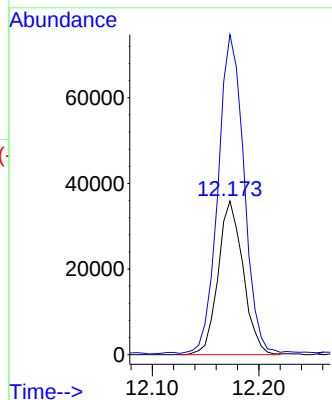
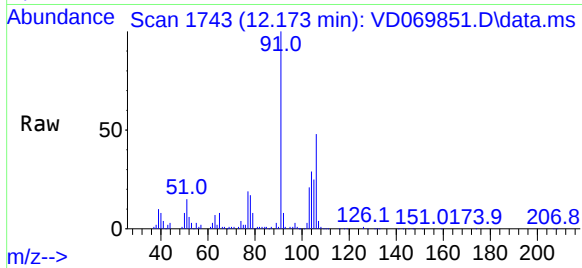
#69
o-Xylene
Concen: 3.573 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion:106 Resp: 58322
Ion Ratio Lower Upper
106 100
91 218.5 107.6 322.8

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

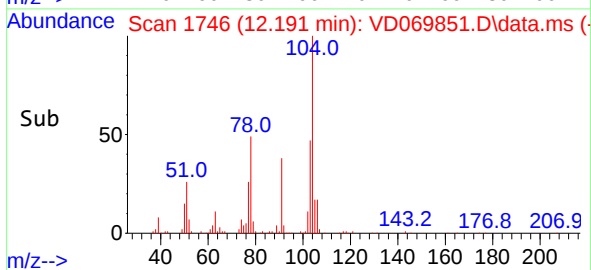
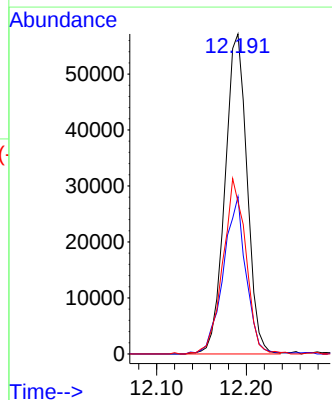
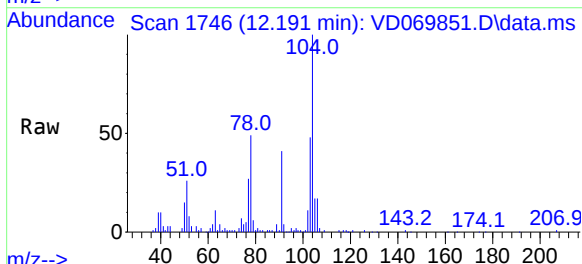
Manual Integrations
APPROVED

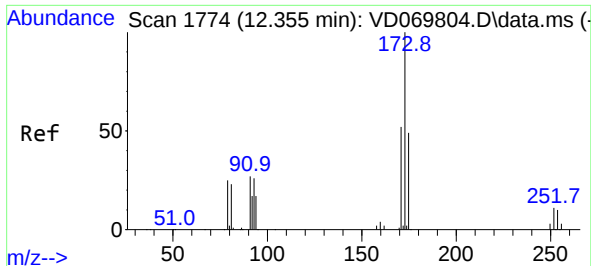
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#70
Styrene
Concen: 3.452 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

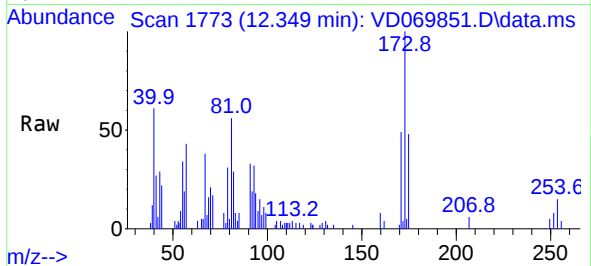
Tgt Ion:104 Resp: 97636
Ion Ratio Lower Upper
104 100
78 50.7 39.7 59.5
103 57.1 44.0 66.0





#71
Bromoform
Concen: 3.674 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

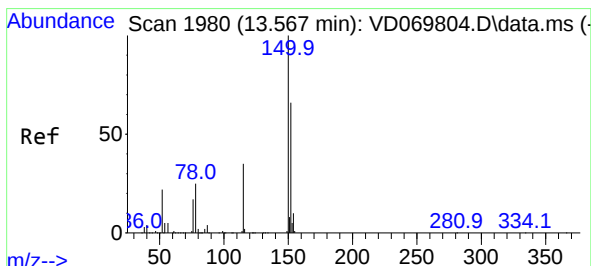
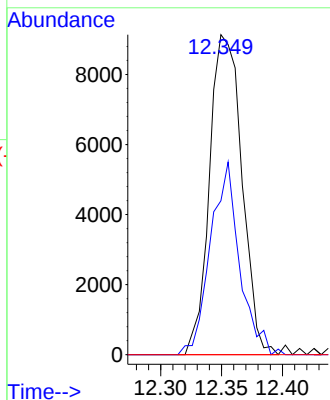
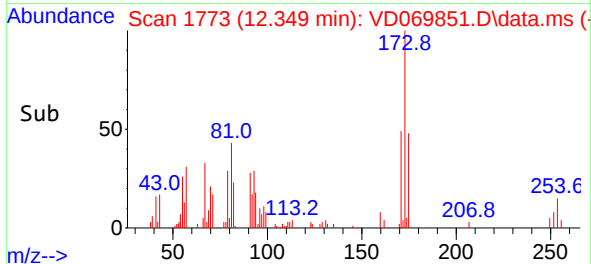
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



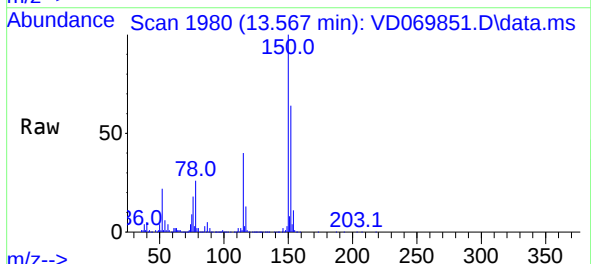
Tgt Ion:173 Resp: 16884
Ion Ratio Lower Upper
173 100
175 54.3 24.1 72.3
254 0.0 0.1 0.1#

Manual Integrations
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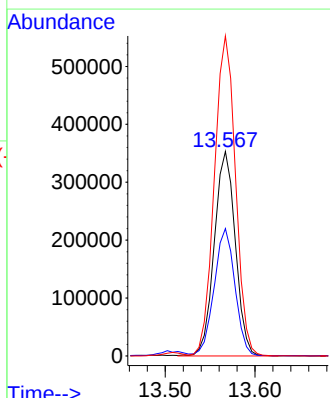
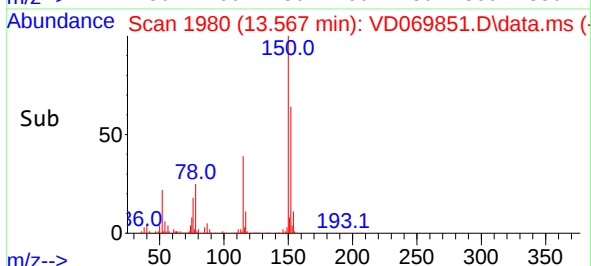
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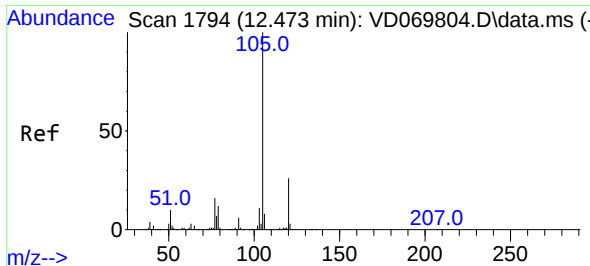


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51



Tgt Ion:152 Resp: 575108
Ion Ratio Lower Upper
152 100
115 61.4 31.1 93.3
150 157.8 0.0 343.0





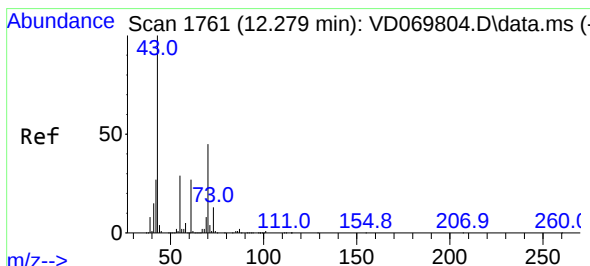
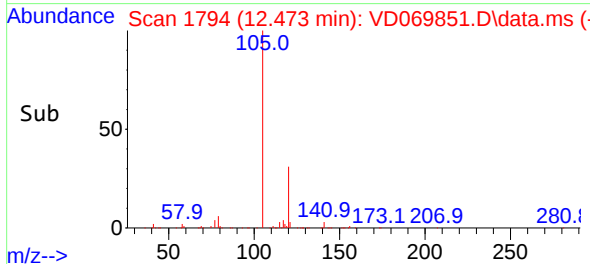
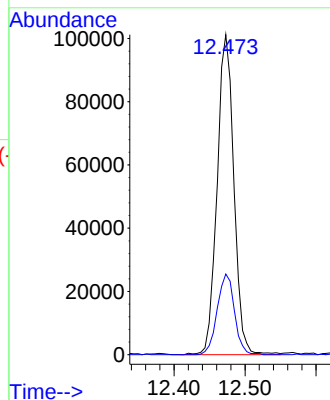
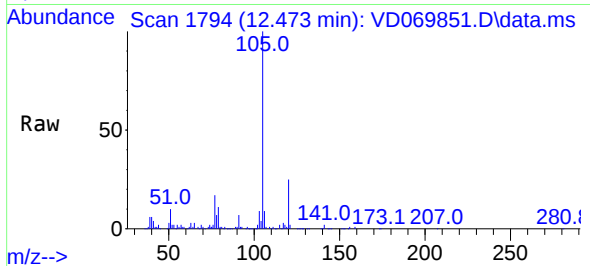
#73
Isopropylbenzene
Concen: 4.000 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion: 105 Resp: 165287
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9

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

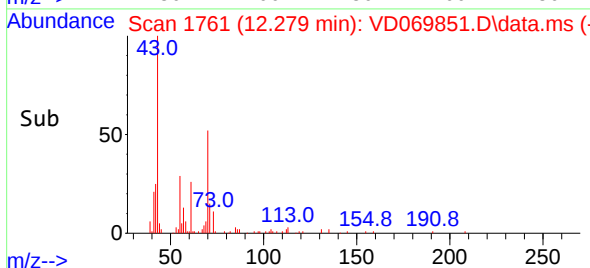
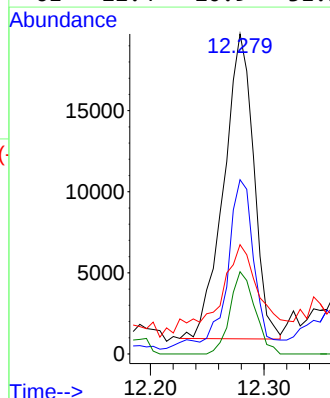
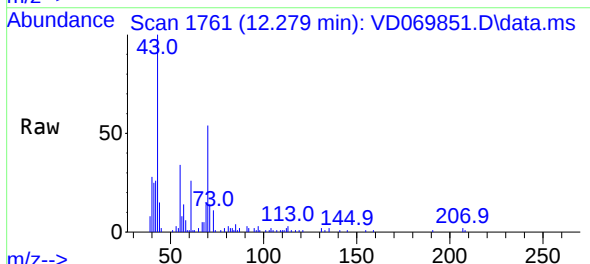
Manual Integrations
APPROVED

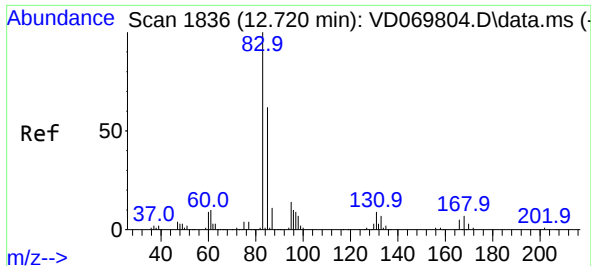
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#74
N-ethyl acetate
Concen: 4.053 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion: 43 Resp: 34450
Ion Ratio Lower Upper
43 100
70 50.8 37.9 56.9
55 39.4 23.7 35.5#
61 22.4 20.9 31.3





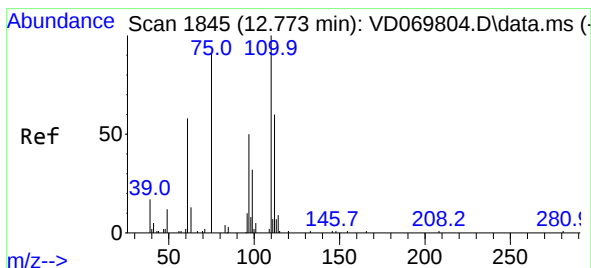
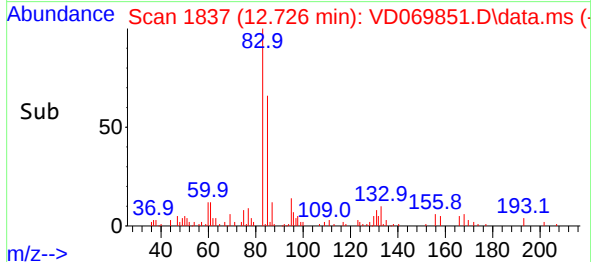
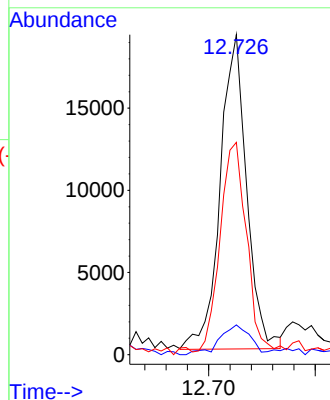
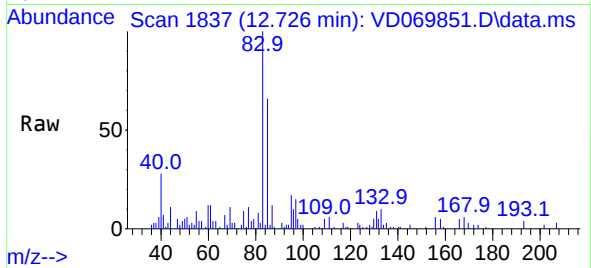
#75
1,1,2,2-Tetrachloroethane
Concen: 4.004 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion: 83 Resp: 33045
Ion Ratio Lower Upper
83 100
131 11.0 4.9 14.6
85 66.3 31.8 95.4

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

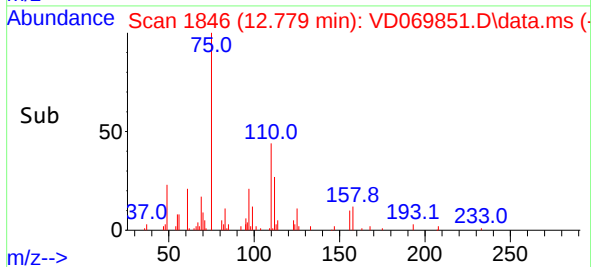
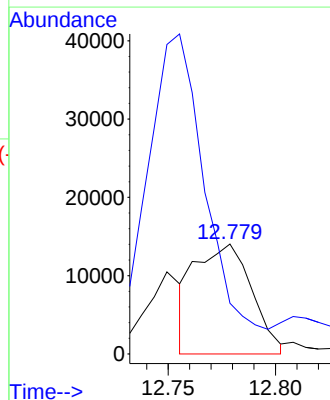
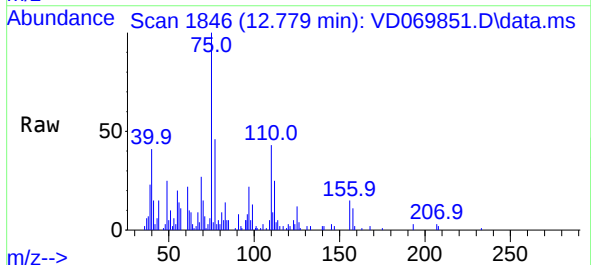
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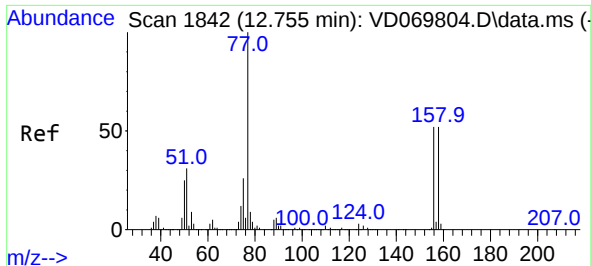
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#76
1,2,3-Trichloropropane
Concen: 4.227 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

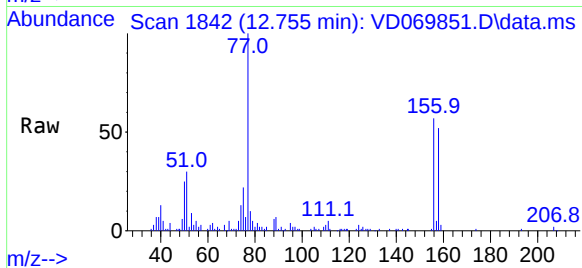
Tgt Ion: 75 Resp: 25841
Ion Ratio Lower Upper
75 100
77 0.0 181.5 544.5#





#77
Bromobenzene
Concen: 4.118 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

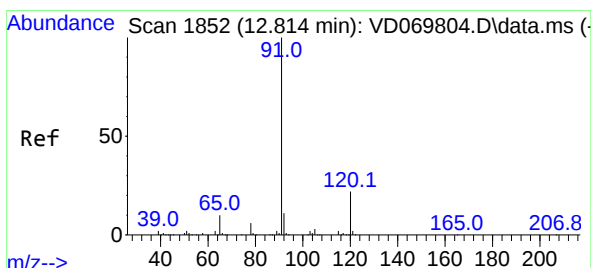
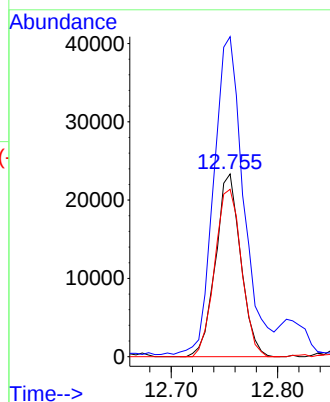
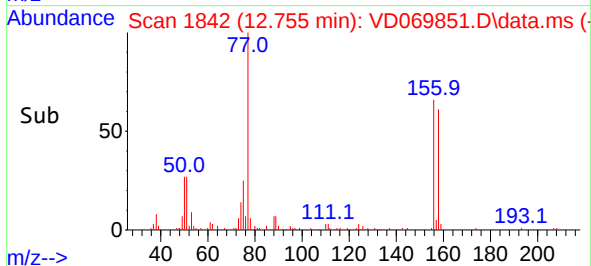
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



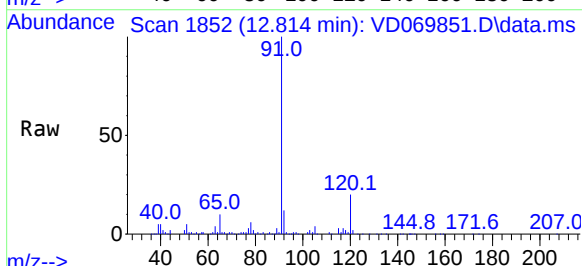
Tgt Ion:156 Resp: 38321
Ion Ratio Lower Upper
156 100
77 205.1 107.1 321.3
158 96.7 48.1 144.3

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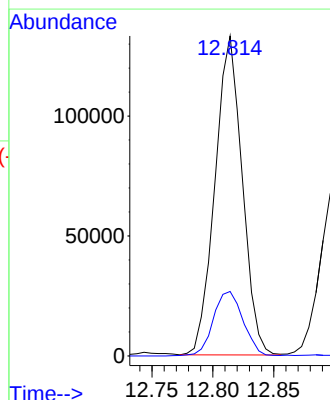
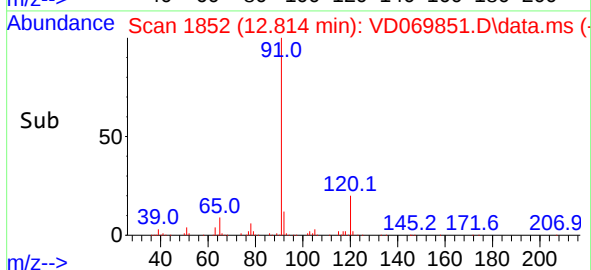
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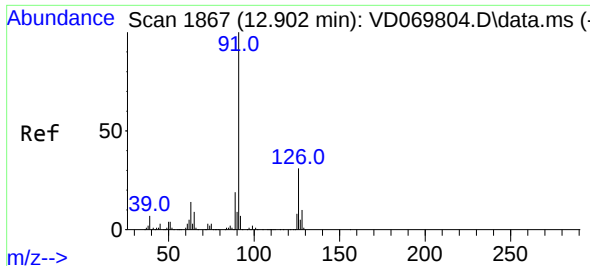


#78
n-propylbenzene
Concen: 3.896 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51



Tgt Ion: 91 Resp: 206758
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.7





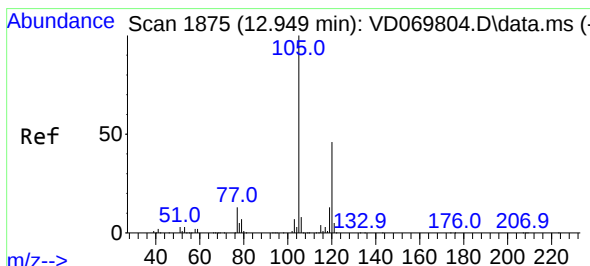
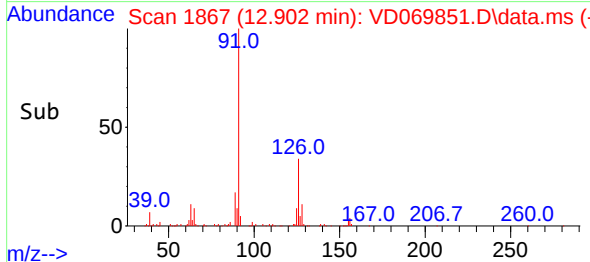
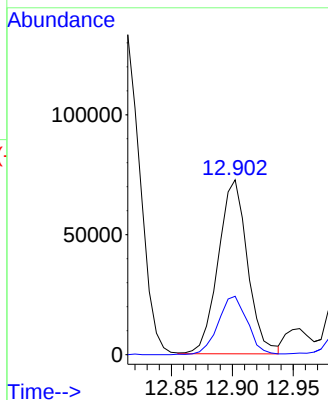
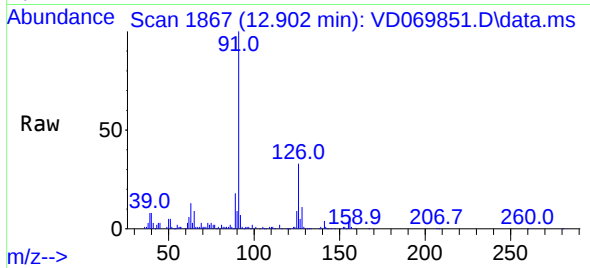
#79
2-Chlorotoluene
Concen: 3.941 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion: 91 Resp: 121480
Ion Ratio Lower Upper
91 100
126 33.6 15.9 47.7

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

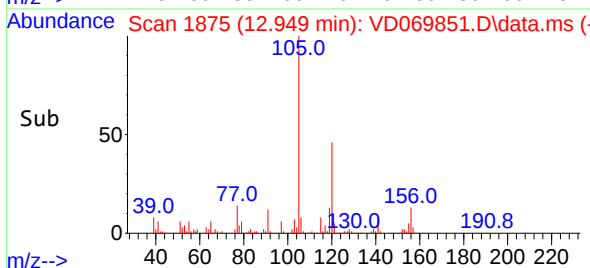
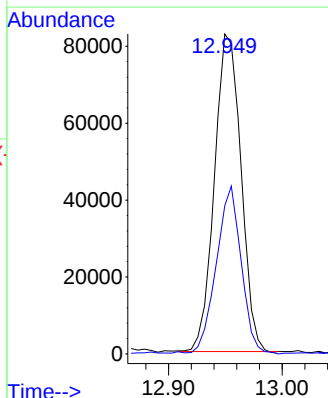
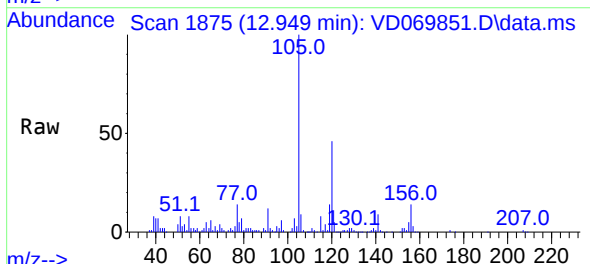
Manual Integrations
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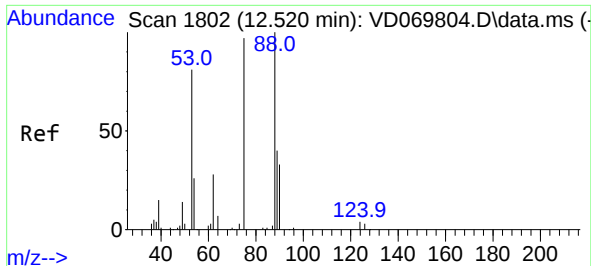
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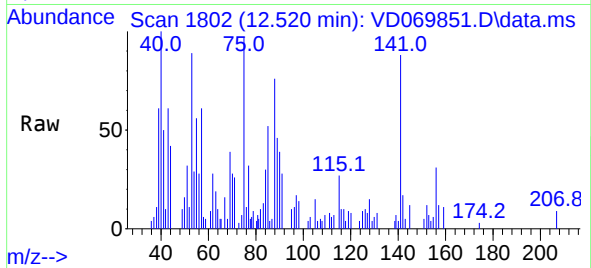
#80
1,3,5-Trimethylbenzene
Concen: 3.793 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion: 105 Resp: 134093
Ion Ratio Lower Upper
105 100
120 49.9 23.8 71.2

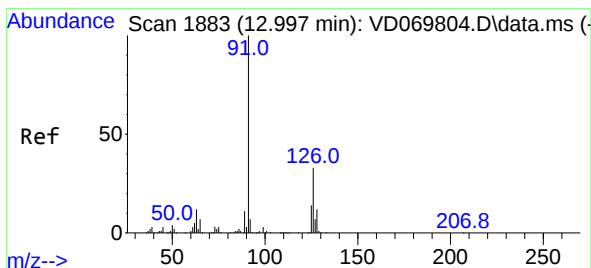
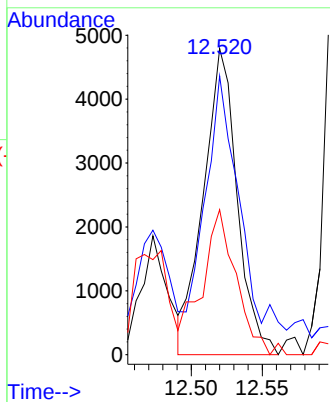
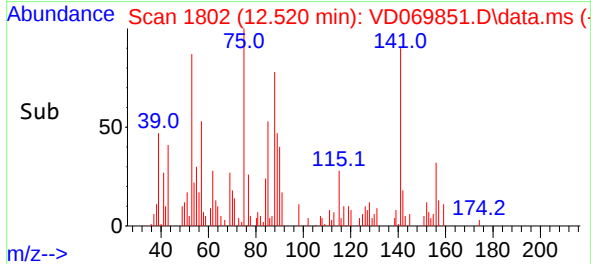




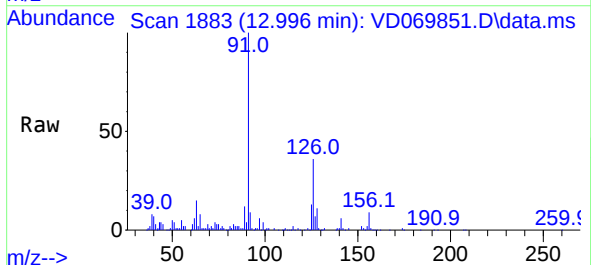
#81
trans-1,4-Dichloro-2-butene
Concen: 3.930 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51



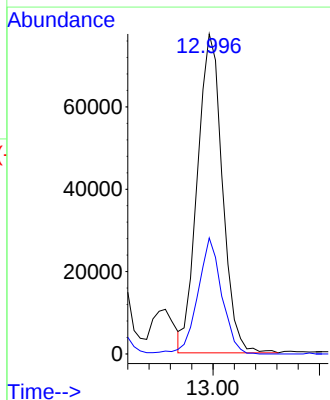
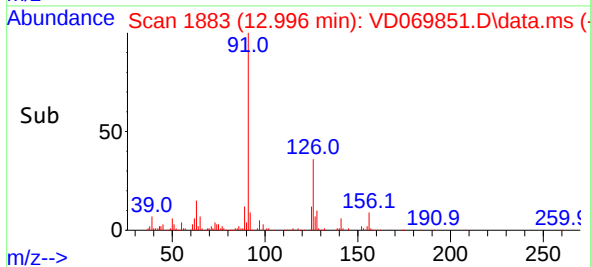
Tgt Ion: 75 Resp: 7919
Ion Ratio Lower Upper
75 100
53 78.9 67.2 100.8
89 48.6 35.8 53.6



#82
4-Chlorotoluene
Concen: 3.913 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51



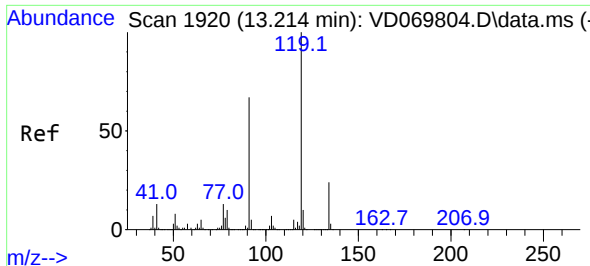
Tgt Ion: 91 Resp: 126114
Ion Ratio Lower Upper
91 100
126 35.0 15.9 47.6



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

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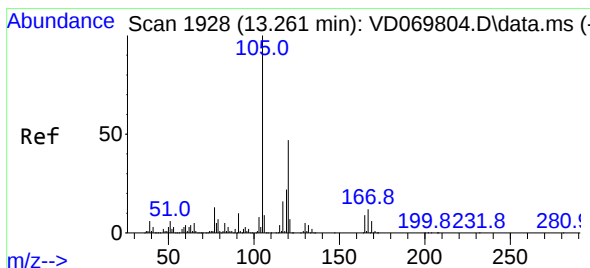
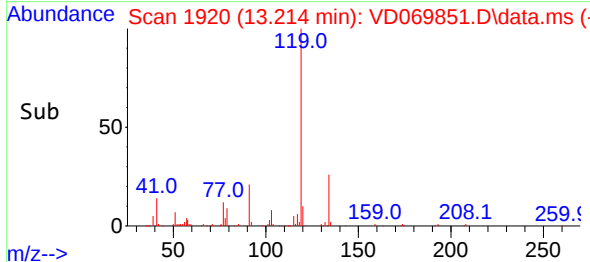
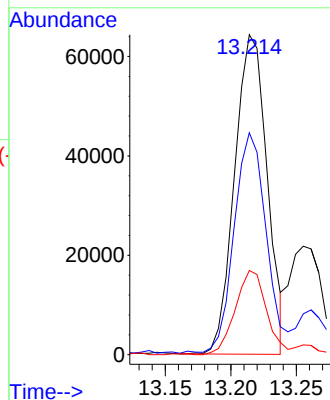
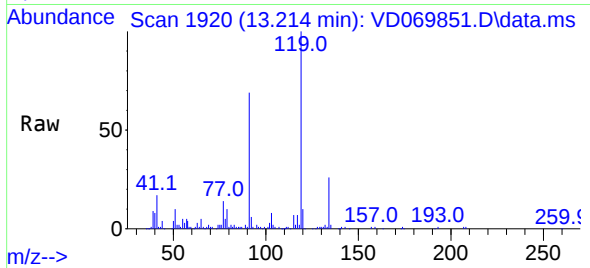
#83
tert-Butylbenzene
Concen: 3.857 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion:119 Resp: 110846
Ion Ratio Lower Upper
119 100
91 68.0 33.7 101.1
134 25.2 13.3 39.8

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

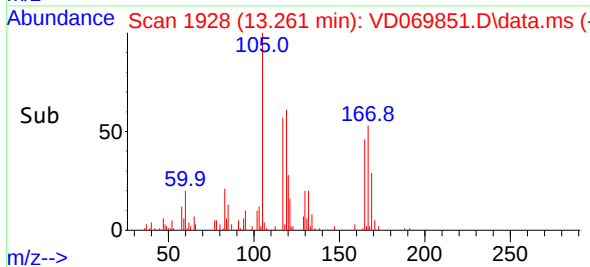
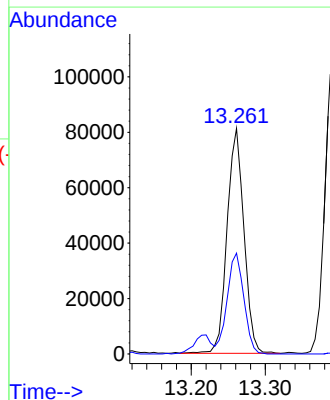
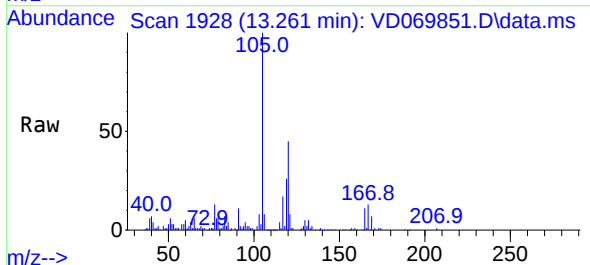
Manual Integrations
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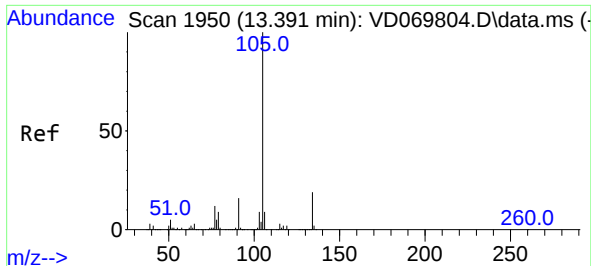
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#84
1,2,4-Trimethylbenzene
Concen: 3.675 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion:105 Resp: 128171
Ion Ratio Lower Upper
105 100
120 44.4 22.6 67.8





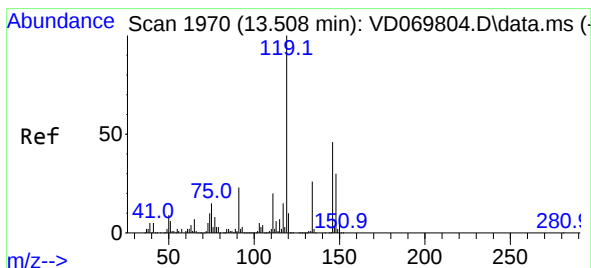
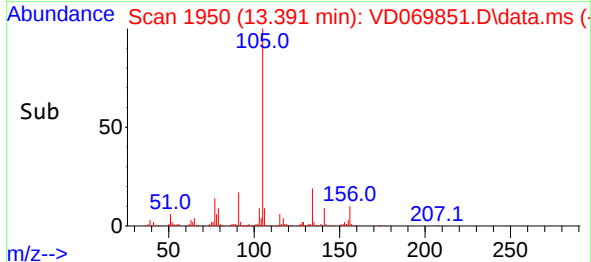
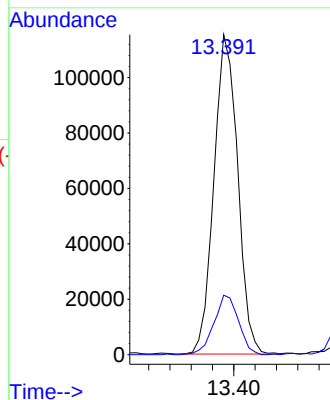
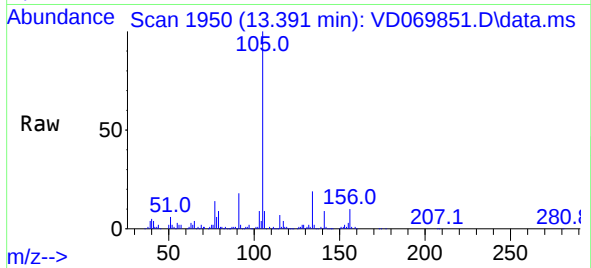
#85
sec-Butylbenzene
Concen: 3.928 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion:105 Resp: 178480
Ion Ratio Lower Upper
105 100
134 19.3 9.6 28.6

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

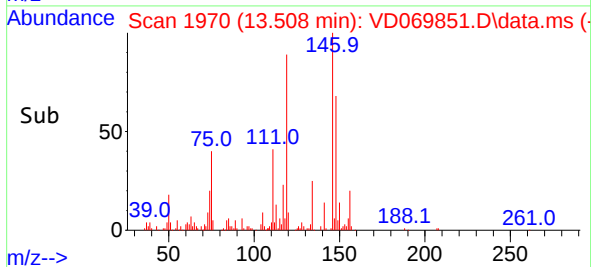
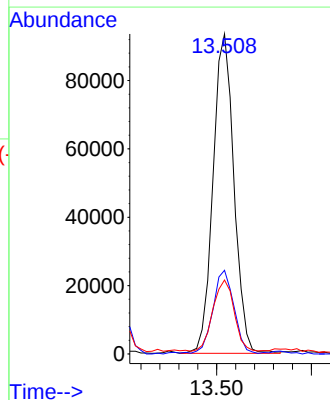
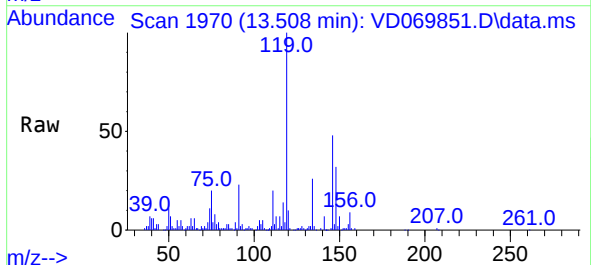
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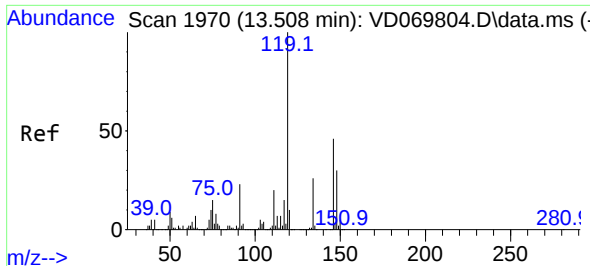
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#86
p-Isopropyltoluene
Concen: 3.880 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion:119 Resp: 143225
Ion Ratio Lower Upper
119 100
134 26.5 12.6 37.8
91 22.8 11.7 35.1





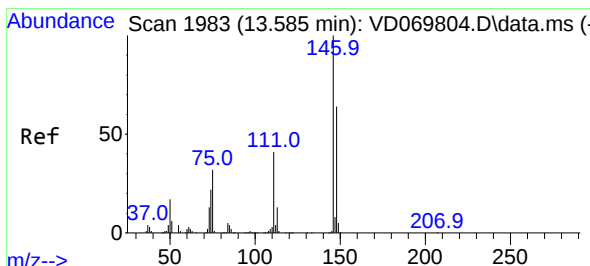
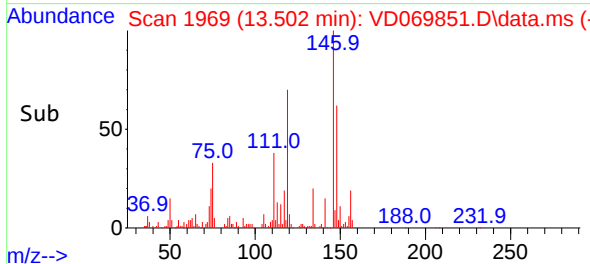
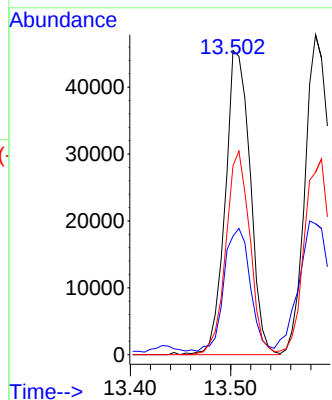
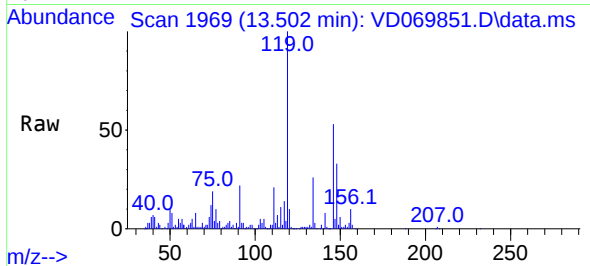
#87
1,3-Dichlorobenzene
Concen: 4.010 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion:146 Resp: 78351
Ion Ratio Lower Upper
146 100
111 42.5 21.7 65.1
148 64.4 32.1 96.3

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

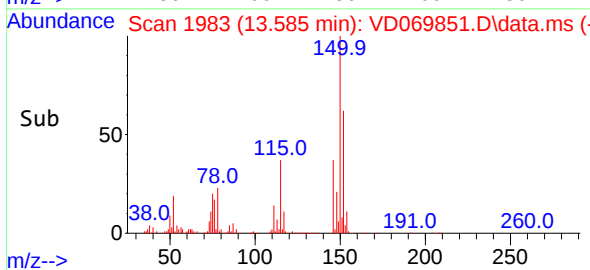
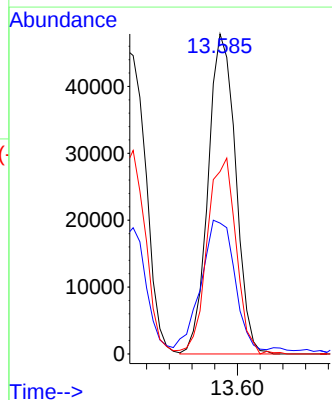
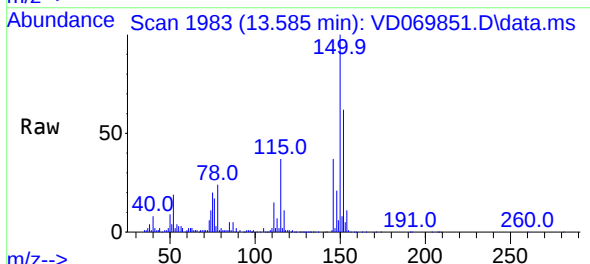
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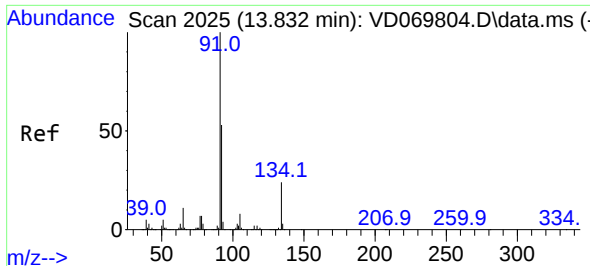
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#88
1,4-Dichlorobenzene
Concen: 4.136 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

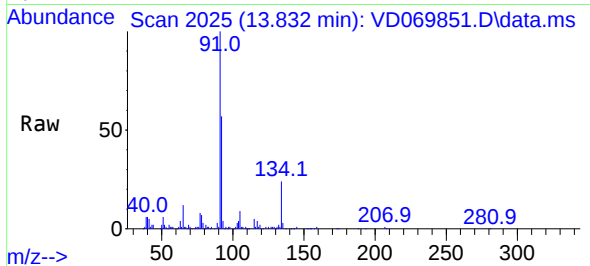
Tgt Ion:146 Resp: 80544
Ion Ratio Lower Upper
146 100
111 49.0 20.8 62.4
148 64.4 31.6 95.0





#89
n-Butylbenzene
Concen: 3.662 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

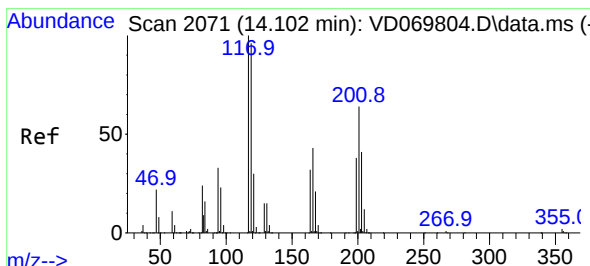
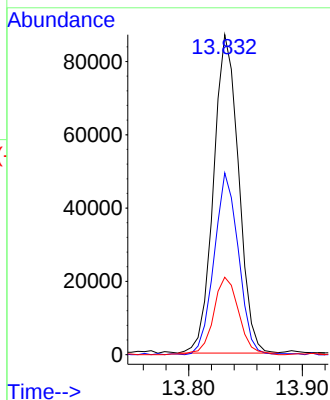
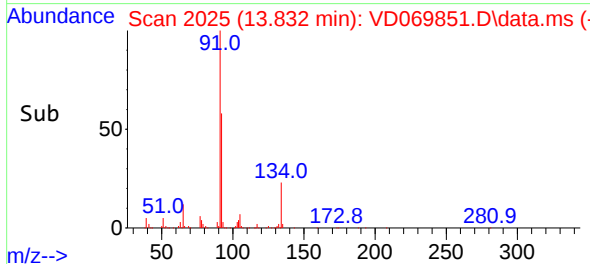
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



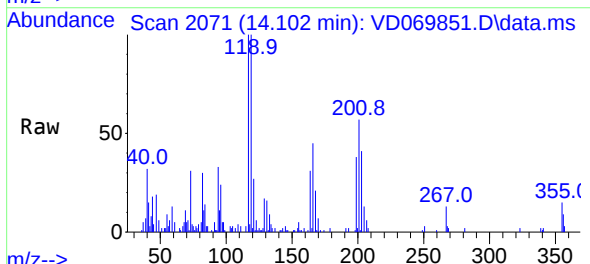
Tgt Ion: 91 Resp: 133405
Ion Ratio Lower Upper
91 100
92 55.3 26.6 79.7
134 24.6 11.9 35.7

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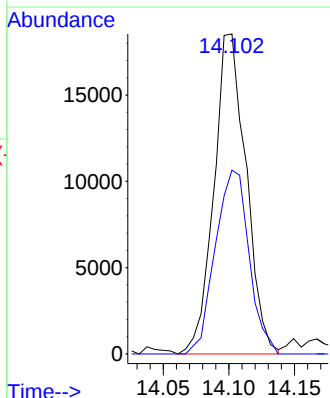
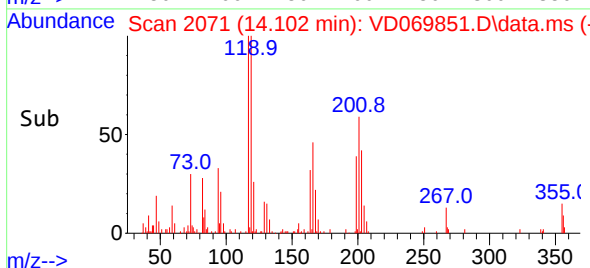
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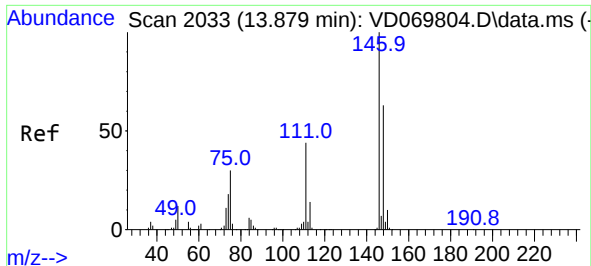


#90
Hexachloroethane
Concen: 4.042 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51



Tgt Ion: 117 Resp: 31604
Ion Ratio Lower Upper
117 100
201 60.2 31.9 95.5





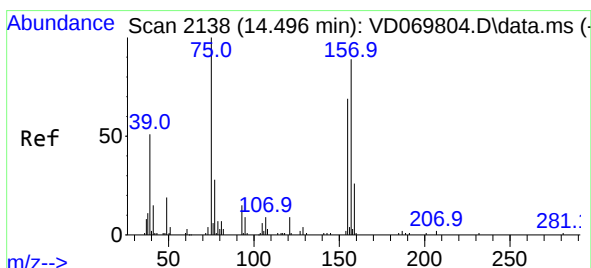
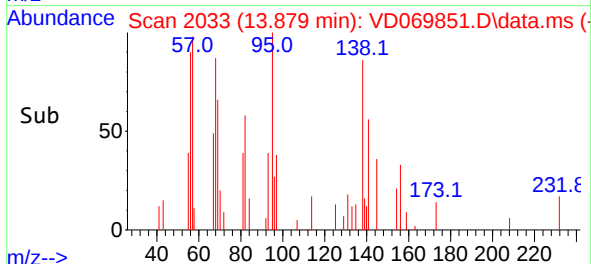
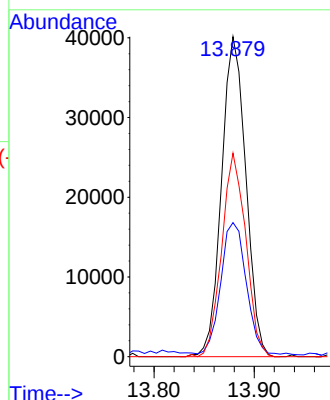
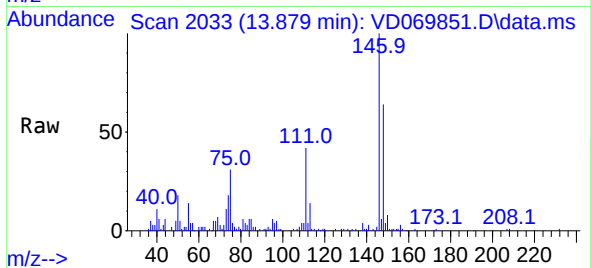
#91
1,2-Dichlorobenzene
Concen: 3.999 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

Tgt Ion:146 Resp: 67441
Ion Ratio Lower Upper
146 100
111 43.7 21.7 65.1
148 63.0 31.2 93.6

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

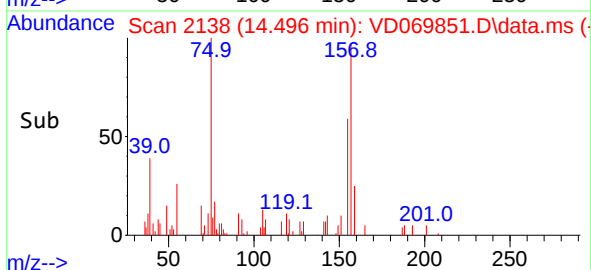
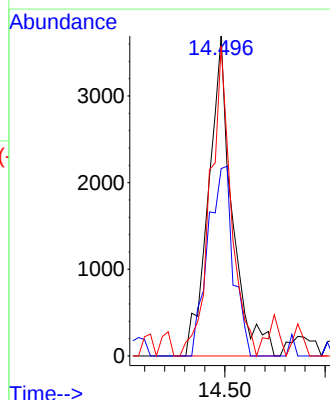
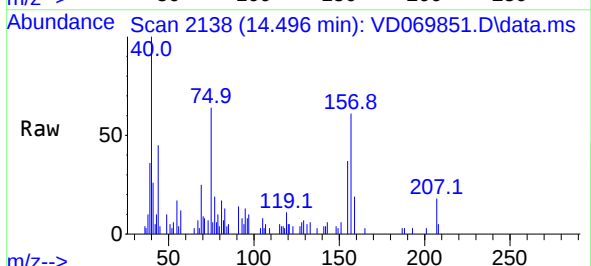
Manual Integrations
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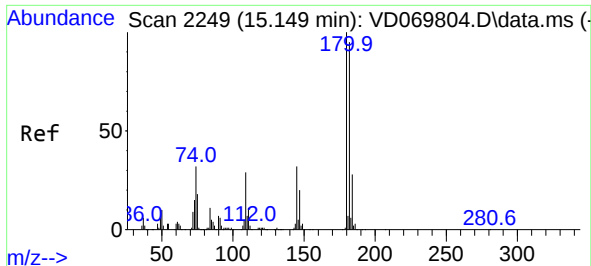
MMDadoda
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#92
1,2-Dibromo-3-Chloropropane
Concen: 5.053 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

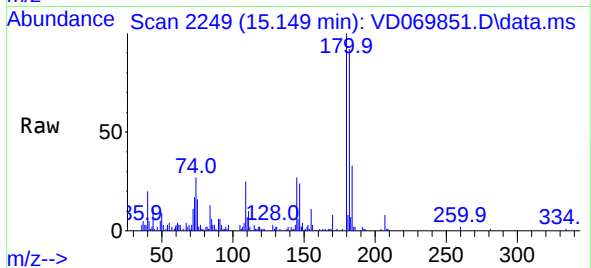
Tgt Ion: 75 Resp: 6004
Ion Ratio Lower Upper
75 100
155 64.2 36.3 108.9
157 86.6 47.0 141.0





#93
1,2,4-Trichlorobenzene
Concen: 4.529 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

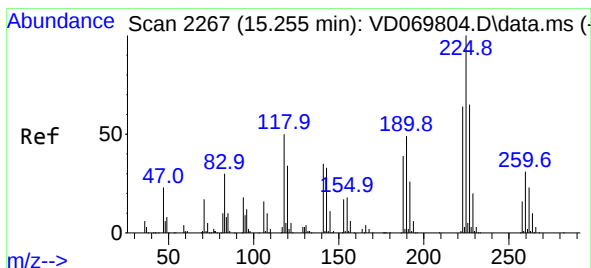
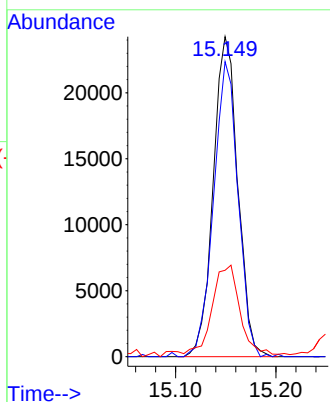
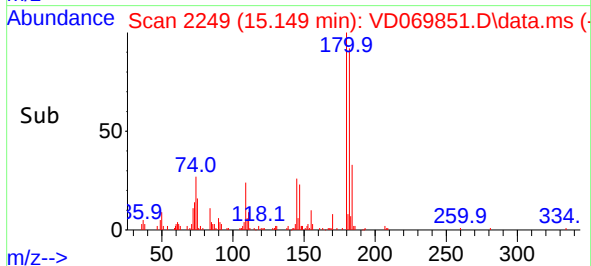
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



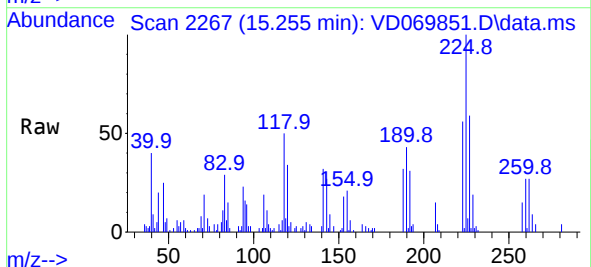
Tgt Ion:180 Resp: 41209
Ion Ratio Lower Upper
180 100
182 91.5 47.6 142.9
145 33.0 16.4 49.2

Manual Integrations
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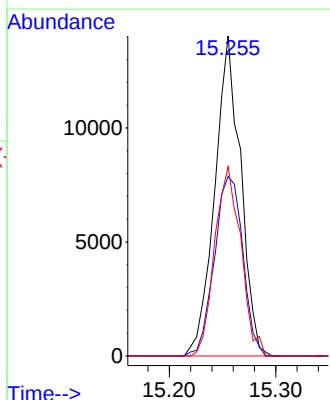
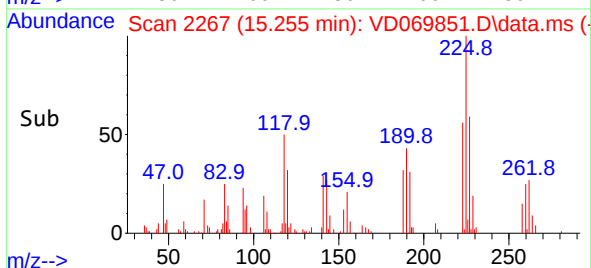
MMDadoda
7/27/2021 12:14:27 PM

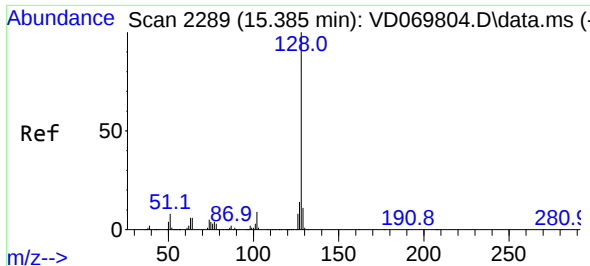


#94
Hexachlorobutadiene
Concen: 4.252 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51



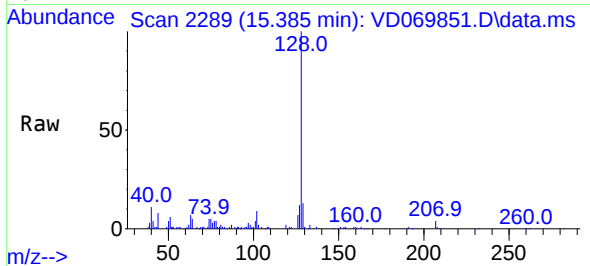
Tgt Ion:225 Resp: 23667
Ion Ratio Lower Upper
225 100
223 61.5 31.5 94.5
227 59.7 31.9 95.7





#95
Naphthalene
Concen: 4.238 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51

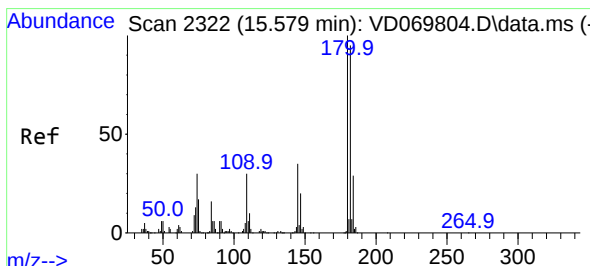
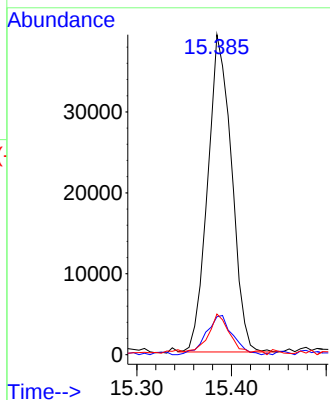
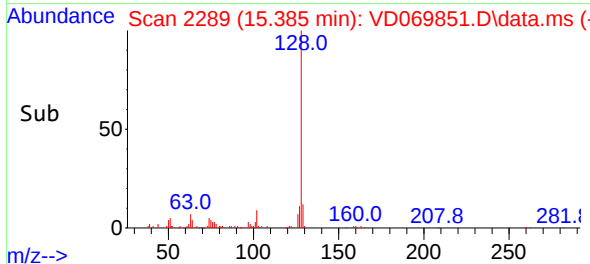
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



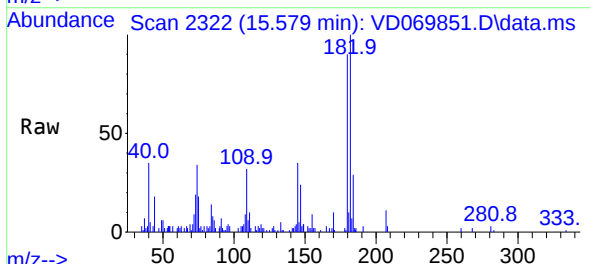
Tgt Ion:128 Resp: 68841
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 12.3 8.6 12.8

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#96
1,2,3-Trichlorobenzene
Concen: 4.234 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD069851.D
Acq: 26 Jul 2021 16:51



Tgt Ion:180 Resp: 33317
Ion Ratio Lower Upper
180 100
182 94.8 47.3 142.0
145 38.9 17.3 51.9

