

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051221\
 Data File : VD069142.D
 Acq On : 12 May 2021 17:59
 Operator : VA/SY
 Sample : M2262-01 2.5PPBLOD
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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Quant Time: May 13 04:37:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:37:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	278057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	490047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	463751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	207610	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	158375	56.82	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.64%			
35) Dibromofluoromethane	7.920	113	163246	51.19	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.38%			
50) Toluene-d8	10.337	98	606372	51.75	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.50%			
62) 4-Bromofluorobenzene	12.631	95	184237	48.86	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.72%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	9090	3.07	ug/l	97
3) Chloromethane	2.208	50	11408	3.36	ug/l #	85
4) Vinyl Chloride	2.350	62	12092	2.70	ug/l	96
5) Bromomethane	2.773	94	9928	2.95	ug/l	92
6) Chloroethane	2.920	64	6662	2.31	ug/l #	63
7) Trichlorofluoromethane	3.273	101	20831	3.81	ug/l	88
8) Diethyl Ether	3.708	74	5149	4.13	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.102	101	10794	3.49	ug/l	97
10) Methyl Iodide	4.302	142	7430	2.52	ug/l #	43
11) Tert butyl alcohol	5.173	59	9769m	51.28	ug/l	
12) 1,1-Dichloroethene	4.067	96	10572	3.80	ug/l	91
13) Acrolein	3.932	56	3787	16.70	ug/l	87
14) Allyl chloride	4.720	41	8637	2.83	ug/l	96
15) Acrylonitrile	5.414	53	6527	14.02	ug/l #	47
16) Acetone	4.167	43	9660	22.63	ug/l #	82
17) Carbon Disulfide	4.420	76	27521	2.98	ug/l	97
18) Methyl Acetate	4.726	43	3212	3.10	ug/l #	67
19) Methyl tert-butyl Ether	5.473	73	13695	2.71	ug/l	99
20) Methylene Chloride	4.973	84	45849	10.14	ug/l	96
21) trans-1,2-Dichloroethene	5.479	96	9579	2.90	ug/l	97
22) Diisopropyl ether	6.361	45	15425	2.53	ug/l #	86
23) Vinyl Acetate	6.302	43	40108m	11.15	ug/l	
24) 1,1-Dichloroethane	6.267	63	15614	2.97	ug/l #	94
25) 2-Butanone	7.208	43	8963	15.49	ug/l	99
26) 2,2-Dichloropropane	7.214	77	15729	3.19	ug/l	91
27) cis-1,2-Dichloroethene	7.214	96	10182	2.84	ug/l	98
28) Bromochloromethane	7.549	49	6030	3.21	ug/l #	97
29) Tetrahydrofuran	7.567	42	3902	12.41	ug/l	92
30) Chloroform	7.720	83	17332	2.92	ug/l	88
31) Cyclohexane	7.985	56	15163	3.67	ug/l #	65
32) 1,1,1-Trichloroethane	7.902	97	16639	3.09	ug/l	93
36) 1,1-Dichloropropene	8.114	75	13368	2.81	ug/l	96
37) Ethyl Acetate	7.291	43	5534	3.62	ug/l #	85
38) Carbon Tetrachloride	8.096	117	13749	2.58	ug/l #	80
39) Methylcyclohexane	9.355	83	12492	2.49	ug/l #	86
40) Benzene	8.355	78	37935	2.78	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:37:04 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	1835	2.25	ug/l #	85
42) 1,2-Dichloroethane	8.432	62	10967	2.94	ug/l #	72
43) Isopropyl Acetate	8.455	43	7607	2.74	ug/l #	75
44) Trichloroethene	9.114	130	10973	2.88	ug/l	74
45) 1,2-Dichloropropane	9.390	63	8872	2.75	ug/l	93
46) Dibromomethane	9.485	93	5052	2.62	ug/l	94
47) Bromodichloromethane	9.667	83	12918	2.64	ug/l	93
48) Methyl methacrylate	9.455	41	3215	2.50	ug/l #	93
49) 1,4-Dioxane	9.467	88	996	55.00	ug/l #	46
51) 4-Methyl-2-Pentanone	10.226	43	18136	12.68	ug/l	98
52) Toluene	10.402	92	25388	2.88	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	10361	2.41	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	13312	2.59	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	7589	2.92	ug/l #	80
56) Ethyl methacrylate	10.661	69	5351	2.06	ug/l #	84
57) 1,3-Dichloropropane	10.949	76	11030	2.63	ug/l	89
58) 2-Chloroethyl Vinyl ether	9.943	63	14696	11.44	ug/l	99
59) 2-Hexanone	10.984	43	10789	11.31	ug/l	100
60) Dibromochloromethane	11.137	129	8684	2.61	ug/l	98
61) 1,2-Dibromoethane	11.243	107	7449	2.90	ug/l	90
64) Tetrachloroethene	10.879	164	9561	2.97	ug/l	88
65) Chlorobenzene	11.667	112	26451	2.75	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.743	131	8683	2.40	ug/l	95
67) Ethyl Benzene	11.743	91	39659	2.40	ug/l	98
68) m/p-Xylenes	11.849	106	29613	4.57	ug/l	98
69) o-Xylene	12.179	106	13003	2.26	ug/l	95
70) Styrene	12.196	104	20355	2.02	ug/l	97
71) Bromoform	12.355	173	4481	2.38	ug/l #	99
73) Isopropylbenzene	12.479	105	32694	2.25	ug/l	99
74) N-amyl acetate	12.284	43	5440	2.29	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.731	83	8012	3.05	ug/l	98
76) 1,2,3-Trichloropropane	12.778	75	4572m	2.93	ug/l	
77) Bromobenzene	12.761	156	9109	2.65	ug/l	80
78) n-propylbenzene	12.814	91	45893	2.62	ug/l	100
79) 2-Chlorotoluene	12.902	91	26046	2.67	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	29102	2.43	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	1963m	2.54	ug/l	
82) 4-Chlorotoluene	13.002	91	26498	2.55	ug/l	98
83) tert-Butylbenzene	13.220	119	23747	2.38	ug/l	95
84) 1,2,4-Trimethylbenzene	13.267	105	27198	2.26	ug/l	99
85) sec-Butylbenzene	13.396	105	35234	2.35	ug/l	99
86) p-Isopropyltoluene	13.514	119	29223	2.22	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	19522	2.80	ug/l	96
88) 1,4-Dichlorobenzene	13.590	146	20622	2.99	ug/l	89
89) n-Butylbenzene	13.837	91	31804	2.59	ug/l	92
90) Hexachloroethane	14.108	117	6974	2.83	ug/l	100
91) 1,2-Dichlorobenzene	13.884	146	16557	2.77	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.502	75	1416	3.47	ug/l	79
93) 1,2,4-Trichlorobenzene	15.155	180	10514	2.87	ug/l	94
94) Hexachlorobutadiene	15.261	225	6455	2.93	ug/l	96
95) Naphthalene	15.390	128	15580	2.54	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.590	180	8590	2.74	ug/l	98

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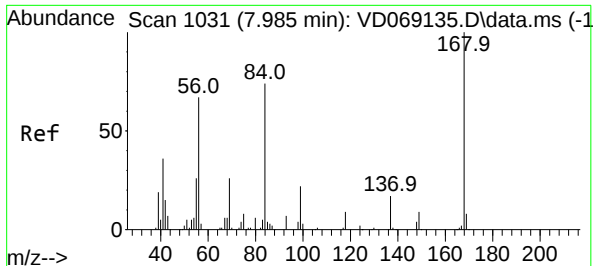
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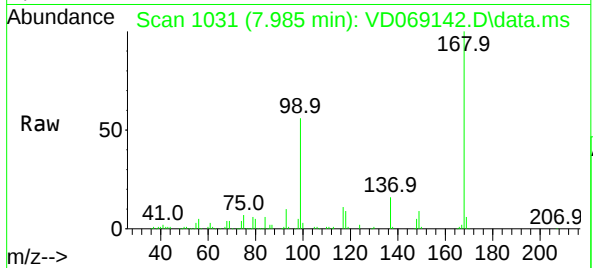
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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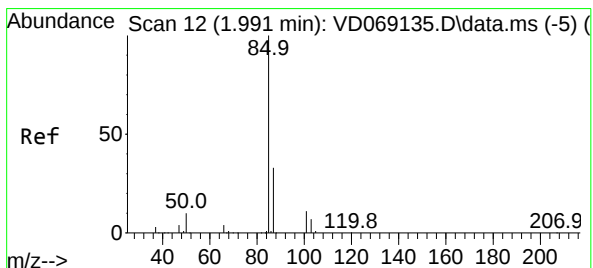
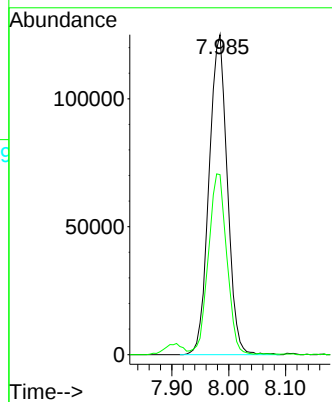
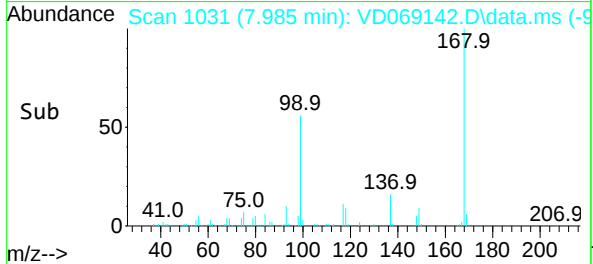
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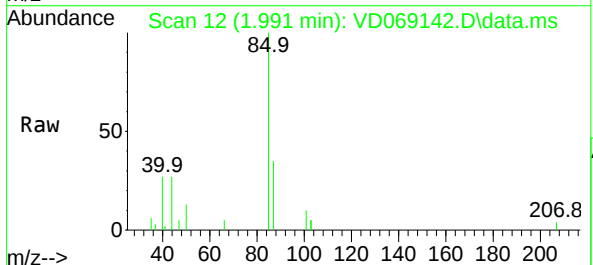
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069142.D
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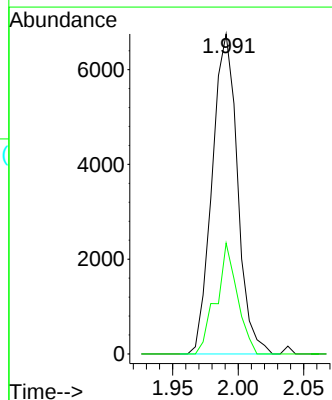
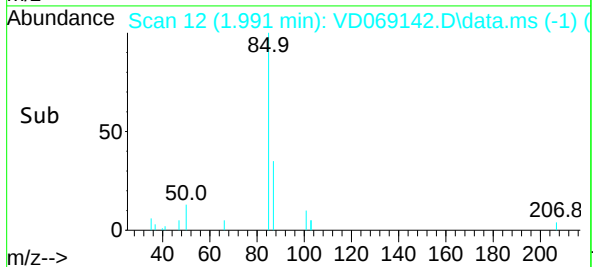
Tgt Ion: 168 Resp: 278057
Ion Ratio Lower Upper
168 100
99 56.1 47.2 70.8



#2
Dichlorodifluoromethane
Concen: 3.07 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



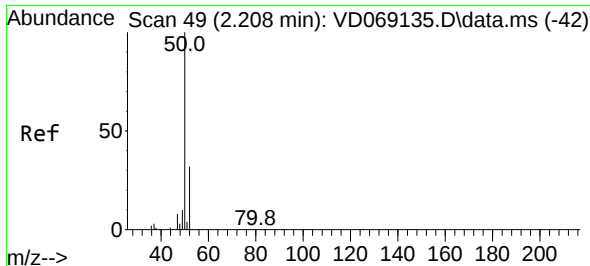
Tgt Ion: 85 Resp: 9090
Ion Ratio Lower Upper
85 100
87 34.6 16.5 49.5



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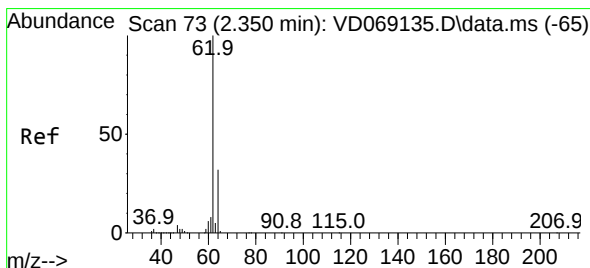
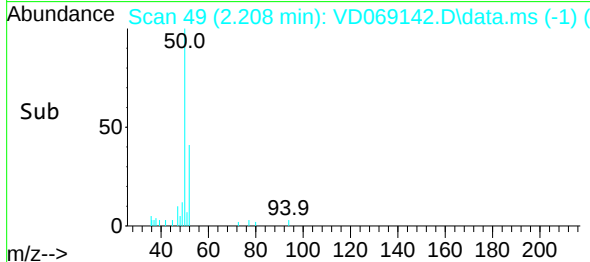
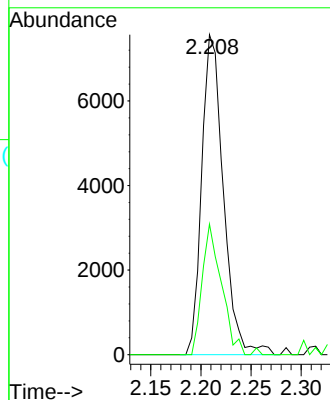
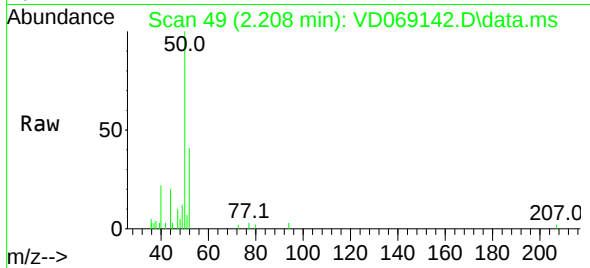
#3
Chloromethane
Concen: 3.36 ug/l
RT: 2.208 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion: 50 Resp: 11408
Ion Ratio Lower Upper
50 100
52 40.8 25.8 38.8#

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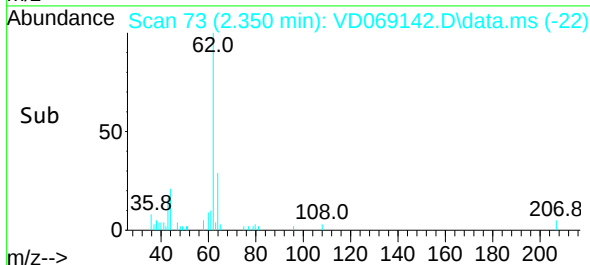
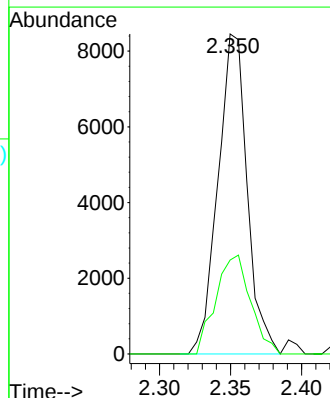
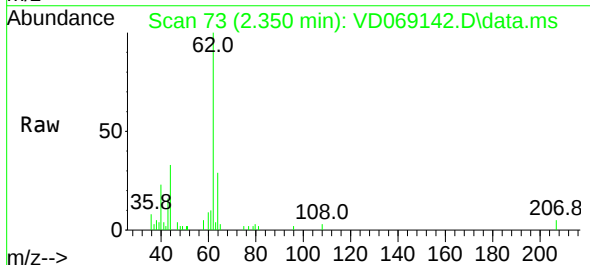
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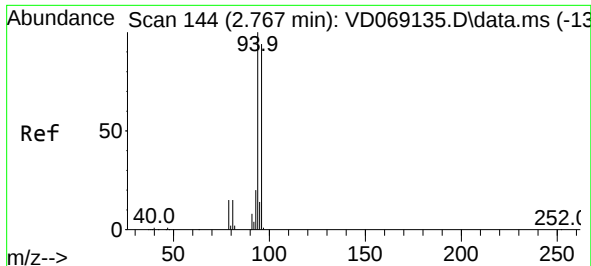
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#4
Vinyl Chloride
Concen: 2.70 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

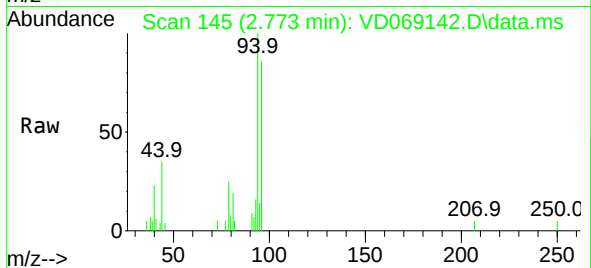
Tgt Ion: 62 Resp: 12092
Ion Ratio Lower Upper
62 100
64 29.4 25.3 37.9





#5
Bromomethane
Concen: 2.95 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

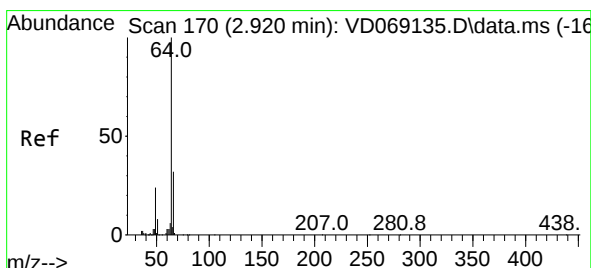
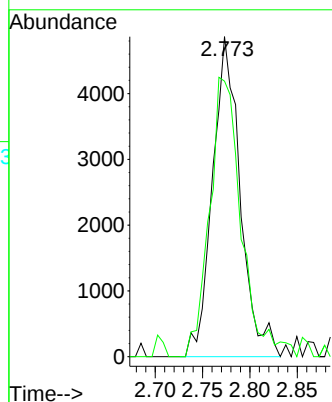
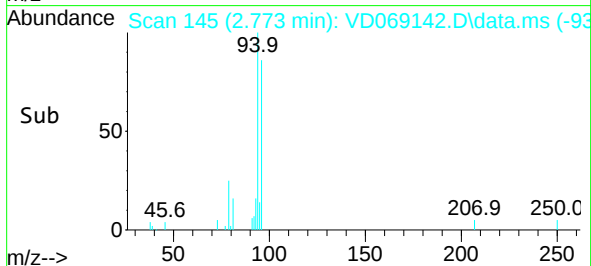
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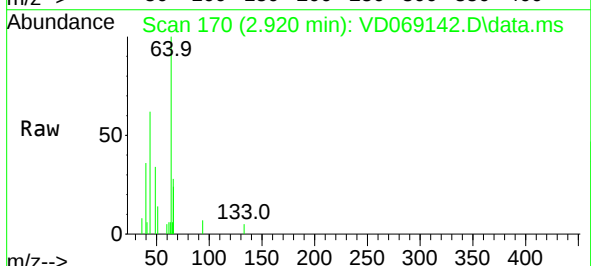
Tgt Ion: 94 Resp: 9928
Ion Ratio Lower Upper
94 100
96 86.1 75.4 113.0

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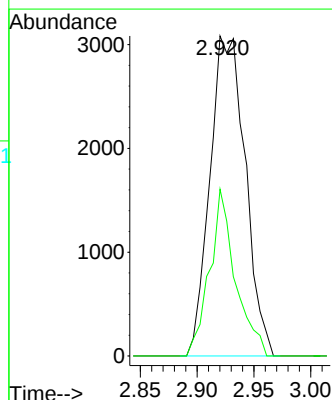
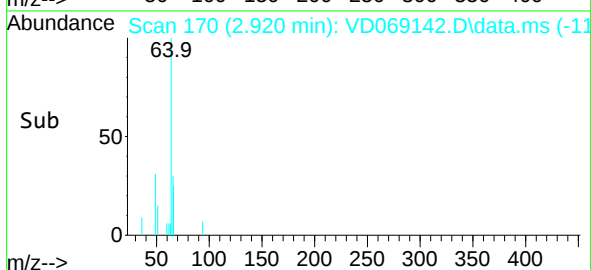
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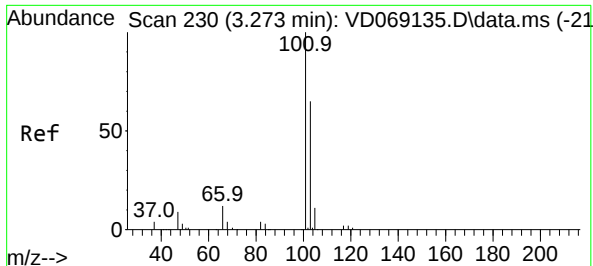


#6
Chloroethane
Concen: 2.31 ug/l
RT: 2.920 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



Tgt Ion: 64 Resp: 6662
Ion Ratio Lower Upper
64 100
66 52.1 25.2 37.8#





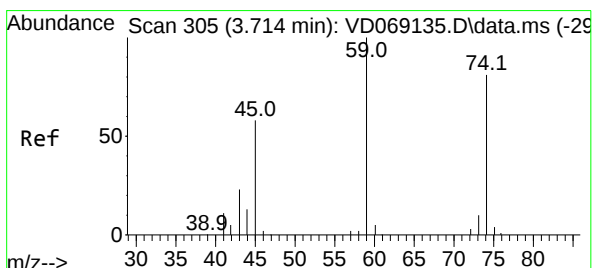
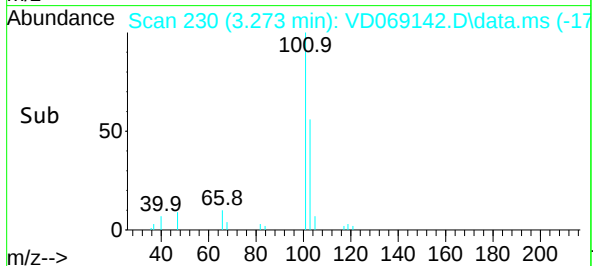
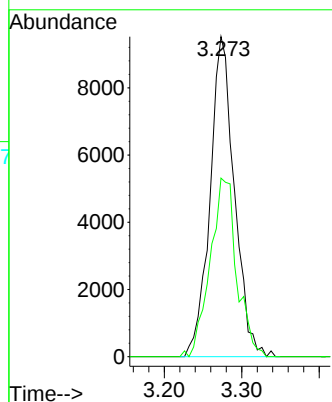
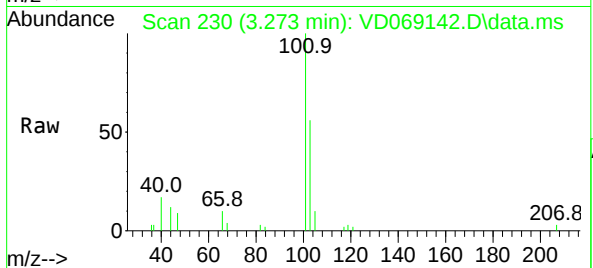
#7
Trichlorofluoromethane
Concen: 3.81 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion: 101 Resp: 20831
Ion Ratio Lower Upper
101 100
103 55.8 51.9 77.9

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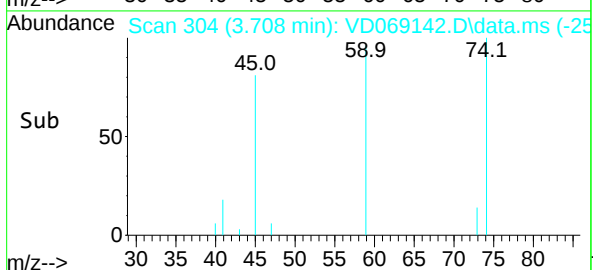
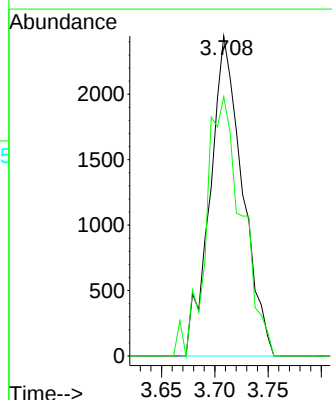
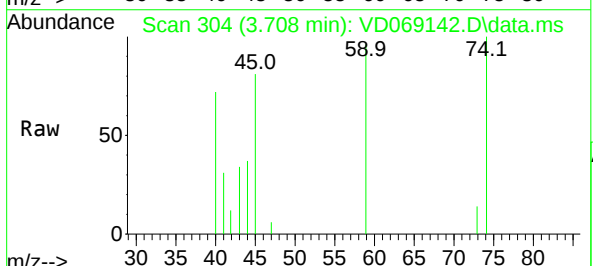
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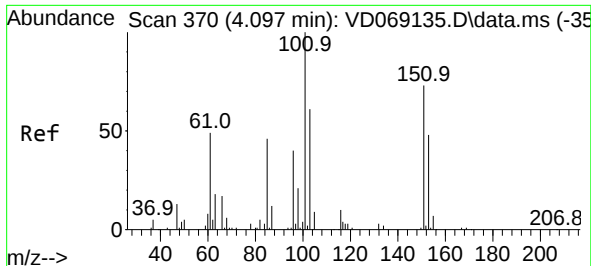
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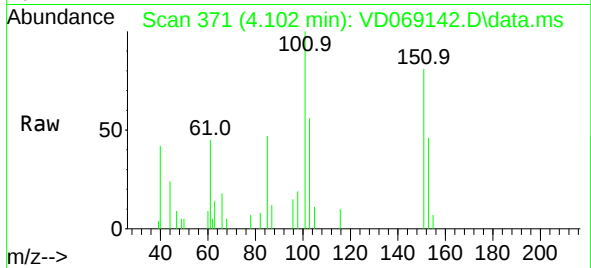
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Diethyl Ether
Concen: 4.13 ug/l
RT: 3.708 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD069142.D
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Tgt Ion: 74 Resp: 5149
Ion Ratio Lower Upper
74 100
45 90.5 38.1 114.5

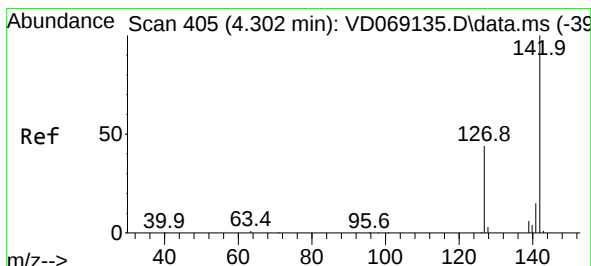
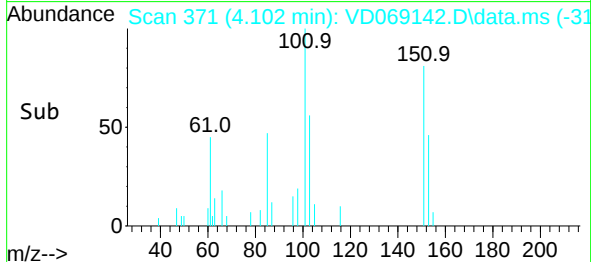
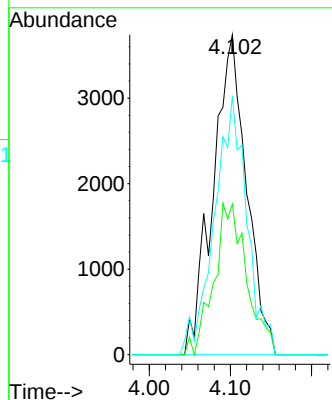




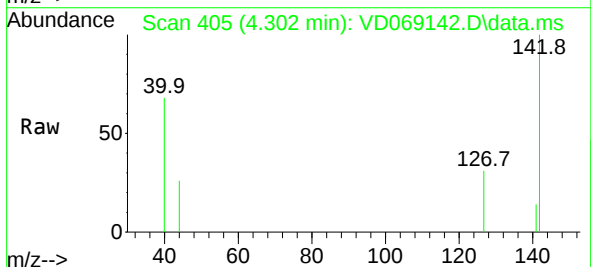
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.49 ug/l
RT: 4.102 min Scan# 371
Delta R.T. 0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



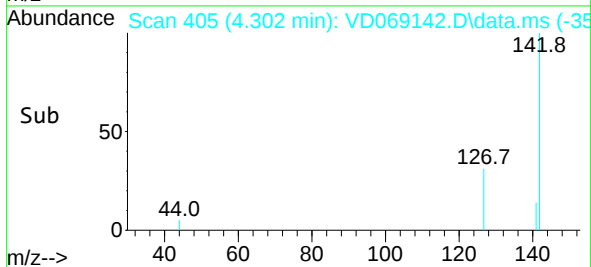
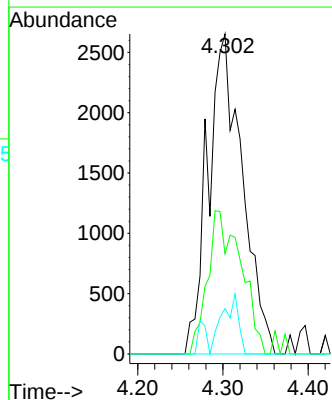
Tgt Ion	Ratio	Lower	Upper
101	100		
85	46.1	35.2	52.8
151	78.0	60.6	91.0



#10
Methyl Iodide
Concen: 2.52 ug/l
RT: 4.302 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



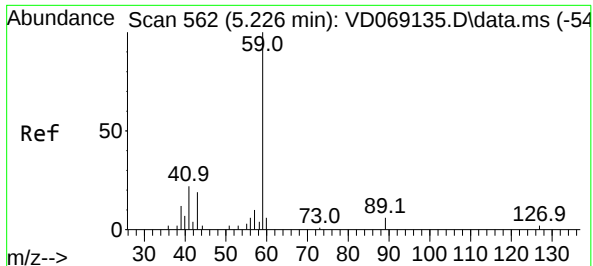
Tgt Ion	Ratio	Lower	Upper
142	100		
127	0.0	37.3	55.9#
141	8.9	12.2	18.4#



Instrument :
MSVOA_D
ClientSampleId :
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#11

Tert butyl alcohol

Concen: 51.28 ug/l m

RT: 5.173 min Scan# 553

Delta R.T. -0.053 min

Lab File: VD069142.D

Acq: 12 May 2021 17:59

Tgt Ion: 59 Resp: 9769

Ion Ratio Lower Upper

59 100

57 0.8 7.8 11.8#

Instrument :

MSVOA_D

ClientSampleId :

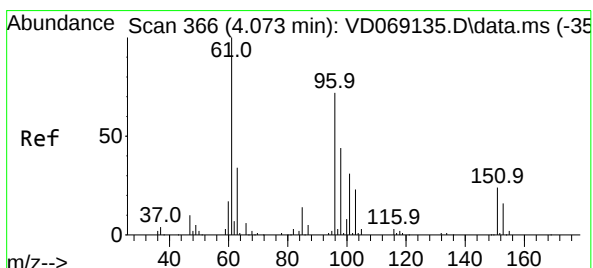
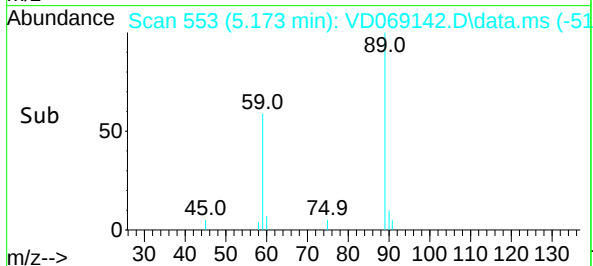
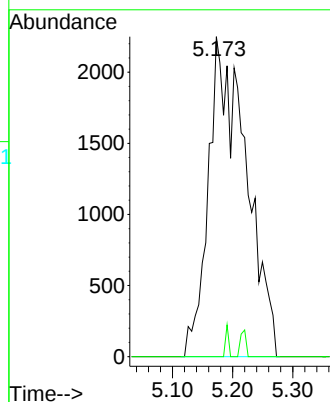
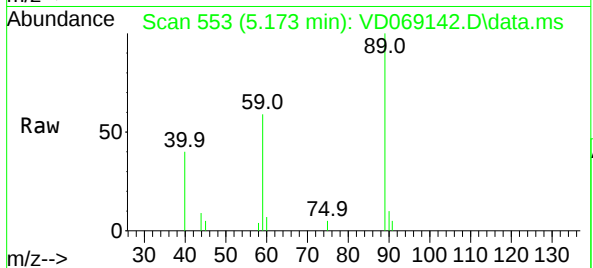
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#12

1,1-Dichloroethene

Concen: 3.80 ug/l

RT: 4.067 min Scan# 365

Delta R.T. -0.006 min

Lab File: VD069142.D

Acq: 12 May 2021 17:59

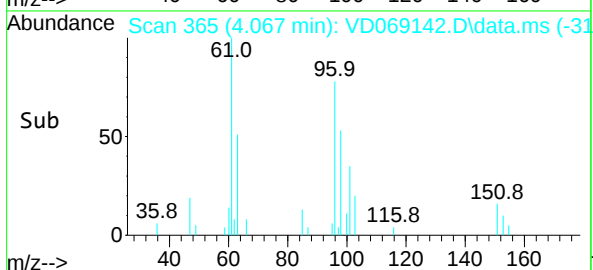
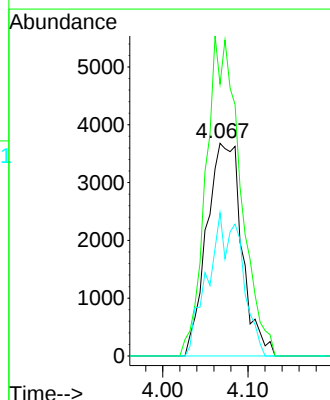
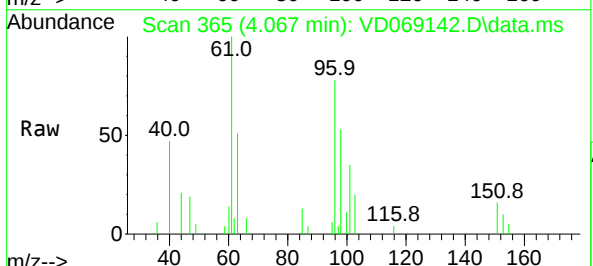
Tgt Ion: 96 Resp: 10572

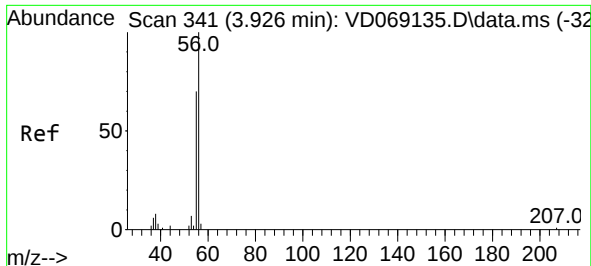
Ion Ratio Lower Upper

96 100

61 127.8 111.1 166.7

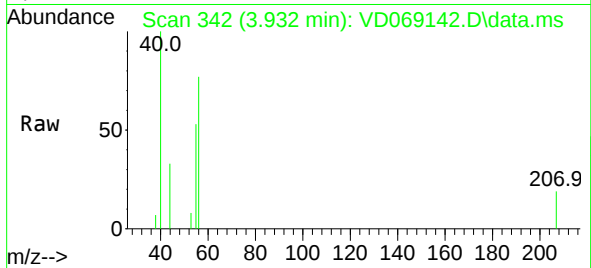
98 67.3 48.4 72.6





#13
Acrolein
Concen: 16.70 ug/l
RT: 3.932 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

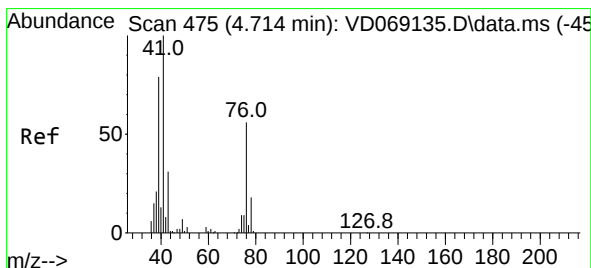
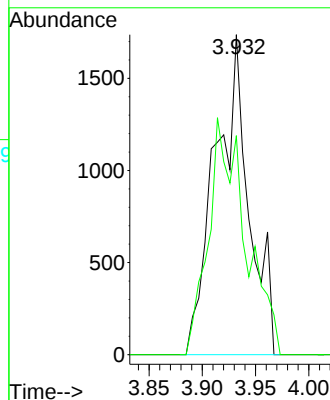
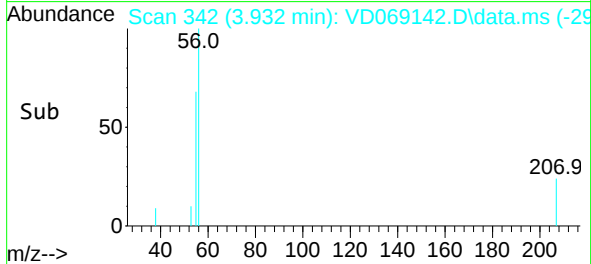
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



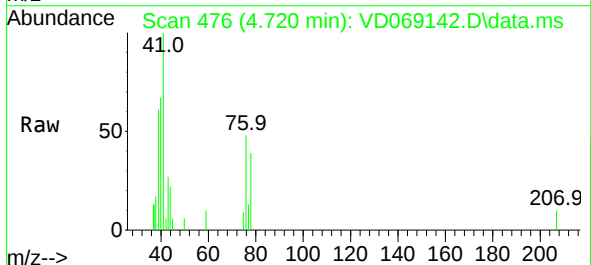
Tgt Ion: 56 Resp: 3787
Ion Ratio Lower Upper
56 100
55 81.6 56.9 85.3

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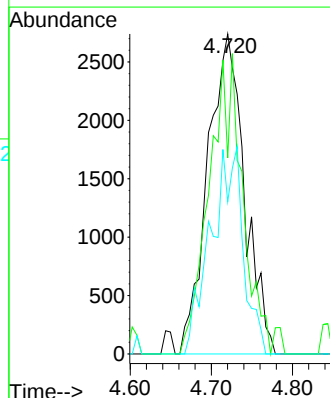
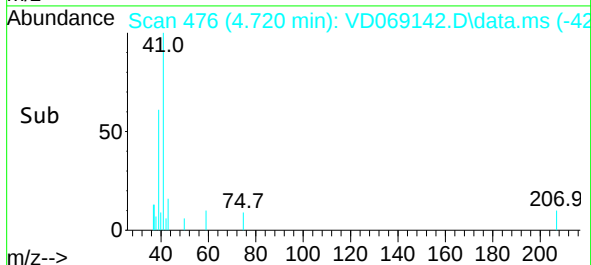
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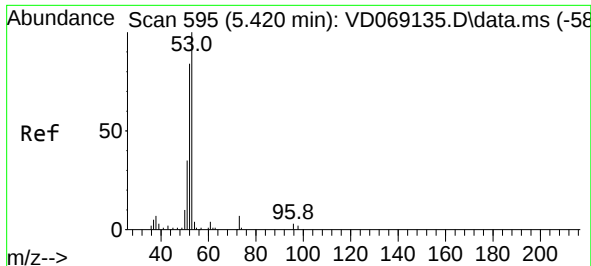


#14
Allyl chloride
Concen: 2.83 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

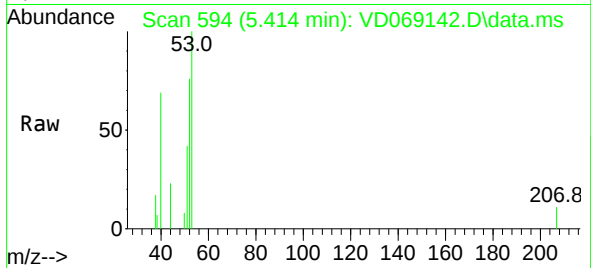


Tgt Ion: 41 Resp: 8637
Ion Ratio Lower Upper
41 100
39 83.8 64.3 96.5
76 56.8 43.6 65.4

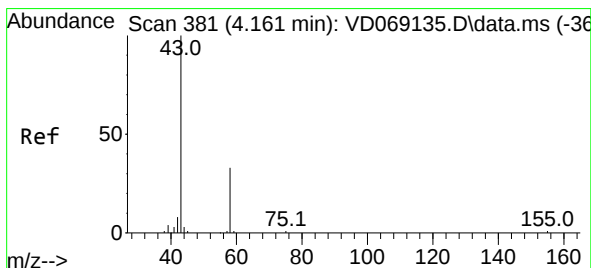
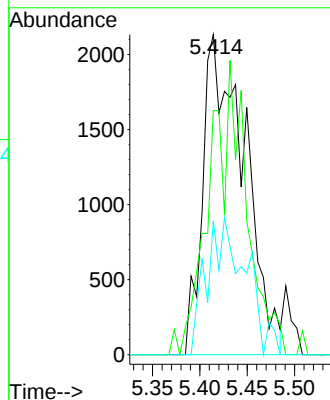
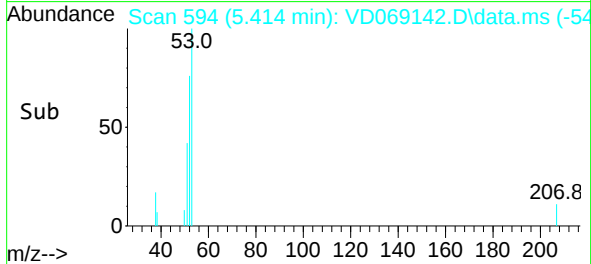




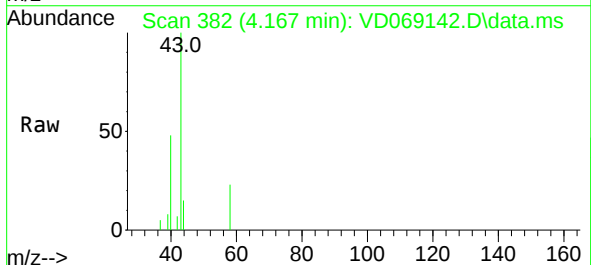
#15
Acrylonitrile
Concen: 14.02 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



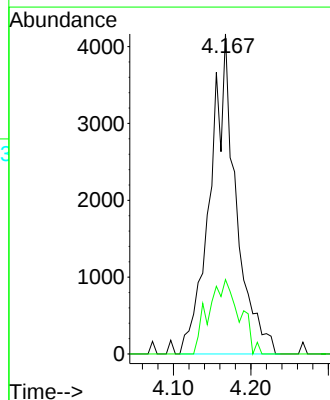
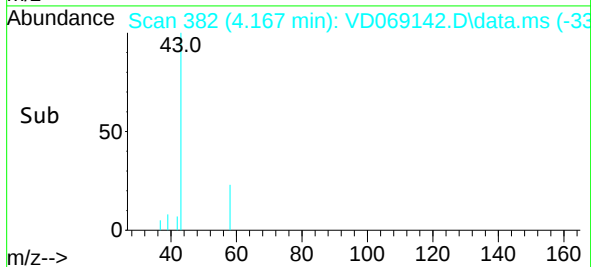
Tgt Ion: 53 Resp: 6527
Ion Ratio Lower Upper
53 100
52 38.0 64.5 96.7#
51 0.0 30.4 45.6#



#16
Acetone
Concen: 22.63 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



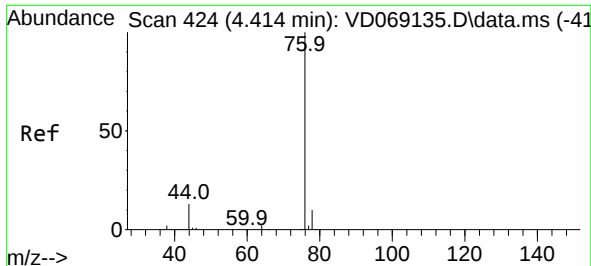
Tgt Ion: 43 Resp: 9660
Ion Ratio Lower Upper
43 100
58 23.2 26.7 40.1#



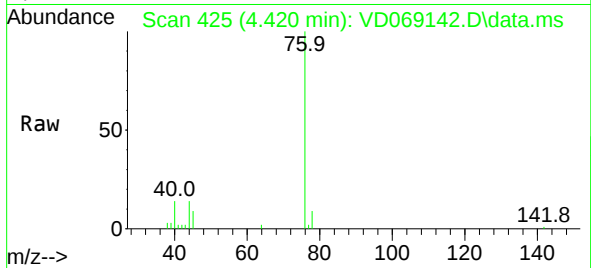
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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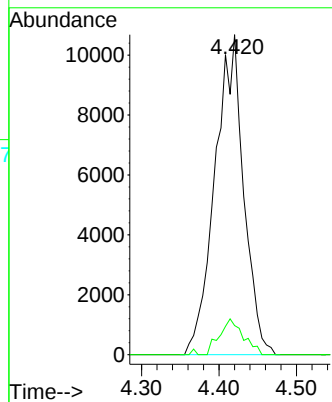
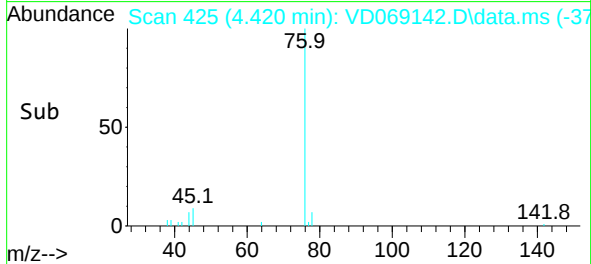
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#17
Carbon Disulfide
Concen: 2.98 ug/l
RT: 4.420 min Scan# 425
Delta R.T. 0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



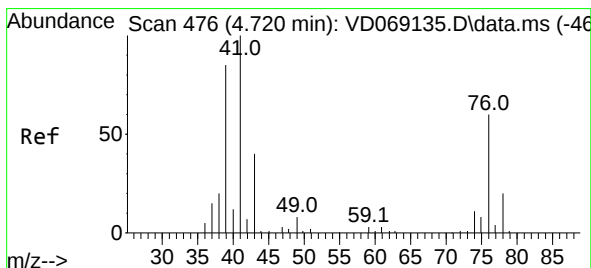
Tgt Ion: 76 Resp: 27521
Ion Ratio Lower Upper
76 100
78 9.1 8.1 12.1



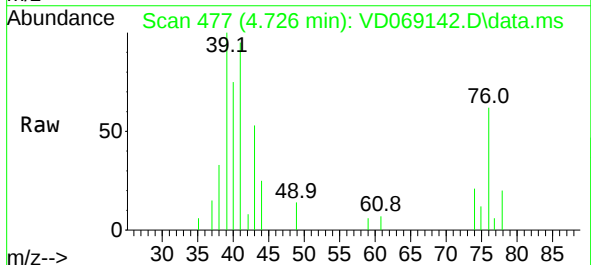
Instrument :
MSVOA_D
ClientSampleId :
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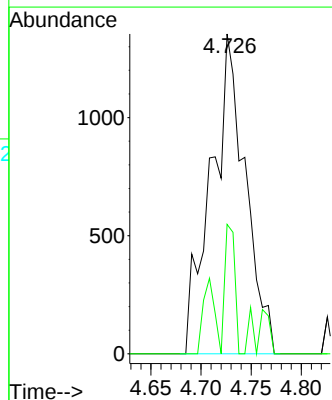
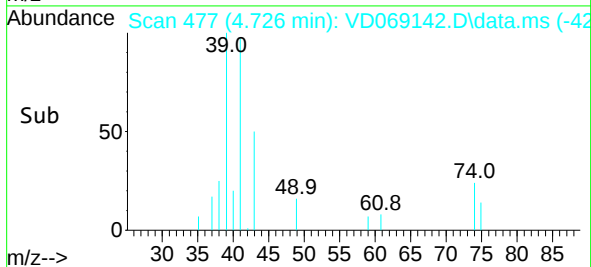
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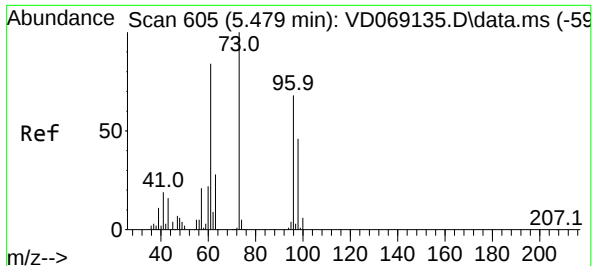


#18
Methyl Acetate
Concen: 3.10 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



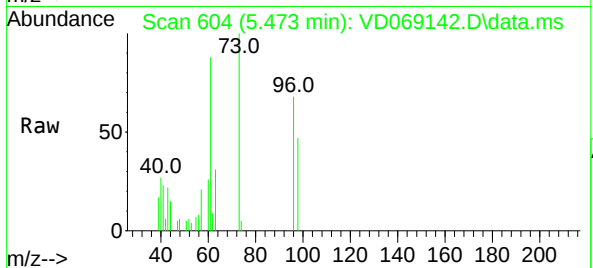
Tgt Ion: 43 Resp: 3212
Ion Ratio Lower Upper
43 100
74 11.7 23.8 35.6#





#19
Methyl tert-butyl Ether
Concen: 2.71 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

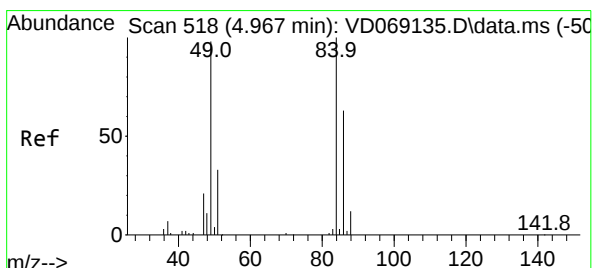
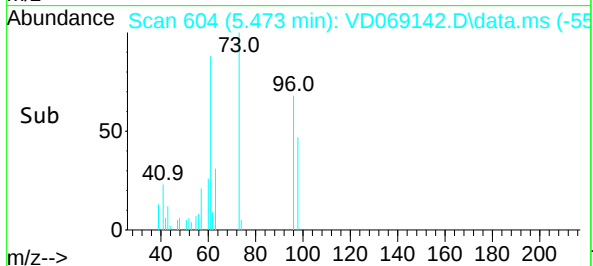
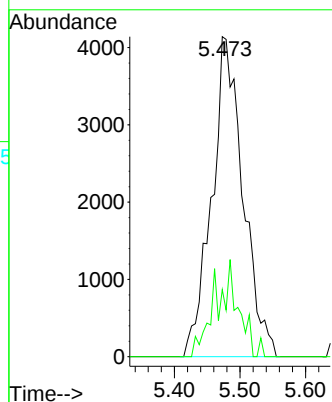
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion: 73 Resp: 13695
Ion Ratio Lower Upper
73 100
57 20.9 17.1 25.7

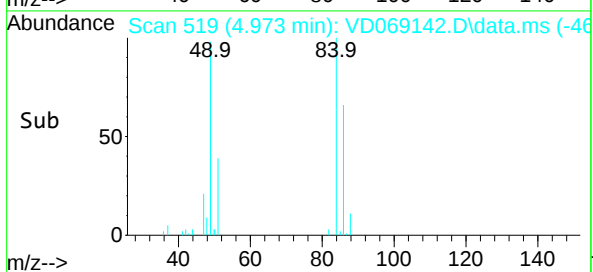
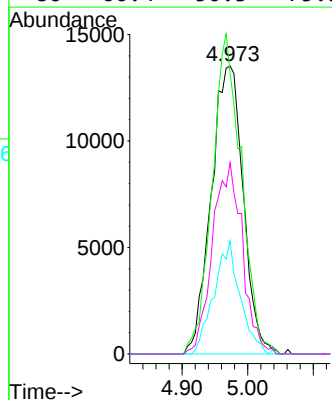
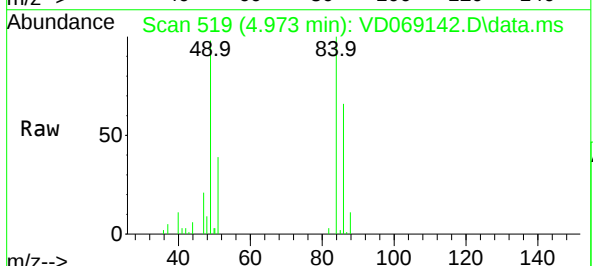
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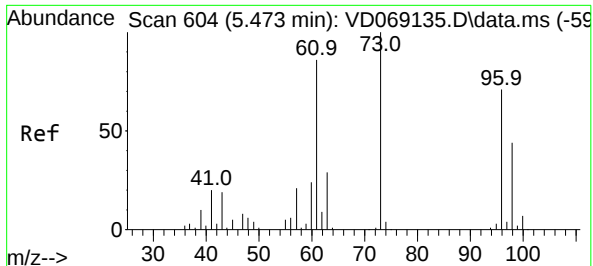
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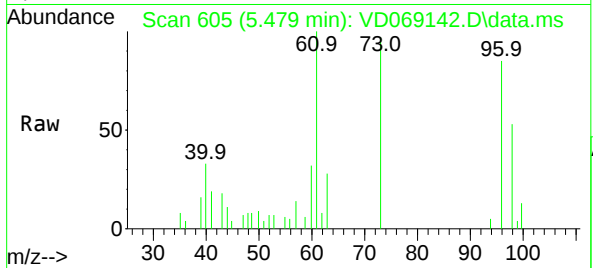
#20
Methylene Chloride
Concen: 10.14 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion: 84 Resp: 45849
Ion Ratio Lower Upper
84 100
49 97.6 78.6 117.8
51 39.2 26.7 40.1
86 66.4 50.3 75.5

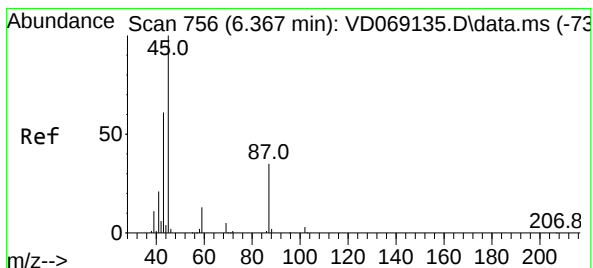
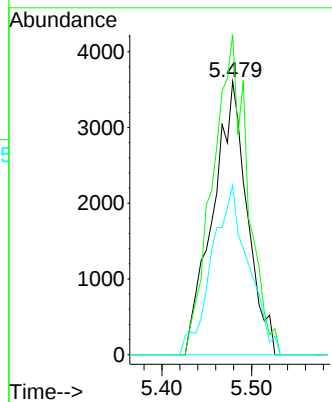
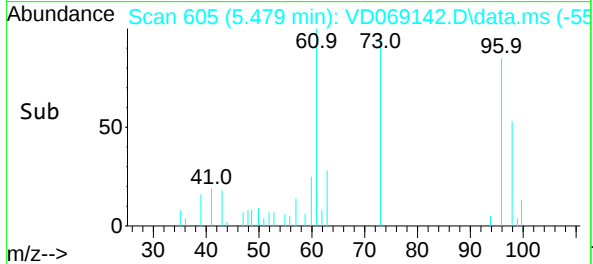




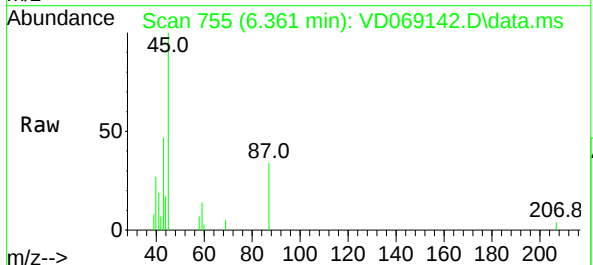
#21
trans-1,2-Dichloroethene
Concen: 2.90 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



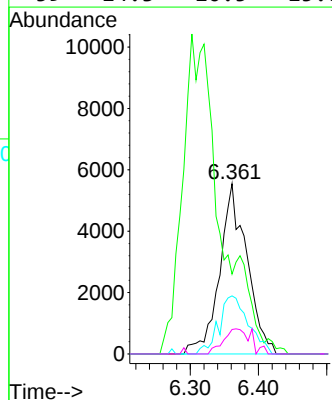
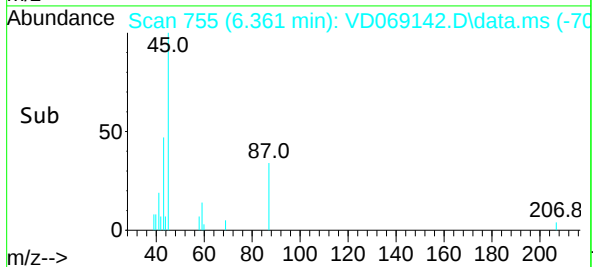
Tgt Ion: 96 Resp: 9579
Ion Ratio Lower Upper
96 100
61 117.2 97.7 146.5
98 62.1 49.4 74.2



#22
Diisopropyl ether
Concen: 2.53 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



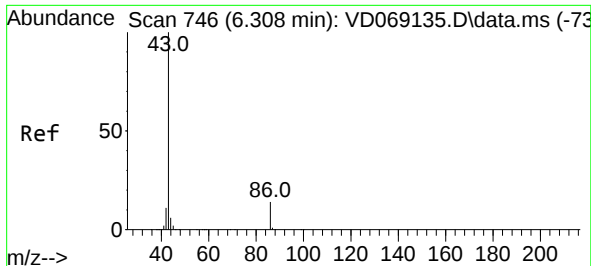
Tgt Ion: 45 Resp: 15425
Ion Ratio Lower Upper
45 100
43 43.4 48.6 73.0#
87 34.1 28.5 42.7
59 14.3 10.5 15.7



Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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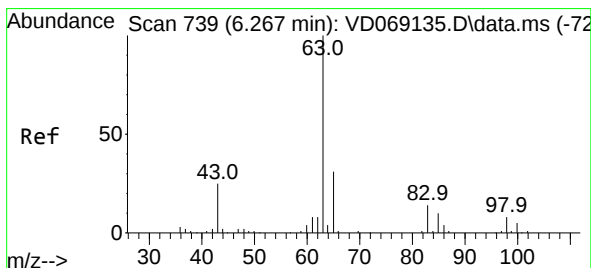
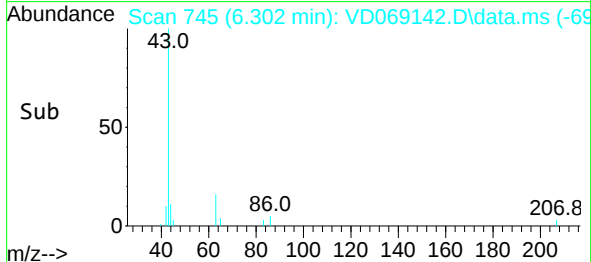
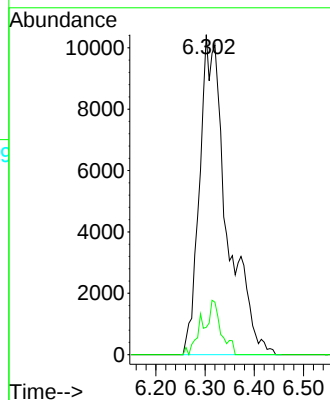
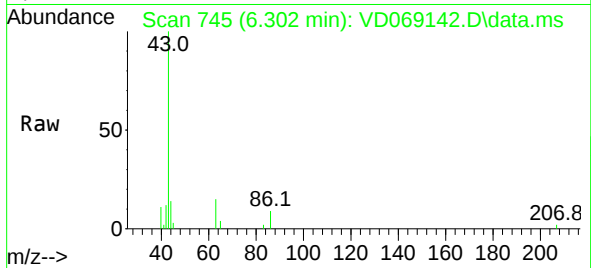
#23
 Vinyl Acetate
 Concen: 11.15 ug/l m
 RT: 6.302 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VD069142.D
 Acq: 12 May 2021 17:59

Tgt Ion: 43 Resp: 40108
 Ion Ratio Lower Upper
 43 100
 86 8.6 11.1 16.7#

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

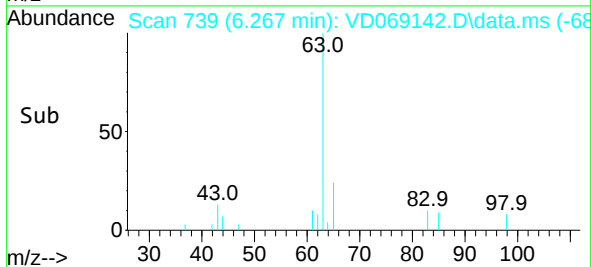
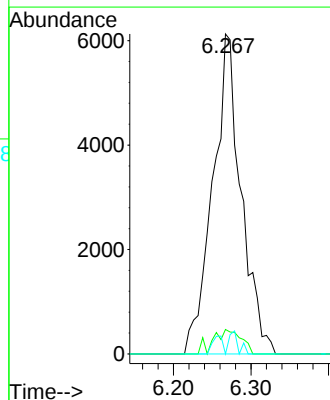
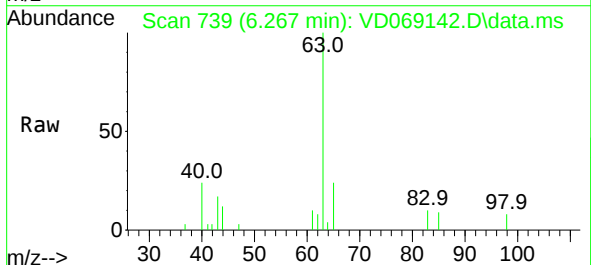
Manual Integrations
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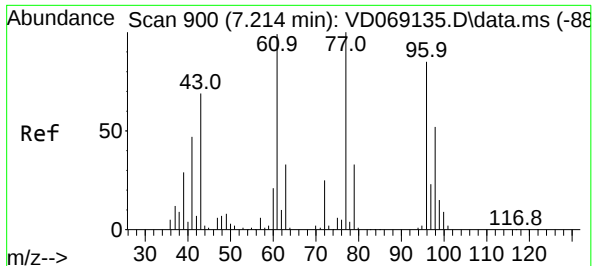
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#24
 1,1-Dichloroethane
 Concen: 2.97 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: VD069142.D
 Acq: 12 May 2021 17:59

Tgt Ion: 63 Resp: 15614
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.5
 100 0.0 2.5 7.6#





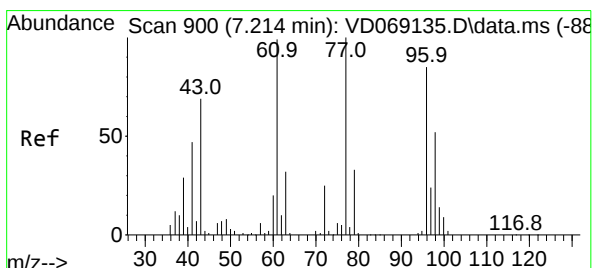
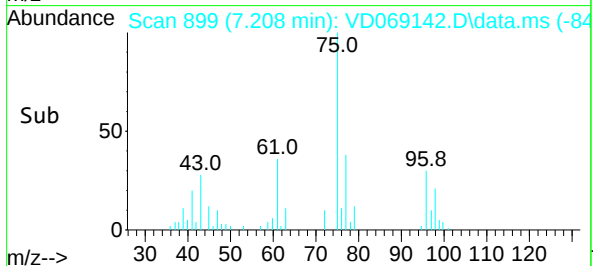
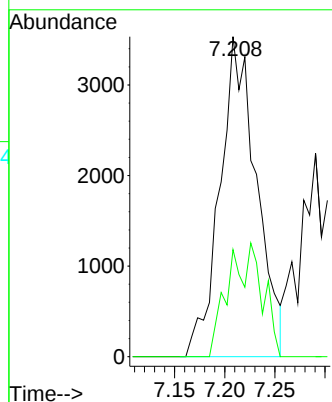
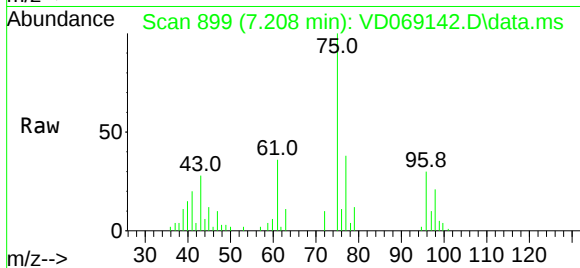
#25
2-Butanone
Concen: 15.49 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion: 43 Resp: 8963
Ion Ratio Lower Upper
43 100
72 35.8 29.1 43.7

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

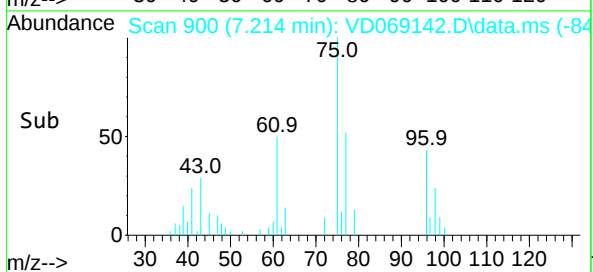
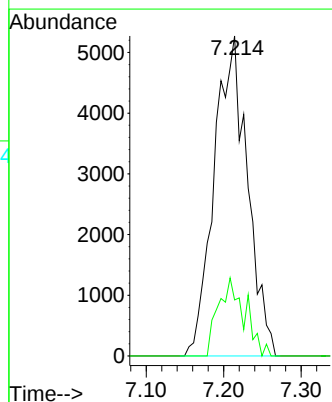
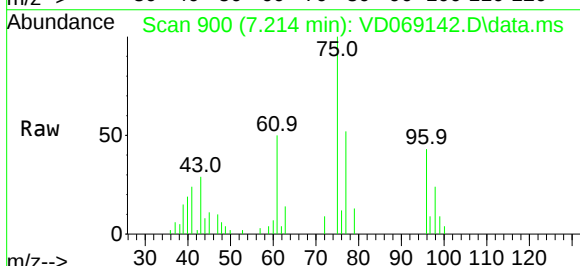
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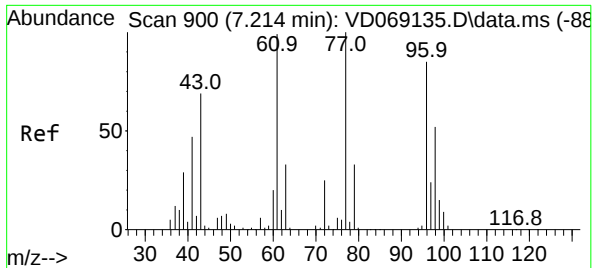
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#26
2,2-Dichloropropane
Concen: 3.19 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion: 77 Resp: 15729
Ion Ratio Lower Upper
77 100
97 19.4 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 2.84 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.000 min

Lab File: VD069142.D

Acq: 12 May 2021 17:59

Tgt Ion:	96	Resp:	10182
Ion Ratio	Lower	Upper	
96	100		
61	134.1	0.0	263.8
98	64.0	0.0	132.2

Instrument :

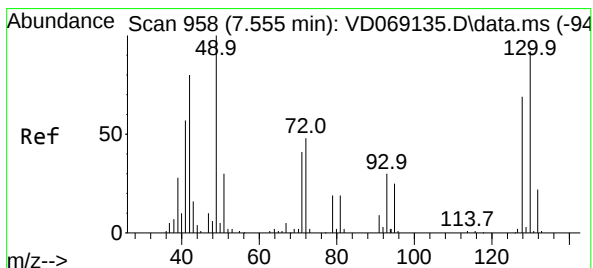
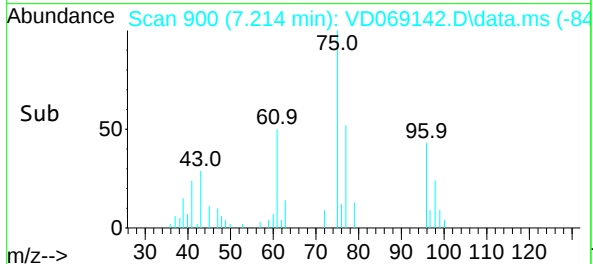
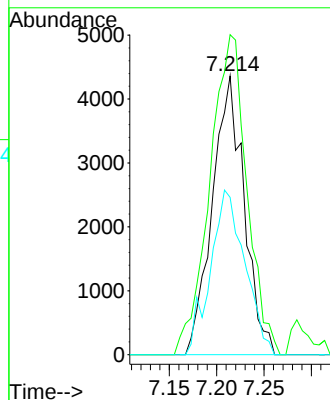
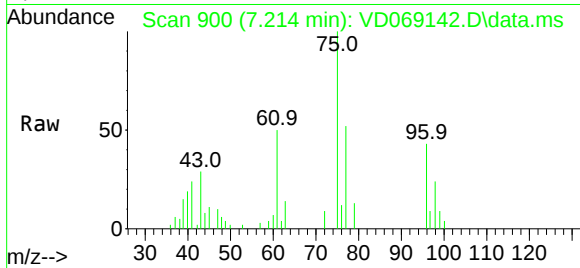
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ClientSampleId :

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#28

Bromochloromethane

Concen: 3.21 ug/l

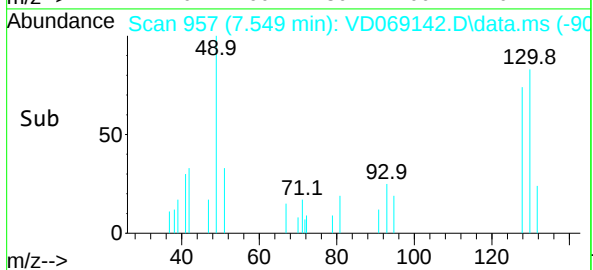
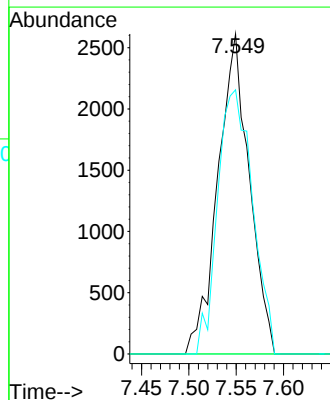
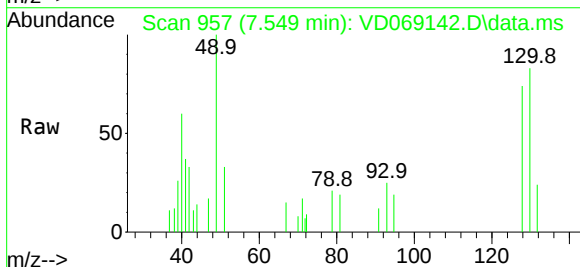
RT: 7.549 min Scan# 957

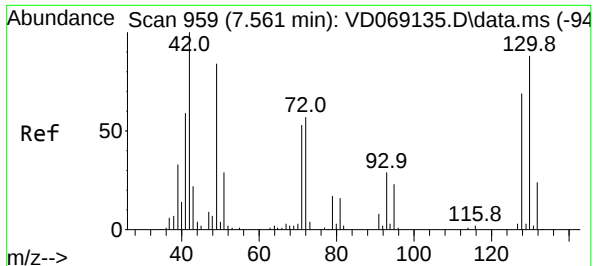
Delta R.T. -0.006 min

Lab File: VD069142.D

Acq: 12 May 2021 17:59

Tgt Ion:	49	Resp:	6030
Ion Ratio	Lower	Upper	
49	100		
129	0.0	0.0	6.4
130	91.7	75.8	113.6





#29

Tetrahydrofuran

Concen: 12.41 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.006 min

Lab File: VD069142.D

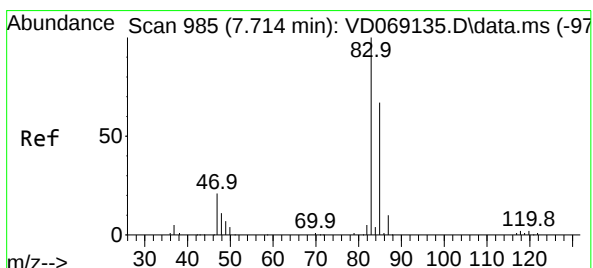
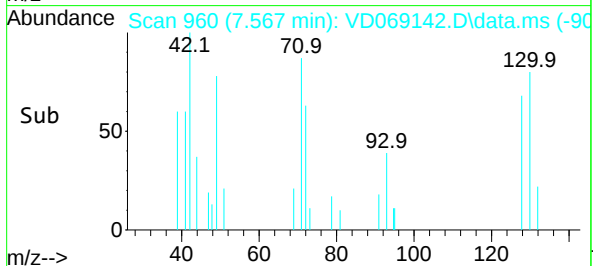
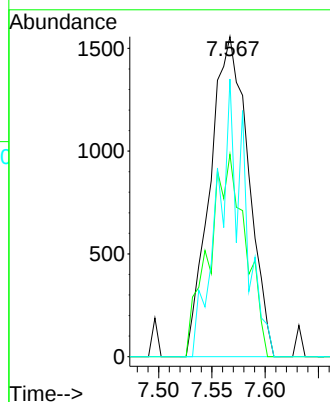
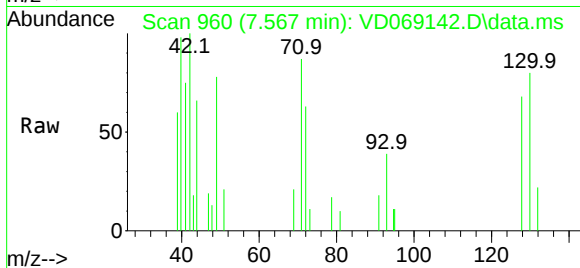
Acq: 12 May 2021 17:59

Tgt Ion:	42	Resp:	3902
Ion	Ratio	Lower	Upper
42	100		
72	60.5	45.9	68.9
71	61.6	42.9	64.3

Instrument :
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#30

Chloroform

Concen: 2.92 ug/l

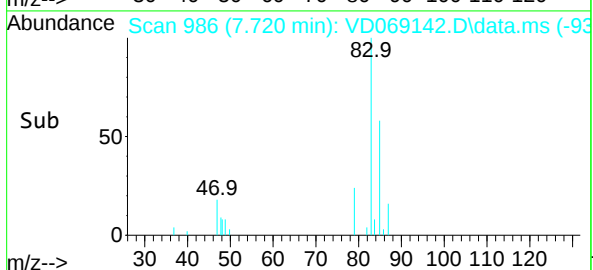
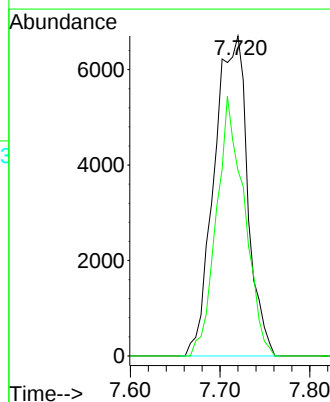
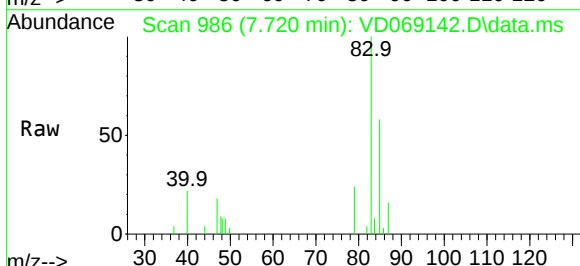
RT: 7.720 min Scan# 986

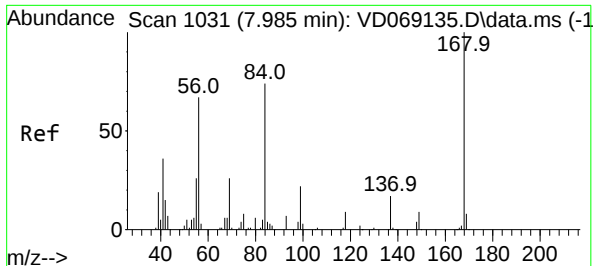
Delta R.T. 0.006 min

Lab File: VD069142.D

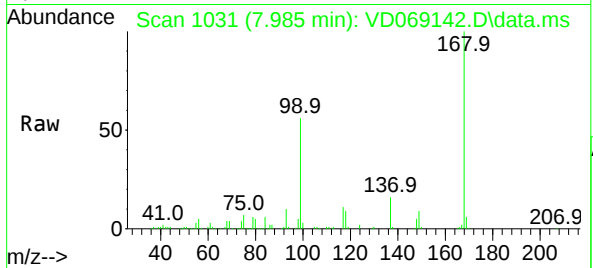
Acq: 12 May 2021 17:59

Tgt Ion:	83	Resp:	17332
Ion	Ratio	Lower	Upper
83	100		
85	58.0	54.0	81.0

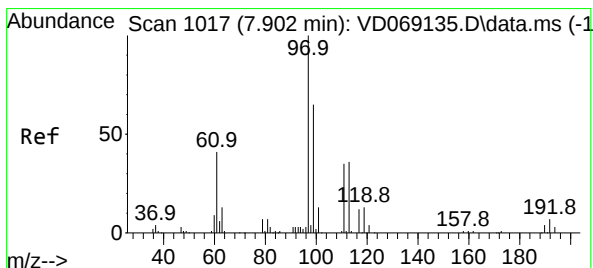
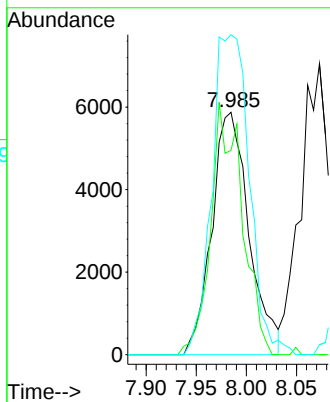
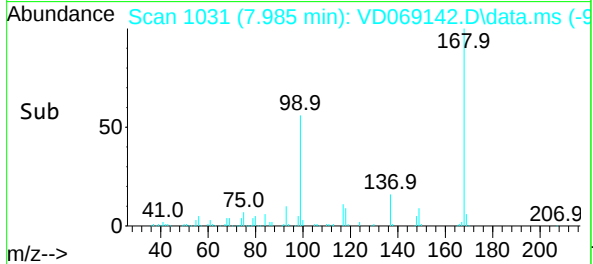




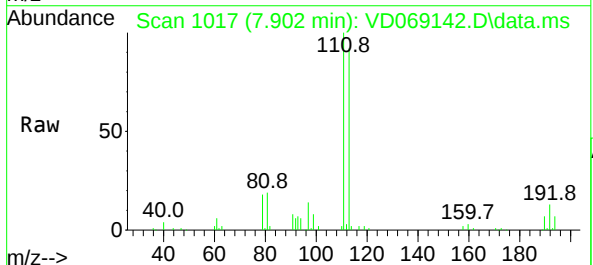
#31
Cyclohexane
Concen: 3.67 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



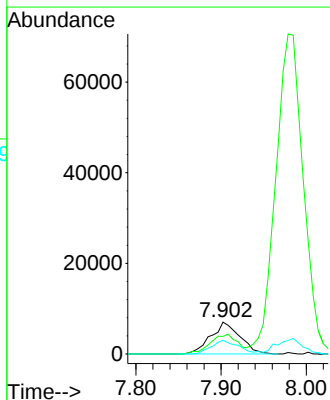
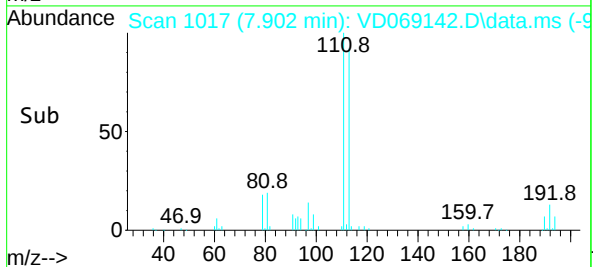
Tgt Ion: 56 Resp: 15163
Ion Ratio Lower Upper
56 100
69 84.3 30.6 46.0#
84 132.0 88.0 132.0



#32
1,1,1-Trichloroethane
Concen: 3.09 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



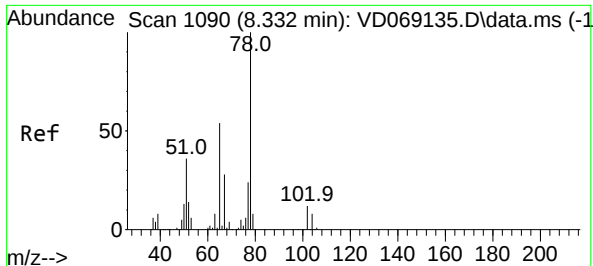
Tgt Ion: 97 Resp: 16639
Ion Ratio Lower Upper
97 100
99 56.9 51.5 77.3
61 38.9 32.5 48.7



Instrument :
MSVOA_D
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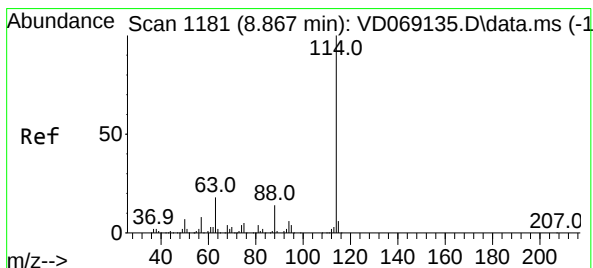
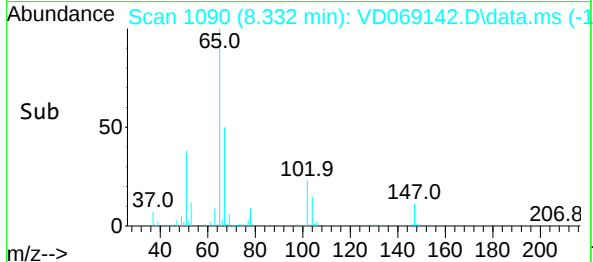
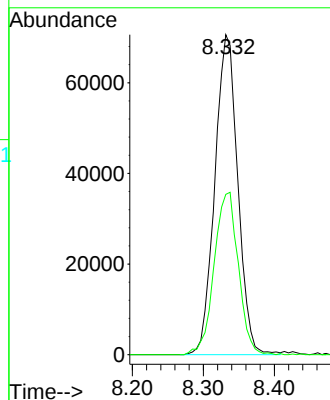
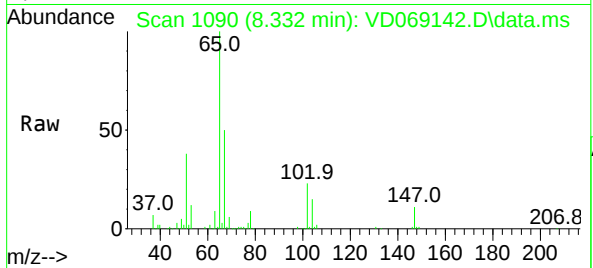
#33
1,2-Dichloroethane-d4
Concen: 56.82 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion: 65 Resp: 158375
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.0

Instrument :
MSVOA_D
ClientSampleId :
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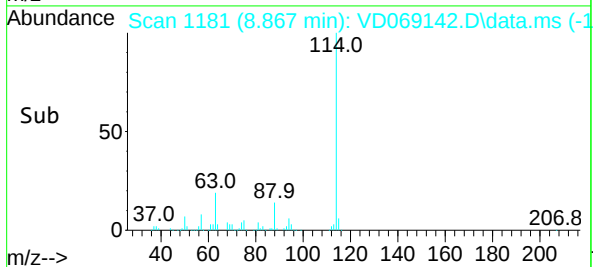
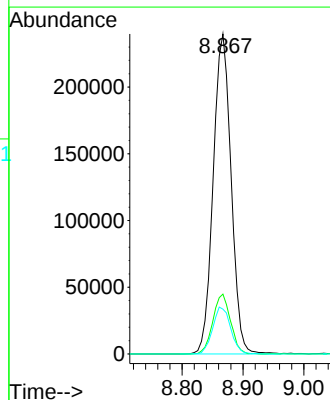
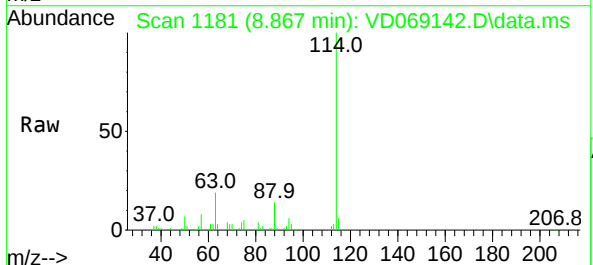
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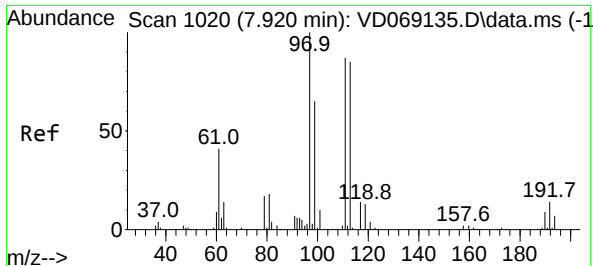
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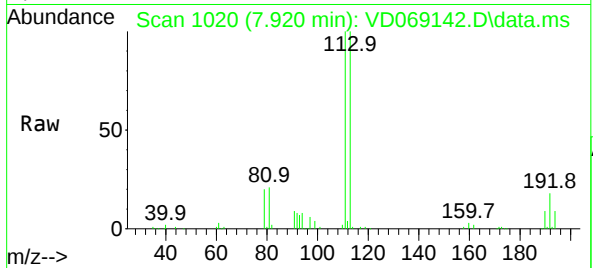
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion: 114 Resp: 490047
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.4
88 14.0 0.0 28.2

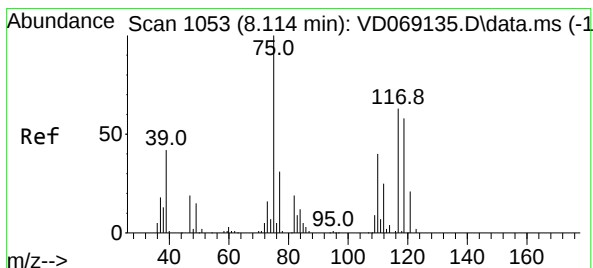
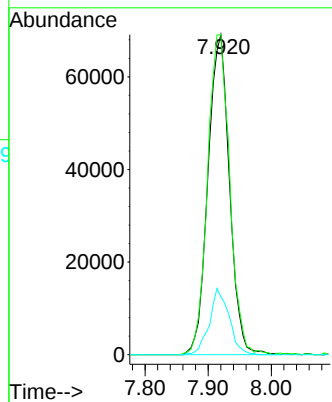
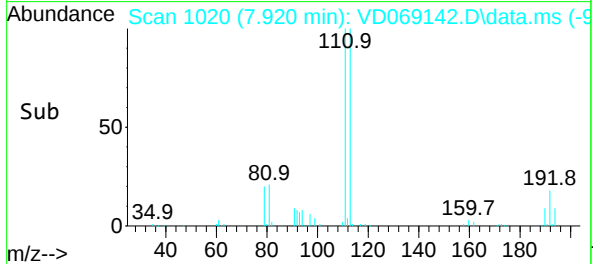




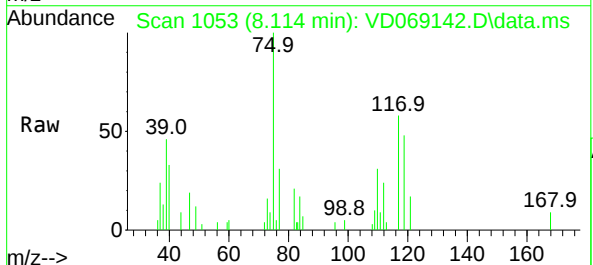
#35
Dibromofluoromethane
Concen: 51.19 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



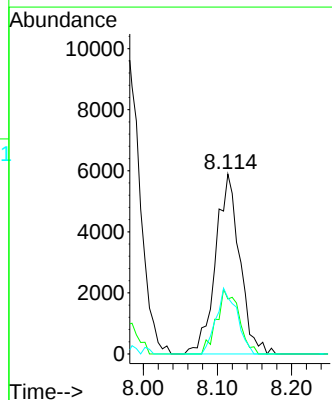
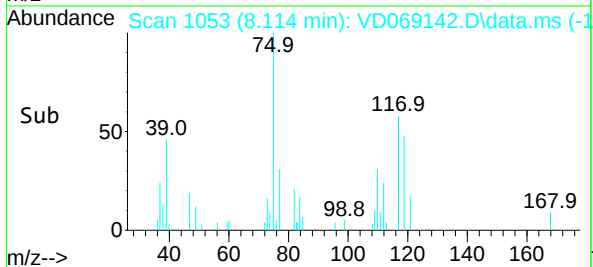
Tgt Ion: 113 Resp: 163246
Ion Ratio Lower Upper
113 100
111 103.2 80.6 120.8
192 19.0 14.8 22.2



#36
1,1-Dichloropropene
Concen: 2.81 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



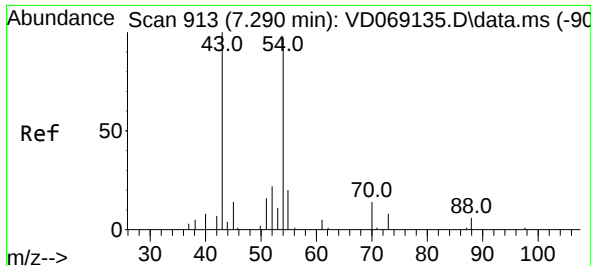
Tgt Ion: 75 Resp: 13368
Ion Ratio Lower Upper
75 100
110 32.7 18.8 56.4
77 31.5 25.2 37.8



Instrument :
MSVOA_D
ClientSampleId :
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#37

Ethyl Acetate

Concen: 3.62 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD069142.D

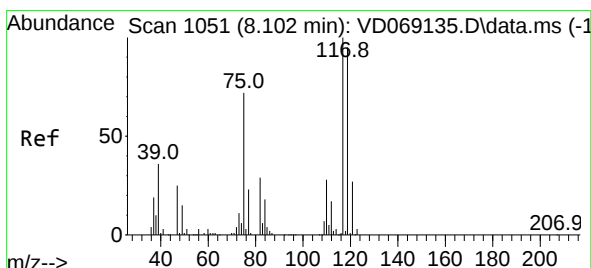
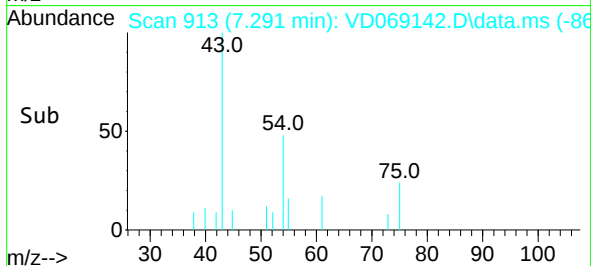
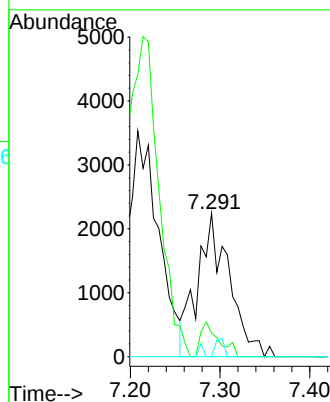
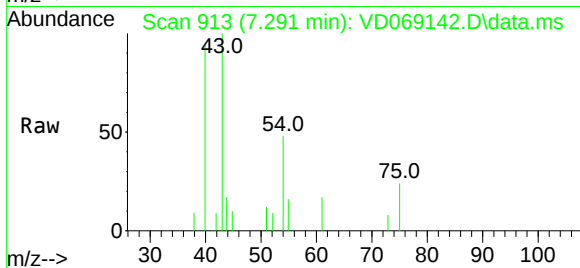
Acq: 12 May 2021 17:59

Tgt Ion:	43	Resp:	5534
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.5	17.3
70	1.3	10.4	15.6#

Instrument :
MSVOA_D
ClientSampleId :
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#38

Carbon Tetrachloride

Concen: 2.58 ug/l

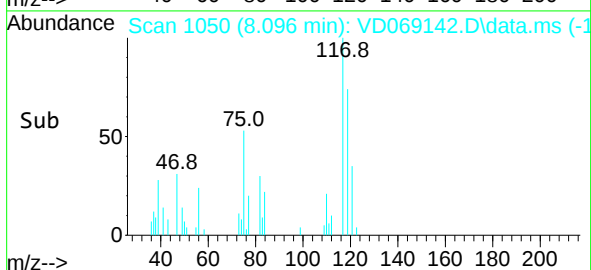
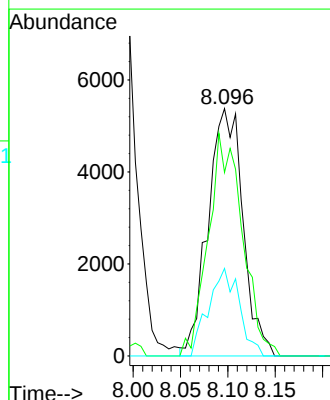
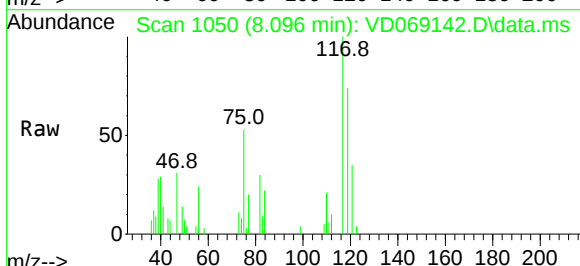
RT: 8.096 min Scan# 1050

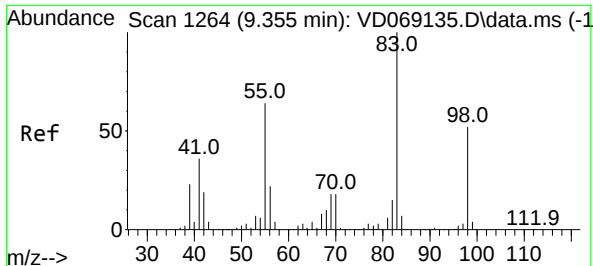
Delta R.T. -0.006 min

Lab File: VD069142.D

Acq: 12 May 2021 17:59

Tgt Ion:	117	Resp:	13749
Ion	Ratio	Lower	Upper
117	100		
119	74.2	76.2	114.2#
121	35.4	21.9	32.9#





#39

Methylcyclohexane

Concen: 2.49 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD069142.D

Acq: 12 May 2021 17:59

Tgt Ion:	83	Resp:	12492
Ion	Ratio	Lower	Upper
83	100		
55	69.3	51.2	76.8
98	68.1	41.4	62.2#

Instrument :

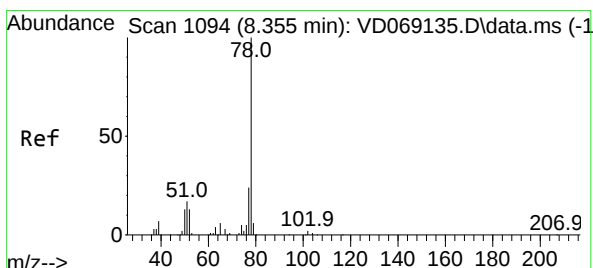
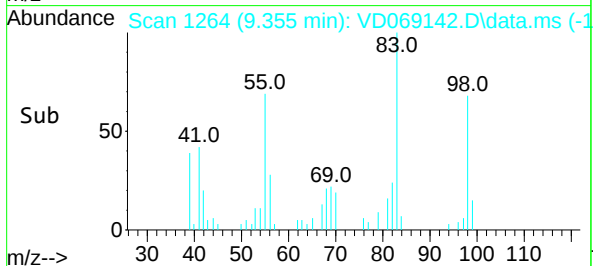
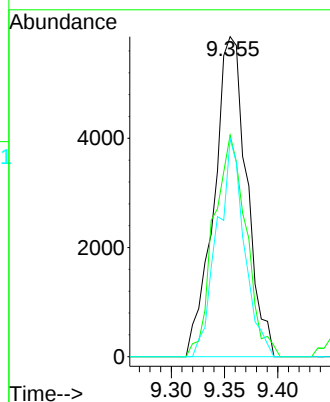
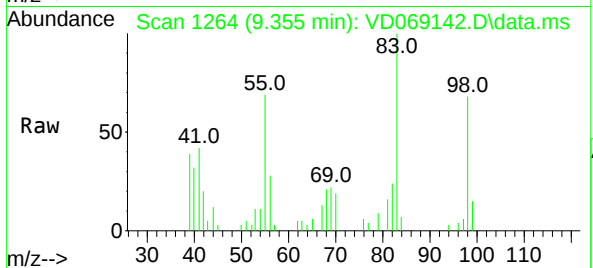
MSVOA_D

ClientSampleId :

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#40

Benzene

Concen: 2.78 ug/l

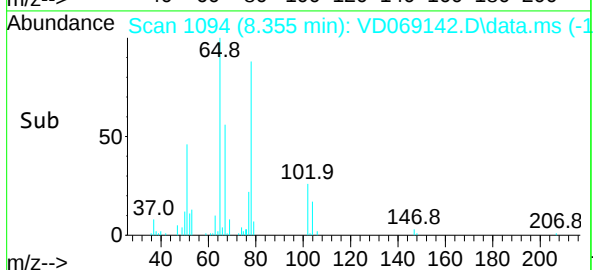
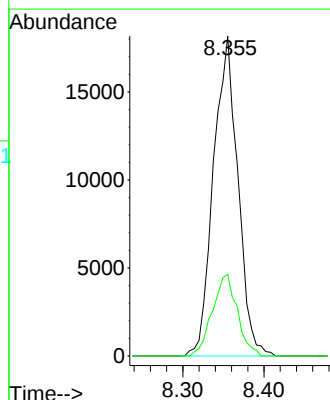
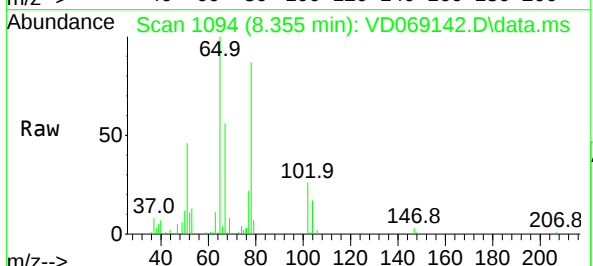
RT: 8.355 min Scan# 1094

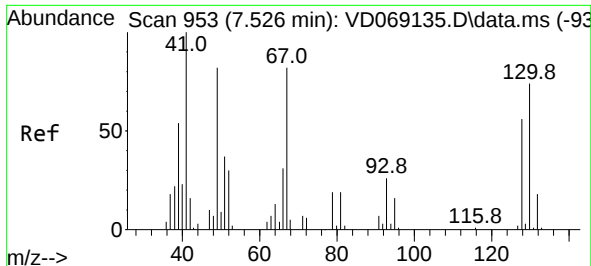
Delta R.T. 0.000 min

Lab File: VD069142.D

Acq: 12 May 2021 17:59

Tgt Ion:	78	Resp:	37935
Ion	Ratio	Lower	Upper
78	100		
77	25.5	19.1	28.7





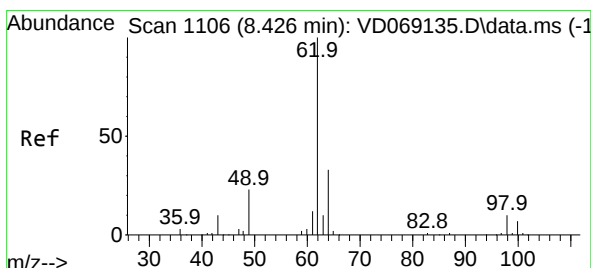
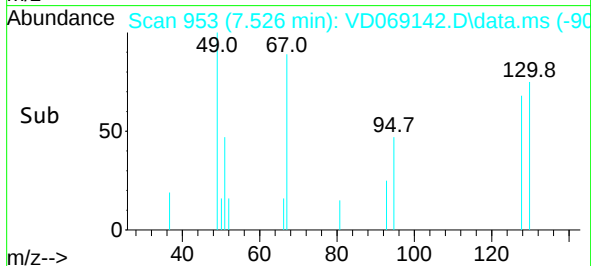
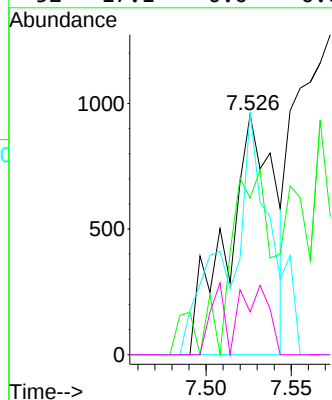
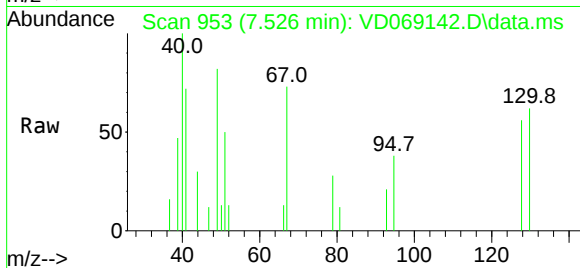
#41
Methacrylonitrile
Concen: 2.25 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion: 41 Resp: 1835
Ion Ratio Lower Upper
41 100
39 59.6 58.0 87.0
67 91.0 0.0 0.0#
52 17.1 0.0 0.0#

Instrument :
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ClientSampleId :
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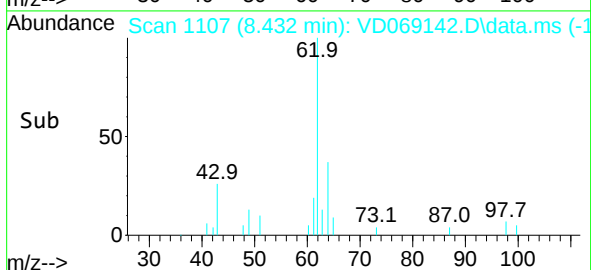
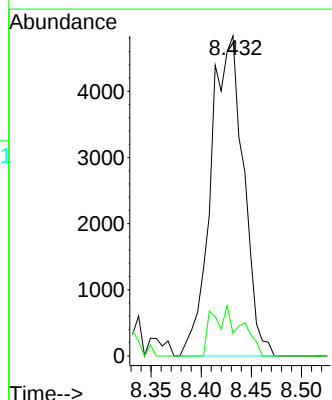
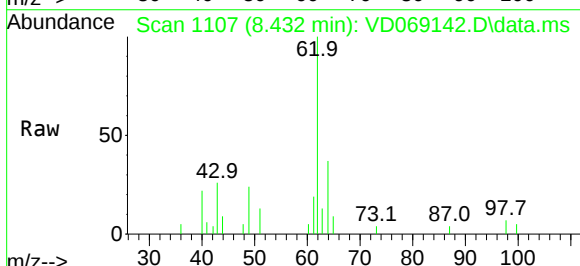
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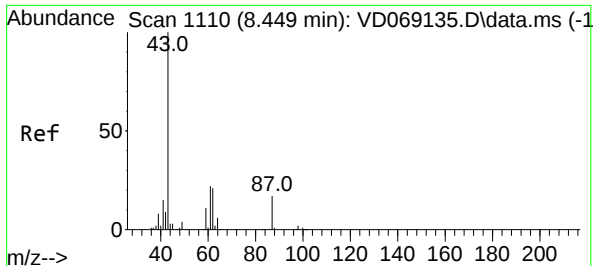
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#42
1,2-Dichloroethane
Concen: 2.94 ug/l
RT: 8.432 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion: 62 Resp: 10967
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.6





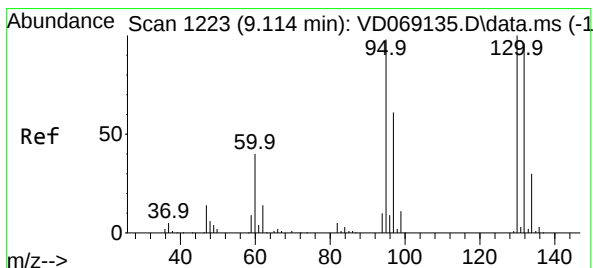
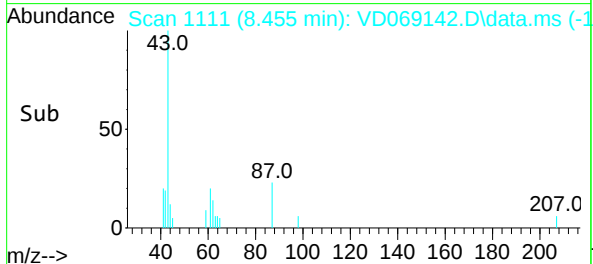
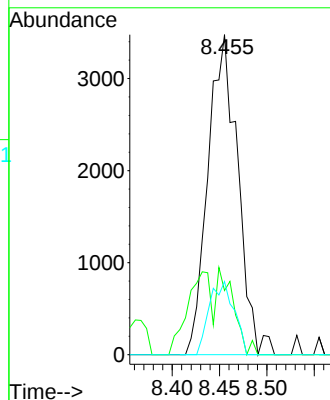
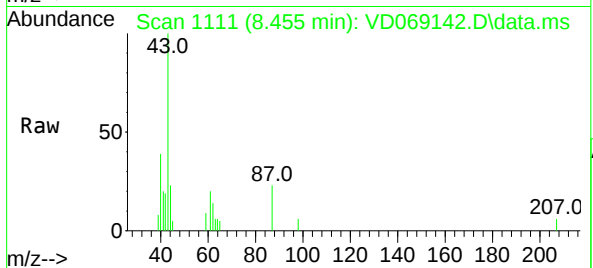
#43
Isopropyl Acetate
Concen: 2.74 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion: 43 Resp: 7607
Ion Ratio Lower Upper
43 100
61 15.3 28.6 42.8#
87 19.1 13.8 20.8

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

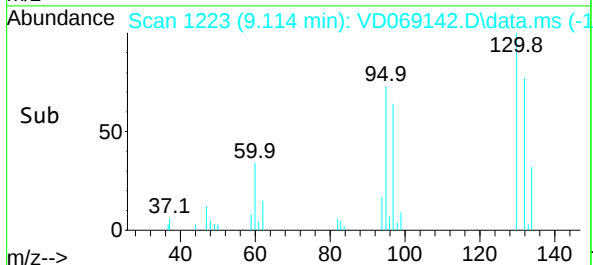
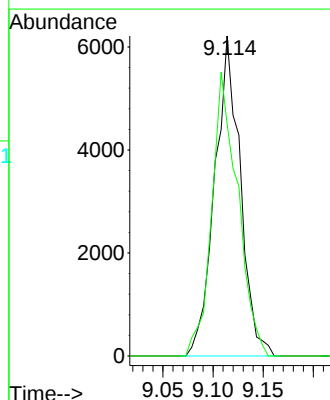
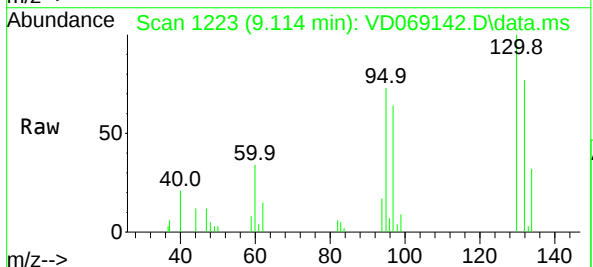
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#44
Trichloroethene
Concen: 2.88 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion: 130 Resp: 10973
Ion Ratio Lower Upper
130 100
95 72.7 0.0 196.2





#45

1,2-Dichloropropane

Concen: 2.75 ug/l

RT: 9.390 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VD069142.D

Acq: 12 May 2021 17:59

Tgt Ion: 63 Resp: 8872

Ion Ratio Lower Upper

63 100

65 36.5 25.9 38.9

Instrument :

MSVOA_D

ClientSampleId :

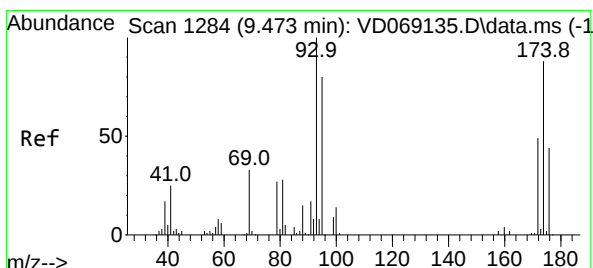
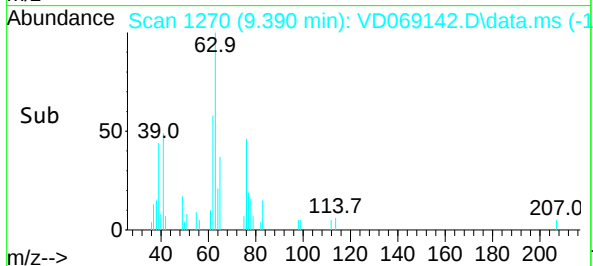
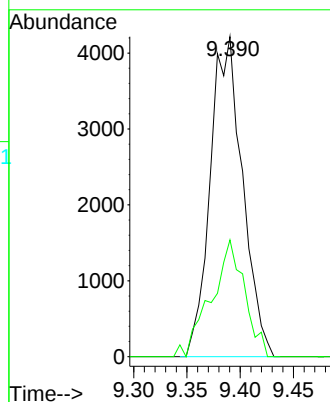
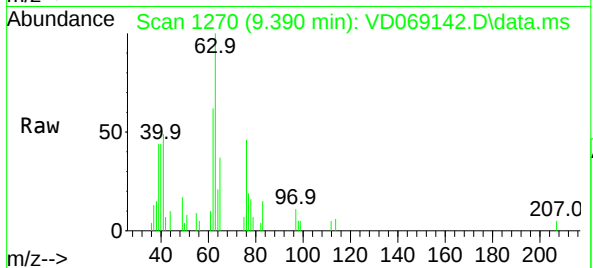
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#46

Dibromomethane

Concen: 2.62 ug/l

RT: 9.485 min Scan# 1286

Delta R.T. 0.012 min

Lab File: VD069142.D

Acq: 12 May 2021 17:59

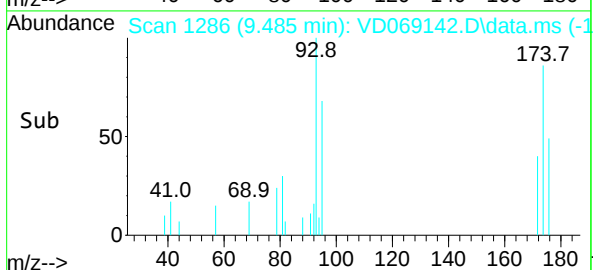
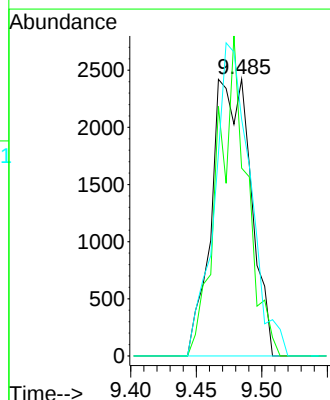
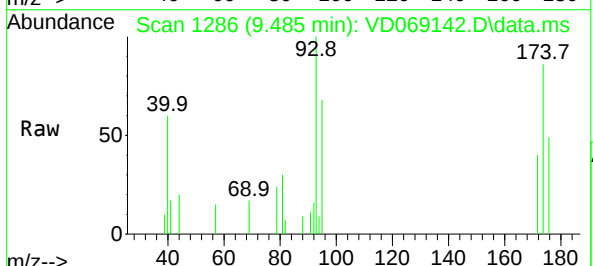
Tgt Ion: 93 Resp: 5052

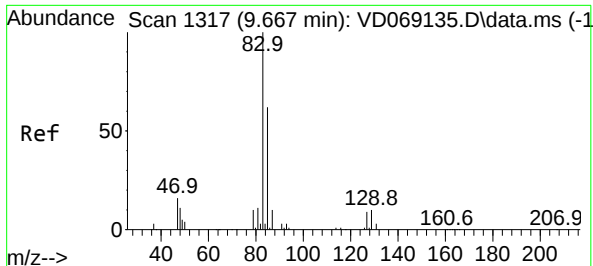
Ion Ratio Lower Upper

93 100

95 86.0 65.9 98.9

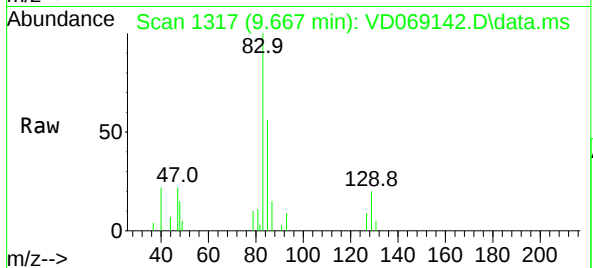
174 102.8 76.6 115.0





#47
Bromodichloromethane
Concen: 2.64 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

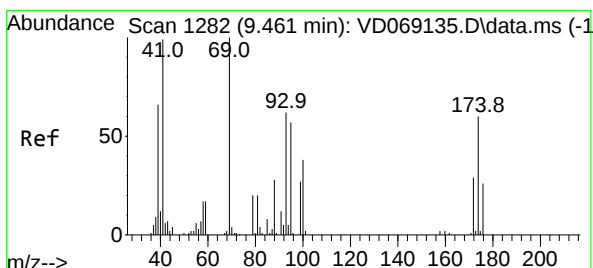
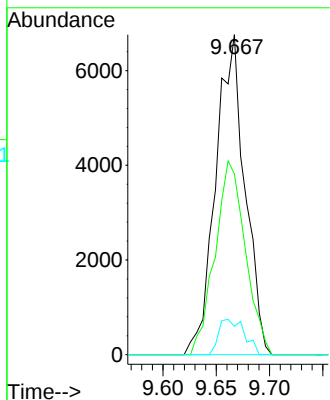
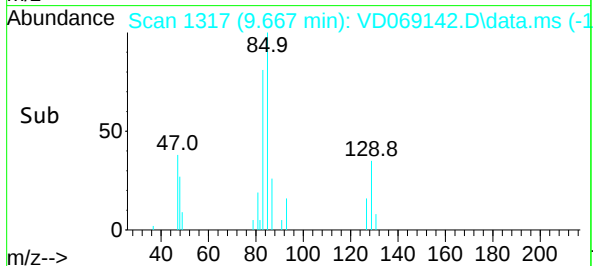
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



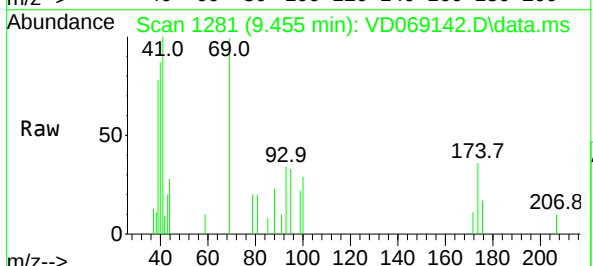
Tgt Ion: 83 Resp: 12918
Ion Ratio Lower Upper
83 100
85 56.5 50.0 75.0
127 8.8 7.1 10.7

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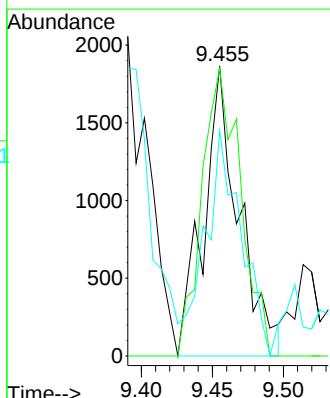
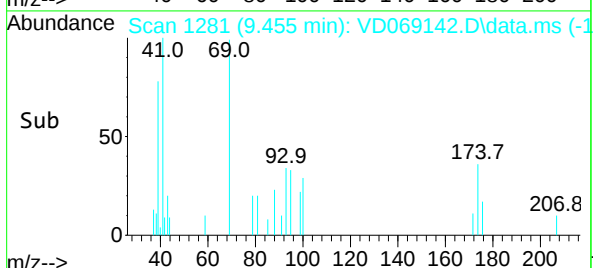
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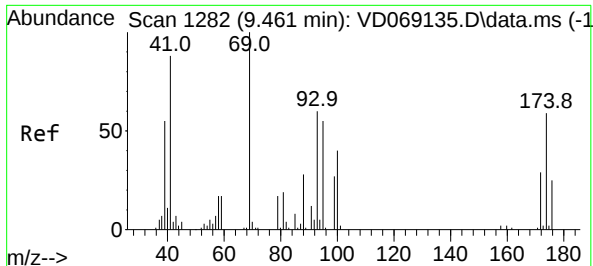


#48
Methyl methacrylate
Concen: 2.50 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



Tgt Ion: 41 Resp: 3215
Ion Ratio Lower Upper
41 100
69 109.0 88.0 132.0
39 78.8 51.4 77.0#





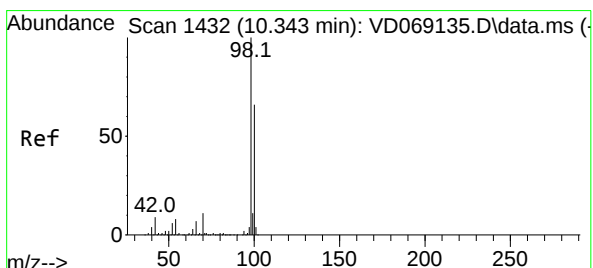
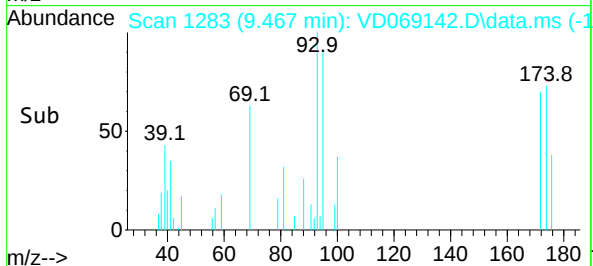
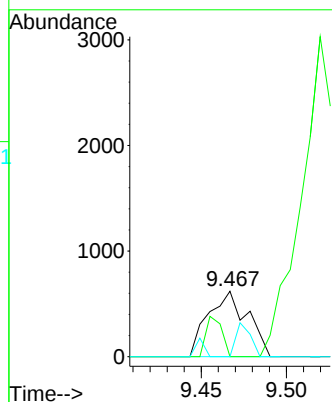
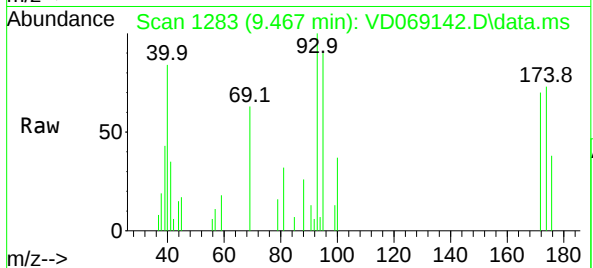
#49
1,4-Dioxane
Concen: 55.00 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion: 88 Resp: 996
Ion Ratio Lower Upper
88 100
43 0.0 26.7 40.1#
58 18.9 45.8 68.6#

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

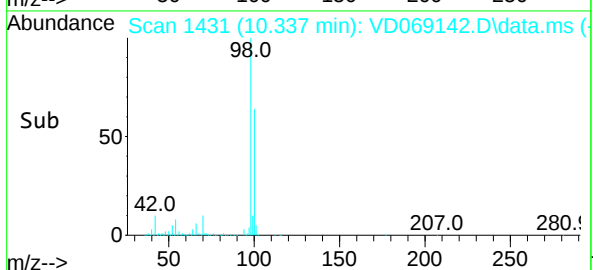
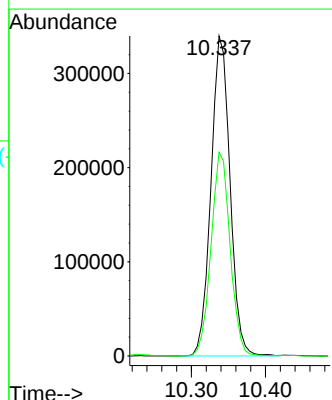
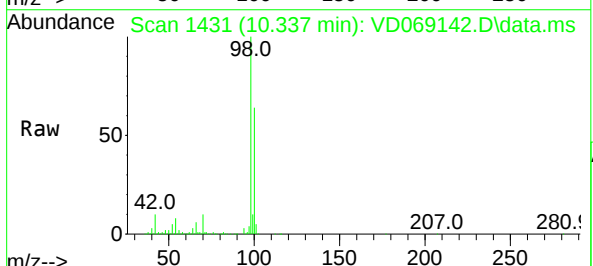
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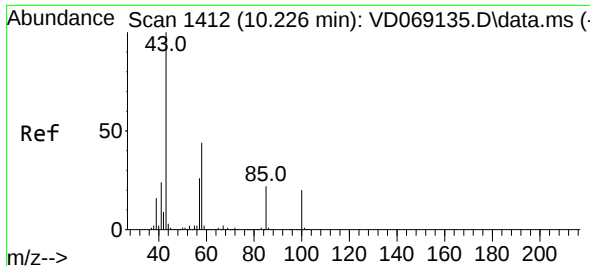
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#50
Toluene-d8
Concen: 51.75 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion: 98 Resp: 606372
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.8





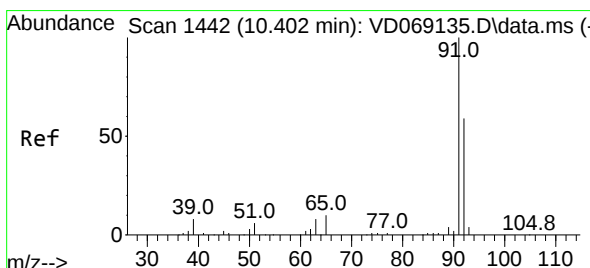
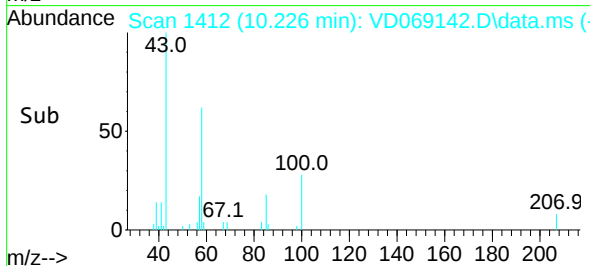
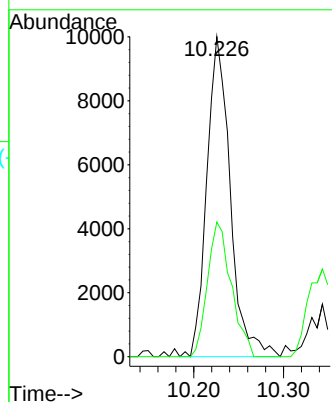
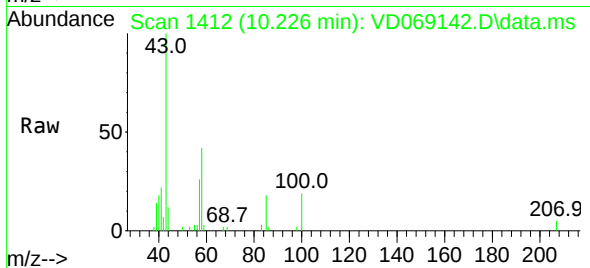
#51
4-Methyl-2-Pentanone
Concen: 12.68 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion: 43 Resp: 18136
Ion Ratio Lower Upper
43 100
58 42.6 35.0 52.4

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

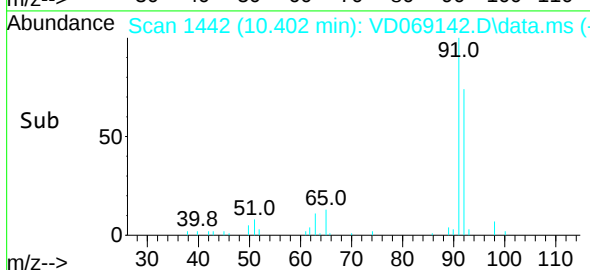
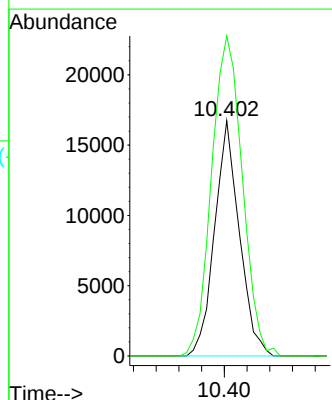
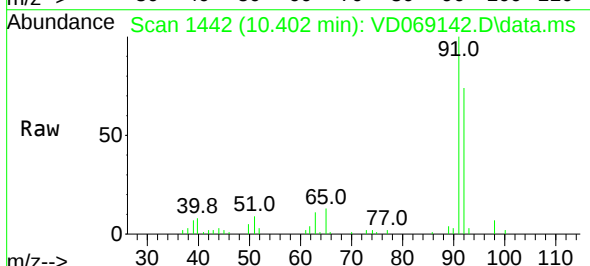
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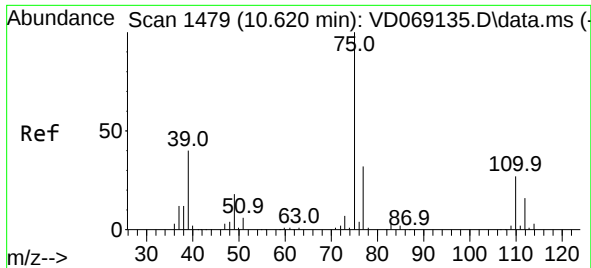
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#52
Toluene
Concen: 2.88 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion: 92 Resp: 25388
Ion Ratio Lower Upper
92 100
91 168.5 136.2 204.2





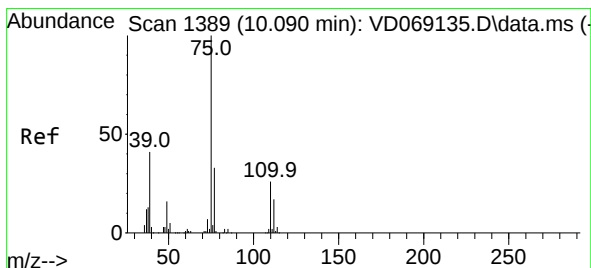
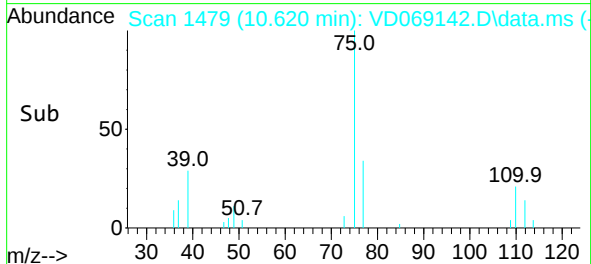
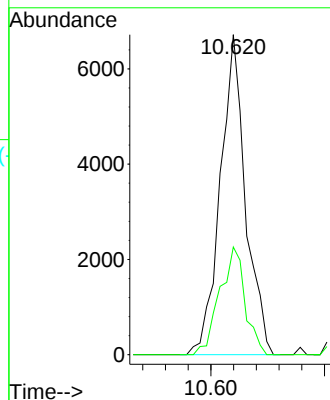
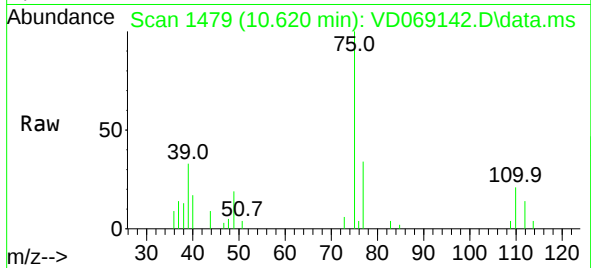
#53
 t-1,3-Dichloropropene
 Concen: 2.41 ug/l
 RT: 10.620 min Scan# 1479
 Delta R.T. 0.000 min
 Lab File: VD069142.D
 Acq: 12 May 2021 17:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.6	26.0	39.0

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

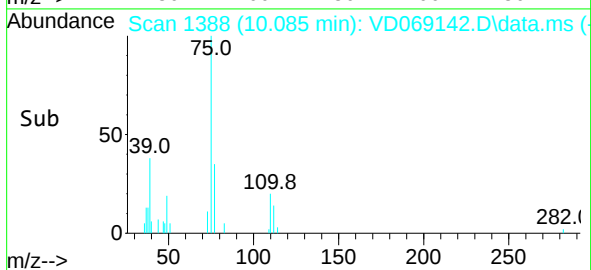
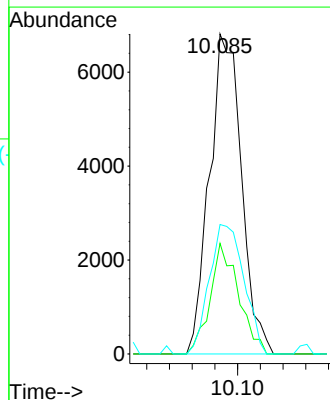
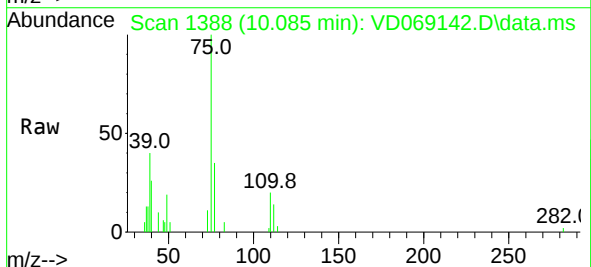
Manual Integrations
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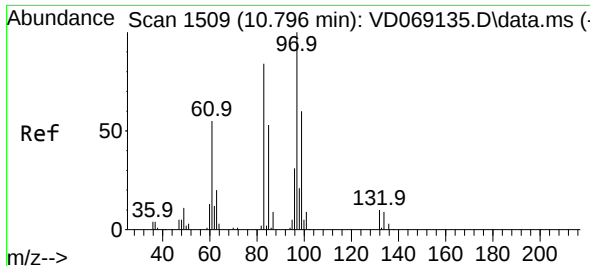
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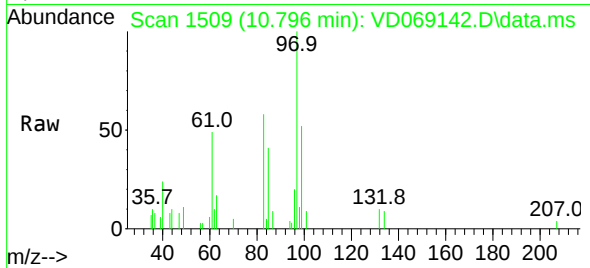
#54
 cis-1,3-Dichloropropene
 Concen: 2.59 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.006 min
 Lab File: VD069142.D
 Acq: 12 May 2021 17:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.6	26.2	39.4
39	40.5	32.9	49.3

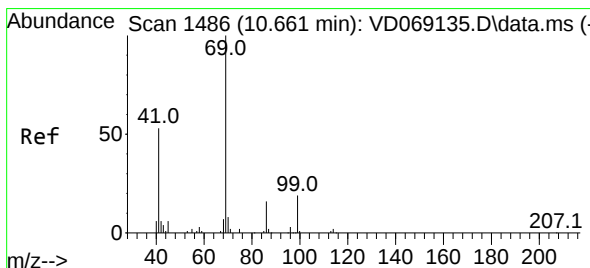
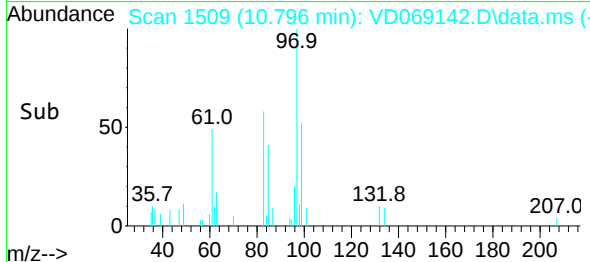
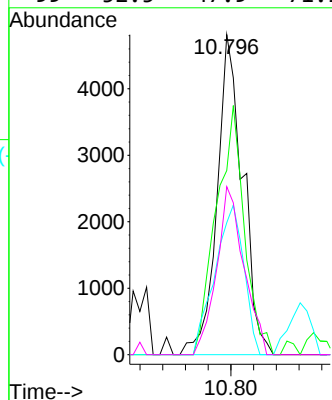




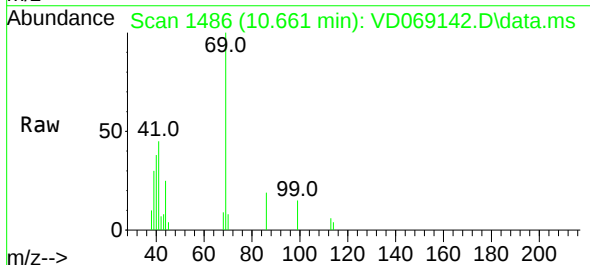
#55
1,1,2-Trichloroethane
Concen: 2.92 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



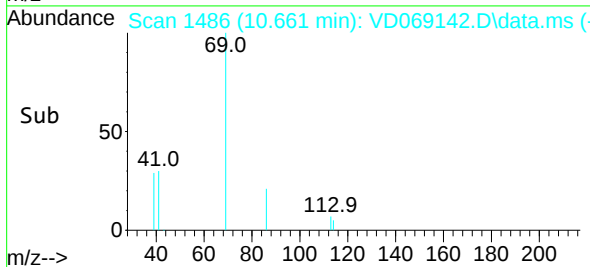
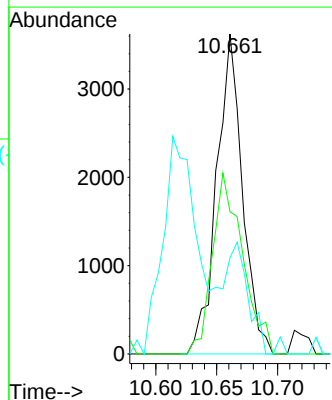
Tgt Ion:	97	Resp:	7589
Ion	Ratio	Lower	Upper
97	100		
83	57.6	66.9	100.3#
85	41.3	42.2	63.4#
99	52.5	47.9	71.9



#56
Ethyl methacrylate
Concen: 2.06 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



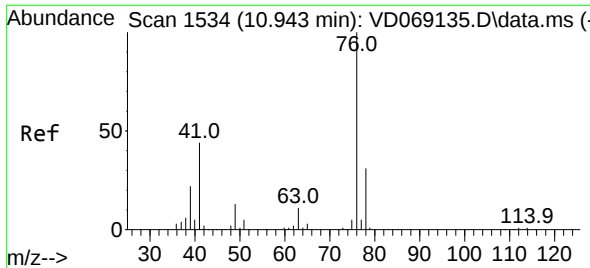
Tgt Ion:	69	Resp:	5351
Ion	Ratio	Lower	Upper
69	100		
41	66.2	42.2	63.2#
39	27.1	26.3	39.5



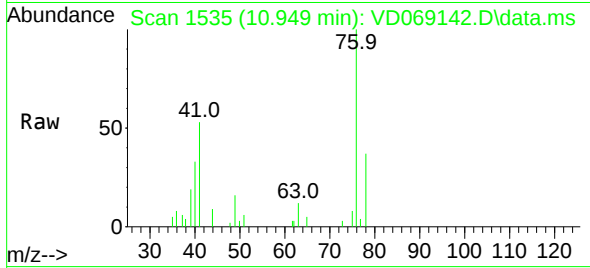
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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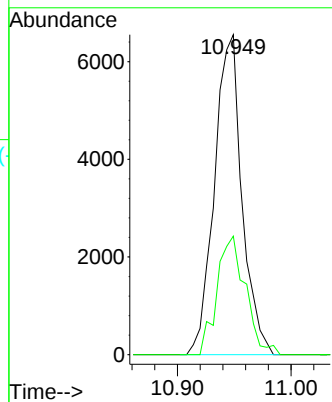
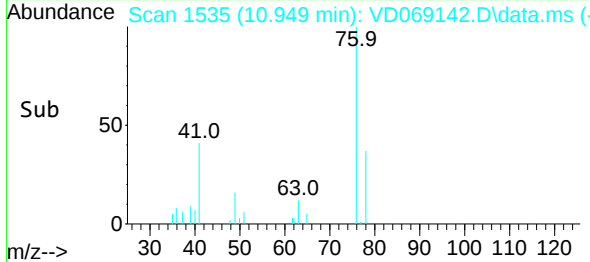
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#57
1,3-Dichloropropane
Concen: 2.63 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. 0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



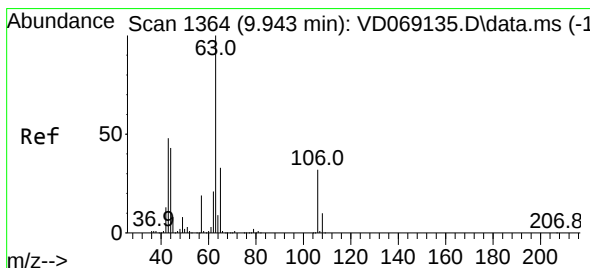
Tgt Ion: 76 Resp: 11030
Ion Ratio Lower Upper
76 100
78 38.3 25.7 38.5



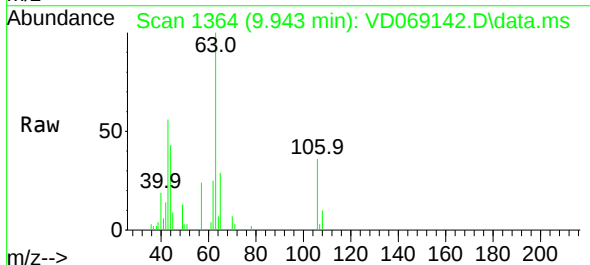
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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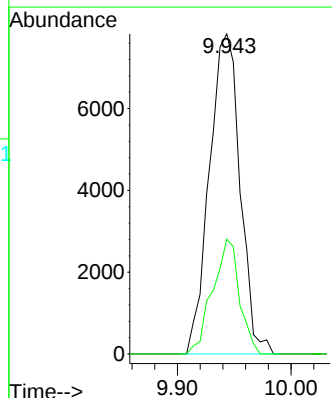
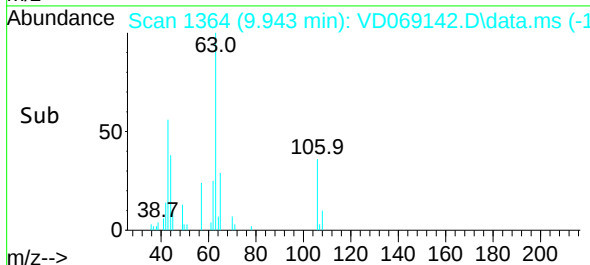
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5/13/2021 4:06:05 PM

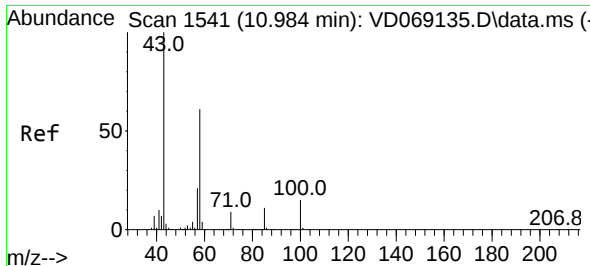


#58
2-Chloroethyl Vinyl ether
Concen: 11.44 ug/l
RT: 9.943 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



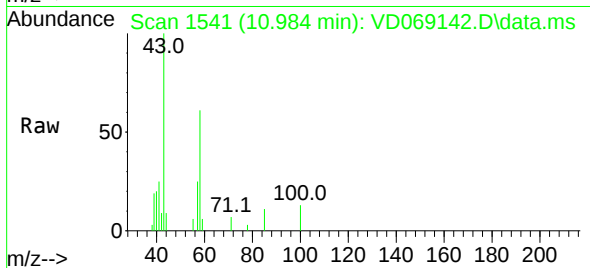
Tgt Ion: 63 Resp: 14696
Ion Ratio Lower Upper
63 100
106 31.3 25.3 37.9





#59
2-Hexanone
Concen: 11.31 ug/l
RT: 10.984 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

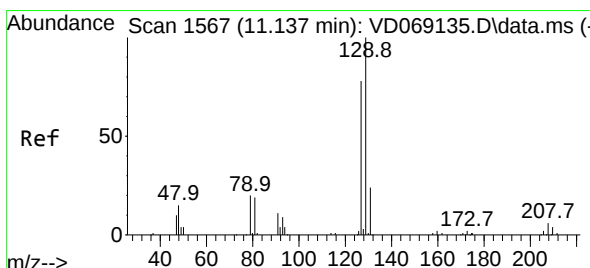
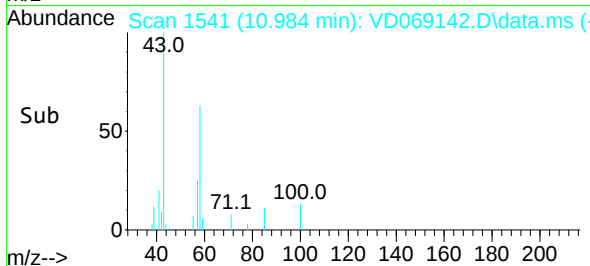
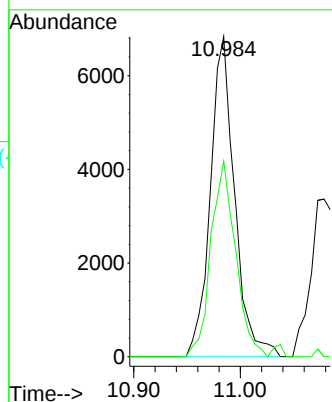
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 43 Resp: 10789
Ion Ratio Lower Upper
43 100
58 62.3 31.1 93.5

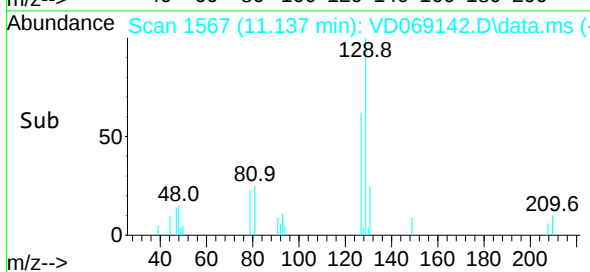
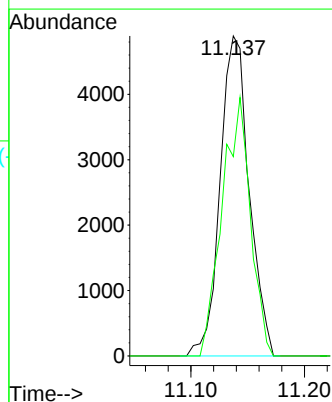
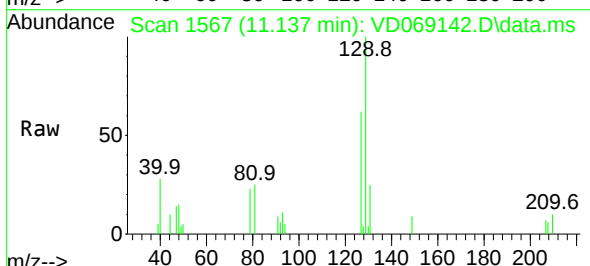
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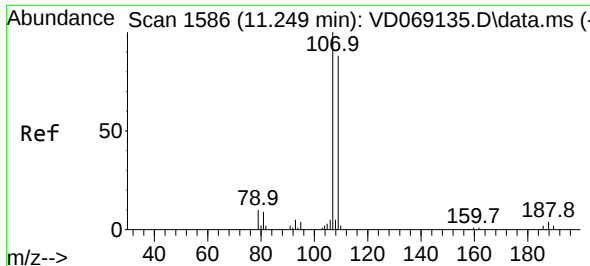
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#60
Dibromochloromethane
Concen: 2.61 ug/l
RT: 11.137 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

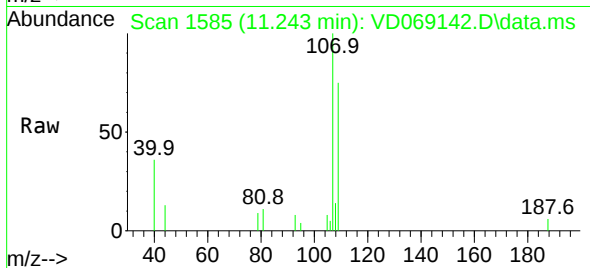
Tgt Ion: 129 Resp: 8684
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 2.90 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

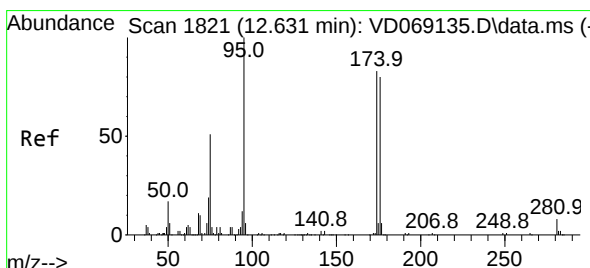
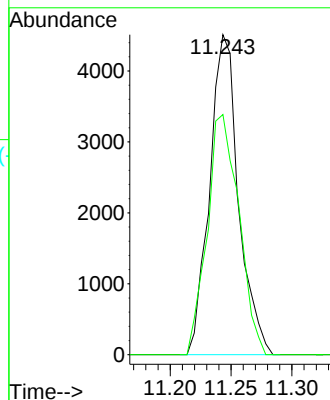
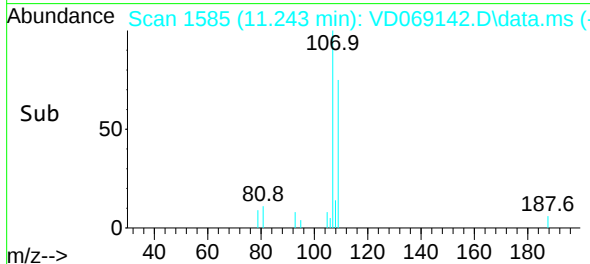
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



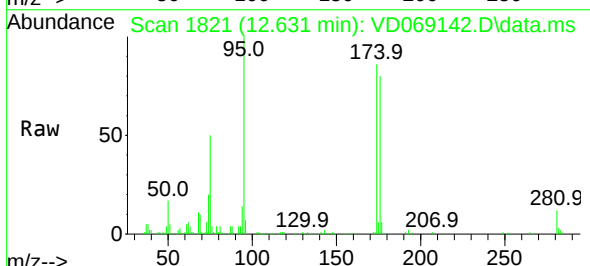
Tgt Ion:107 Resp: 7449
Ion Ratio Lower Upper
107 100
109 82.3 73.6 110.4

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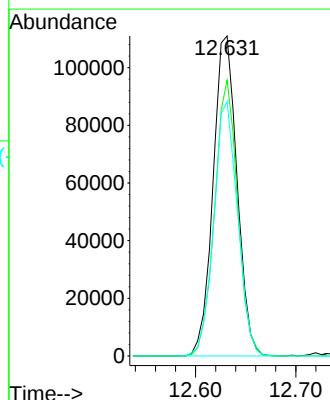
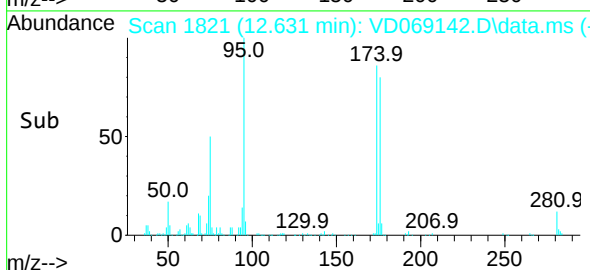
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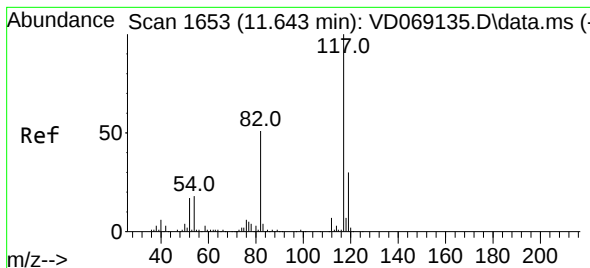


#62
4-Bromofluorobenzene
Concen: 48.86 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



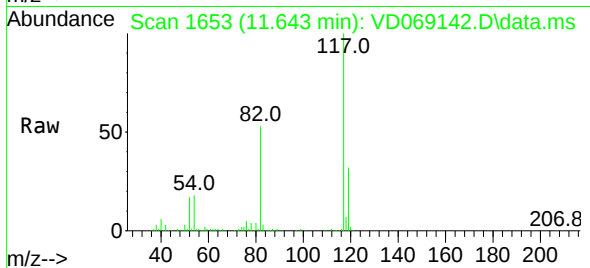
Tgt Ion: 95 Resp: 184237
Ion Ratio Lower Upper
95 100
174 82.7 0.0 171.8
176 78.9 0.0 165.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

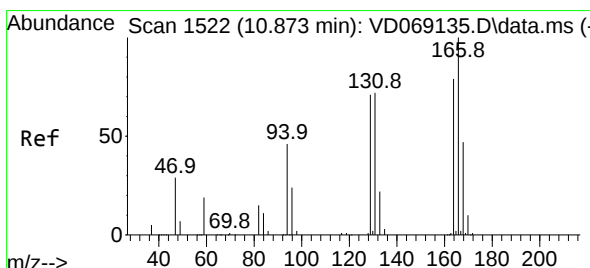
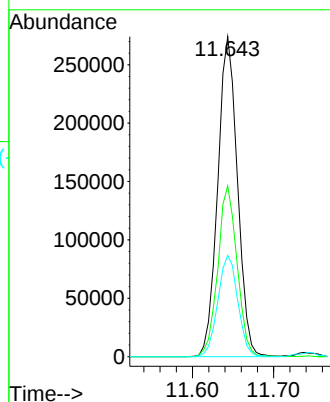
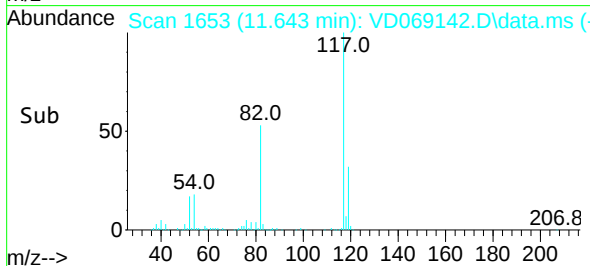
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



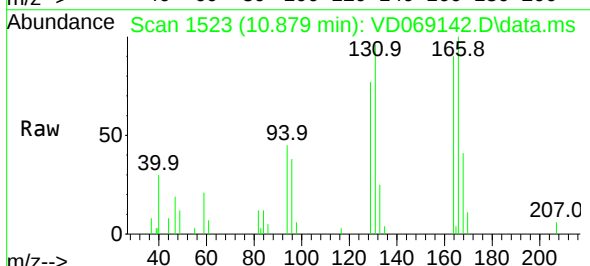
Tgt Ion:117 Resp: 463751
Ion Ratio Lower Upper
117 100
82 53.4 40.5 60.7
119 31.6 24.2 36.4

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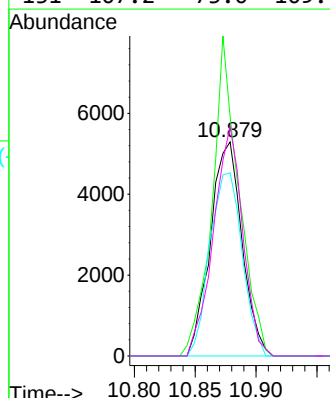
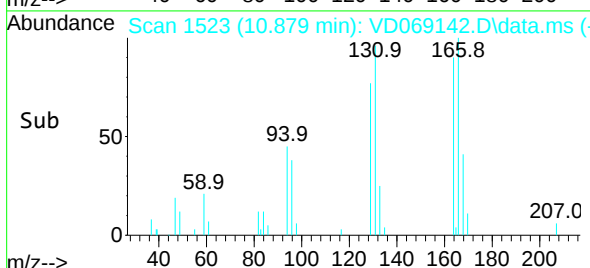
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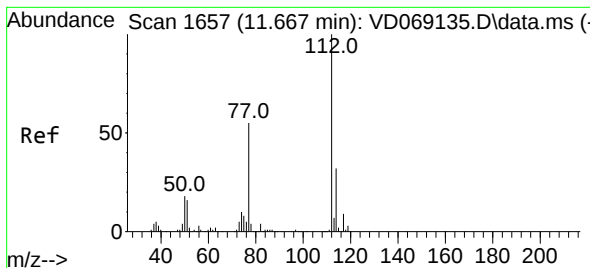


#64
Tetrachloroethene
Concen: 2.97 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



Tgt Ion:164 Resp: 9561
Ion Ratio Lower Upper
164 100
166 111.7 101.7 152.5
129 85.6 72.6 109.0
131 107.2 73.0 109.4





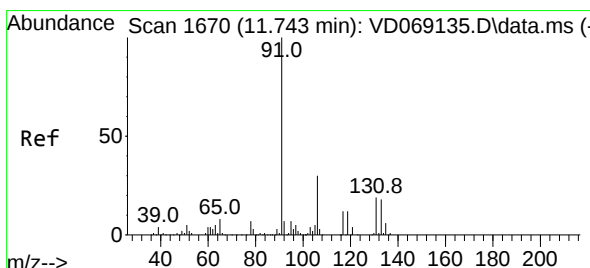
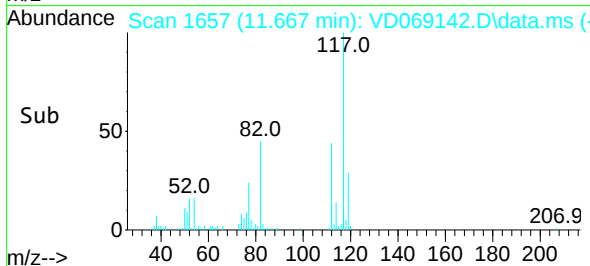
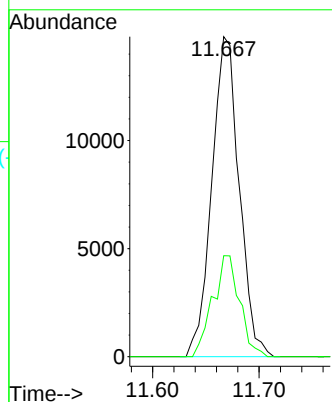
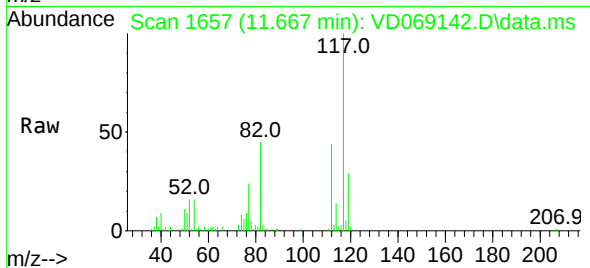
#65
Chlorobenzene
Concen: 2.75 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion:112 Resp: 26451
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6

Instrument :
MSVOA_D
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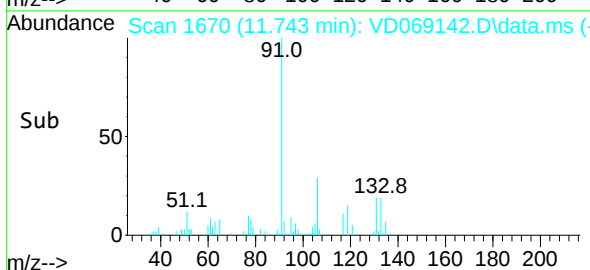
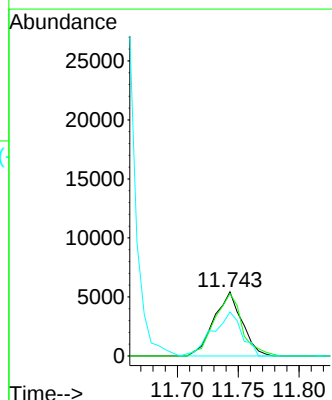
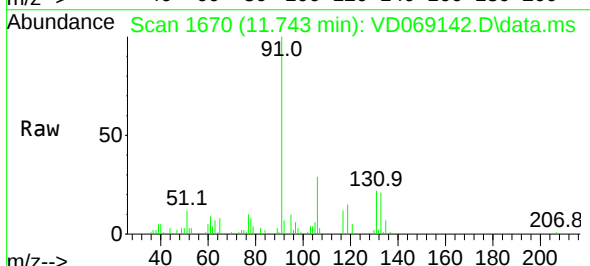
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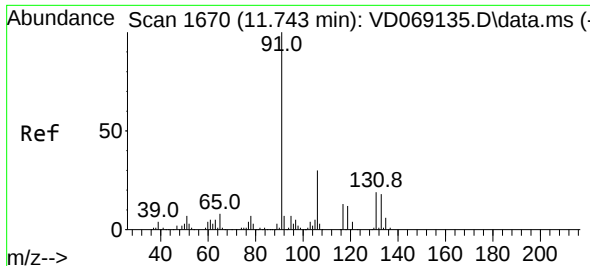
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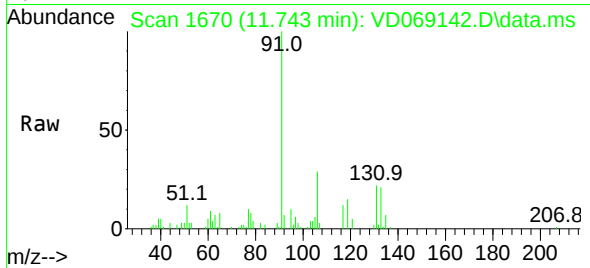
#66
1,1,1,2-Tetrachloroethane
Concen: 2.40 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion:131 Resp: 8683
Ion Ratio Lower Upper
131 100
133 97.1 47.5 142.5
119 71.4 32.1 96.5

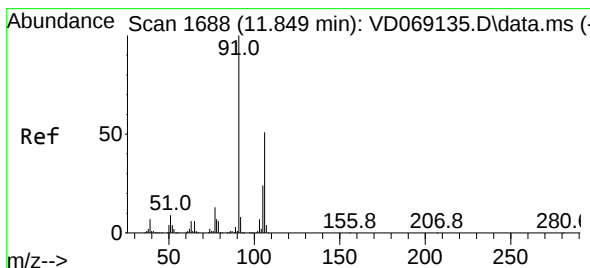
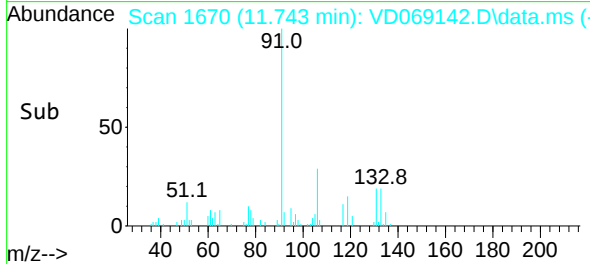
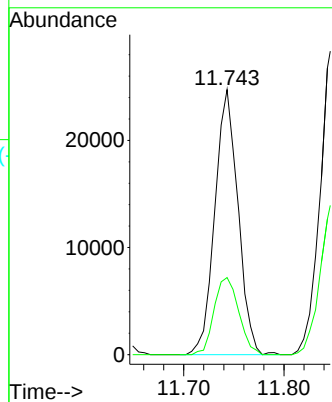




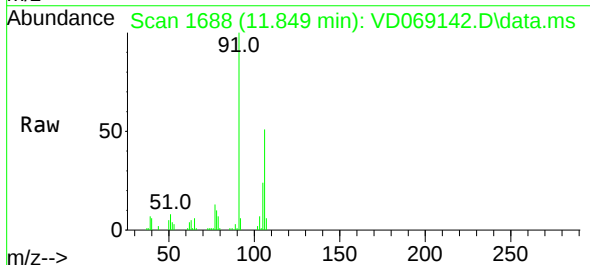
#67
Ethyl Benzene
Concen: 2.40 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



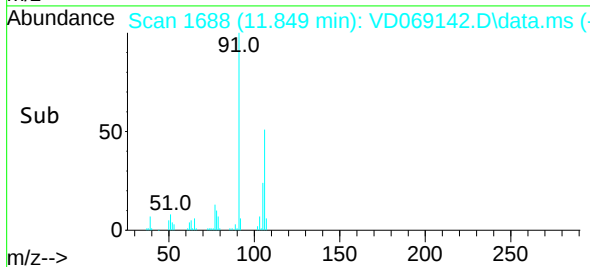
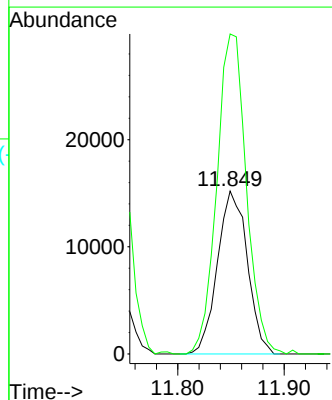
Tgt Ion: 91 Resp: 39659
Ion Ratio Lower Upper
91 100
106 29.1 24.0 36.0



#68
m/p-Xylenes
Concen: 4.57 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



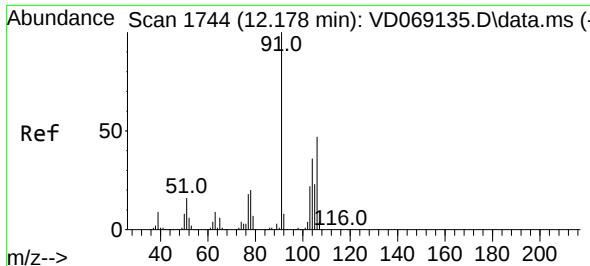
Tgt Ion: 106 Resp: 29613
Ion Ratio Lower Upper
106 100
91 194.1 157.3 235.9



Instrument :
MSVOA_D
ClientSampleId :
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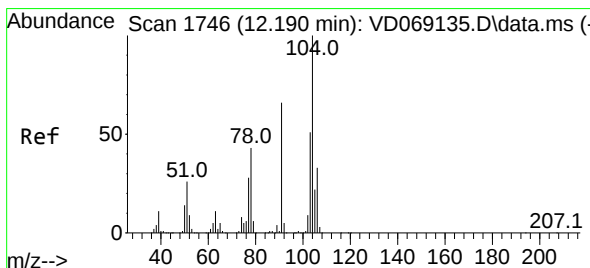
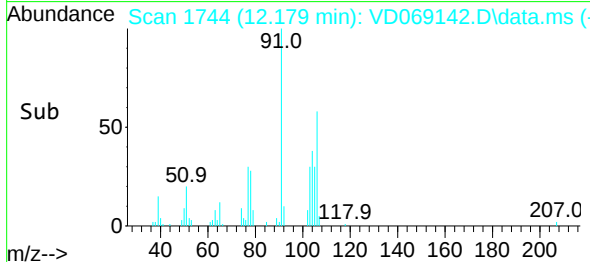
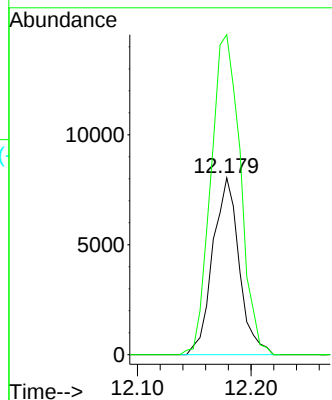
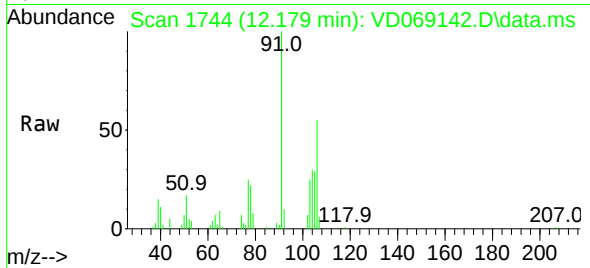
#69
o-Xylene
Concen: 2.26 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion:106 Resp: 13003
Ion Ratio Lower Upper
106 100
91 201.3 104.8 314.6

Instrument :
MSVOA_D
ClientSampleId :
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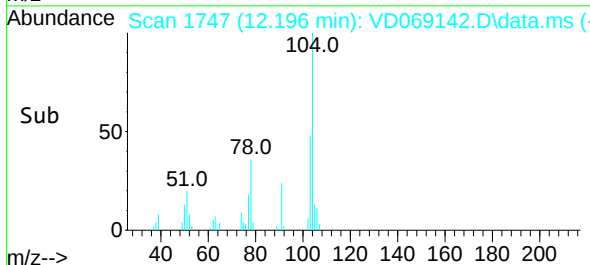
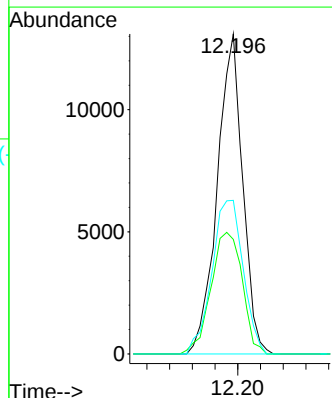
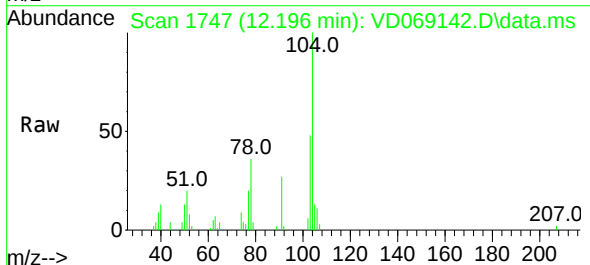
Manual Integrations
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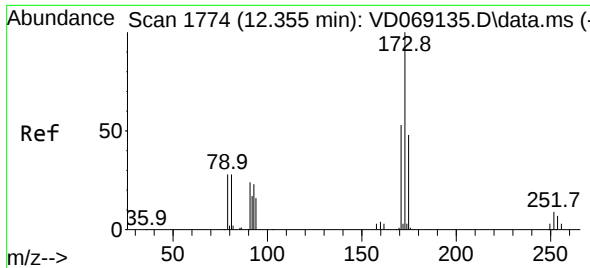
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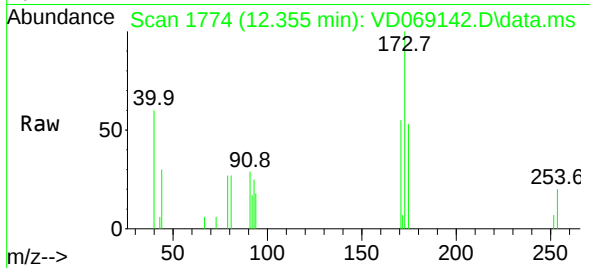
#70
Styrene
Concen: 2.02 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion:104 Resp: 20355
Ion Ratio Lower Upper
104 100
78 46.8 37.8 56.6
103 59.1 44.8 67.2

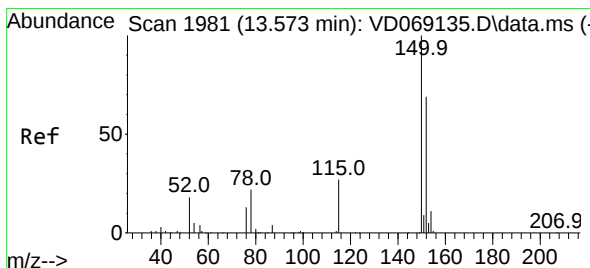
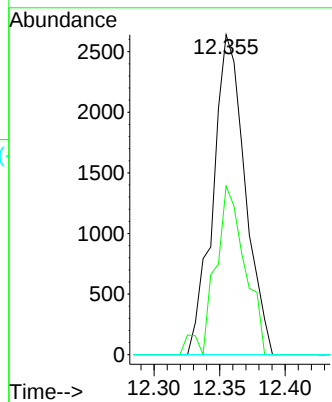
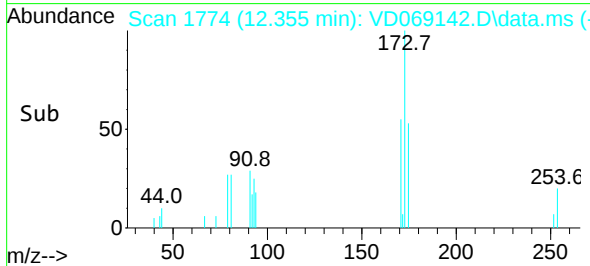




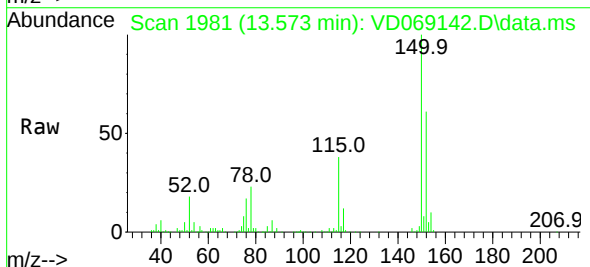
#71
Bromoform
Concen: 2.38 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



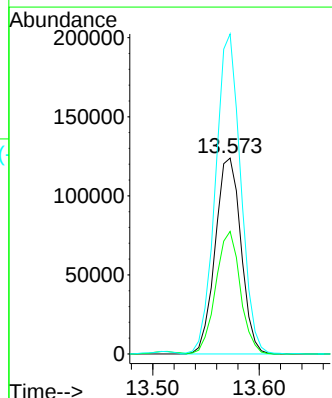
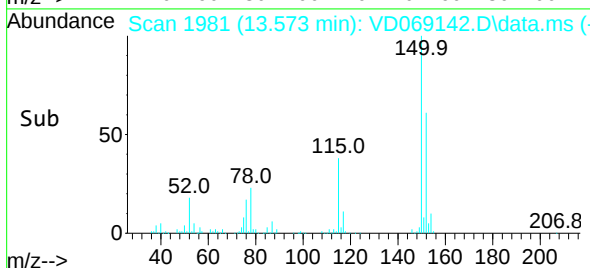
Tgt Ion:173 Resp: 4481
Ion Ratio Lower Upper
173 100
175 49.2 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



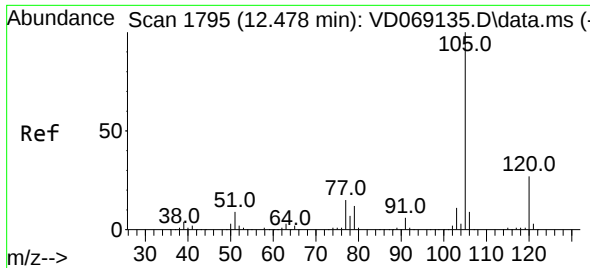
Tgt Ion:152 Resp: 207610
Ion Ratio Lower Upper
152 100
115 59.6 29.9 89.8
150 159.9 0.0 350.2



Instrument :
MSVOA_D
ClientSampleId :
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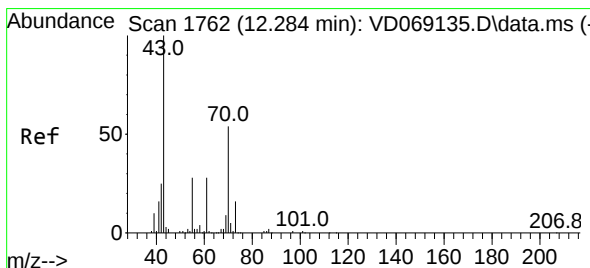
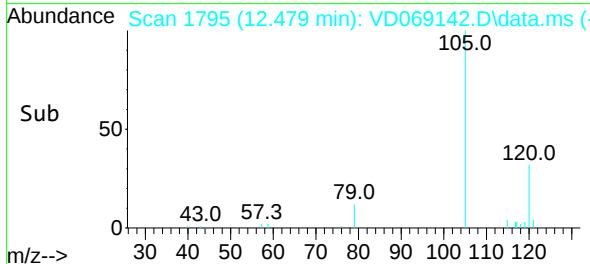
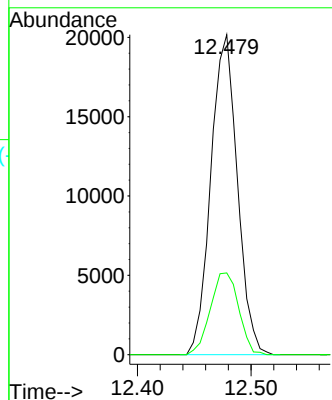
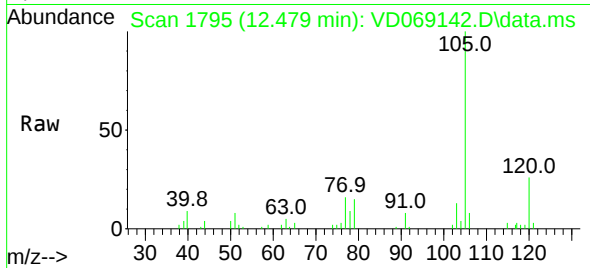
#73
Isopropylbenzene
Concen: 2.25 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion: 105 Resp: 32694
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

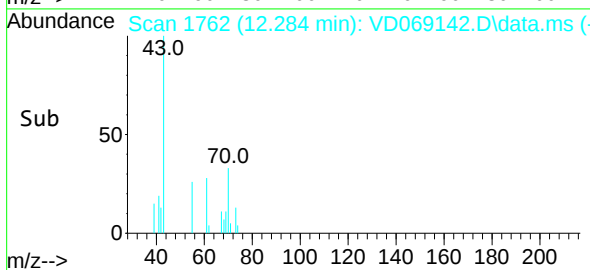
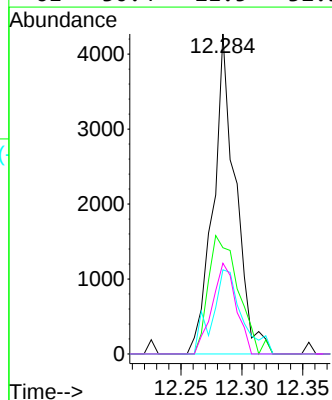
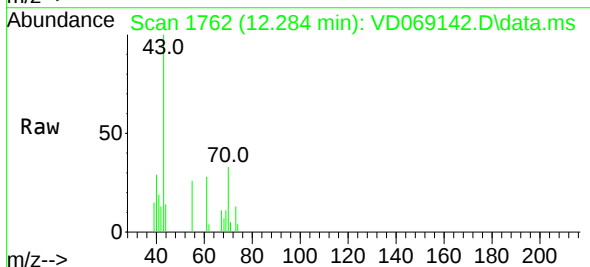
Manual Integrations
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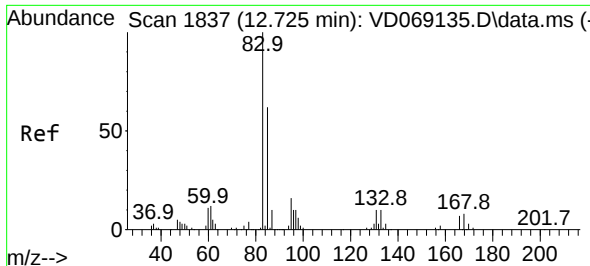
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#74
N-ethyl acetate
Concen: 2.29 ug/l
RT: 12.284 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion: 43 Resp: 5440
Ion Ratio Lower Upper
43 100
70 49.8 41.6 62.4
55 34.9 22.6 34.0#
61 30.4 21.5 32.3





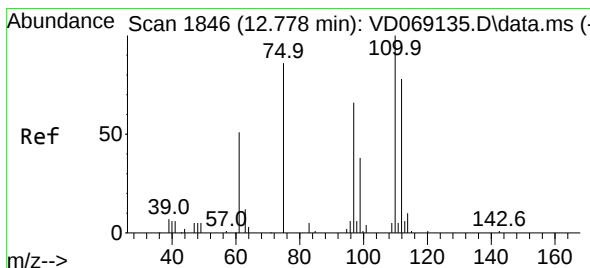
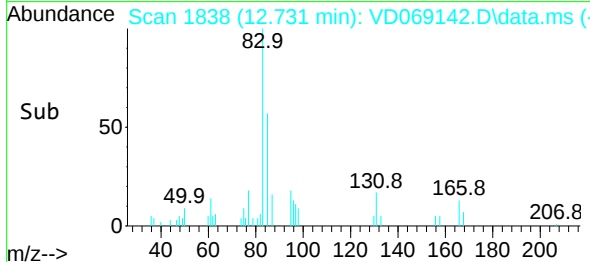
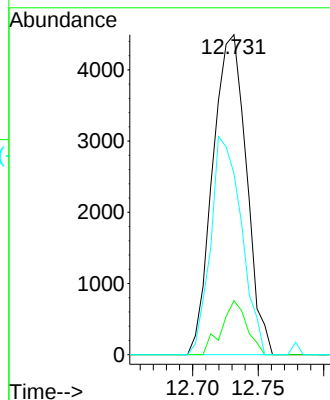
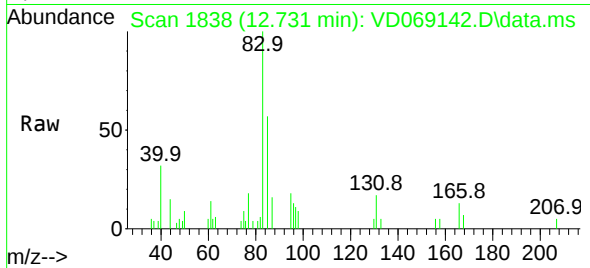
#75
1,1,2,2-Tetrachloroethane
Concen: 3.05 ug/l
RT: 12.731 min Scan# 1838
Delta R.T. 0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion	Ratio	Lower	Upper
83	100		
131	12.6	5.4	16.2
85	62.4	31.9	95.5

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

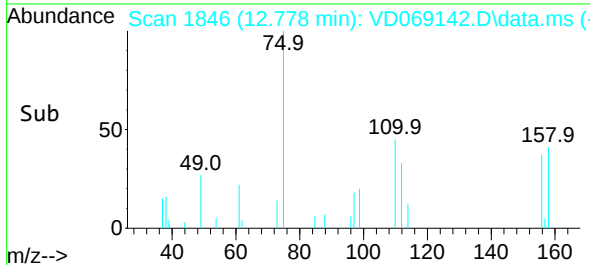
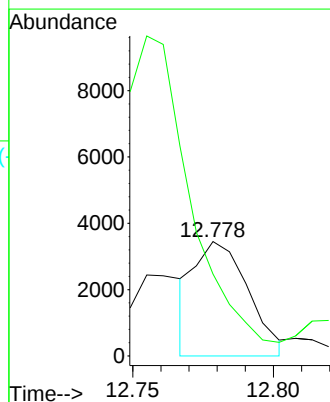
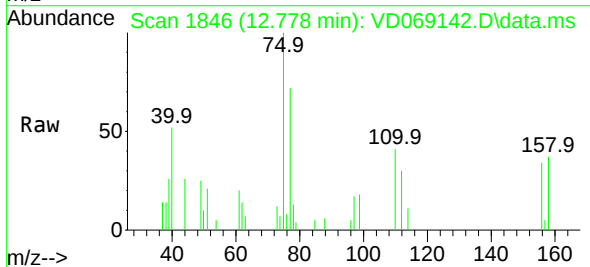
Manual Integrations
APPROVED

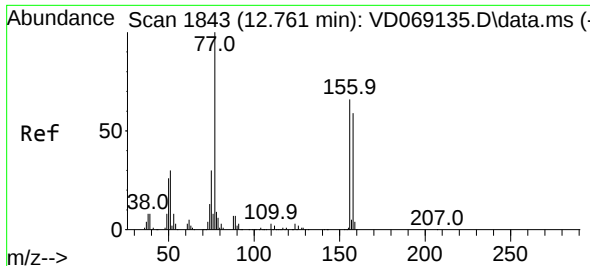
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#76
1,2,3-Trichloropropane
Concen: 2.93 ug/l m
RT: 12.778 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





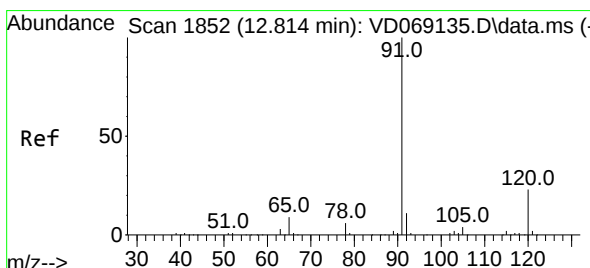
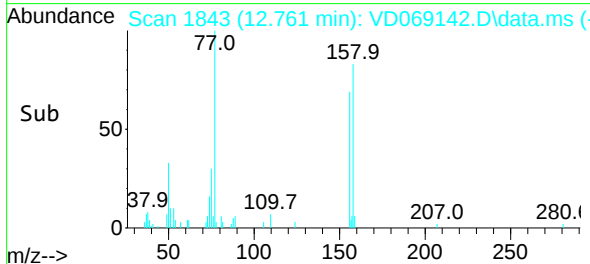
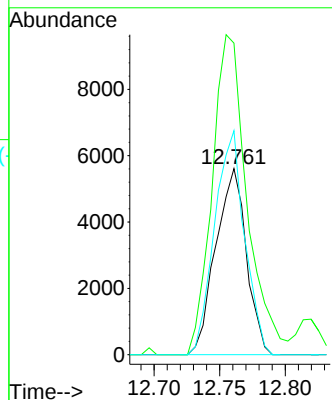
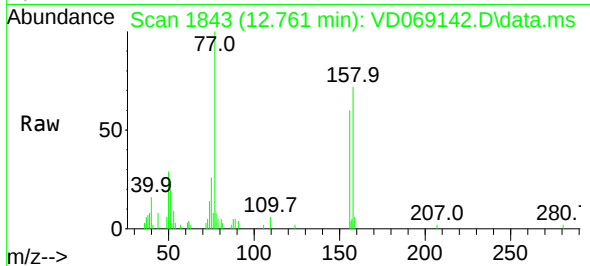
#77
Bromobenzene
Concen: 2.65 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion	Ratio	Lower	Upper
156	100		
77	196.1	85.8	257.3
158	118.0	47.8	143.4

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

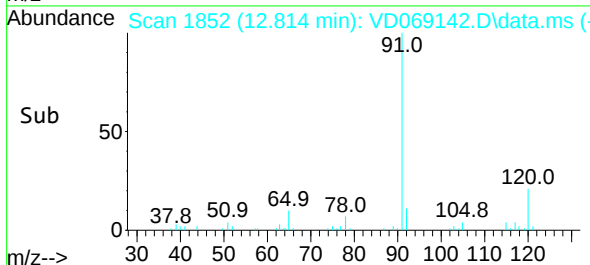
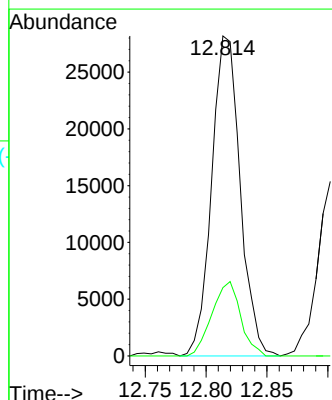
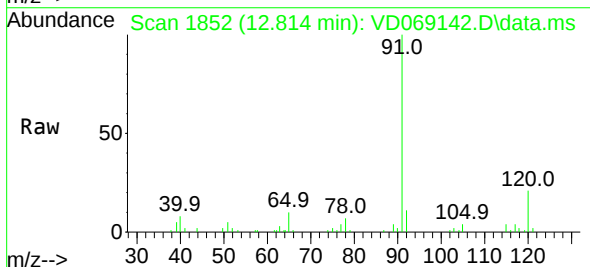
Manual Integrations
APPROVED

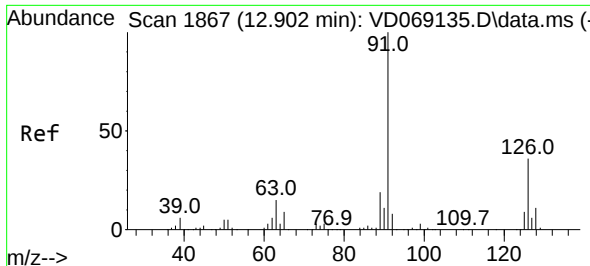
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#78
n-propylbenzene
Concen: 2.62 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.6	34.7





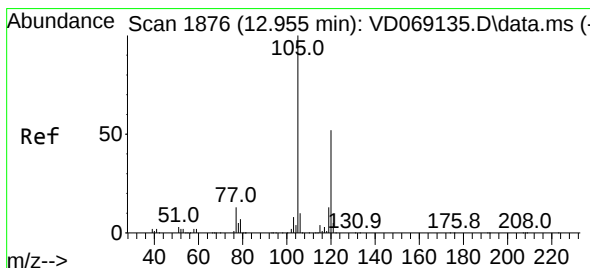
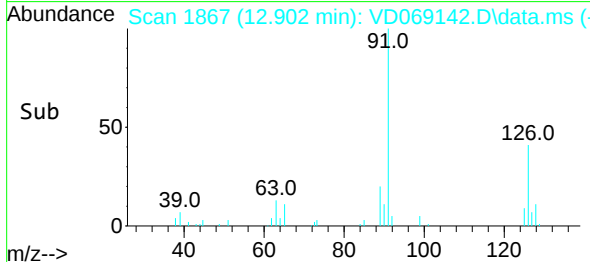
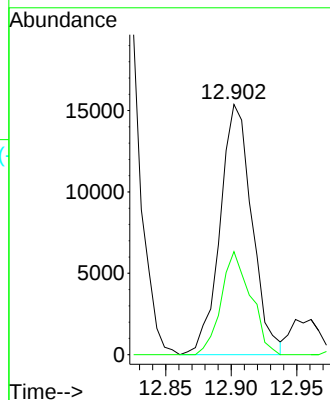
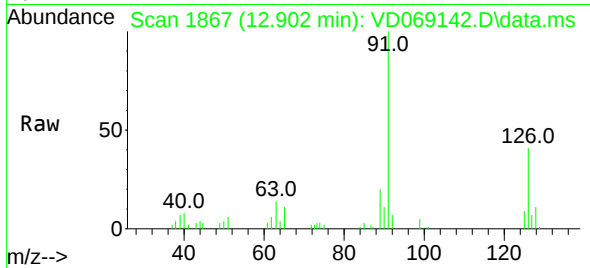
#79
2-Chlorotoluene
Concen: 2.67 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion: 91 Resp: 26046
Ion Ratio Lower Upper
91 100
126 38.2 18.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

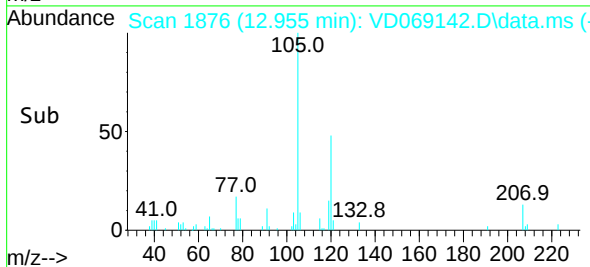
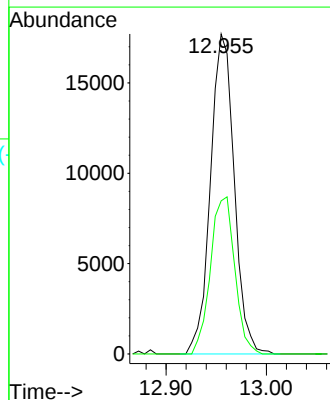
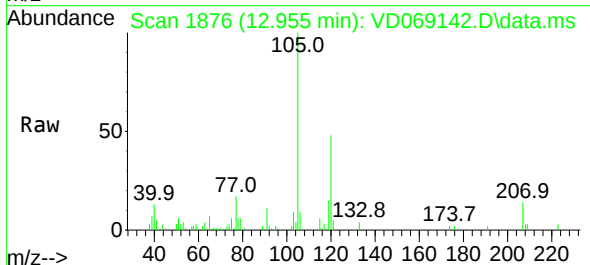
Manual Integrations
APPROVED

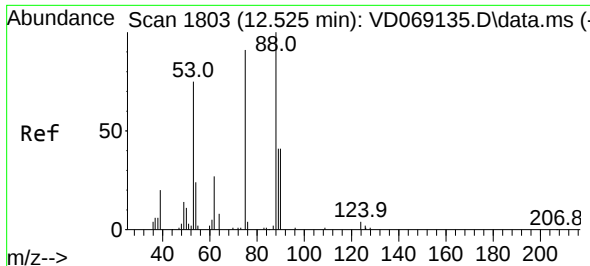
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#80
1,3,5-Trimethylbenzene
Concen: 2.43 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

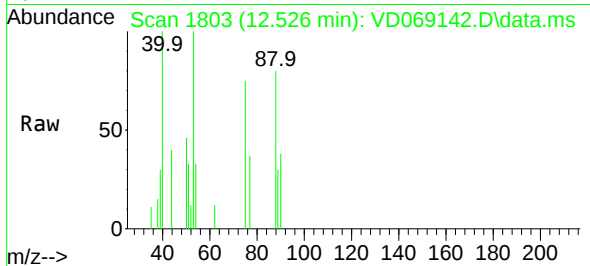
Tgt Ion: 105 Resp: 29102
Ion Ratio Lower Upper
105 100
120 50.3 25.3 75.8





#81
trans-1,4-Dichloro-2-butene
Concen: 2.54 ug/l m
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

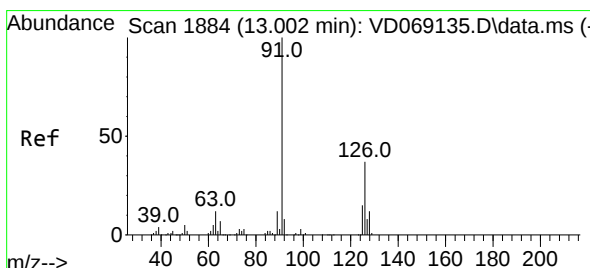
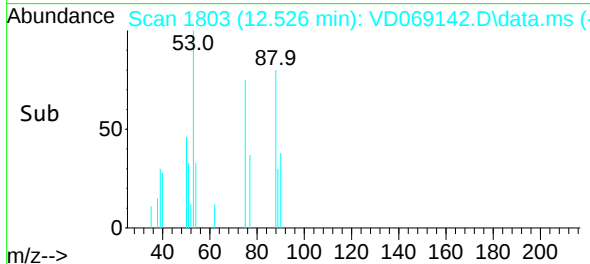
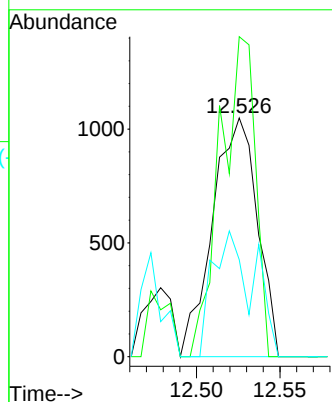
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion	Ratio	Lower	Upper
75	100		
53	4.2	70.0	105.0#
89	9.8	40.2	60.2#

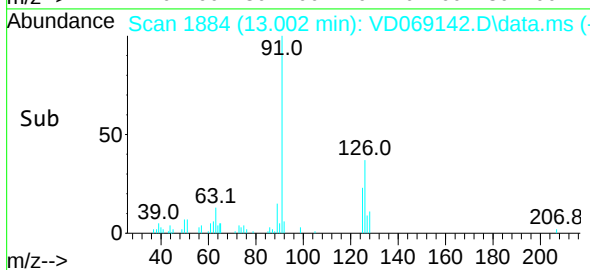
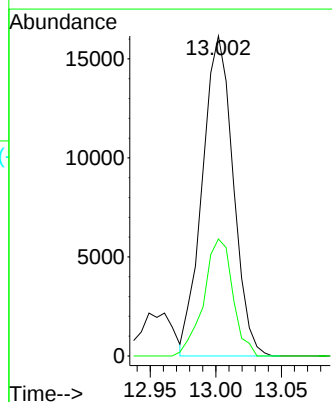
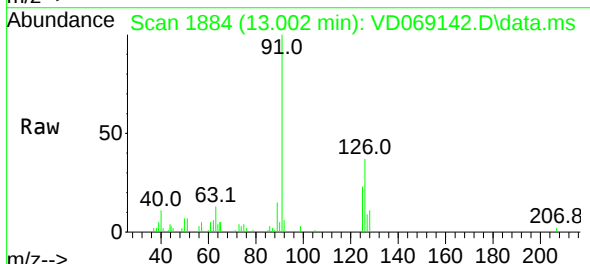
Manual Integrations
APPROVED

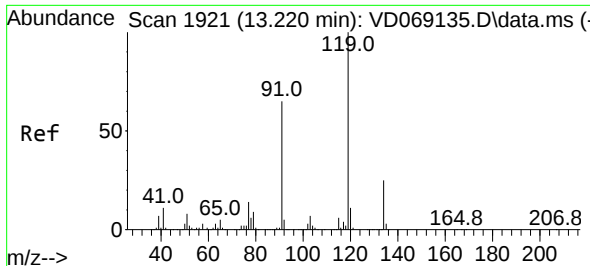
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#82
4-Chlorotoluene
Concen: 2.55 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

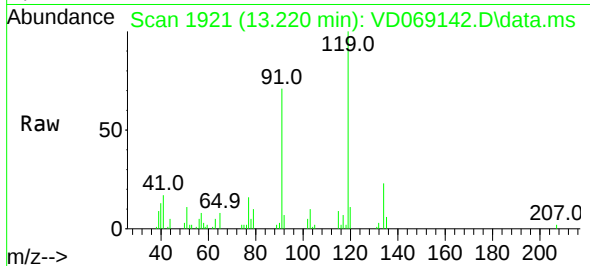
Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.7	53.1





#83
tert-Butylbenzene
Concen: 2.38 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

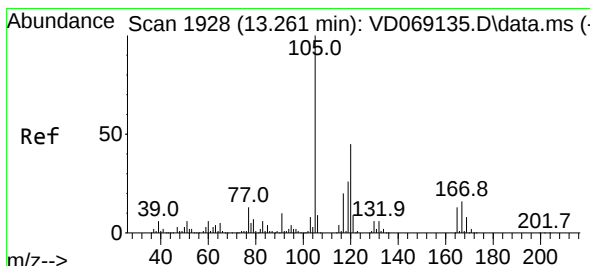
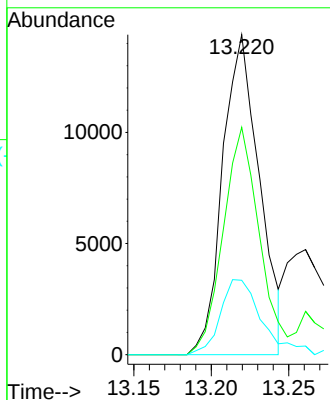
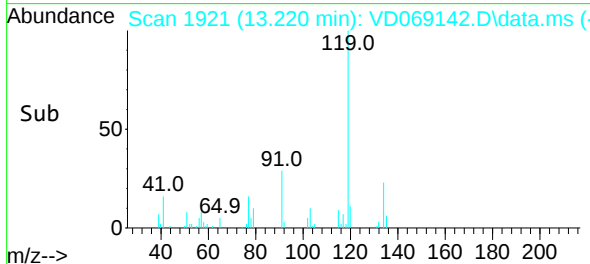
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



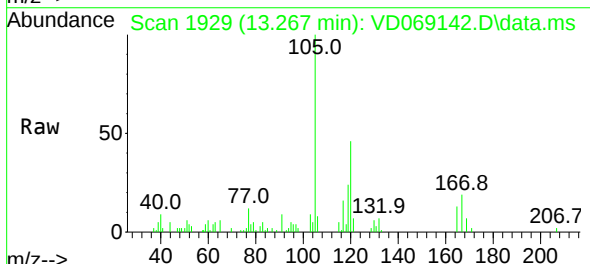
Tgt Ion	Ratio	Lower	Upper
119	100		
91	69.8	32.5	97.4
134	27.0	13.8	41.3

Manual Integrations
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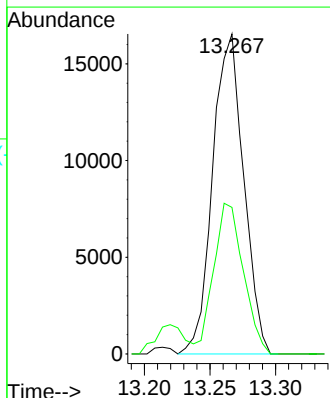
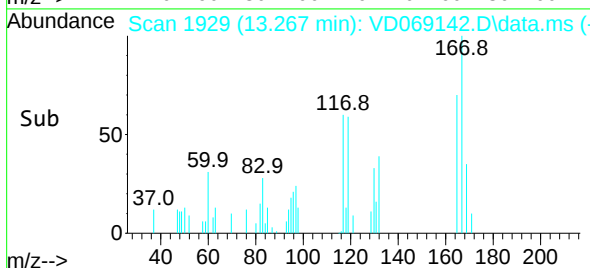
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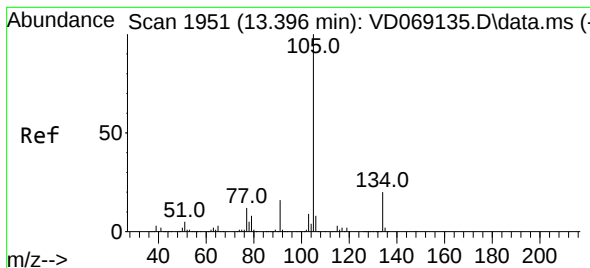


#84
1,2,4-Trimethylbenzene
Concen: 2.26 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



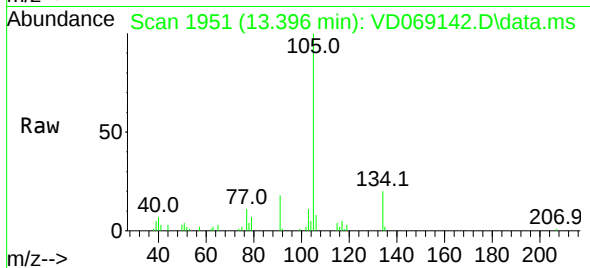
Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.8	68.4





#85
 sec-Butylbenzene
 Concen: 2.35 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD069142.D
 Acq: 12 May 2021 17:59

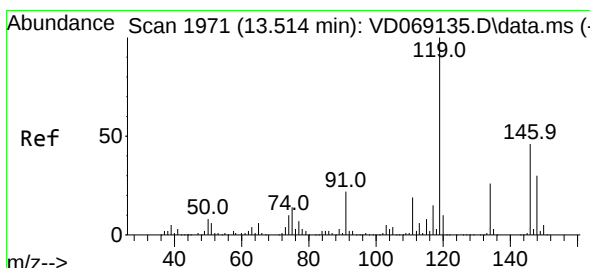
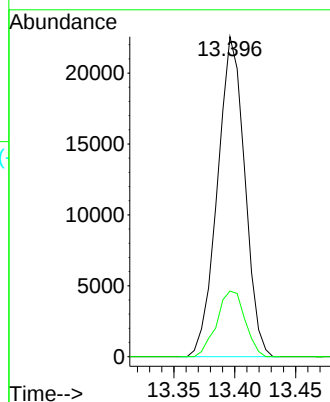
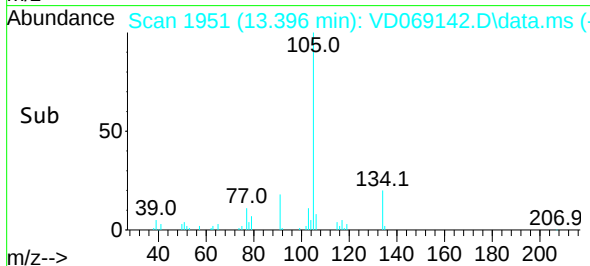
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021



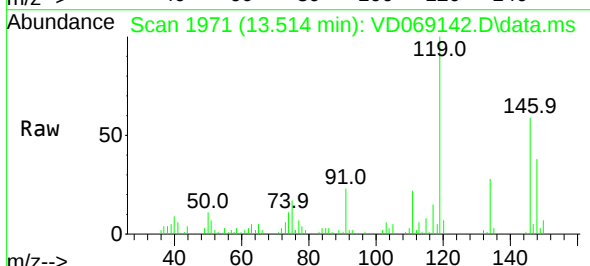
Tgt Ion:105 Resp: 35234
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.3 30.8

Manual Integrations
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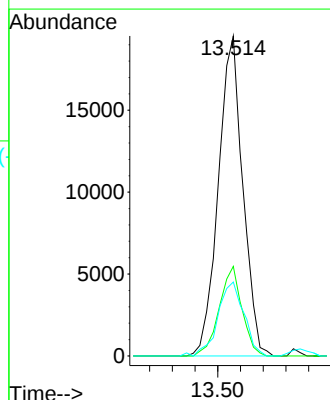
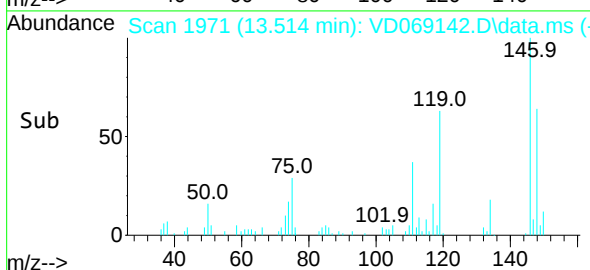
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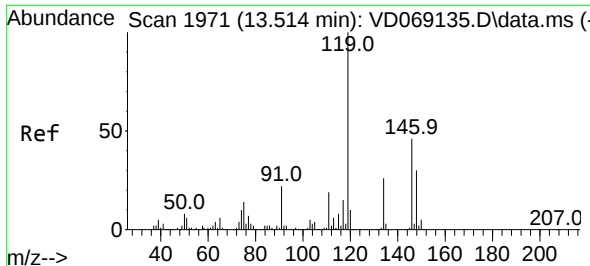


#86
 p-Isopropyltoluene
 Concen: 2.22 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD069142.D
 Acq: 12 May 2021 17:59



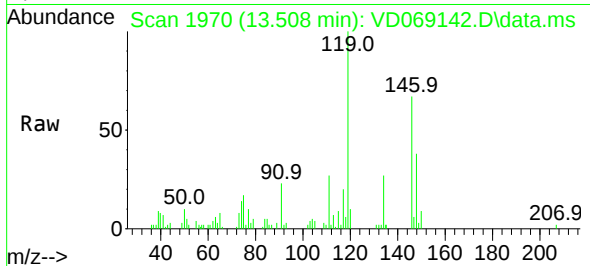
Tgt Ion:119 Resp: 29223
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 24.6 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 2.80 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

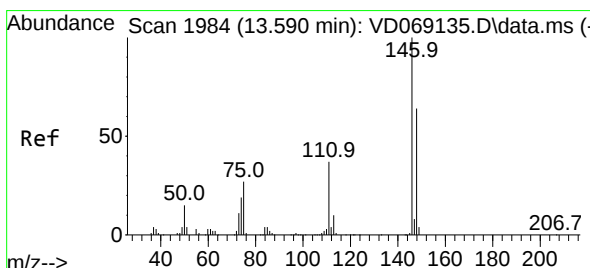
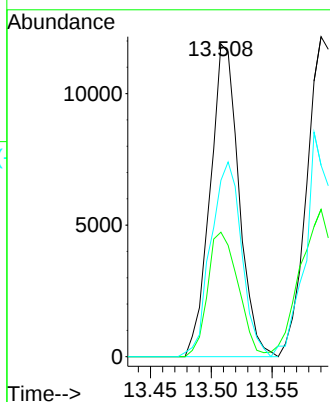
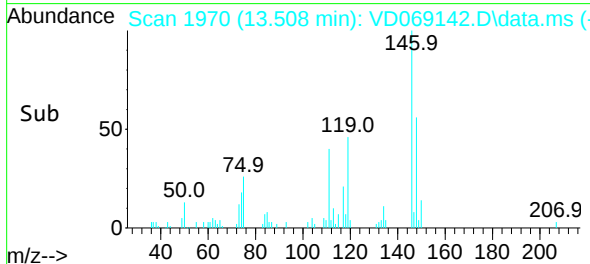
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



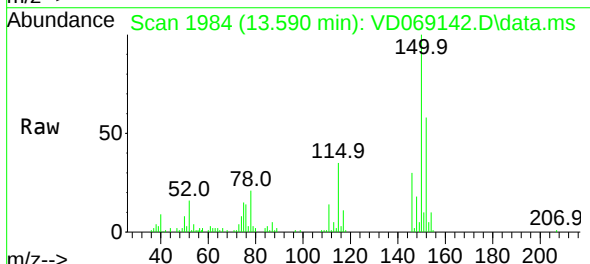
Tgt Ion:146 Resp: 19522
Ion Ratio Lower Upper
146 100
111 42.2 19.9 59.6
148 66.7 31.6 94.8

Manual Integrations
APPROVED

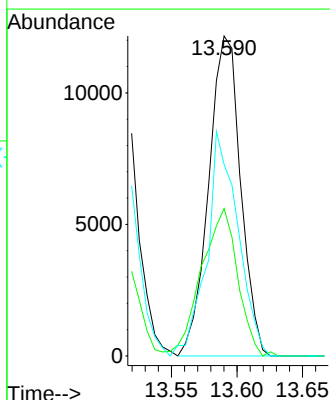
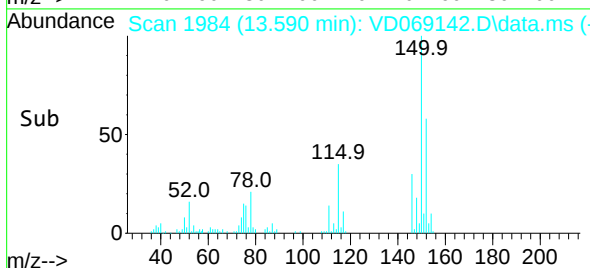
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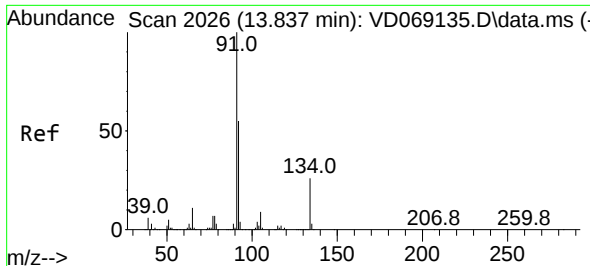


#88
1,4-Dichlorobenzene
Concen: 2.99 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



Tgt Ion:146 Resp: 20622
Ion Ratio Lower Upper
146 100
111 52.2 19.4 58.2
148 68.1 32.4 97.0





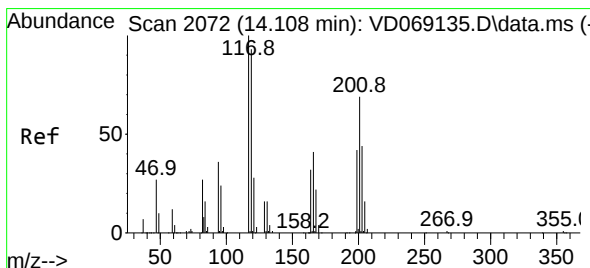
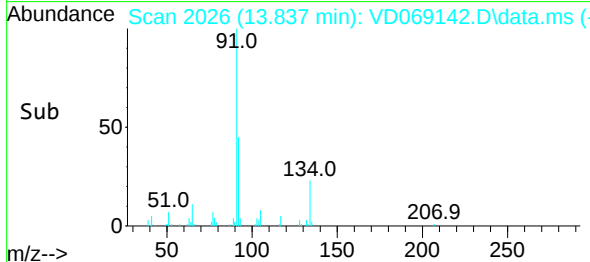
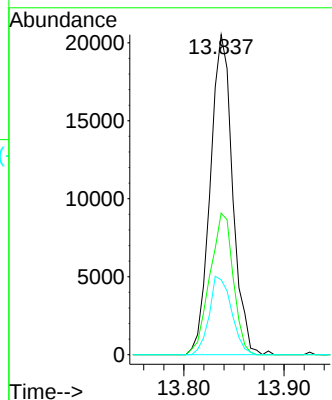
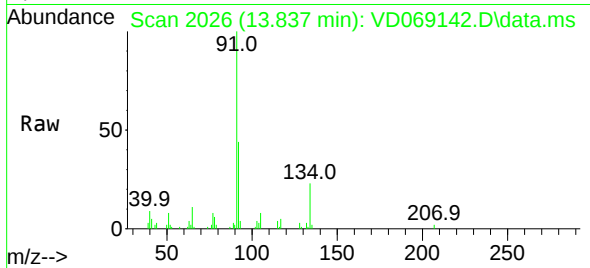
#89
n-Butylbenzene
Concen: 2.59 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion:	91	Resp:	31804
Ion Ratio	Lower	Upper	
91	100		
92	46.0	26.5	79.5
134	24.4	13.0	39.0

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

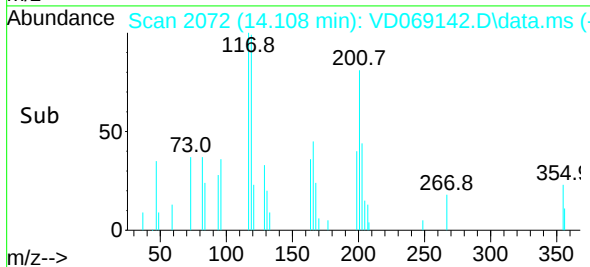
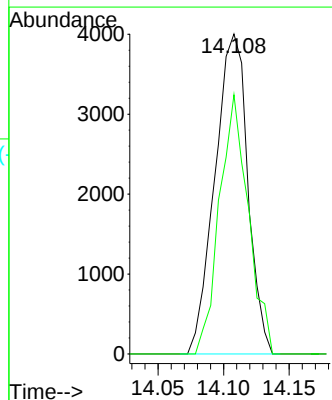
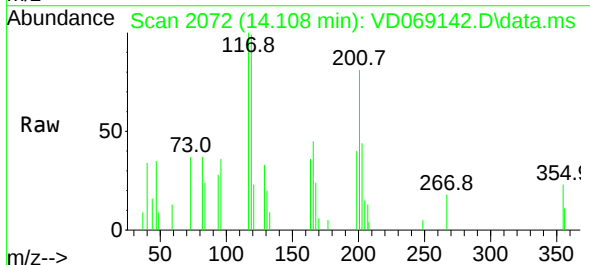
Manual Integrations
APPROVED

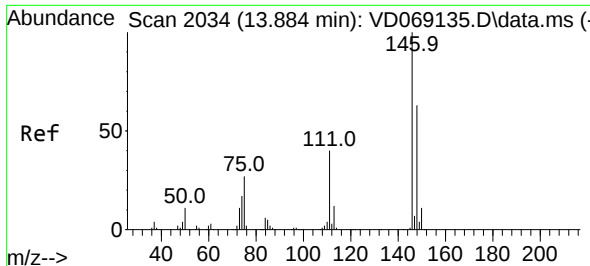
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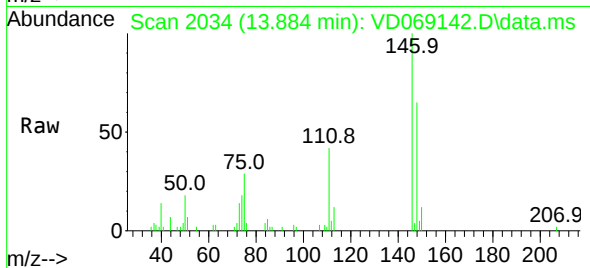
#90
Hexachloroethane
Concen: 2.83 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

Tgt Ion:	117	Resp:	6974
Ion Ratio	Lower	Upper	
117	100		
201	71.1	35.4	106.1

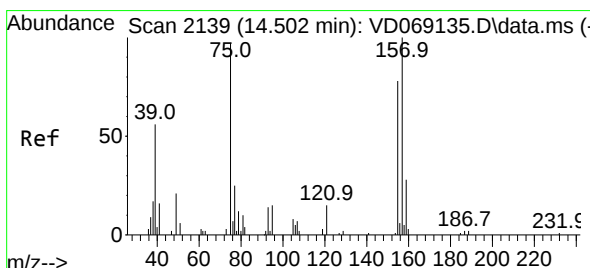
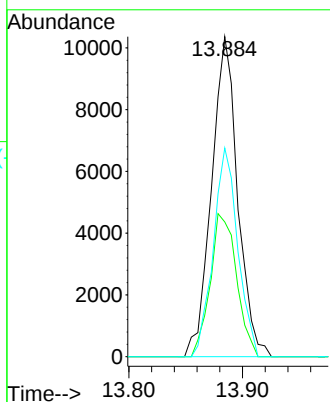
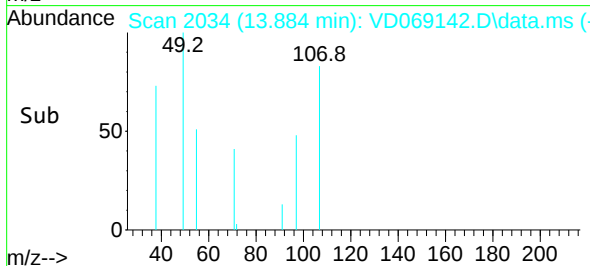




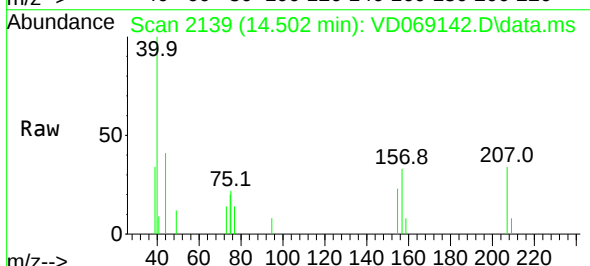
#91
1,2-Dichlorobenzene
Concen: 2.77 ug/l
RT: 13.884 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



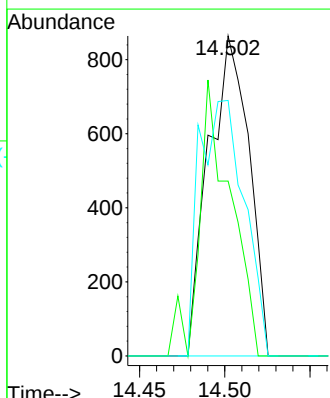
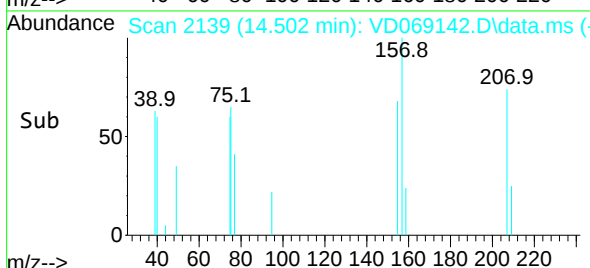
Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.0	20.3	61.0
148	61.1	31.3	93.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.47 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



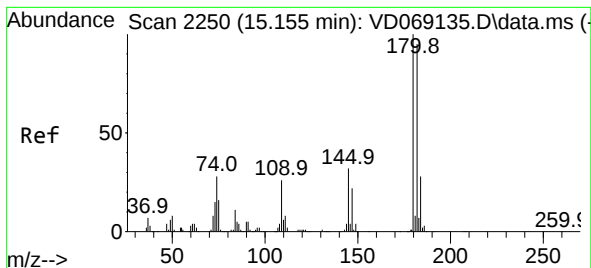
Tgt Ion	Ratio	Lower	Upper
75	100		
155	67.2	43.9	131.7
157	89.3	54.9	164.7



Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

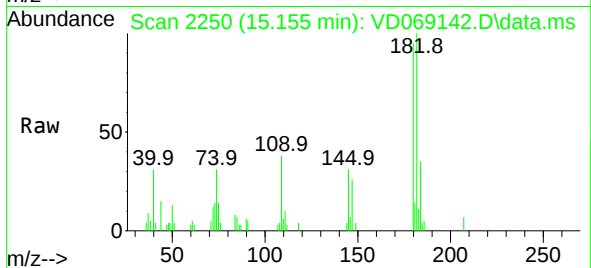
Manual Integrations
APPROVED

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5/13/2021 4:06:05 PM



#93
1,2,4-Trichlorobenzene
Concen: 2.87 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

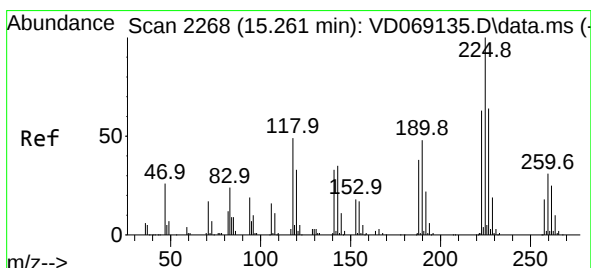
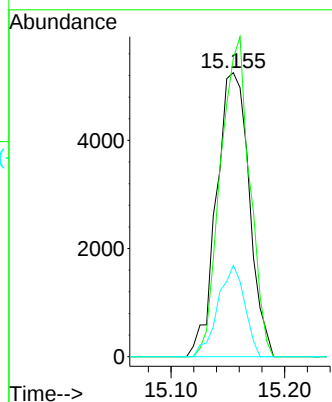
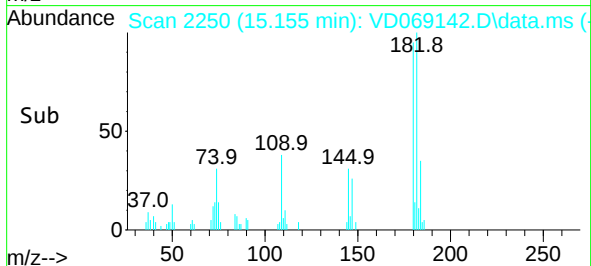
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



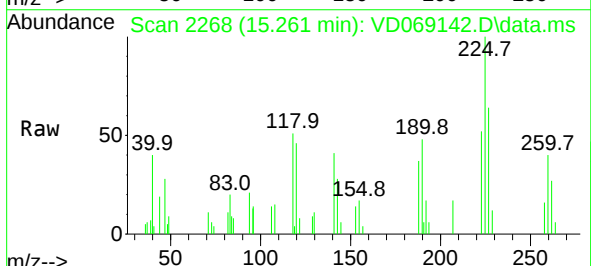
Tgt Ion:180 Resp: 10514
Ion Ratio Lower Upper
180 100
182 100.1 47.8 143.3
145 26.2 15.6 46.8

Manual Integrations
APPROVED

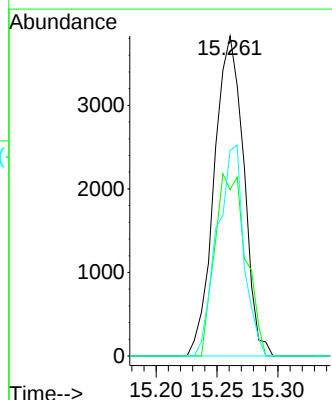
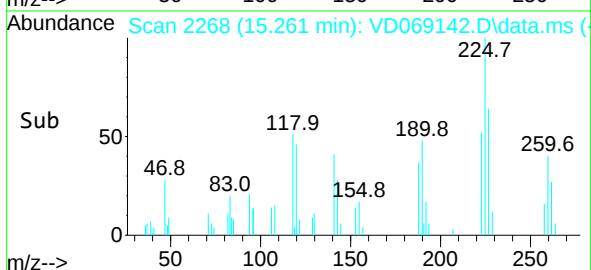
MMDadoda
5/13/2021 4:06:05 PM

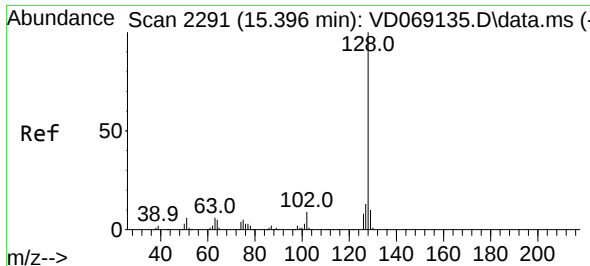


#94
Hexachlorobutadiene
Concen: 2.93 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59

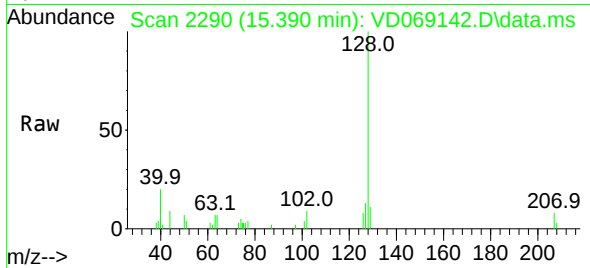


Tgt Ion:225 Resp: 6455
Ion Ratio Lower Upper
225 100
223 59.9 31.1 93.5
227 59.7 31.6 95.0

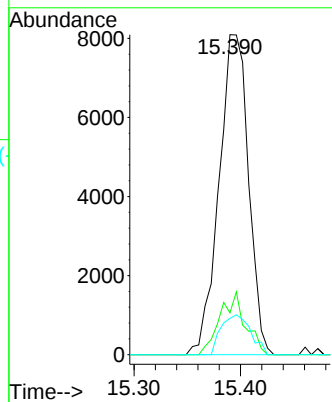
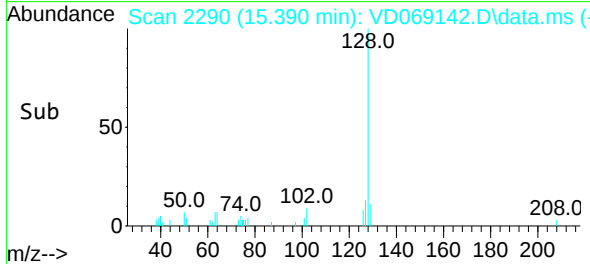




#95
Naphthalene
Concen: 2.54 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



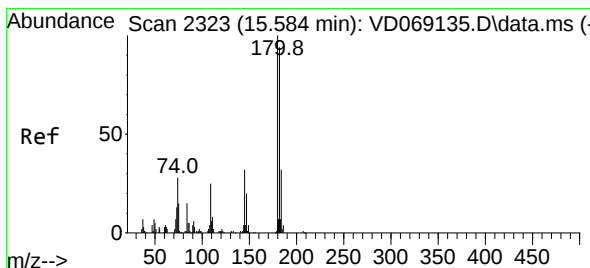
Tgt Ion	Ratio	Lower	Upper
128	100		
127	16.9	10.5	15.7#
129	12.4	8.9	13.3



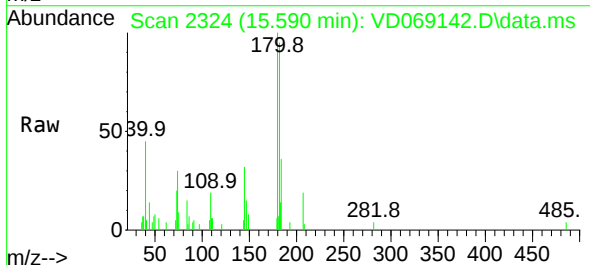
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:06:05 PM



#96
1,2,3-Trichlorobenzene
Concen: 2.74 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.006 min
Lab File: VD069142.D
Acq: 12 May 2021 17:59



Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	47.8	143.4
145	32.7	16.1	48.3

