

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
 Data File : VD068637.D
 Acq On : 17 Mar 2021 14:57
 Operator : VA/SY
 Sample : M1458-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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Quant Time: Mar 18 01:29:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 18 01:28:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	222551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	390907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	365699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	196501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	115752	52.06	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.12%			
35) Dibromofluoromethane	7.920	113	119040	50.55	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.10%			
50) Toluene-d8	10.343	98	444510	47.39	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.78%			
62) 4-Bromofluorobenzene	12.631	95	151735	50.20	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.40%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	9918	4.59	ug/l	87
3) Chloromethane	2.208	50	13388	4.91	ug/l	98
4) Vinyl Chloride	2.350	62	15497	4.78	ug/l	97
5) Bromomethane	2.773	94	12761	5.53	ug/l	85
6) Chloroethane	2.920	64	9520	4.54	ug/l	94
7) Trichlorofluoromethane	3.267	101	17892	4.84	ug/l	91
8) Diethyl Ether	3.714	74	5121	4.65	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.102	101	11367	5.05	ug/l	94
10) Methyl Iodide	4.297	142	9364	3.91	ug/l #	69
11) Tert butyl alcohol	5.232	59	4425m	37.27	ug/l	
12) 1,1-Dichloroethene	4.067	96	10238	4.58	ug/l #	78
13) Acrolein	3.932	56	2879	16.97	ug/l	93
14) Allyl chloride	4.720	41	12083	4.19	ug/l #	82
15) Acrylonitrile	5.426	53	11623	25.02	ug/l #	71
16) Acetone	4.161	43	9294	26.31	ug/l #	86
17) Carbon Disulfide	4.414	76	34555	4.72	ug/l	99
18) Methyl Acetate	4.714	43	4898	5.38	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	25311	5.22	ug/l	94
20) Methylene Chloride	4.967	84	22357	7.46	ug/l	95
21) trans-1,2-Dichloroethene	5.479	96	15021	5.63	ug/l	88
22) Diisopropyl ether	6.361	45	26393	4.15	ug/l #	92
23) Vinyl Acetate	6.308	43	63966m	19.40	ug/l	
24) 1,1-Dichloroethane	6.267	63	20722	4.76	ug/l	93
25) 2-Butanone	7.220	43	12410	24.44	ug/l	100
26) 2,2-Dichloropropane	7.208	77	17808	4.91	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	13962	4.77	ug/l	96
28) Bromochloromethane	7.549	49	8387	4.93	ug/l	90
29) Tetrahydrofuran	7.567	42	6941	21.05	ug/l	95
30) Chloroform	7.714	83	22375	4.86	ug/l	87
31) Cyclohexane	7.985	56	20790	5.14	ug/l #	90
32) 1,1,1-Trichloroethane	7.908	97	19544	4.98	ug/l	95
36) 1,1-Dichloropropene	8.114	75	16027	4.31	ug/l	95
37) Ethyl Acetate	7.291	43	6017	4.88	ug/l #	78
38) Carbon Tetrachloride	8.102	117	15520	4.45	ug/l	98
39) Methylcyclohexane	9.361	83	19224	4.19	ug/l	91
40) Benzene	8.355	78	50109	4.70	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	3031	4.24	ug/l #	91
42) 1,2-Dichloroethane	8.420	62	13323	4.75	ug/l	99
43) Isopropyl Acetate	8.449	43	10497	4.63	ug/l	97
44) Trichloroethene	9.114	130	13434	4.59	ug/l	99
45) 1,2-Dichloropropane	9.390	63	11859	4.65	ug/l #	86
46) Dibromomethane	9.479	93	6759	4.88	ug/l	92
47) Bromodichloromethane	9.667	83	16573	4.62	ug/l	98
48) Methyl methacrylate	9.455	41	5513	4.56	ug/l #	93
49) 1,4-Dioxane	9.461	88	1676	106.02	ug/l #	77
51) 4-Methyl-2-Pentanone	10.226	43	25058	21.13	ug/l	97
52) Toluene	10.402	92	31040	4.56	ug/l	94
53) t-1,3-Dichloropropene	10.626	75	15359	4.63	ug/l	90
54) cis-1,3-Dichloropropene	10.096	75	18580	4.60	ug/l #	91
55) 1,1,2-Trichloroethane	10.802	97	9362	4.88	ug/l	92
56) Ethyl methacrylate	10.661	69	8729	3.96	ug/l	95
57) 1,3-Dichloropropane	10.943	76	15808	4.72	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.943	63	24714	22.34	ug/l	94
59) 2-Hexanone	10.984	43	16814	21.27	ug/l	97
60) Dibromochloromethane	11.143	129	11732	4.94	ug/l	98
61) 1,2-Dibromoethane	11.243	107	9144	4.87	ug/l	94
64) Tetrachloroethene	10.873	164	11637	4.87	ug/l	95
65) Chlorobenzene	11.673	112	34912	4.69	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.743	131	12367	4.78	ug/l	98
67) Ethyl Benzene	11.743	91	56237	4.23	ug/l	100
68) m/p-Xylenes	11.855	106	42846	8.49	ug/l	99
69) o-Xylene	12.178	106	18853	4.05	ug/l	98
70) Styrene	12.196	104	33091	4.16	ug/l	97
71) Bromoform	12.361	173	6722	5.11	ug/l #	89
73) Isopropylbenzene	12.478	105	52340	3.59	ug/l	98
74) N-amyl acetate	12.284	43	8806	3.55	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.731	83	11069	4.41	ug/l	97
76) 1,2,3-Trichloropropane	12.784	75	7393m	4.24	ug/l	
77) Bromobenzene	12.755	156	14143	4.25	ug/l	95
78) n-propylbenzene	12.820	91	69216	3.97	ug/l	100
79) 2-Chlorotoluene	12.902	91	39627	4.10	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	47705	3.99	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	3099	4.15	ug/l	100
82) 4-Chlorotoluene	13.002	91	41873	4.12	ug/l	99
83) tert-Butylbenzene	13.220	119	39688	3.90	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	44112	3.69	ug/l	99
85) sec-Butylbenzene	13.402	105	56125	3.91	ug/l	98
86) p-Isopropyltoluene	13.514	119	50786	3.89	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	29392	4.58	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	29387	4.62	ug/l	95
89) n-Butylbenzene	13.837	91	50329	4.00	ug/l	97
90) Hexachloroethane	14.108	117	10285	3.97	ug/l	90
91) 1,2-Dichlorobenzene	13.884	146	26485	4.81	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.496	75	2256	5.10	ug/l	63
93) 1,2,4-Trichlorobenzene	15.161	180	16896	3.97	ug/l	93
94) Hexachlorobutadiene	15.267	225	9792	4.15	ug/l	97
95) Naphthalene	15.396	128	27522	3.57	ug/l	98
96) 1,2,3-Trichlorobenzene	15.590	180	14440	3.92	ug/l	96

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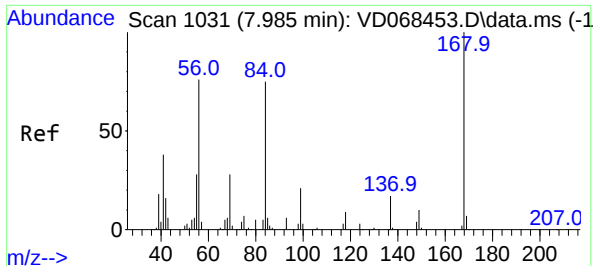
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



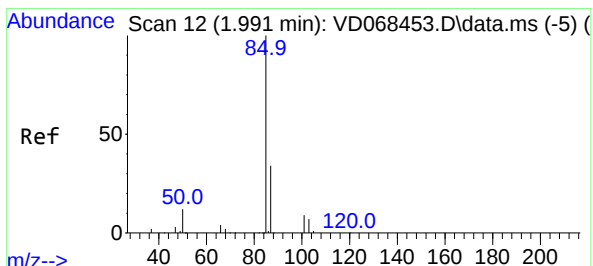
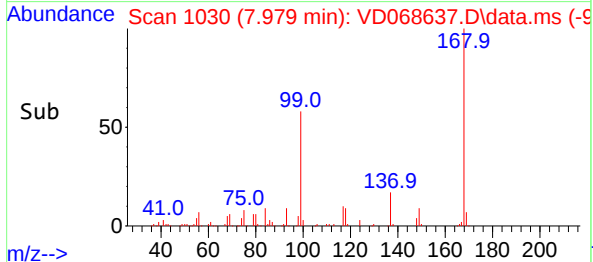
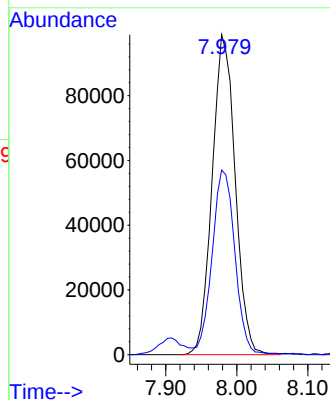
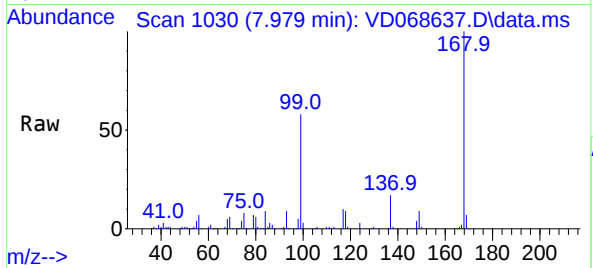
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion: 168 Resp: 222551
Ion Ratio Lower Upper
168 100
99 57.4 43.5 65.3

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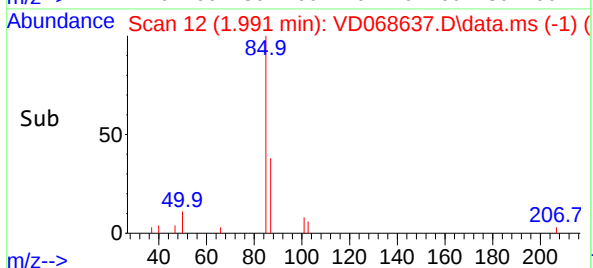
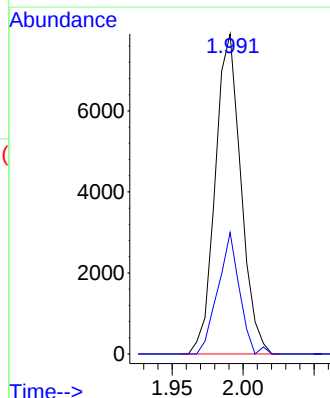
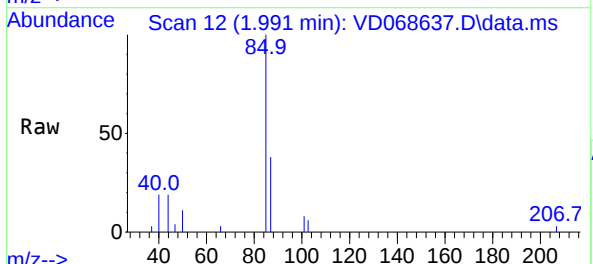
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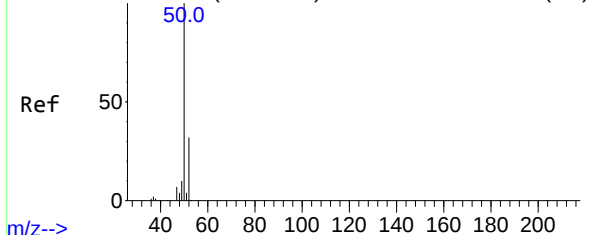


Dichlorodifluoromethane
Concen: 4.59 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion: 85 Resp: 9918
Ion Ratio Lower Upper
85 100
87 38.0 15.4 46.1

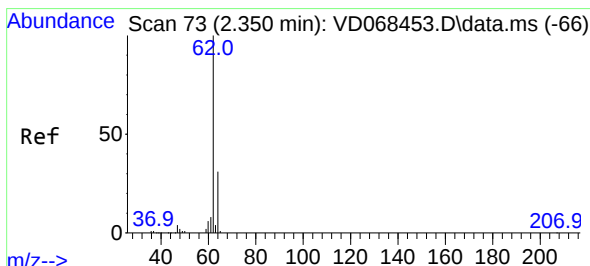
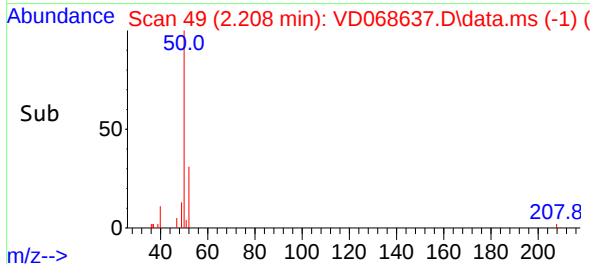
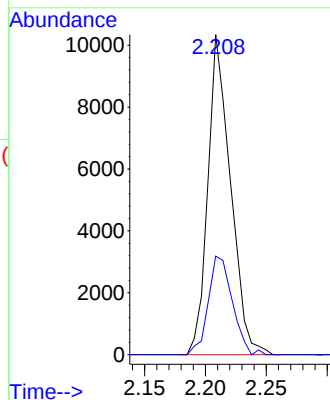
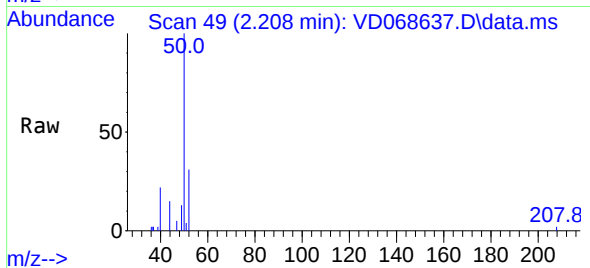


Abundance Scan 49 (2.208 min): VD068453.D\data.ms (-42)



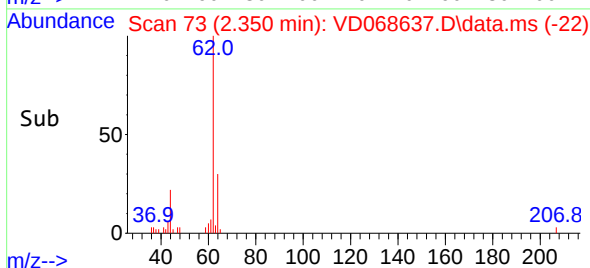
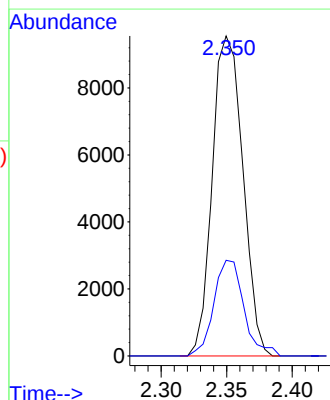
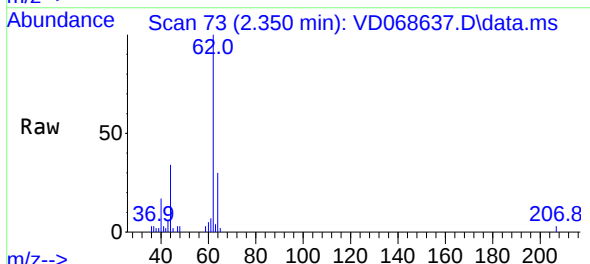
#3
Chloromethane
Concen: 4.91 ug/l
RT: 2.208 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion: 50 Resp: 13388
Ion Ratio Lower Upper
50 100
52 30.8 25.4 38.2



#4
Vinyl Chloride
Concen: 4.78 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

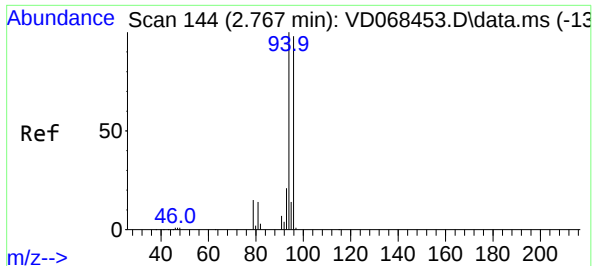
Tgt Ion: 62 Resp: 15497
Ion Ratio Lower Upper
62 100
64 29.9 25.4 38.2



Instrument :
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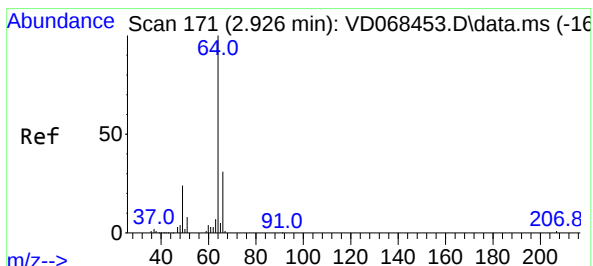
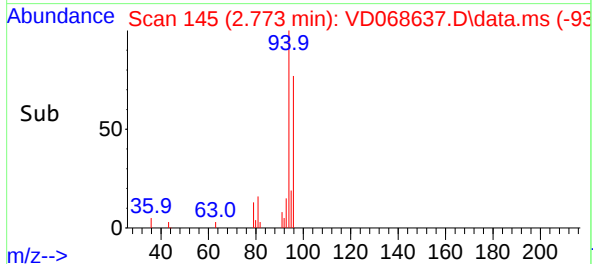
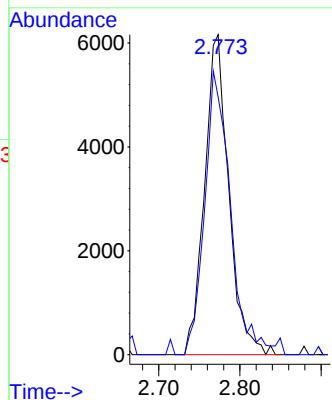
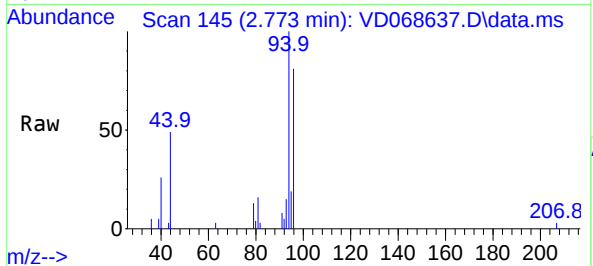
#5
Bromomethane
Concen: 5.53 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion: 94 Resp: 12761
Ion Ratio Lower Upper
94 100
96 80.6 75.8 113.8

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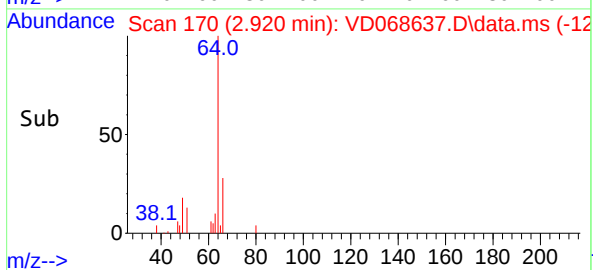
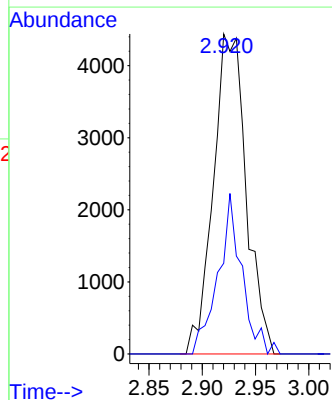
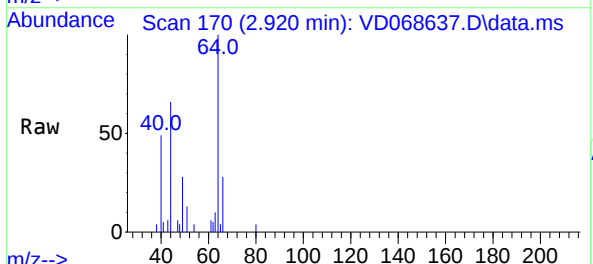
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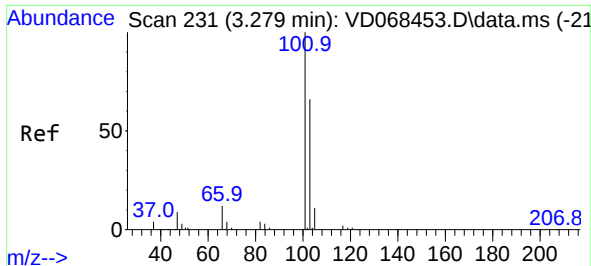
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#6
Chloroethane
Concen: 4.54 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion: 64 Resp: 9520
Ion Ratio Lower Upper
64 100
66 28.4 25.1 37.7





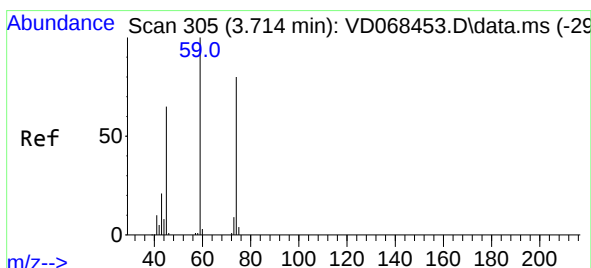
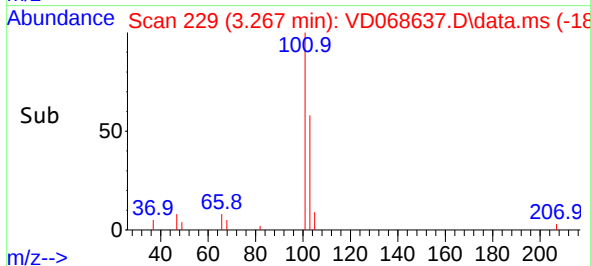
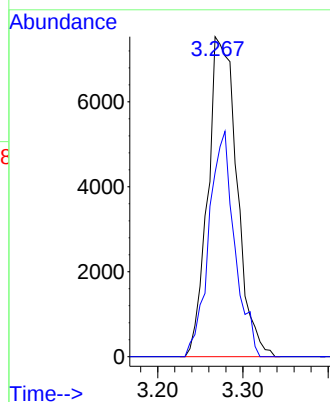
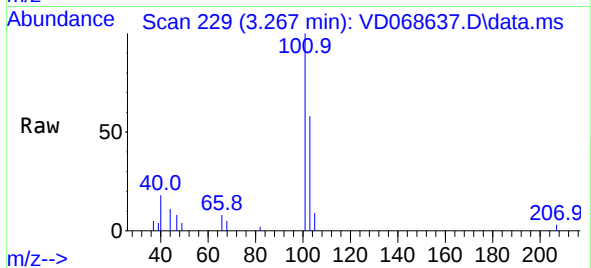
#7
Trichlorofluoromethane
Concen: 4.84 ug/l
RT: 3.267 min Scan# 229
Delta R.T. -0.012 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion:101 Resp: 17892
Ion Ratio Lower Upper
101 100
103 57.5 52.0 78.0

Instrument :
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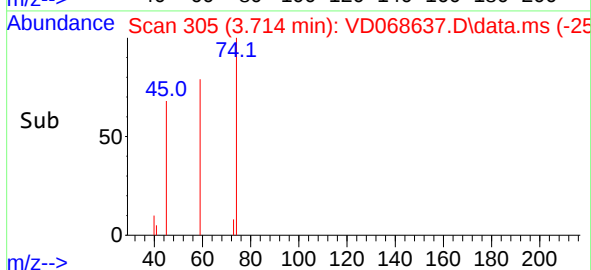
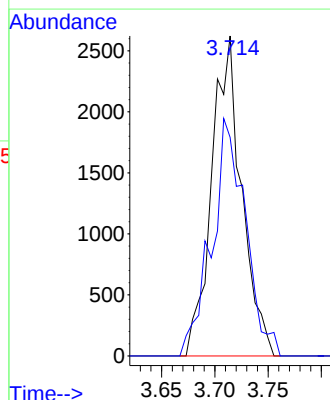
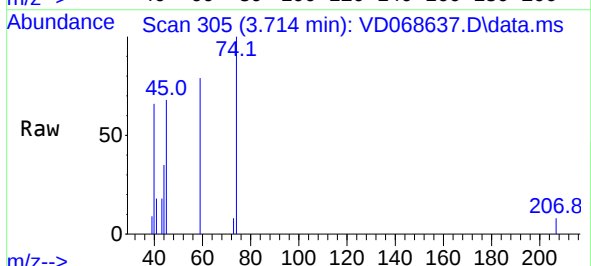
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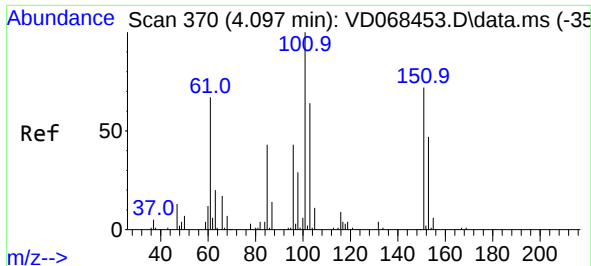
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#8
Diethyl Ether
Concen: 4.65 ug/l
RT: 3.714 min Scan# 305
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion: 74 Resp: 5121
Ion Ratio Lower Upper
74 100
45 83.4 42.1 126.4





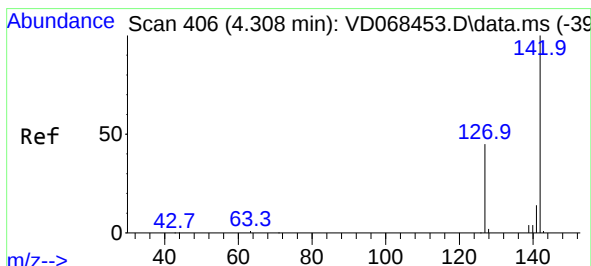
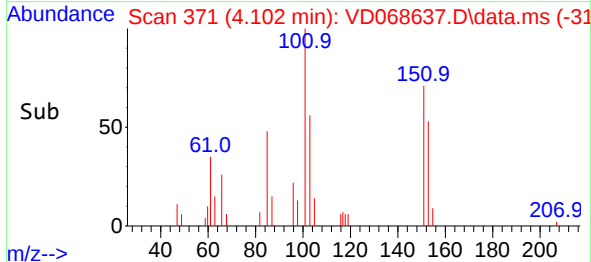
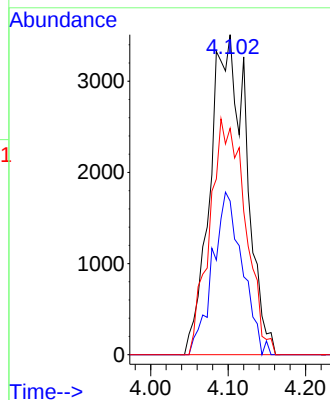
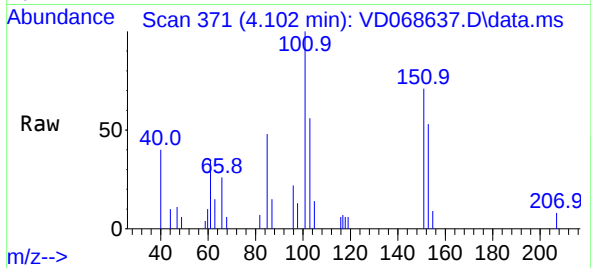
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.05 ug/l
RT: 4.102 min Scan# 371
Delta R.T. 0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion:101 Resp: 11367
Ion Ratio Lower Upper
101 100
85 41.9 34.0 51.0
151 72.7 64.1 96.1

Instrument :
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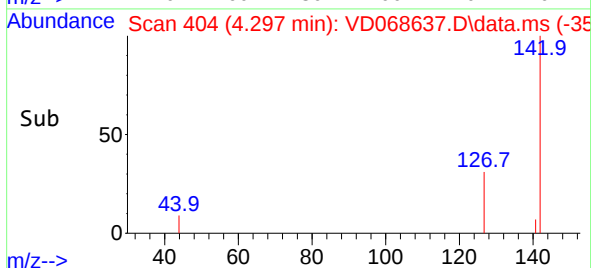
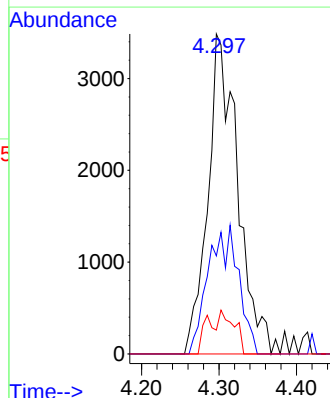
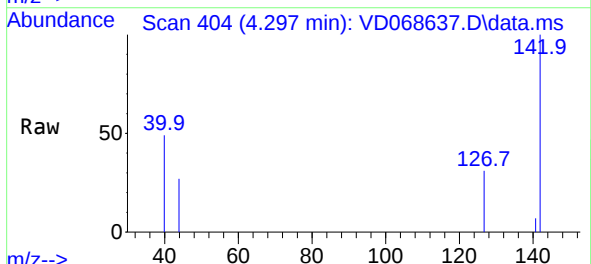
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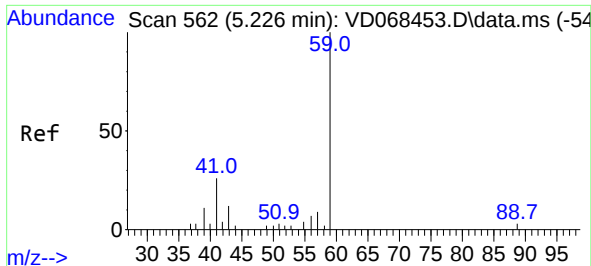
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#10
Methyl Iodide
Concen: 3.91 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion:142 Resp: 9364
Ion Ratio Lower Upper
142 100
127 24.4 37.9 56.9#
141 6.9 11.5 17.3#





#11

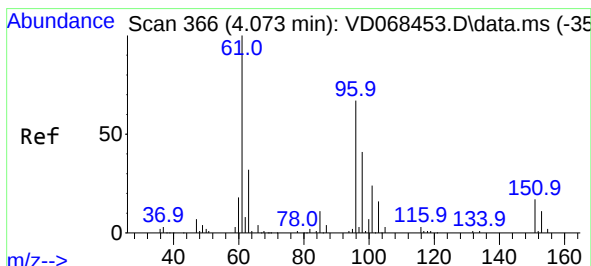
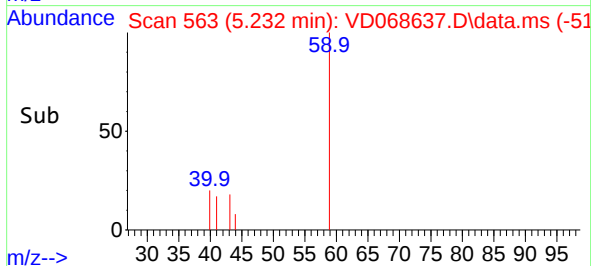
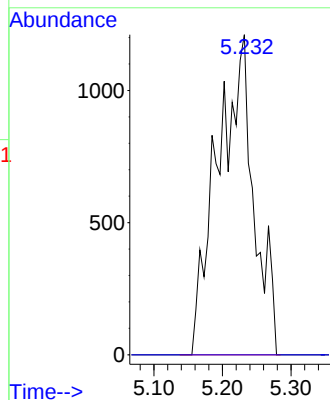
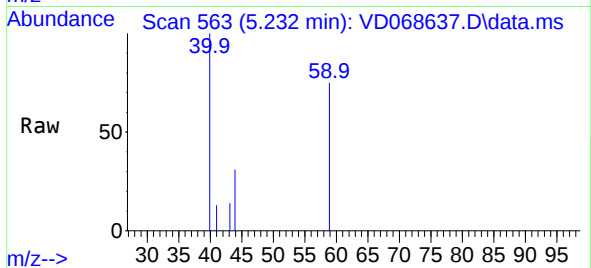
Tert butyl alcohol
Concen: 37.27 ug/l m
RT: 5.232 min Scan# 563
Delta R.T. 0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion: 59 Resp: 4425
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

Instrument :
MSVOA_D
ClientSampleId :
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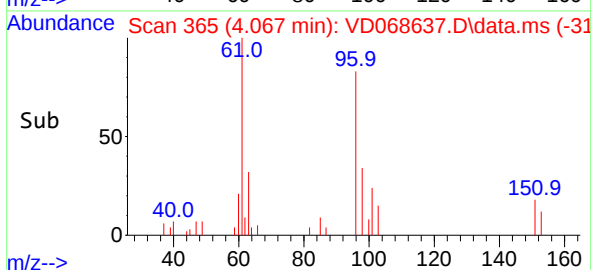
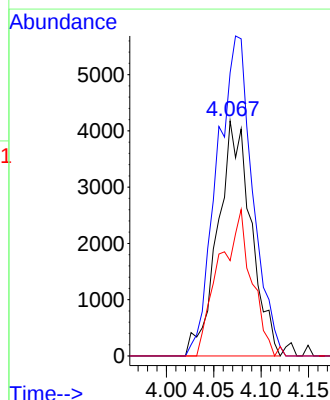
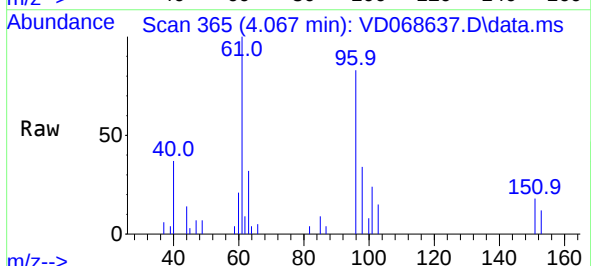
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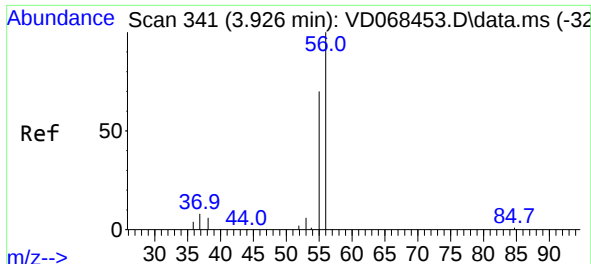


#12

1,1-Dichloroethene
Concen: 4.58 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

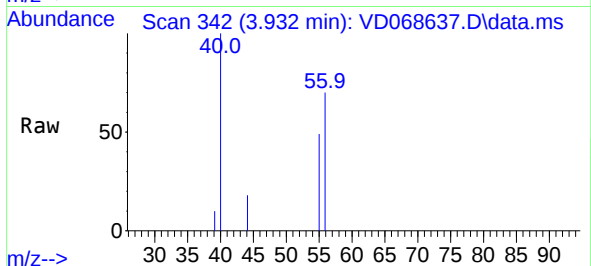
Tgt Ion: 96 Resp: 10238
Ion Ratio Lower Upper
96 100
61 120.5 116.2 174.4
98 40.5 48.6 73.0#





#13
Acrolein
Concen: 16.97 ug/l
RT: 3.932 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

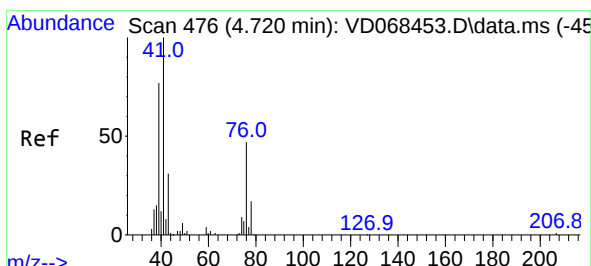
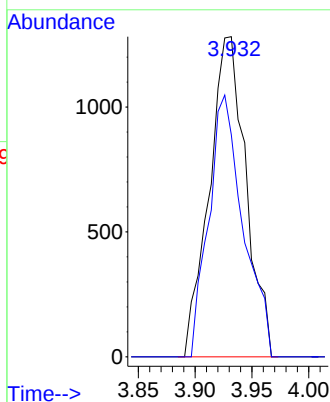
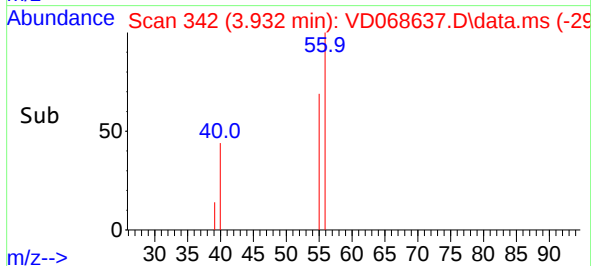
Instrument :
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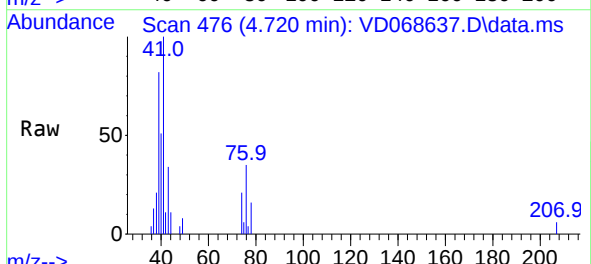
Tgt Ion: 56 Resp: 2879
Ion Ratio Lower Upper
56 100
55 76.7 56.5 84.7

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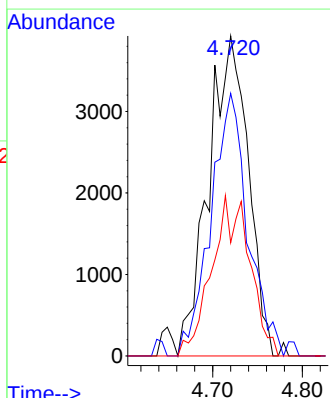
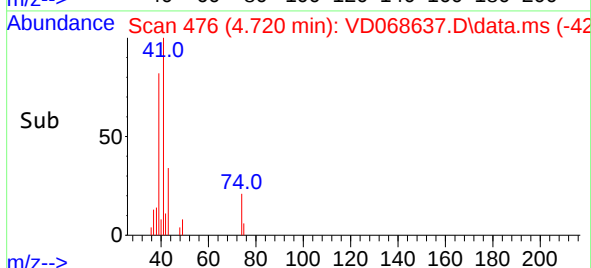
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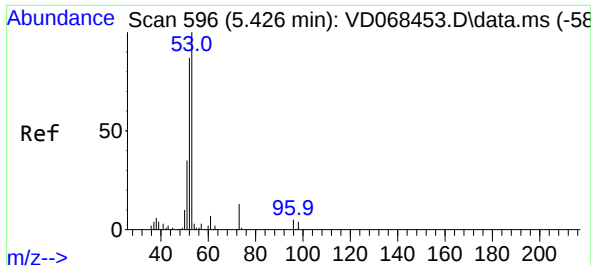


#14
Allyl chloride
Concen: 4.19 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

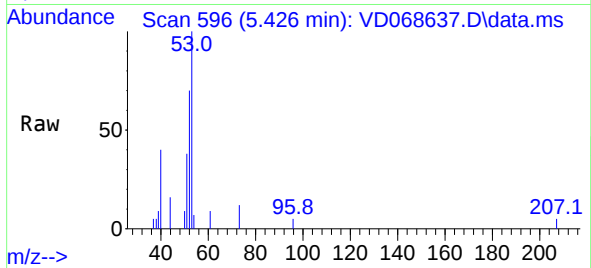


Tgt Ion: 41 Resp: 12083
Ion Ratio Lower Upper
41 100
39 76.4 56.3 84.5
76 25.7 38.9 58.3#

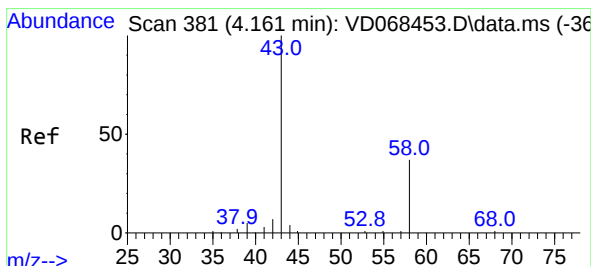
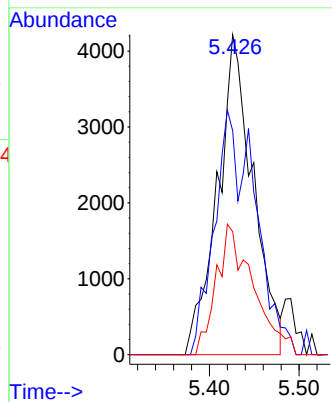
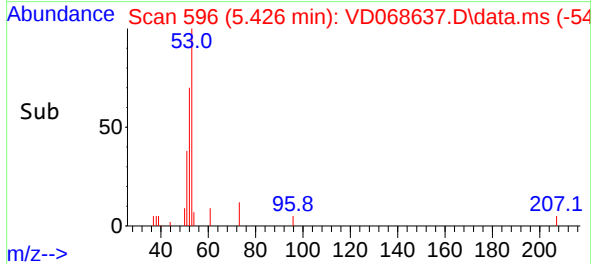




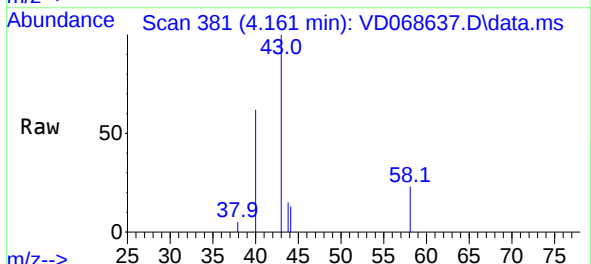
#15
Acrylonitrile
Concen: 25.02 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



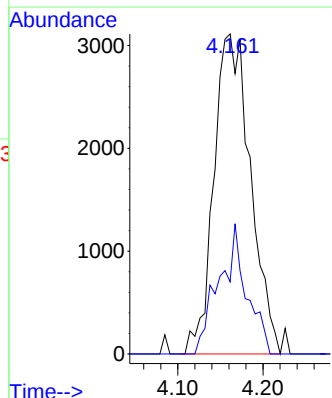
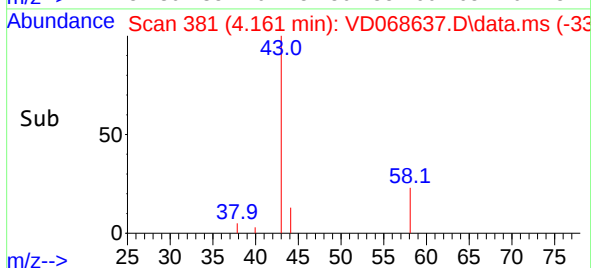
Tgt Ion: 53 Resp: 11623
Ion Ratio Lower Upper
53 100
52 48.8 66.2 99.2#
51 42.3 29.0 43.4



#16
Acetone
Concen: 26.31 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



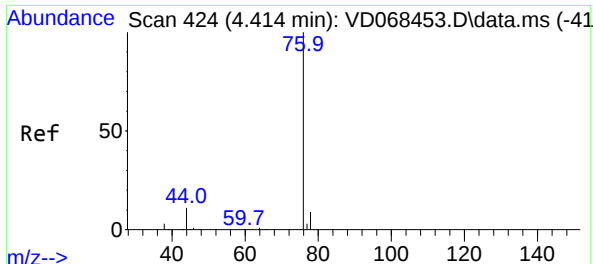
Tgt Ion: 43 Resp: 9294
Ion Ratio Lower Upper
43 100
58 22.6 24.2 36.4#



Instrument :
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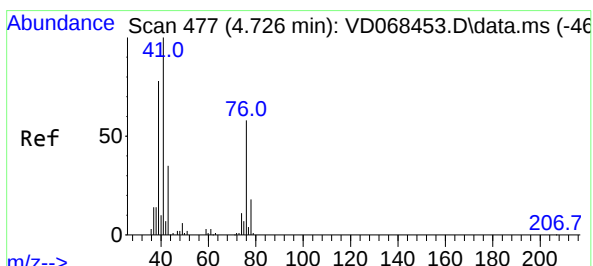
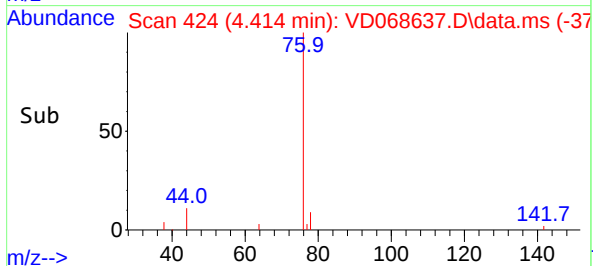
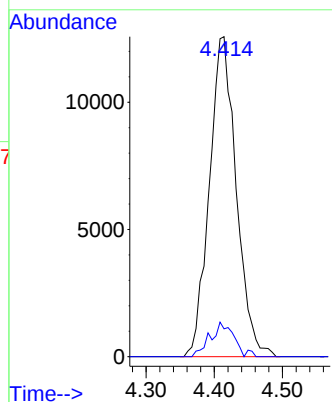
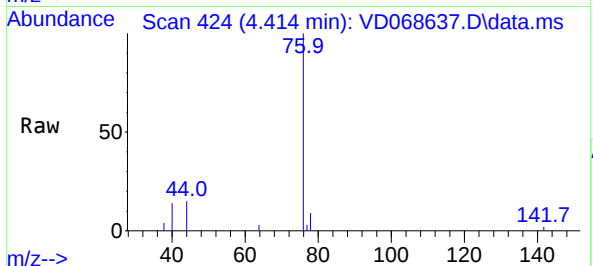
#17
Carbon Disulfide
Concen: 4.72 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion: 76 Resp: 34555
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

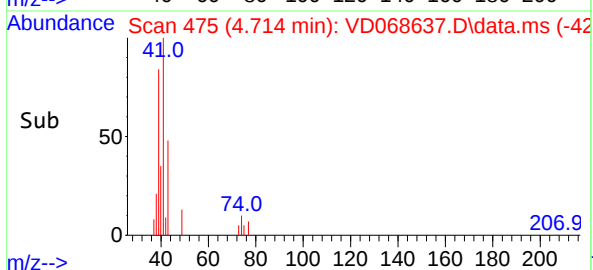
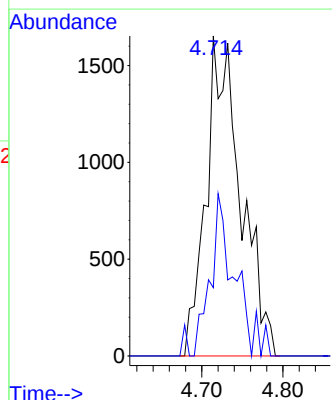
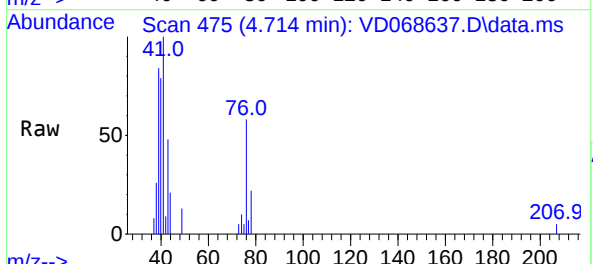
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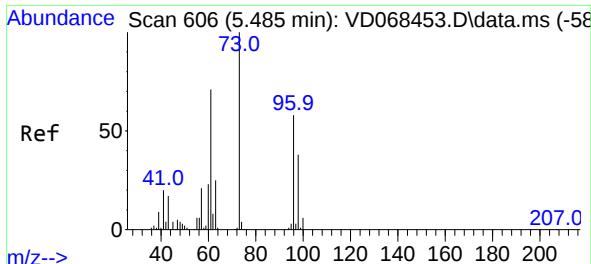
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#18
Methyl Acetate
Concen: 5.38 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.012 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion: 43 Resp: 4898
Ion Ratio Lower Upper
43 100
74 32.8 25.4 38.0

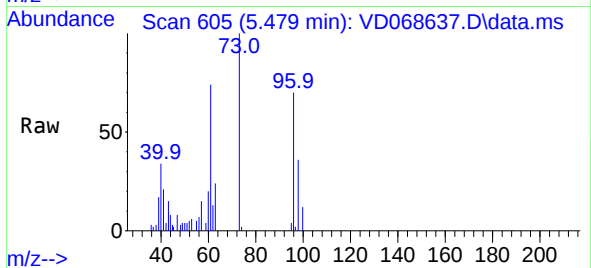




#19

Methyl tert-butyl Ether
Concen: 5.22 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

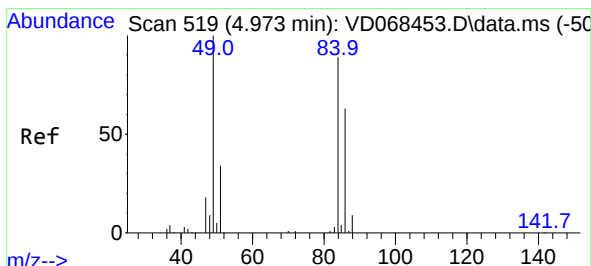
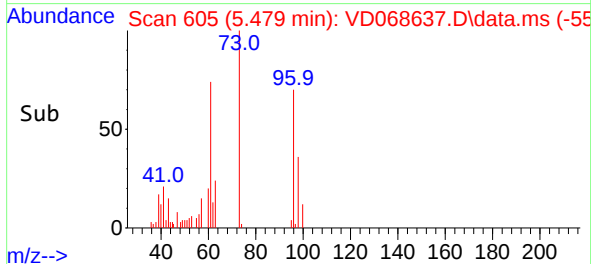
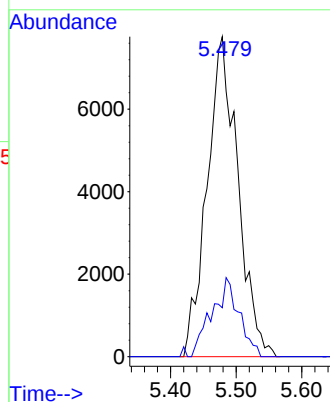
Instrument :
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ClientSampleId :
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Tgt Ion: 73 Resp: 25311
Ion Ratio Lower Upper
73 100
57 15.3 14.4 21.6

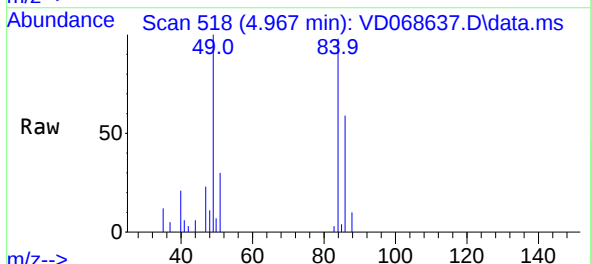
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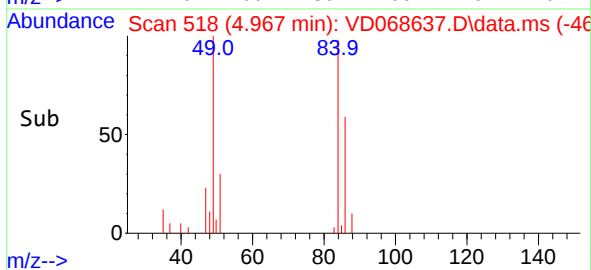
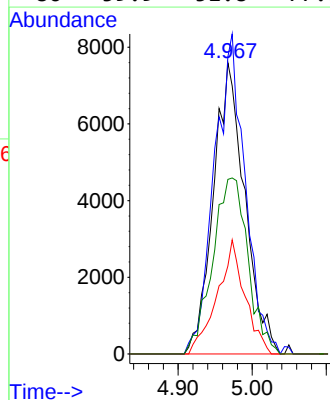


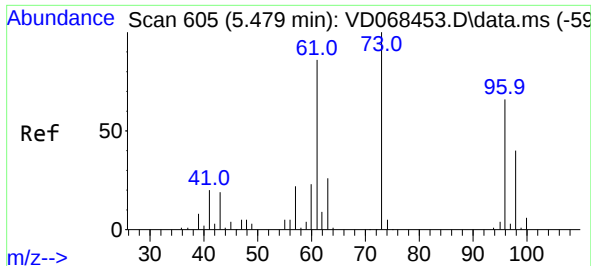
#20

Methylene Chloride
Concen: 7.46 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

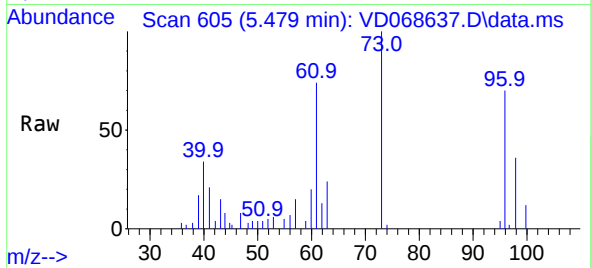


Tgt Ion: 84 Resp: 22357
Ion Ratio Lower Upper
84 100
49 102.1 77.4 116.2
51 30.2 26.1 39.1
86 59.9 51.8 77.8



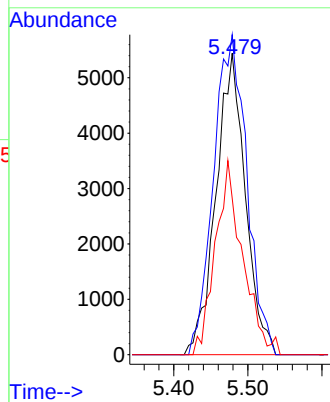
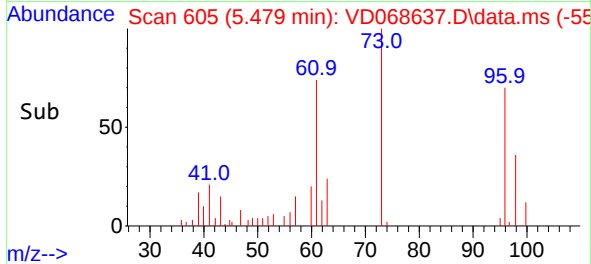


#21
trans-1,2-Dichloroethene
Concen: 5.63 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



Tgt Ion: 96 Resp: 15021

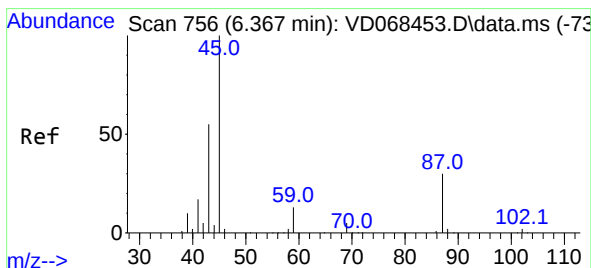
Ion	Ratio	Lower	Upper
96	100		
61	106.1	96.7	145.1
98	51.9	47.6	71.4



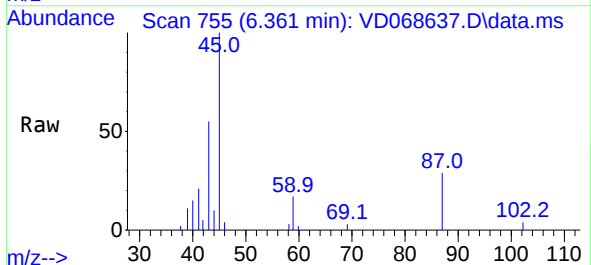
Instrument :
MSVOA_D
ClientSampleId :
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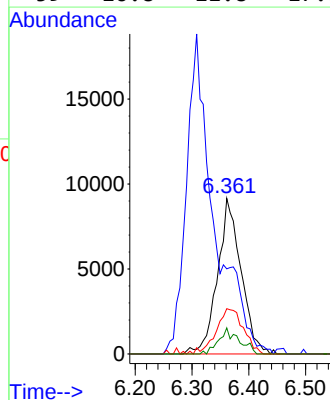
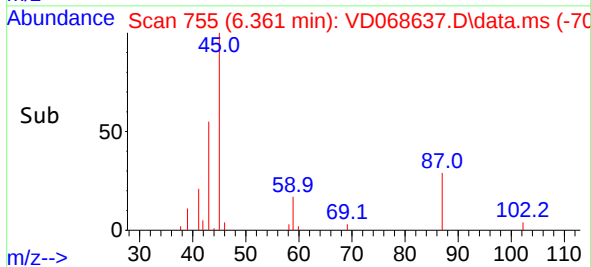


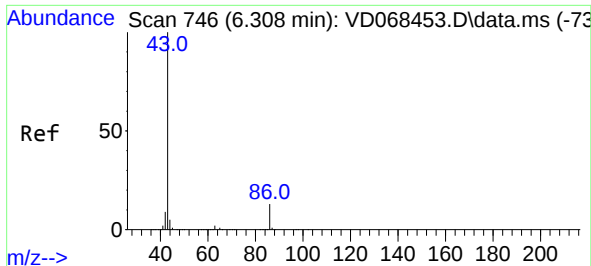
#22
Diisopropyl ether
Concen: 4.15 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



Tgt Ion: 45 Resp: 26393

Ion	Ratio	Lower	Upper
45	100		
43	51.5	43.9	65.9
87	29.1	29.9	44.9#
59	16.8	11.8	17.8





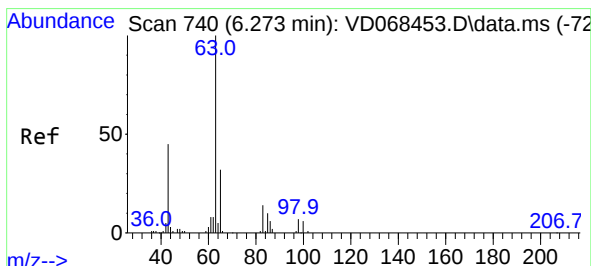
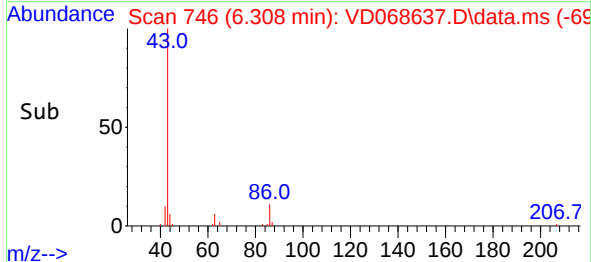
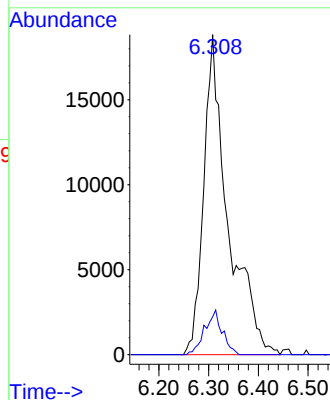
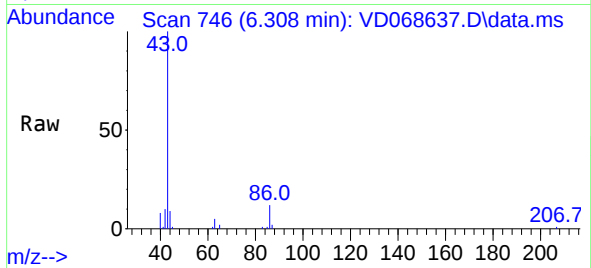
#23
 Vinyl Acetate
 Concen: 19.40 ug/l m
 RT: 6.308 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD068637.D
 Acq: 17 Mar 2021 14:57

Tgt Ion: 43 Resp: 63966
 Ion Ratio Lower Upper
 43 100
 86 11.9 10.8 16.2

Instrument :
 MSVOA_D
 ClientSampleId :
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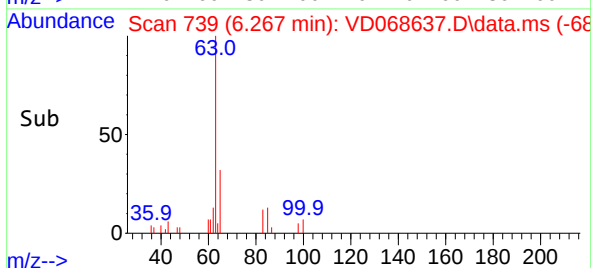
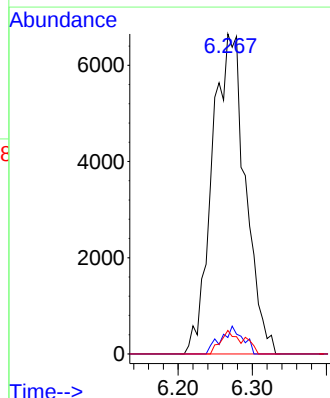
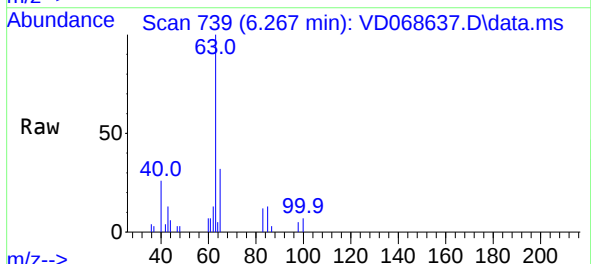
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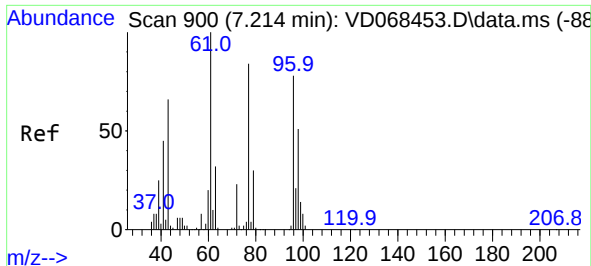
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#24
 1,1-Dichloroethane
 Concen: 4.76 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.006 min
 Lab File: VD068637.D
 Acq: 17 Mar 2021 14:57

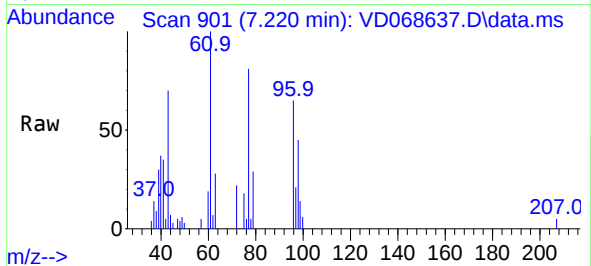
Tgt Ion: 63 Resp: 20722
 Ion Ratio Lower Upper
 63 100
 98 5.2 3.8 11.4
 100 7.4 2.6 8.0





#25
2-Butanone
Concen: 24.44 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

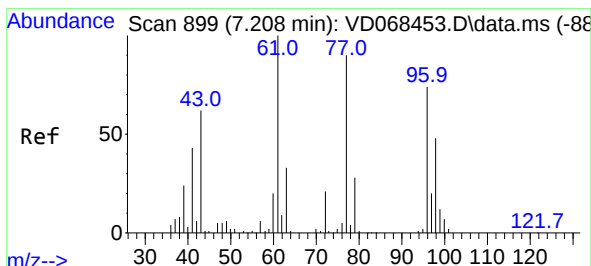
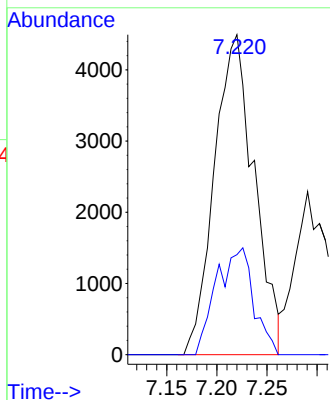
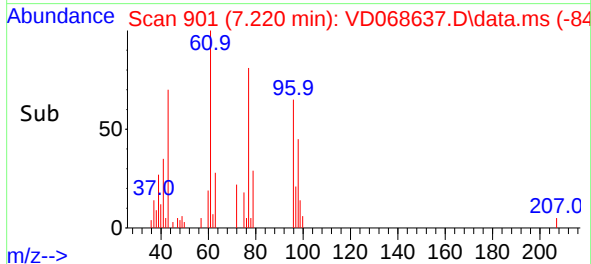
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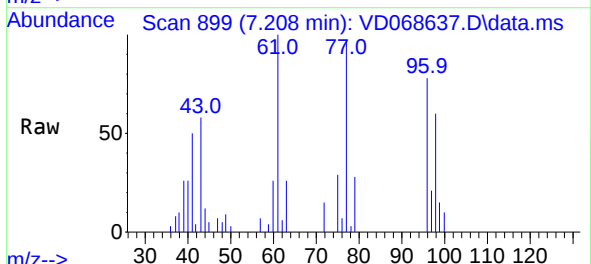
Tgt Ion: 43 Resp: 12410
Ion Ratio Lower Upper
43 100
72 31.2 25.1 37.7

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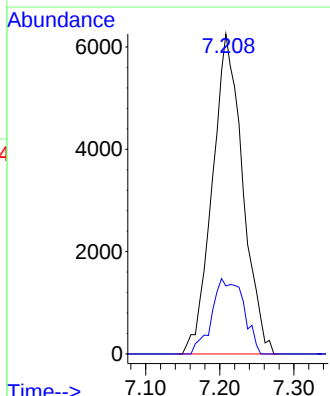
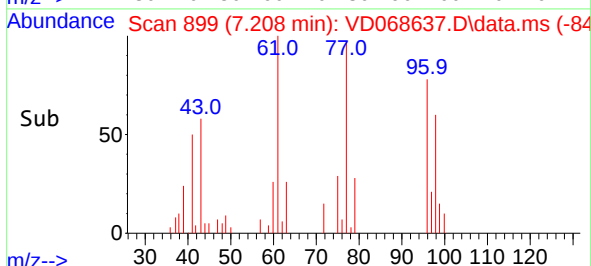
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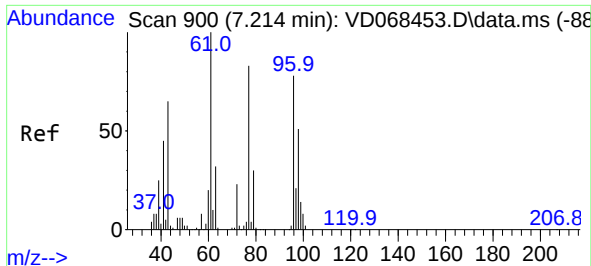


#26
2,2-Dichloropropane
Concen: 4.91 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



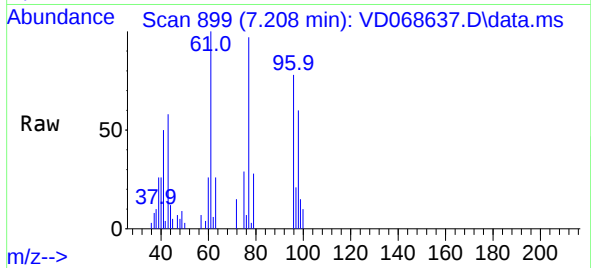
Tgt Ion: 77 Resp: 17808
Ion Ratio Lower Upper
77 100
97 24.5 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 4.77 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

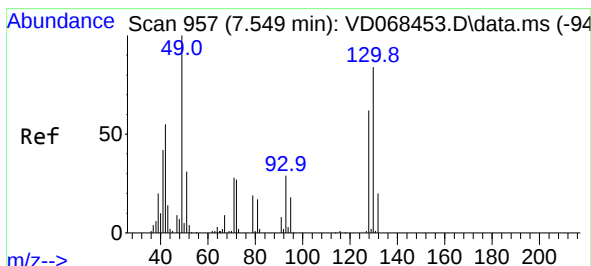
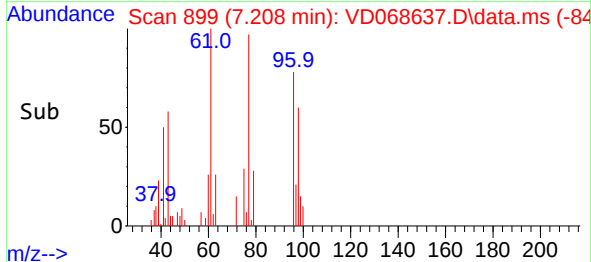
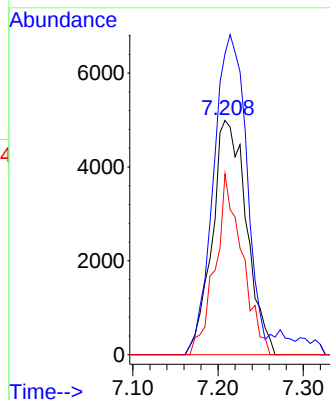
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ClientSampleId :
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Tgt Ion: 96 Resp: 13962
Ion Ratio Lower Upper
96 100
61 133.9 0.0 257.4
98 60.7 0.0 126.6

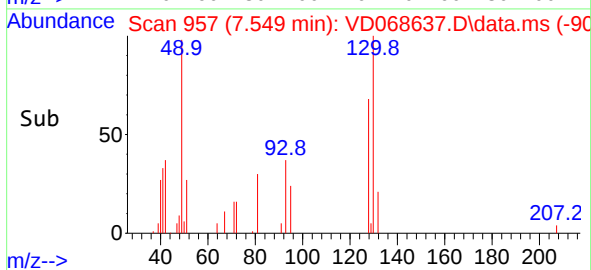
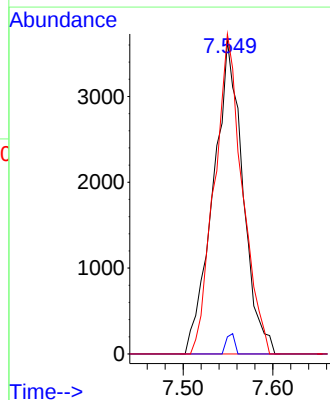
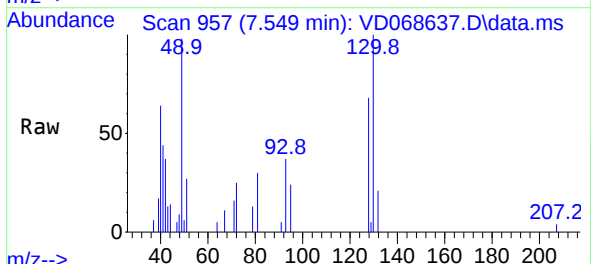
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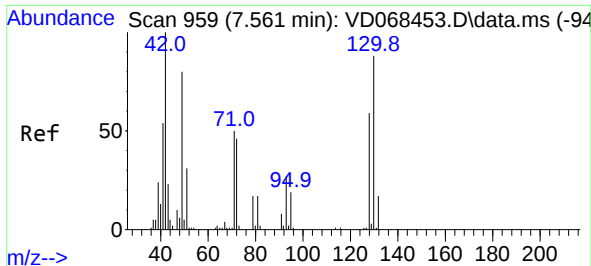
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#28
Bromochloromethane
Concen: 4.93 ug/l
RT: 7.549 min Scan# 957
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion: 49 Resp: 8387
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.8
130 96.0 85.5 128.3





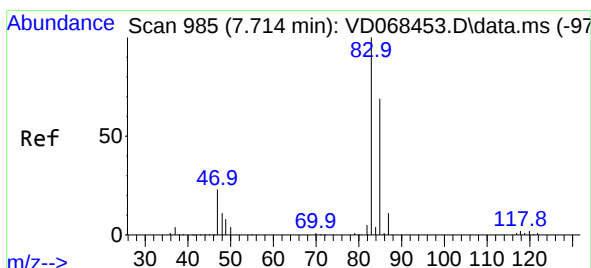
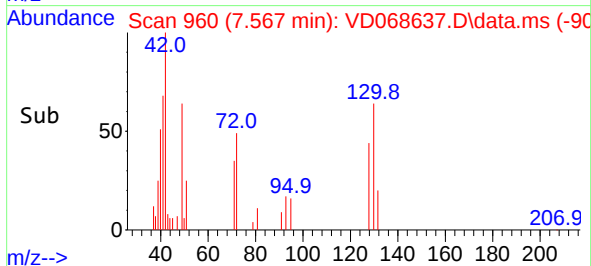
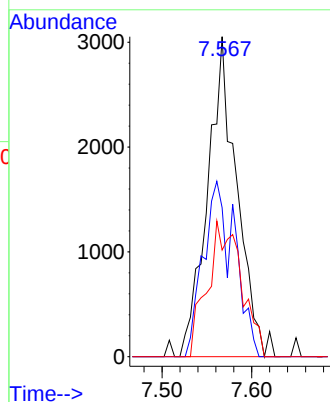
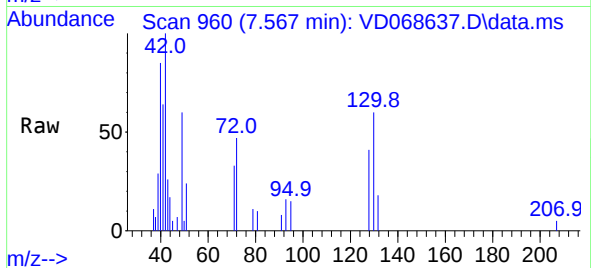
#29
Tetrahydrofuran
Concen: 21.05 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion:	42	Resp:	6941
Ion	Ratio	Lower	Upper
42	100		
72	58.5	43.4	65.0
71	48.6	40.8	61.2

Instrument :
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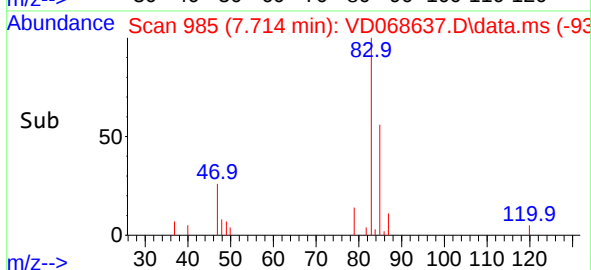
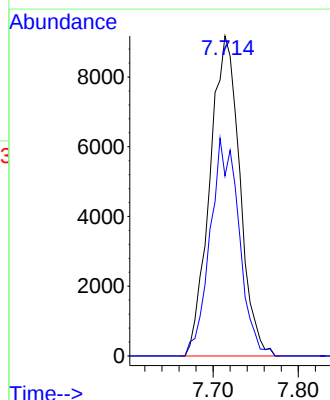
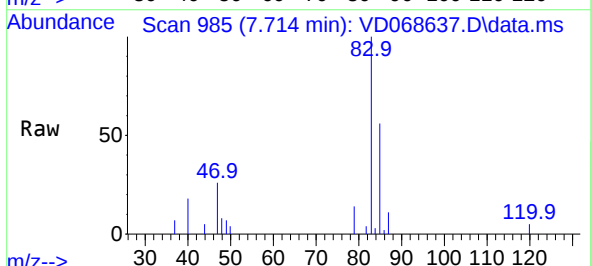
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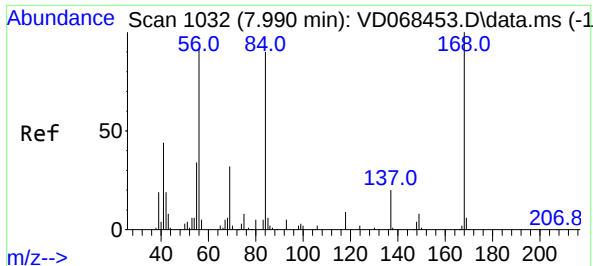
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#30
Chloroform
Concen: 4.86 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion:	83	Resp:	22375
Ion	Ratio	Lower	Upper
83	100		
85	56.3	53.4	80.0





#31

Cyclohexane

Concen: 5.14 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD068637.D

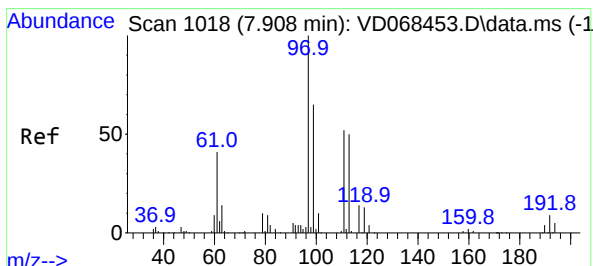
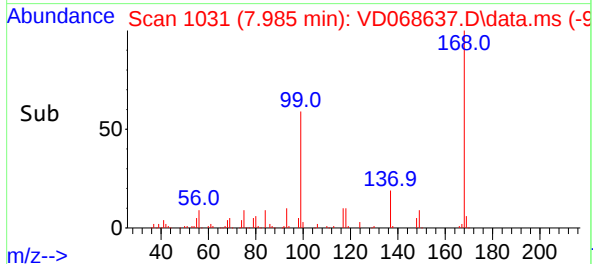
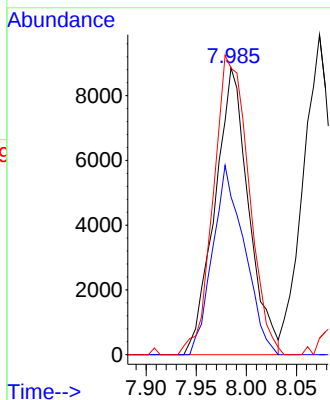
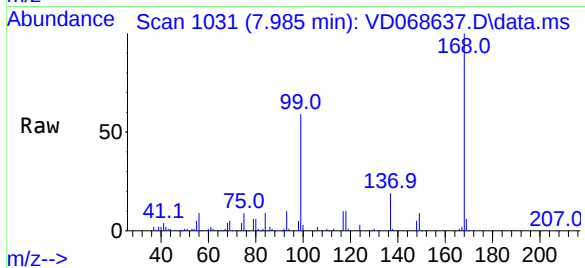
Acq: 17 Mar 2021 14:57

Tgt Ion:	56	Resp:	20790
Ion	Ratio	Lower	Upper
56	100		
69	55.0	30.1	45.1#
84	99.9	82.1	123.1

Instrument :
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#32

1,1,1-Trichloroethane

Concen: 4.98 ug/l

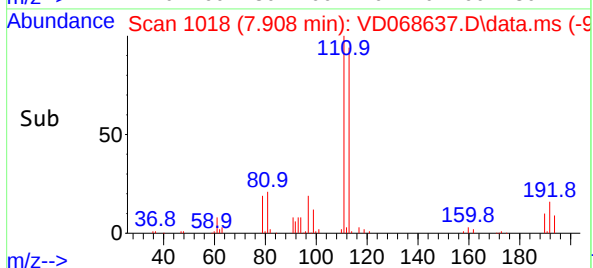
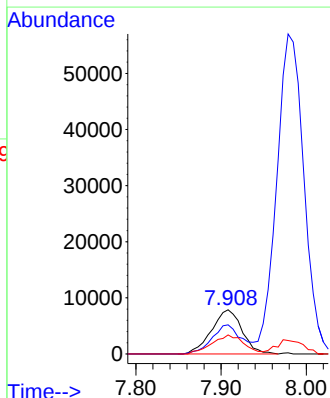
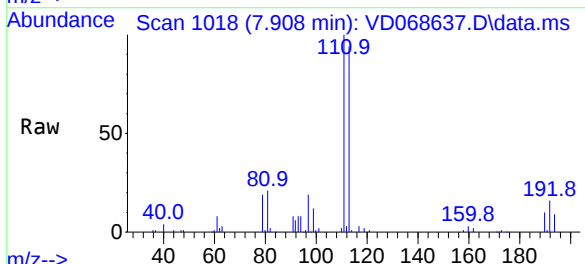
RT: 7.908 min Scan# 1018

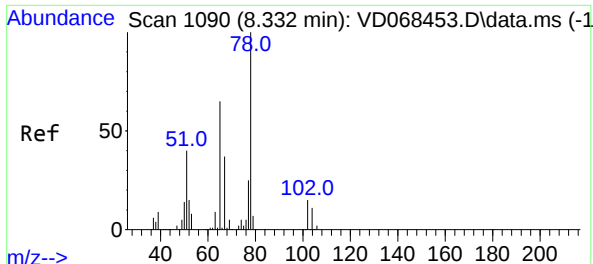
Delta R.T. 0.000 min

Lab File: VD068637.D

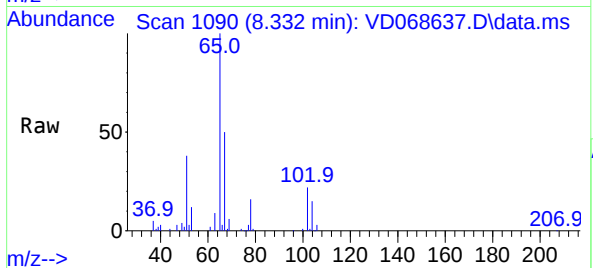
Acq: 17 Mar 2021 14:57

Tgt Ion:	97	Resp:	19544
Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.1	78.1
61	45.0	30.1	45.1

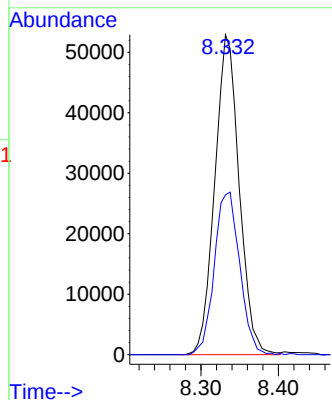
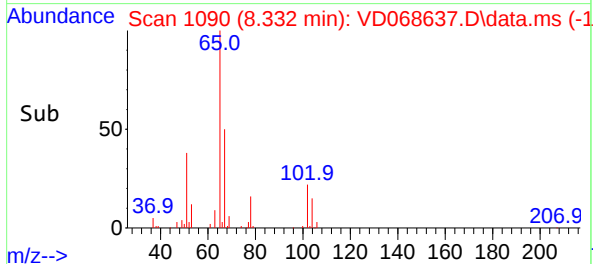




#33
1,2-Dichloroethane-d4
Concen: 52.06 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



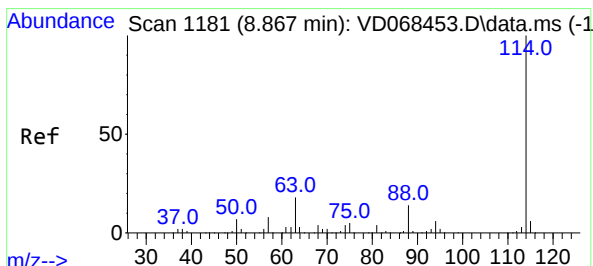
Tgt Ion: 65 Resp: 115752
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.0



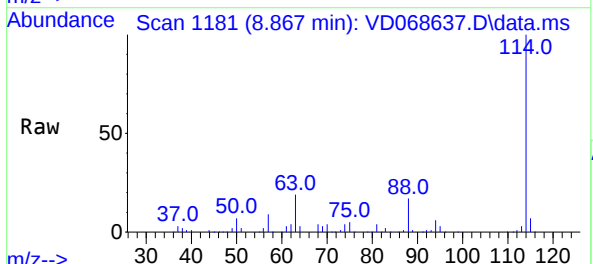
Instrument :
MSVOA_D
ClientSampleId :
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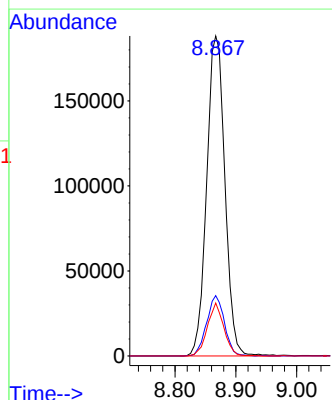
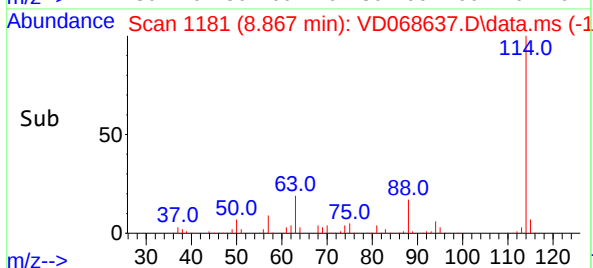
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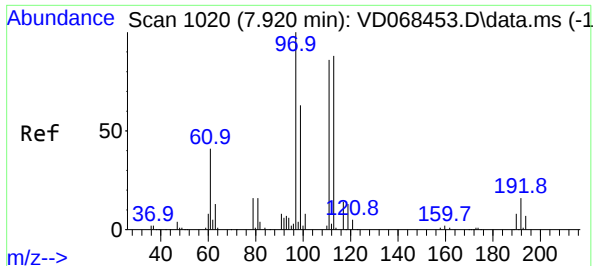


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

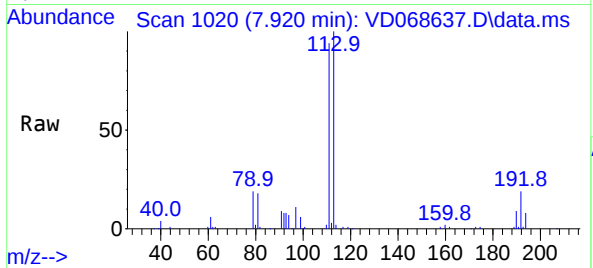


Tgt Ion: 114 Resp: 390907
Ion Ratio Lower Upper
114 100
63 18.9 0.0 34.8
88 16.5 0.0 31.6

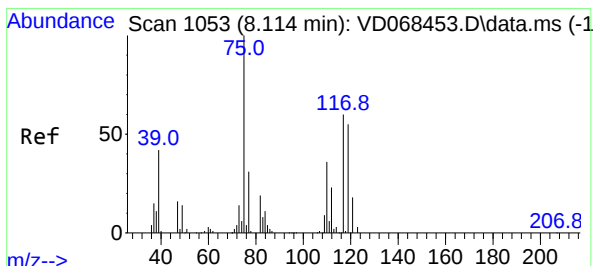
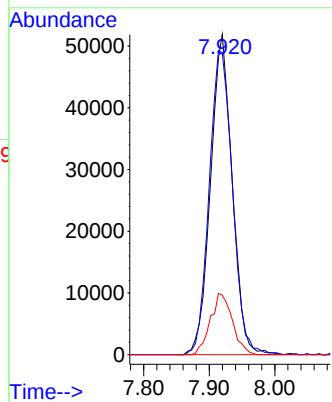
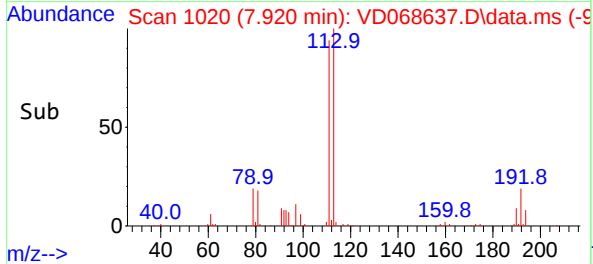




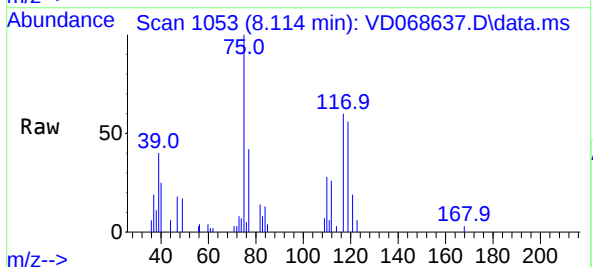
#35
Dibromofluoromethane
Concen: 50.55 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



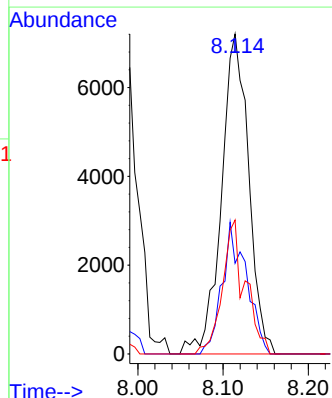
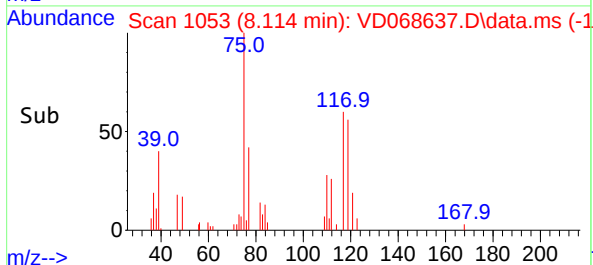
Tgt Ion:113 Resp: 119040
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 19.4 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.31 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



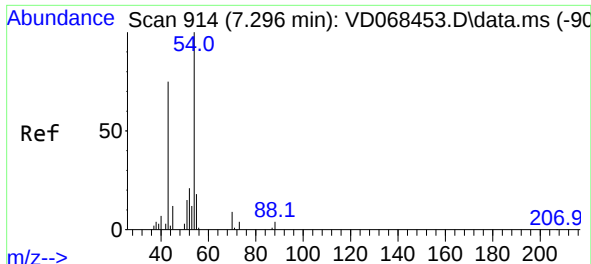
Tgt Ion: 75 Resp: 16027
Ion Ratio Lower Upper
75 100
110 36.6 19.4 58.2
77 35.2 25.3 37.9



Instrument :
MSVOA_D
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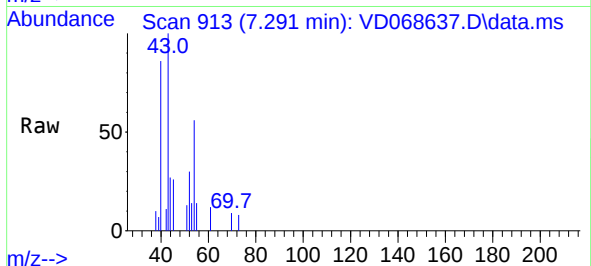
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#37
Ethyl Acetate
Concen: 4.88 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

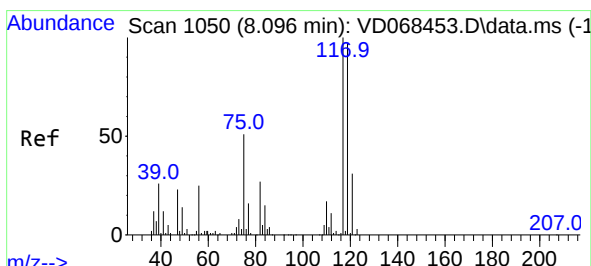
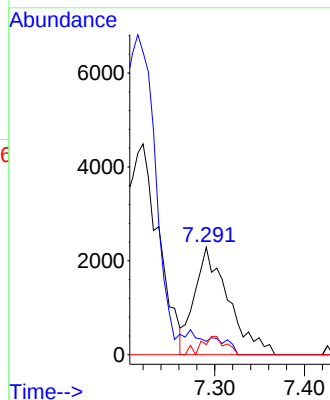
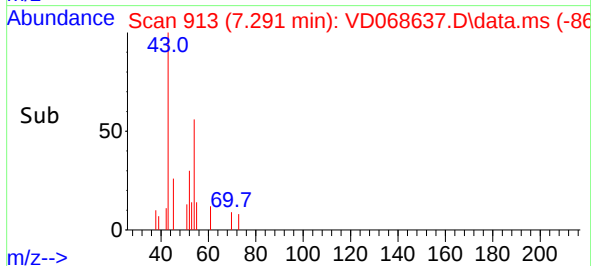
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



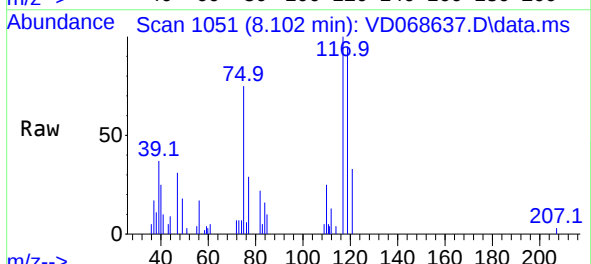
Tgt Ion: 43 Resp: 6017
Ion Ratio Lower Upper
43 100
61 0.0 12.9 19.3#
70 12.0 11.0 16.6

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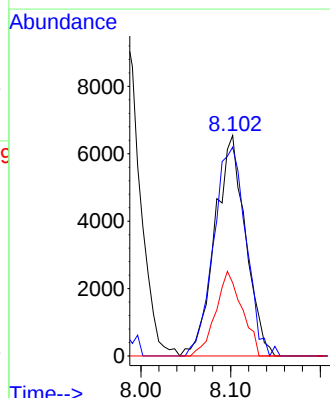
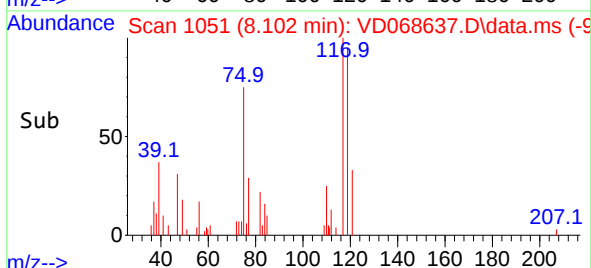
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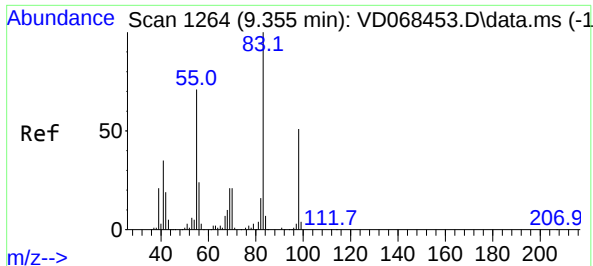


#38
Carbon Tetrachloride
Concen: 4.45 ug/l
RT: 8.102 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



Tgt Ion: 117 Resp: 15520
Ion Ratio Lower Upper
117 100
119 94.7 77.3 115.9
121 33.2 24.7 37.1





#39

Methylcyclohexane

Concen: 4.19 ug/l

RT: 9.361 min Scan# 1265

Delta R.T. 0.006 min

Lab File: VD068637.D

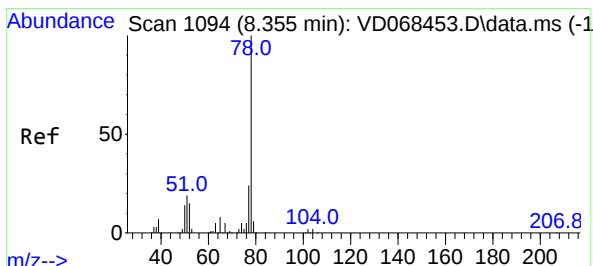
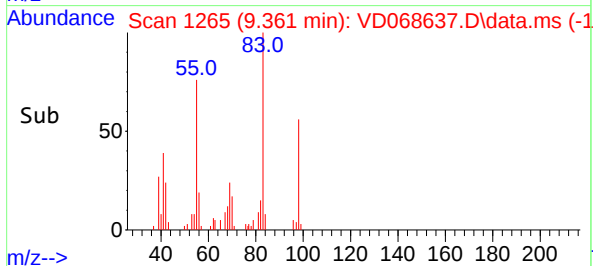
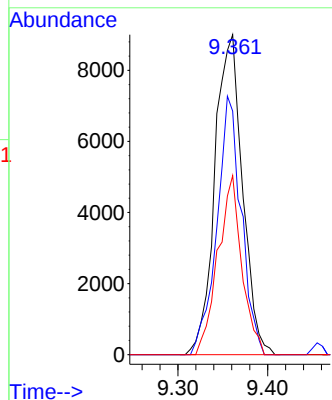
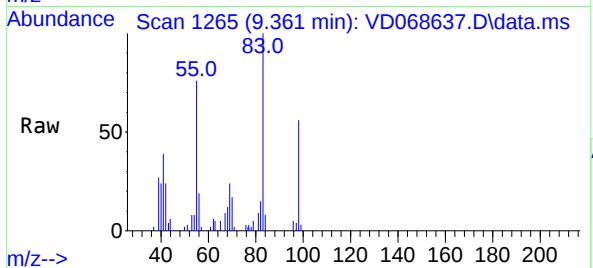
Acq: 17 Mar 2021 14:57

Tgt Ion:	83	Resp:	19224
Ion	Ratio	Lower	Upper
83	100		
55	76.1	55.2	82.8
98	55.9	39.1	58.7

Instrument :
MSVOA_D
ClientSampleId :
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#40

Benzene

Concen: 4.70 ug/l

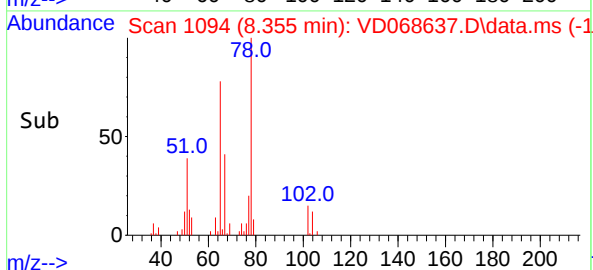
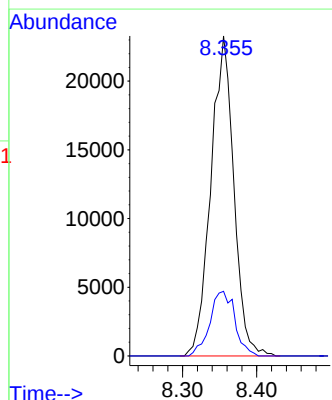
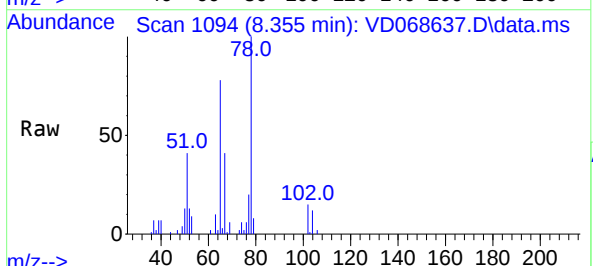
RT: 8.355 min Scan# 1094

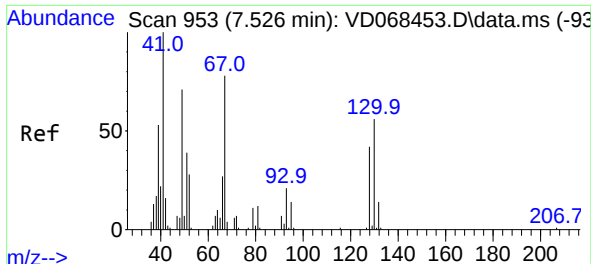
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Lab File: VD068637.D

Acq: 17 Mar 2021 14:57

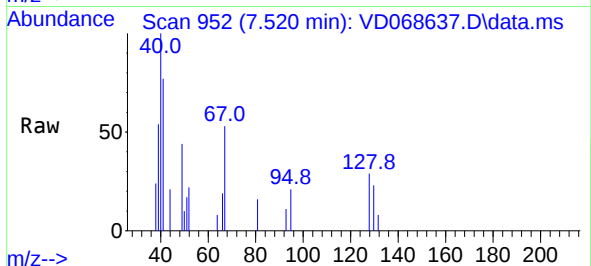
Tgt Ion:	78	Resp:	50109
Ion	Ratio	Lower	Upper
78	100		
77	20.2	17.8	26.6





#41
Methacrylonitrile
Concen: 4.24 ug/l
RT: 7.520 min Scan# 952
Delta R.T. -0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

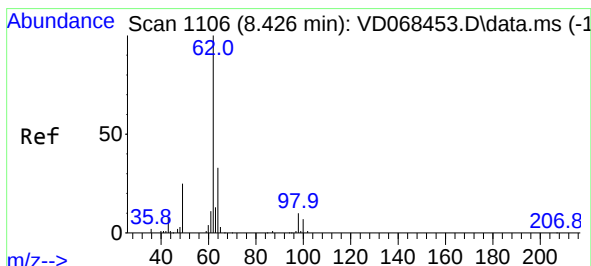
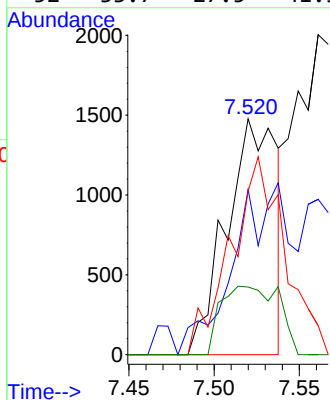
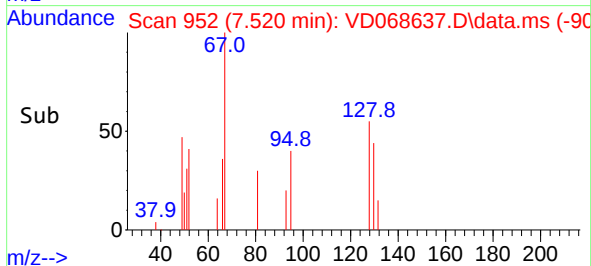
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



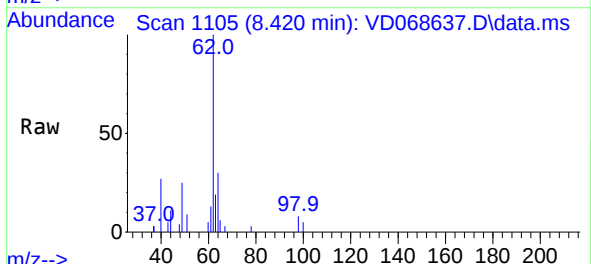
Tgt Ion: 41 Resp: 3031
Ion Ratio Lower Upper
41 100
39 42.6 45.2 67.8#
67 90.1 67.4 101.2
52 33.7 27.5 41.3

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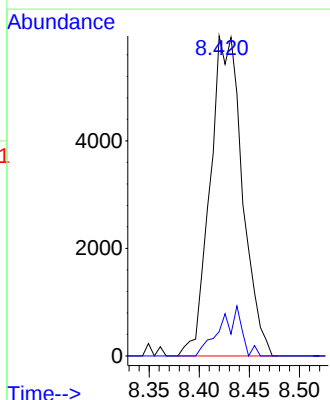
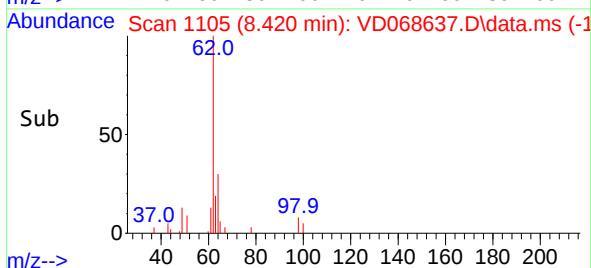
MMDadoda
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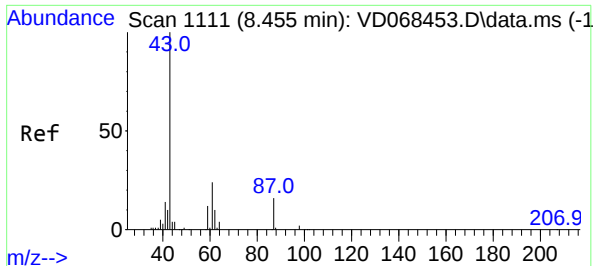


#42
1,2-Dichloroethane
Concen: 4.75 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



Tgt Ion: 62 Resp: 13323
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.8





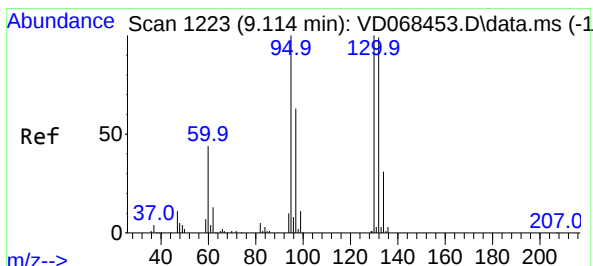
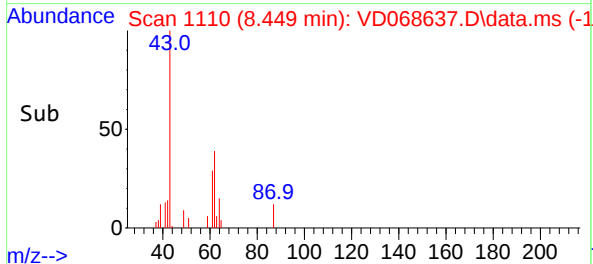
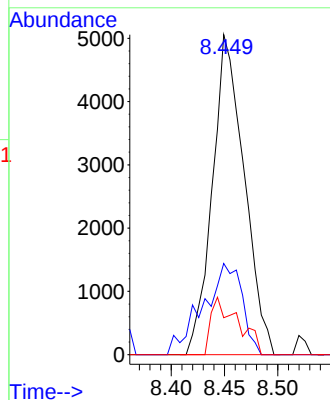
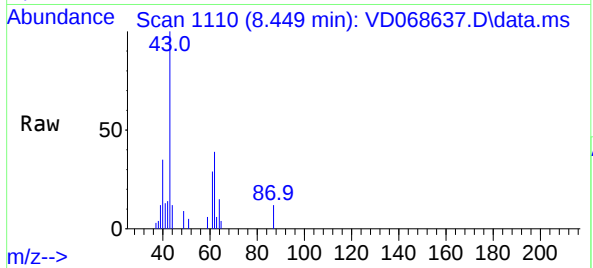
#43
Isopropyl Acetate
Concen: 4.63 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion:	43	Resp:	10497
Ion	Ratio	Lower	Upper
43	100		
61	35.0	28.7	43.1
87	15.2	13.9	20.9

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

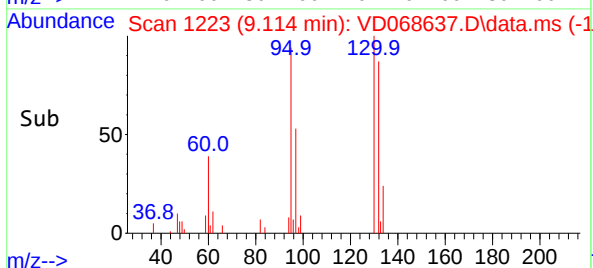
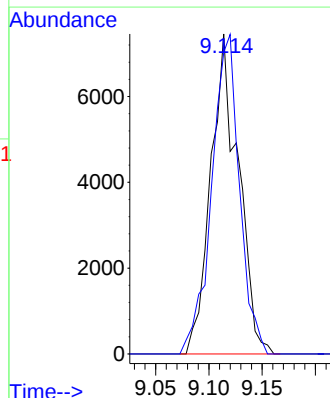
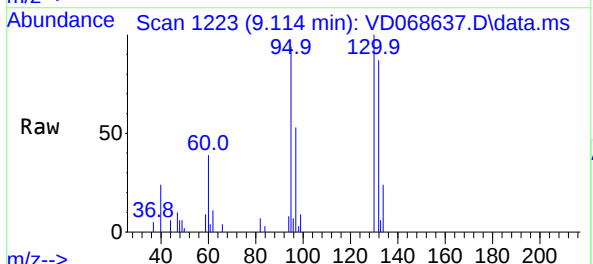
Manual Integrations
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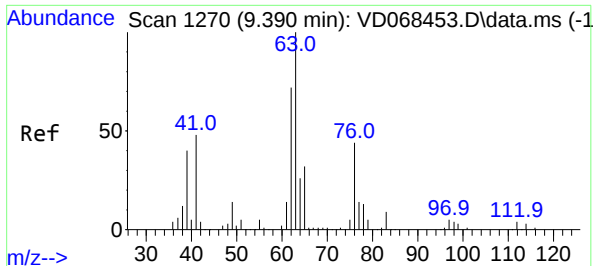
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#44
Trichloroethene
Concen: 4.59 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion:	130	Resp:	13434
Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	191.2





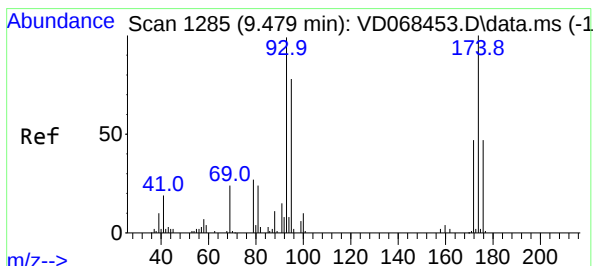
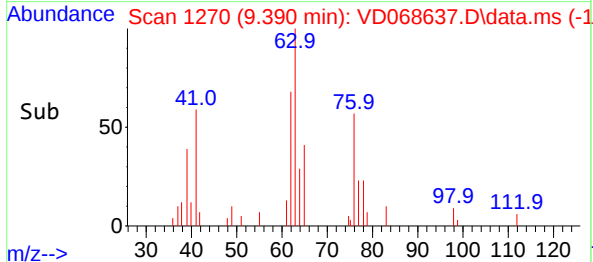
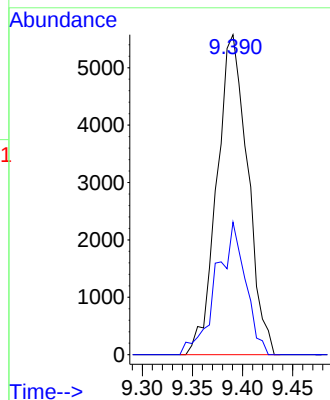
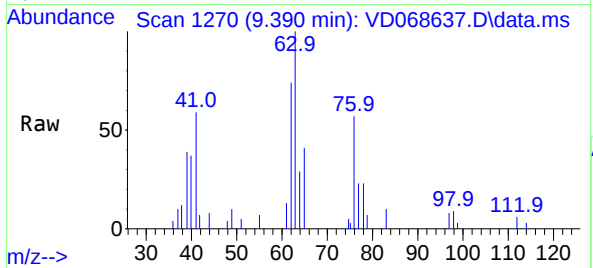
#45
1,2-Dichloropropane
Concen: 4.65 ug/l
RT: 9.390 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion: 63 Resp: 11859
Ion Ratio Lower Upper
63 100
65 41.4 26.6 40.0#

Instrument :
MSVOA_D
ClientSampleId :
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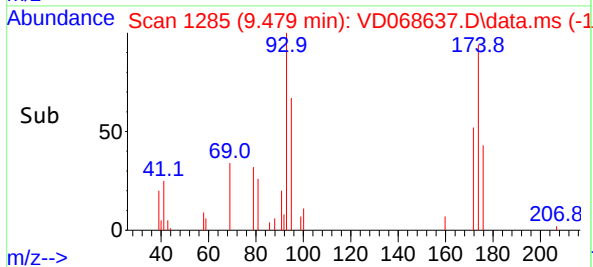
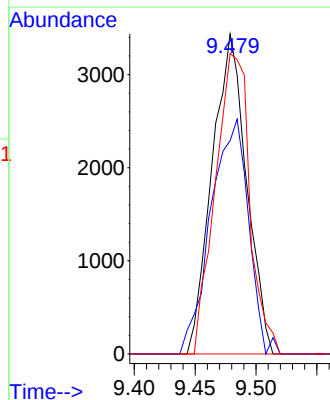
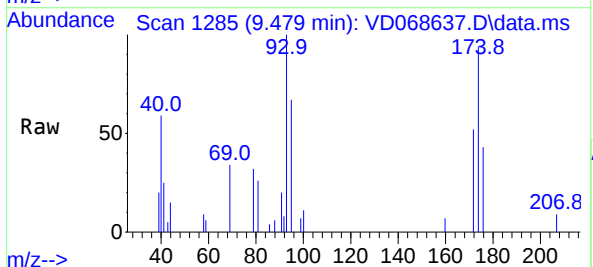
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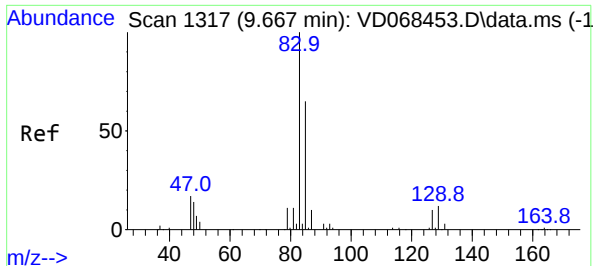
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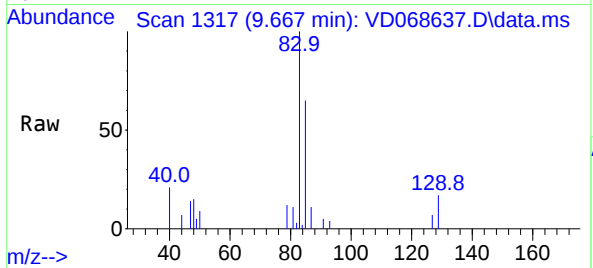
#46
Dibromomethane
Concen: 4.88 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion: 93 Resp: 6759
Ion Ratio Lower Upper
93 100
95 80.1 67.3 100.9
174 94.0 84.6 127.0

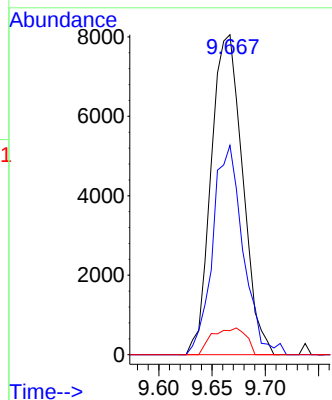




#47
Bromodichloromethane
Concen: 4.62 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



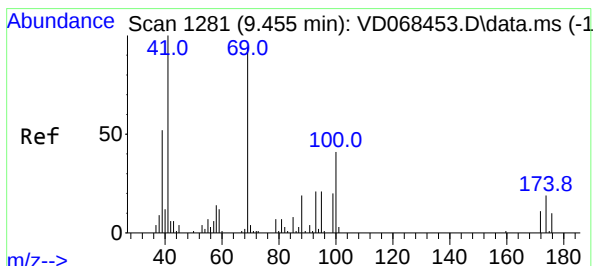
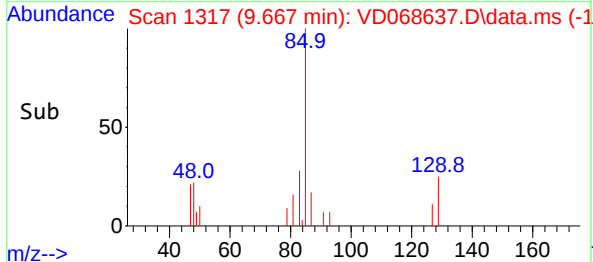
Tgt Ion: 83 Resp: 16573
Ion Ratio Lower Upper
83 100
85 65.4 51.6 77.4
127 7.5 7.4 11.0



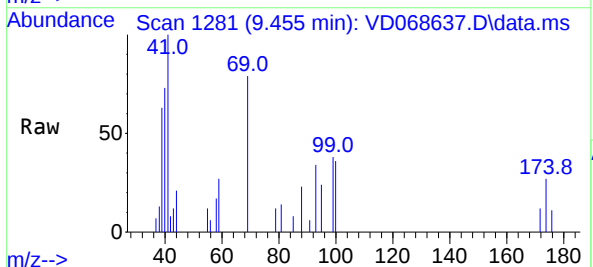
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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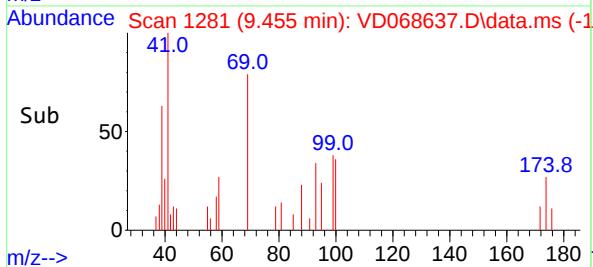
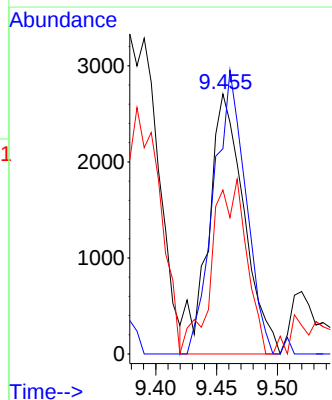
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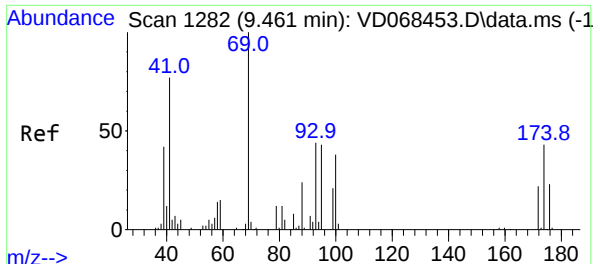


#48
Methyl methacrylate
Concen: 4.56 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



Tgt Ion: 41 Resp: 5513
Ion Ratio Lower Upper
41 100
69 97.9 77.1 115.7
39 63.2 41.5 62.3#





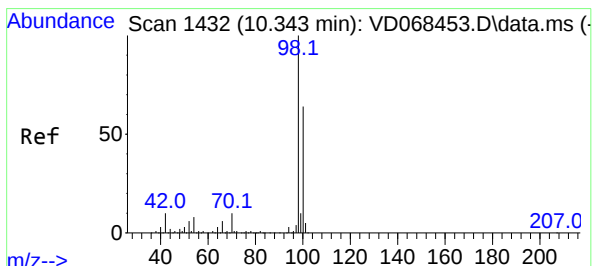
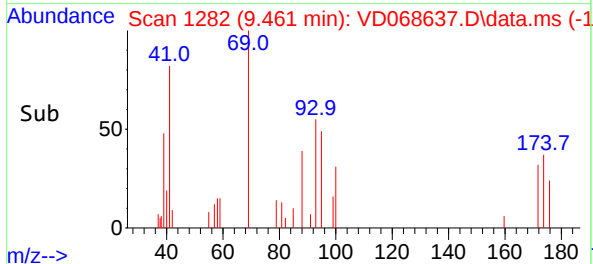
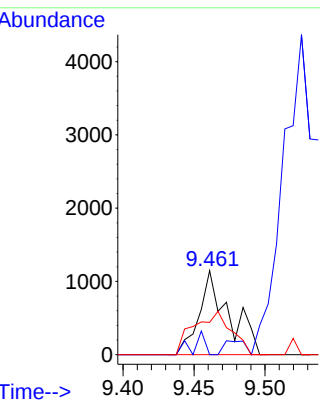
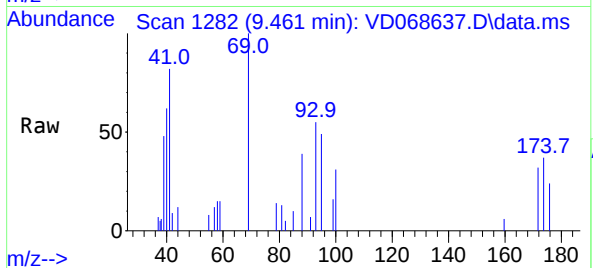
#49
1,4-Dioxane
Concen: 106.02 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion: 88 Resp: 1676
Ion Ratio Lower Upper
88 100
43 0.0 22.1 33.1#
58 64.9 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

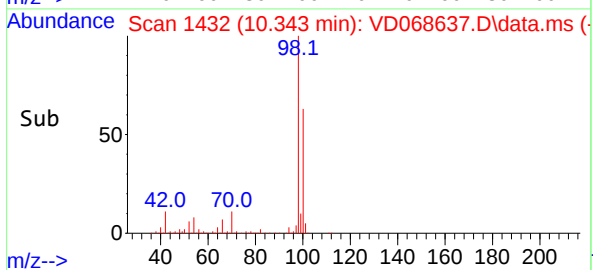
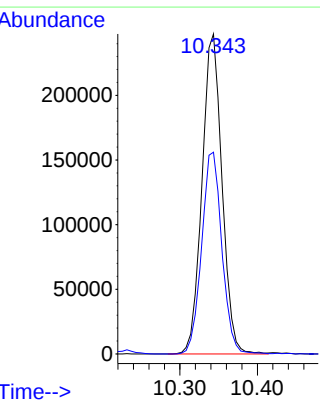
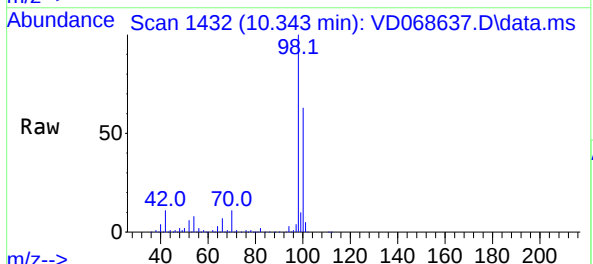
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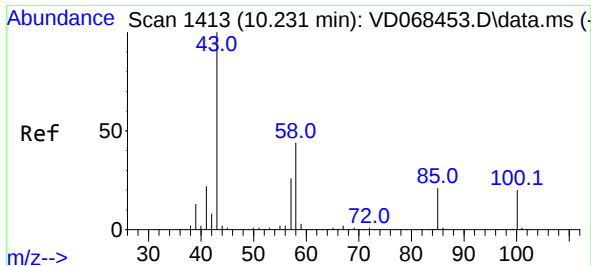
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#50
Toluene-d8
Concen: 47.39 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion: 98 Resp: 444510
Ion Ratio Lower Upper
98 100
100 63.9 53.0 79.4





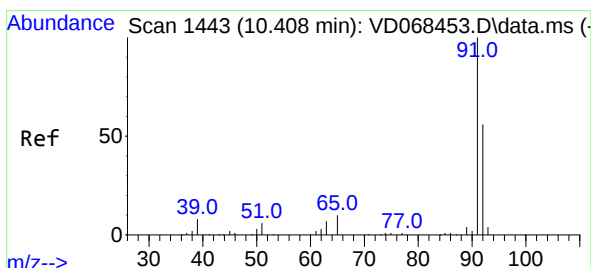
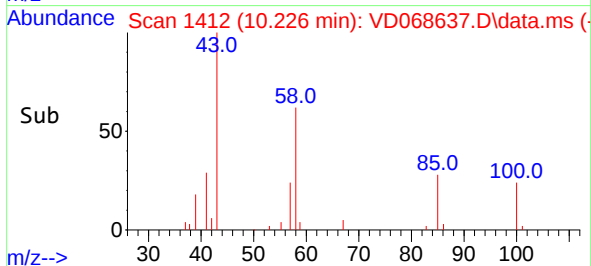
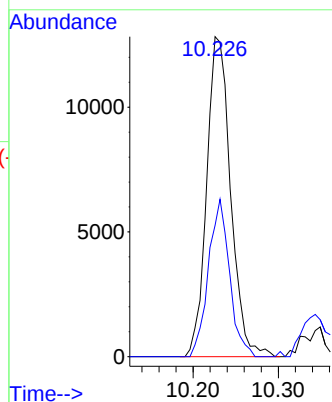
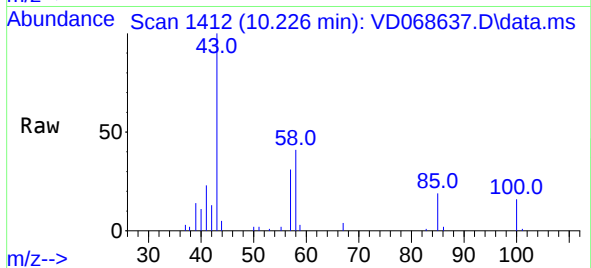
#51
4-Methyl-2-Pentanone
Concen: 21.13 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion: 43 Resp: 25058
Ion Ratio Lower Upper
43 100
58 43.3 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

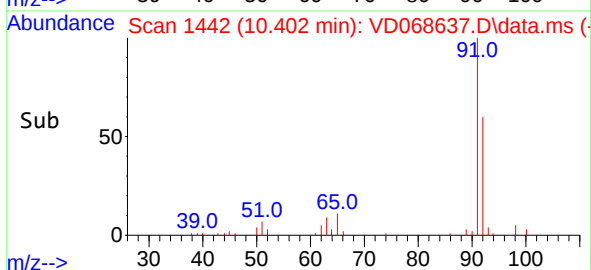
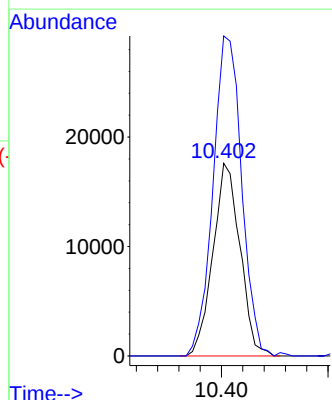
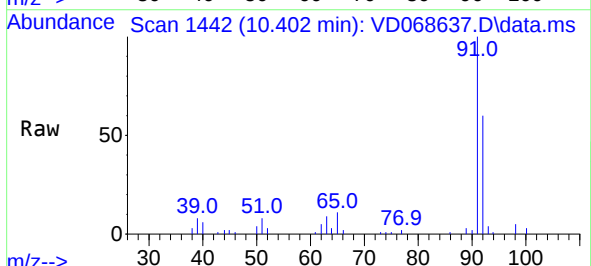
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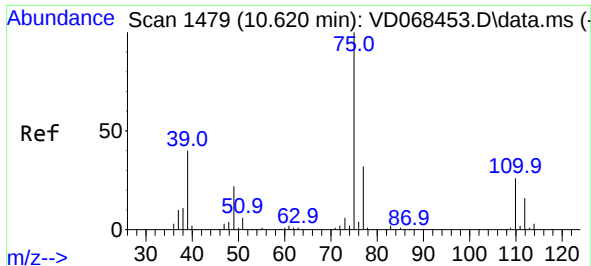
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#52
Toluene
Concen: 4.56 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion: 92 Resp: 31040
Ion Ratio Lower Upper
92 100
91 176.2 134.1 201.1





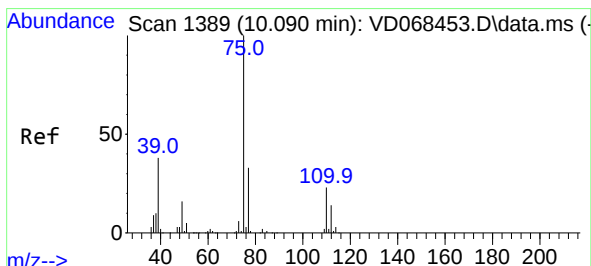
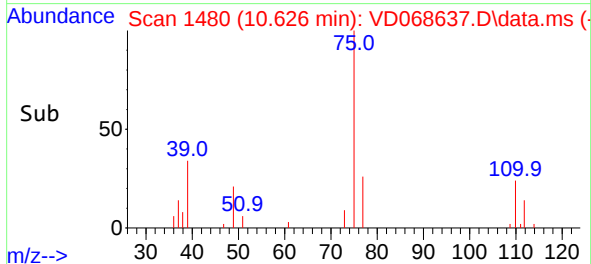
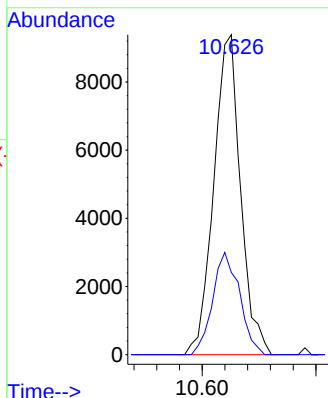
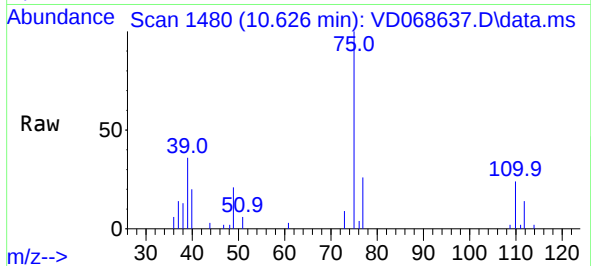
#53
 t-1,3-Dichloropropene
 Concen: 4.63 ug/l
 RT: 10.626 min Scan# 1480
 Delta R.T. 0.006 min
 Lab File: VD068637.D
 Acq: 17 Mar 2021 14:57

Tgt Ion: 75 Resp: 15359
 Ion Ratio Lower Upper
 75 100
 77 25.7 25.0 37.4

Instrument :
 MSVOA_D
 ClientSampleID :
 LOD-MDL-SOIL-01-QT1-2021

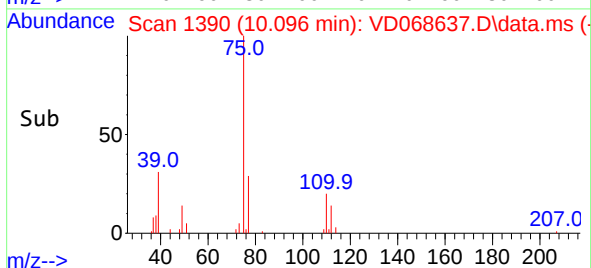
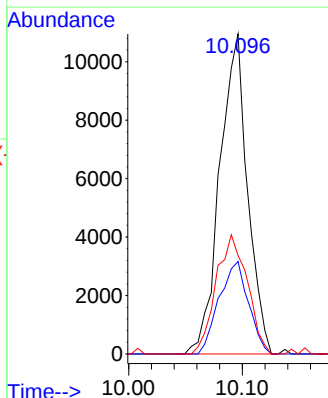
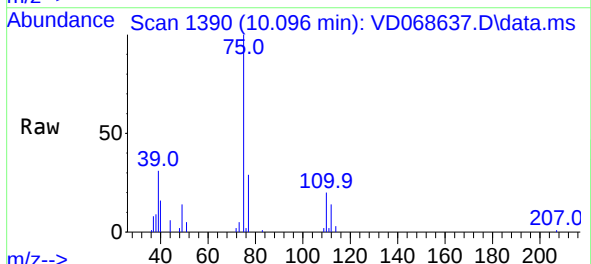
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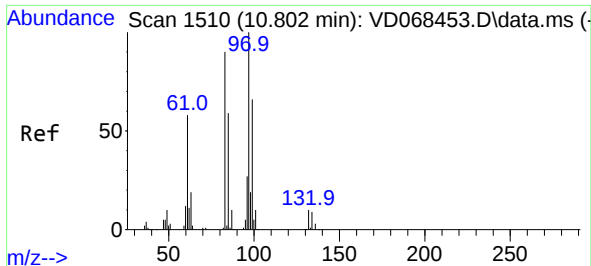
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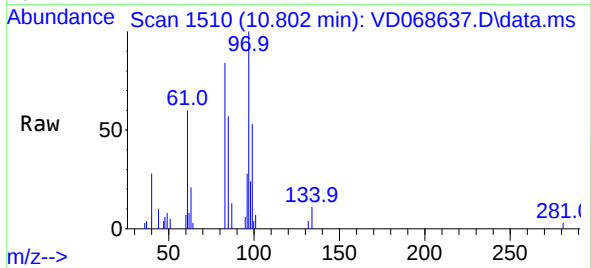
#54
 cis-1,3-Dichloropropene
 Concen: 4.60 ug/l
 RT: 10.096 min Scan# 1390
 Delta R.T. 0.006 min
 Lab File: VD068637.D
 Acq: 17 Mar 2021 14:57

Tgt Ion: 75 Resp: 18580
 Ion Ratio Lower Upper
 75 100
 77 28.9 24.6 37.0
 39 30.7 31.4 47.0#



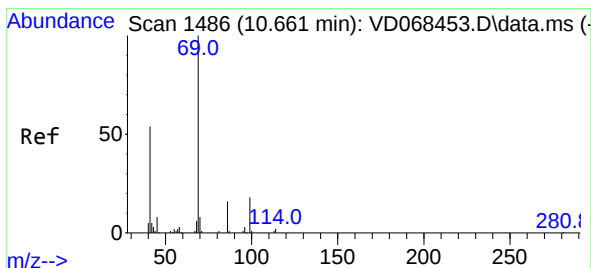
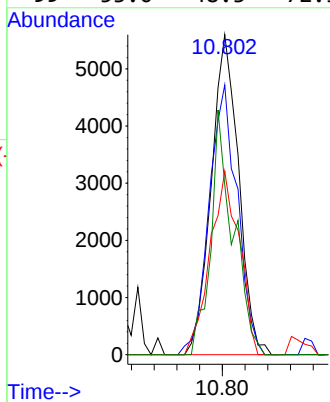
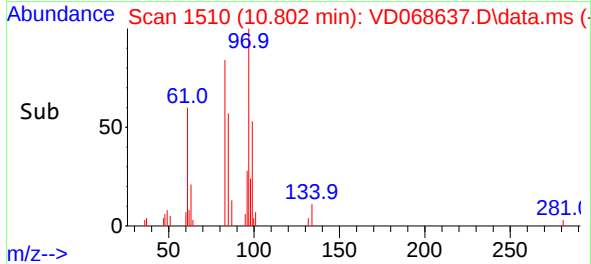


#55
1,1,2-Trichloroethane
Concen: 4.88 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

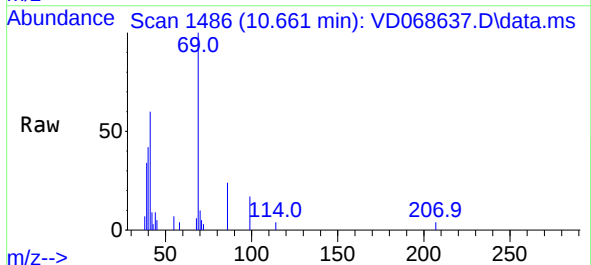


Tgt Ion: 97 Resp: 9362

Ion	Ratio	Lower	Upper
97	100		
83	84.3	61.8	92.6
85	57.3	42.2	63.2
99	53.0	48.3	72.5

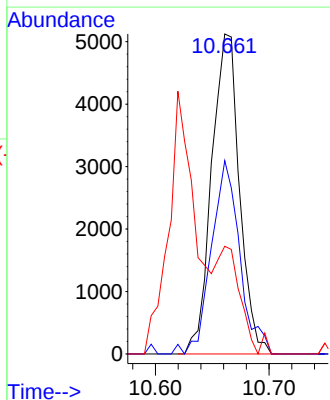
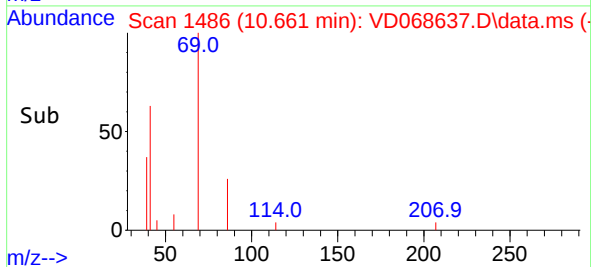


#56
Ethyl methacrylate
Concen: 3.96 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



Tgt Ion: 69 Resp: 8729

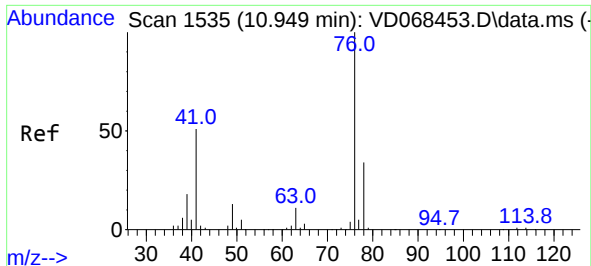
Ion	Ratio	Lower	Upper
69	100		
41	61.7	44.9	67.3
39	27.8	21.9	32.9



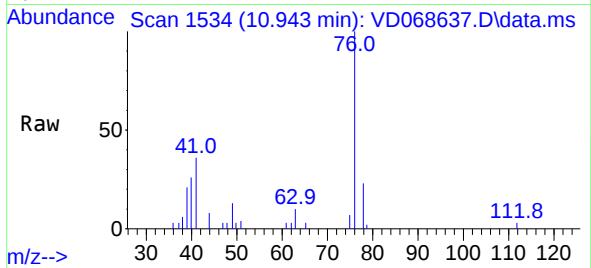
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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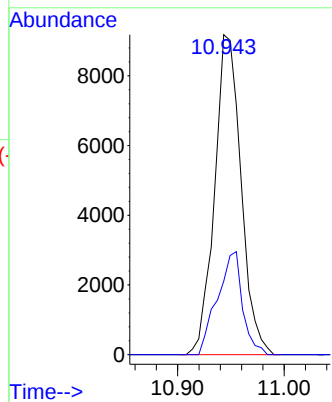
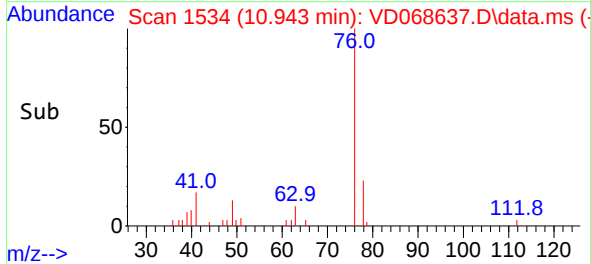
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#57
1,3-Dichloropropane
Concen: 4.72 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. -0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



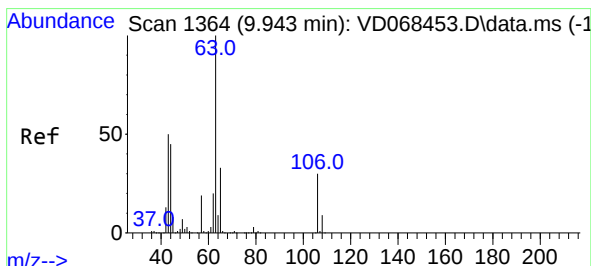
Tgt Ion: 76 Resp: 15808
Ion Ratio Lower Upper
76 100
78 30.6 25.6 38.4



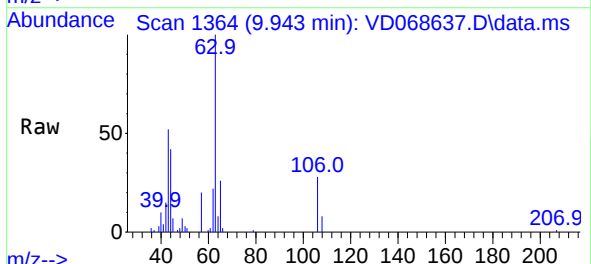
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
APPROVED

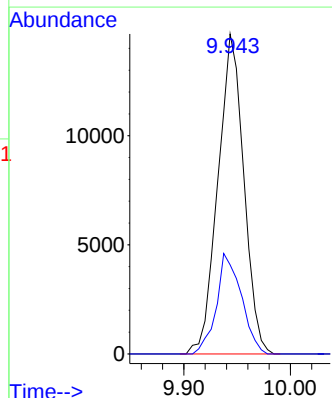
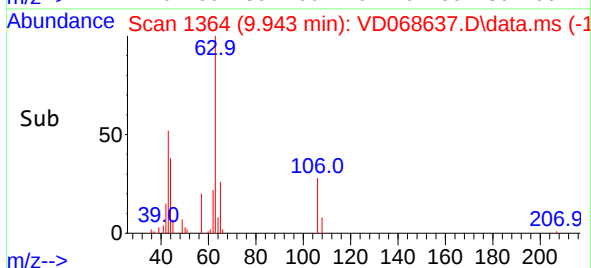
MMDadoda
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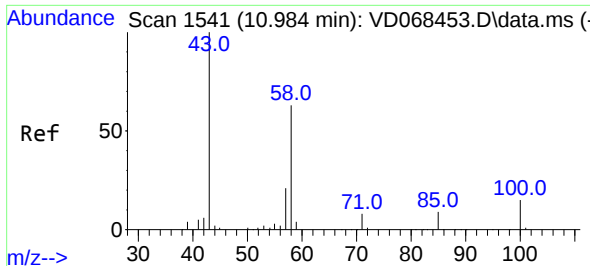


#58
2-Chloroethyl Vinyl ether
Concen: 22.34 ug/l
RT: 9.943 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



Tgt Ion: 63 Resp: 24714
Ion Ratio Lower Upper
63 100
106 30.2 27.0 40.4





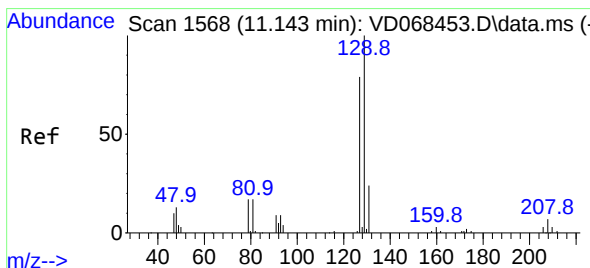
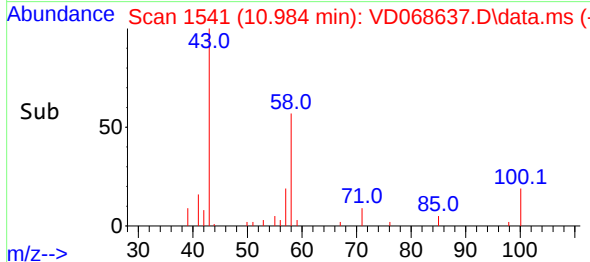
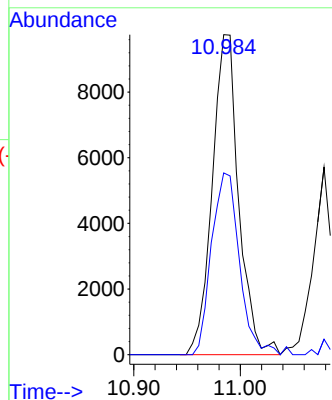
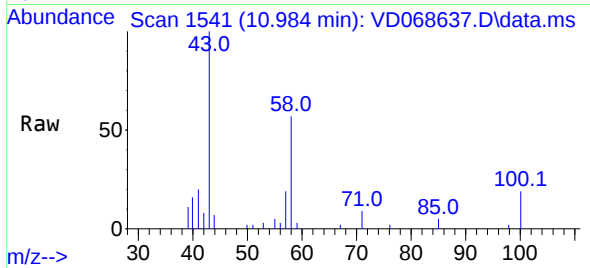
#59
2-Hexanone
Concen: 21.27 ug/l
RT: 10.984 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion: 43 Resp: 16814
Ion Ratio Lower Upper
43 100
58 59.7 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
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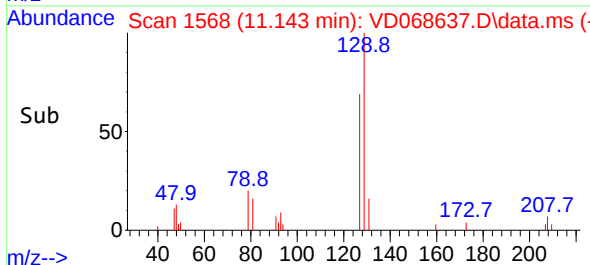
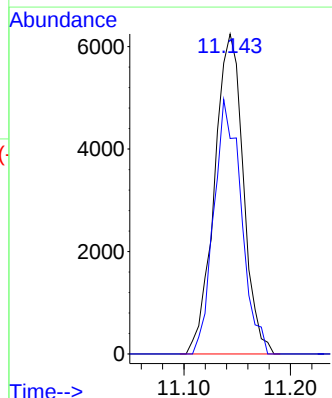
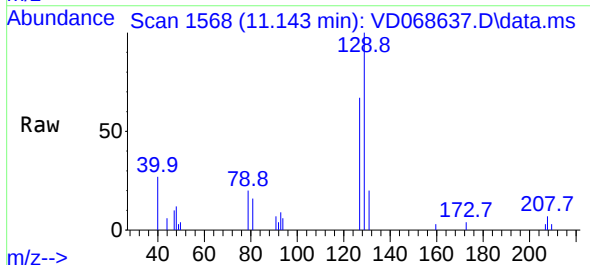
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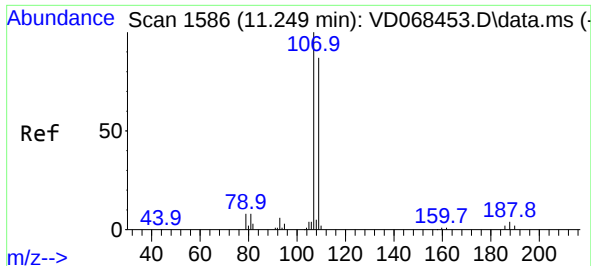
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#60
Dibromochloromethane
Concen: 4.94 ug/l
RT: 11.143 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

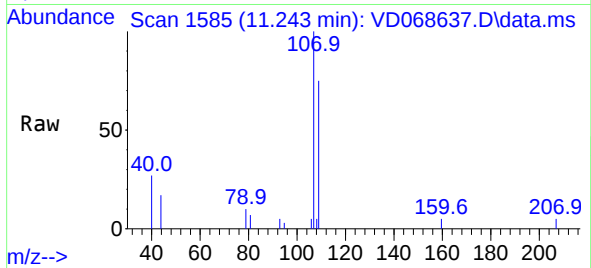
Tgt Ion:129 Resp: 11732
Ion Ratio Lower Upper
129 100
127 75.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 4.87 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

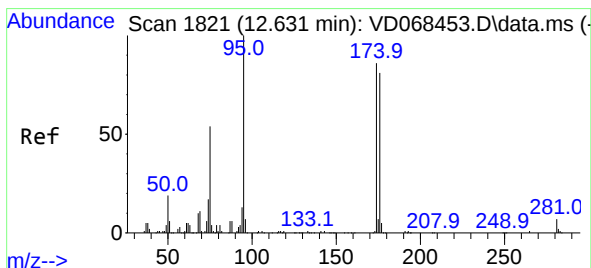
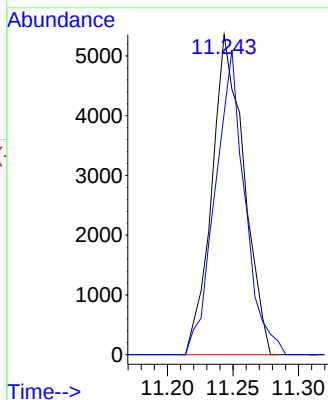
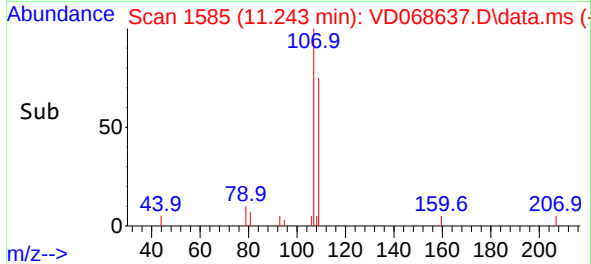
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



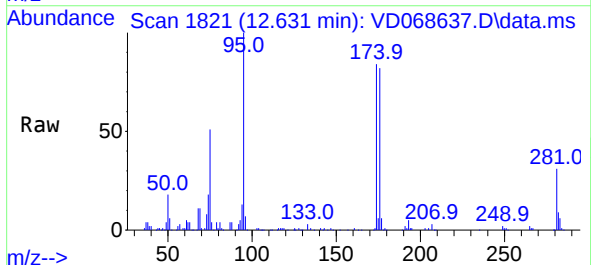
Tgt Ion:107 Resp: 9144
Ion Ratio Lower Upper
107 100
109 87.9 74.8 112.2

Manual Integrations
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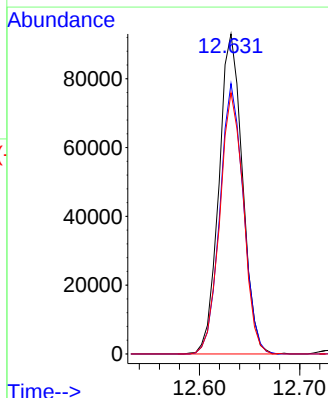
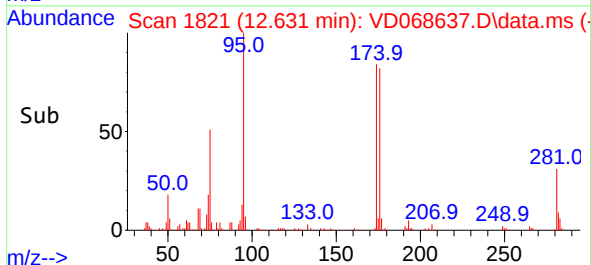
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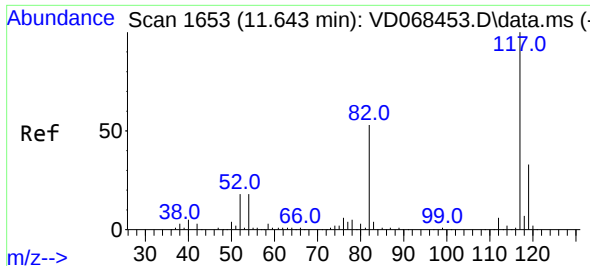


#62
4-Bromofluorobenzene
Concen: 50.20 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



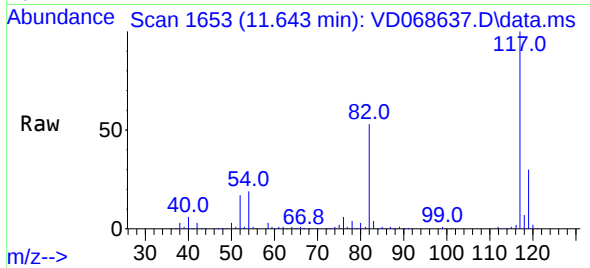
Tgt Ion: 95 Resp: 151735
Ion Ratio Lower Upper
95 100
174 84.0 0.0 172.4
176 81.6 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

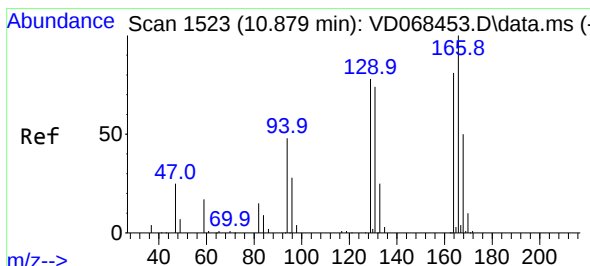
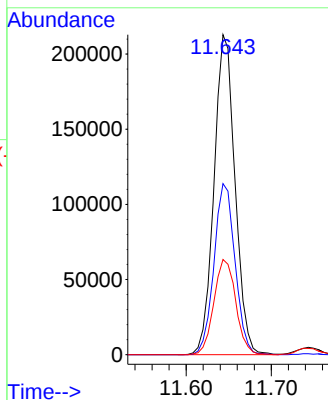
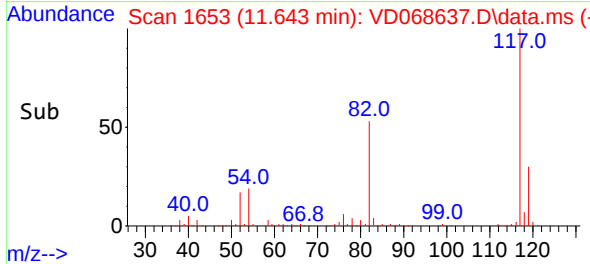
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



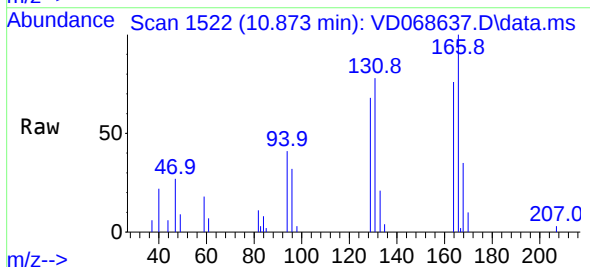
Tgt Ion:117 Resp: 365699
Ion Ratio Lower Upper
117 100
82 53.5 41.4 62.0
119 29.7 26.1 39.1

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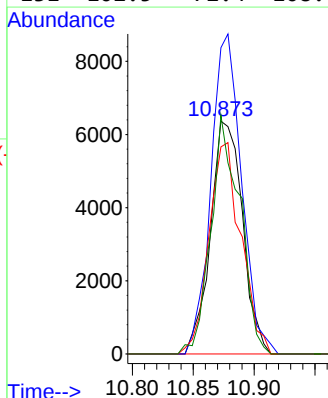
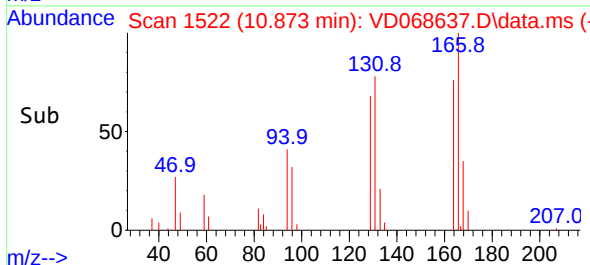
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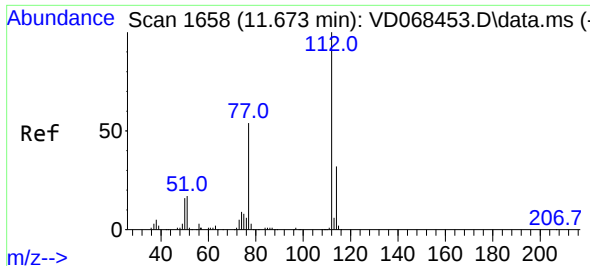


#64
Tetrachloroethene
Concen: 4.87 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



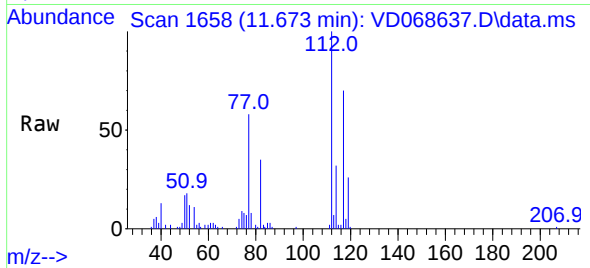
Tgt Ion:164 Resp: 11637
Ion Ratio Lower Upper
164 100
166 131.5 105.5 158.3
129 88.9 75.6 113.4
131 102.5 72.4 108.6





#65
Chlorobenzene
Concen: 4.69 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

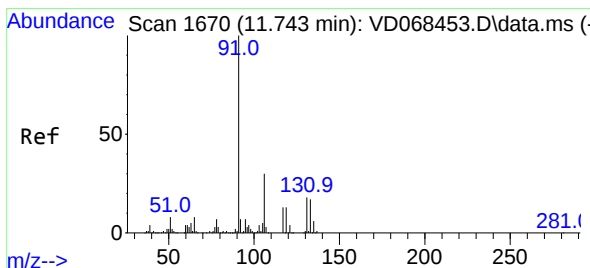
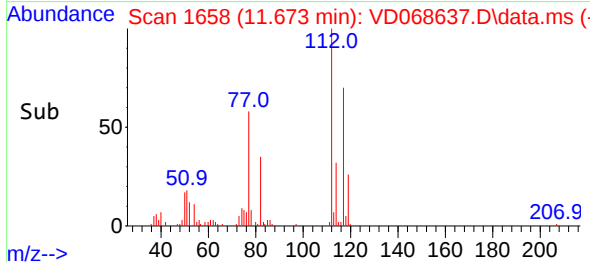
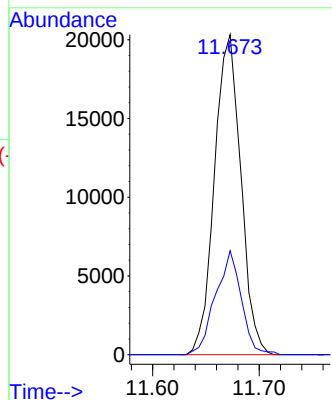
Instrument :
MSVOA_D
ClientSampleId :
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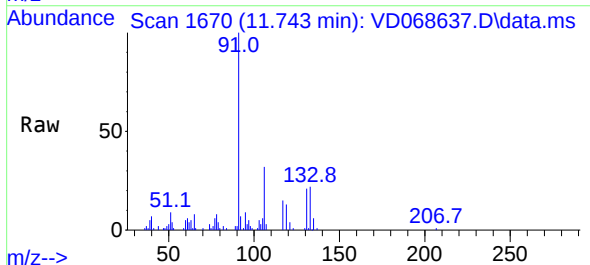
Tgt Ion:112 Resp: 34912
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

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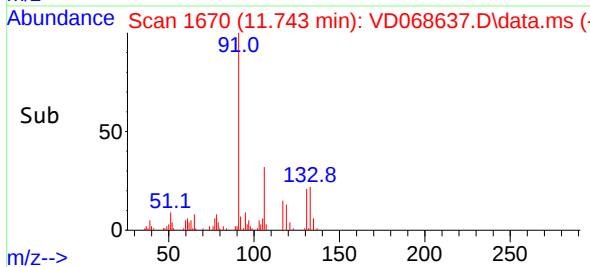
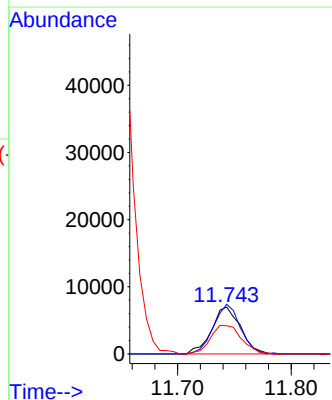
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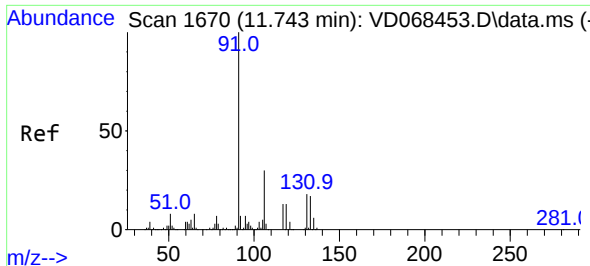


#66
1,1,1,2-Tetrachloroethane
Concen: 4.78 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



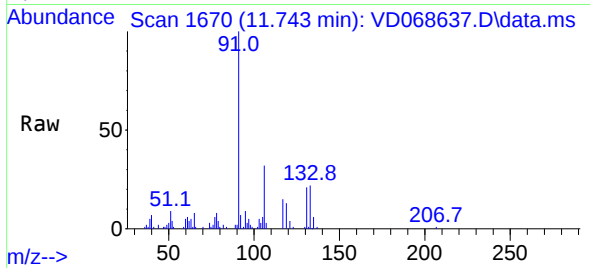
Tgt Ion:131 Resp: 12367
Ion Ratio Lower Upper
131 100
133 98.0 48.1 144.4
119 65.0 31.6 94.8





#67
Ethyl Benzene
Concen: 4.23 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

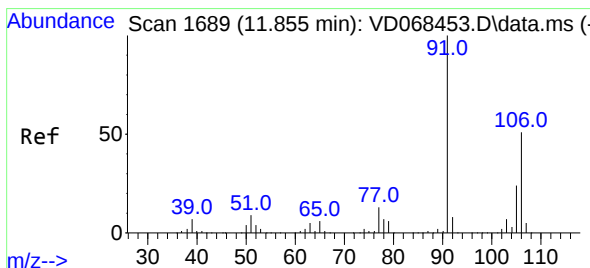
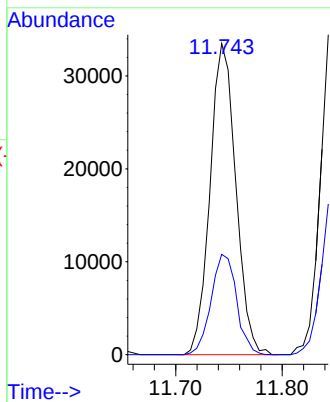
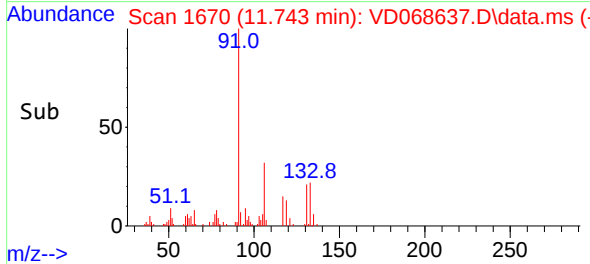
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



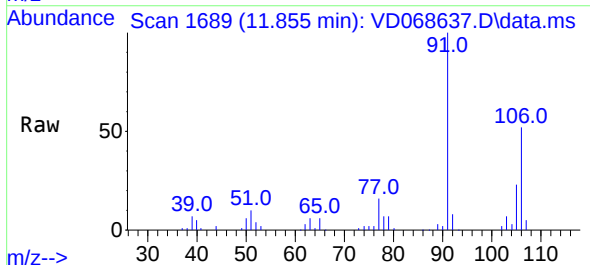
Tgt Ion: 91 Resp: 56237
Ion Ratio Lower Upper
91 100
106 32.3 25.9 38.9

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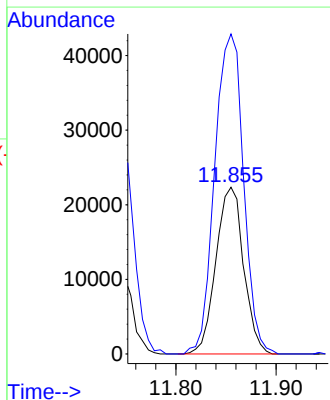
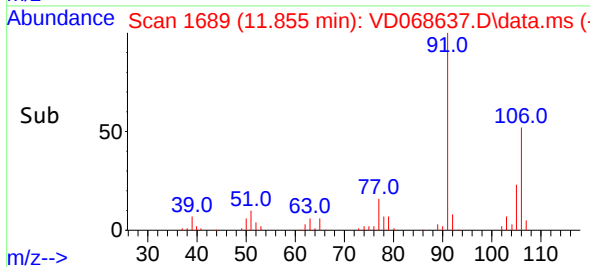
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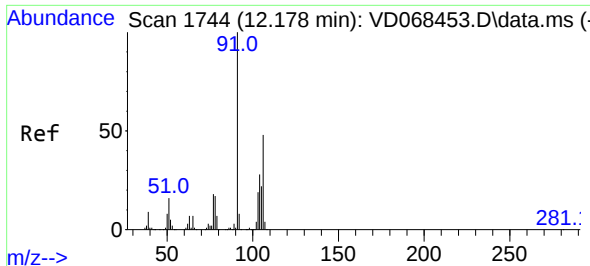


#68
m/p-Xylenes
Concen: 8.49 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



Tgt Ion: 106 Resp: 42846
Ion Ratio Lower Upper
106 100
91 199.7 159.1 238.7





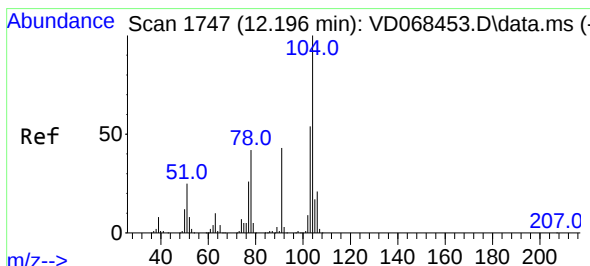
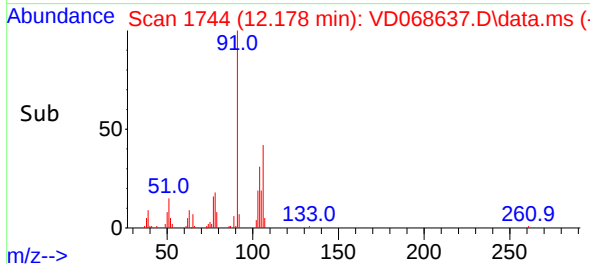
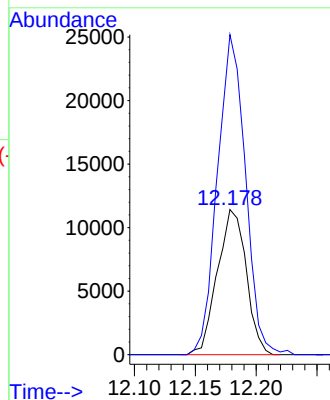
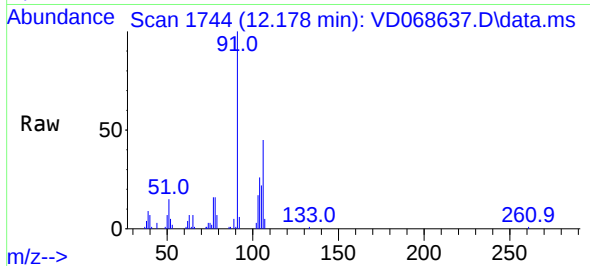
#69
o-Xylene
Concen: 4.05 ug/l
RT: 12.178 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion:106 Resp: 18853
Ion Ratio Lower Upper
106 100
91 213.9 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
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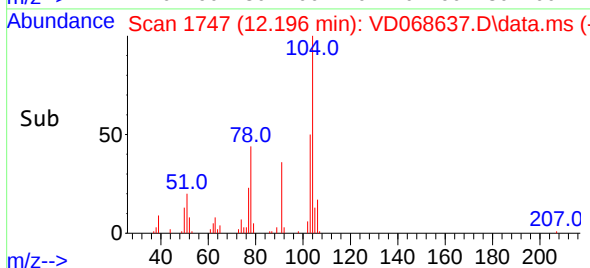
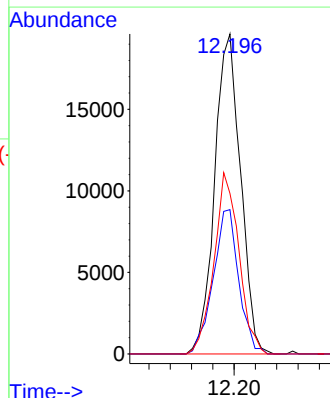
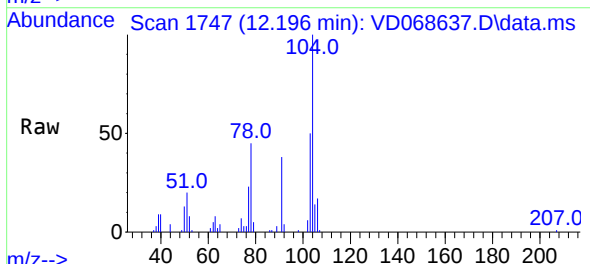
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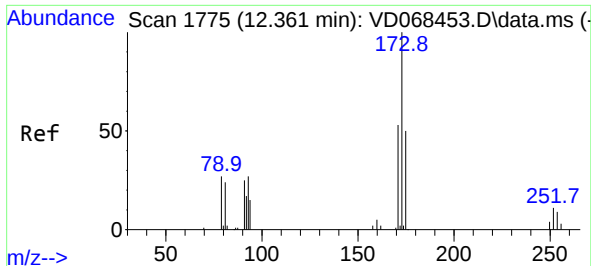
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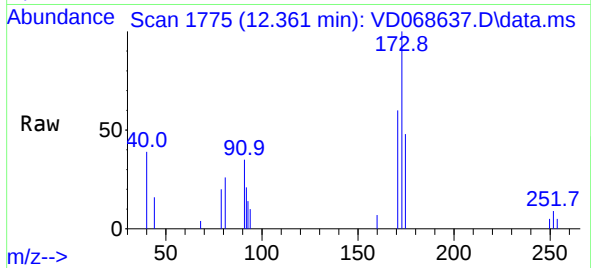
#70
Styrene
Concen: 4.16 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion:104 Resp: 33091
Ion Ratio Lower Upper
104 100
78 44.6 38.2 57.2
103 54.8 43.1 64.7

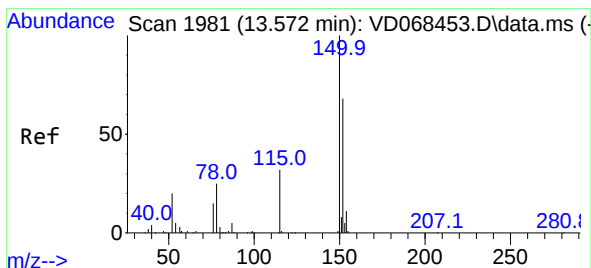
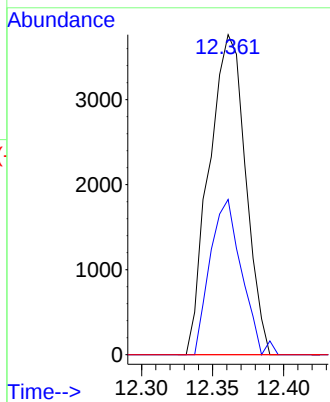
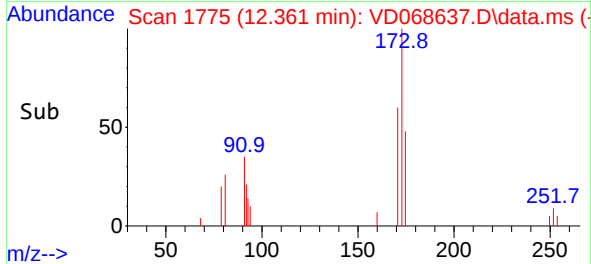




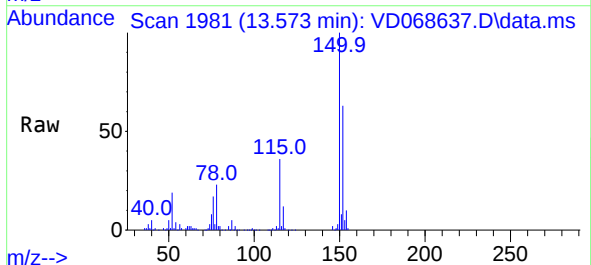
#71
Bromoform
Concen: 5.11 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



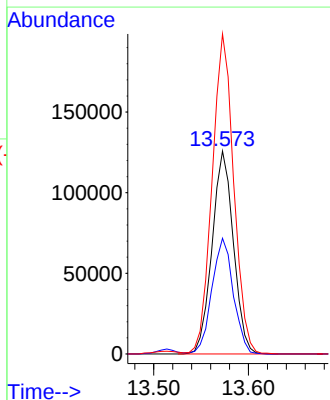
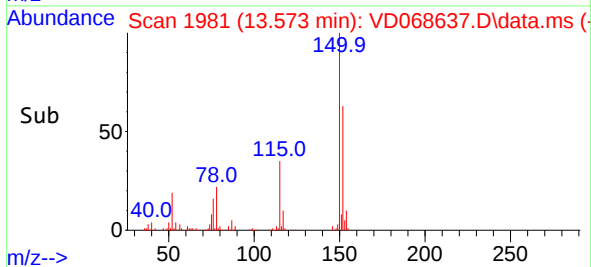
Tgt Ion:173 Resp: 6722
Ion Ratio Lower Upper
173 100
175 41.9 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



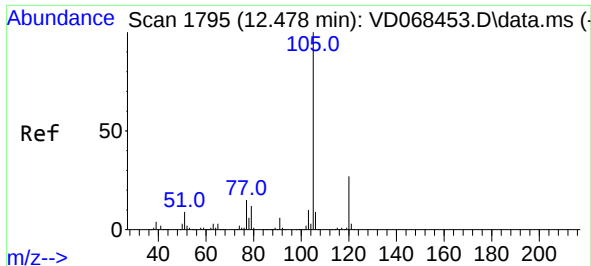
Tgt Ion:152 Resp: 196501
Ion Ratio Lower Upper
152 100
115 57.4 28.9 86.8
150 159.8 0.0 344.4



Instrument :
MSVOA_D
ClientSampleId :
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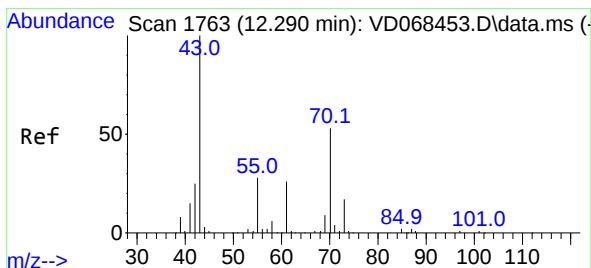
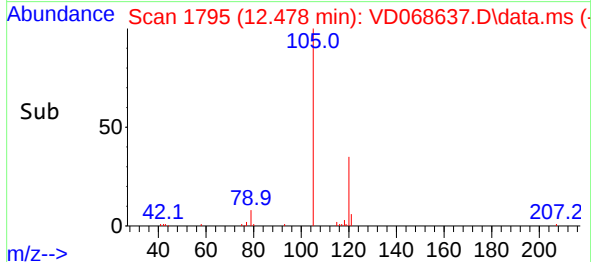
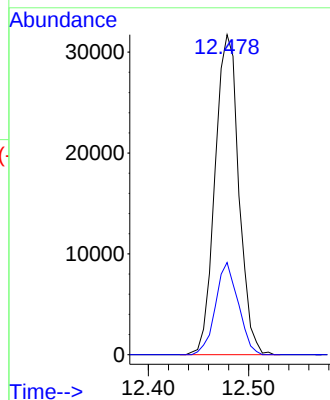
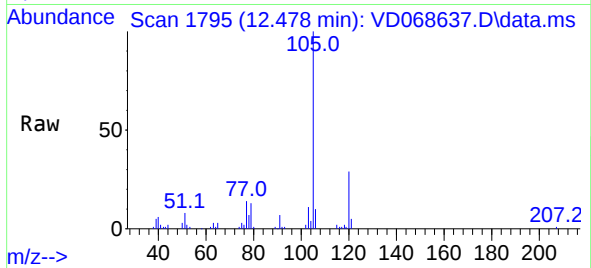
#73
Isopropylbenzene
Concen: 3.59 ug/l
RT: 12.478 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion: 105 Resp: 52340
Ion Ratio Lower Upper
105 100
120 27.5 13.2 39.6

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

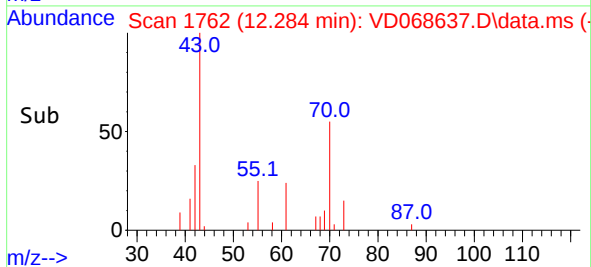
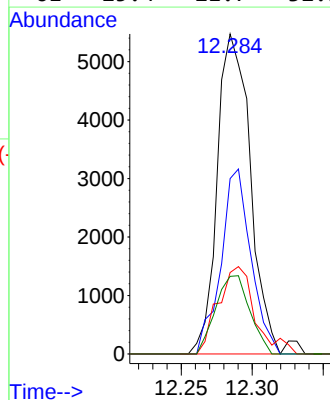
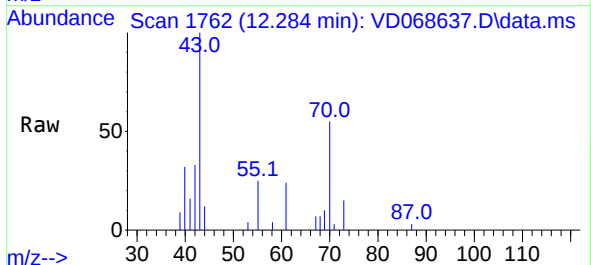
Manual Integrations
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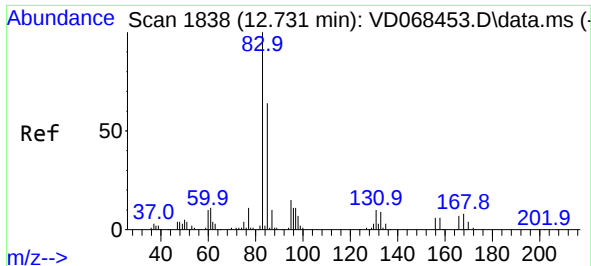
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#74
N-ethyl acetate
Concen: 3.55 ug/l
RT: 12.284 min Scan# 1762
Delta R.T. -0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion: 43 Resp: 8806
Ion Ratio Lower Upper
43 100
70 52.9 41.8 62.8
55 30.5 24.2 36.4
61 25.4 21.7 32.5





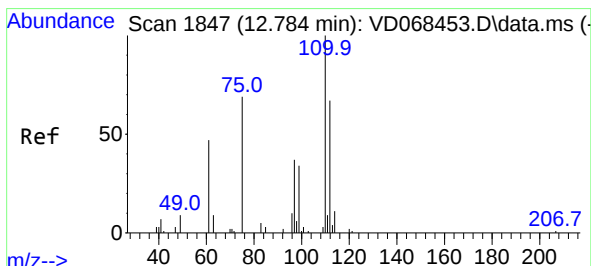
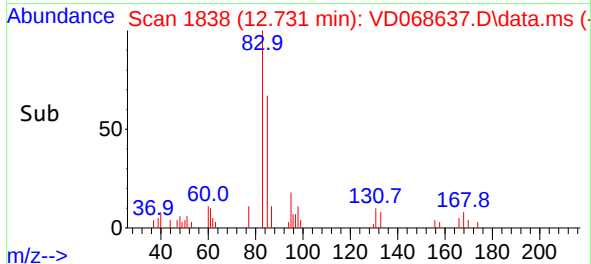
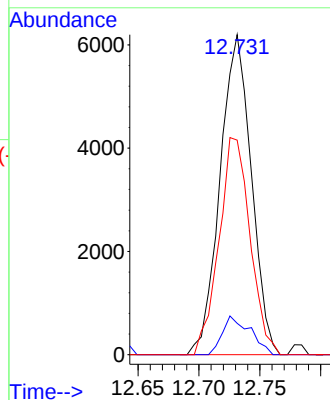
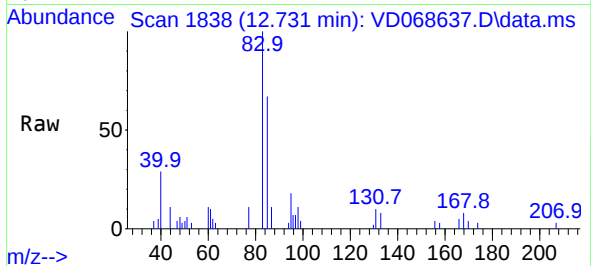
#75
1,1,2,2-Tetrachloroethane
Concen: 4.41 ug/l
RT: 12.731 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion: 83 Resp: 11069
Ion Ratio Lower Upper
83 100
131 10.7 5.8 17.4
85 67.6 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

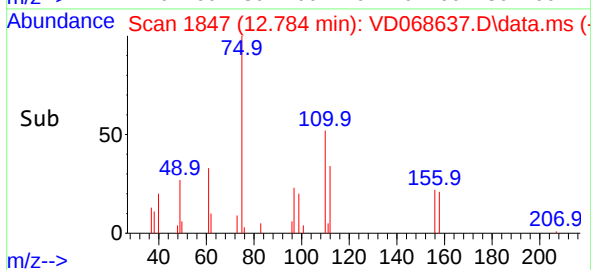
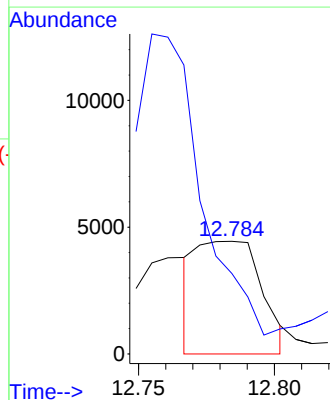
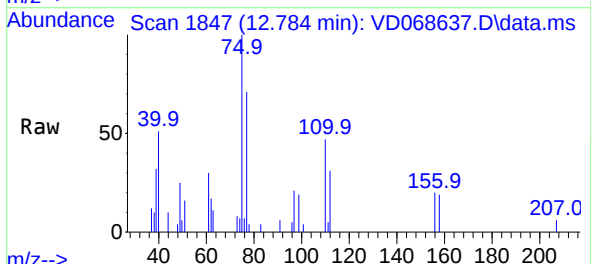
Manual Integrations
APPROVED

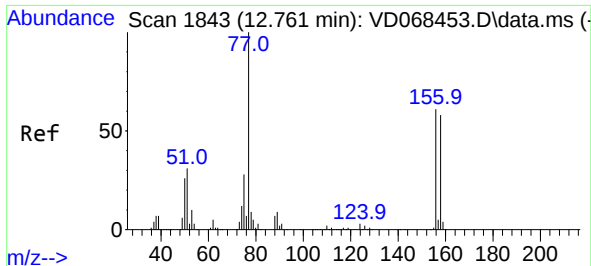
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#76
1,2,3-Trichloropropane
Concen: 4.24 ug/l m
RT: 12.784 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion: 75 Resp: 7393
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





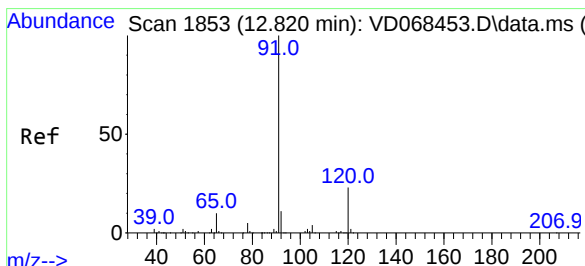
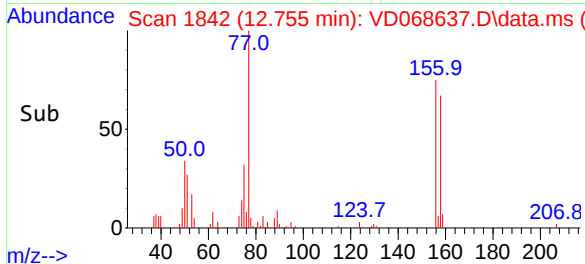
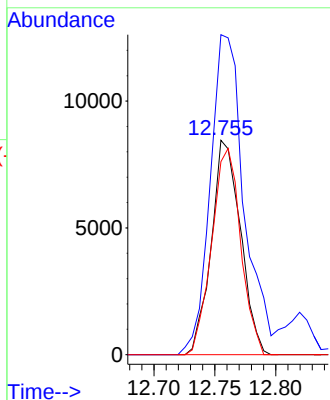
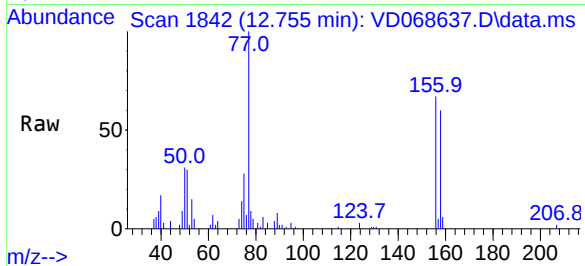
#77
Bromobenzene
Concen: 4.25 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion: 156 Resp: 14143
Ion Ratio Lower Upper
156 100
77 174.6 82.8 248.3
158 95.3 48.0 144.0

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

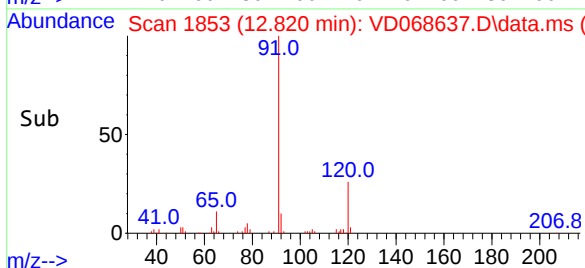
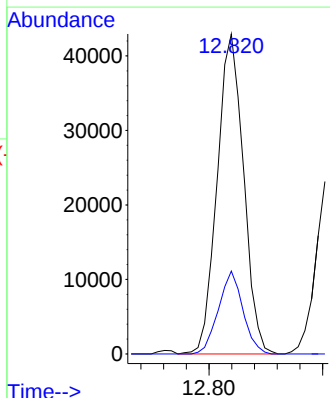
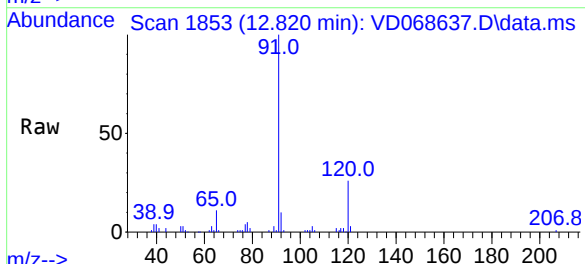
Manual Integrations
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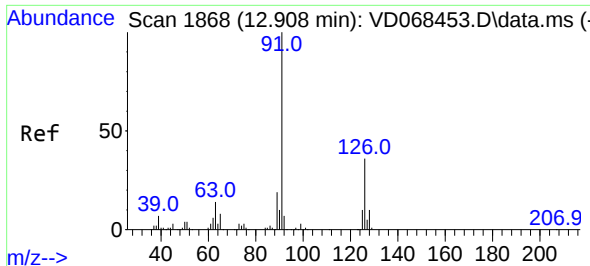
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#78
n-propylbenzene
Concen: 3.97 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

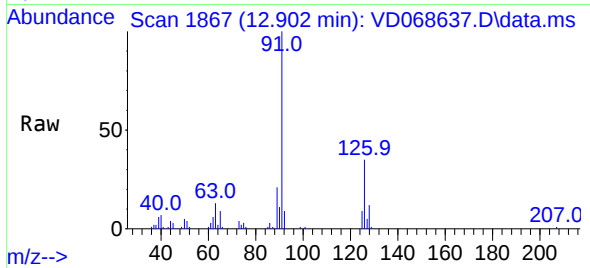
Tgt Ion: 91 Resp: 69216
Ion Ratio Lower Upper
91 100
120 24.0 12.0 36.0





#79
2-Chlorotoluene
Concen: 4.10 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

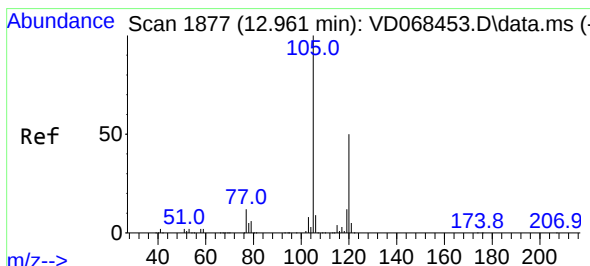
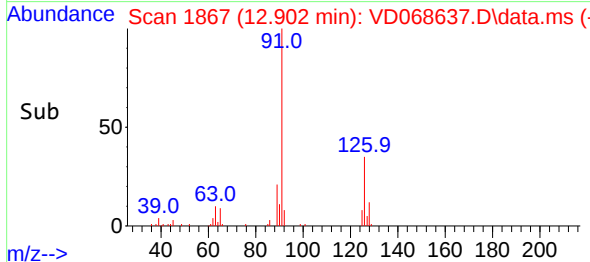
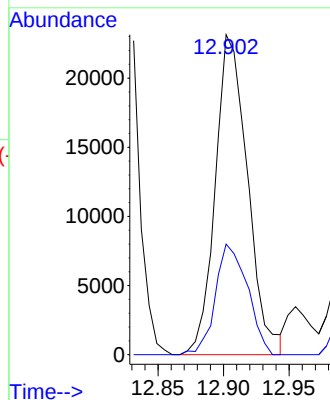
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 91 Resp: 39627
Ion Ratio Lower Upper
91 100
126 34.4 17.8 53.5

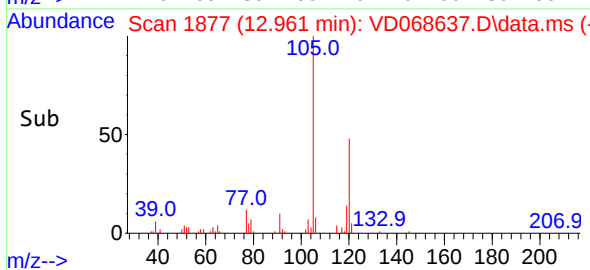
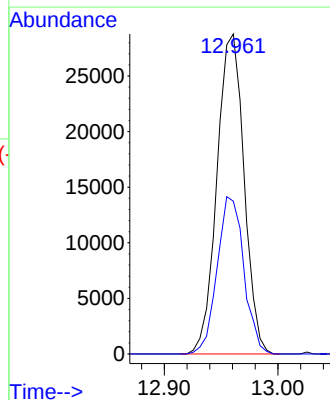
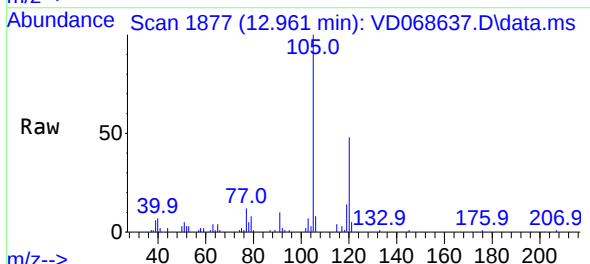
Manual Integrations
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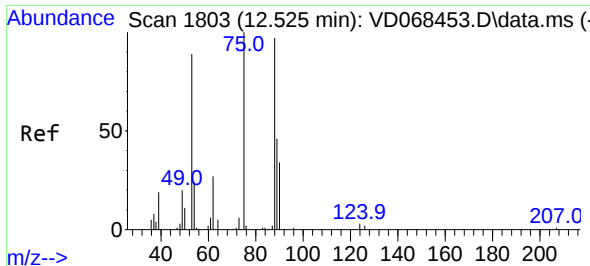
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#80
1,3,5-Trimethylbenzene
Concen: 3.99 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

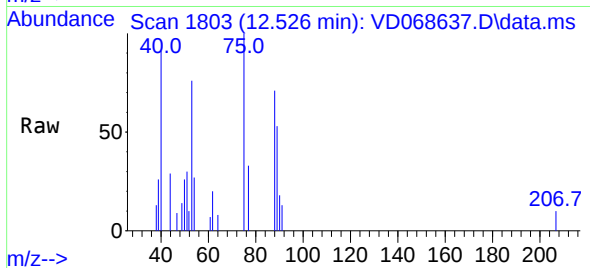
Tgt Ion: 105 Resp: 47705
Ion Ratio Lower Upper
105 100
120 48.4 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 4.15 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

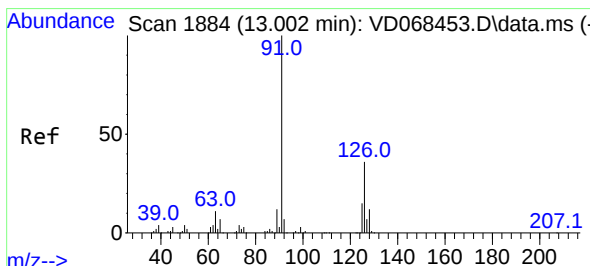
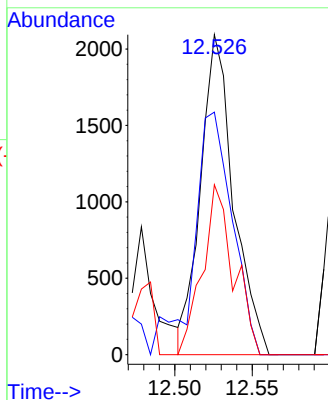
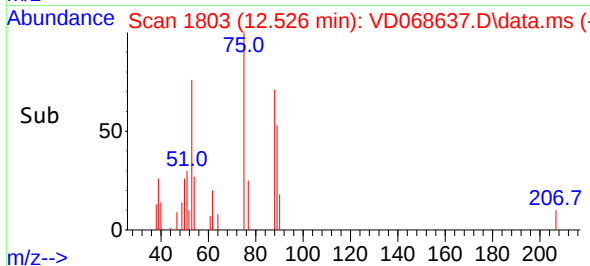
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



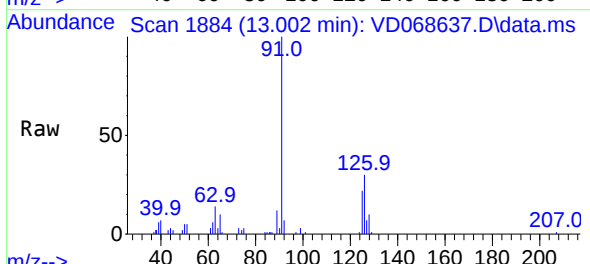
Tgt Ion: 75 Resp: 3099
Ion Ratio Lower Upper
75 100
53 88.0 70.2 105.2
89 50.5 40.3 60.5

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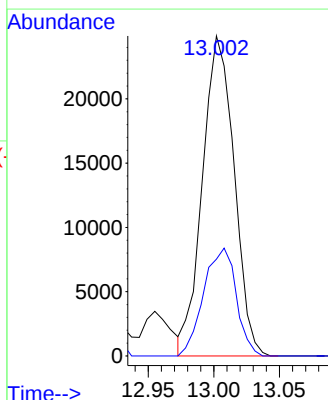
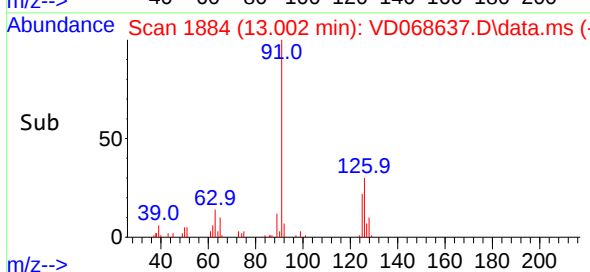
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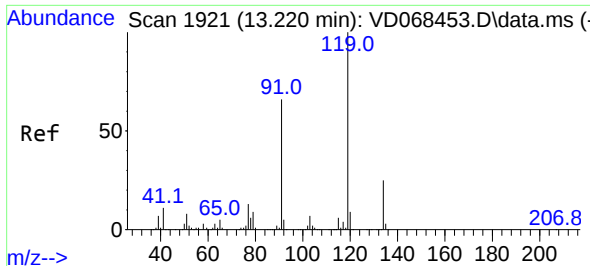


#82
4-Chlorotoluene
Concen: 4.12 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



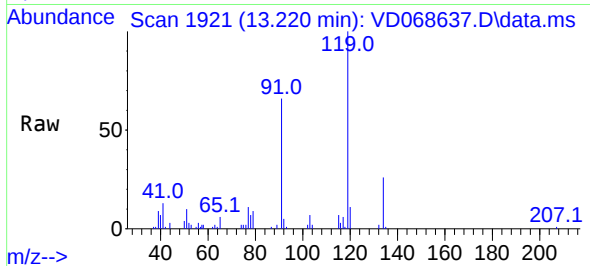
Tgt Ion: 91 Resp: 41873
Ion Ratio Lower Upper
91 100
126 34.6 17.7 53.1





#83
tert-Butylbenzene
Concen: 3.90 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

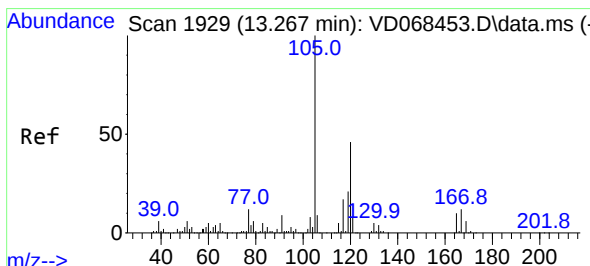
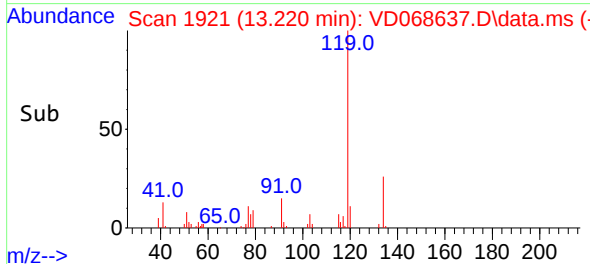
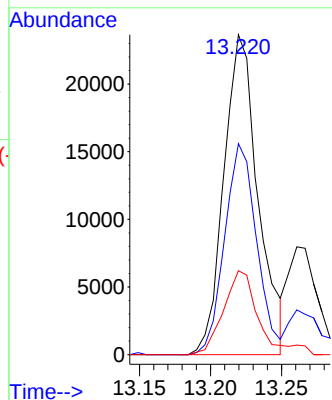
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion:119 Resp: 39688
Ion Ratio Lower Upper
119 100
91 61.7 31.1 93.5
134 26.9 13.3 39.8

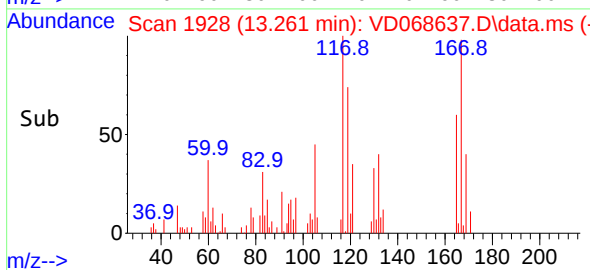
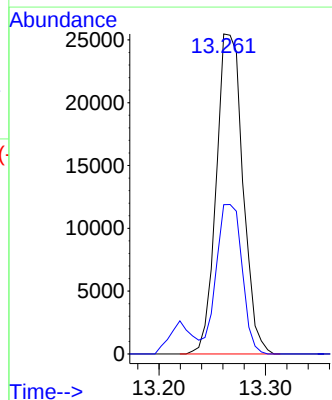
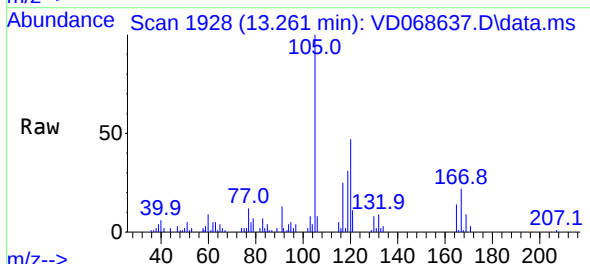
Manual Integrations
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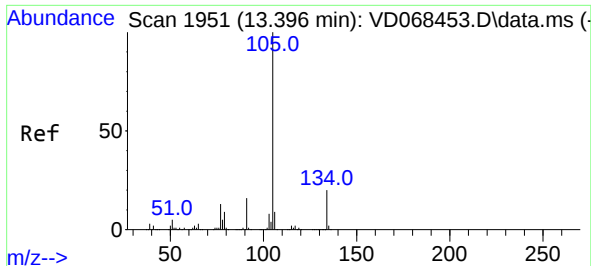
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#84
1,2,4-Trimethylbenzene
Concen: 3.69 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

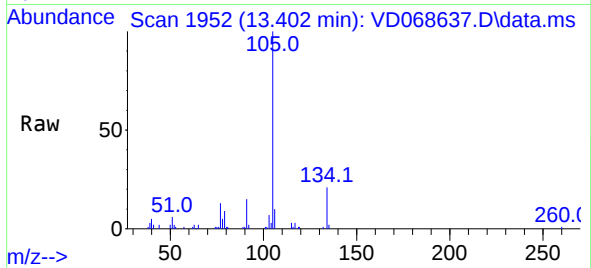
Tgt Ion:105 Resp: 44112
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.0





#85
sec-Butylbenzene
Concen: 3.91 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

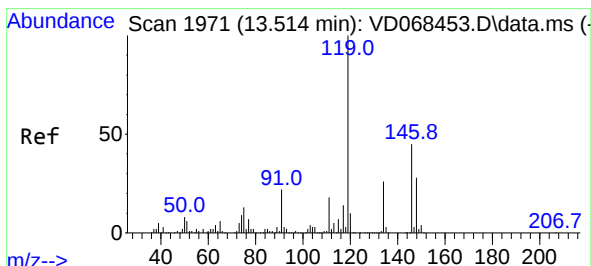
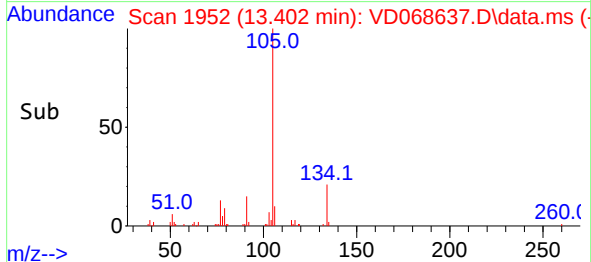
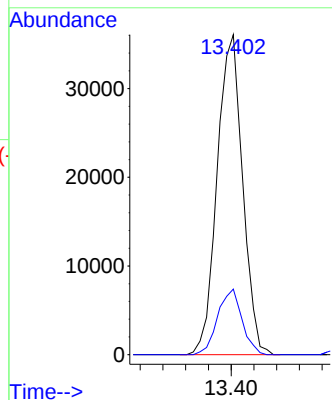
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion:105 Resp: 56125
Ion Ratio Lower Upper
105 100
134 19.6 10.3 30.9

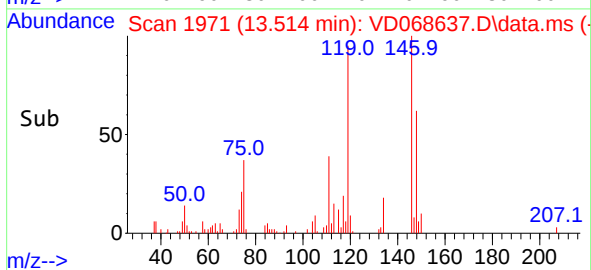
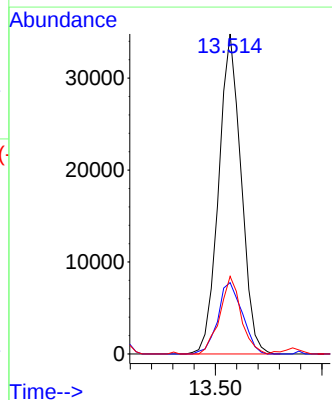
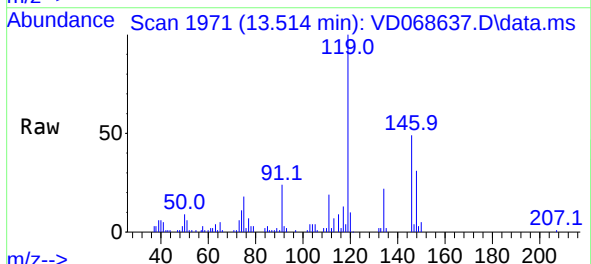
Manual Integrations
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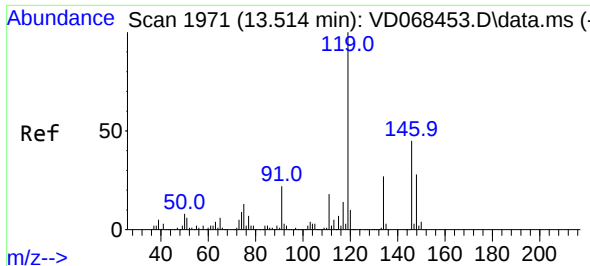
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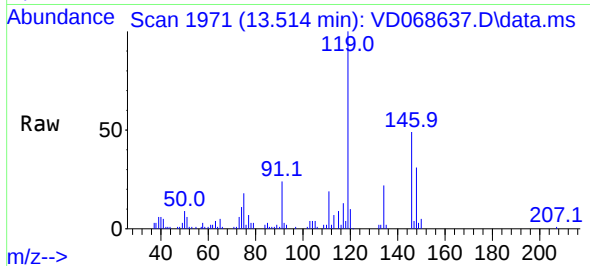
#86
p-Isopropyltoluene
Concen: 3.89 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

Tgt Ion:119 Resp: 50786
Ion Ratio Lower Upper
119 100
134 24.3 12.9 38.7
91 22.9 11.7 35.0

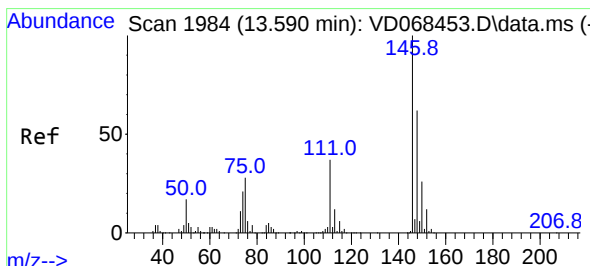
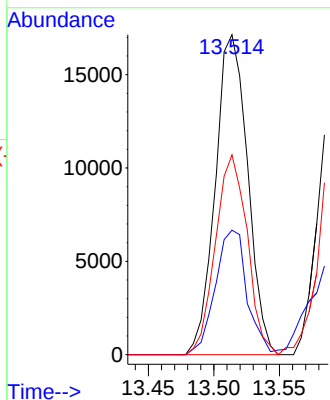
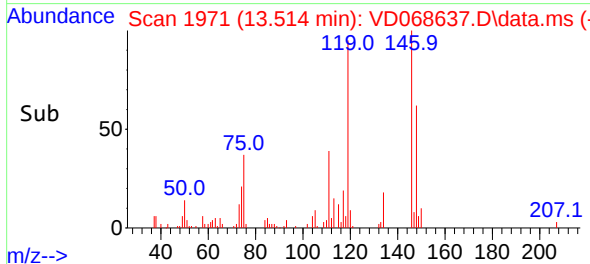




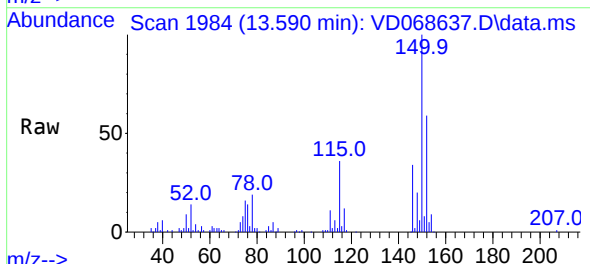
#87
1,3-Dichlorobenzene
Concen: 4.58 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



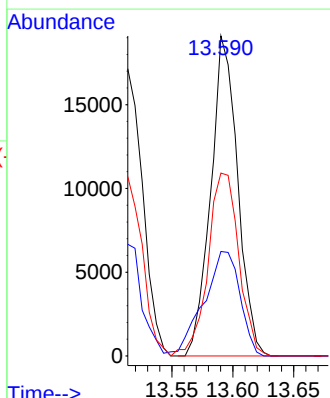
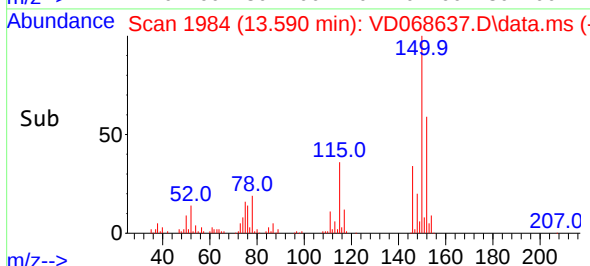
Tgt Ion:146 Resp: 29392
Ion Ratio Lower Upper
146 100
111 38.5 19.5 58.5
148 61.4 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 4.62 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



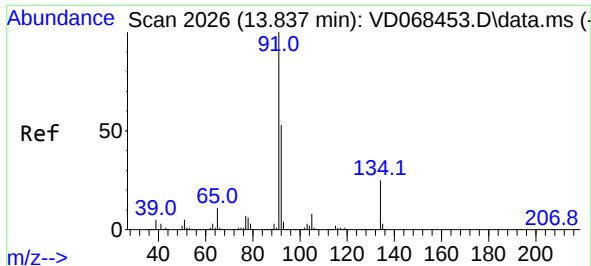
Tgt Ion:146 Resp: 29387
Ion Ratio Lower Upper
146 100
111 43.8 19.1 57.1
148 65.3 31.9 95.7



Instrument :
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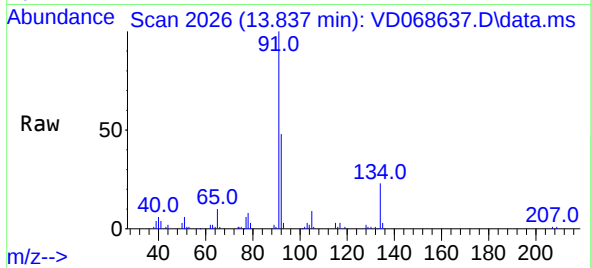
Manual Integrations
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#89
n-Butylbenzene
Concen: 4.00 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

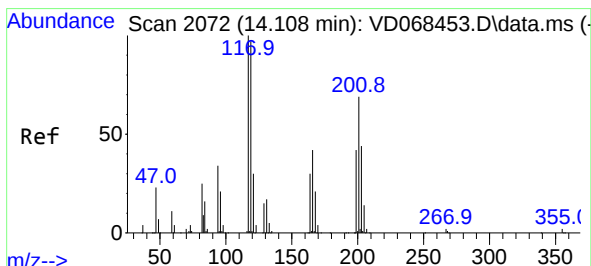
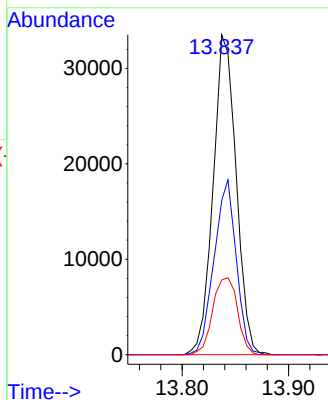
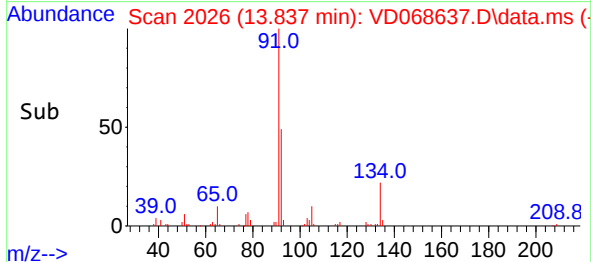
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



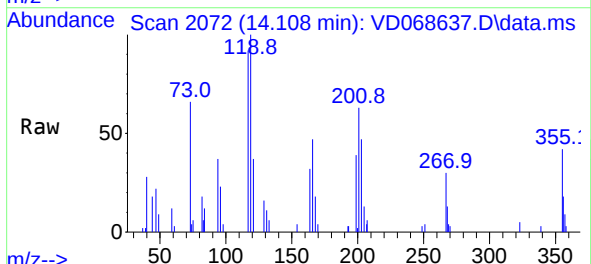
Tgt Ion: 91 Resp: 50329
Ion Ratio Lower Upper
91 100
92 52.4 27.2 81.6
134 25.8 13.9 41.7

Manual Integrations
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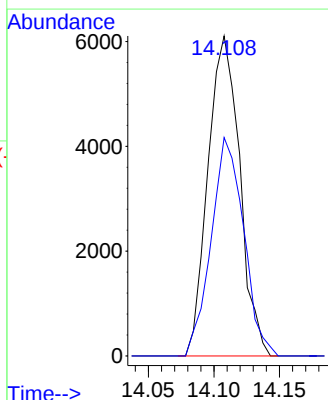
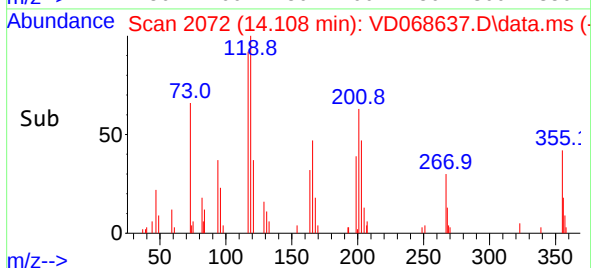
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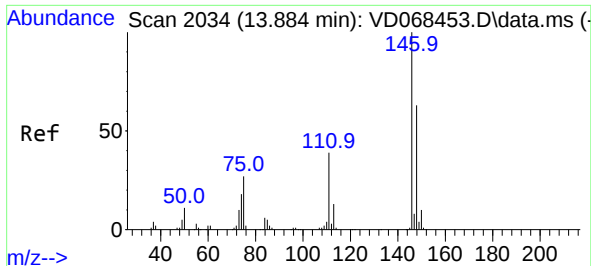


#90
Hexachloroethane
Concen: 3.97 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

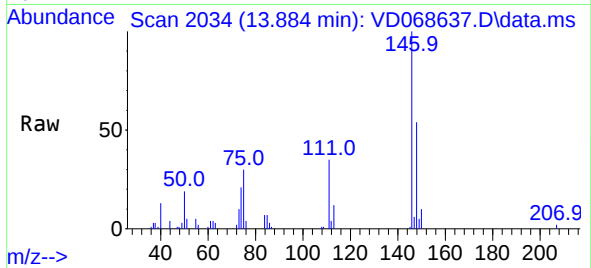


Tgt Ion: 117 Resp: 10285
Ion Ratio Lower Upper
117 100
201 70.0 39.5 118.5

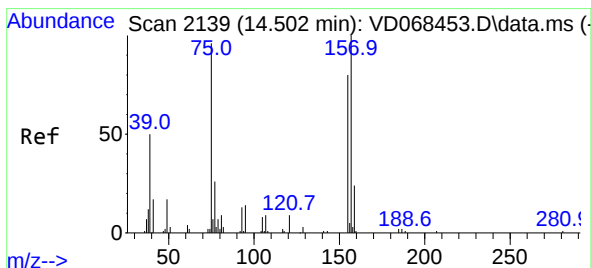
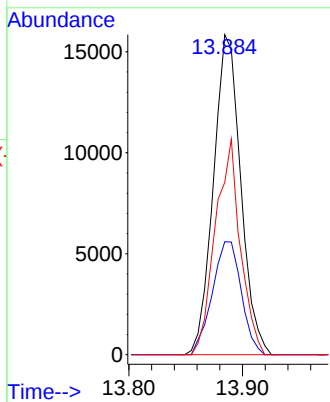
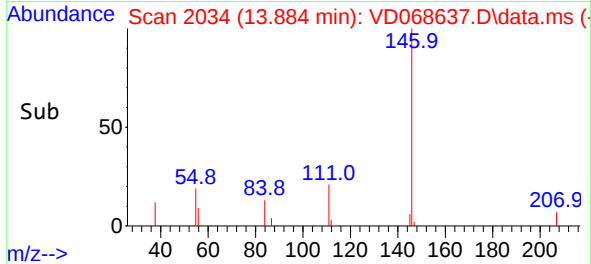




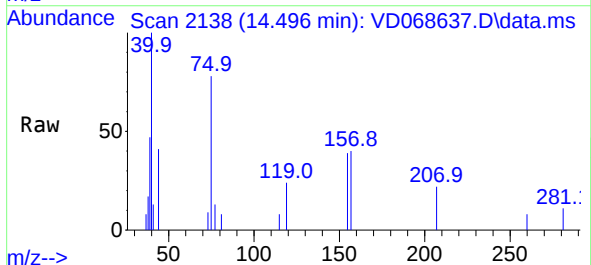
#91
1,2-Dichlorobenzene
Concen: 4.81 ug/l
RT: 13.884 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



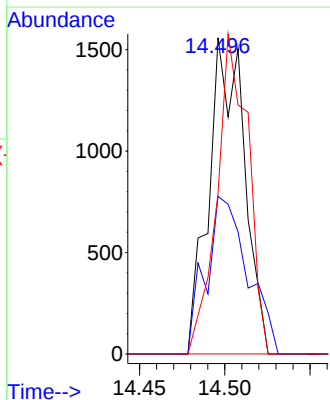
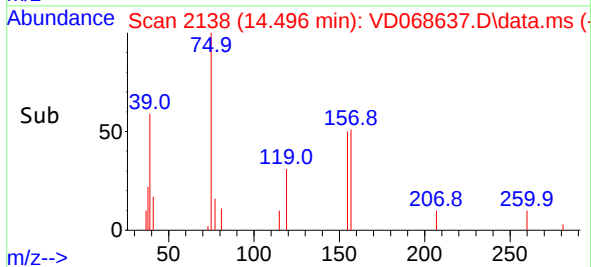
Tgt Ion:146 Resp: 26485
Ion Ratio Lower Upper
146 100
111 37.5 20.3 60.9
148 61.7 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.10 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



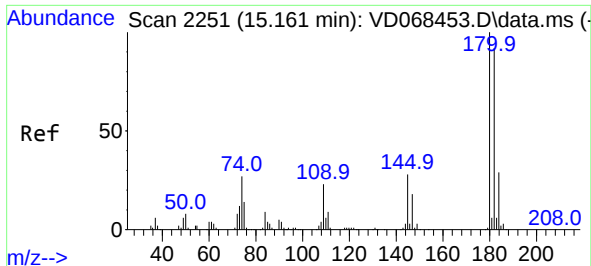
Tgt Ion: 75 Resp: 2256
Ion Ratio Lower Upper
75 100
155 58.5 48.0 144.2
157 88.8 65.0 194.8



Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

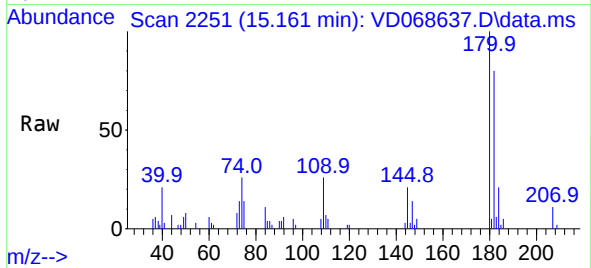
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#93
1,2,4-Trichlorobenzene
Concen: 3.97 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

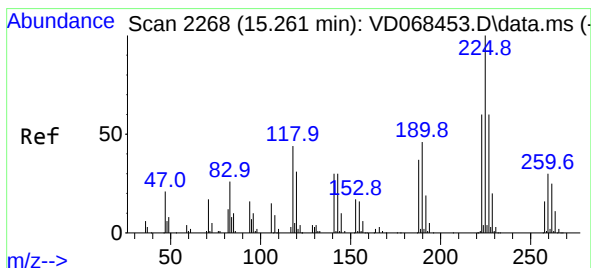
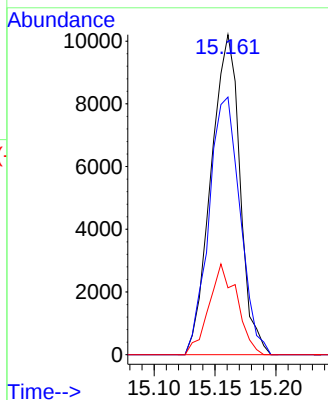
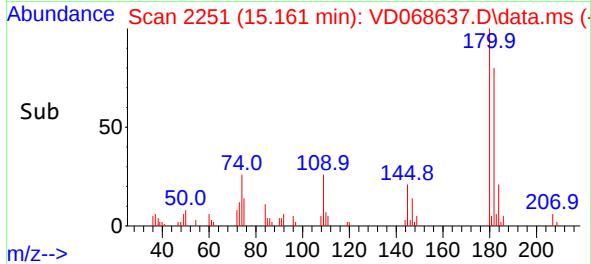
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



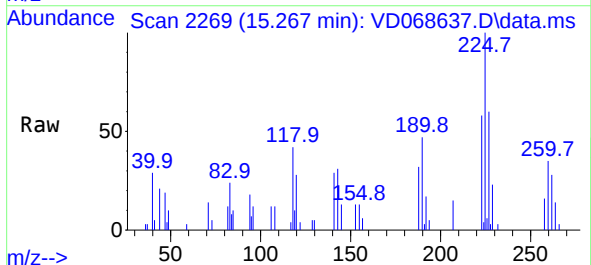
Tgt Ion:180 Resp: 16896
Ion Ratio Lower Upper
180 100
182 86.7 46.8 140.4
145 27.7 15.2 45.5

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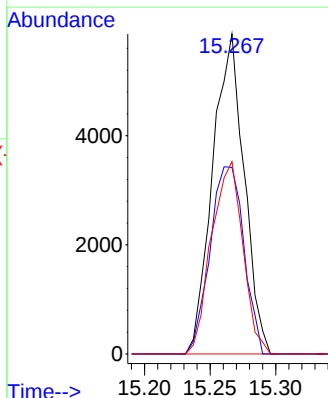
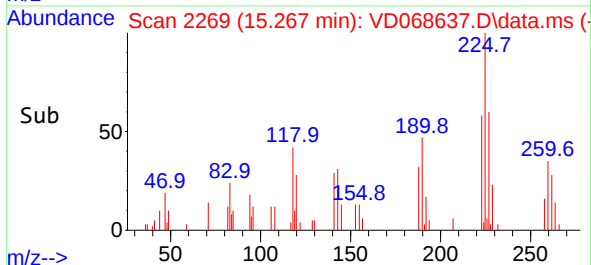
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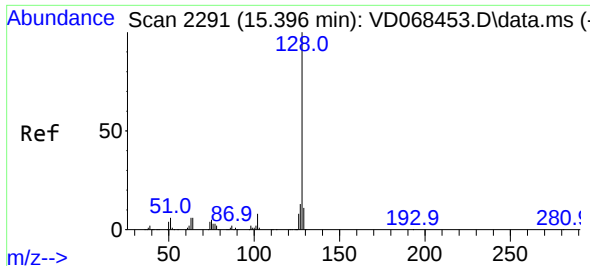


#94
Hexachlorobutadiene
Concen: 4.15 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

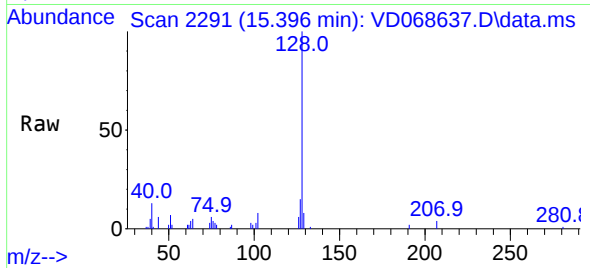


Tgt Ion:225 Resp: 9792
Ion Ratio Lower Upper
225 100
223 62.9 31.9 95.5
227 59.9 32.1 96.5



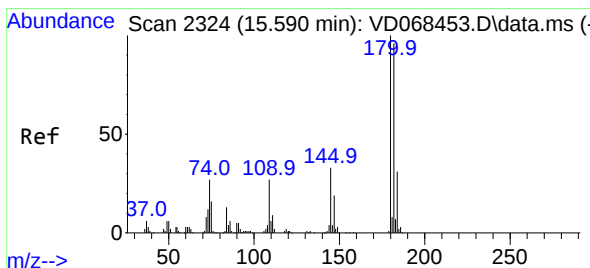
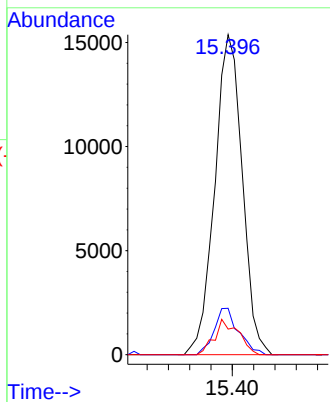
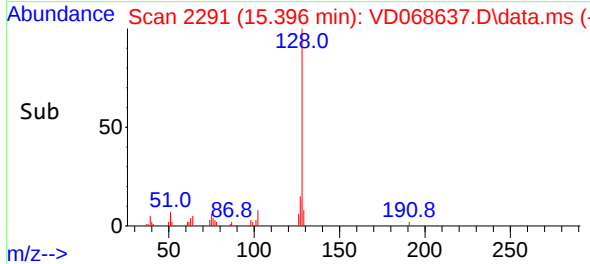


#95
Naphthalene
Concen: 3.57 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57

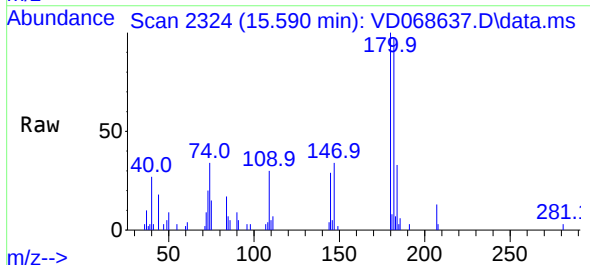


Tgt Ion:128 Resp: 27522

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	9.6	8.8	13.2

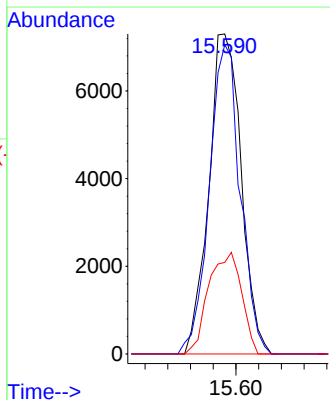
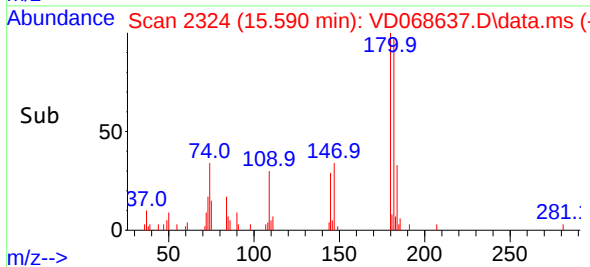


#96
1,2,3-Trichlorobenzene
Concen: 3.92 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068637.D
Acq: 17 Mar 2021 14:57



Tgt Ion:180 Resp: 14440

Ion	Ratio	Lower	Upper
180	100		
182	92.5	48.3	144.8
145	32.3	16.7	50.1



Instrument :
MSVOA_D
ClientSampleId :
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