

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
 Data File : VD068636.D
 Acq On : 17 Mar 2021 14:30
 Operator : VA/SY
 Sample : M1458-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Mar 18 01:29:07 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	230988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	406003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	366386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	193720	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	112774	48.86	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.72%		
35) Dibromofluoromethane	7.914	113	121887	49.84	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.68%		
50) Toluene-d8	10.344	98	456494	46.86	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.72%		
62) 4-Bromofluorobenzene	12.632	95	151369	48.21	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.42%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	6329	2.82	ug/l #	69
3) Chloromethane	2.209	50	8633	3.05	ug/l	94
4) Vinyl Chloride	2.350	62	9685	2.88	ug/l	97
5) Bromomethane	2.773	94	8168	3.41	ug/l	91
6) Chloroethane	2.920	64	6212	2.86	ug/l	95
7) Trichlorofluoromethane	3.279	101	11621	3.03	ug/l	94
8) Diethyl Ether	3.709	74	2949	2.58	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.103	101	7113	3.04	ug/l #	89
10) Methyl Iodide	4.309	142	5695	2.29	ug/l	91
11) Tert butyl alcohol	5.226	59	1145m	9.29	ug/l	
12) 1,1-Dichloroethene	4.067	96	7040	3.03	ug/l	92
13) Acrolein	3.920	56	1735	9.85	ug/l #	49
14) Allyl chloride	4.715	41	7027	2.35	ug/l #	81
15) Acrylonitrile	5.426	53	6826	14.16	ug/l	92
16) Acetone	4.162	43	4799	13.09	ug/l #	85
17) Carbon Disulfide	4.409	76	19926	2.62	ug/l	98
18) Methyl Acetate	4.709	43	2270m	2.40	ug/l	
19) Methyl tert-butyl Ether	5.479	73	13480	2.68	ug/l	95
20) Methylene Chloride	4.962	84	17785	5.72	ug/l	86
21) trans-1,2-Dichloroethene	5.467	96	9125	3.29	ug/l	86
22) Diisopropyl ether	6.367	45	13971	2.12	ug/l #	95
23) Vinyl Acetate	6.303	43	34939	10.21	ug/l	100
24) 1,1-Dichloroethane	6.267	63	12659	2.80	ug/l #	93
25) 2-Butanone	7.220	43	6441	12.22	ug/l #	87
26) 2,2-Dichloropropane	7.208	77	11006	2.92	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	7681	2.53	ug/l	96
28) Bromochloromethane	7.538	49	4347	2.46	ug/l #	94
29) Tetrahydrofuran	7.567	42	4079	11.92	ug/l	93
30) Chloroform	7.714	83	12998	2.72	ug/l #	81
31) Cyclohexane	7.979	56	14410	3.43	ug/l #	72
32) 1,1,1-Trichloroethane	7.903	97	12390	3.04	ug/l	92
36) 1,1-Dichloropropene	8.108	75	11315	2.93	ug/l	94
37) Ethyl Acetate	7.303	43	2943m	2.30	ug/l	
38) Carbon Tetrachloride	8.091	117	9328	2.57	ug/l	97
39) Methylcyclohexane	9.361	83	12047	2.53	ug/l	90
40) Benzene	8.350	78	29864	2.70	ug/l	95

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	1487	2.00	ug/l #	69
42) 1,2-Dichloroethane	8.420	62	7450	2.56	ug/l	90
43) Isopropyl Acetate	8.450	43	5028	2.14	ug/l #	71
44) Trichloroethene	9.114	130	8619	2.84	ug/l	92
45) 1,2-Dichloropropane	9.385	63	6880	2.60	ug/l #	85
46) Dibromomethane	9.473	93	3791	2.63	ug/l	91
47) Bromodichloromethane	9.661	83	9879	2.65	ug/l #	85
48) Methyl methacrylate	9.444	41	2944	2.35	ug/l #	93
49) 1,4-Dioxane	9.467	88	710	43.24	ug/l #	65
51) 4-Methyl-2-Pentanone	10.226	43	13775	11.19	ug/l	92
52) Toluene	10.402	92	18860	2.67	ug/l	93
53) t-1,3-Dichloropropene	10.620	75	8499	2.47	ug/l #	81
54) cis-1,3-Dichloropropene	10.091	75	10319	2.46	ug/l #	89
55) 1,1,2-Trichloroethane	10.802	97	5975	3.00	ug/l #	86
56) Ethyl methacrylate	10.661	69	4989	2.18	ug/l #	85
57) 1,3-Dichloropropane	10.944	76	8740	2.51	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.938	63	15161	13.20	ug/l	90
59) 2-Hexanone	10.985	43	9536	11.62	ug/l	90
60) Dibromochloromethane	11.138	129	6016	2.44	ug/l	96
61) 1,2-Dibromoethane	11.244	107	4750	2.44	ug/l	99
64) Tetrachloroethene	10.879	164	7589	3.17	ug/l	88
65) Chlorobenzene	11.667	112	19944	2.67	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.744	131	7471	2.88	ug/l	92
67) Ethyl Benzene	11.744	91	33389	2.51	ug/l	94
68) m/p-Xylenes	11.855	106	25027	4.95	ug/l	95
69) o-Xylene	12.179	106	11505	2.47	ug/l	90
70) Styrene	12.191	104	17676	2.22	ug/l	98
71) Bromoform	12.355	173	3306	2.51	ug/l #	82
73) Isopropylbenzene	12.479	105	31254	2.18	ug/l	99
74) N-amyl acetate	12.291	43	4352	1.78	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	5139	2.08	ug/l	92
76) 1,2,3-Trichloropropane	12.785	75	4188m	2.44	ug/l	
77) Bromobenzene	12.755	156	8060	2.46	ug/l	88
78) n-propylbenzene	12.820	91	41043	2.39	ug/l	99
79) 2-Chlorotoluene	12.908	91	24935	2.62	ug/l	91
80) 1,3,5-Trimethylbenzene	12.955	105	27361	2.32	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.520	75	1573m	2.13	ug/l	
82) 4-Chlorotoluene	12.996	91	25320	2.53	ug/l	97
83) tert-Butylbenzene	13.220	119	24492	2.44	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	26576	2.25	ug/l	100
85) sec-Butylbenzene	13.402	105	34220	2.42	ug/l	100
86) p-Isopropyltoluene	13.514	119	29199	2.27	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	16650	2.63	ug/l	97
88) 1,4-Dichlorobenzene	13.591	146	18875	3.01	ug/l	91
89) n-Butylbenzene	13.838	91	30863	2.49	ug/l	94
90) Hexachloroethane	14.108	117	6249	2.45	ug/l	91
91) 1,2-Dichlorobenzene	13.885	146	15023	2.77	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.502	75	1029	2.36	ug/l	76
93) 1,2,4-Trichlorobenzene	15.155	180	9929	2.37	ug/l	97
94) Hexachlorobutadiene	15.261	225	6385	2.74	ug/l	98
95) Naphthalene	15.396	128	16762	2.21	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.585	180	8624	2.37	ug/l	96

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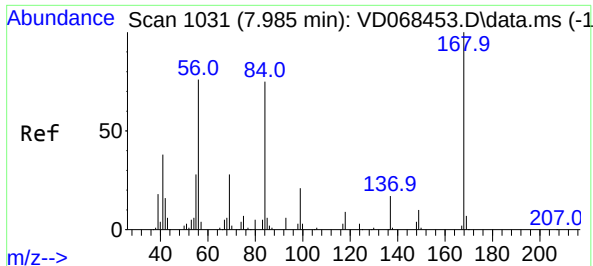
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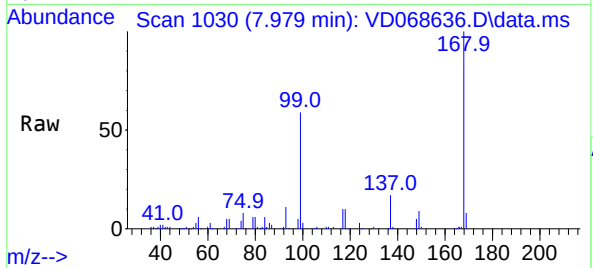
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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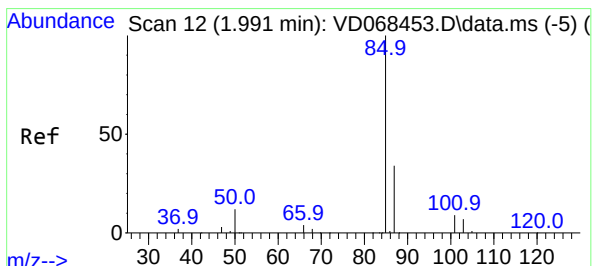
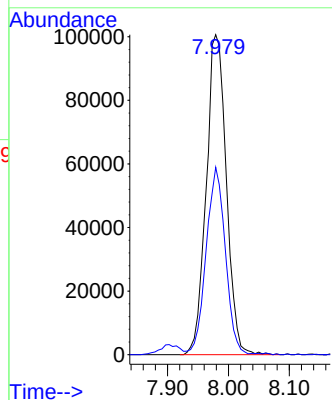
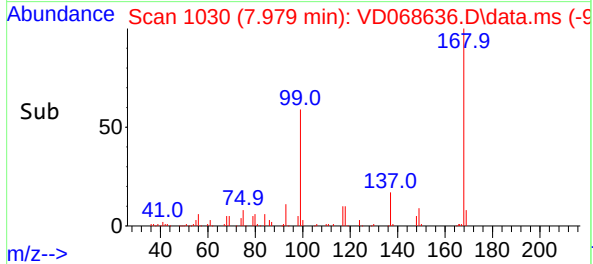
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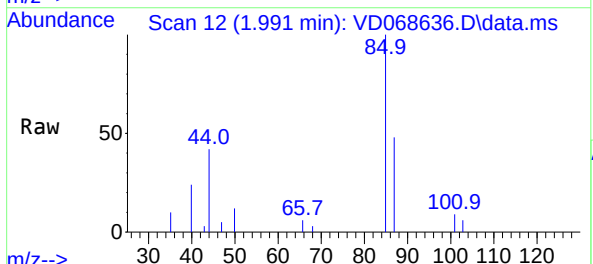
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Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
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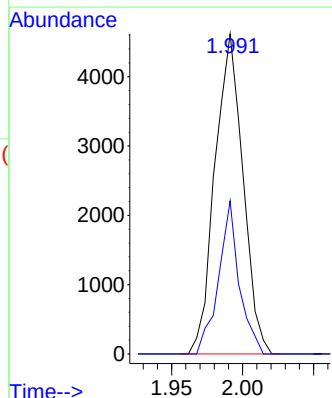
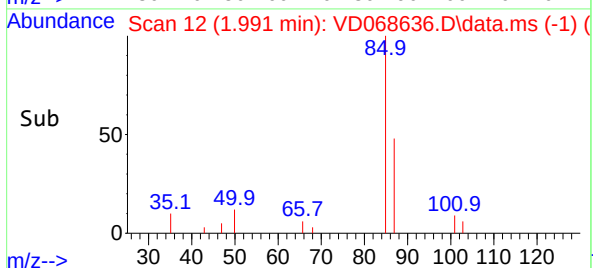
Tgt Ion: 168 Resp: 230988
Ion Ratio Lower Upper
168 100
99 58.5 43.5 65.3



#2
Dichlorodifluoromethane
Concen: 2.82 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



Tgt Ion: 85 Resp: 6329
Ion Ratio Lower Upper
85 100
87 47.8 15.4 46.1#

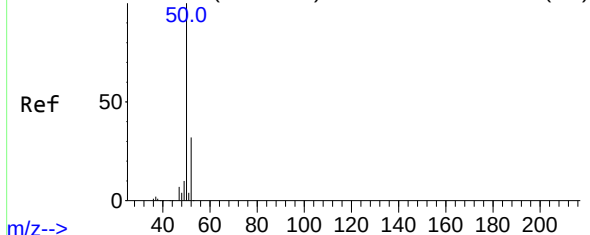


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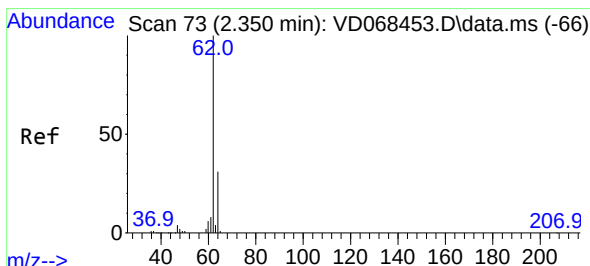
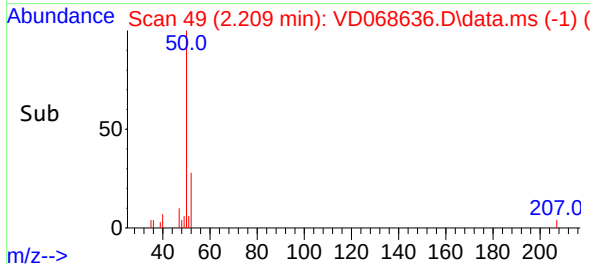
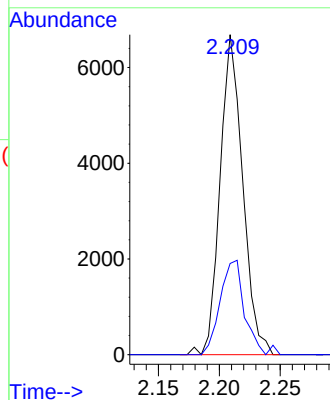
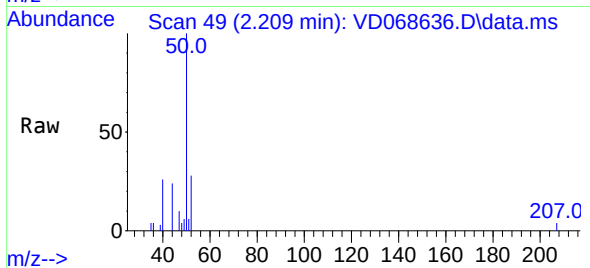
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Abundance Scan 49 (2.208 min): VD068453.D\data.ms (-42)



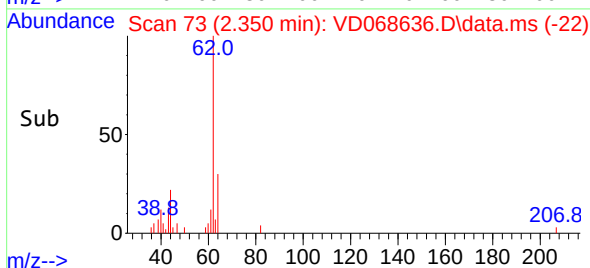
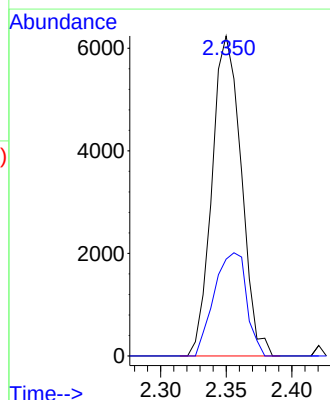
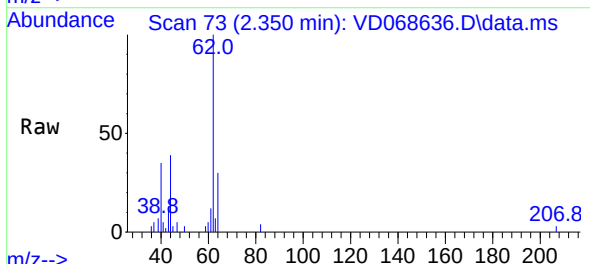
#3
Chloromethane
Concen: 3.05 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion: 50 Resp: 8633
Ion Ratio Lower Upper
50 100
52 28.5 25.4 38.2



#4
Vinyl Chloride
Concen: 2.88 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

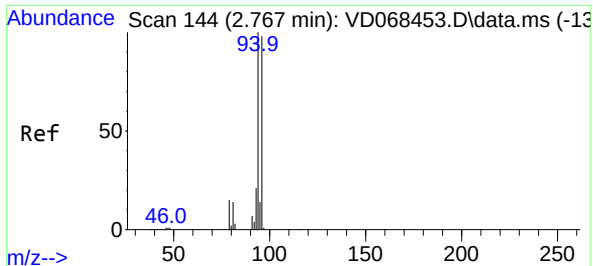
Tgt Ion: 62 Resp: 9685
Ion Ratio Lower Upper
62 100
64 30.3 25.4 38.2



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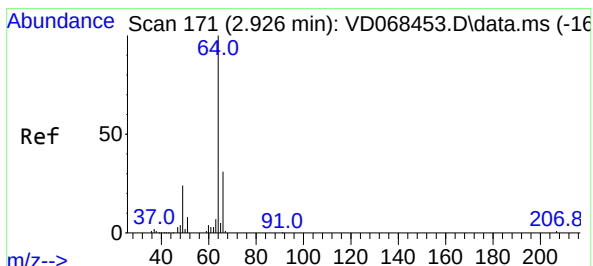
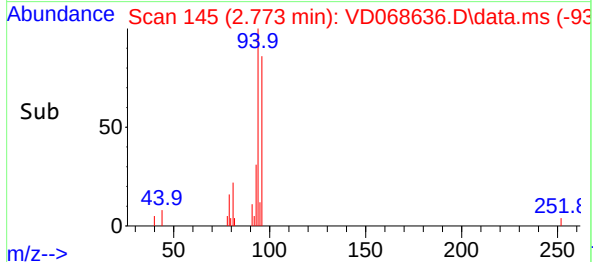
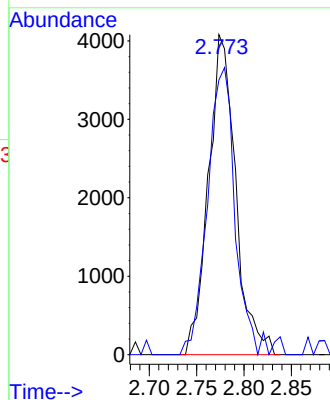
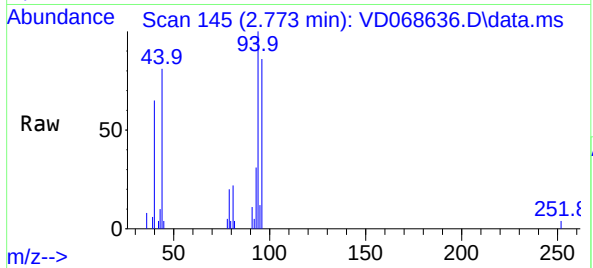
#5
Bromomethane
Concen: 3.41 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion: 94 Resp: 8168
Ion Ratio Lower Upper
94 100
96 85.8 75.8 113.8

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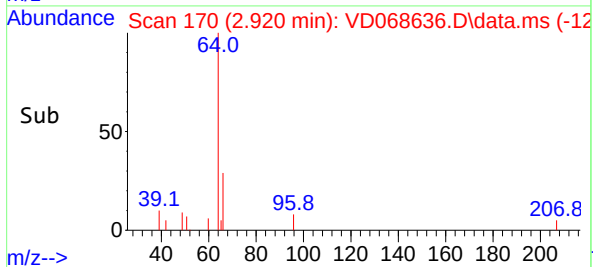
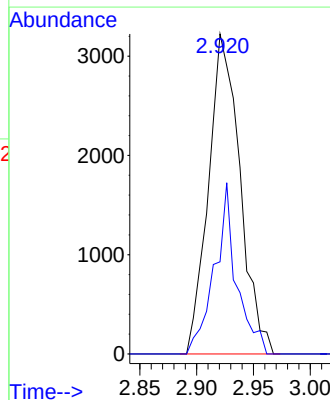
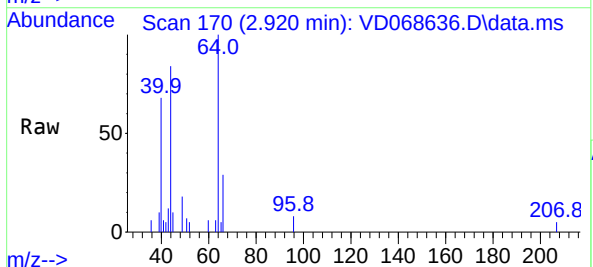
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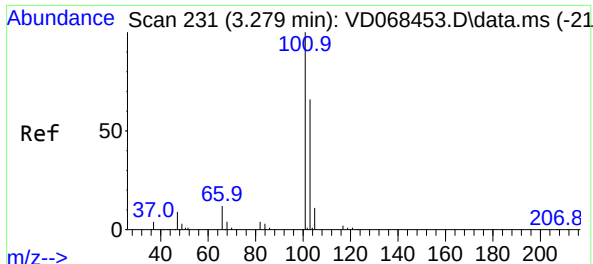
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#6
Chloroethane
Concen: 2.86 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion: 64 Resp: 6212
Ion Ratio Lower Upper
64 100
66 28.8 25.1 37.7





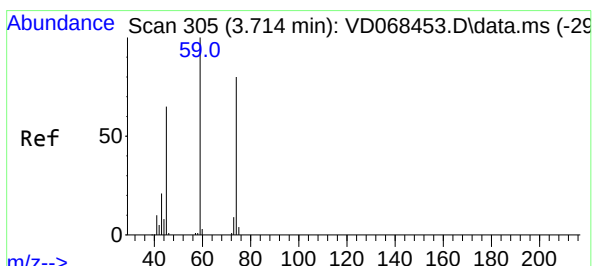
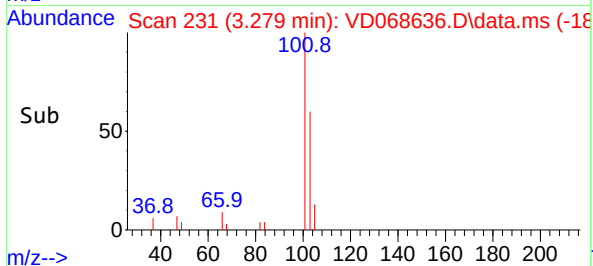
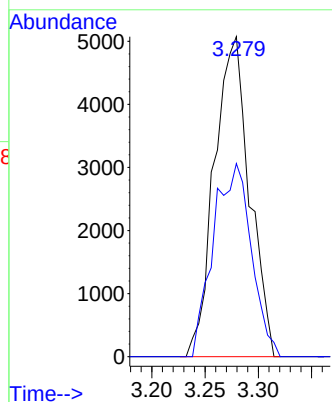
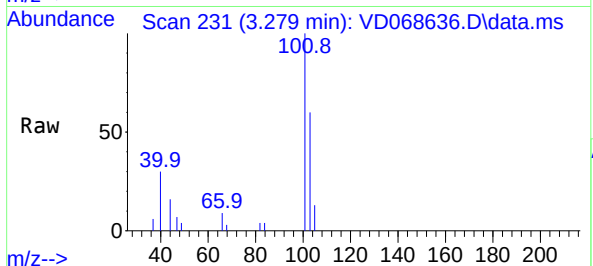
#7
Trichlorofluoromethane
Concen: 3.03 ug/l
RT: 3.279 min Scan# 231
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion:101 Resp: 11621
Ion Ratio Lower Upper
101 100
103 60.4 52.0 78.0

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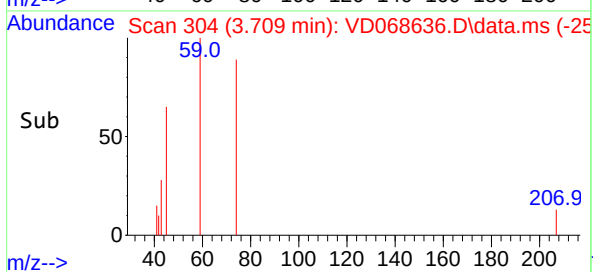
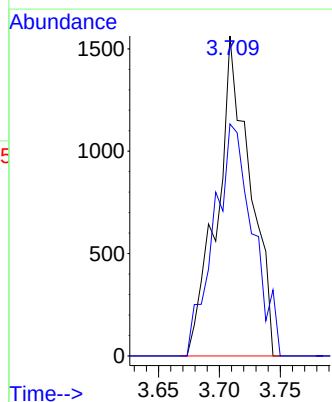
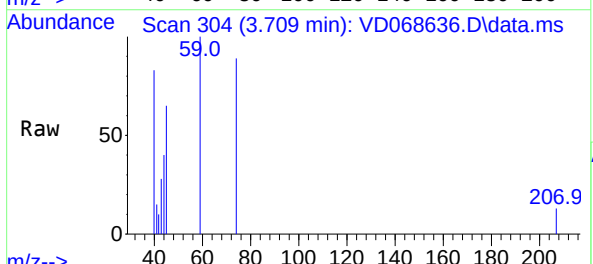
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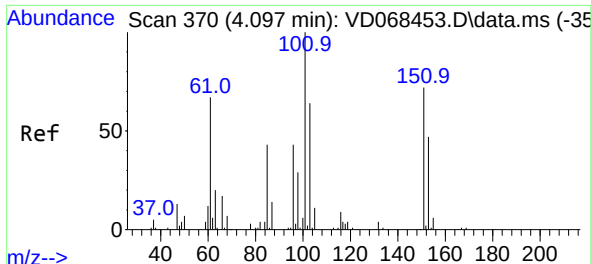
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#8
Diethyl Ether
Concen: 2.58 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.005 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion: 74 Resp: 2949
Ion Ratio Lower Upper
74 100
45 85.5 42.1 126.4





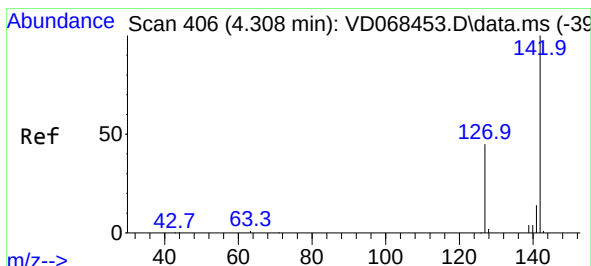
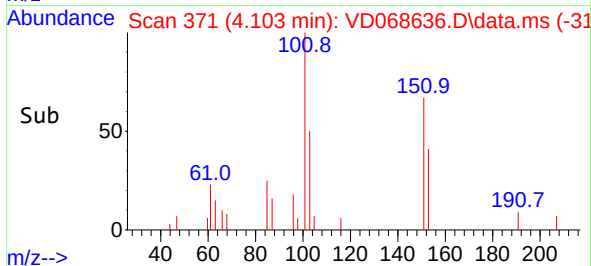
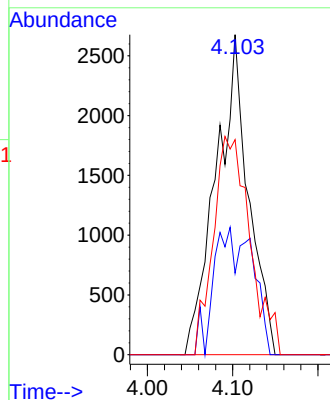
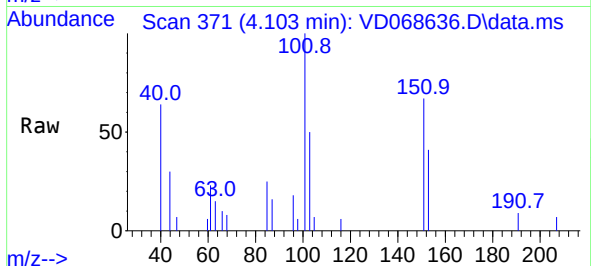
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.04 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.006 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion:101 Resp: 7113
Ion Ratio Lower Upper
101 100
85 26.2 34.0 51.0#
151 76.8 64.1 96.1

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

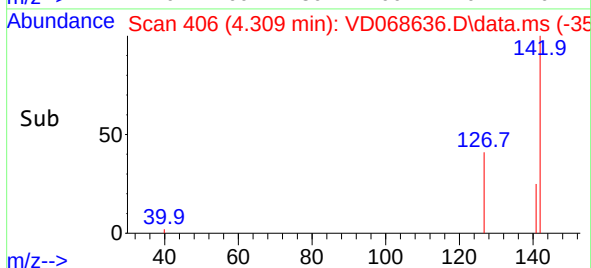
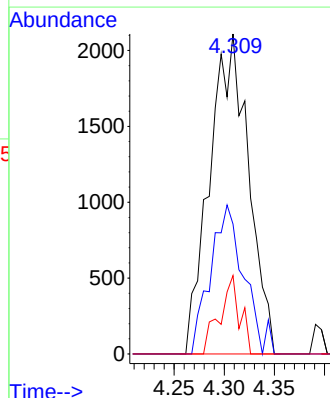
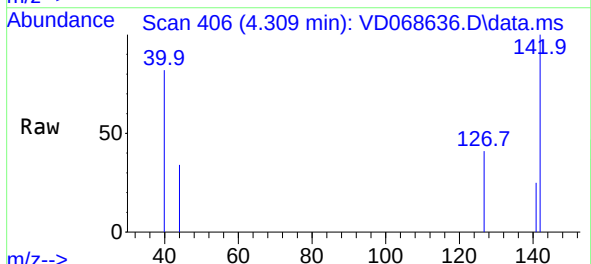
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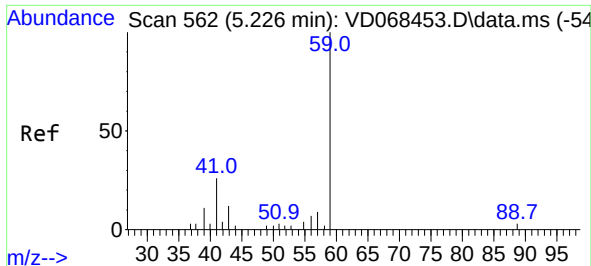
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#10
Methyl Iodide
Concen: 2.29 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion:142 Resp: 5695
Ion Ratio Lower Upper
142 100
127 40.1 37.9 56.9
141 12.6 11.5 17.3

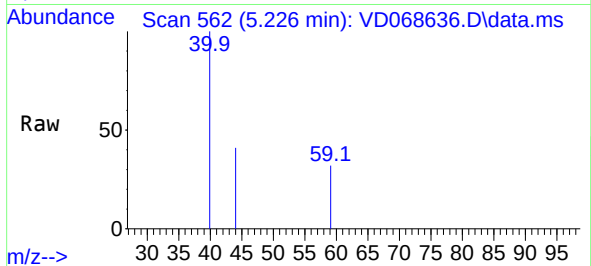




#11

Tert butyl alcohol
Concen: 9.29 ug/l m
RT: 5.226 min Scan# 562
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

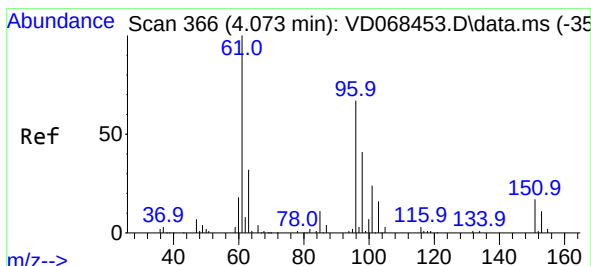
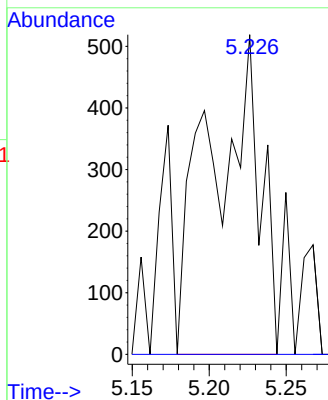
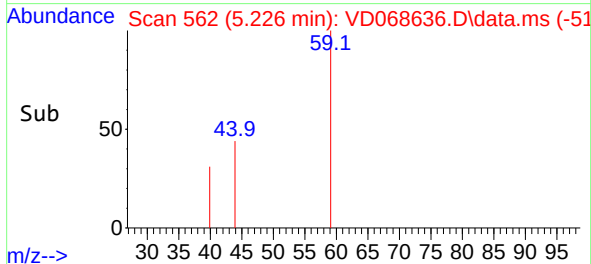
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 59 Resp: 1145
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

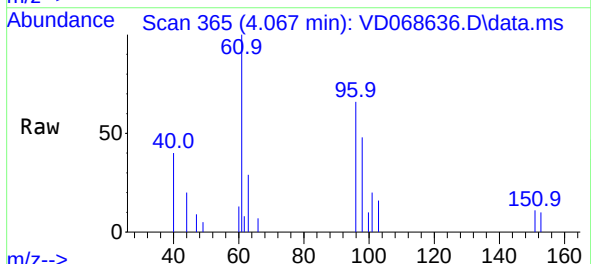
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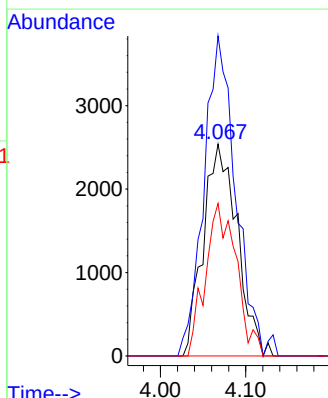
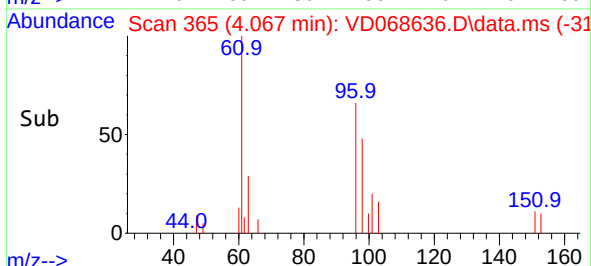


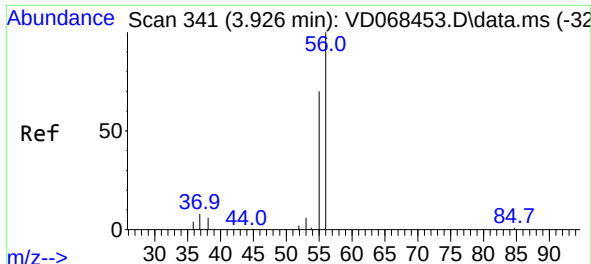
#12

1,1-Dichloroethene
Concen: 3.03 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.005 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



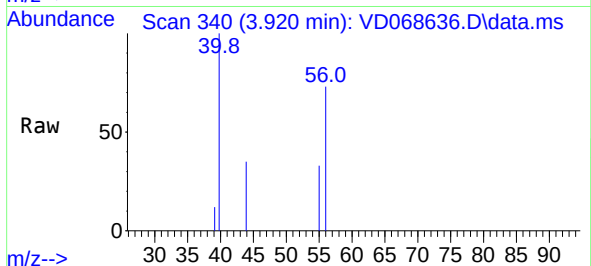
Tgt Ion: 96 Resp: 7040
Ion Ratio Lower Upper
96 100
61 151.1 116.2 174.4
98 72.0 48.6 73.0





#13
Acrolein
Concen: 9.85 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

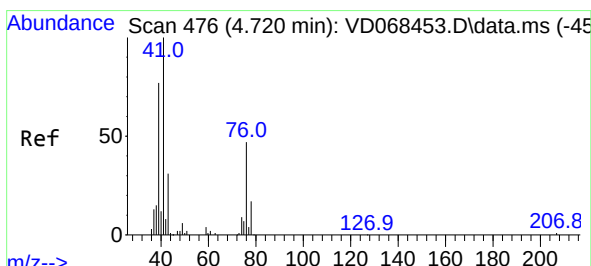
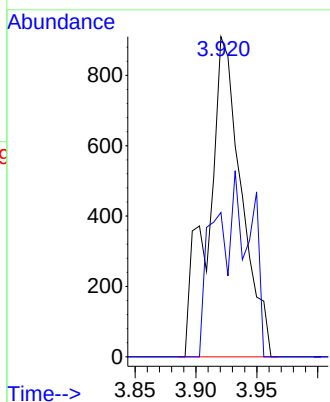
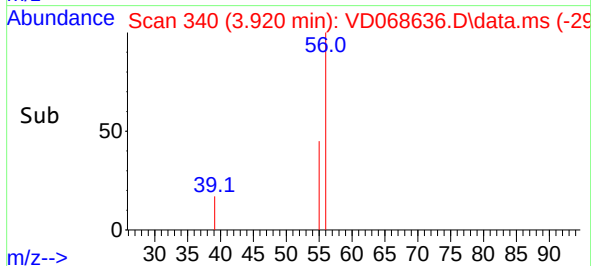
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



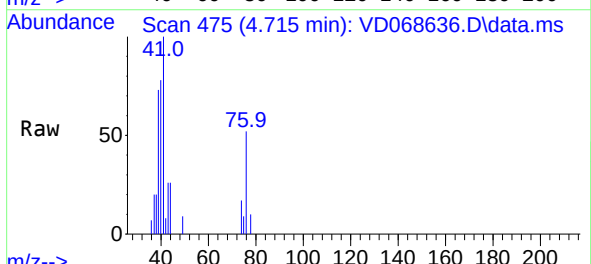
Tgt Ion: 56 Resp: 1735
Ion Ratio Lower Upper
56 100
55 28.3 56.5 84.7#

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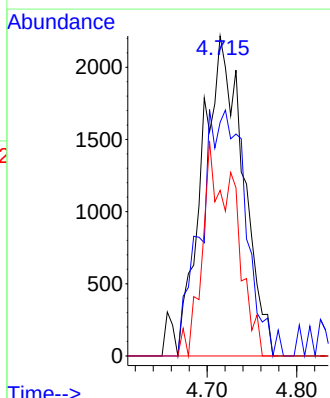
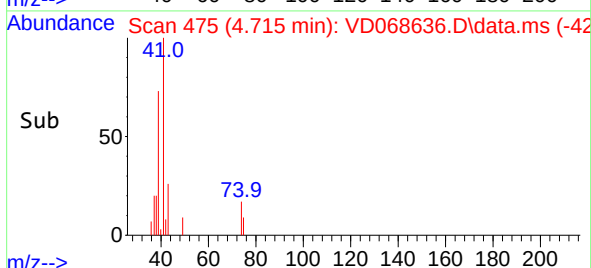
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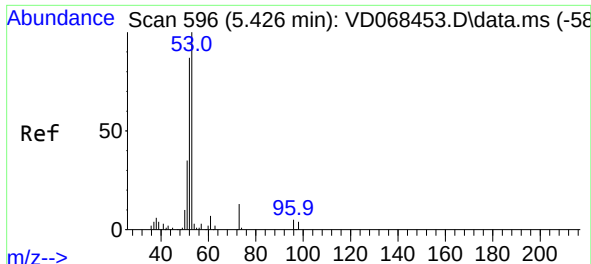


#14
Allyl chloride
Concen: 2.35 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

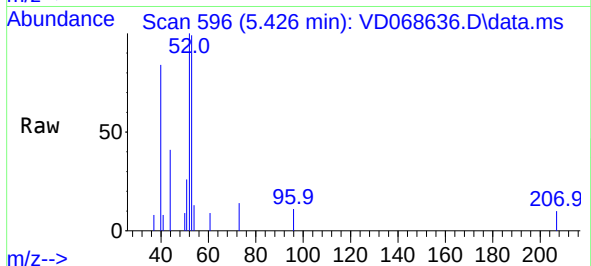


Tgt Ion: 41 Resp: 7027
Ion Ratio Lower Upper
41 100
39 84.5 56.3 84.5#
76 33.1 38.9 58.3#

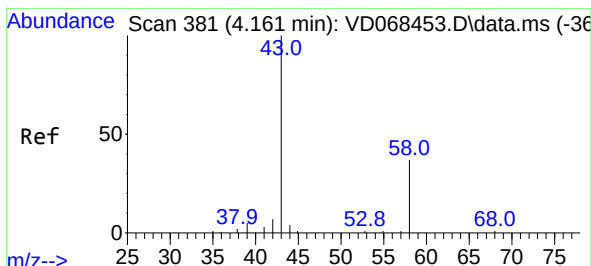
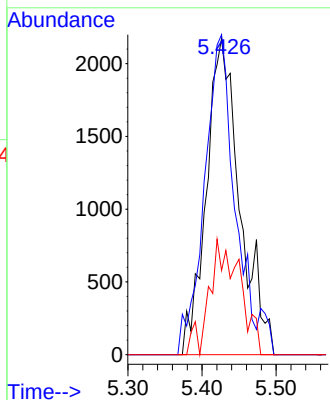
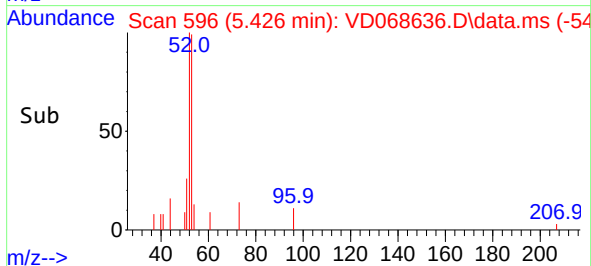




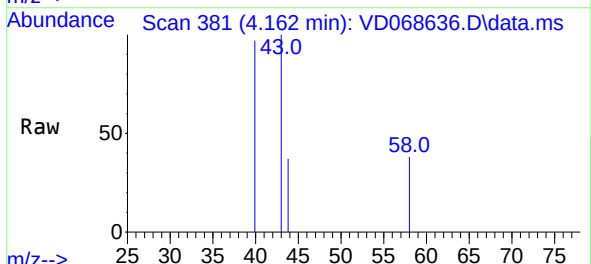
#15
Acrylonitrile
Concen: 14.16 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



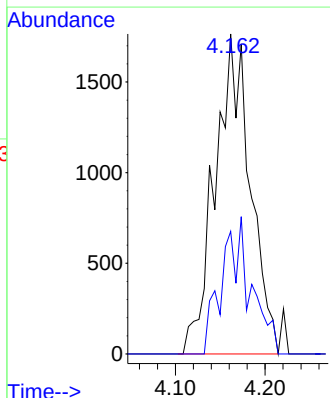
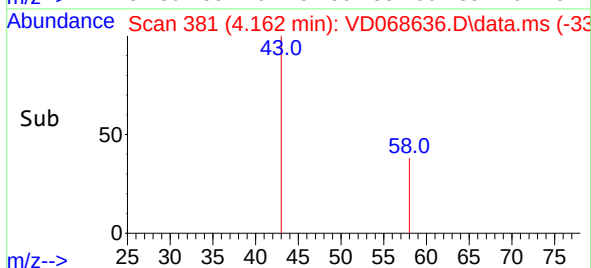
Tgt Ion: 53 Resp: 6826
Ion Ratio Lower Upper
53 100
52 90.6 66.2 99.2
51 33.5 29.0 43.4



#16
Acetone
Concen: 13.09 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



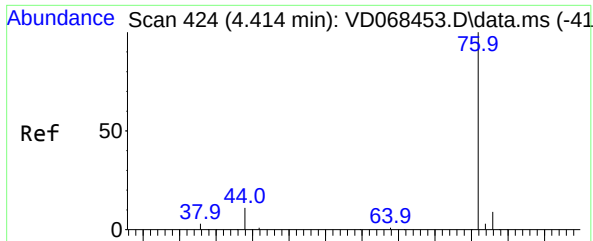
Tgt Ion: 43 Resp: 4799
Ion Ratio Lower Upper
43 100
58 38.3 24.2 36.4#



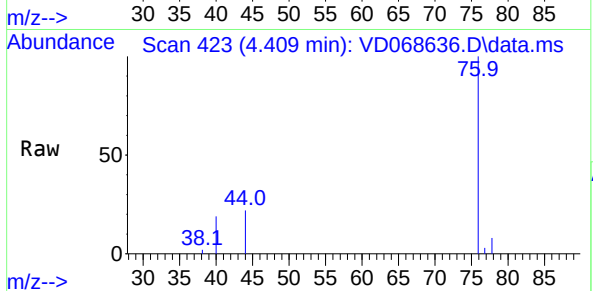
Instrument :
MSVOA_D
ClientSampleId :
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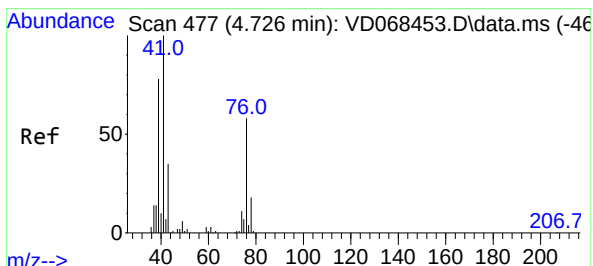
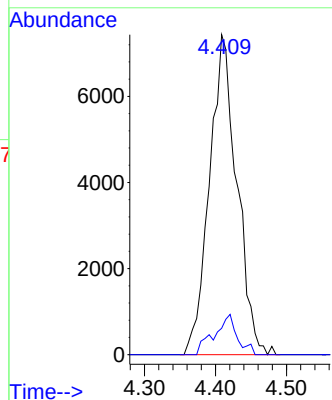
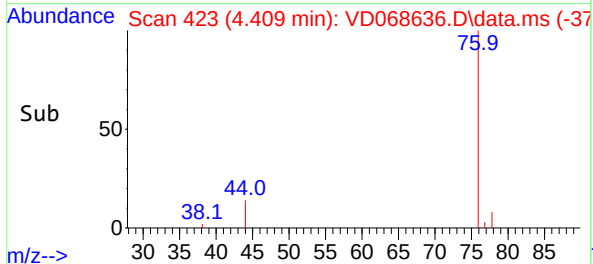
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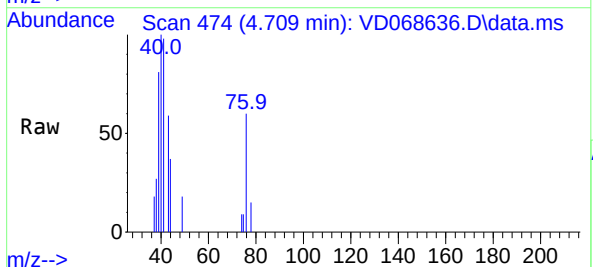
#17
Carbon Disulfide
Concen: 2.62 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



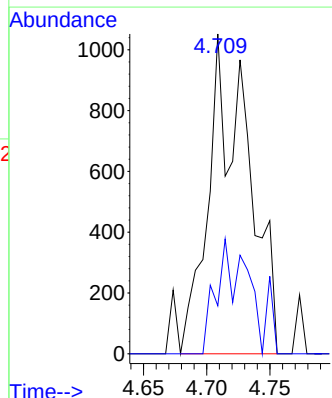
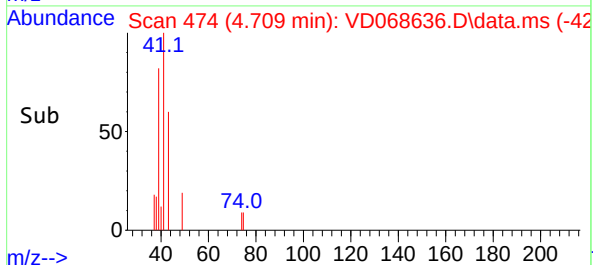
Tgt Ion: 76 Resp: 19926
Ion Ratio Lower Upper
76 100
78 8.2 7.3 10.9



#18
Methyl Acetate
Concen: 2.40 ug/l m
RT: 4.709 min Scan# 474
Delta R.T. -0.017 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



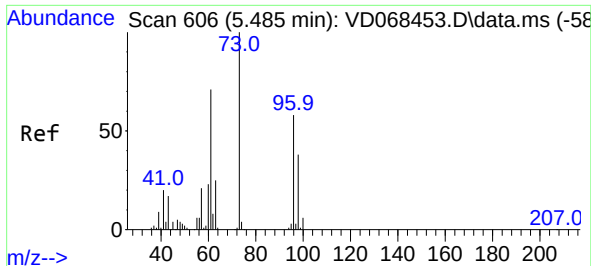
Tgt Ion: 43 Resp: 2270
Ion Ratio Lower Upper
43 100
74 14.5 25.4 38.0#



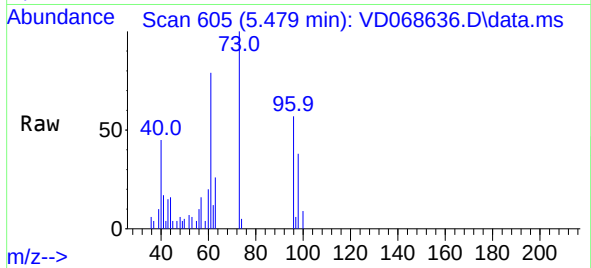
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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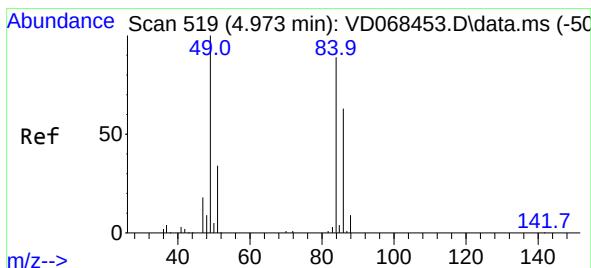
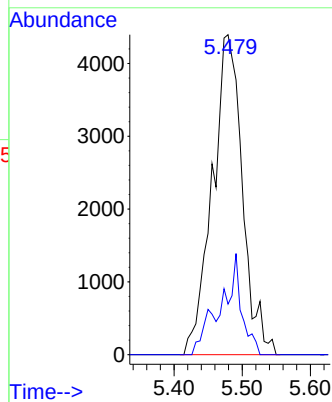
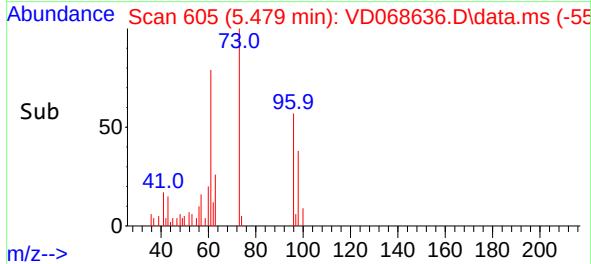
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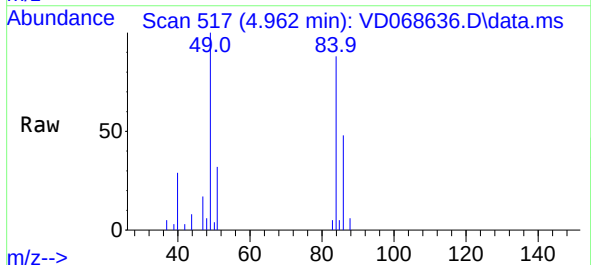
#19
Methyl tert-butyl Ether
Concen: 2.68 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.005 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



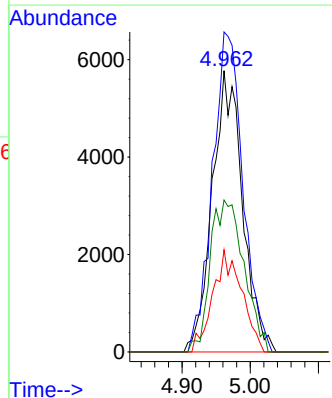
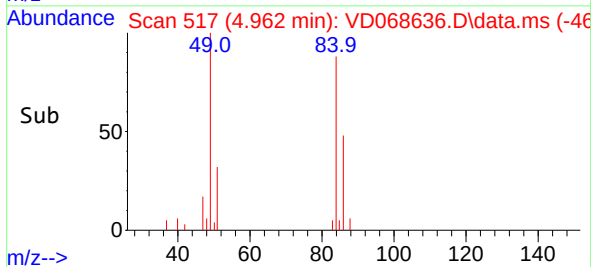
Tgt Ion: 73 Resp: 13480
Ion Ratio Lower Upper
73 100
57 15.8 14.4 21.6



#20
Methylene Chloride
Concen: 5.72 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



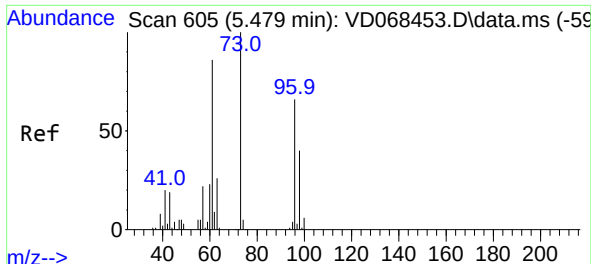
Tgt Ion: 84 Resp: 17785
Ion Ratio Lower Upper
84 100
49 113.7 77.4 116.2
51 36.3 26.1 39.1
86 54.0 51.8 77.8



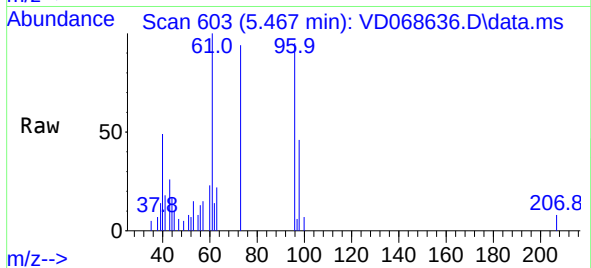
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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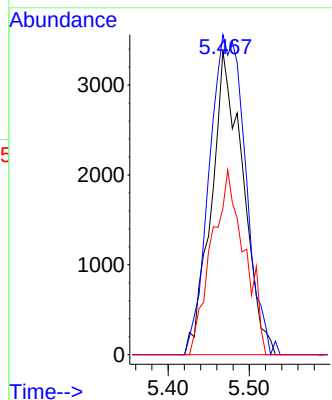


#21
trans-1,2-Dichloroethene
Concen: 3.29 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.011 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



Tgt Ion: 96 Resp: 9125

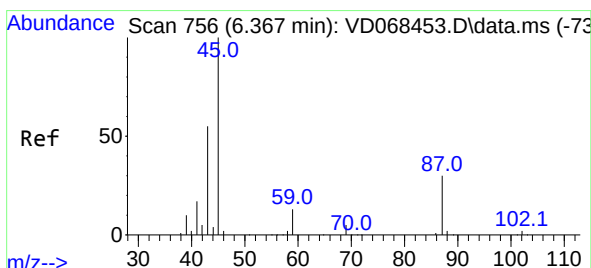
Ion	Ratio	Lower	Upper
96	100		
61	105.4	96.7	145.1
98	48.3	47.6	71.4



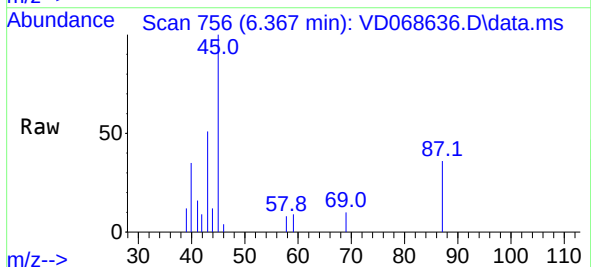
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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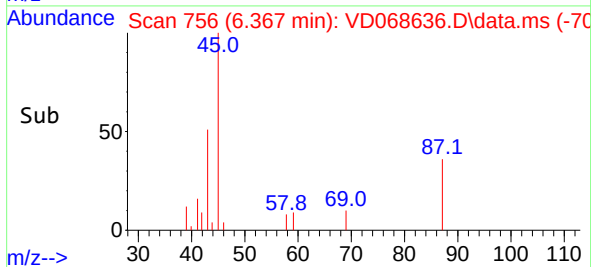
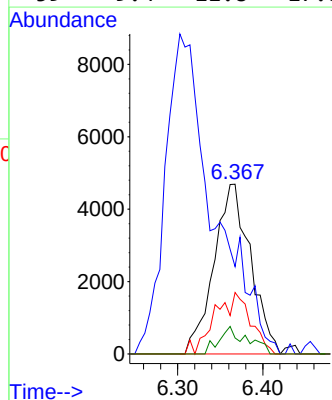


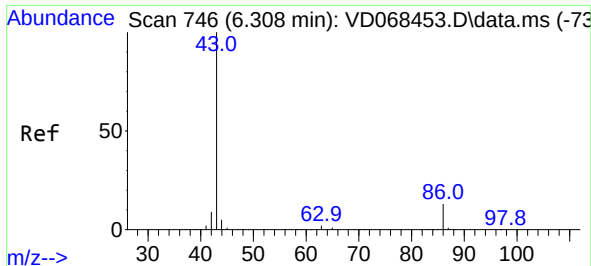
#22
Diisopropyl ether
Concen: 2.12 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



Tgt Ion: 45 Resp: 13971

Ion	Ratio	Lower	Upper
45	100		
43	51.4	43.9	65.9
87	36.1	29.9	44.9
59	9.4	11.8	17.8





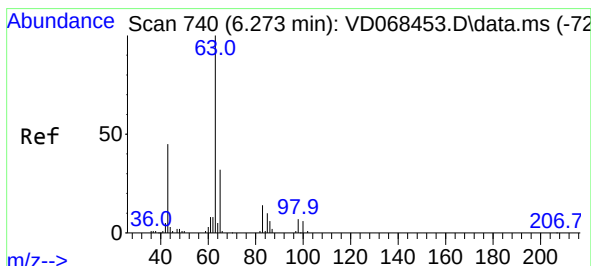
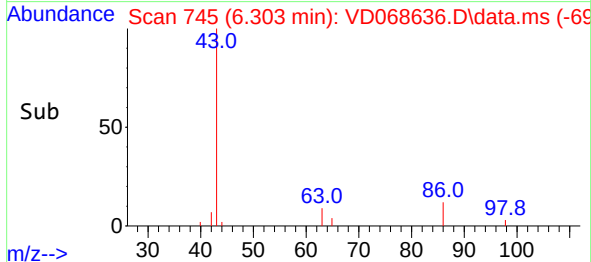
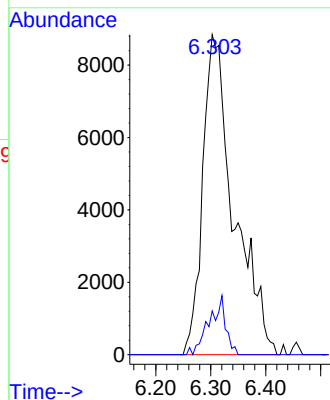
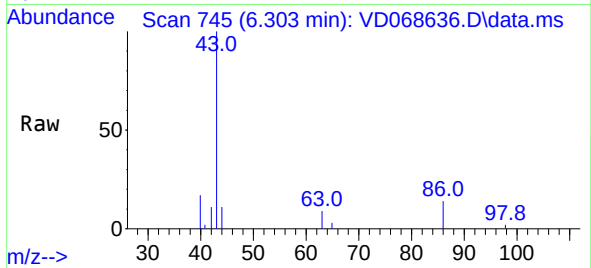
#23
 Vinyl Acetate
 Concen: 10.21 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.005 min
 Lab File: VD068636.D
 Acq: 17 Mar 2021 14:30

Tgt Ion: 43 Resp: 34939
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.8 16.2

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

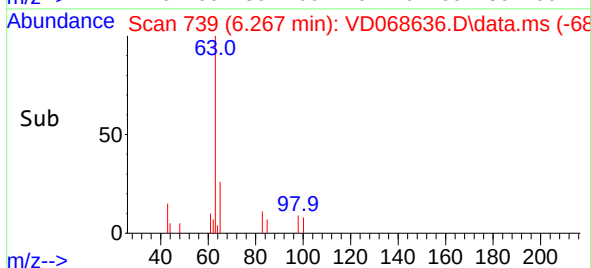
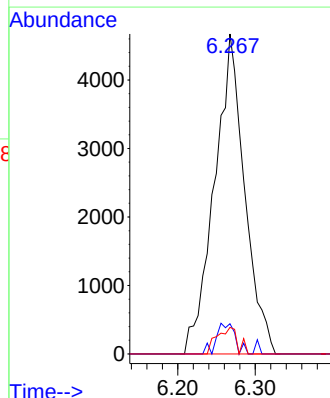
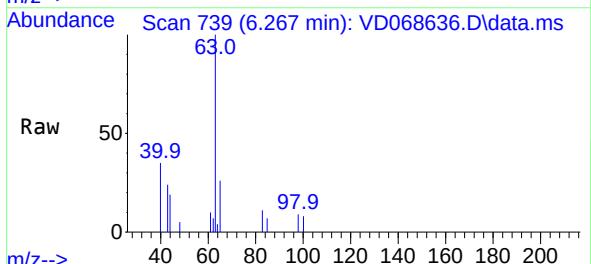
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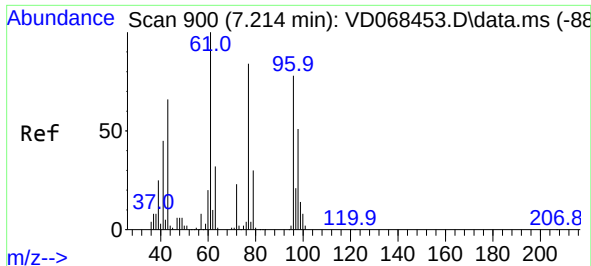
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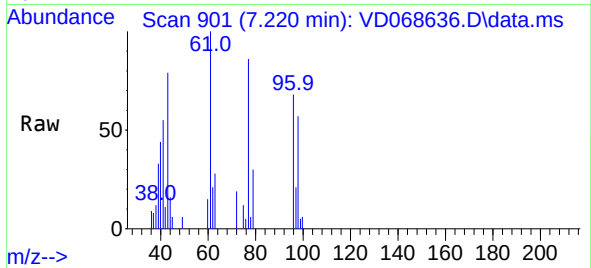
#24
 1,1-Dichloroethane
 Concen: 2.80 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.005 min
 Lab File: VD068636.D
 Acq: 17 Mar 2021 14:30

Tgt Ion: 63 Resp: 12659
 Ion Ratio Lower Upper
 63 100
 98 9.4 3.8 11.4
 100 8.3 2.6 8.0#

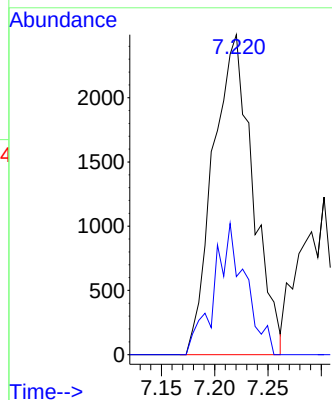




#25
2-Butanone
Concen: 12.22 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



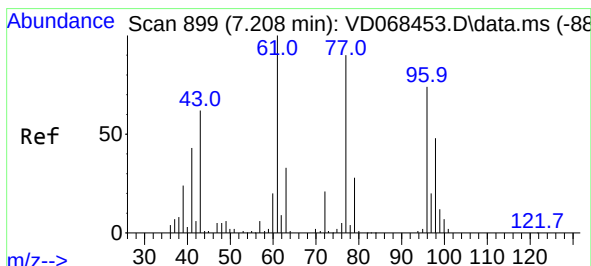
Tgt Ion: 43 Resp: 6441
Ion Ratio Lower Upper
43 100
72 24.4 25.1 37.7#



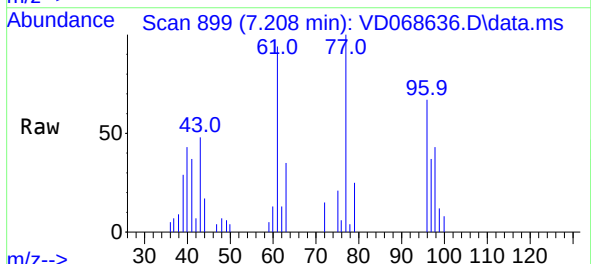
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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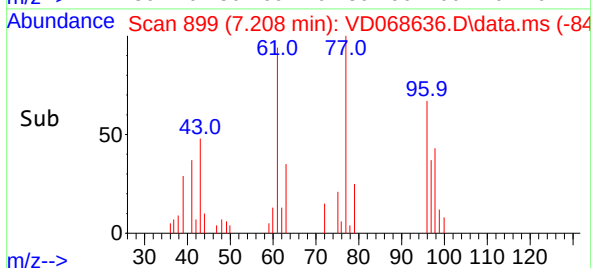
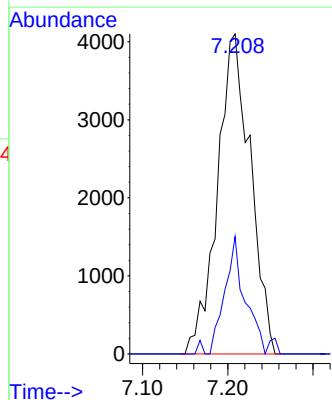
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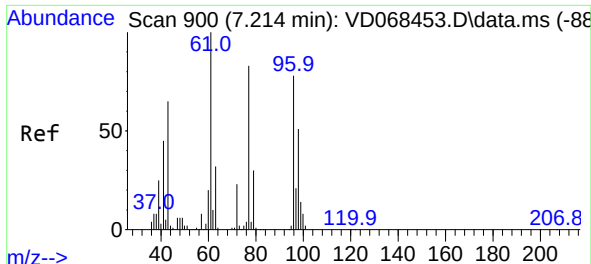


#26
2,2-Dichloropropane
Concen: 2.92 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



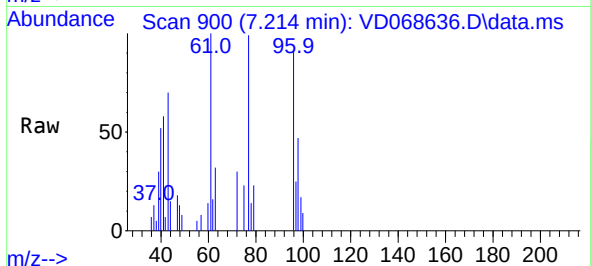
Tgt Ion: 77 Resp: 11006
Ion Ratio Lower Upper
77 100
97 22.6 11.7 35.1





#27
 cis-1,2-Dichloroethene
 Concen: 2.53 ug/l
 RT: 7.214 min Scan# 900
 Delta R.T. 0.000 min
 Lab File: VD068636.D
 Acq: 17 Mar 2021 14:30

Instrument :
 MSVOA_D
 ClientSampleId :
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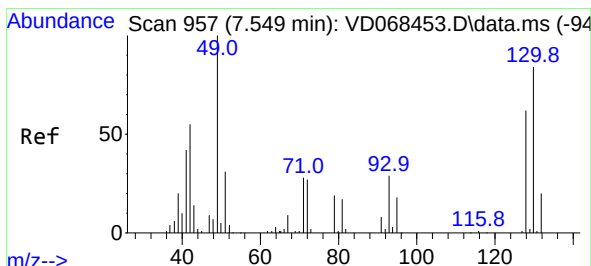
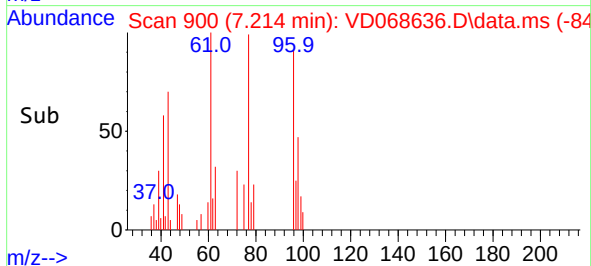
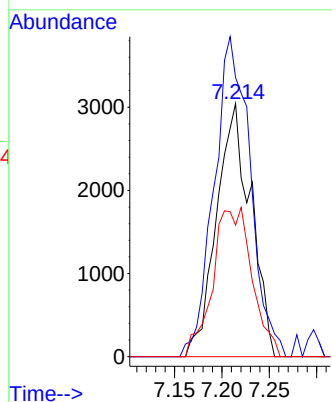


Tgt Ion: 96 Resp: 7681

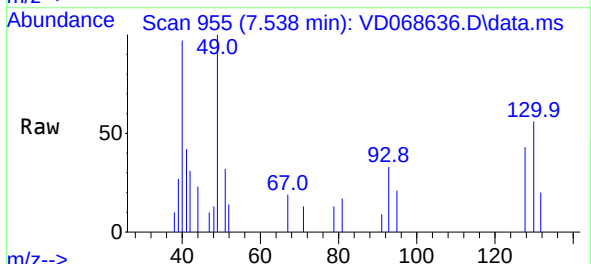
Ion	Ratio	Lower	Upper
96	100		
61	132.9	0.0	257.4
98	67.1	0.0	126.6

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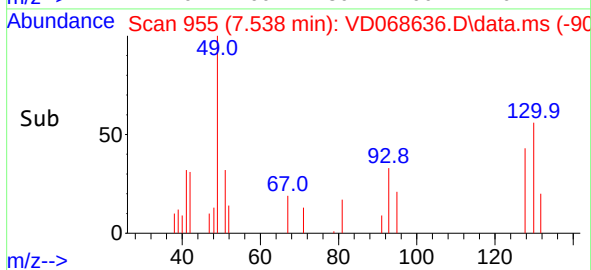
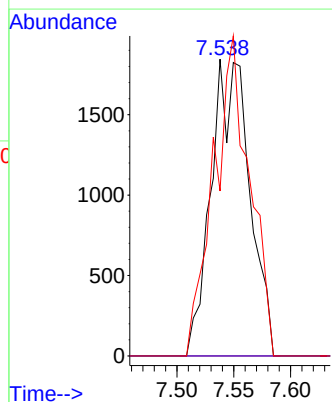


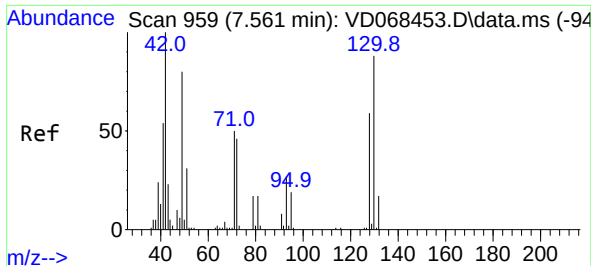
#28
 Bromochloromethane
 Concen: 2.46 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.011 min
 Lab File: VD068636.D
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Tgt Ion: 49 Resp: 4347

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	100.6	85.5	128.3





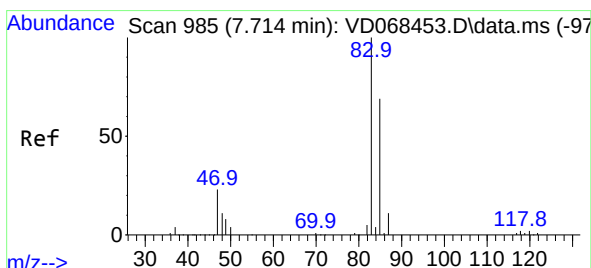
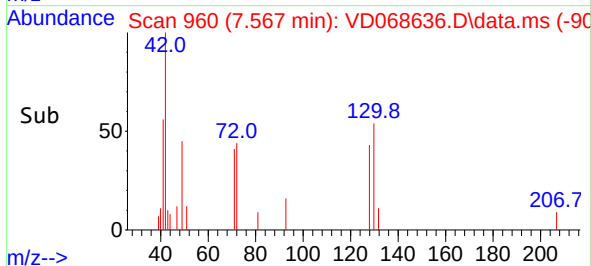
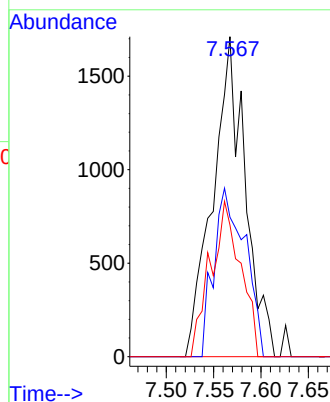
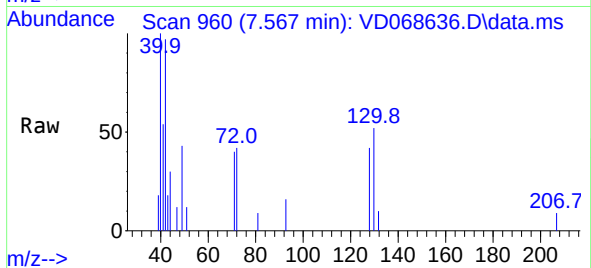
#29
Tetrahydrofuran
Concen: 11.92 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.006 min
Lab File: VD068636.D
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Tgt Ion: 42 Resp: 4079
Ion Ratio Lower Upper
42 100
72 50.4 43.4 65.0
71 45.1 40.8 61.2

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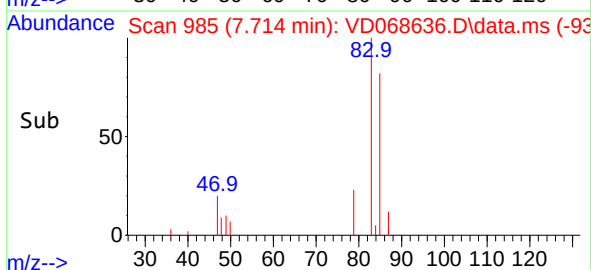
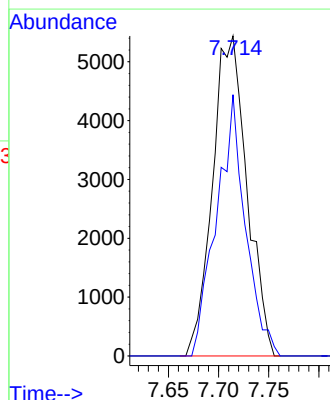
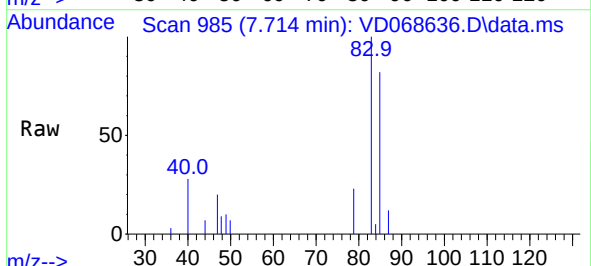
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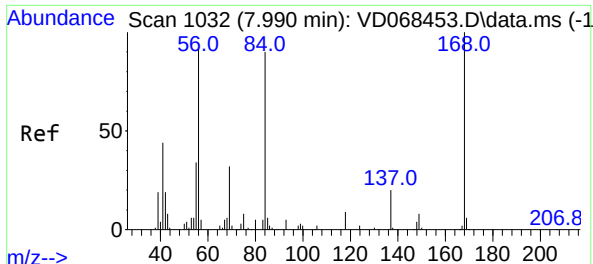
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#30
Chloroform
Concen: 2.72 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.000 min
Lab File: VD068636.D
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Tgt Ion: 83 Resp: 12998
Ion Ratio Lower Upper
83 100
85 81.7 53.4 80.0#





#31

Cyclohexane

Concen: 3.43 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.011 min

Lab File: VD068636.D

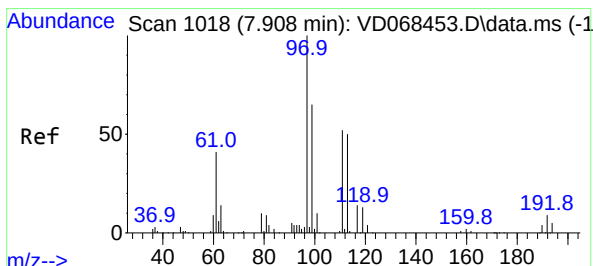
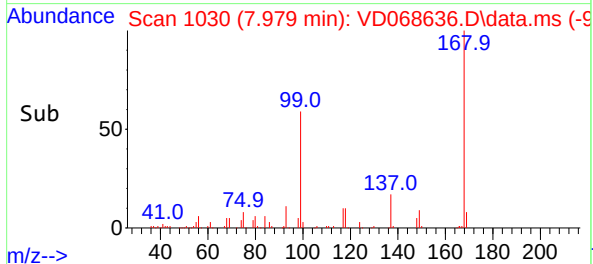
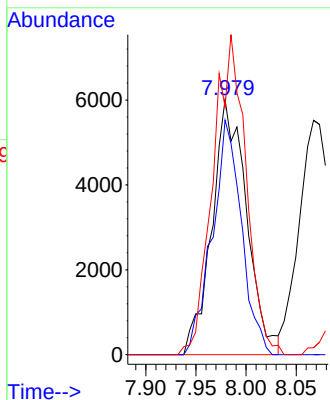
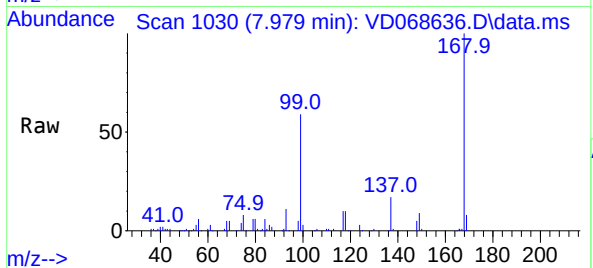
Acq: 17 Mar 2021 14:30

Tgt Ion:	56	Resp:	14410
Ion	Ratio	Lower	Upper
56	100		
69	91.9	30.1	45.1#
84	97.1	82.1	123.1

Instrument :
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#32

1,1,1-Trichloroethane

Concen: 3.04 ug/l

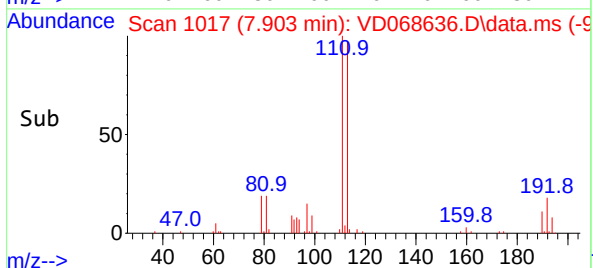
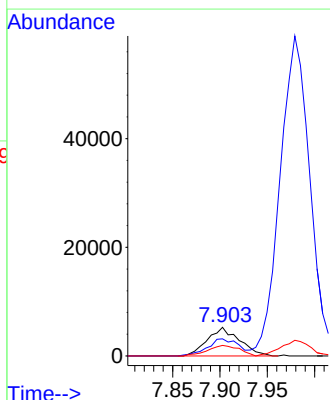
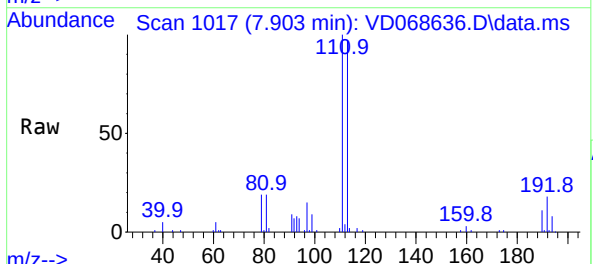
RT: 7.903 min Scan# 1017

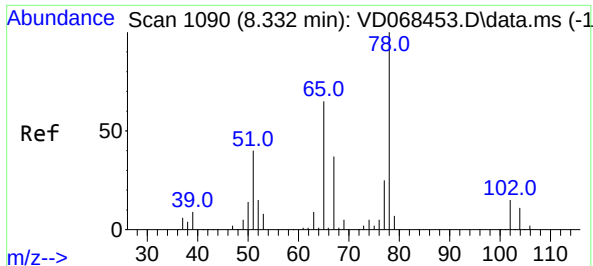
Delta R.T. -0.005 min

Lab File: VD068636.D

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Tgt Ion:	97	Resp:	12390
Ion	Ratio	Lower	Upper
97	100		
99	56.5	52.1	78.1
61	36.6	30.1	45.1





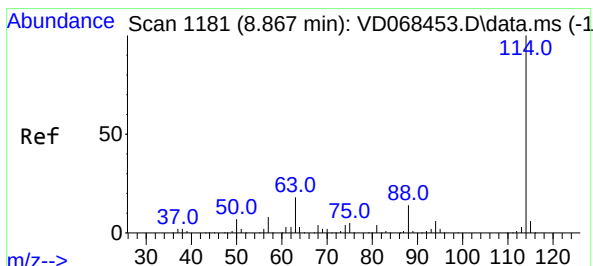
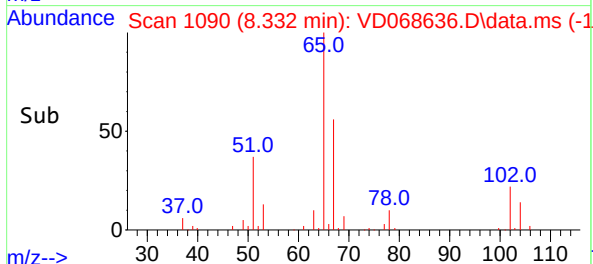
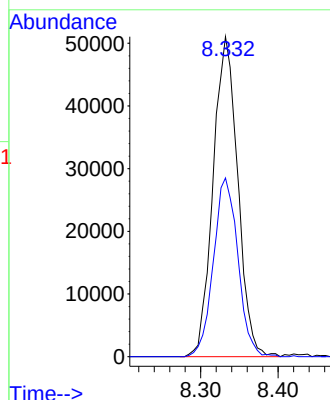
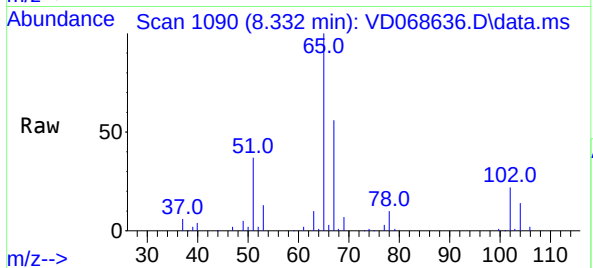
#33
1,2-Dichloroethane-d4
Concen: 48.86 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068636.D
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Tgt Ion: 65 Resp: 112774
Ion Ratio Lower Upper
65 100
67 55.5 0.0 105.0

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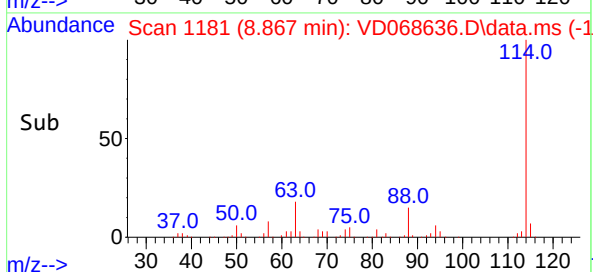
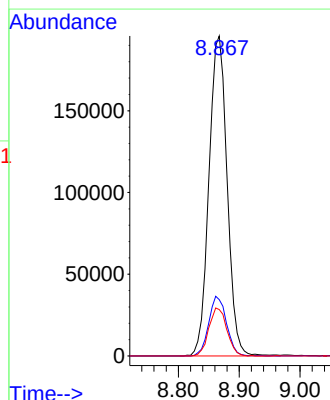
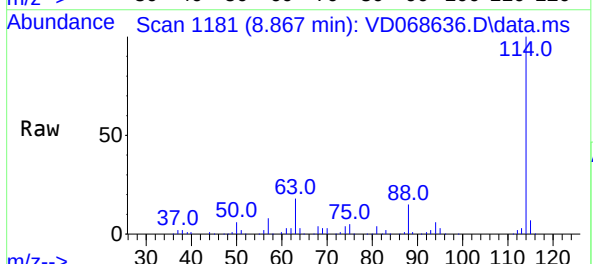
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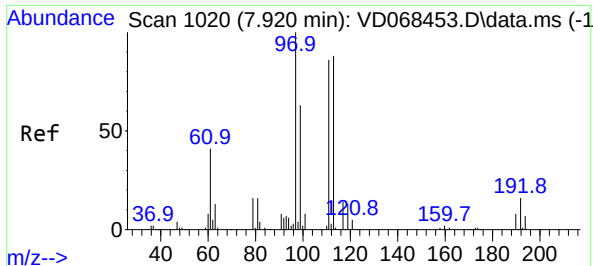
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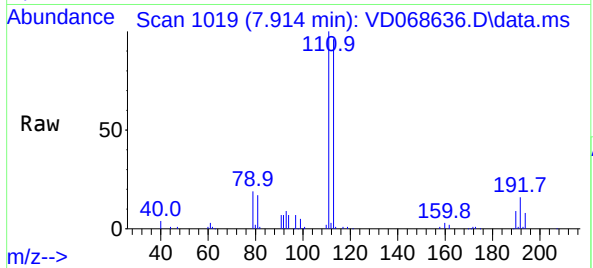
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion: 114 Resp: 406003
Ion Ratio Lower Upper
114 100
63 17.6 0.0 34.8
88 14.5 0.0 31.6

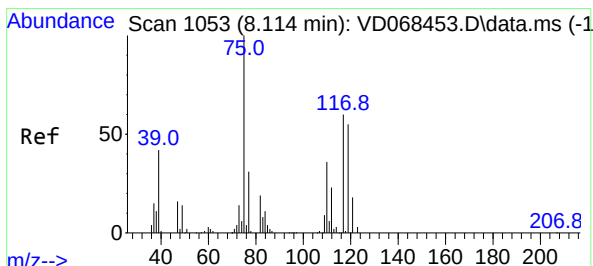
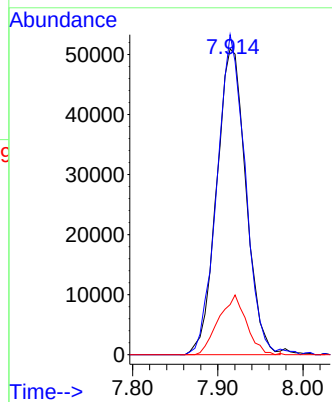
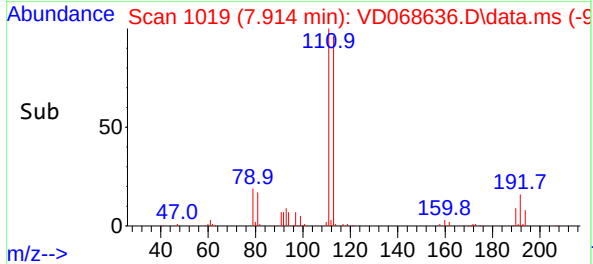




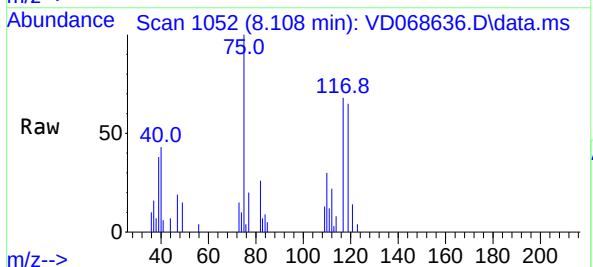
#35
Dibromofluoromethane
Concen: 49.84 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068636.D
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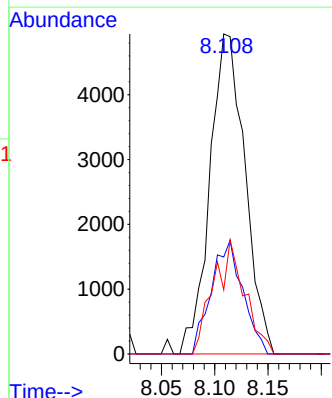
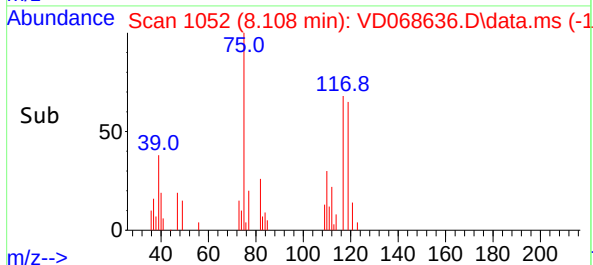
Tgt Ion:113 Resp: 121887
Ion Ratio Lower Upper
113 100
111 101.4 81.4 122.0
192 18.5 16.1 24.1



#36
1,1-Dichloropropene
Concen: 2.93 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



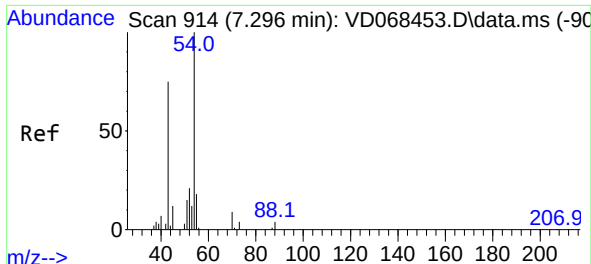
Tgt Ion: 75 Resp: 11315
Ion Ratio Lower Upper
75 100
110 32.0 19.4 58.2
77 31.7 25.3 37.9



Instrument :
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#37

Ethyl Acetate

Concen: 2.30 ug/l m

RT: 7.303 min Scan# 915

Delta R.T. 0.006 min

Lab File: VD068636.D

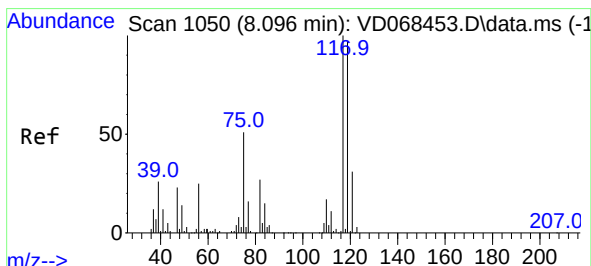
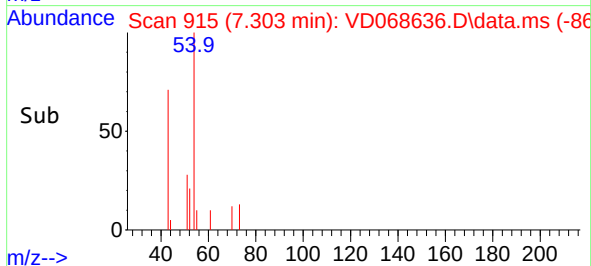
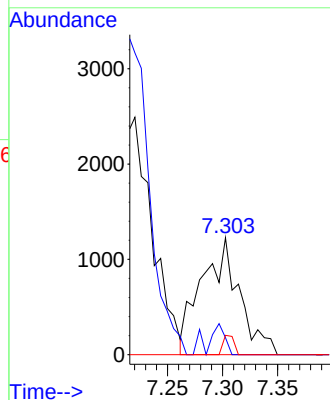
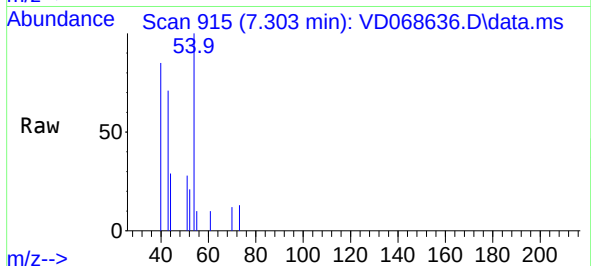
Acq: 17 Mar 2021 14:30

Tgt Ion:	43	Resp:	2943
Ion	Ratio	Lower	Upper
43	100		
61	11.7	12.9	19.3#
70	4.7	11.0	16.6#

Instrument :
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ClientSampleId :
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#38

Carbon Tetrachloride

Concen: 2.57 ug/l

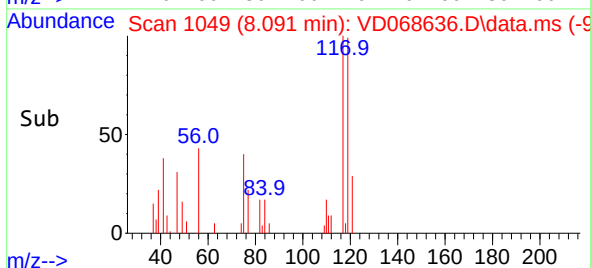
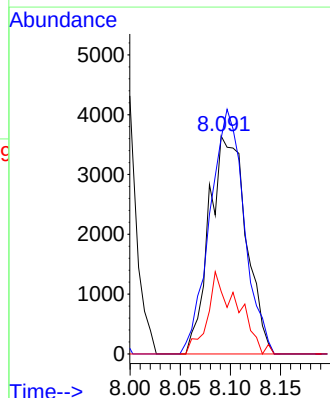
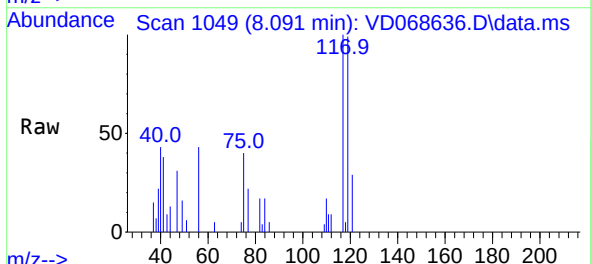
RT: 8.091 min Scan# 1049

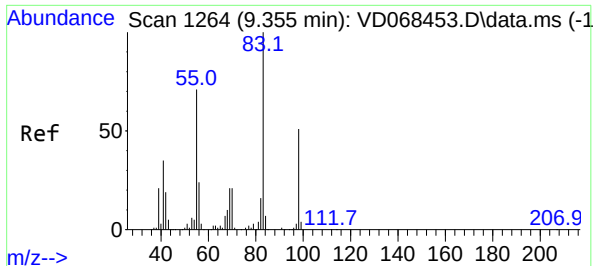
Delta R.T. -0.005 min

Lab File: VD068636.D

Acq: 17 Mar 2021 14:30

Tgt Ion:	117	Resp:	9328
Ion	Ratio	Lower	Upper
117	100		
119	99.0	77.3	115.9
121	28.7	24.7	37.1





#39

Methylcyclohexane

Concen: 2.53 ug/l

RT: 9.361 min Scan# 1265

Delta R.T. 0.006 min

Lab File: VD068636.D

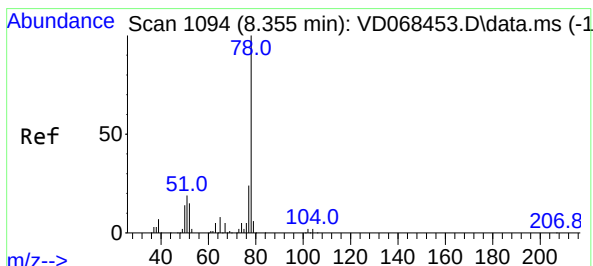
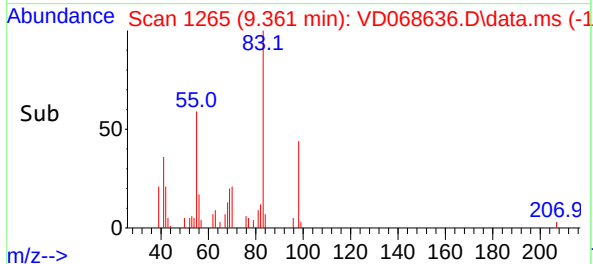
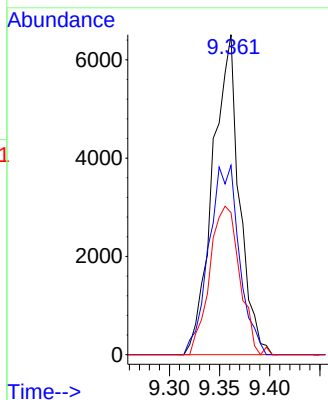
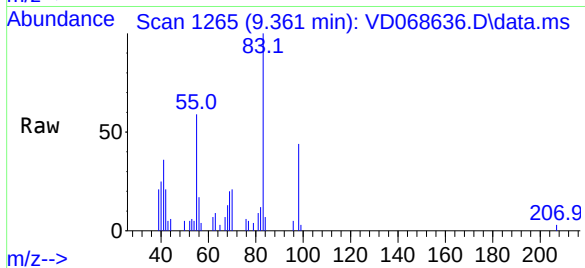
Acq: 17 Mar 2021 14:30

Tgt Ion:	83	Resp:	12047
Ion	Ratio	Lower	Upper
83	100		
55	59.2	55.2	82.8
98	44.4	39.1	58.7

Instrument :
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#40

Benzene

Concen: 2.70 ug/l

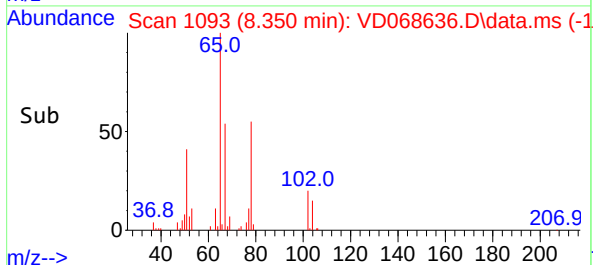
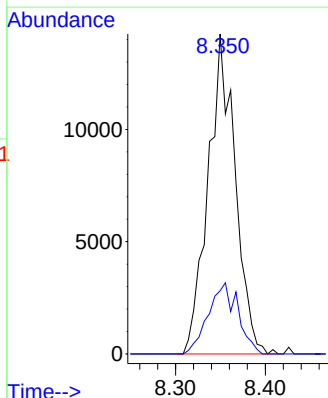
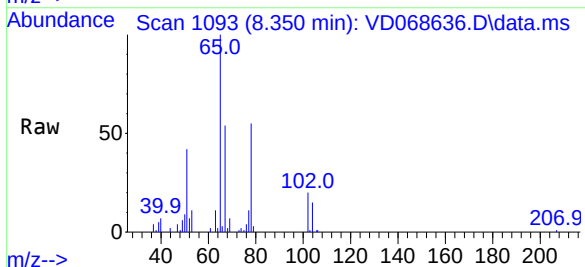
RT: 8.350 min Scan# 1093

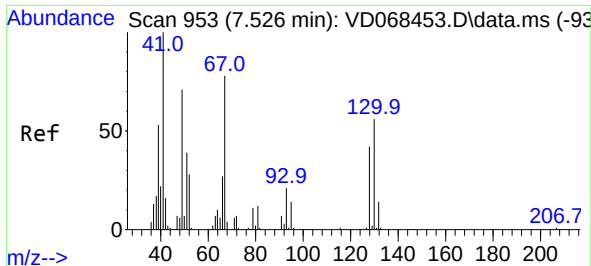
Delta R.T. -0.006 min

Lab File: VD068636.D

Acq: 17 Mar 2021 14:30

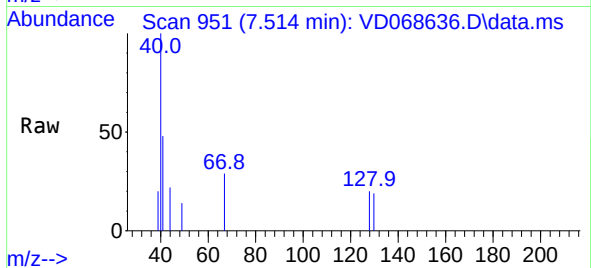
Tgt Ion:	78	Resp:	29864
Ion	Ratio	Lower	Upper
78	100		
77	19.7	17.8	26.6





#41
Methacrylonitrile
Concen: 2.00 ug/l
RT: 7.514 min Scan# 951
Delta R.T. -0.011 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

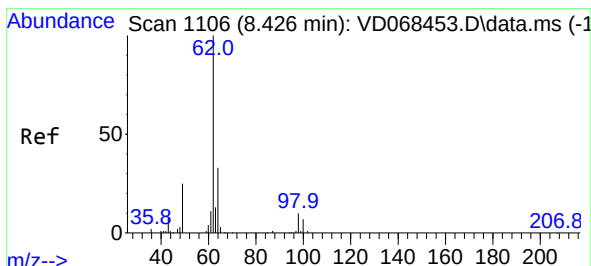
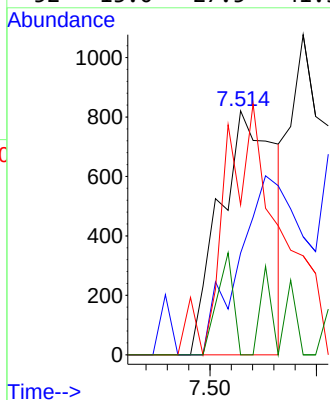
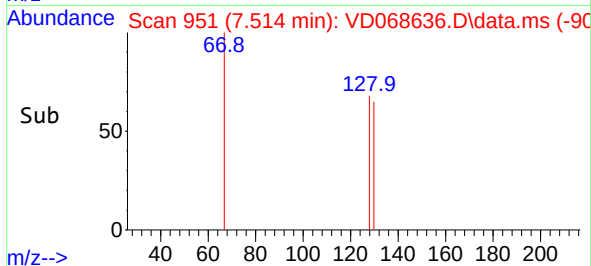
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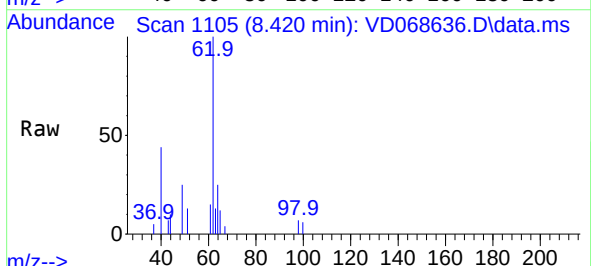
Tgt Ion: 41 Resp: 1487
Ion Ratio Lower Upper
41 100
39 85.7 45.2 67.8#
67 104.9 67.4 101.2#
52 13.0 27.5 41.3#

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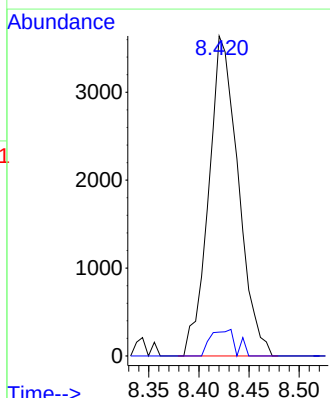
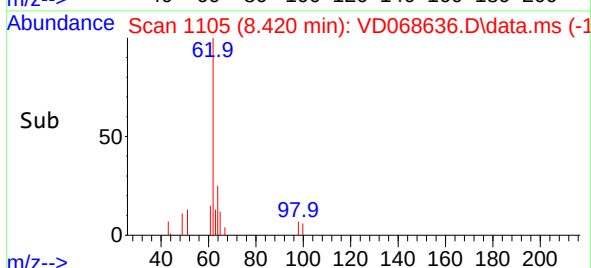
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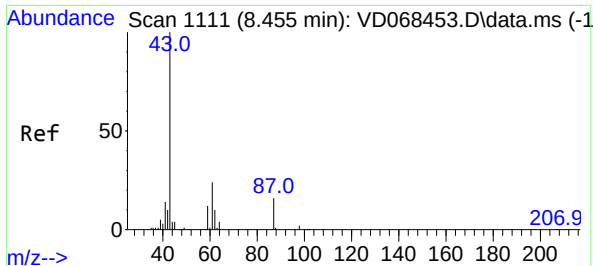


#42
1,2-Dichloroethane
Concen: 2.56 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



Tgt Ion: 62 Resp: 7450
Ion Ratio Lower Upper
62 100
98 7.1 0.0 21.8





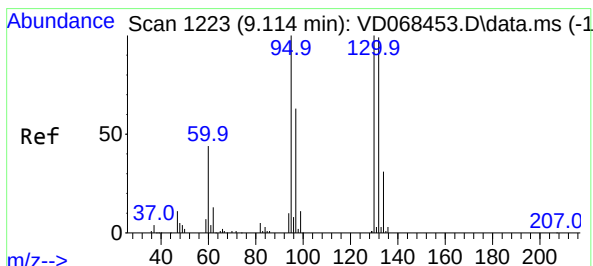
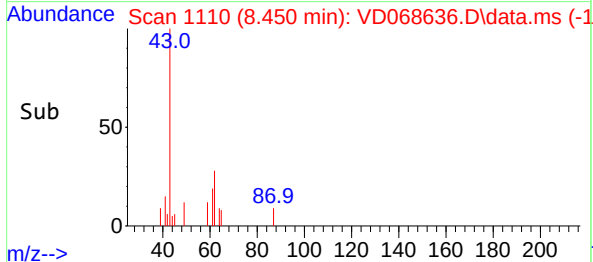
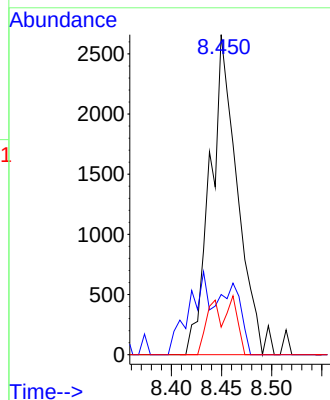
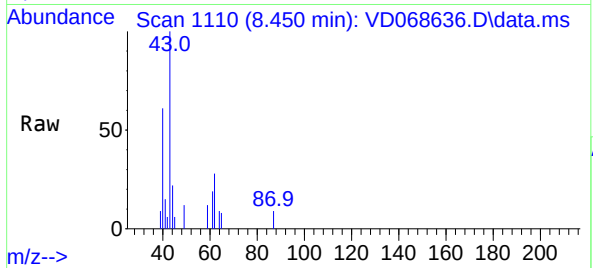
#43
Isopropyl Acetate
Concen: 2.14 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion:	43	Resp:	5028
Ion	Ratio	Lower	Upper
43	100		
61	15.9	28.7	43.1#
87	8.9	13.9	20.9#

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

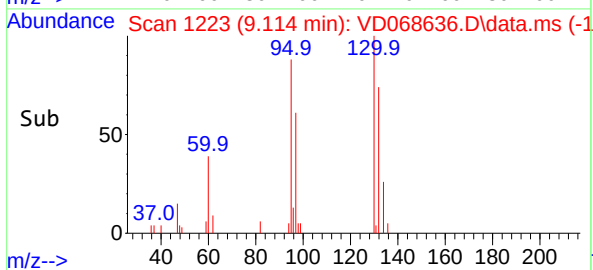
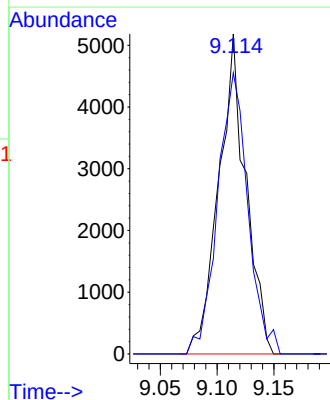
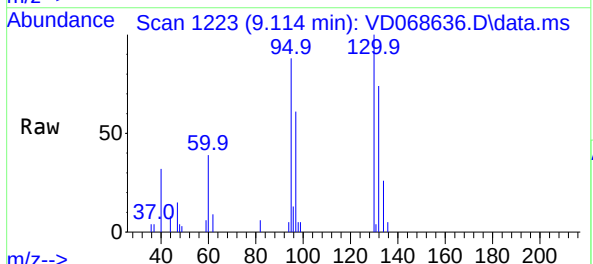
Manual Integrations
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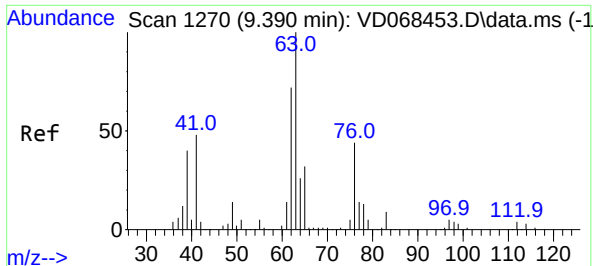
MMDadoda
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#44
Trichloroethene
Concen: 2.84 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion:	130	Resp:	8619
Ion	Ratio	Lower	Upper
130	100		
95	87.8	0.0	191.2





#45

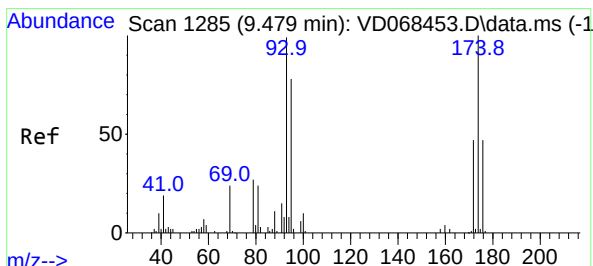
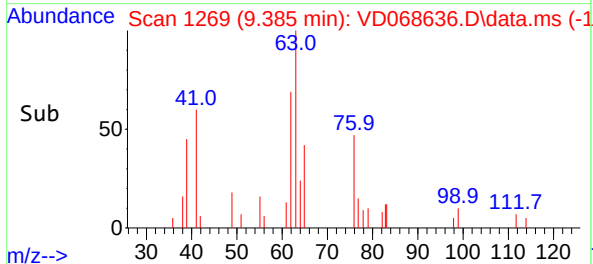
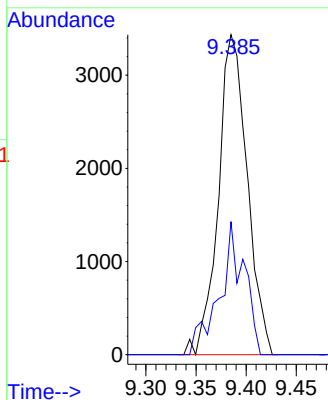
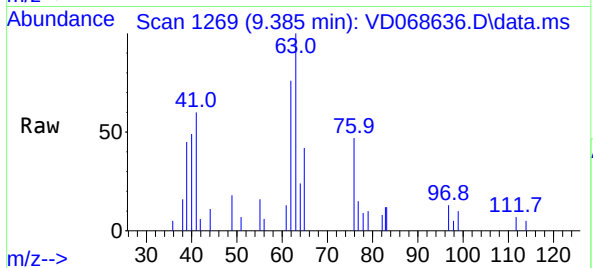
1,2-Dichloropropane
Concen: 2.60 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.005 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion: 63 Resp: 6880
Ion Ratio Lower Upper
63 100
65 41.6 26.6 40.0#

Instrument :
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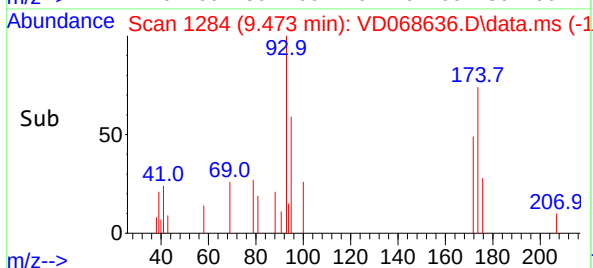
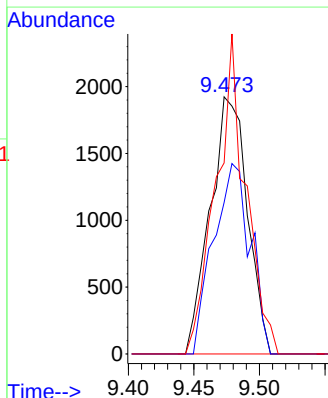
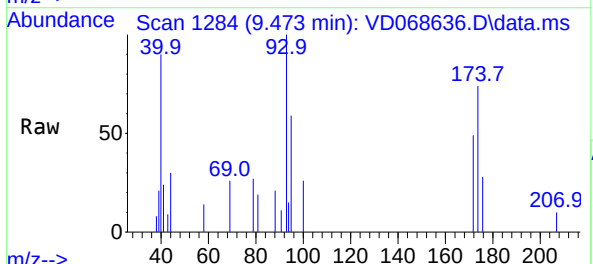
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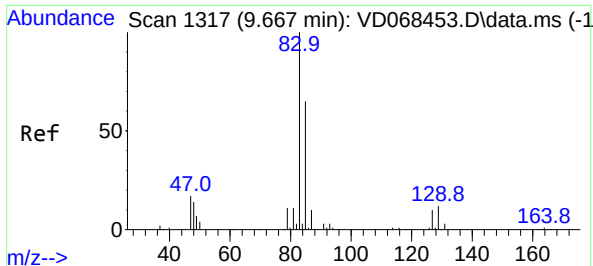


#46

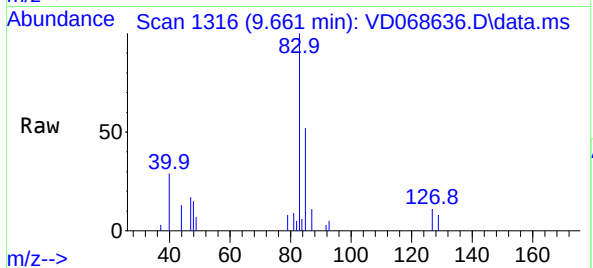
Dibromomethane
Concen: 2.63 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.005 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion: 93 Resp: 3791
Ion Ratio Lower Upper
93 100
95 73.6 67.3 100.9
174 99.4 84.6 127.0

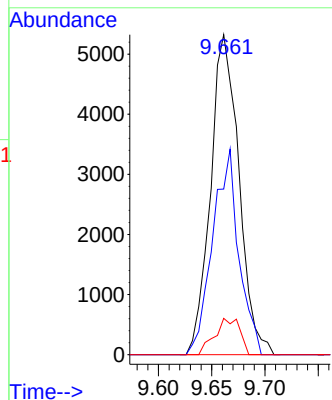




#47
Bromodichloromethane
Concen: 2.65 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



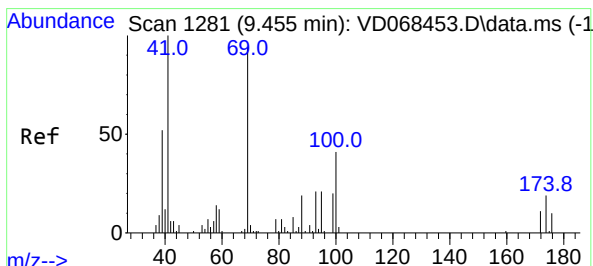
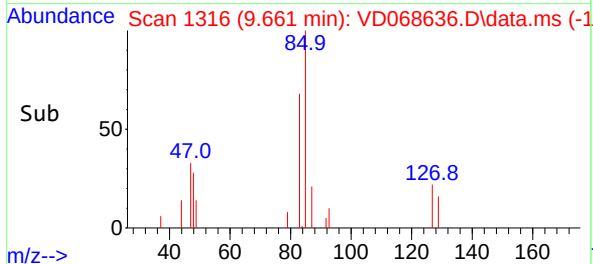
Tgt Ion: 83 Resp: 9879
Ion Ratio Lower Upper
83 100
85 51.7 51.6 77.4
127 11.3 7.4 11.0#



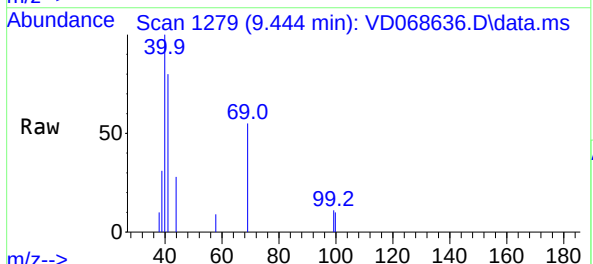
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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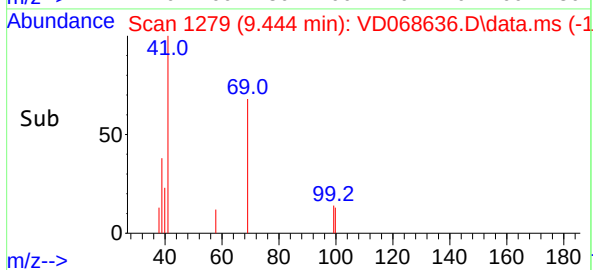
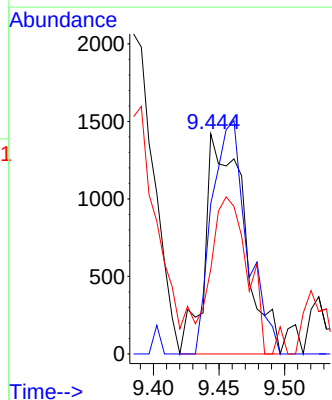
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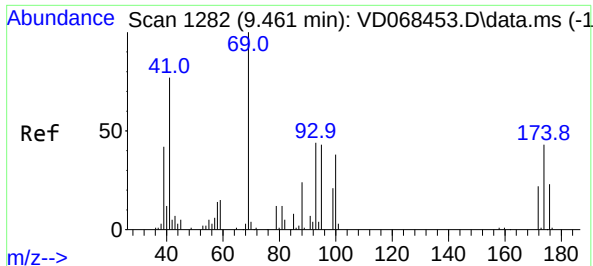


#48
Methyl methacrylate
Concen: 2.35 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. -0.011 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



Tgt Ion: 41 Resp: 2944
Ion Ratio Lower Upper
41 100
69 95.5 77.1 115.7
39 65.6 41.5 62.3#





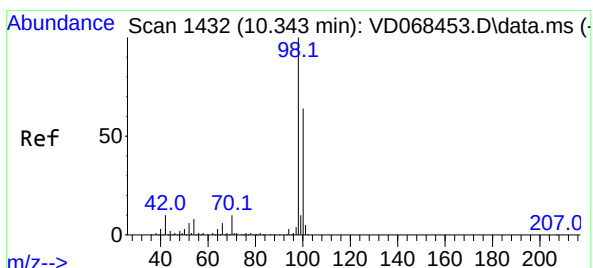
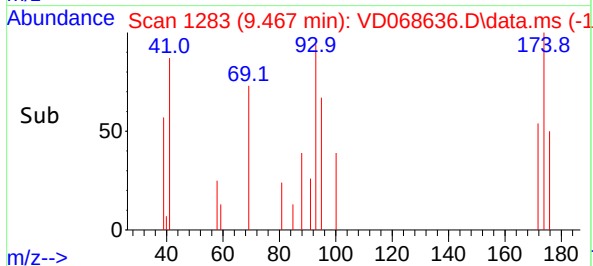
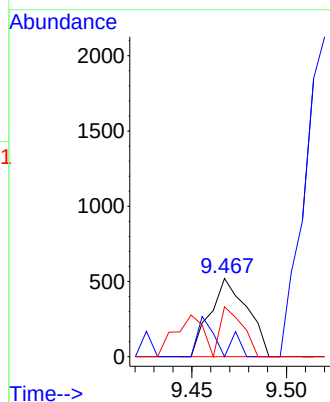
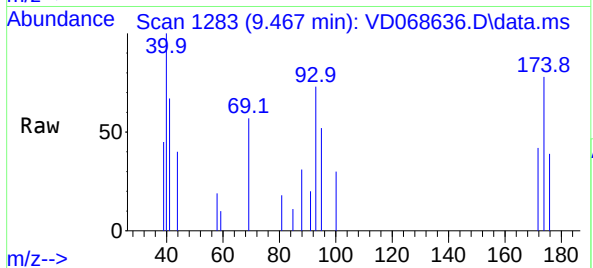
#49
1,4-Dioxane
Concen: 43.24 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.006 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion: 88 Resp: 710
Ion Ratio Lower Upper
88 100
43 0.0 22.1 33.1#
58 38.2 46.7 70.1#

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

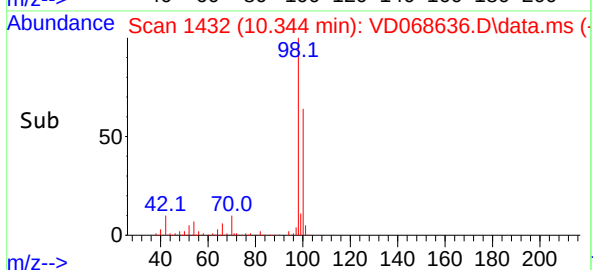
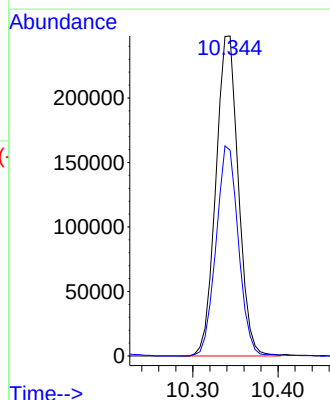
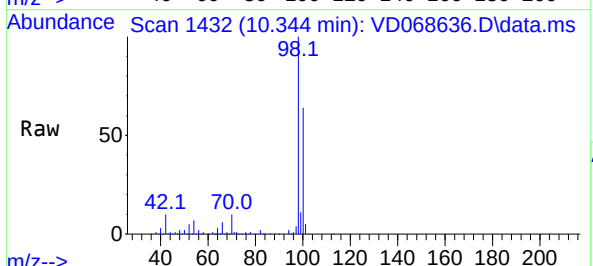
Manual Integrations
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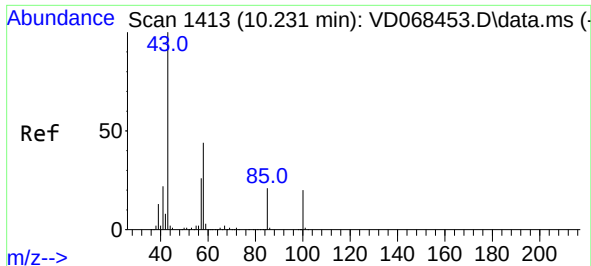
MMDadoda
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#50
Toluene-d8
Concen: 46.86 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion: 98 Resp: 456494
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4





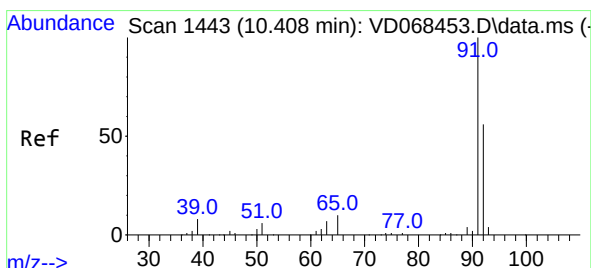
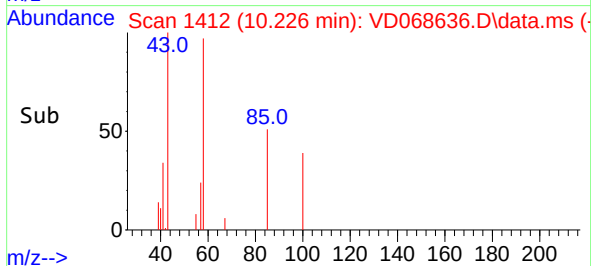
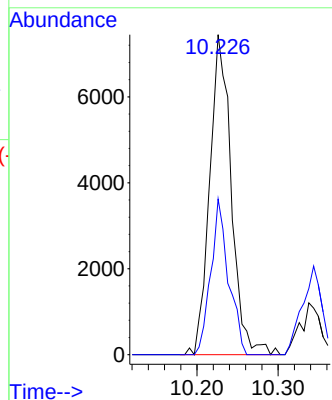
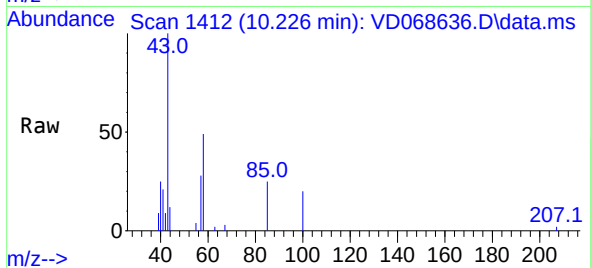
#51
4-Methyl-2-Pentanone
Concen: 11.19 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.005 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion: 43 Resp: 13775
Ion Ratio Lower Upper
43 100
58 40.0 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
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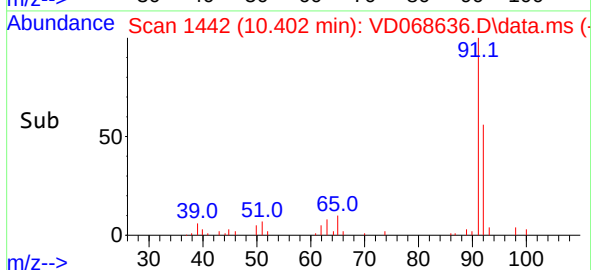
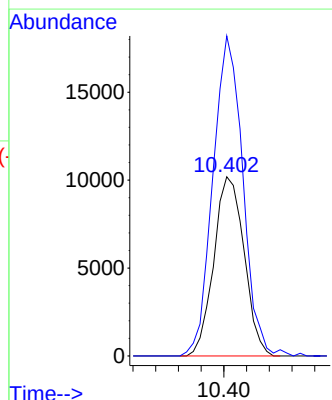
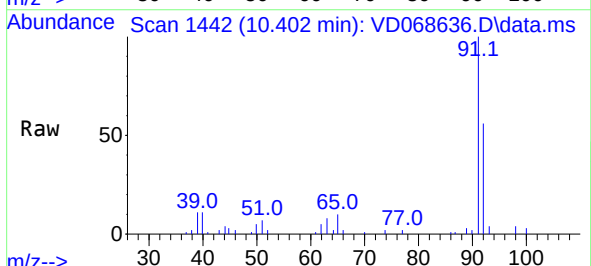
Manual Integrations
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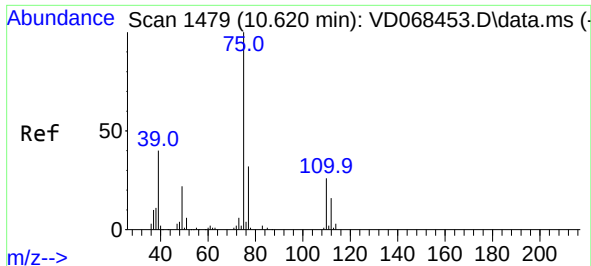
MMDadoda
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#52
Toluene
Concen: 2.67 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.005 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion: 92 Resp: 18860
Ion Ratio Lower Upper
92 100
91 176.6 134.1 201.1





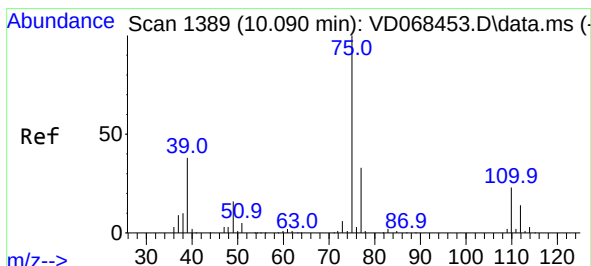
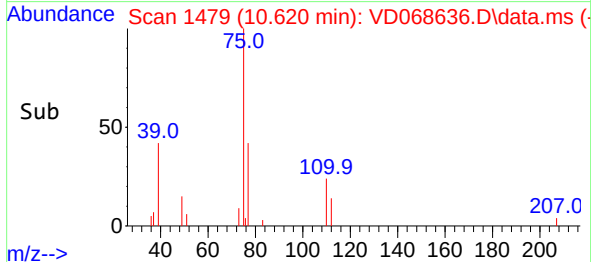
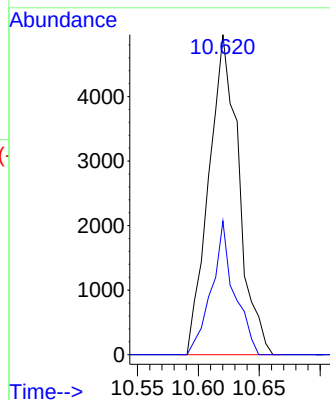
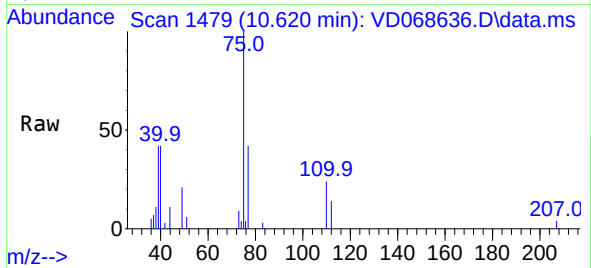
#53
 t-1,3-Dichloropropene
 Concen: 2.47 ug/l
 RT: 10.620 min Scan# 1479
 Delta R.T. 0.000 min
 Lab File: VD068636.D
 Acq: 17 Mar 2021 14:30

Tgt Ion: 75 Resp: 8499
 Ion Ratio Lower Upper
 75 100
 77 41.8 25.0 37.4#

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

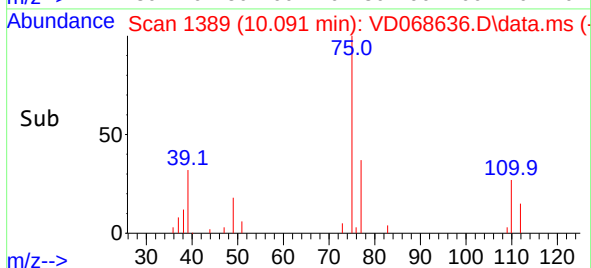
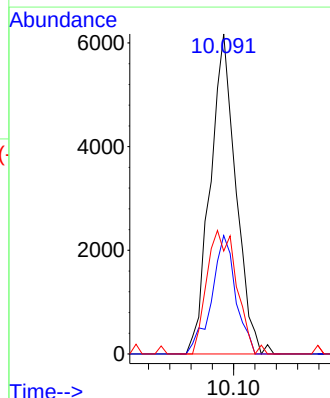
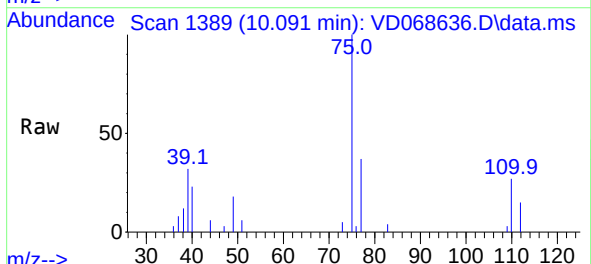
Manual Integrations
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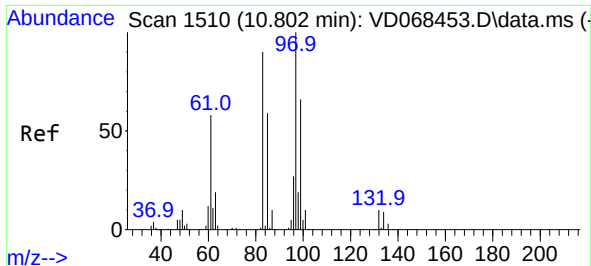
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#54
 cis-1,3-Dichloropropene
 Concen: 2.46 ug/l
 RT: 10.091 min Scan# 1389
 Delta R.T. 0.000 min
 Lab File: VD068636.D
 Acq: 17 Mar 2021 14:30

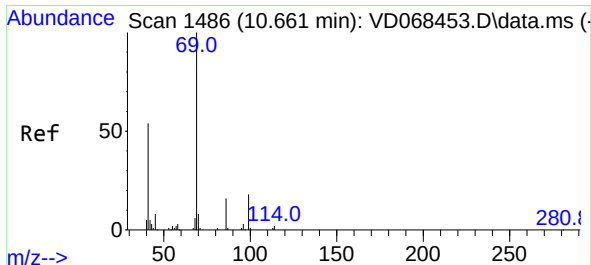
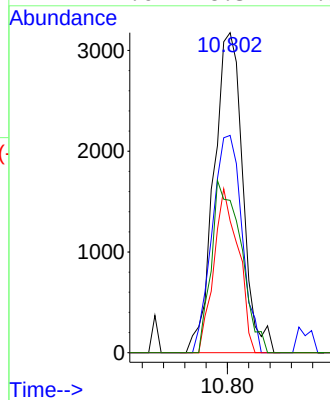
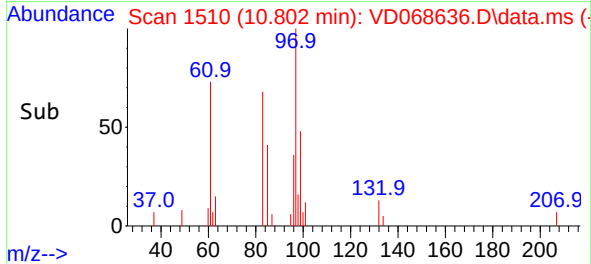
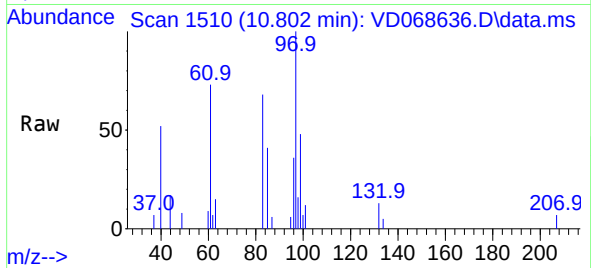
Tgt Ion: 75 Resp: 10319
 Ion Ratio Lower Upper
 75 100
 77 37.0 24.6 37.0#
 39 32.1 31.4 47.0





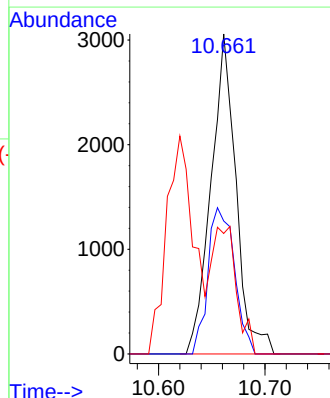
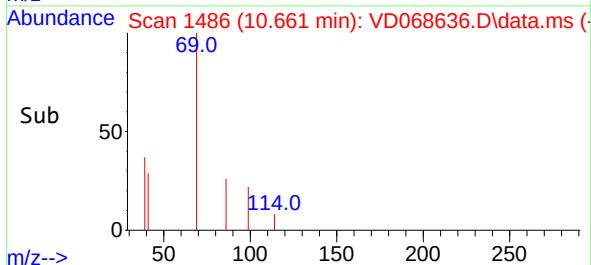
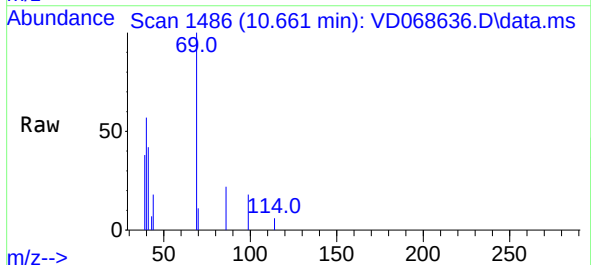
#55
1,1,2-Trichloroethane
Concen: 3.00 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion:	97	Resp:	5975
Ion	Ratio	Lower	Upper
97	100		
83	67.9	61.8	92.6
85	41.2	42.2	63.2#
99	47.6	48.3	72.5#



#56
Ethyl methacrylate
Concen: 2.18 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

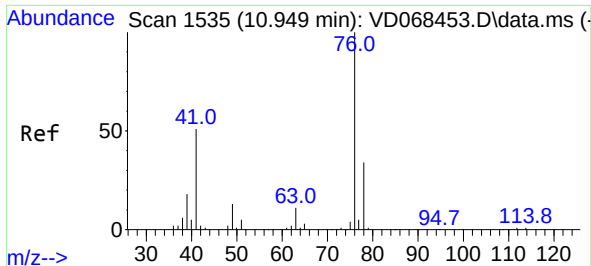
Tgt Ion:	69	Resp:	4989
Ion	Ratio	Lower	Upper
69	100		
41	48.4	44.9	67.3
39	39.6	21.9	32.9#



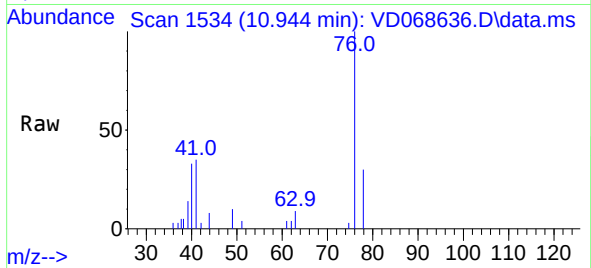
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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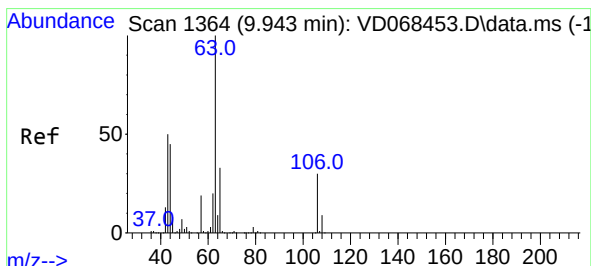
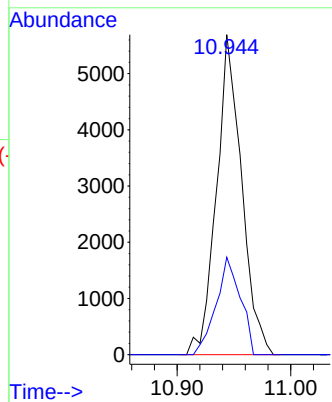
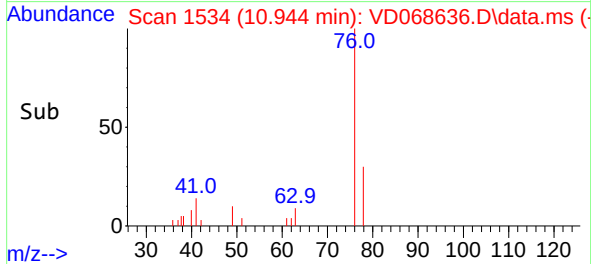
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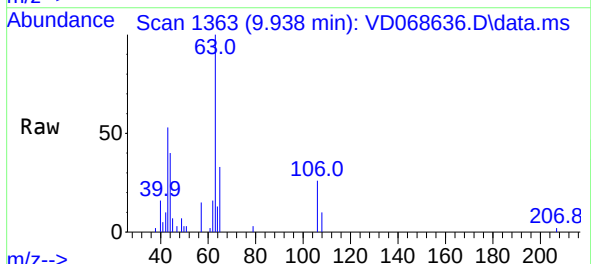
#57
1,3-Dichloropropane
Concen: 2.51 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.005 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



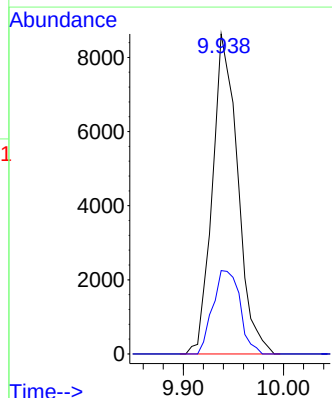
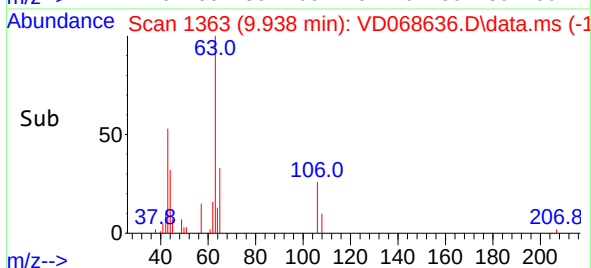
Tgt Ion: 76 Resp: 8740
Ion Ratio Lower Upper
76 100
78 29.4 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 13.20 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.005 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



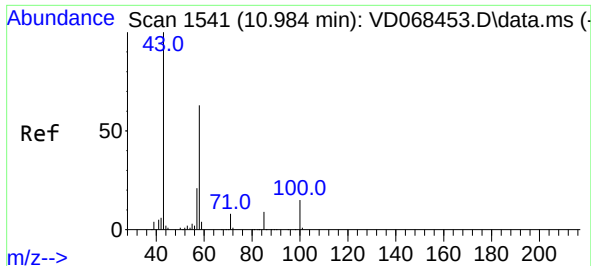
Tgt Ion: 63 Resp: 15161
Ion Ratio Lower Upper
63 100
106 27.9 27.0 40.4



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

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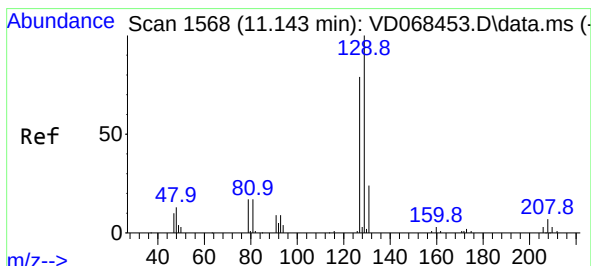
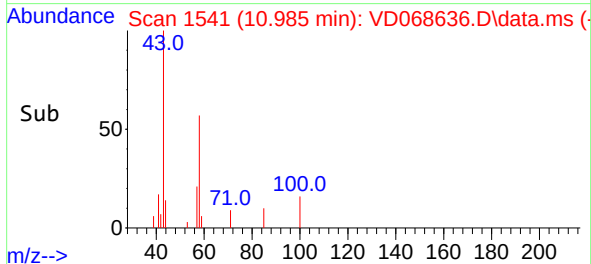
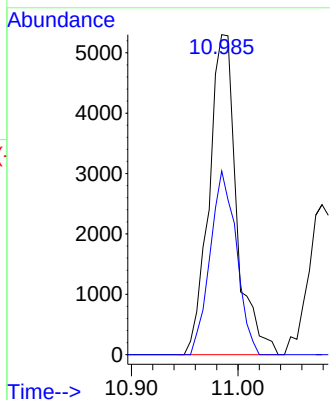
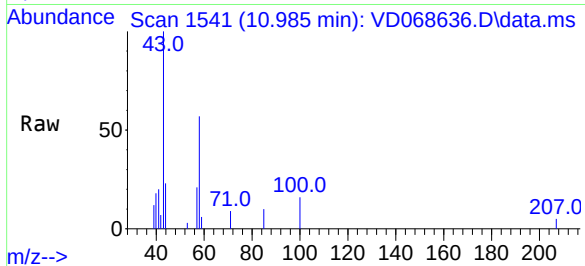
#59
2-Hexanone
Concen: 11.62 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion: 43 Resp: 9536
Ion Ratio Lower Upper
43 100
58 54.7 31.0 93.0

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

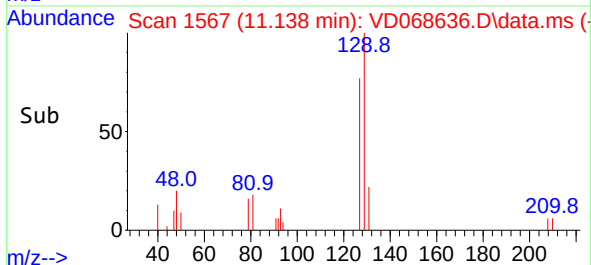
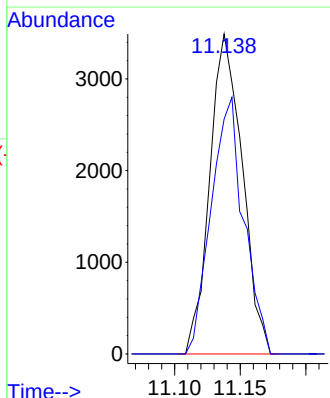
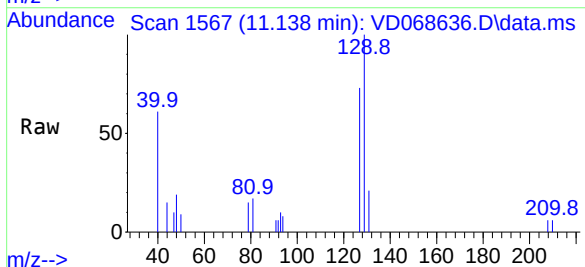
Manual Integrations
APPROVED

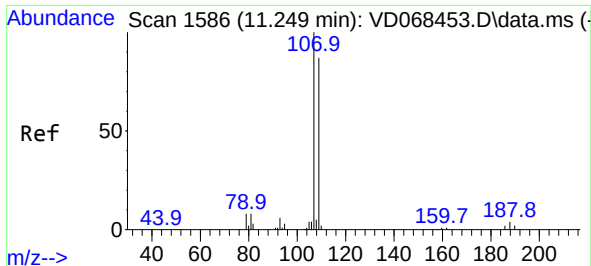
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3/18/2021 2:18:00 PM



#60
Dibromochloromethane
Concen: 2.44 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.005 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

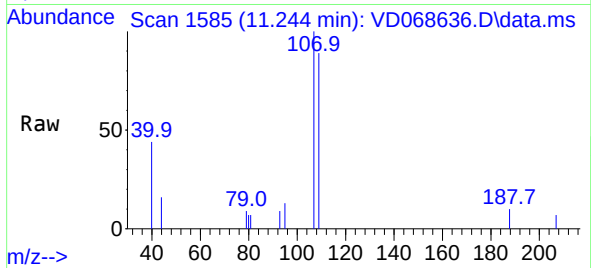
Tgt Ion: 129 Resp: 6016
Ion Ratio Lower Upper
129 100
127 80.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 2.44 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.005 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

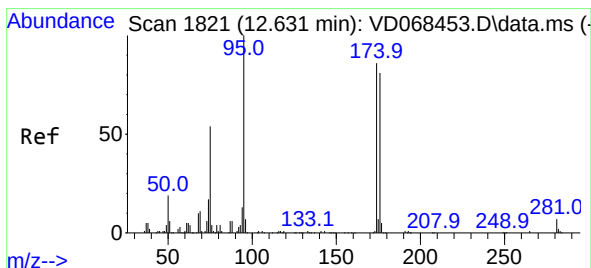
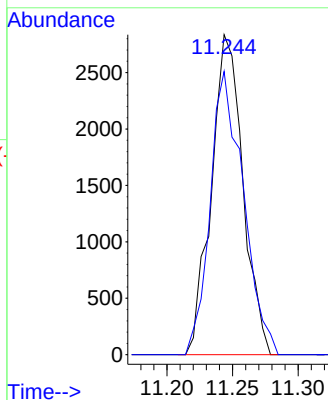
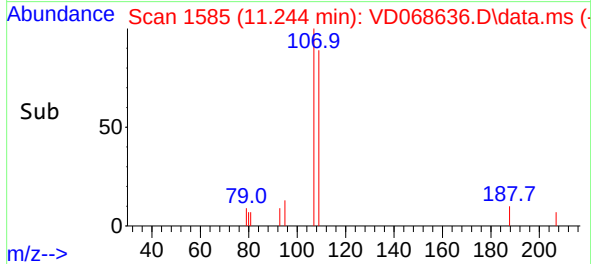
Instrument :
MSVOA_D
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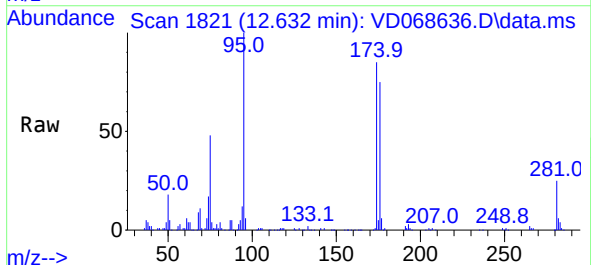
Tgt Ion:107 Resp: 4750
Ion Ratio Lower Upper
107 100
109 93.0 74.8 112.2

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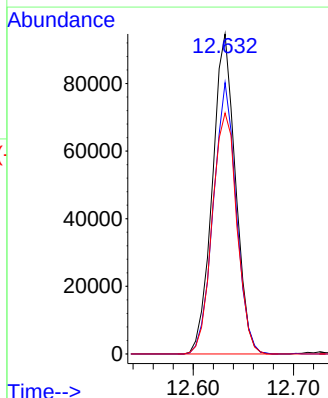
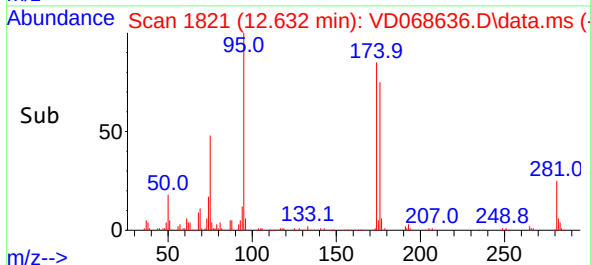
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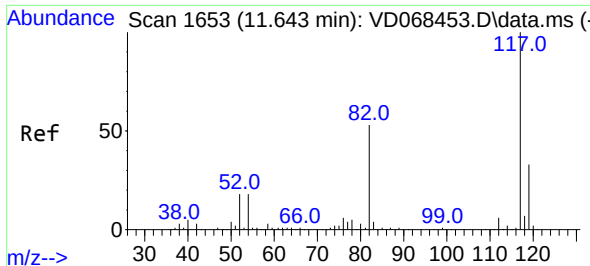


#62
4-Bromofluorobenzene
Concen: 48.21 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

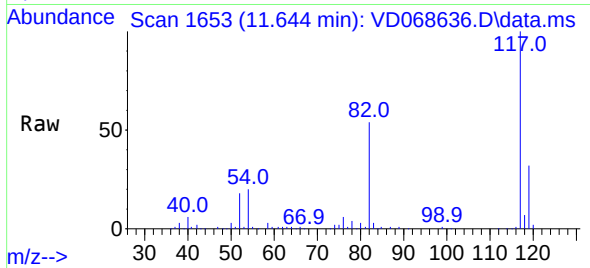


Tgt Ion: 95 Resp: 151369
Ion Ratio Lower Upper
95 100
174 83.8 0.0 172.4
176 80.4 0.0 168.4

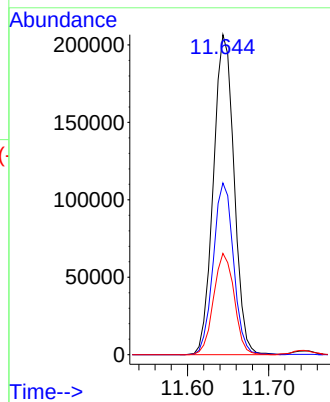
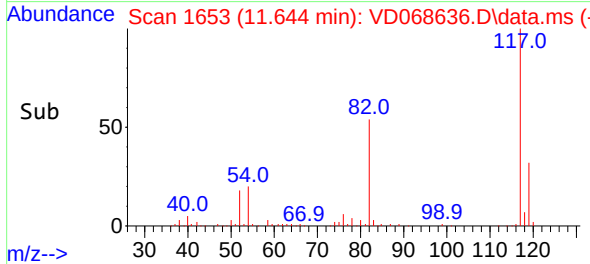




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



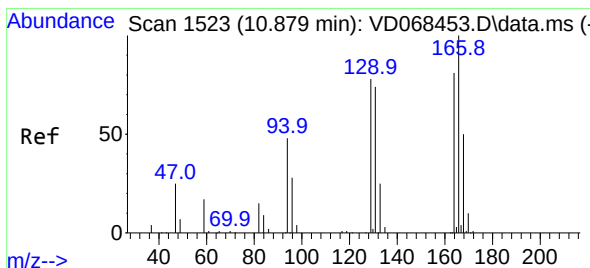
Tgt Ion:117 Resp: 366386
Ion Ratio Lower Upper
117 100
82 53.7 41.4 62.0
119 31.6 26.1 39.1



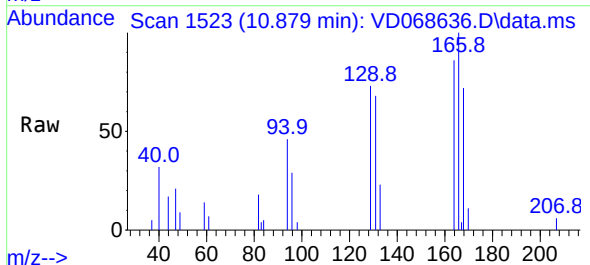
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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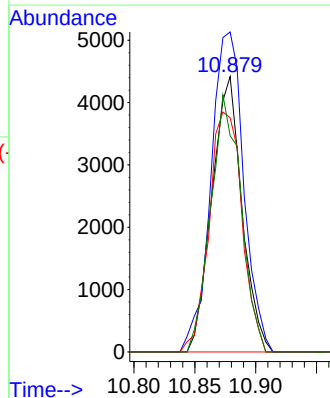
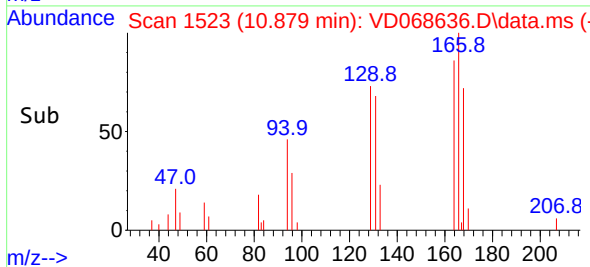
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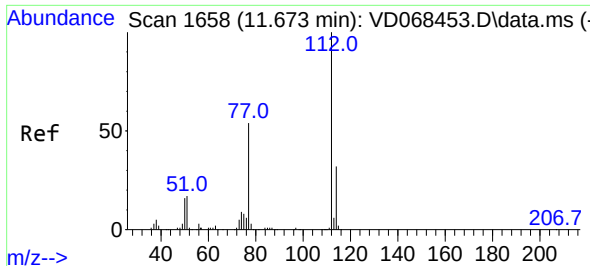


#64
Tetrachloroethene
Concen: 3.17 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



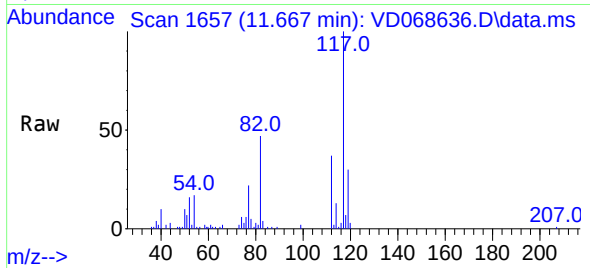
Tgt Ion:164 Resp: 7589
Ion Ratio Lower Upper
164 100
166 116.2 105.5 158.3
129 85.0 75.6 113.4
131 78.5 72.4 108.6





#65
Chlorobenzene
Concen: 2.67 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.005 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

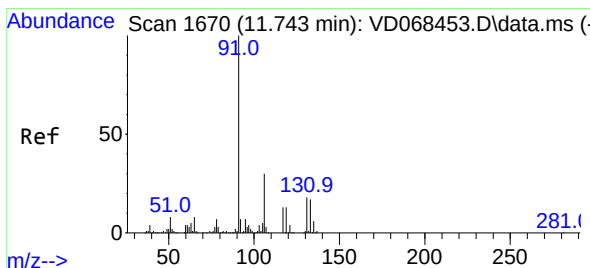
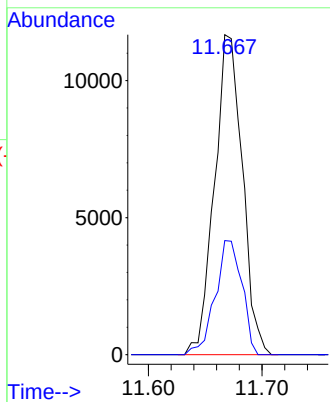
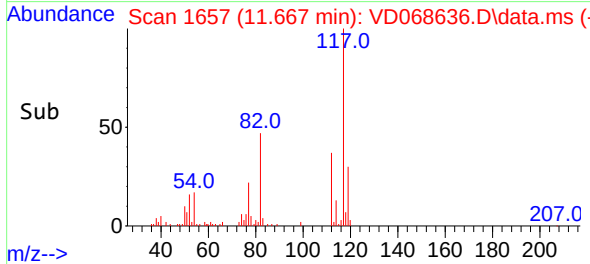
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



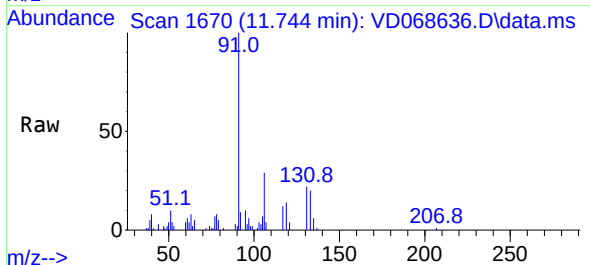
Tgt Ion:112 Resp: 19944
Ion Ratio Lower Upper
112 100
114 35.6 25.7 38.5

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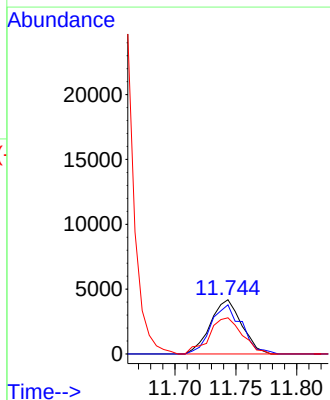
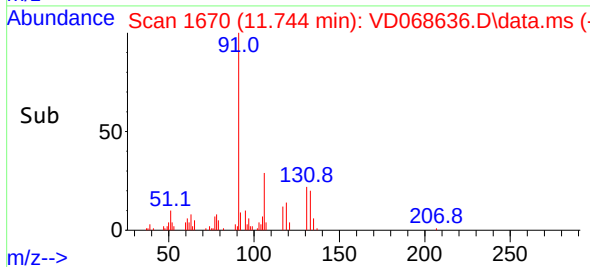
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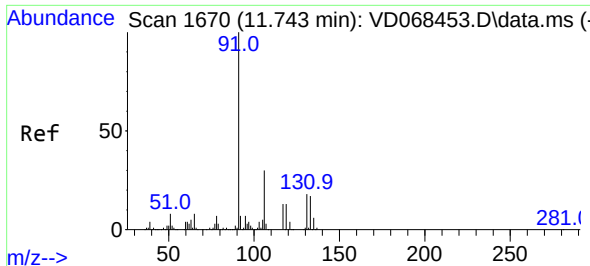


#66
1,1,1,2-Tetrachloroethane
Concen: 2.88 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



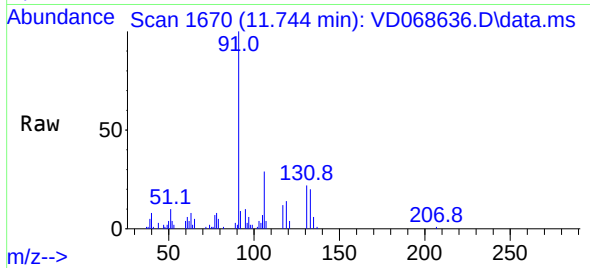
Tgt Ion:131 Resp: 7471
Ion Ratio Lower Upper
131 100
133 89.9 48.1 144.4
119 70.2 31.6 94.8





#67
Ethyl Benzene
Concen: 2.51 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

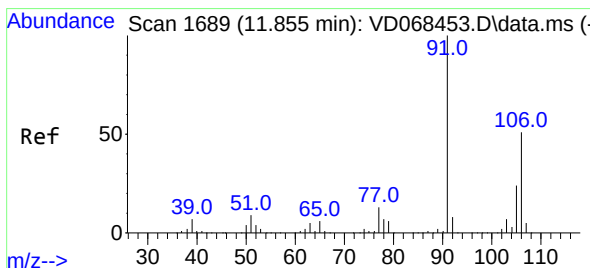
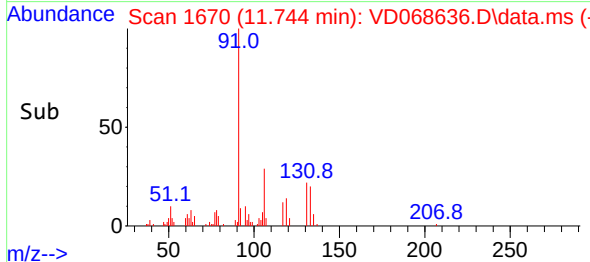
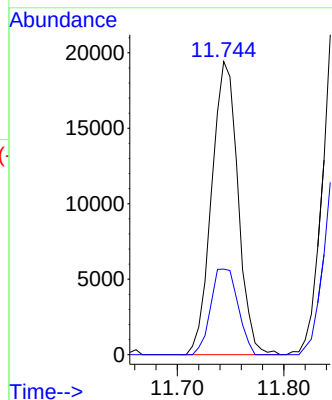
Instrument :
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ClientSampleId :
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Tgt Ion: 91 Resp: 33389
Ion Ratio Lower Upper
91 100
106 29.2 25.9 38.9

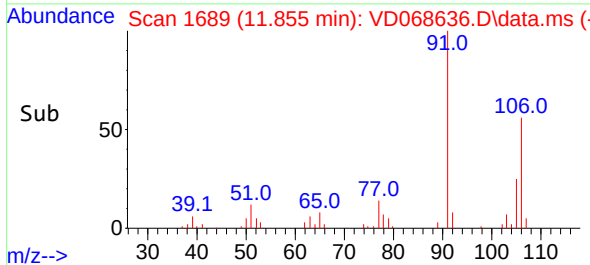
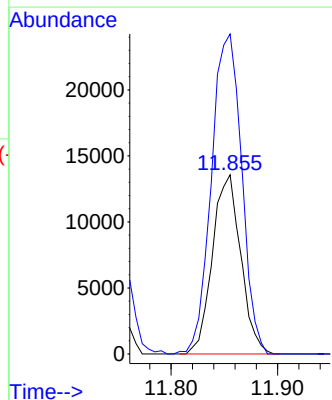
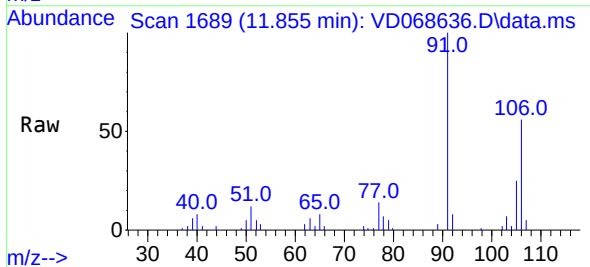
Manual Integrations
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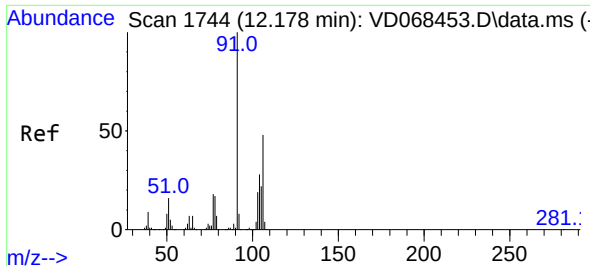
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#68
m/p-Xylenes
Concen: 4.95 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion: 106 Resp: 25027
Ion Ratio Lower Upper
106 100
91 191.0 159.1 238.7





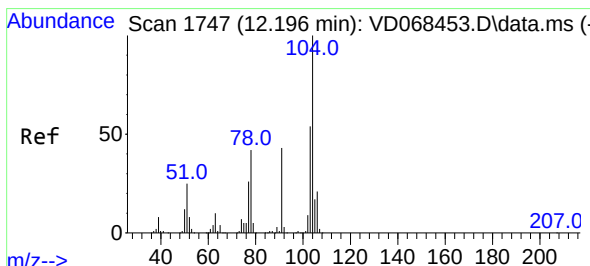
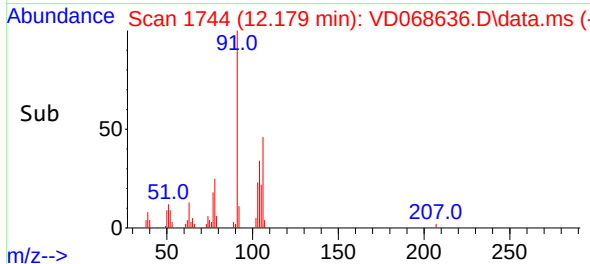
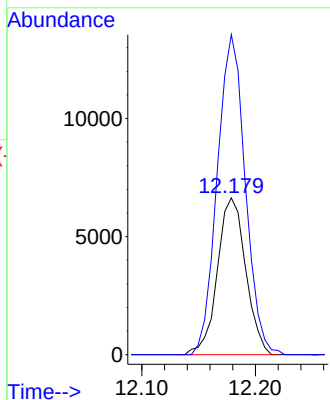
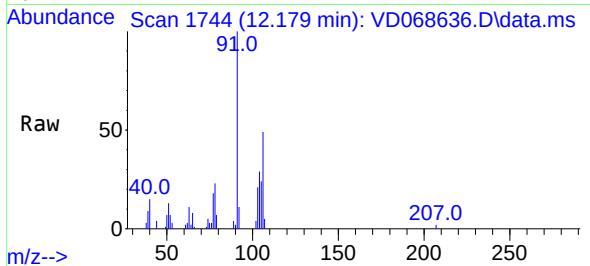
#69
o-Xylene
Concen: 2.47 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion:106 Resp: 11505
Ion Ratio Lower Upper
106 100
91 201.9 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
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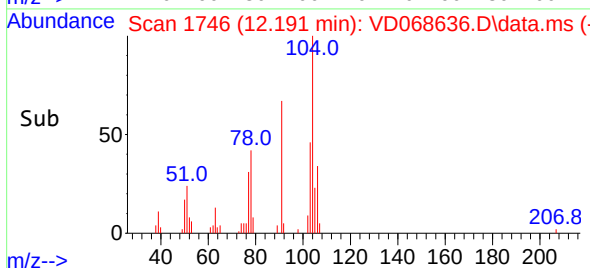
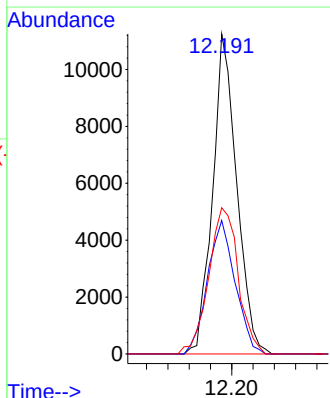
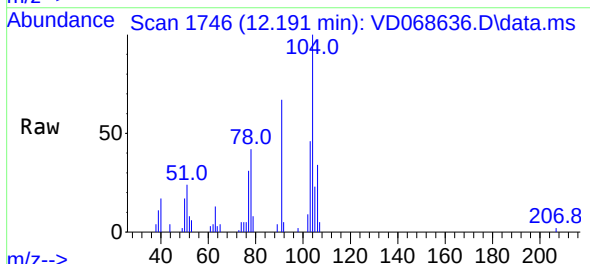
Manual Integrations
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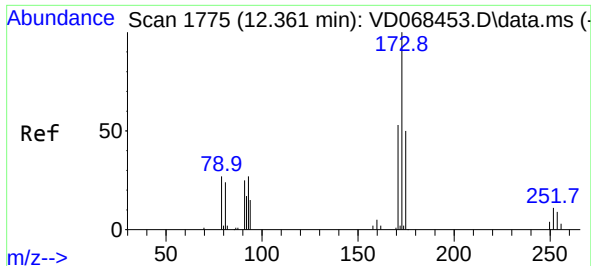
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#70
Styrene
Concen: 2.22 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. -0.006 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion:104 Resp: 17676
Ion Ratio Lower Upper
104 100
78 48.0 38.2 57.2
103 55.9 43.1 64.7





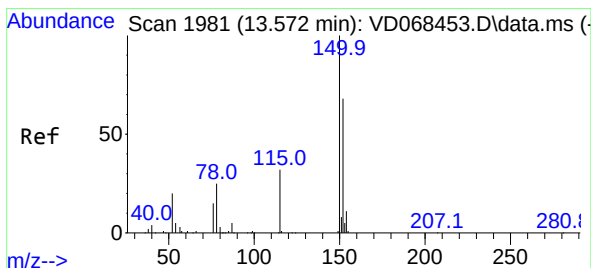
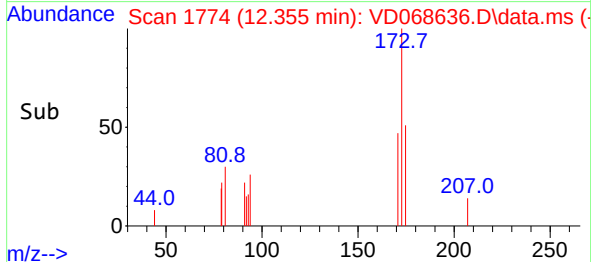
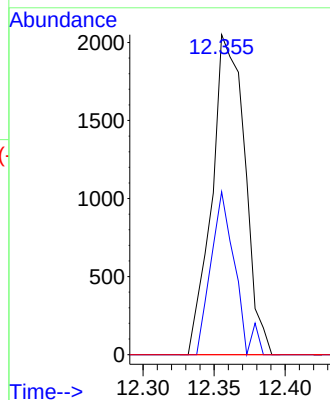
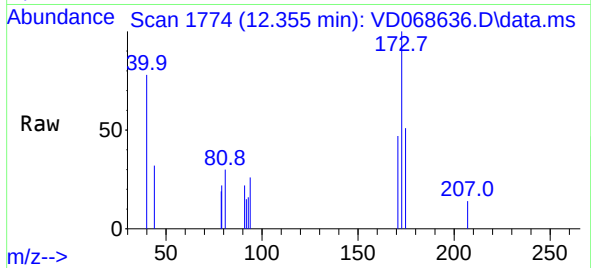
#71
Bromoform
Concen: 2.51 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion:173 Resp: 3306
Ion Ratio Lower Upper
173 100
175 37.1 24.6 73.8
254 0.0 0.0 0.0

Instrument :
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ClientSampleId :
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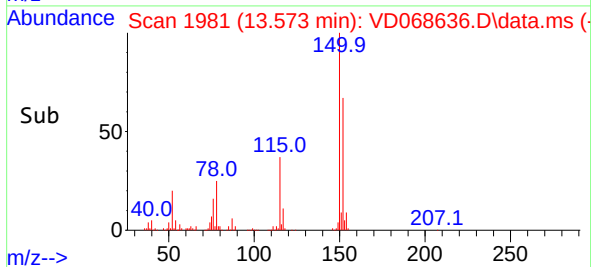
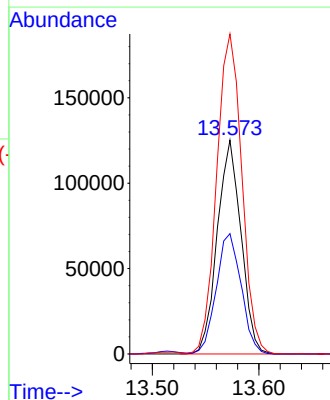
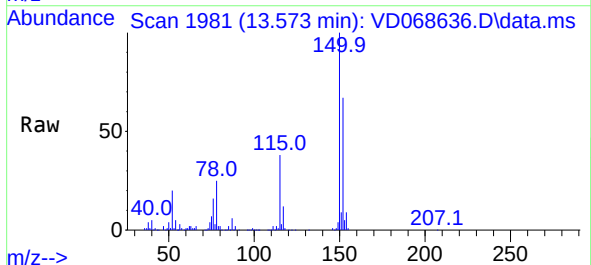
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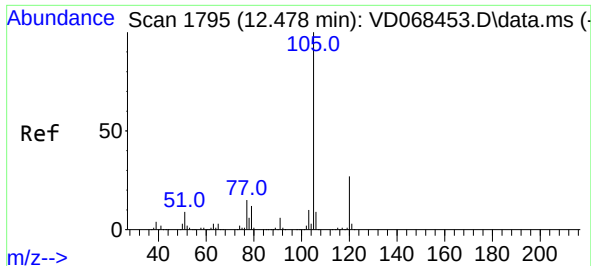
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

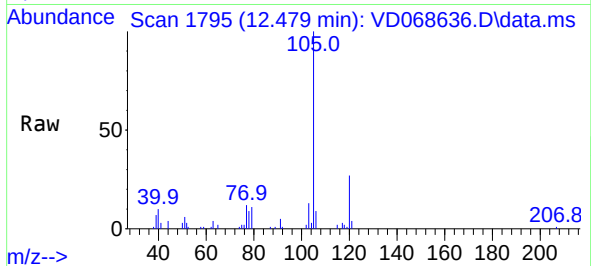
Tgt Ion:152 Resp: 193720
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.8
150 158.6 0.0 344.4





#73
Isopropylbenzene
Concen: 2.18 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

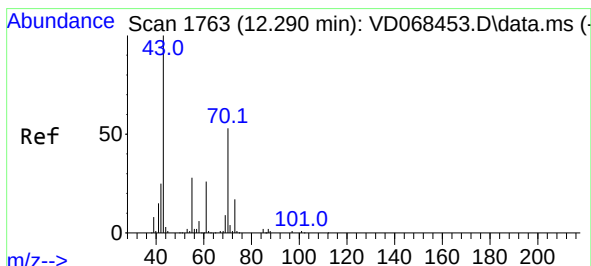
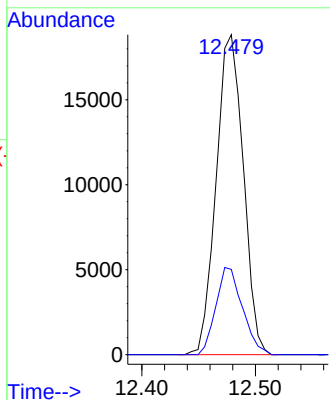
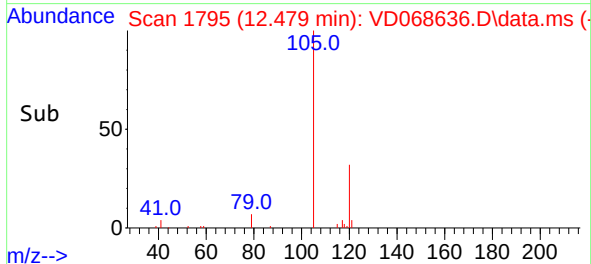
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



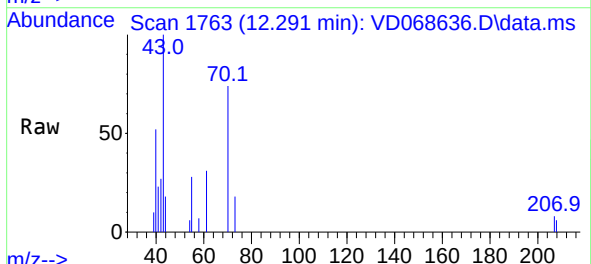
Tgt Ion:105 Resp: 31254
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.6

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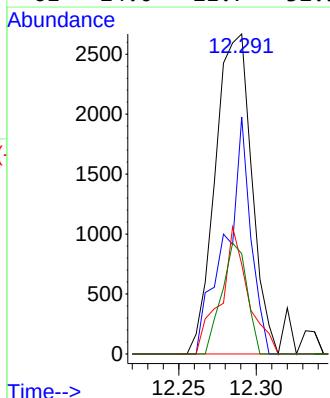
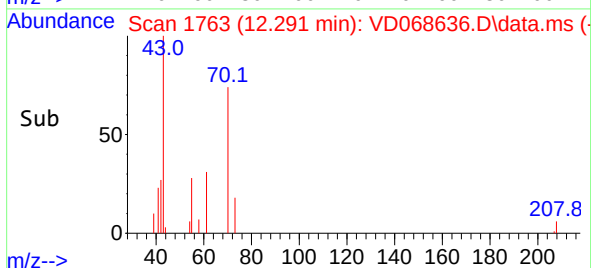
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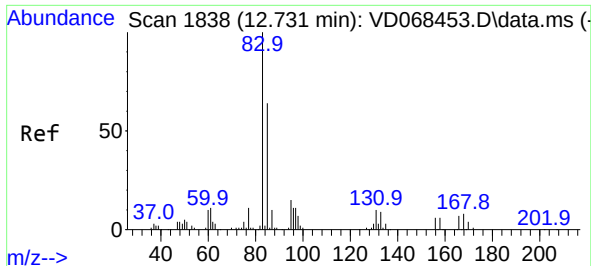


#74
N-ethyl acetate
Concen: 1.78 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



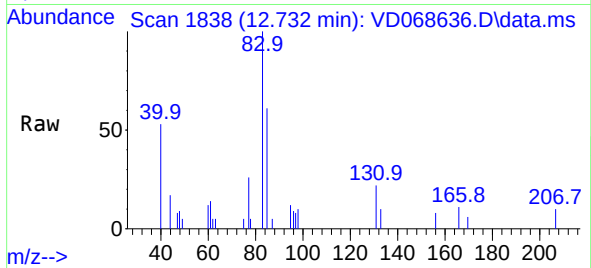
Tgt Ion: 43 Resp: 4352
Ion Ratio Lower Upper
43 100
70 51.3 41.8 62.8
55 29.9 24.2 36.4
61 24.0 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 2.08 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

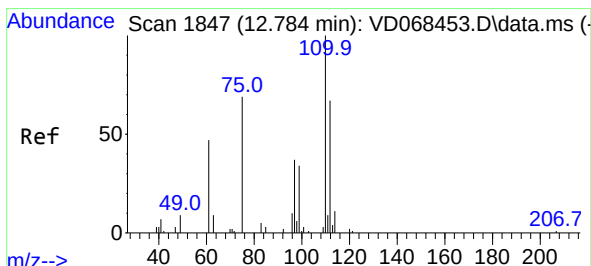
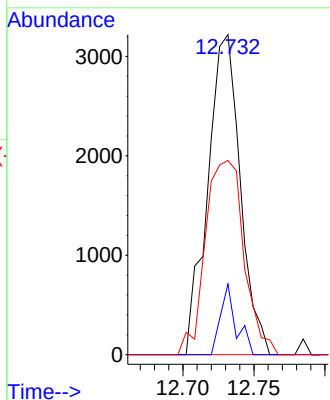
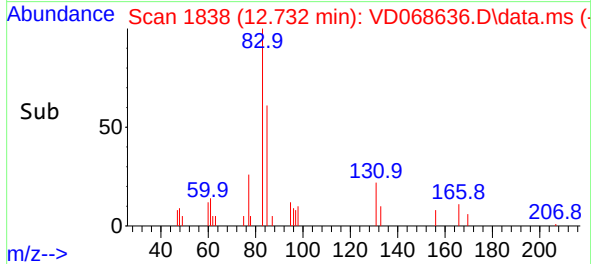
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



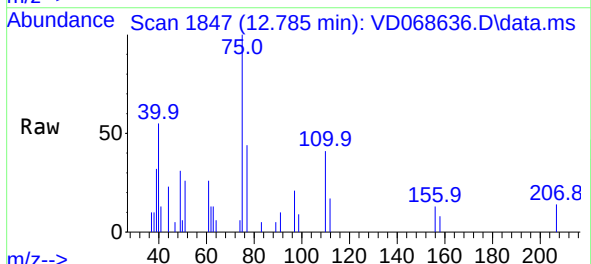
Tgt Ion: 83 Resp: 5139
Ion Ratio Lower Upper
83 100
131 10.5 5.8 17.4
85 71.9 32.4 97.2

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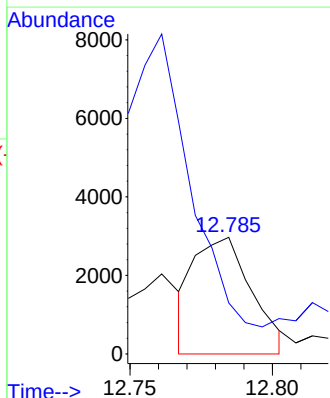
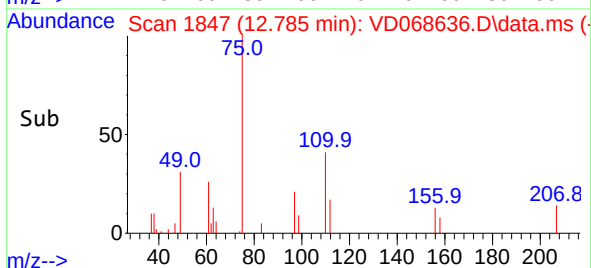
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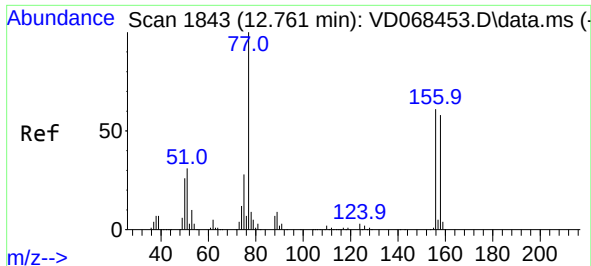


#76
1,2,3-Trichloropropane
Concen: 2.44 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. 0.001 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



Tgt Ion: 75 Resp: 4188
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





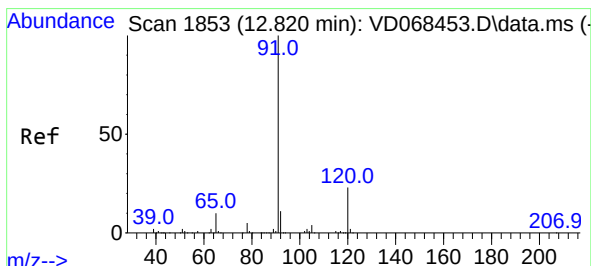
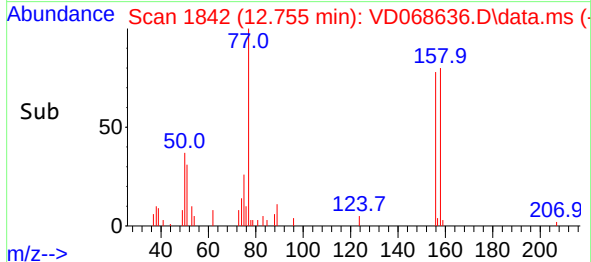
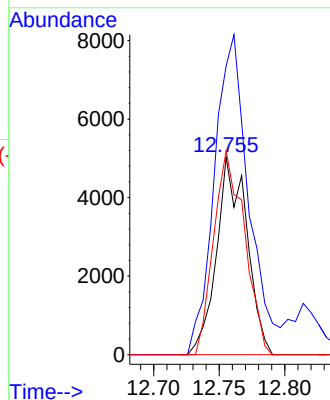
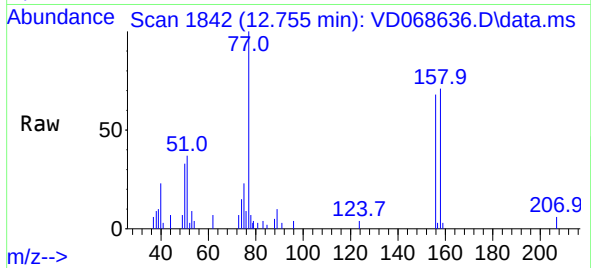
#77
Bromobenzene
Concen: 2.46 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.005 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion: 156 Resp: 8060
Ion Ratio Lower Upper
156 100
77 184.2 82.8 248.3
158 105.0 48.0 144.0

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

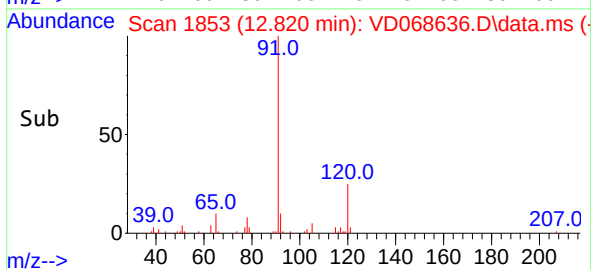
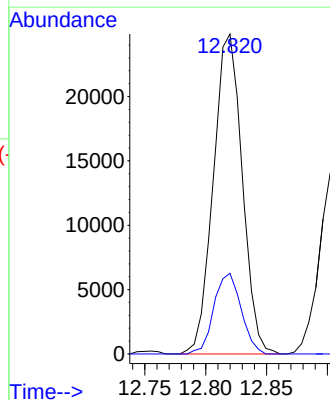
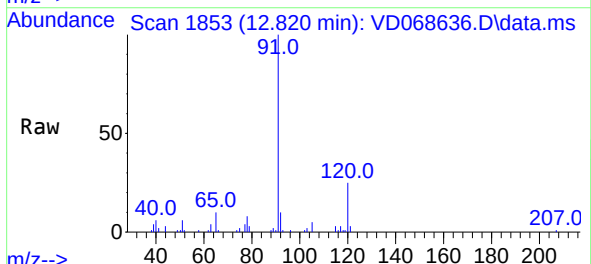
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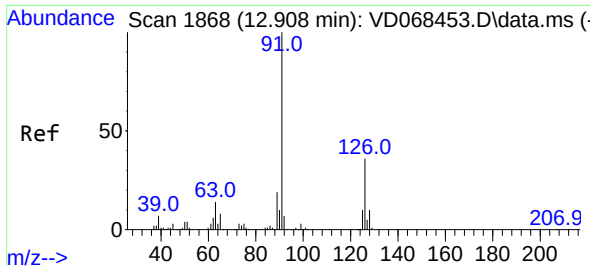
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#78
n-propylbenzene
Concen: 2.39 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

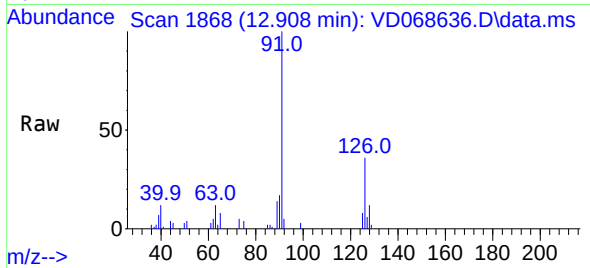
Tgt Ion: 91 Resp: 41043
Ion Ratio Lower Upper
91 100
120 23.7 12.0 36.0





#79
2-Chlorotoluene
Concen: 2.62 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

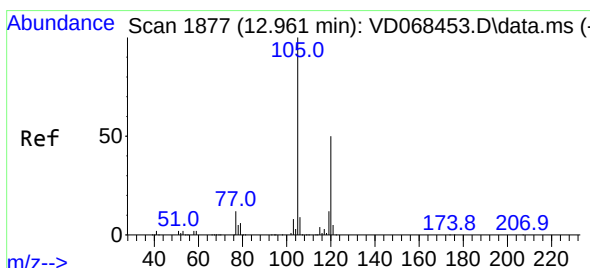
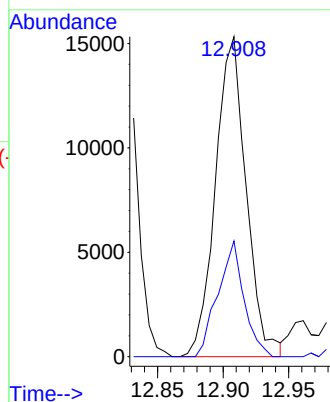
Instrument :
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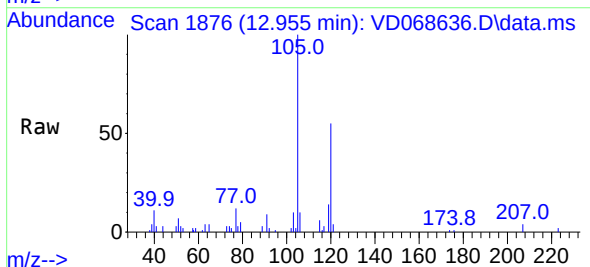
Tgt Ion: 91 Resp: 24935
Ion Ratio Lower Upper
91 100
126 30.7 17.8 53.5

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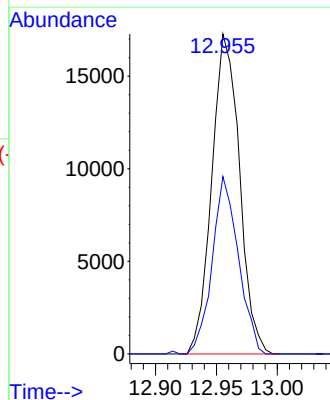
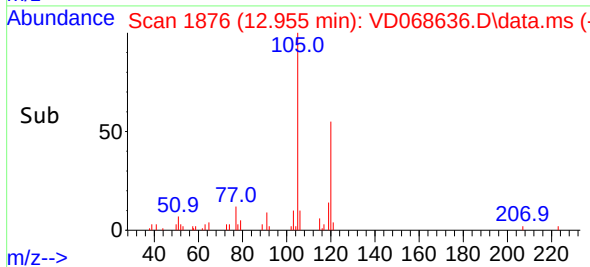
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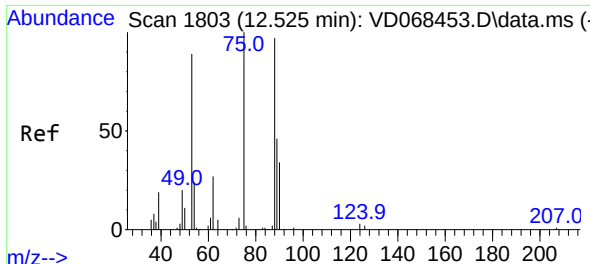


#80
1,3,5-Trimethylbenzene
Concen: 2.32 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



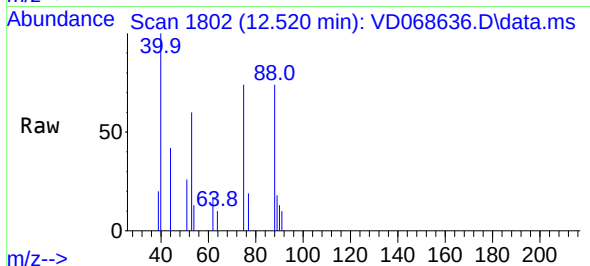
Tgt Ion: 105 Resp: 27361
Ion Ratio Lower Upper
105 100
120 52.6 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 2.13 ug/l m
RT: 12.520 min Scan# 1802
Delta R.T. -0.005 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

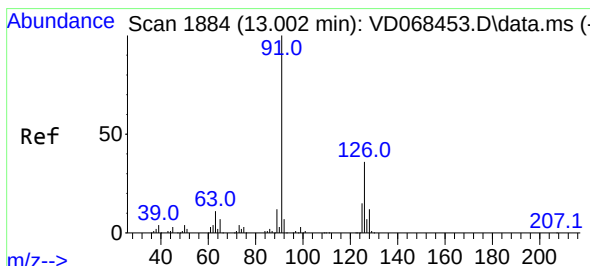
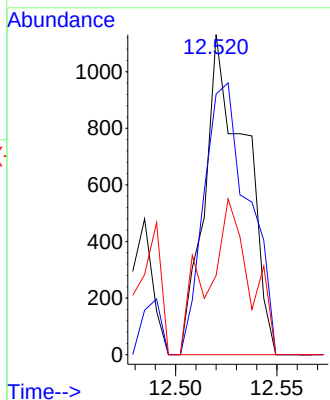
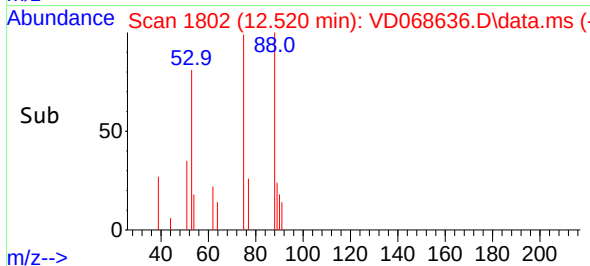
Instrument :
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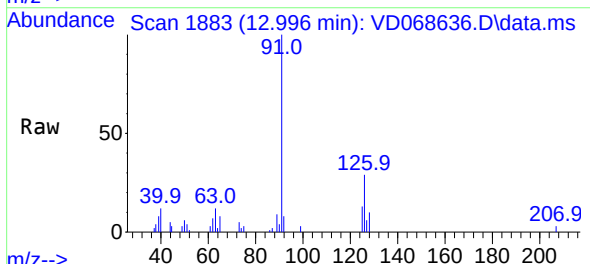
Tgt Ion: 75 Resp: 1573
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 17.0 40.3 60.5#

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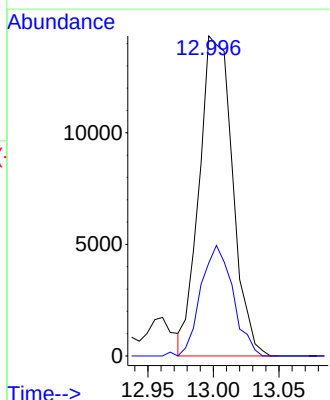
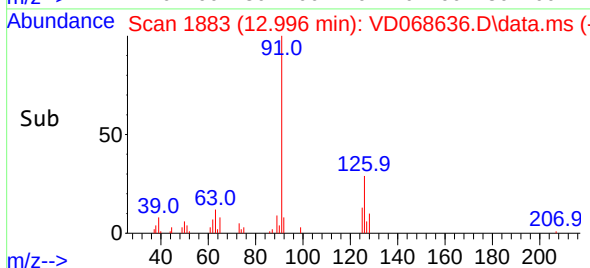
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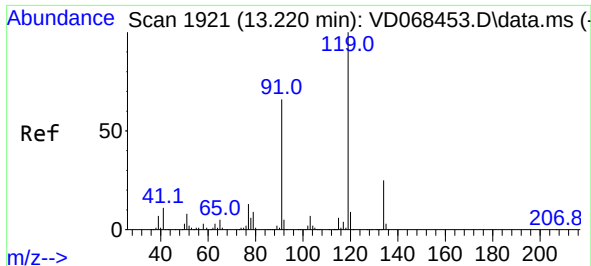


#82
4-Chlorotoluene
Concen: 2.53 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.005 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



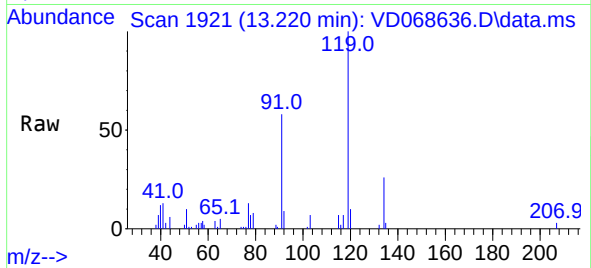
Tgt Ion: 91 Resp: 25320
Ion Ratio Lower Upper
91 100
126 33.4 17.7 53.1





#83
tert-Butylbenzene
Concen: 2.44 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

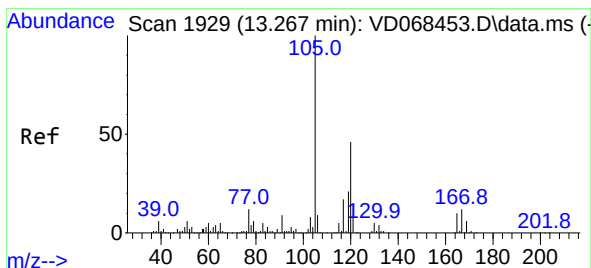
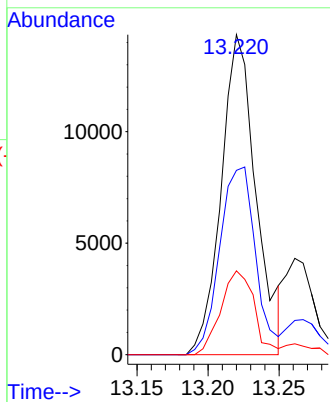
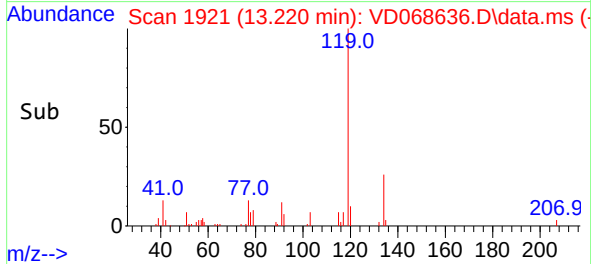
Instrument :
MSVOA_D
ClientSampleId :
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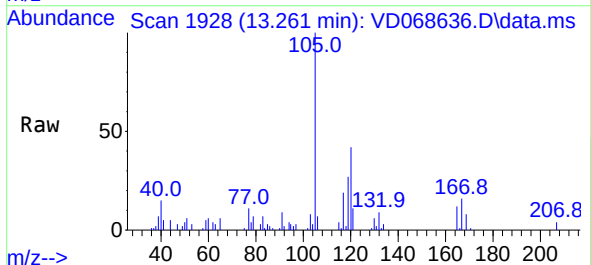
Tgt Ion:119 Resp: 24492
Ion Ratio Lower Upper
119 100
91 60.2 31.1 93.5
134 25.0 13.3 39.8

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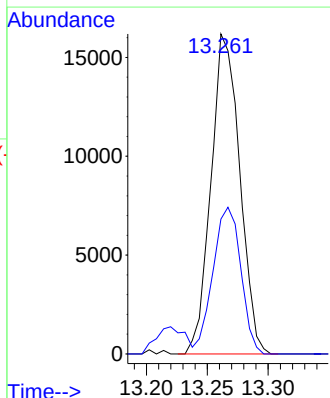
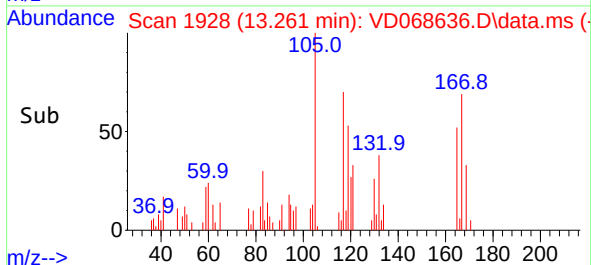
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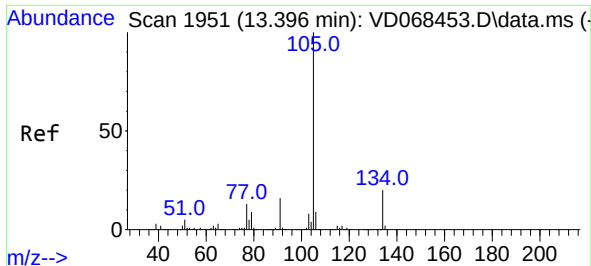


#84
1,2,4-Trimethylbenzene
Concen: 2.25 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.005 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



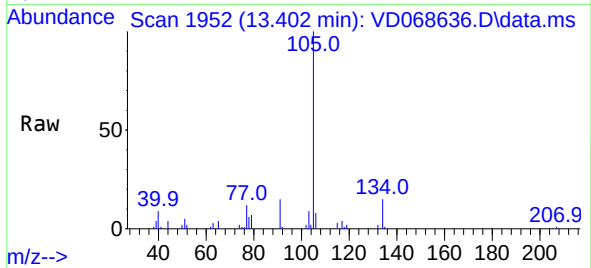
Tgt Ion:105 Resp: 26576
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 2.42 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.006 min
 Lab File: VD068636.D
 Acq: 17 Mar 2021 14:30

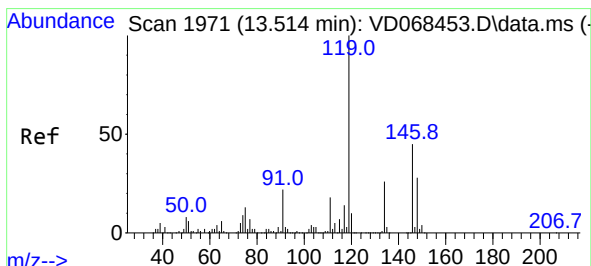
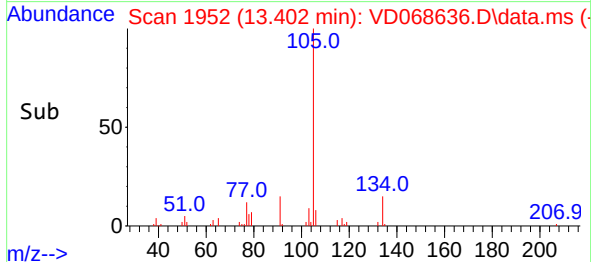
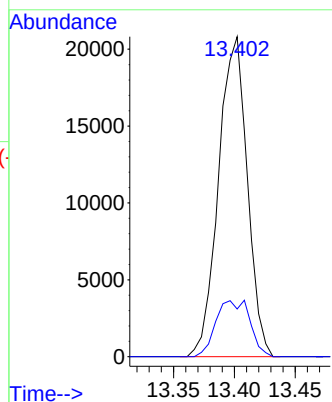
Instrument :
 MSVOA_D
 ClientSampleId :
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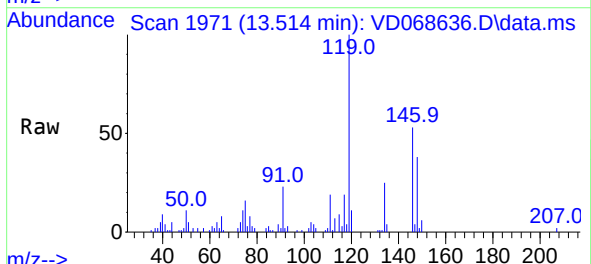
Tgt Ion:105 Resp: 34220
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.9

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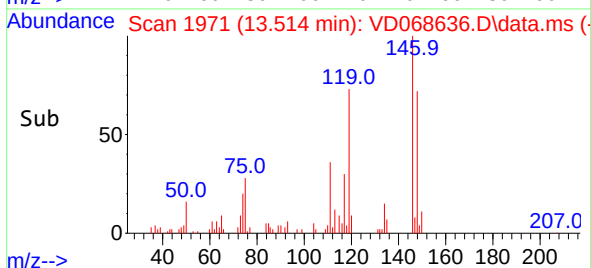
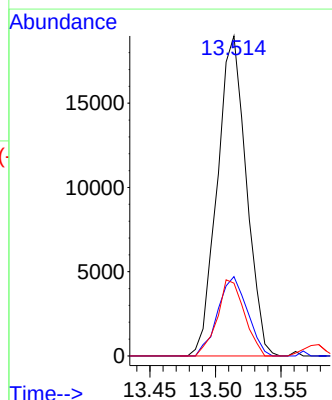
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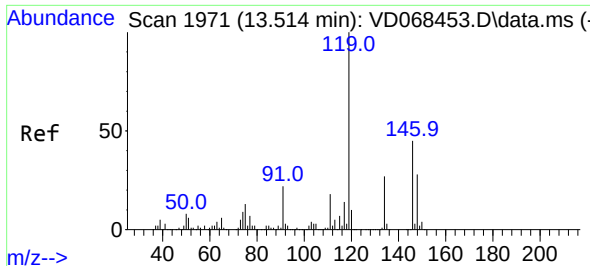


#86
 p-Isopropyltoluene
 Concen: 2.27 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068636.D
 Acq: 17 Mar 2021 14:30

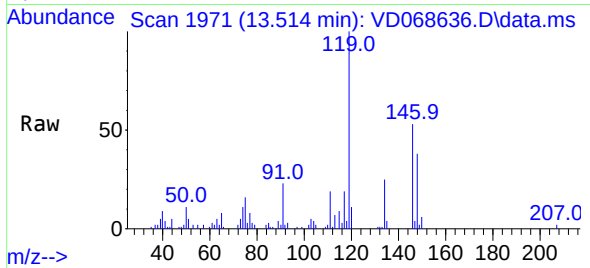


Tgt Ion:119 Resp: 29199
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.9 38.7
 91 22.2 11.7 35.0

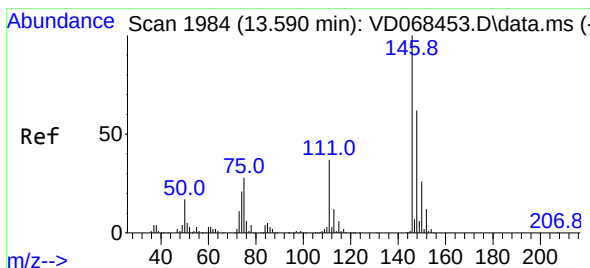
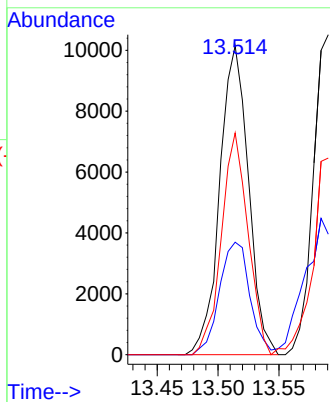
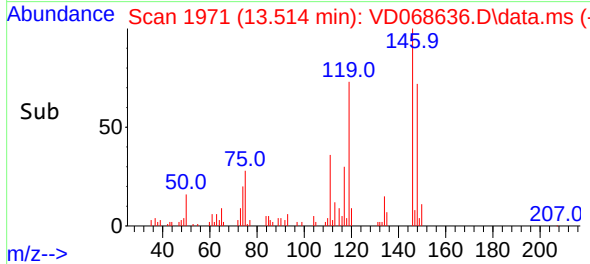




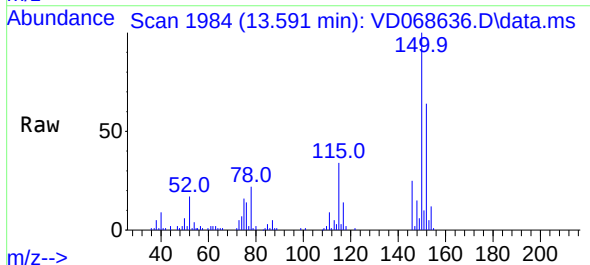
#87
1,3-Dichlorobenzene
Concen: 2.63 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



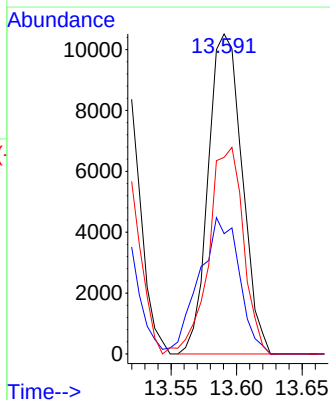
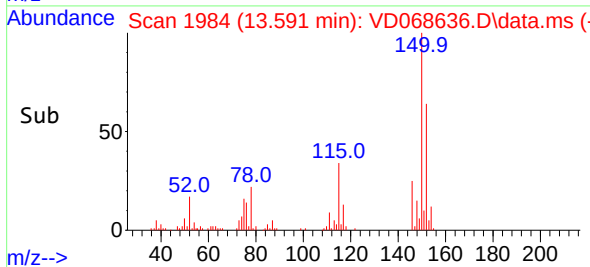
Tgt Ion:146 Resp: 16650
Ion Ratio Lower Upper
146 100
111 38.6 19.5 58.5
148 66.8 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 3.01 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



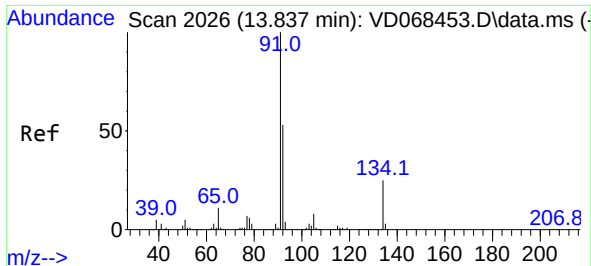
Tgt Ion:146 Resp: 18875
Ion Ratio Lower Upper
146 100
111 50.4 19.1 57.1
148 65.1 31.9 95.7



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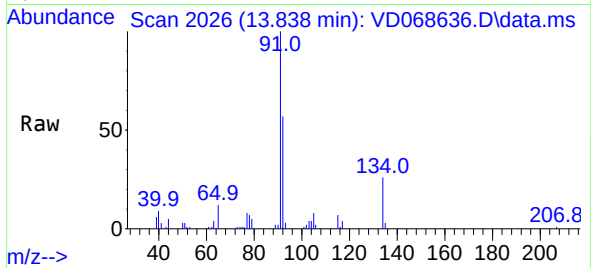
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#89
n-Butylbenzene
Concen: 2.49 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

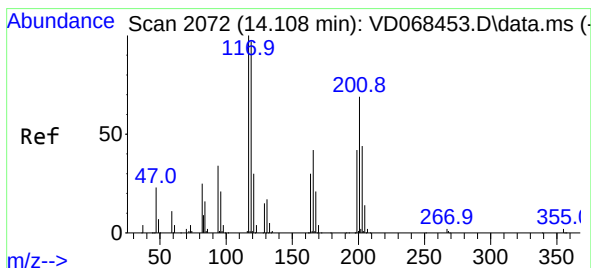
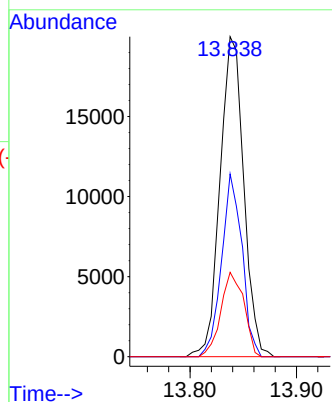
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:	91	Resp:	30863
Ion	Ratio	Lower	Upper
91	100		
92	49.1	27.2	81.6
134	25.7	13.9	41.7

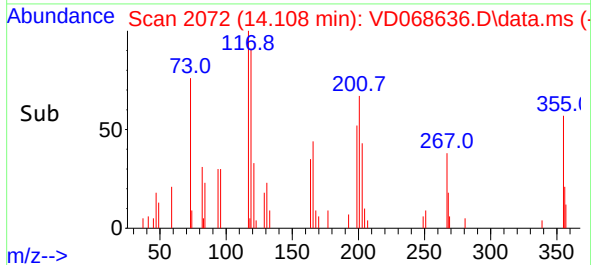
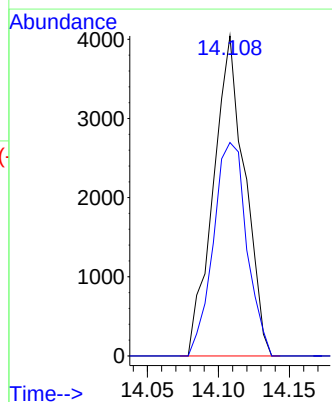
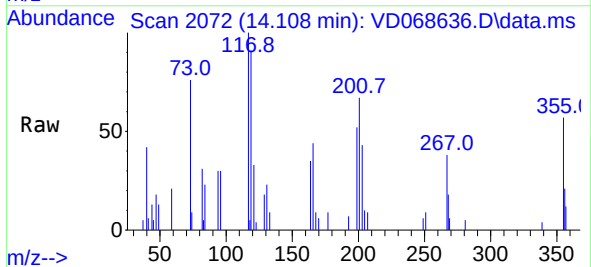
Manual Integrations
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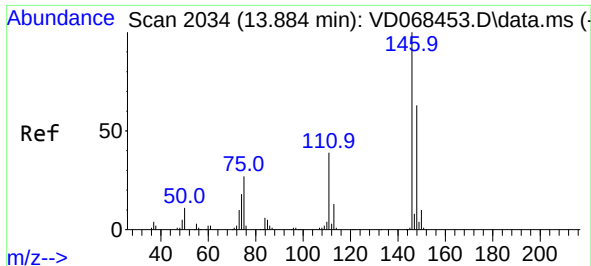
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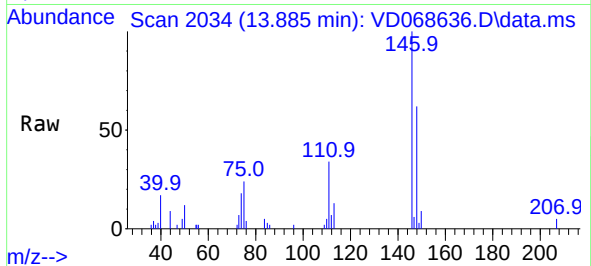
#90
Hexachloroethane
Concen: 2.45 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion:	117	Resp:	6249
Ion	Ratio	Lower	Upper
117	100		
201	70.8	39.5	118.5

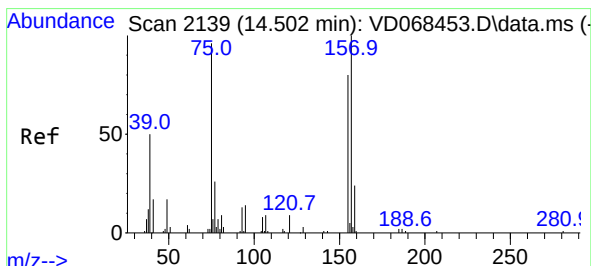
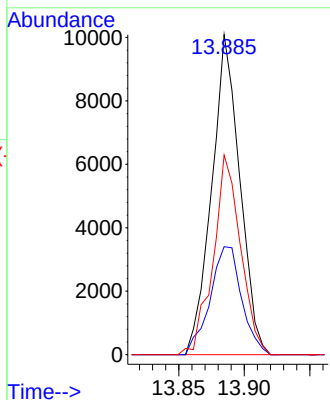
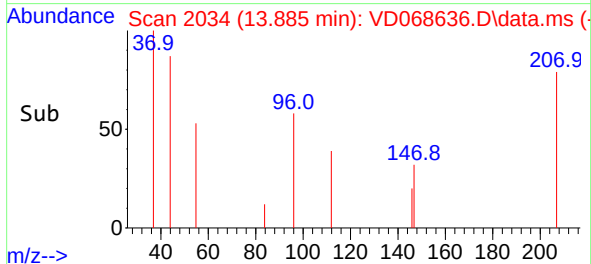




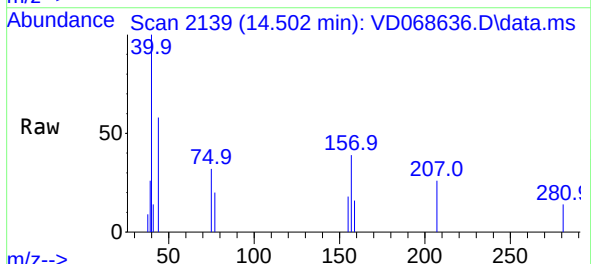
#91
1,2-Dichlorobenzene
Concen: 2.77 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



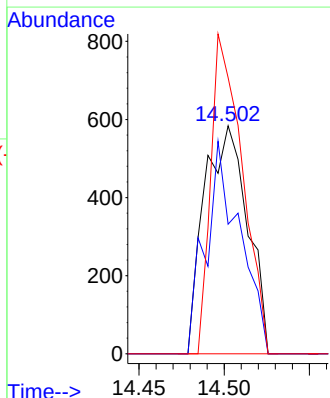
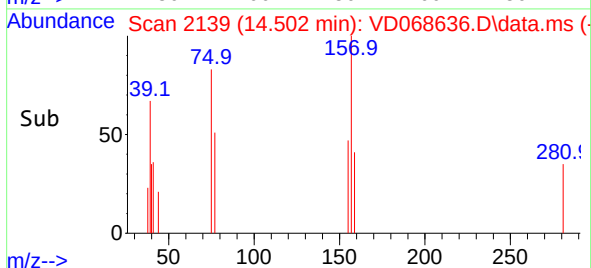
Tgt Ion:146 Resp: 15023
Ion Ratio Lower Upper
146 100
111 38.0 20.3 60.9
148 60.8 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.36 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



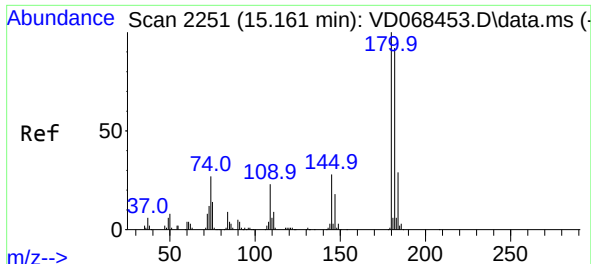
Tgt Ion: 75 Resp: 1029
Ion Ratio Lower Upper
75 100
155 73.4 48.0 144.2
157 102.1 65.0 194.8



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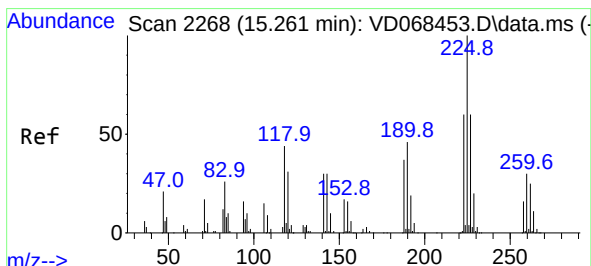
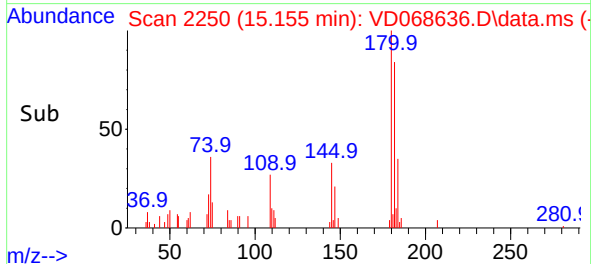
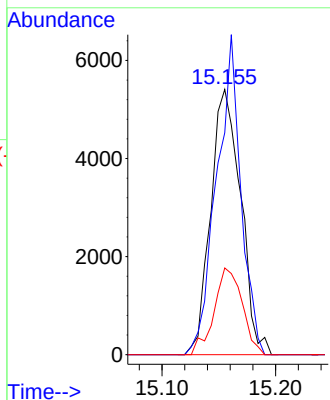
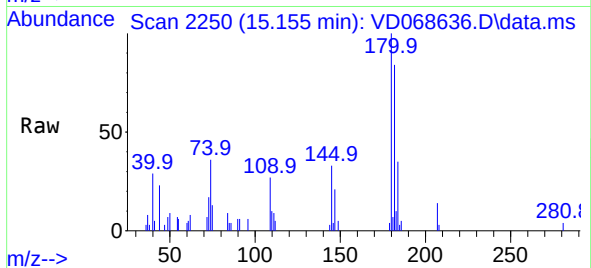
#93
1,2,4-Trichlorobenzene
Concen: 2.37 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.005 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion:	180	Resp:	9929
Ion Ratio	Lower	Upper	
180	100		
182	97.7	46.8	140.4
145	30.6	15.2	45.5

Instrument :
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ClientSampleId :
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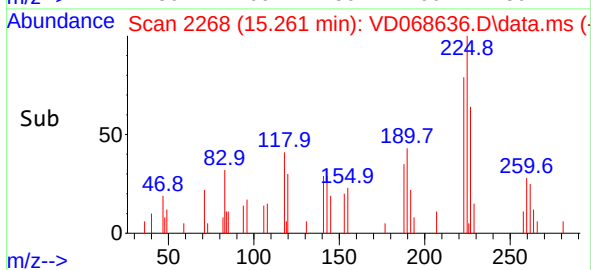
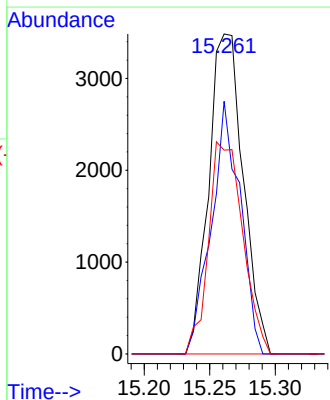
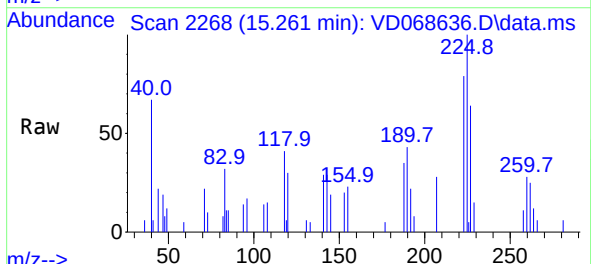
Manual Integrations
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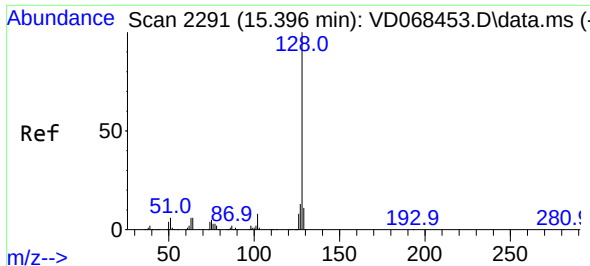
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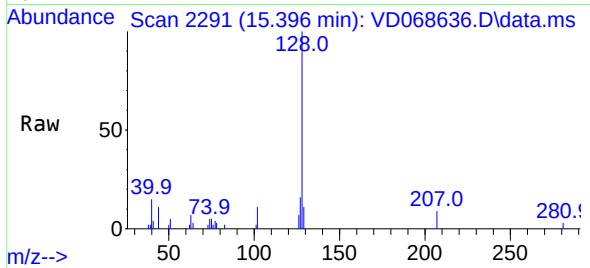
#94
Hexachlorobutadiene
Concen: 2.74 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30

Tgt Ion:	225	Resp:	6385
Ion Ratio	Lower	Upper	
225	100		
223	66.0	31.9	95.5
227	65.5	32.1	96.5

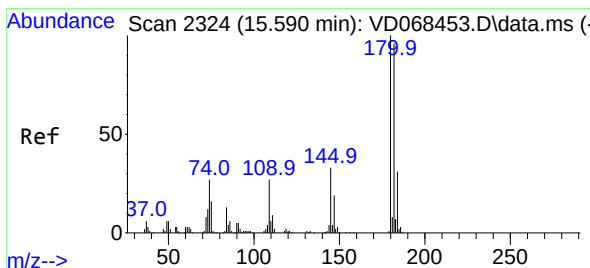
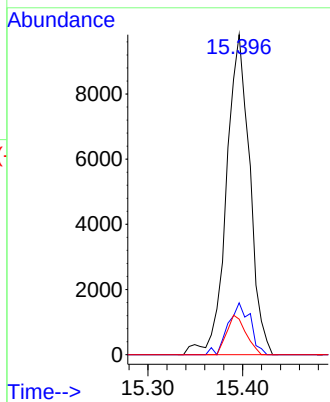
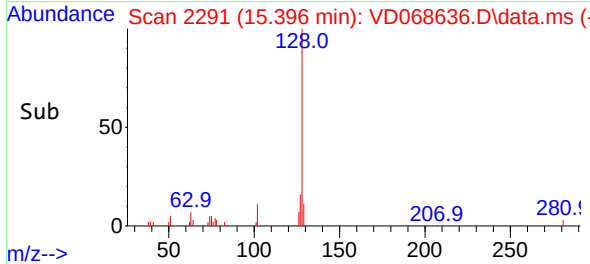




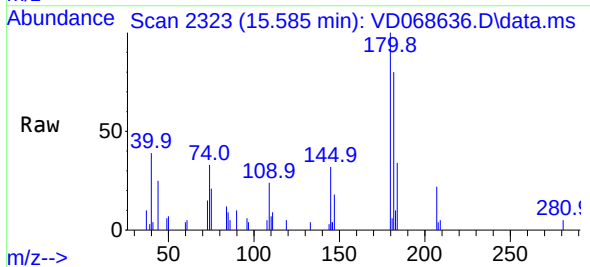
#95
Naphthalene
Concen: 2.21 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



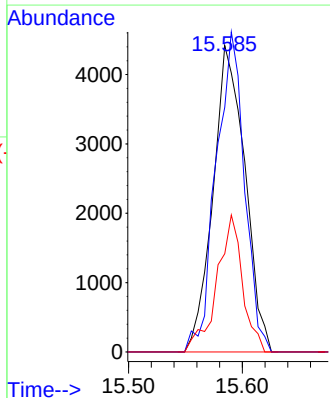
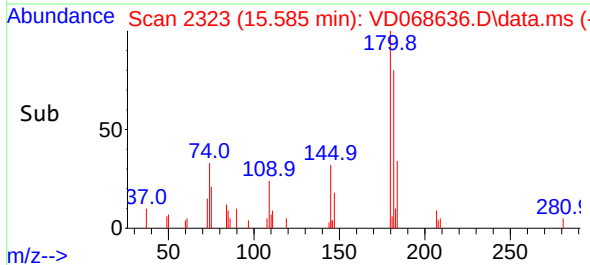
Tgt Ion:128 Resp: 16762
Ion Ratio Lower Upper
128 100
127 15.4 10.2 15.2#
129 10.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 2.37 ug/l
RT: 15.585 min Scan# 2323
Delta R.T. -0.005 min
Lab File: VD068636.D
Acq: 17 Mar 2021 14:30



Tgt Ion:180 Resp: 8624
Ion Ratio Lower Upper
180 100
182 93.0 48.3 144.8
145 35.9 16.7 50.1



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

Manual Integrations
APPROVED

MMDadoda
3/18/2021 2:18:00 PM