

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031721\
 Data File : VW018357.D
 Acq On : 17 Mar 2021 20:54
 Operator : SY/VA
 Sample : M1458-01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Mar 18 03:33:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 18 03:32:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	353016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	616565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	553444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	266216	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	196781	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
35) Dibromofluoromethane	7.891	113	168194	46.81	ug/l	0.01
Spiked Amount 50.000			Recovery	=	93.62%	
50) Toluene-d8	10.323	98	669507	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
62) 4-Bromofluorobenzene	12.615	95	252548	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.12%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.020	85	8231	3.28	ug/l	90
3) Chloromethane	2.215	50	16099	4.14	ug/l	92
4) Vinyl Chloride	2.367	62	14926	3.98	ug/l	98
5) Bromomethane	2.782	94	16109	5.26	ug/l	97
6) Chloroethane	2.928	64	13378	4.55	ug/l	95
7) Trichlorofluoromethane	3.257	101	11022	3.78	ug/l	98
8) Diethyl Ether	3.678	74	7665	4.35	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.062	101	13656	4.14	ug/l #	70
10) Methyl Iodide	4.275	142	21034	4.34	ug/l	94
11) Tert butyl alcohol	5.153	59	5744	25.04	ug/l	99
12) 1,1-Dichloroethene	4.038	96	14941	4.40	ug/l	92
13) Acrolein	3.897	56	4992	28.49	ug/l	92
14) Allyl chloride	4.666	41	20632	4.46	ug/l	95
15) Acrylonitrile	5.367	53	16206	23.24	ug/l	98
16) Acetone	4.117	43	15030	26.67	ug/l	91
17) Carbon Disulfide	4.385	76	34271	3.85	ug/l	95
18) Methyl Acetate	4.678	43	7549	5.10	ug/l	93
19) Methyl tert-butyl Ether	5.428	73	22973	4.51	ug/l	95
20) Methylene Chloride	4.915	84	28268	6.60	ug/l #	81
21) trans-1,2-Dichloroethene	5.428	96	17116	4.29	ug/l	91
22) Diisopropyl ether	6.312	45	42061	4.43	ug/l	98
23) Vinyl Acetate	6.257	43	126182	21.47	ug/l	98
24) 1,1-Dichloroethane	6.220	63	30419	4.47	ug/l	98
25) 2-Butanone	7.177	43	19325	23.15	ug/l	98
26) 2,2-Dichloropropane	7.165	77	19349	4.42	ug/l	95
27) cis-1,2-Dichloroethene	7.171	96	18465	4.24	ug/l	91
28) Bromochloromethane	7.519	49	12023	4.52	ug/l	84
29) Tetrahydrofuran	7.531	42	12832	23.68	ug/l	92
30) Chloroform	7.677	83	31097	4.33	ug/l	88
31) Cyclohexane	7.952	56	35085	5.43	ug/l #	80
32) 1,1,1-Trichloroethane	7.872	97	25491	4.36	ug/l	97
36) 1,1-Dichloropropene	8.080	75	23800	3.91	ug/l	97
37) Ethyl Acetate	7.257	43	9995	4.69	ug/l	97
38) Carbon Tetrachloride	8.073	117	21855	3.84	ug/l	92
39) Methylcyclohexane	9.335	83	31014	4.02	ug/l	92
40) Benzene	8.323	78	67727	4.15	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	5457	4.74	ug/l	96
42) 1,2-Dichloroethane	8.403	62	22883	4.47	ug/l	99
43) Isopropyl Acetate	8.427	43	18081	4.23	ug/l	97
44) Trichloroethene	9.092	130	18248	4.15	ug/l	97
45) 1,2-Dichloropropane	9.366	63	16591	4.21	ug/l	96
46) Dibromomethane	9.457	93	9007	4.09	ug/l	94
47) Bromodichloromethane	9.646	83	23427	4.09	ug/l	97
48) Methyl methacrylate	9.433	41	8413	4.15	ug/l	96
49) 1,4-Dioxane	9.451	88	2696	84.43	ug/l #	79
51) 4-Methyl-2-Pentanone	10.207	43	45203	21.65	ug/l	96
52) Toluene	10.390	92	46049	4.28	ug/l	100
53) t-1,3-Dichloropropene	10.603	75	22456	3.85	ug/l	94
54) cis-1,3-Dichloropropene	10.079	75	26471	3.98	ug/l	95
55) 1,1,2-Trichloroethane	10.786	97	12321	4.14	ug/l	96
56) Ethyl methacrylate	10.646	69	15980	4.13	ug/l	95
57) 1,3-Dichloropropane	10.933	76	22019	4.15	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	40606	20.66	ug/l	96
59) 2-Hexanone	10.969	43	30370	21.13	ug/l	96
60) Dibromochloromethane	11.128	129	14481	3.95	ug/l	100
61) 1,2-Dibromoethane	11.231	107	12735	4.35	ug/l	97
64) Tetrachloroethene	10.860	164	14711	4.17	ug/l	92
65) Chlorobenzene	11.658	112	47392	4.24	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.725	131	15745	3.99	ug/l	98
67) Ethyl Benzene	11.731	91	87332	4.13	ug/l	99
68) m/p-Xylenes	11.841	106	63579	7.92	ug/l	97
69) o-Xylene	12.164	106	28996	3.86	ug/l	97
70) Styrene	12.182	104	49653	3.96	ug/l	98
71) Bromoform	12.353	173	7243	3.60	ug/l #	95
73) Isopropylbenzene	12.463	105	83696	4.17	ug/l	100
74) N-amyl acetate	12.274	43	17164	4.35	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.713	83	15517	4.74	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	12110m	4.95	ug/l	
77) Bromobenzene	12.743	156	17699	4.12	ug/l	94
78) n-propylbenzene	12.804	91	101678	4.25	ug/l	98
79) 2-Chlorotoluene	12.890	91	57789	4.22	ug/l	95
80) 1,3,5-Trimethylbenzene	12.945	105	72616	4.20	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	4082m	3.65	ug/l	
82) 4-Chlorotoluene	12.987	91	62172	4.31	ug/l	99
83) tert-Butylbenzene	13.207	119	58267	3.97	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	72513	4.19	ug/l	99
85) sec-Butylbenzene	13.383	105	86589	4.19	ug/l	99
86) p-Isopropyltoluene	13.493	119	75370	4.06	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	36233	4.18	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	36337	4.21	ug/l	88
89) n-Butylbenzene	13.822	91	75386	4.09	ug/l	97
90) Hexachloroethane	14.091	117	13223	3.88	ug/l	97
91) 1,2-Dichlorobenzene	13.871	146	32089	4.20	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2705	4.46	ug/l	96
93) 1,2,4-Trichlorobenzene	15.127	180	23220	4.30	ug/l	96
94) Hexachlorobutadiene	15.231	225	12780	4.18	ug/l	87
95) Naphthalene	15.365	128	44027	4.42	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	20259	4.51	ug/l	93

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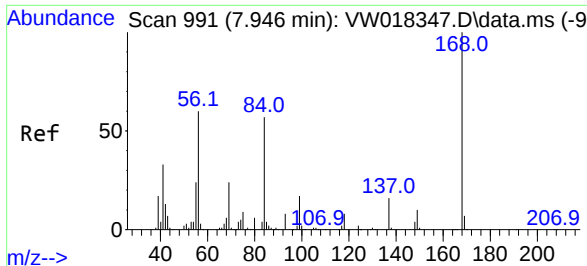
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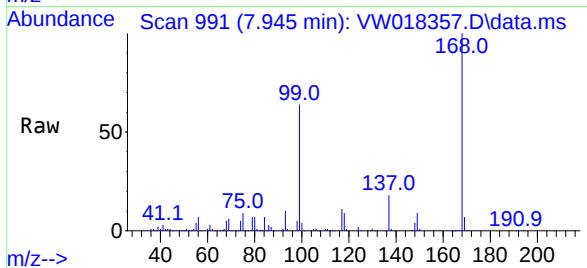
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.001 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

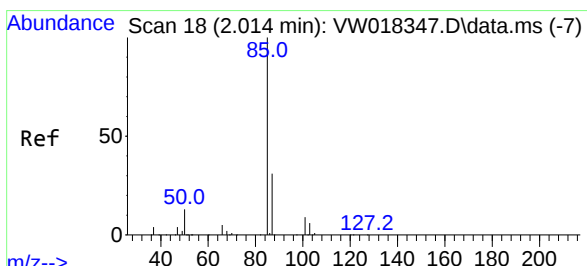
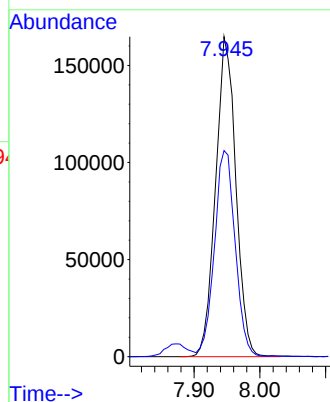
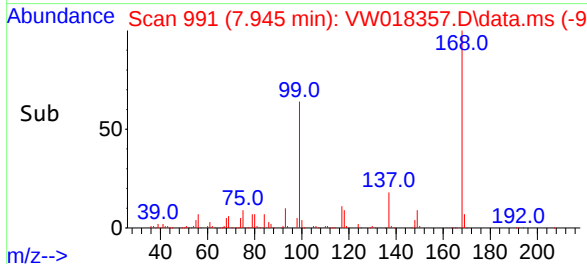
Instrument :
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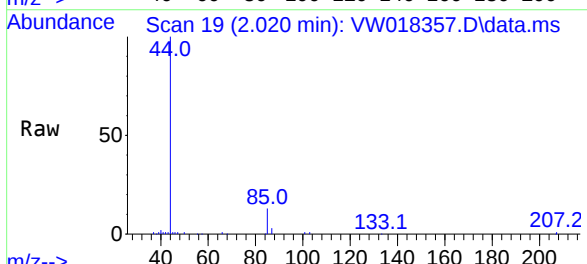
Tgt Ion:168 Resp: 353016
Ion Ratio Lower Upper
168 100
99 64.2 60.8 91.2

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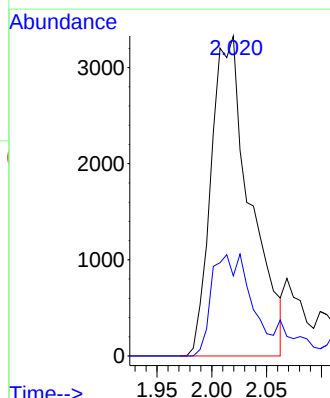
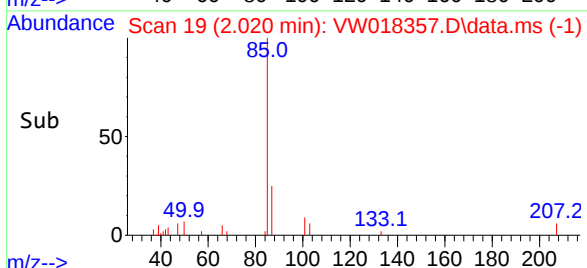
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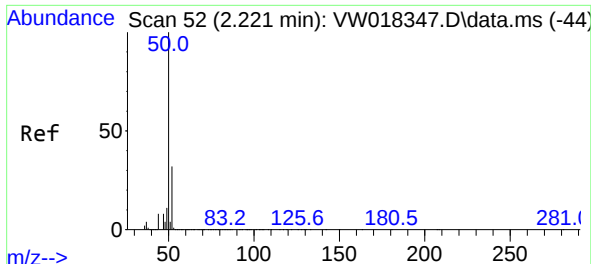


#2
Dichlorodifluoromethane
Concen: 3.28 ug/l
RT: 2.020 min Scan# 19
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



Tgt Ion: 85 Resp: 8231
Ion Ratio Lower Upper
85 100
87 25.0 15.3 45.9





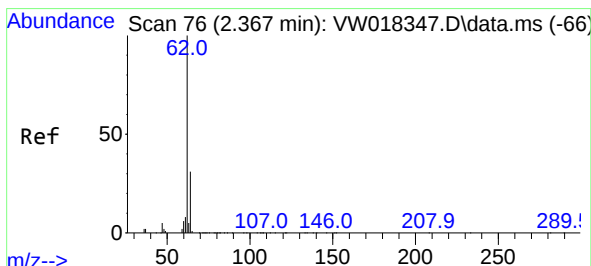
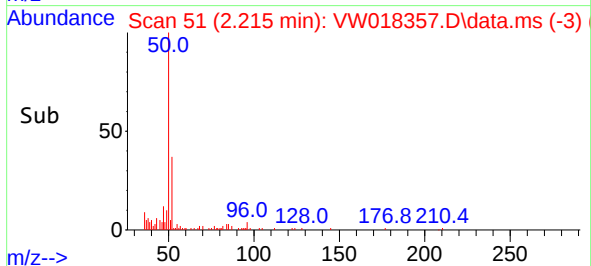
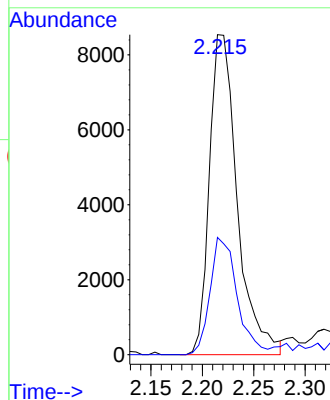
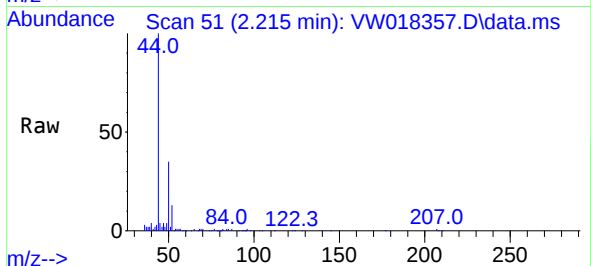
#3
Chloromethane
Concen: 4.14 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion: 50 Resp: 16099
Ion Ratio Lower Upper
50 100
52 36.7 25.8 38.6

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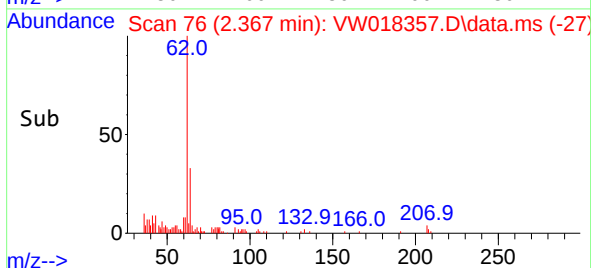
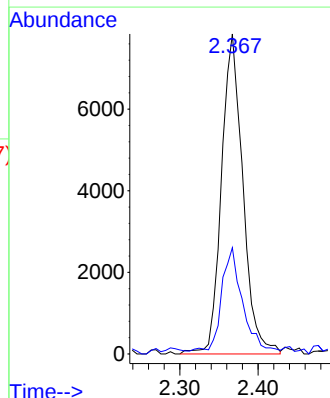
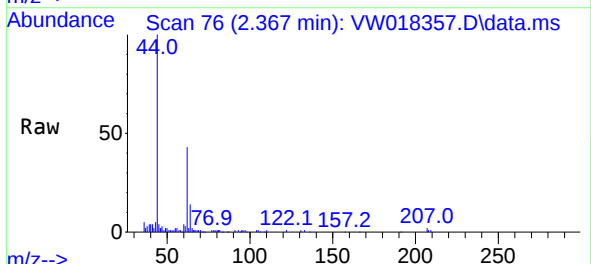
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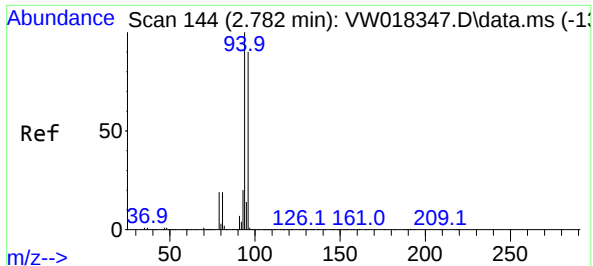
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#4
Vinyl Chloride
Concen: 3.98 ug/l
RT: 2.367 min Scan# 76
Delta R.T. 0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion: 62 Resp: 14926
Ion Ratio Lower Upper
62 100
64 32.1 26.7 40.1





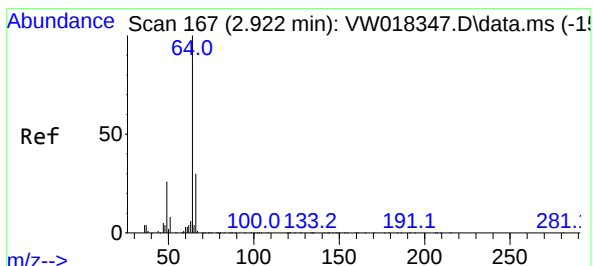
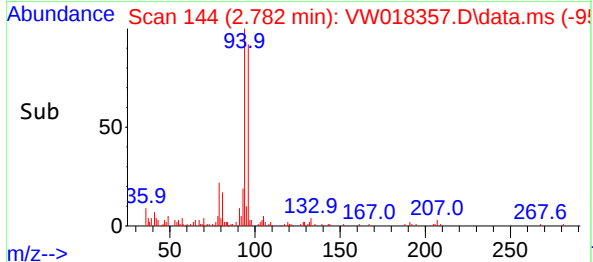
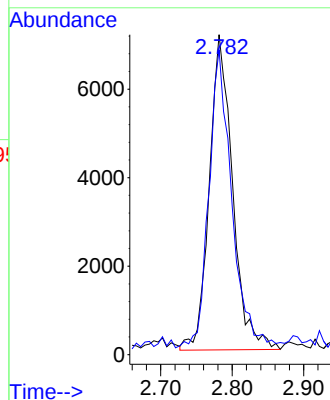
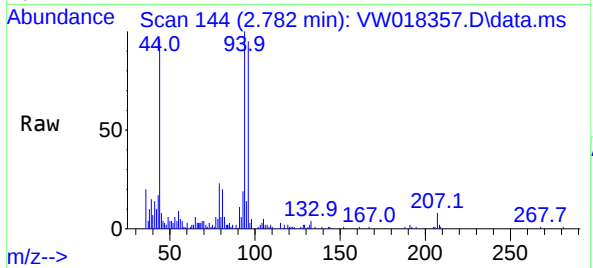
#5
Bromomethane
Concen: 5.26 ug/l
RT: 2.782 min Scan# 144
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion: 94 Resp: 16109
Ion Ratio Lower Upper
94 100
96 93.0 72.3 108.5

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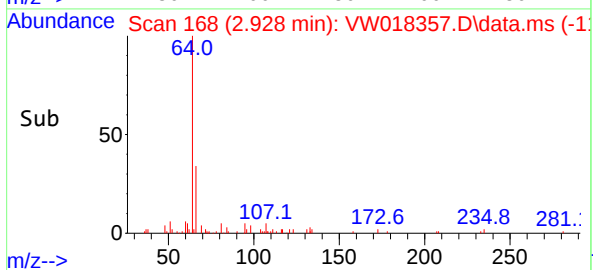
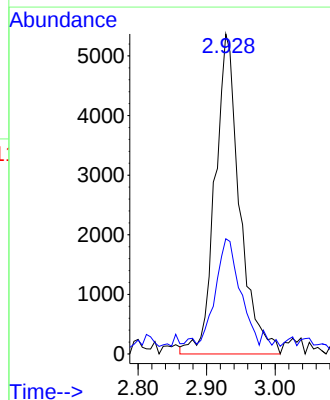
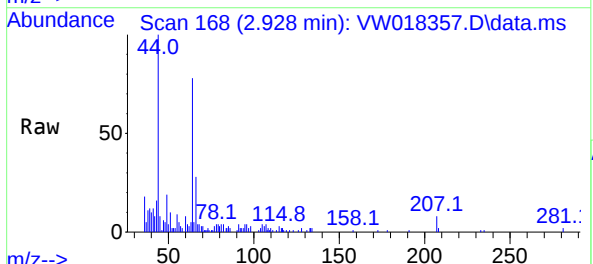
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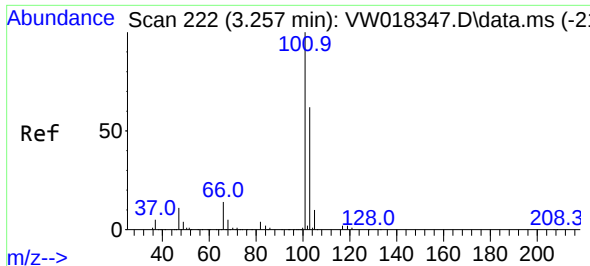
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#6
Chloroethane
Concen: 4.55 ug/l
RT: 2.928 min Scan# 168
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion: 64 Resp: 13378
Ion Ratio Lower Upper
64 100
66 33.6 24.5 36.7





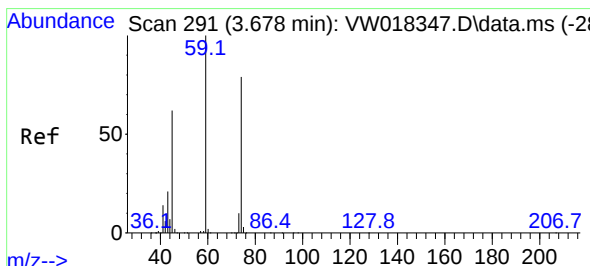
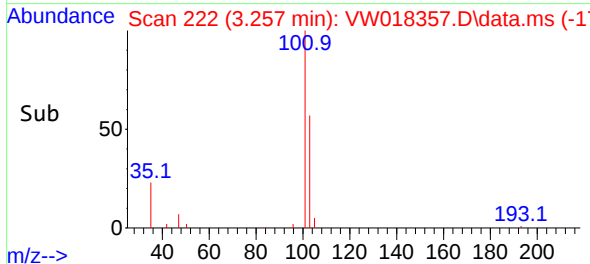
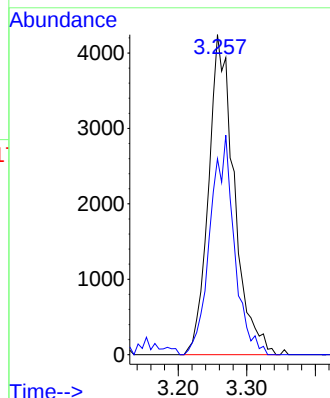
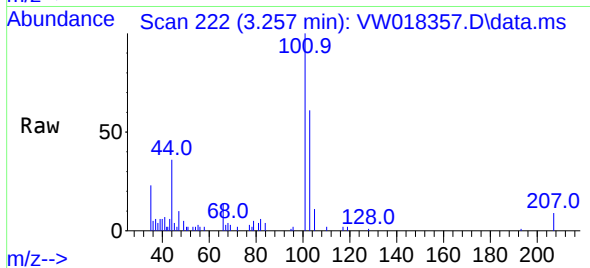
#7
Trichlorofluoromethane
Concen: 3.78 ug/l
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion:101 Resp: 11022
Ion Ratio Lower Upper
101 100
103 61.2 47.6 71.4

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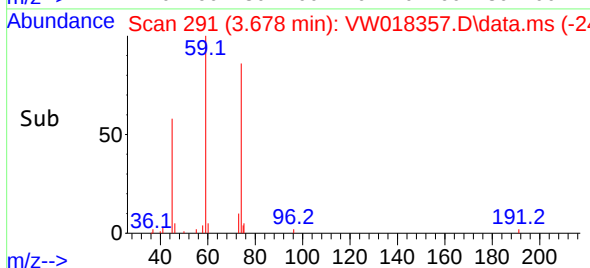
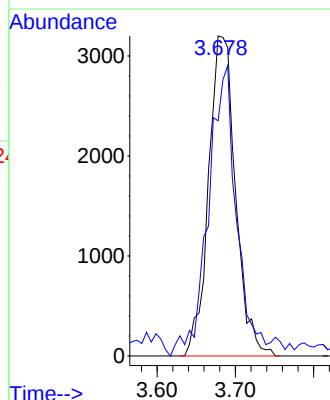
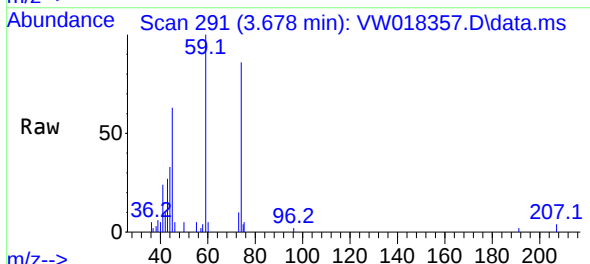
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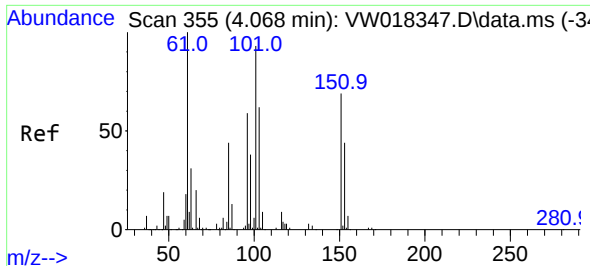
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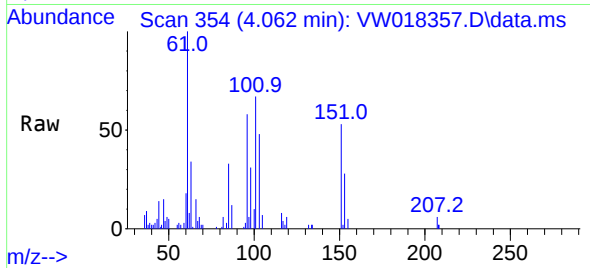
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Diethyl Ether
Concen: 4.35 ug/l
RT: 3.678 min Scan# 291
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion: 74 Resp: 7665
Ion Ratio Lower Upper
74 100
45 94.9 38.4 115.1

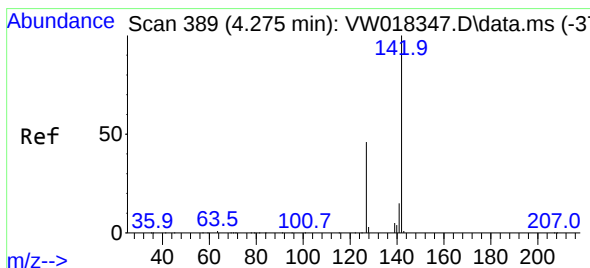
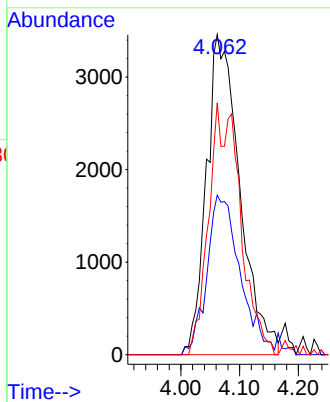
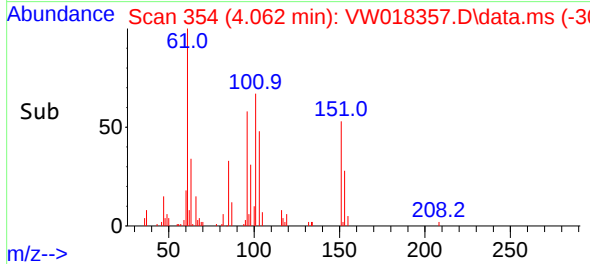




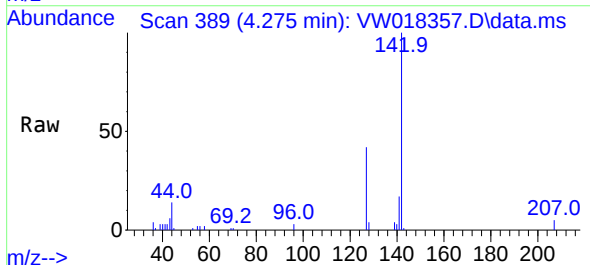
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1,1,2-Trichlorotrifluoroethane
Concen: 4.14 ug/l
RT: 4.062 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



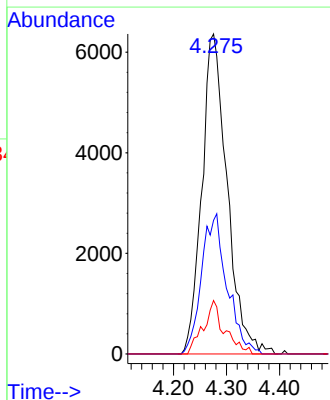
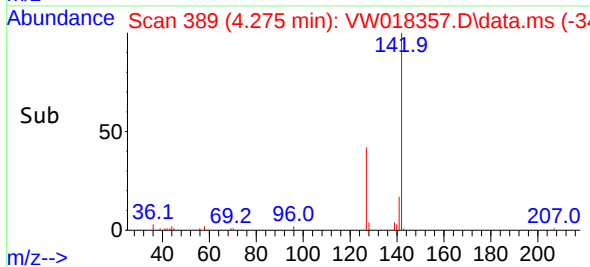
Tgt Ion:101 Resp: 13656
Ion Ratio Lower Upper
101 100
85 49.6 36.2 54.4
151 37.9 61.0 91.6#



#10
Methyl Iodide
Concen: 4.34 ug/l
RT: 4.275 min Scan# 389
Delta R.T. 0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



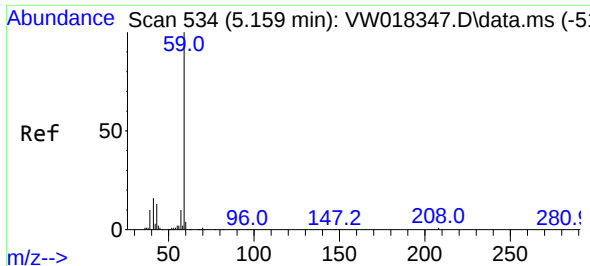
Tgt Ion:142 Resp: 21034
Ion Ratio Lower Upper
142 100
127 44.4 39.8 59.6
141 14.0 11.8 17.6



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

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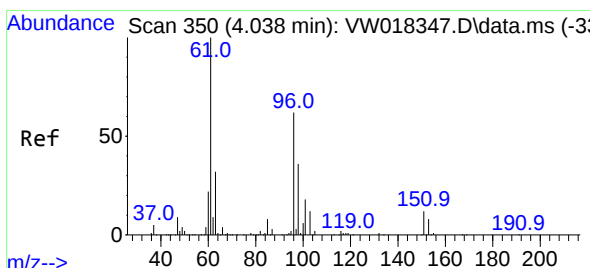
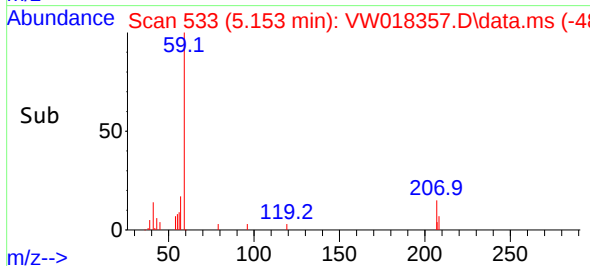
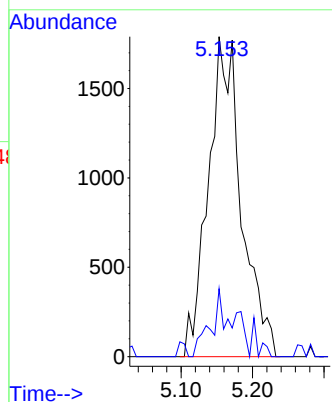
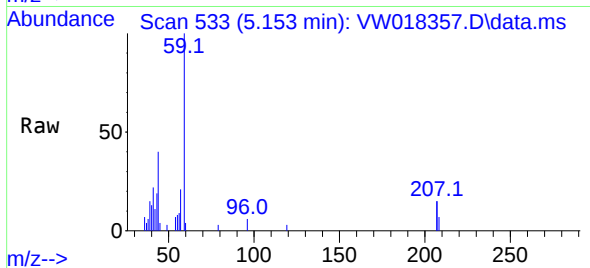
#11
Tert butyl alcohol
Concen: 25.04 ug/l
RT: 5.153 min Scan# 533
Delta R.T. -0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion: 59 Resp: 5744
Ion Ratio Lower Upper
59 100
57 10.0 8.4 12.6

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

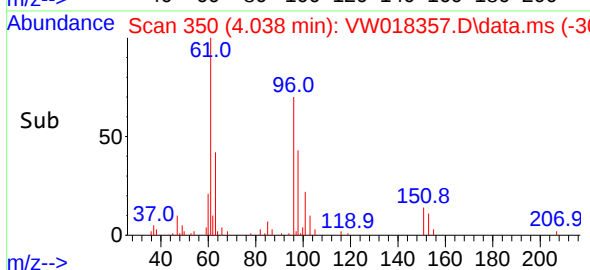
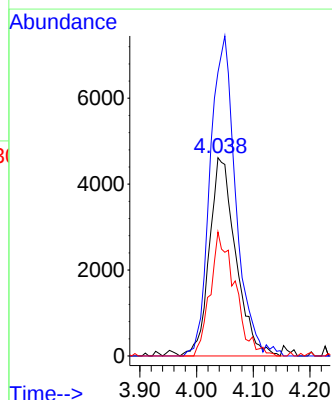
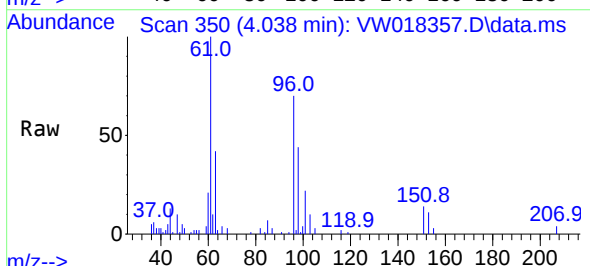
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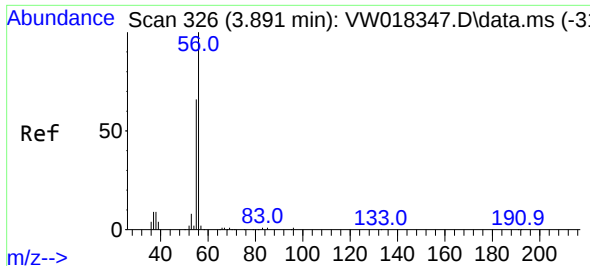
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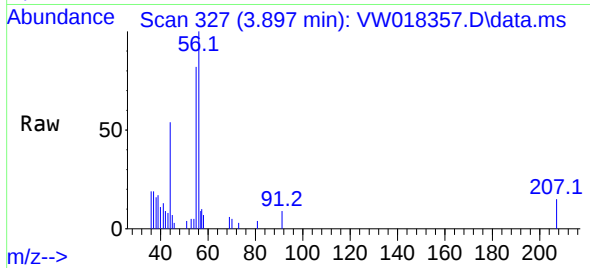
#12
1,1-Dichloroethene
Concen: 4.40 ug/l
RT: 4.038 min Scan# 350
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion: 96 Resp: 14941
Ion Ratio Lower Upper
96 100
61 143.0 125.4 188.0
98 62.5 50.6 76.0

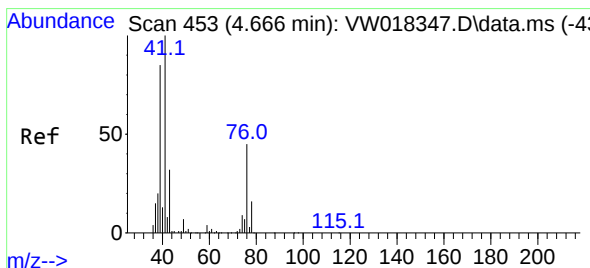
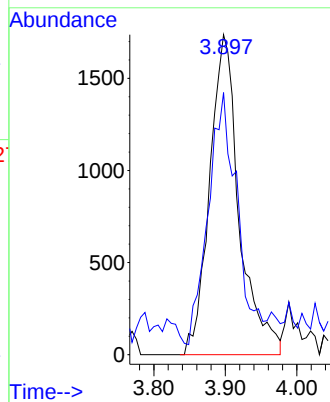
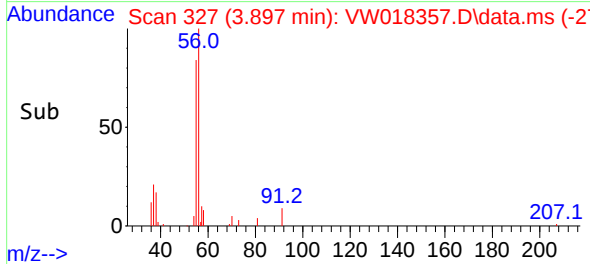




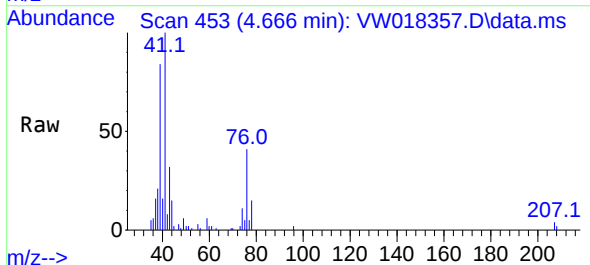
#13
Acrolein
Concen: 28.49 ug/l
RT: 3.897 min Scan# 327
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



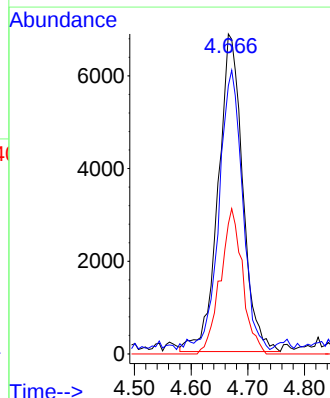
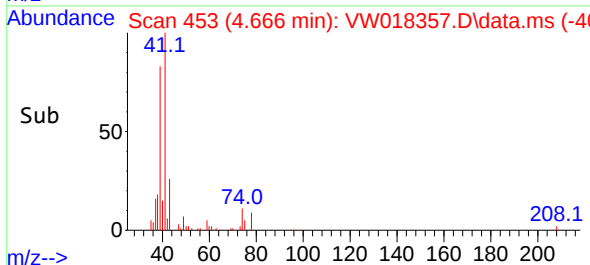
Tgt Ion: 56 Resp: 4992
Ion Ratio Lower Upper
56 100
55 77.6 56.8 85.2



#14
Allyl chloride
Concen: 4.46 ug/l
RT: 4.666 min Scan# 453
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



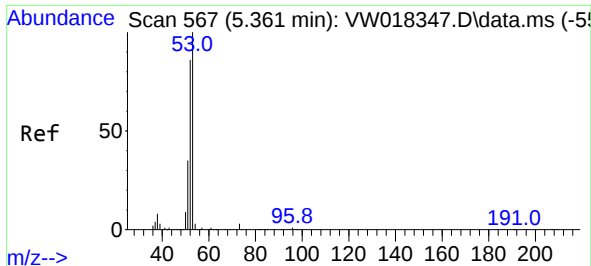
Tgt Ion: 41 Resp: 20632
Ion Ratio Lower Upper
41 100
39 83.0 64.6 96.8
76 41.4 37.9 56.9



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

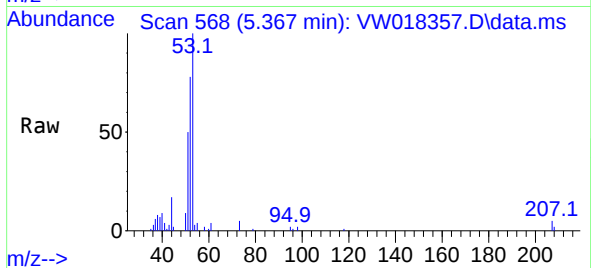
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#15
Acrylonitrile
Concen: 23.24 ug/l
RT: 5.367 min Scan# 568
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

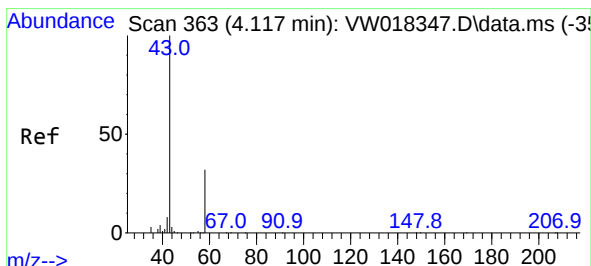
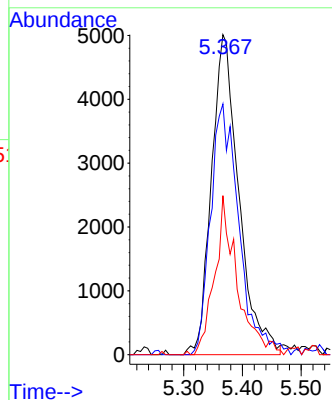
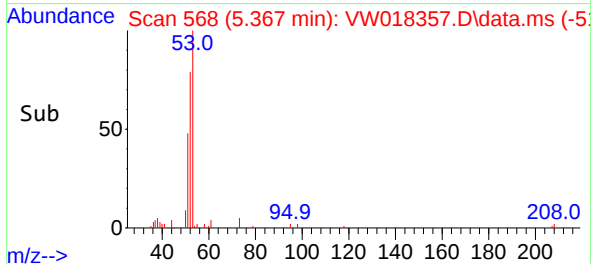
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



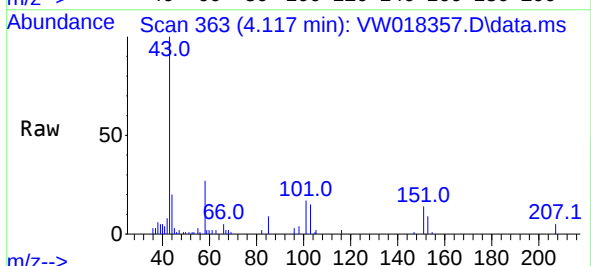
Tgt Ion: 53 Resp: 16206
Ion Ratio Lower Upper
53 100
52 81.5 66.6 99.8
51 40.0 30.5 45.7

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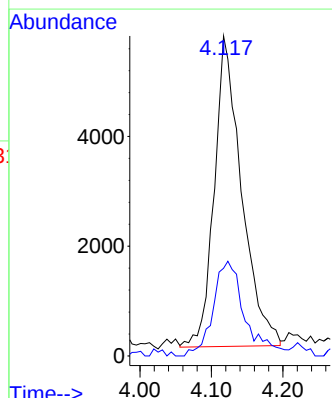
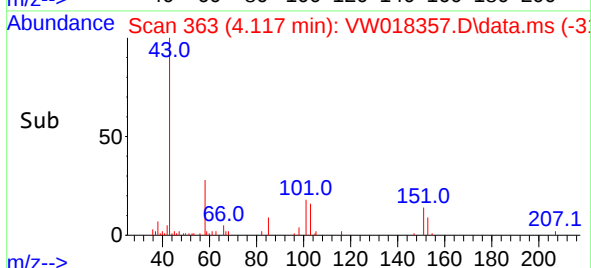
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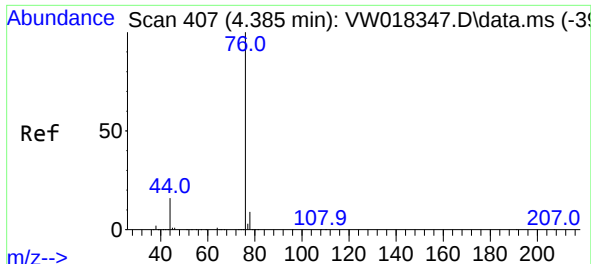


#16
Acetone
Concen: 26.67 ug/l
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



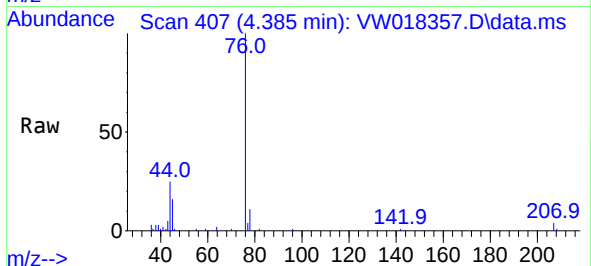
Tgt Ion: 43 Resp: 15030
Ion Ratio Lower Upper
43 100
58 28.3 26.9 40.3





#17
Carbon Disulfide
Concen: 3.85 ug/l
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

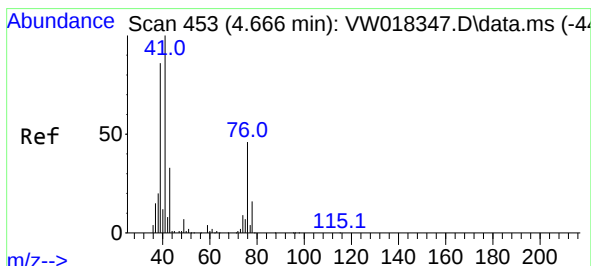
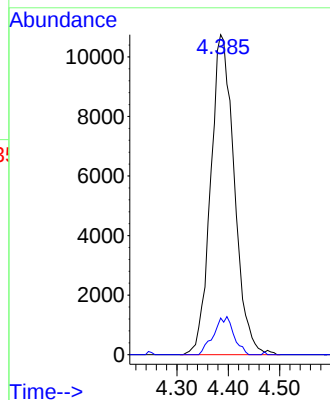
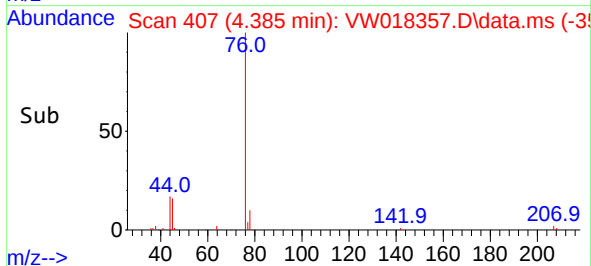
Instrument :
MSVOA_W
ClientSampleId :
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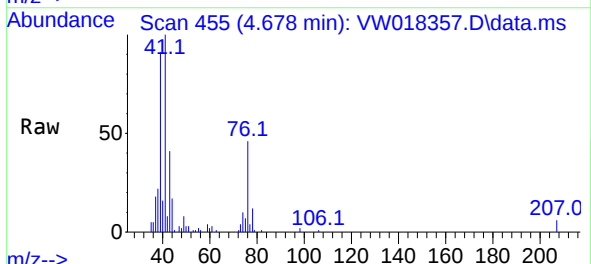
Tgt Ion: 76 Resp: 34271
Ion Ratio Lower Upper
76 100
78 11.5 7.8 11.6

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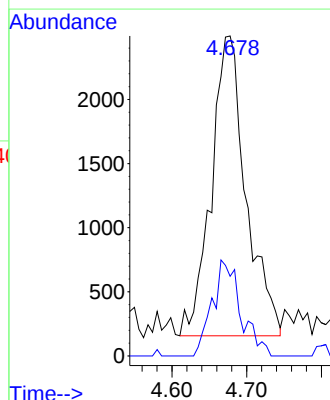
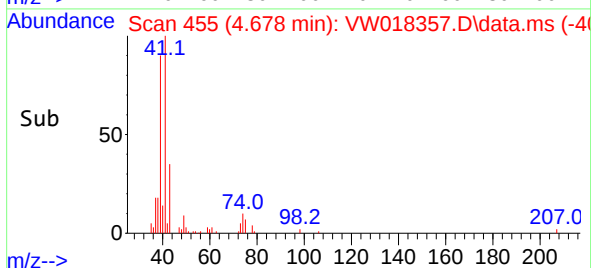
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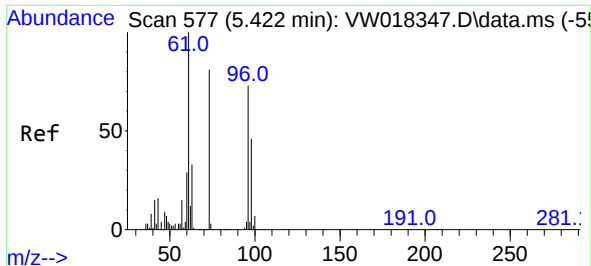


#18
Methyl Acetate
Concen: 5.10 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.012 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

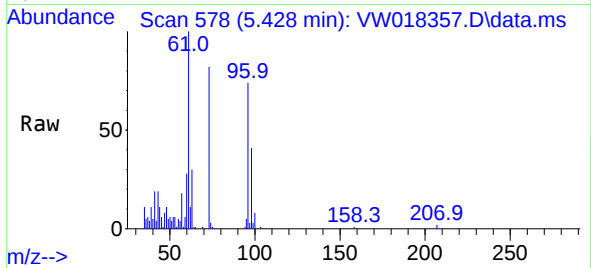


Tgt Ion: 43 Resp: 7549
Ion Ratio Lower Upper
43 100
74 26.4 23.9 35.9

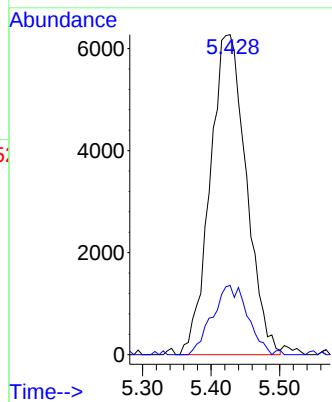
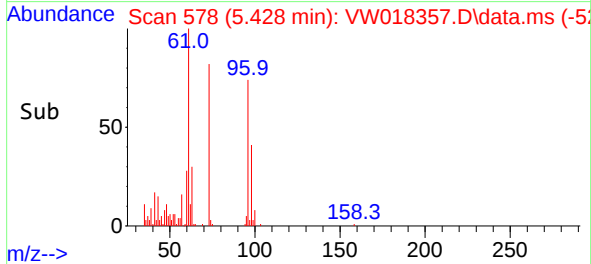




#19
Methyl tert-butyl Ether
Concen: 4.51 ug/l
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



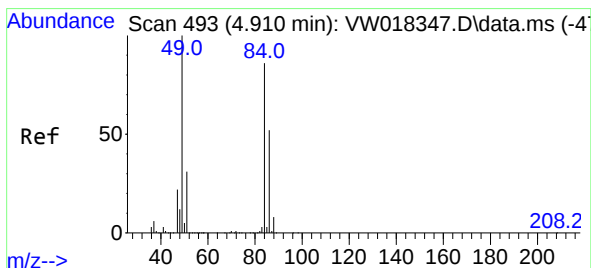
Tgt Ion: 73 Resp: 22973
Ion Ratio Lower Upper
73 100
57 21.6 15.6 23.4



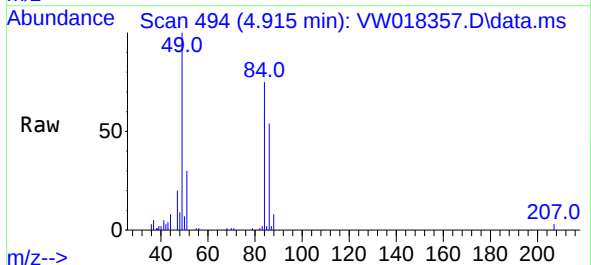
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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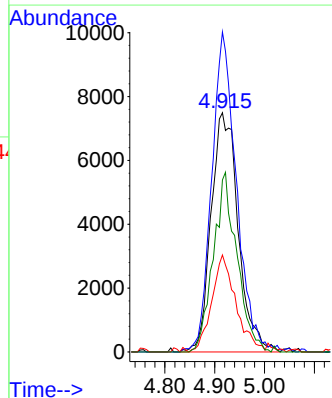
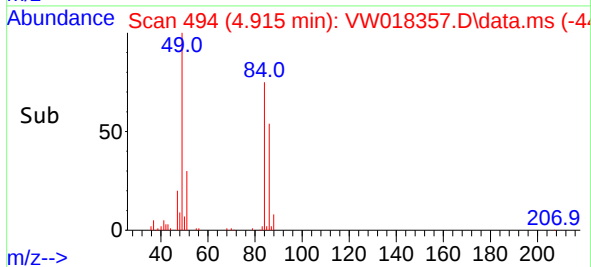
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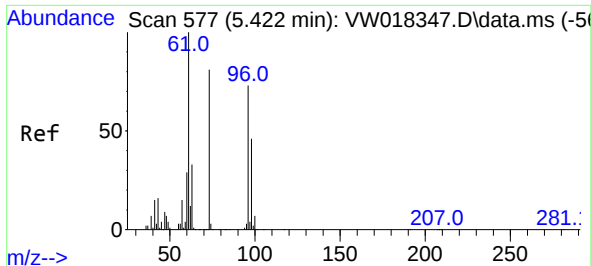


#20
Methylene Chloride
Concen: 6.60 ug/l
RT: 4.915 min Scan# 494
Delta R.T. 0.005 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

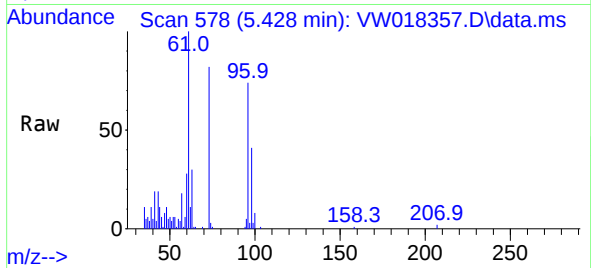


Tgt Ion: 84 Resp: 28268
Ion Ratio Lower Upper
84 100
49 133.7 85.1 127.7#
51 40.5 27.4 41.0
86 71.9 50.5 75.7



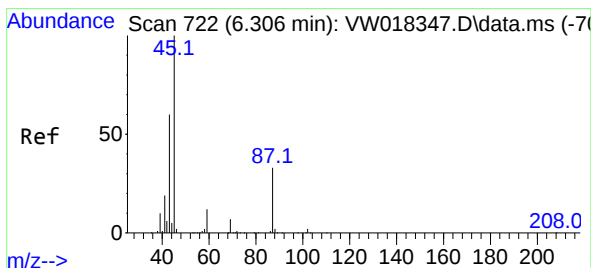
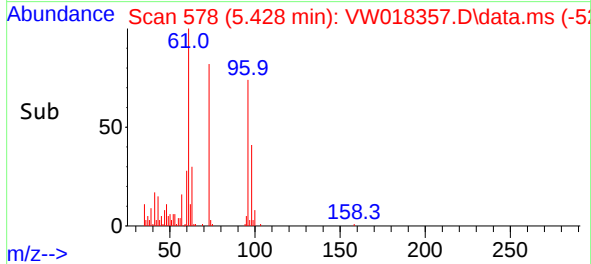
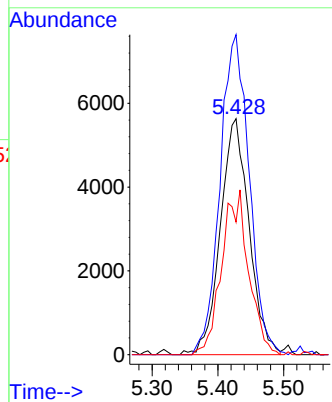


#21
trans-1,2-Dichloroethene
Concen: 4.29 ug/l
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

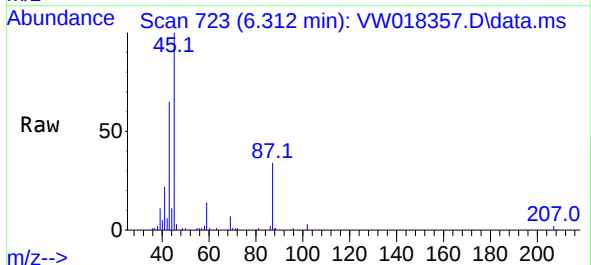


Tgt Ion: 96 Resp: 17116

Ion	Ratio	Lower	Upper
96	100		
61	135.6	99.2	148.8
98	56.2	48.2	72.4

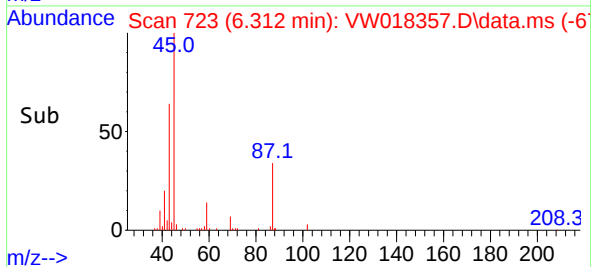
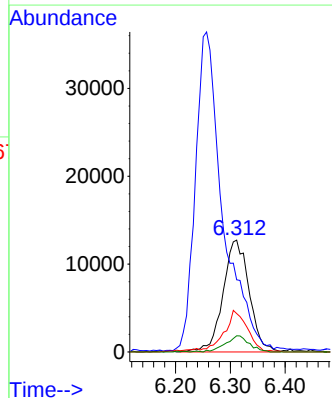


#22
Diisopropyl ether
Concen: 4.43 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



Tgt Ion: 45 Resp: 42061

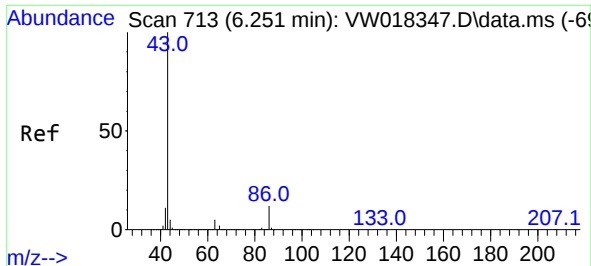
Ion	Ratio	Lower	Upper
45	100		
43	61.1	47.8	71.8
87	33.6	27.8	41.8
59	14.4	10.3	15.5



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

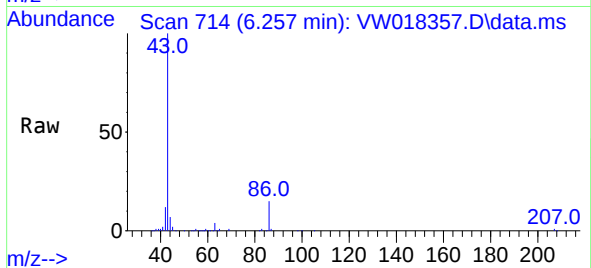
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#23
 Vinyl Acetate
 Concen: 21.47 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. 0.006 min
 Lab File: VW018357.D
 Acq: 17 Mar 2021 20:54

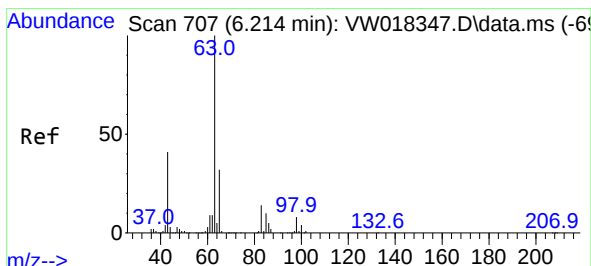
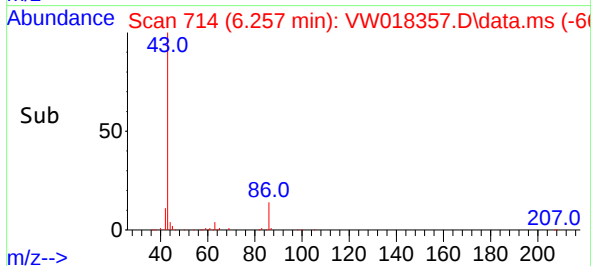
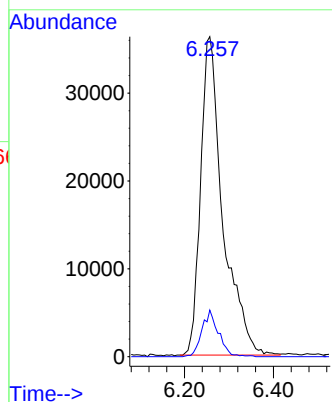
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 43 Resp: 126182
 Ion Ratio Lower Upper
 43 100
 86 14.6 11.0 16.6

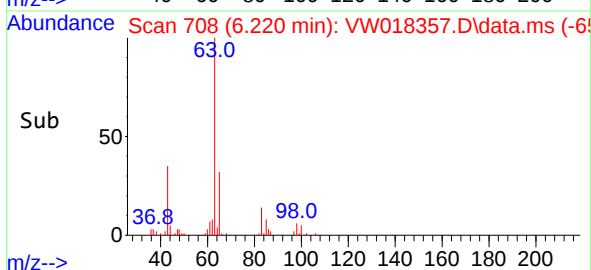
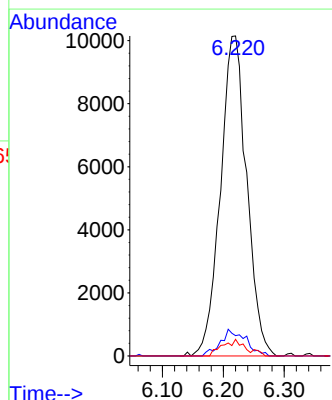
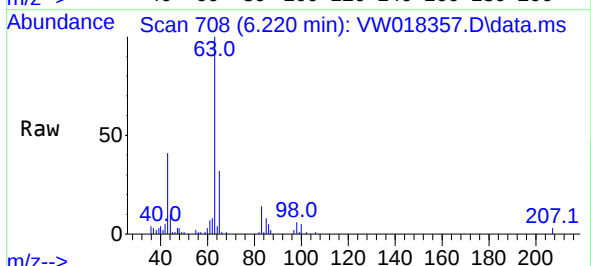
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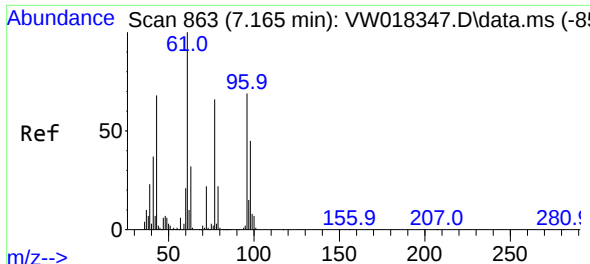
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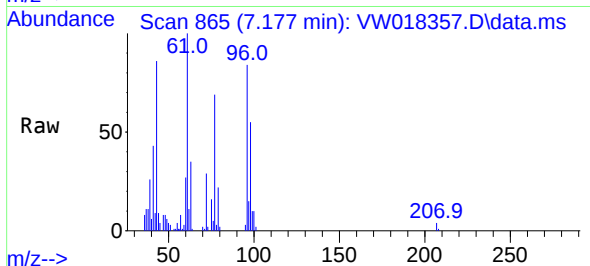
#24
 1,1-Dichloroethane
 Concen: 4.47 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. 0.006 min
 Lab File: VW018357.D
 Acq: 17 Mar 2021 20:54

Tgt Ion: 63 Resp: 30419
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.6
 100 5.2 2.2 6.6

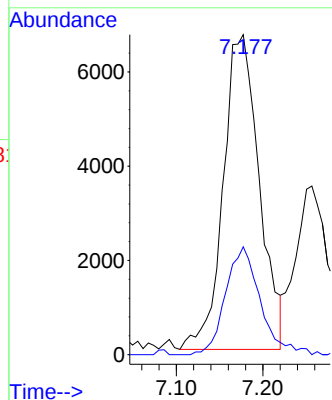
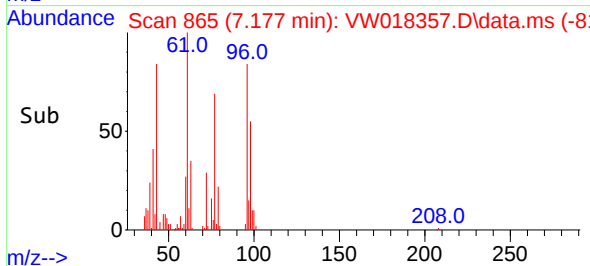




#25
2-Butanone
Concen: 23.15 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



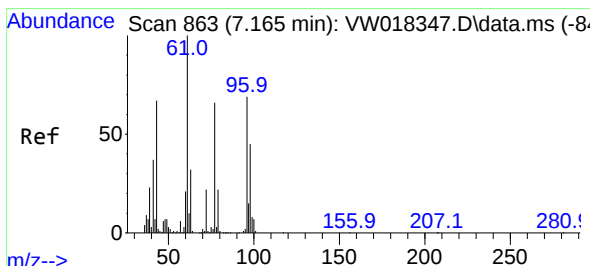
Tgt Ion: 43 Resp: 19325
Ion Ratio Lower Upper
43 100
72 34.3 26.6 39.8



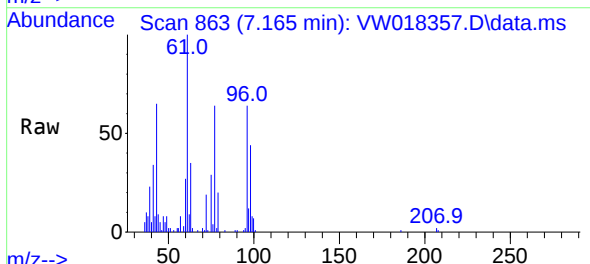
Instrument :
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ClientSampleId :
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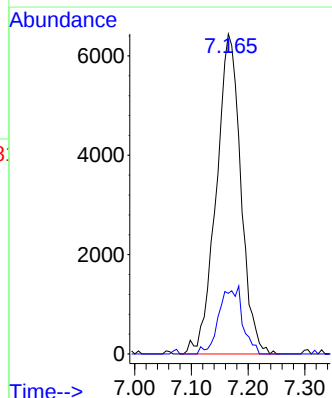
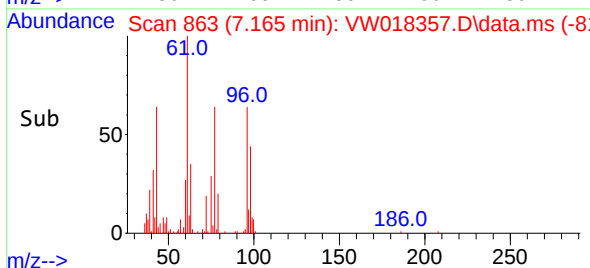
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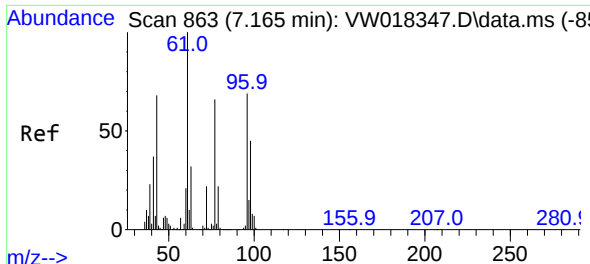


#26
2,2-Dichloropropane
Concen: 4.42 ug/l
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



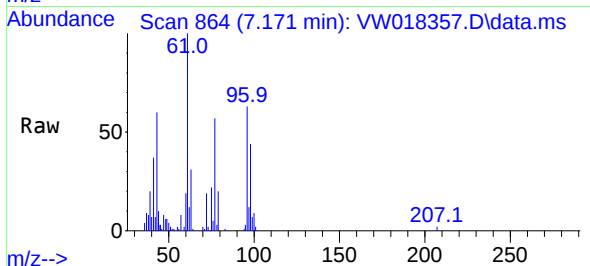
Tgt Ion: 77 Resp: 19349
Ion Ratio Lower Upper
77 100
97 20.1 11.3 33.8





#27
cis-1,2-Dichloroethene
Concen: 4.24 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

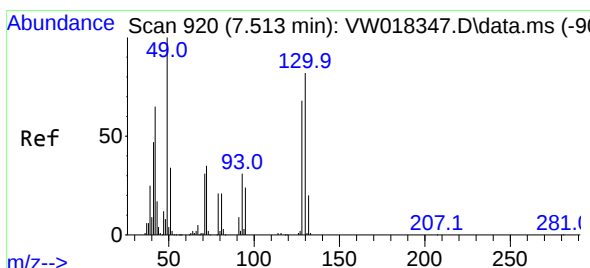
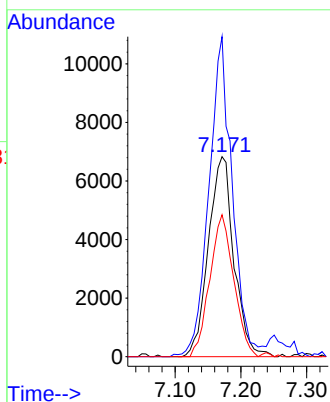
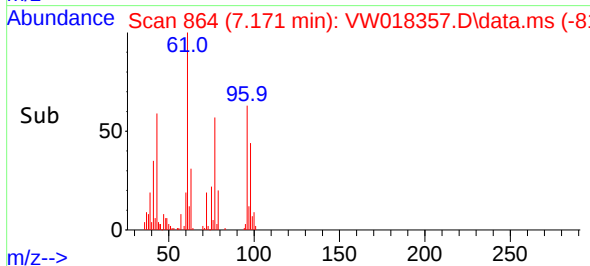
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



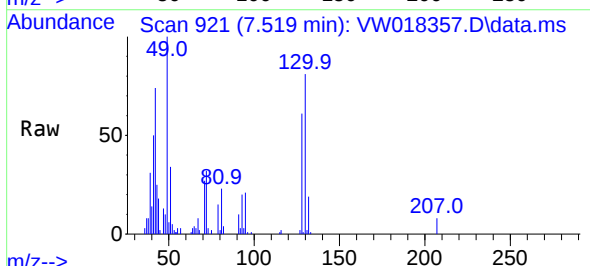
Tgt Ion: 96 Resp: 18465
Ion Ratio Lower Upper
96 100
61 145.4 0.0 261.4
98 66.7 0.0 129.8

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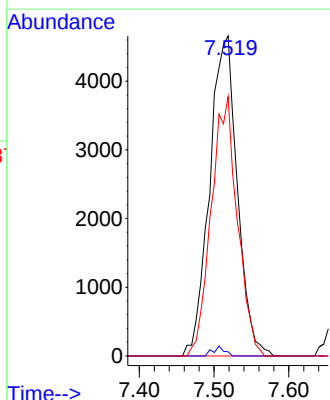
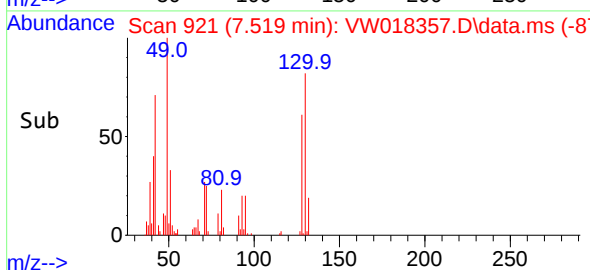
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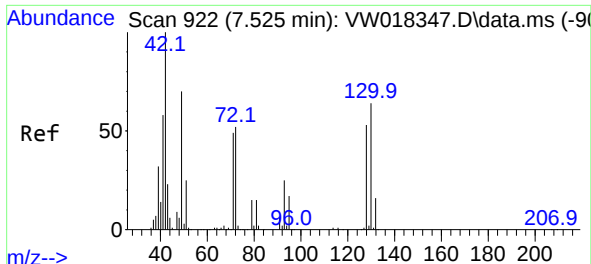


#28
Bromochloromethane
Concen: 4.52 ug/l
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

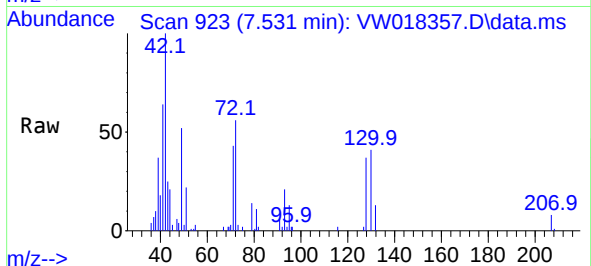


Tgt Ion: 49 Resp: 12023
Ion Ratio Lower Upper
49 100
129 1.3 0.0 5.0
130 76.4 73.9 110.9

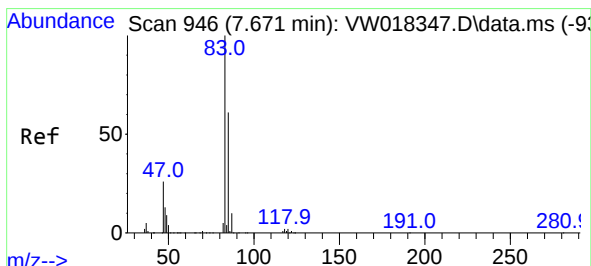
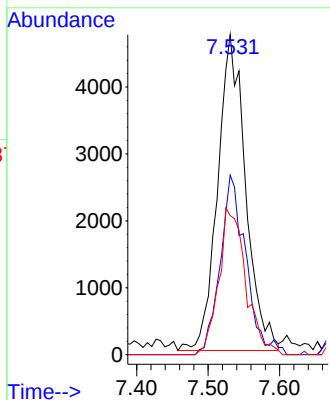
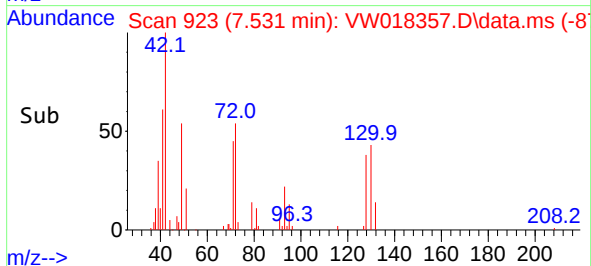




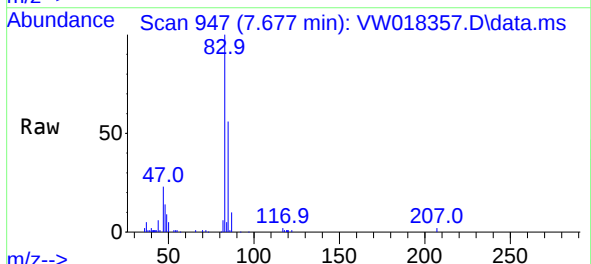
#29
Tetrahydrofuran
Concen: 23.68 ug/l
RT: 7.531 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



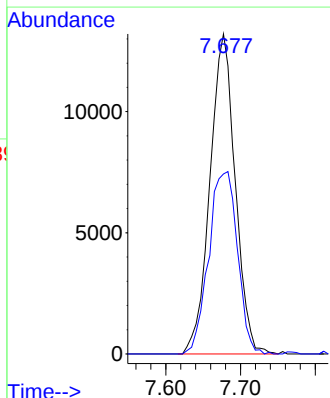
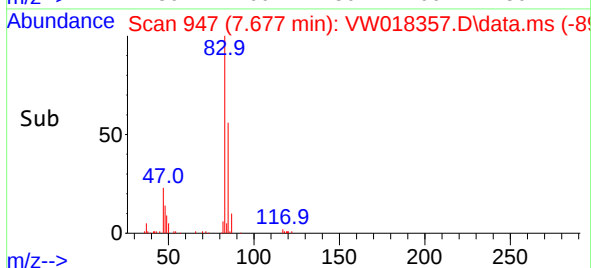
Tgt Ion: 42 Resp: 12832
Ion Ratio Lower Upper
42 100
72 50.9 44.5 66.7
71 44.8 41.7 62.5



#30
Chloroform
Concen: 4.33 ug/l
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



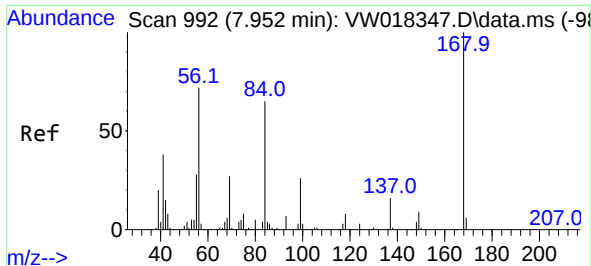
Tgt Ion: 83 Resp: 31097
Ion Ratio Lower Upper
83 100
85 56.2 52.6 78.8



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

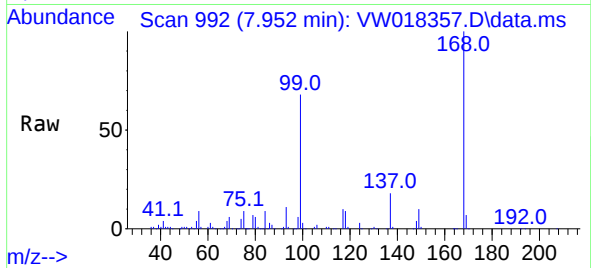
Manual Integrations
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#31
Cyclohexane
Concen: 5.43 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

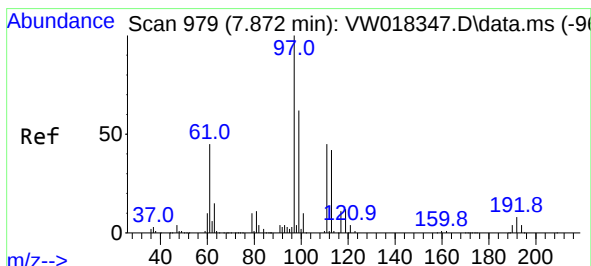
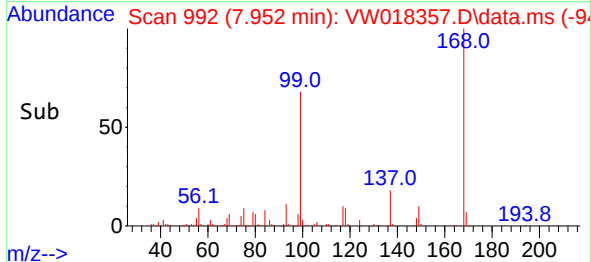
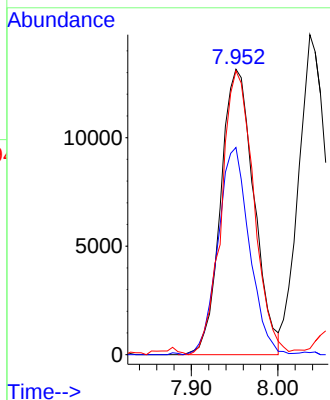
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



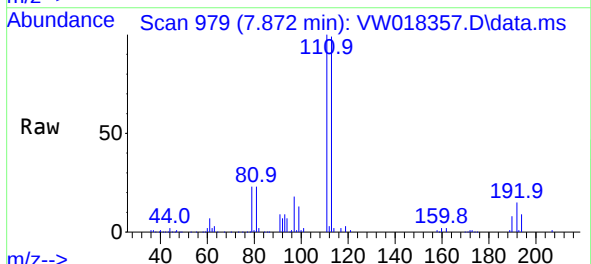
Tgt Ion: 56 Resp: 35085
Ion Ratio Lower Upper
56 100
69 72.2 29.9 44.9#
84 98.4 83.8 125.6

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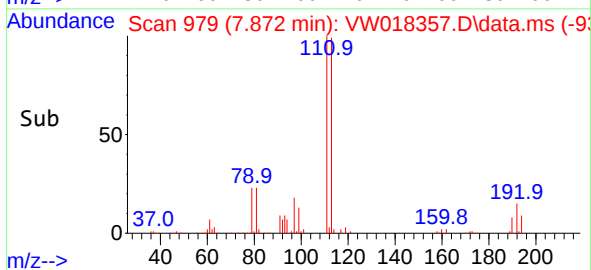
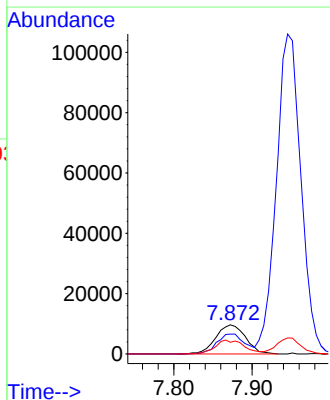
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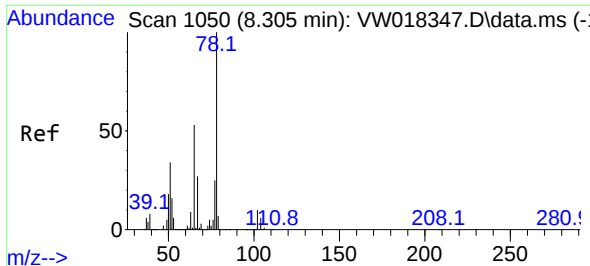


#32
1,1,1-Trichloroethane
Concen: 4.36 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



Tgt Ion: 97 Resp: 25491
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.6
61 47.4 34.6 52.0





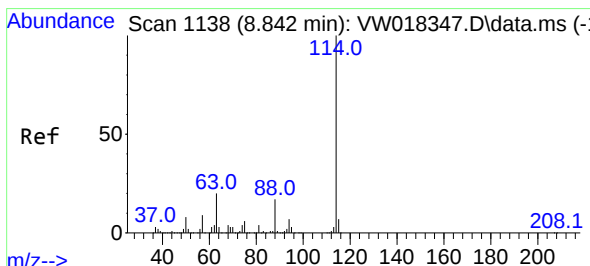
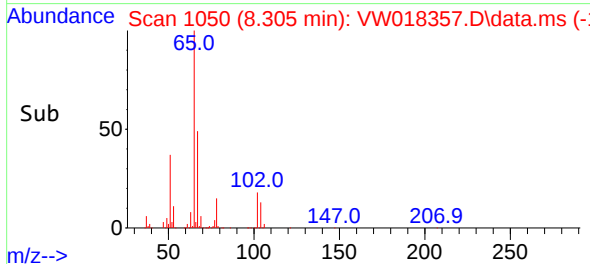
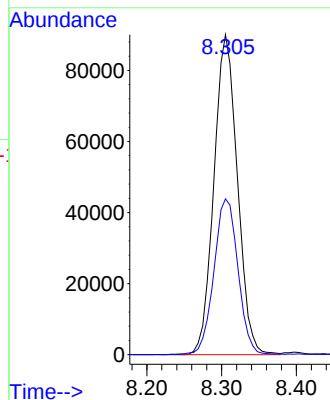
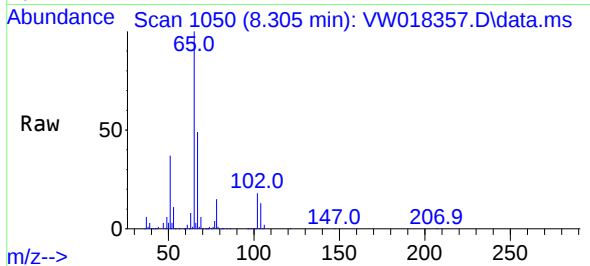
#33
1,2-Dichloroethane-d4
Concen: 52.20 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion: 65 Resp: 196781
Ion Ratio Lower Upper
65 100
67 50.0 0.0 96.6

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

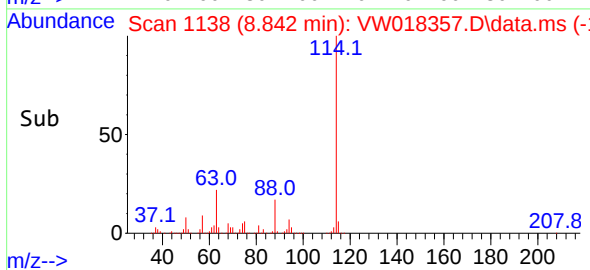
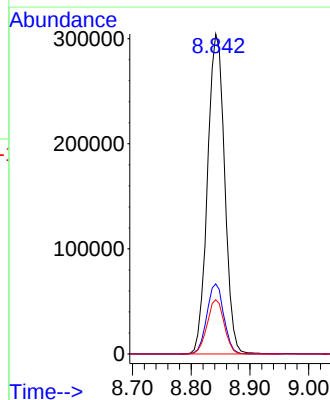
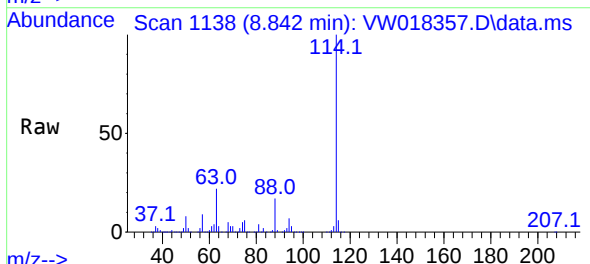
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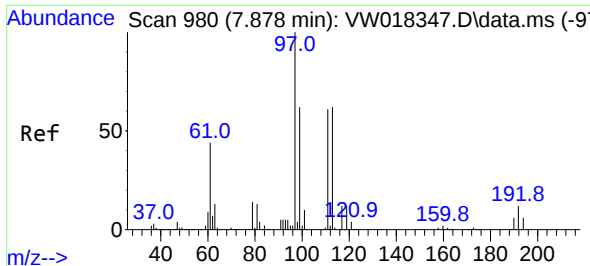
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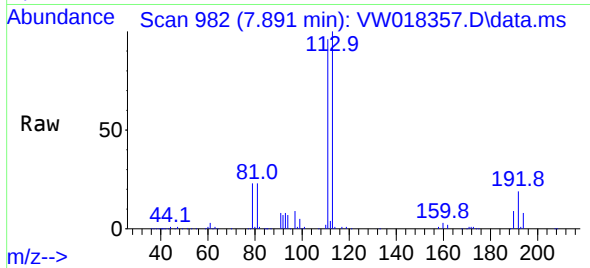
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion: 114 Resp: 616565
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.4
88 16.9 0.0 32.0

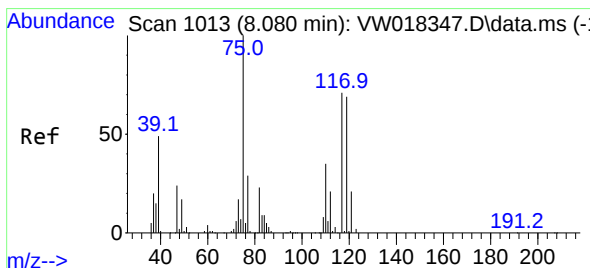
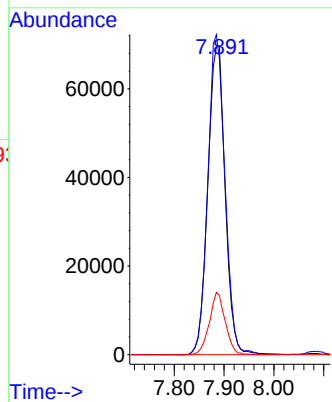
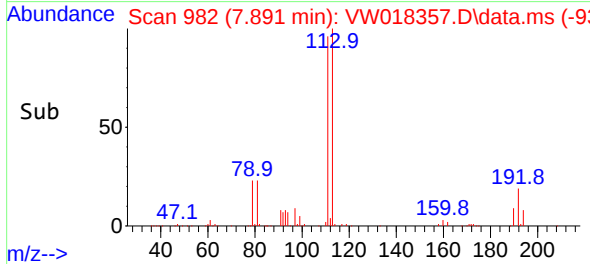




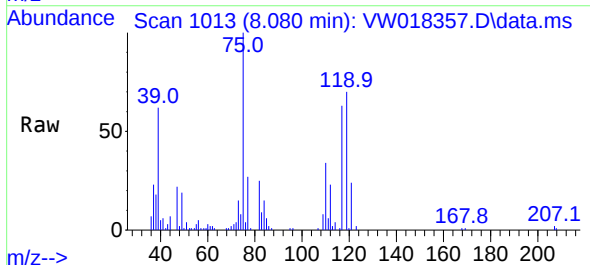
#35
Dibromofluoromethane
Concen: 46.81 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.013 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



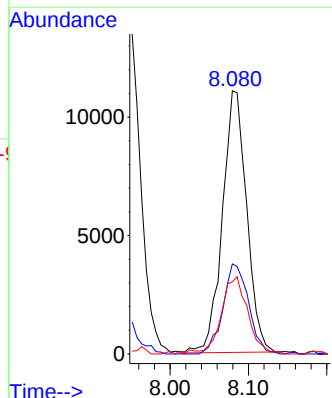
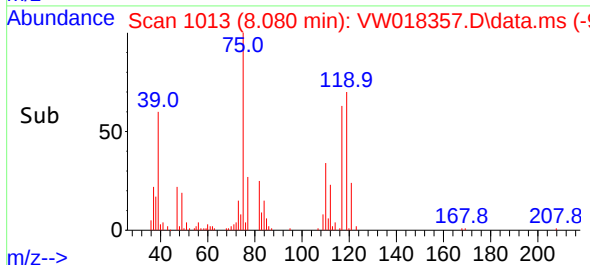
Tgt Ion: 113 Resp: 168194
Ion Ratio Lower Upper
113 100
111 102.7 83.6 125.4
192 18.4 13.8 20.8



#36
1,1-Dichloropropene
Concen: 3.91 ug/l
RT: 8.080 min Scan# 1013
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



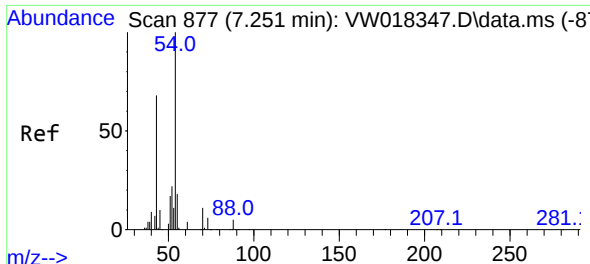
Tgt Ion: 75 Resp: 23800
Ion Ratio Lower Upper
75 100
110 36.2 17.2 51.6
77 32.5 24.6 37.0



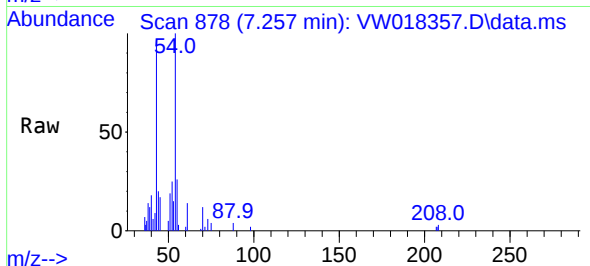
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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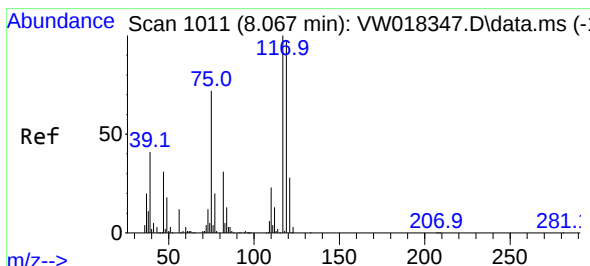
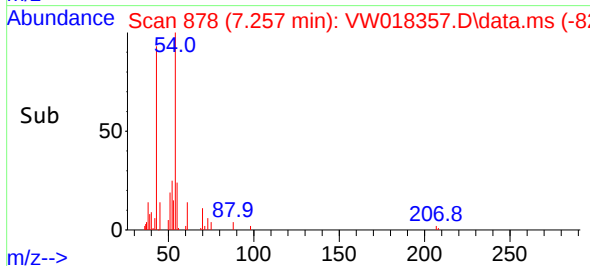
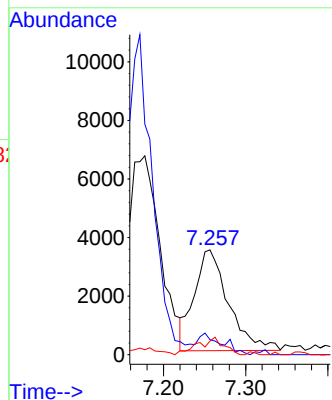


#37
Ethyl Acetate
Concen: 4.69 ug/l
RT: 7.257 min Scan# 878
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

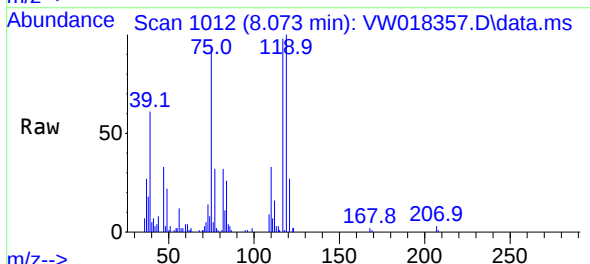


Tgt Ion: 43 Resp: 9995

Ion	Ratio	Lower	Upper
43	100		
61	14.0	12.6	19.0
70	12.7	9.8	14.6

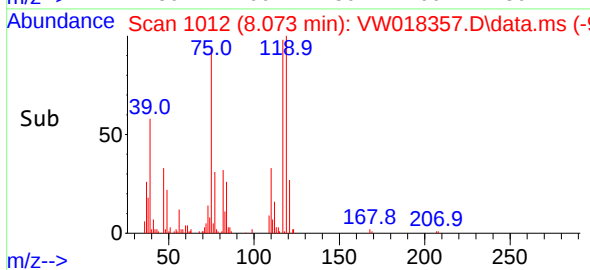
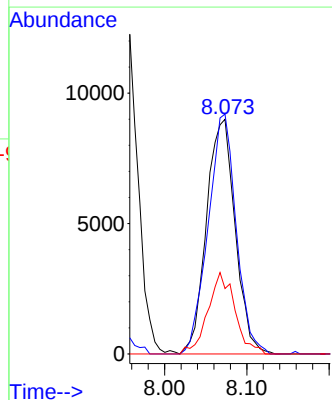


#38
Carbon Tetrachloride
Concen: 3.84 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



Tgt Ion: 117 Resp: 21855

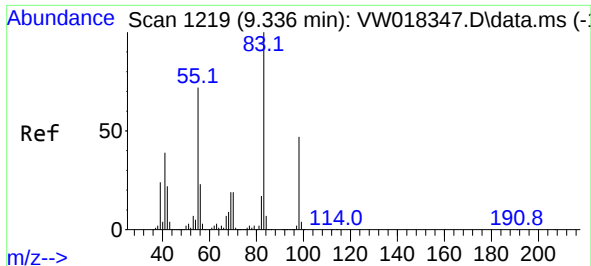
Ion	Ratio	Lower	Upper
117	100		
119	102.2	74.5	111.7
121	27.9	20.3	30.5



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

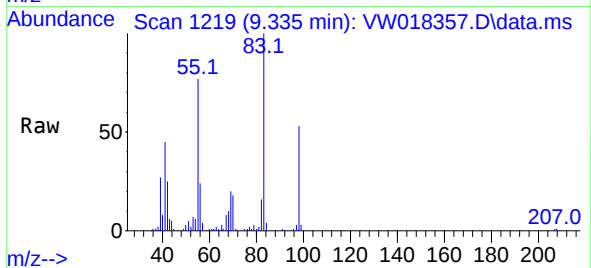
Manual Integrations
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#39
Methylcyclohexane
Concen: 4.02 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.001 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

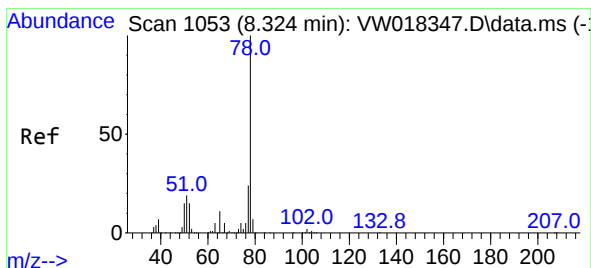
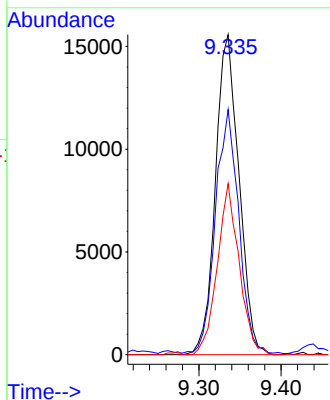
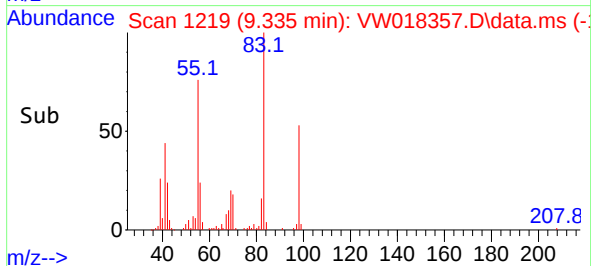
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



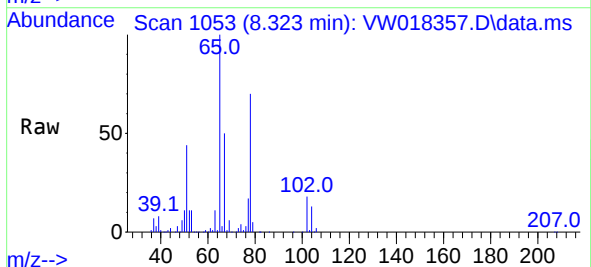
Tgt Ion: 83 Resp: 31014
Ion Ratio Lower Upper
83 100
55 76.1 55.0 82.6
98 53.5 38.6 57.8

Manual Integrations
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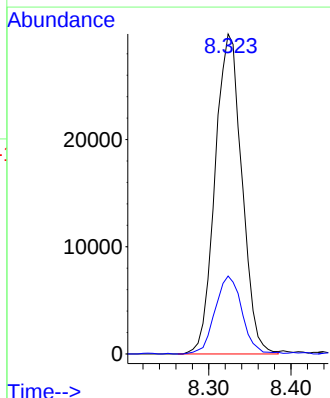
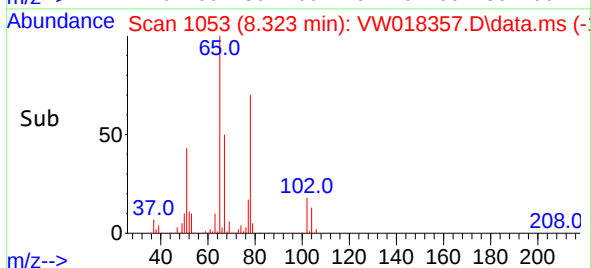
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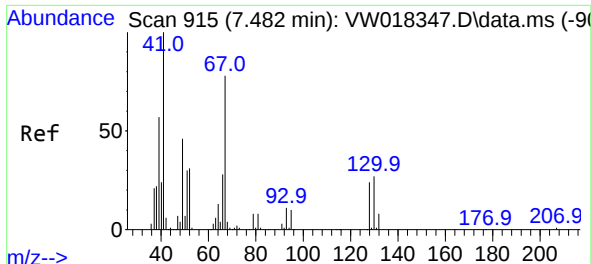


#40
Benzene
Concen: 4.15 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.001 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



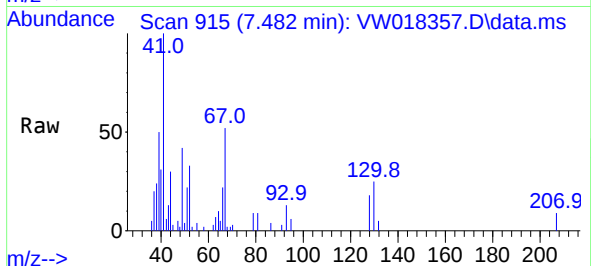
Tgt Ion: 78 Resp: 67727
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3





#41
Methacrylonitrile
Concen: 4.74 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

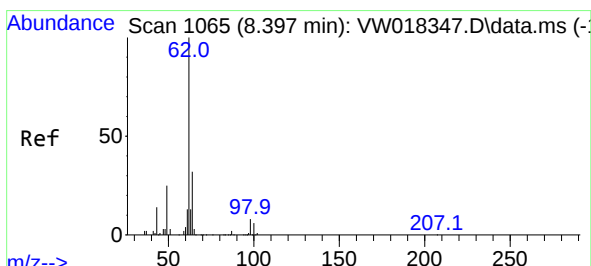
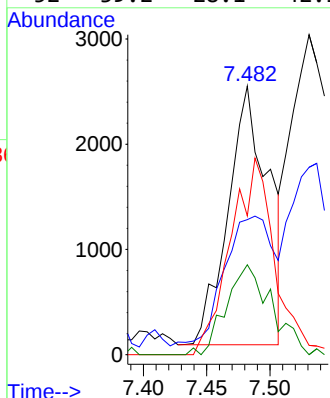
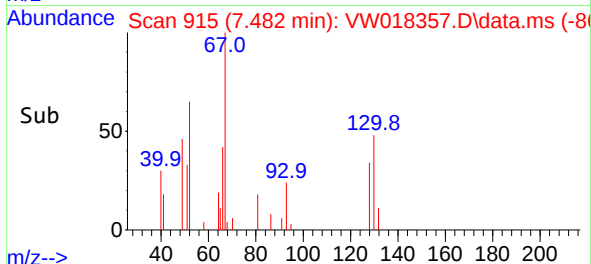
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



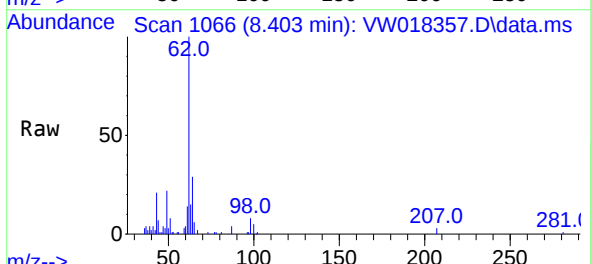
Tgt Ion:	41	Resp:	5457
Ion	Ratio	Lower	Upper
41	100		
39	61.0	44.6	67.0
67	82.5	66.1	99.1
52	39.2	28.1	42.1

Manual Integrations
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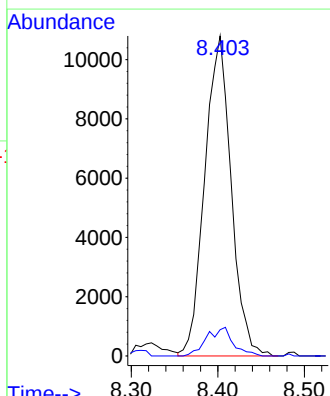
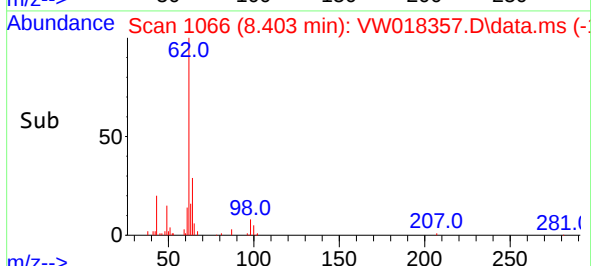
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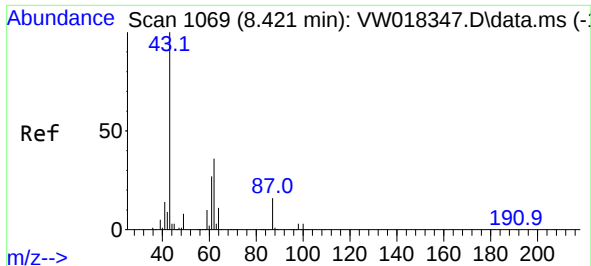


#42
1,2-Dichloroethane
Concen: 4.47 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



Tgt Ion:	62	Resp:	22883
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.2





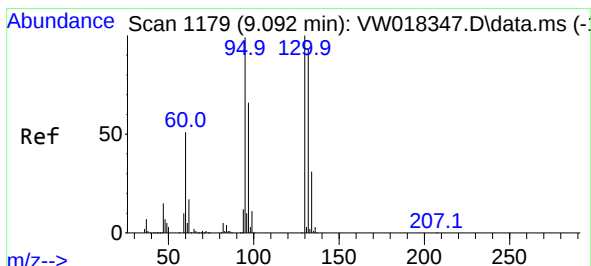
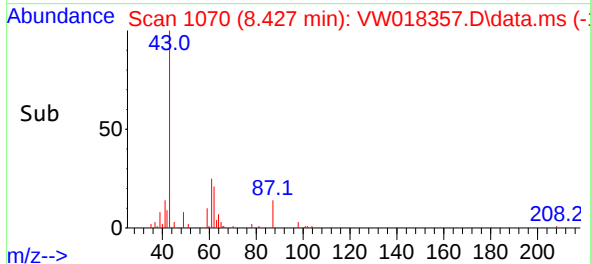
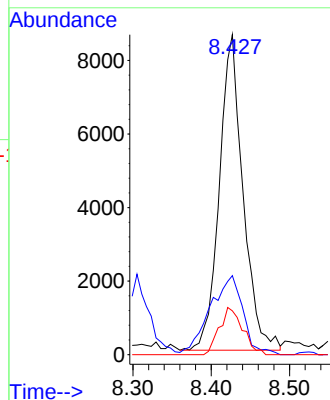
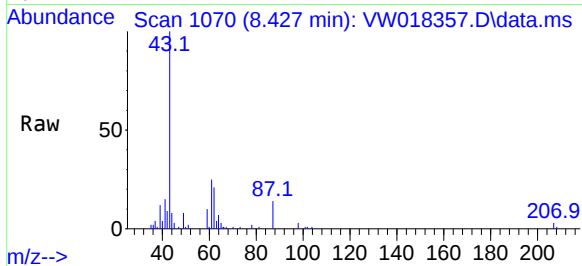
#43
Isopropyl Acetate
Concen: 4.23 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion:	43	Resp:	18081
Ion	Ratio	Lower	Upper
43	100		
61	34.9	29.0	43.4
87	14.7	13.0	19.4

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

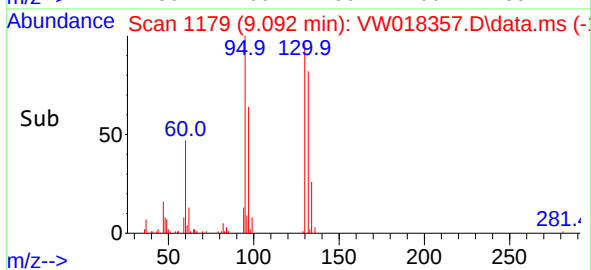
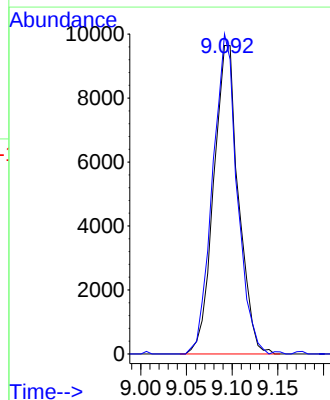
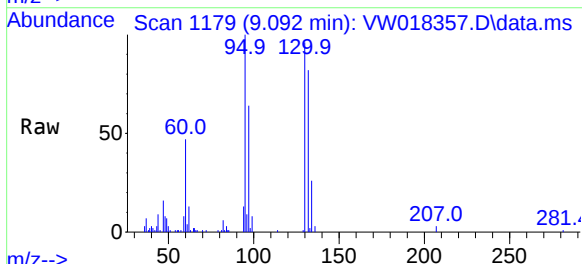
Manual Integrations
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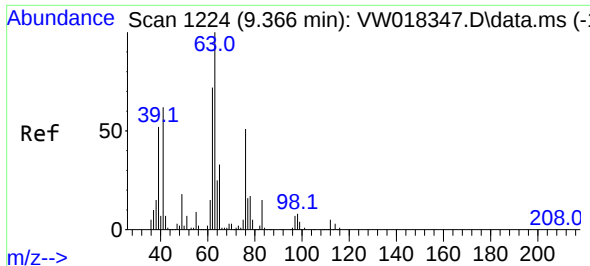
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#44
Trichloroethene
Concen: 4.15 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

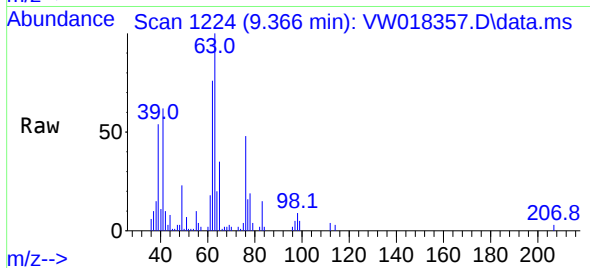
Tgt Ion:	130	Resp:	18248
Ion	Ratio	Lower	Upper
130	100		
95	103.7	0.0	200.6





#45
1,2-Dichloropropane
Concen: 4.21 ug/l
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

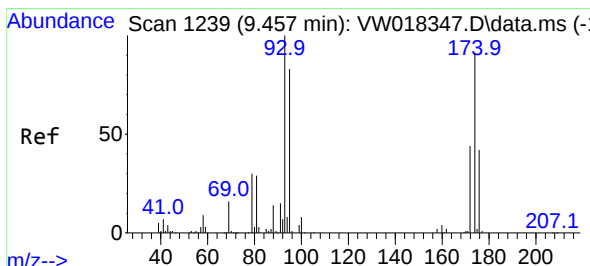
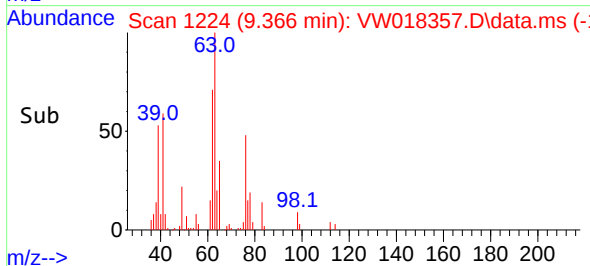
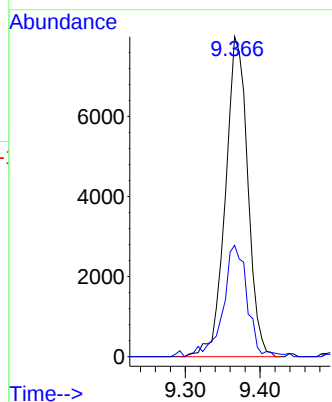
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 63 Resp: 16591
Ion Ratio Lower Upper
63 100
65 34.0 25.4 38.2

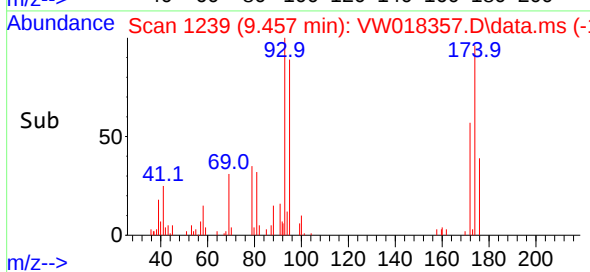
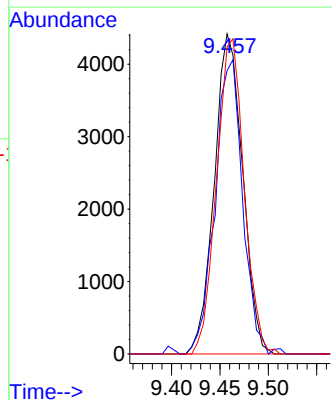
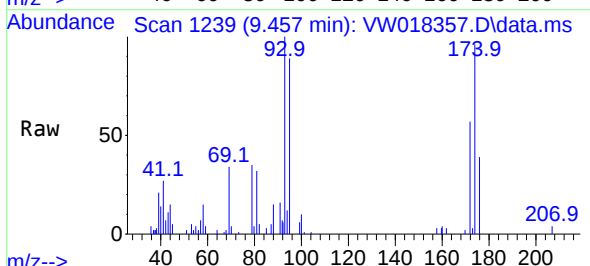
Manual Integrations
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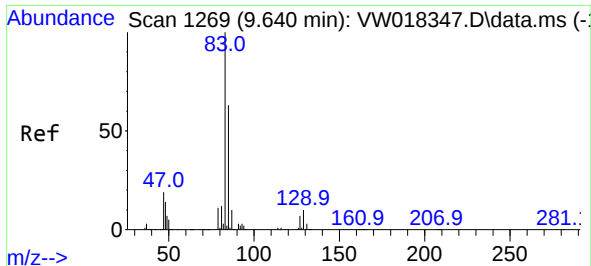
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3/18/2021 4:12:51 PM



#46
Dibromomethane
Concen: 4.09 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion: 93 Resp: 9007
Ion Ratio Lower Upper
93 100
95 89.8 66.3 99.5
174 95.7 73.1 109.7





#47
Bromodichloromethane
Concen: 4.09 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

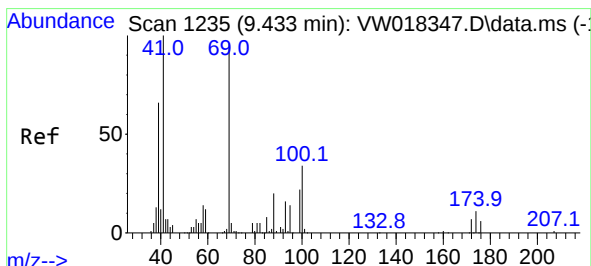
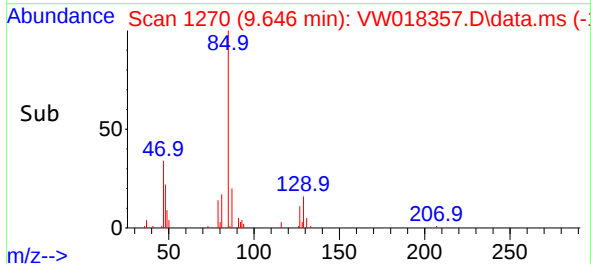
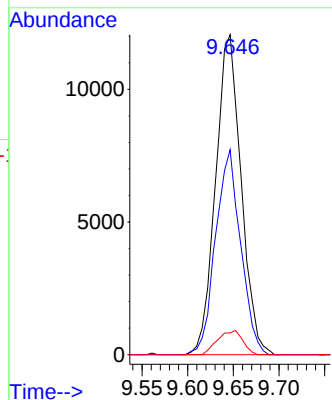
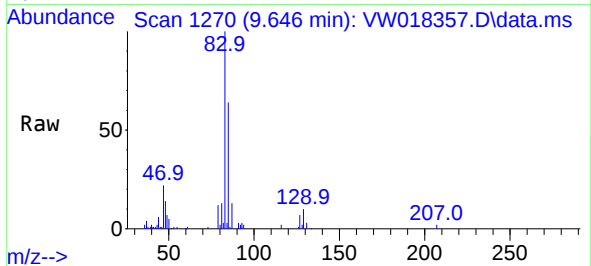
Tgt Ion: 83 Resp: 23427

Ion	Ratio	Lower	Upper
83	100		
85	64.0	53.1	79.7
127	6.8	6.3	9.5

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

Manual Integrations
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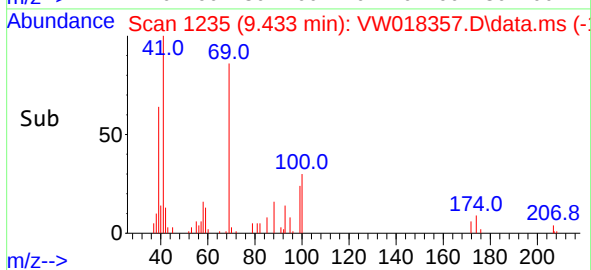
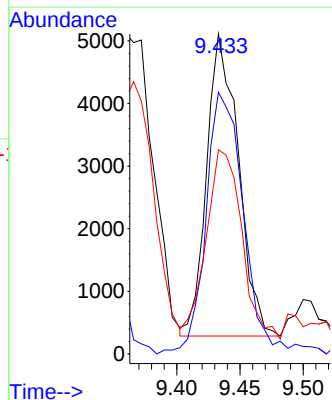
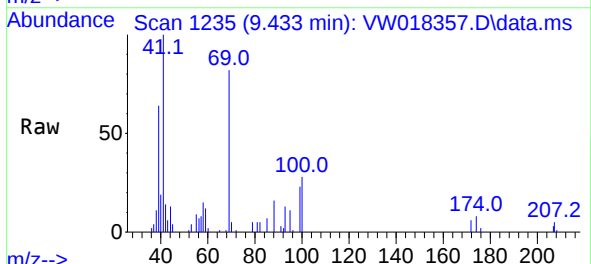
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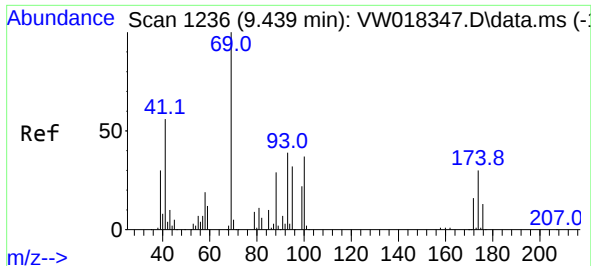


#48
Methyl methacrylate
Concen: 4.15 ug/l
RT: 9.433 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion: 41 Resp: 8413

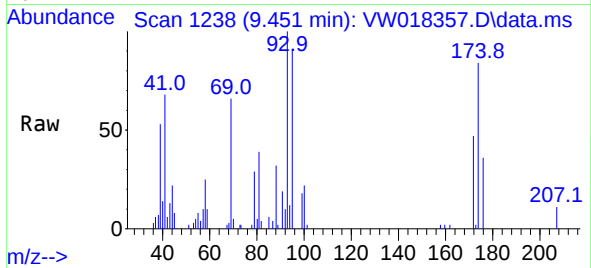
Ion	Ratio	Lower	Upper
41	100		
69	103.4	82.1	123.1
39	70.2	50.4	75.6





#49
1,4-Dioxane
Concen: 84.43 ug/l
RT: 9.451 min Scan# 1238
Delta R.T. 0.012 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

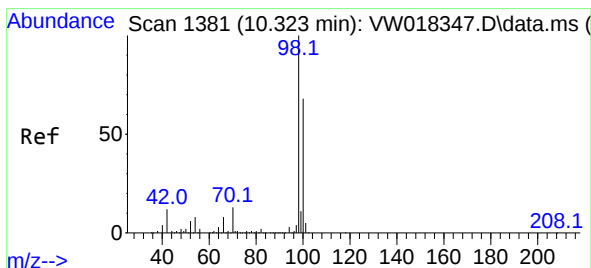
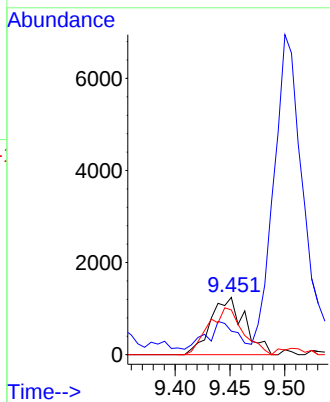
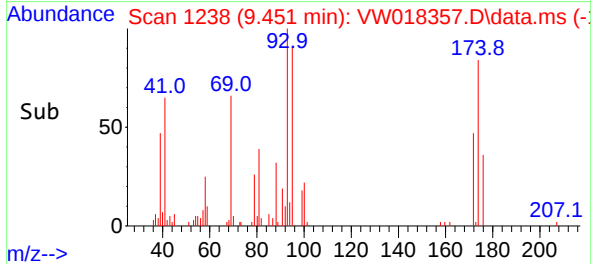
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



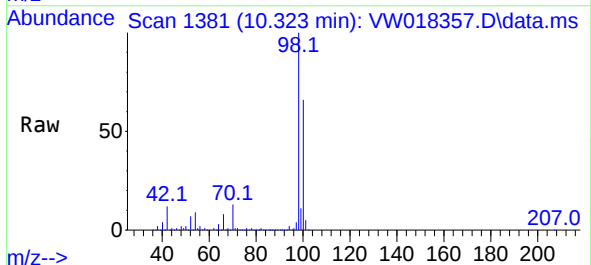
Tgt Ion: 88 Resp: 2696
Ion Ratio Lower Upper
88 100
43 40.7 25.5 38.3#
58 82.0 51.3 76.9#

Manual Integrations
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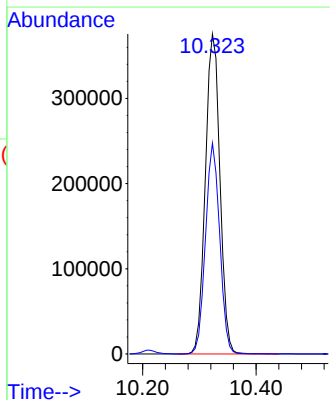
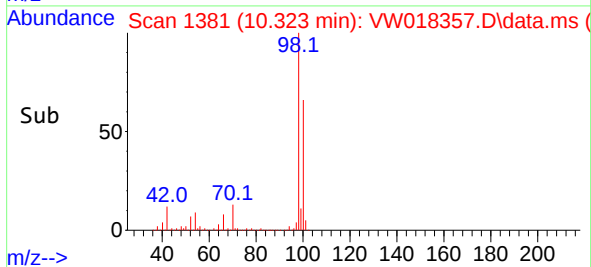
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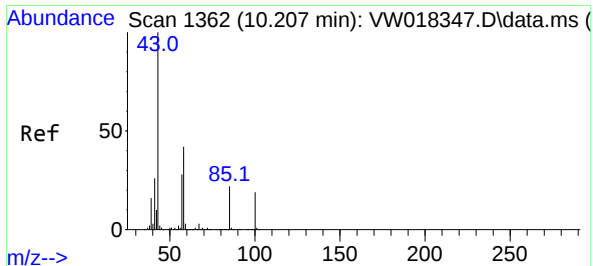


#50
Toluene-d8
Concen: 46.86 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



Tgt Ion: 98 Resp: 669507
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.8





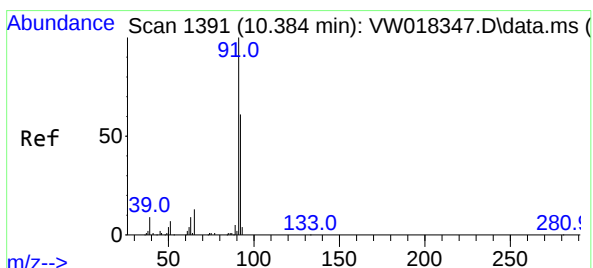
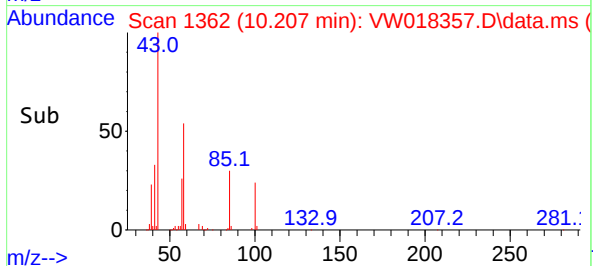
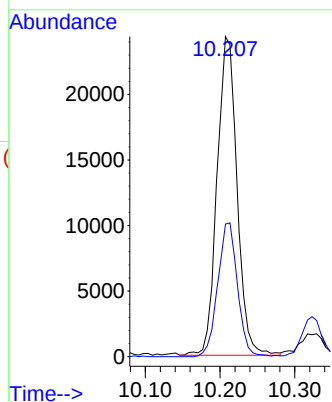
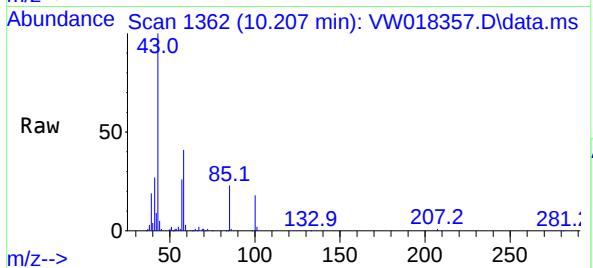
#51
4-Methyl-2-Pentanone
Concen: 21.65 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion: 43 Resp: 45203
Ion Ratio Lower Upper
43 100
58 41.4 35.4 53.0

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

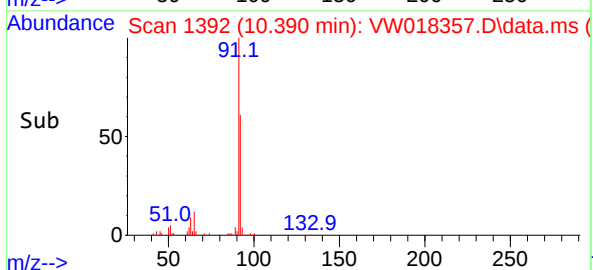
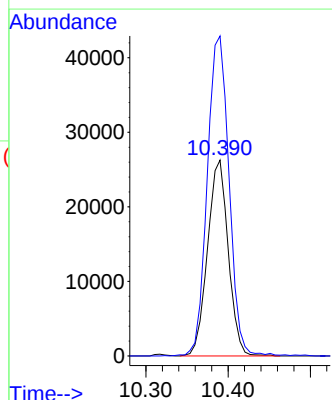
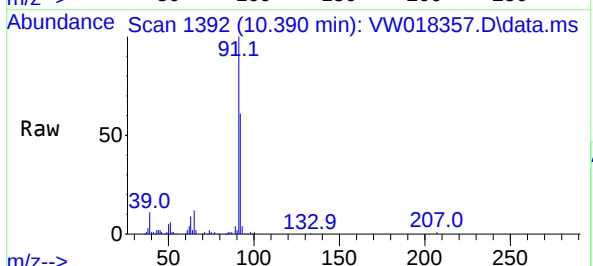
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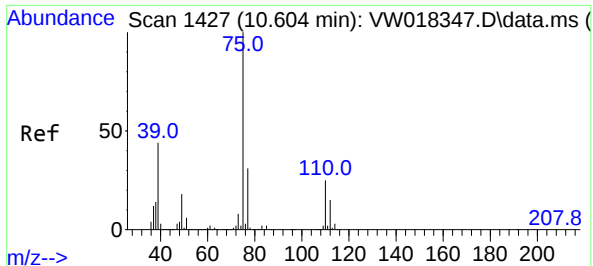
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3/18/2021 4:12:51 PM



#52
Toluene
Concen: 4.28 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion: 92 Resp: 46049
Ion Ratio Lower Upper
92 100
91 171.3 136.6 205.0





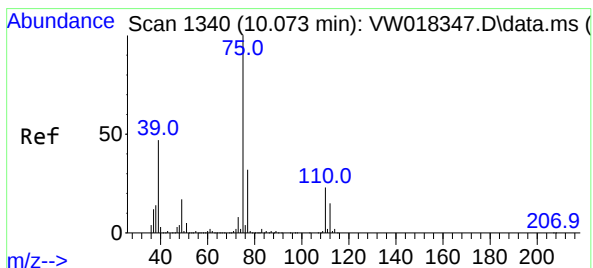
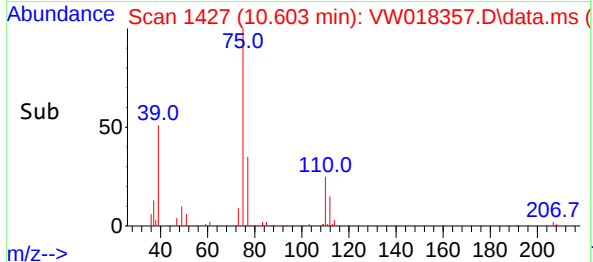
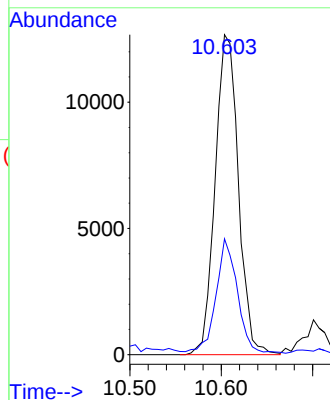
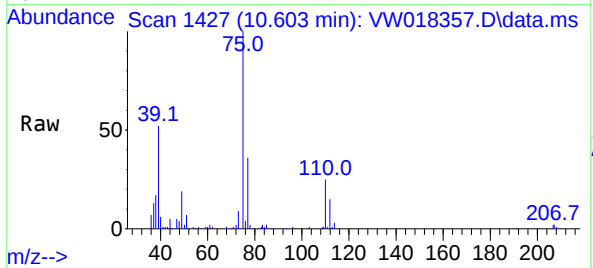
#53
t-1,3-Dichloropropene
Concen: 3.85 ug/l
RT: 10.603 min Scan# 1427
Delta R.T. -0.001 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion: 75 Resp: 22456
Ion Ratio Lower Upper
75 100
77 35.5 25.8 38.6

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

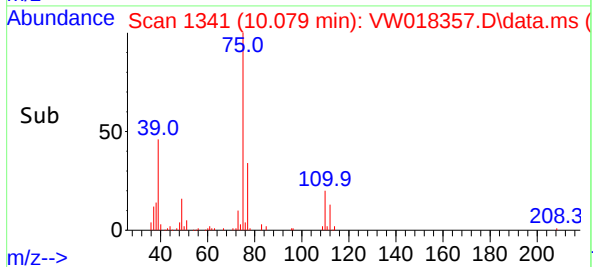
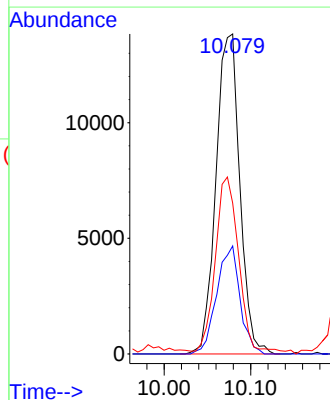
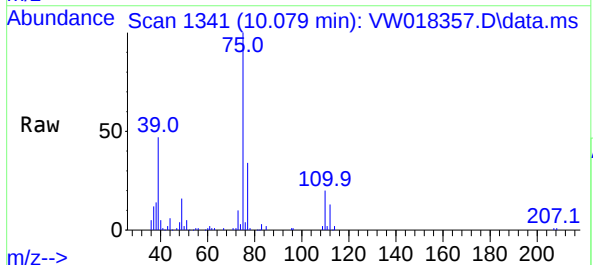
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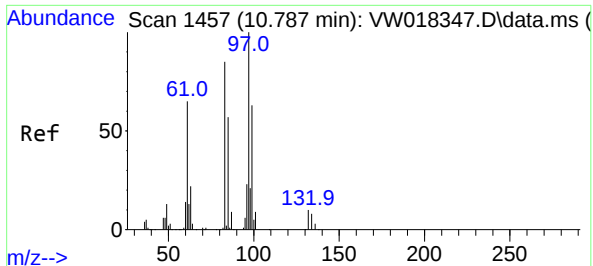
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3/18/2021 4:12:51 PM



#54
cis-1,3-Dichloropropene
Concen: 3.98 ug/l
RT: 10.079 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion: 75 Resp: 26471
Ion Ratio Lower Upper
75 100
77 33.8 24.9 37.3
39 46.2 34.6 51.8





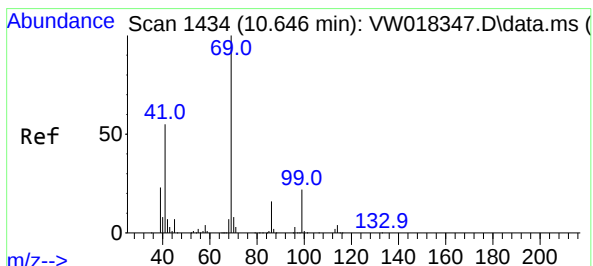
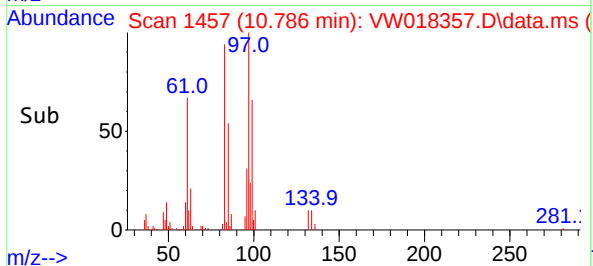
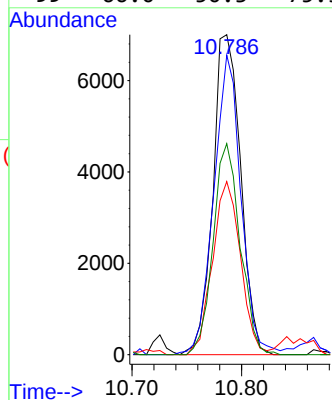
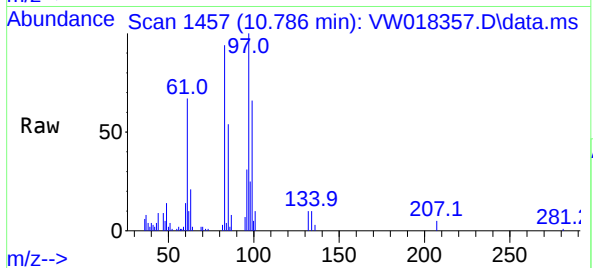
#55
1,1,2-Trichloroethane
Concen: 4.14 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.001 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion: 97	Resp: 12321
Ion Ratio	Lower Upper
97 100	
83 92.9	70.1 105.1
85 54.1	43.3 64.9
99 66.0	50.3 75.5

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

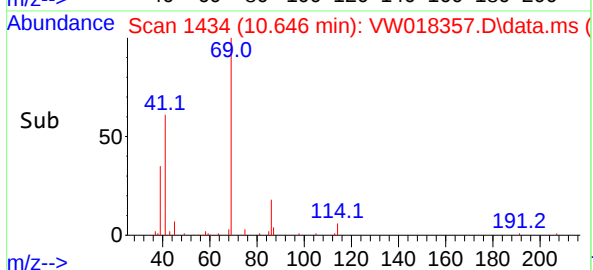
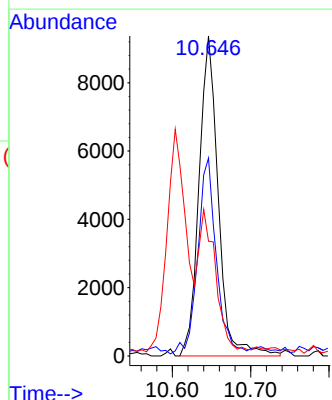
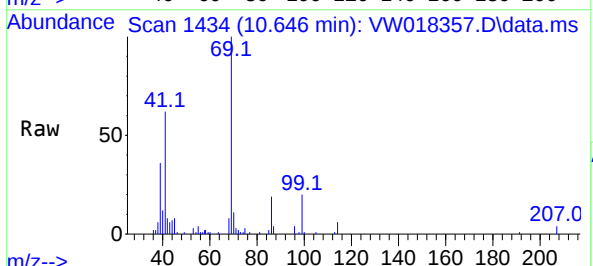
Manual Integrations
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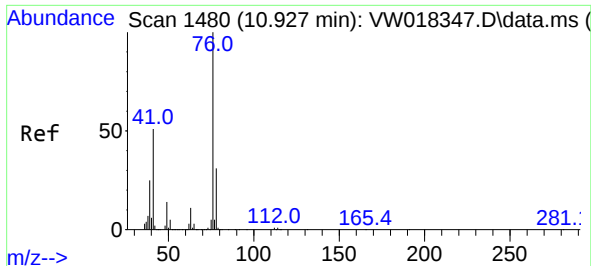
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3/18/2021 4:12:51 PM



#56
Ethyl methacrylate
Concen: 4.13 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion: 69	Resp: 15980
Ion Ratio	Lower Upper
69 100	
41 59.0	45.2 67.8
39 38.1	26.5 39.7





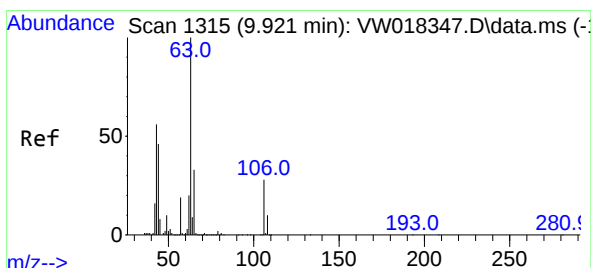
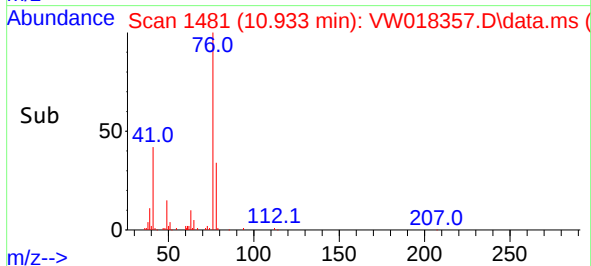
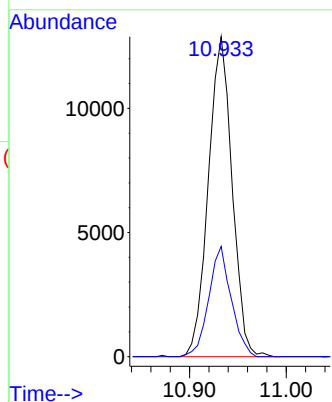
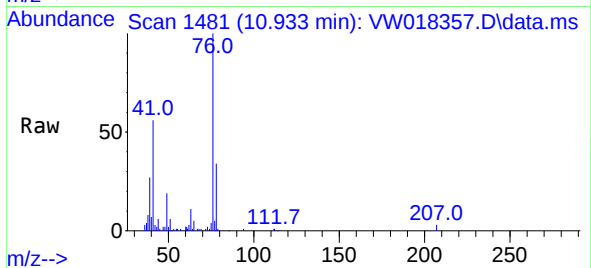
#57
1,3-Dichloropropane
Concen: 4.15 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion: 76 Resp: 22019
Ion Ratio Lower Upper
76 100
78 32.6 26.4 39.6

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

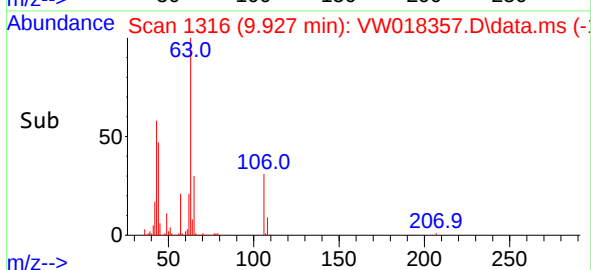
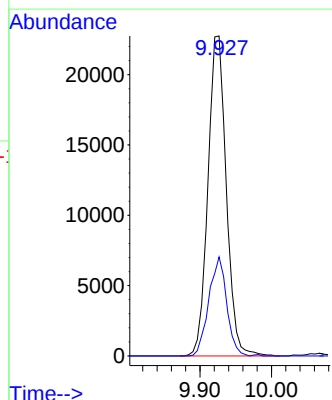
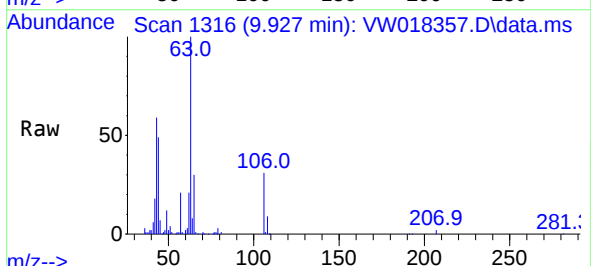
Manual Integrations
APPROVED

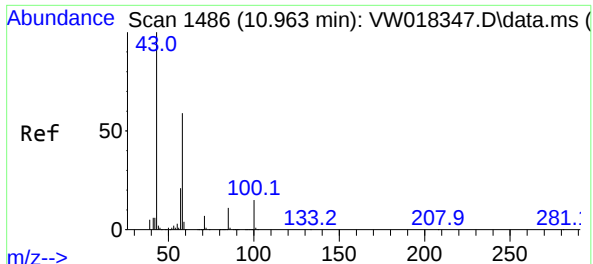
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3/18/2021 4:12:51 PM



#58
2-Chloroethyl Vinyl ether
Concen: 20.66 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion: 63 Resp: 40606
Ion Ratio Lower Upper
63 100
106 30.1 25.8 38.6





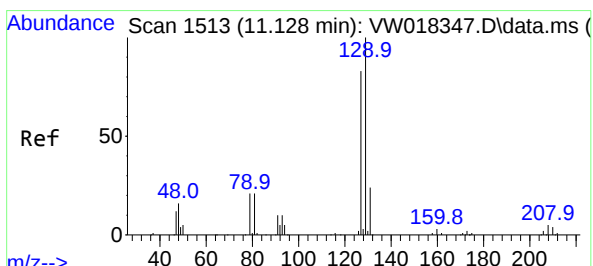
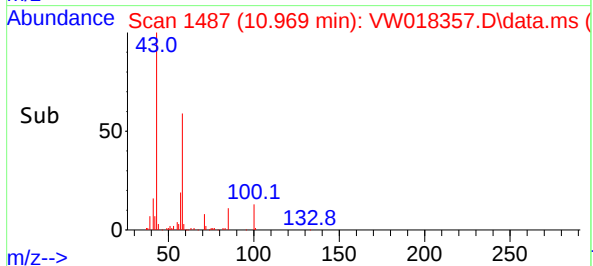
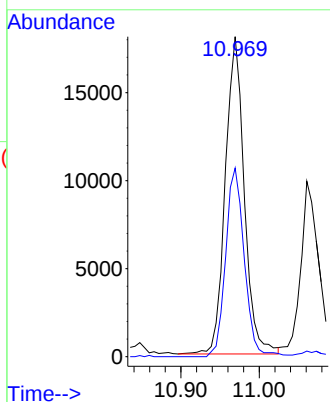
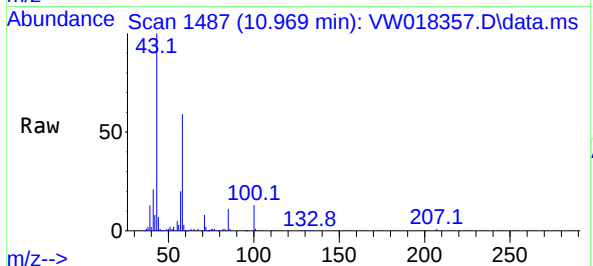
#59
2-Hexanone
Concen: 21.13 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion: 43 Resp: 30370
Ion Ratio Lower Upper
43 100
58 58.4 30.6 92.0

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

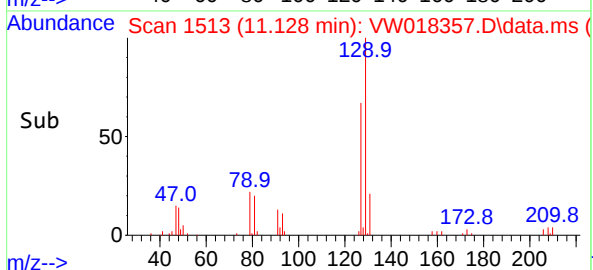
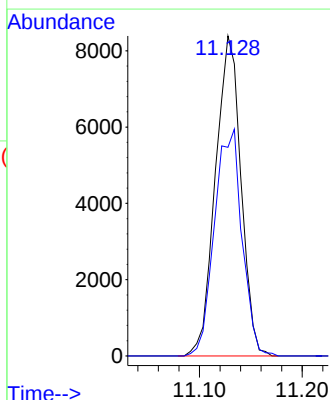
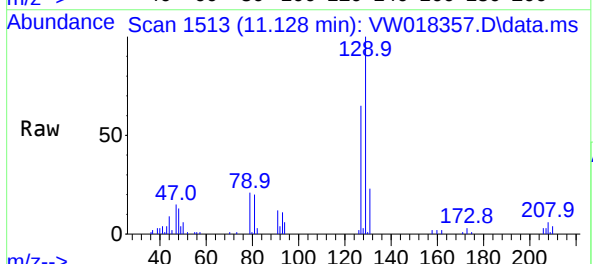
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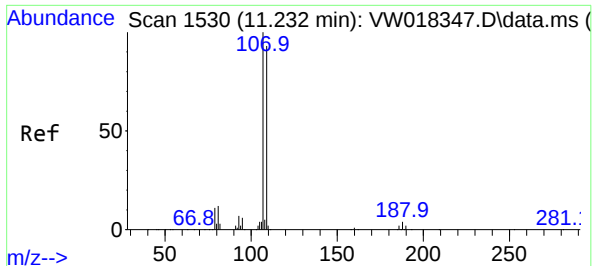
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3/18/2021 4:12:51 PM



#60
Dibromochloromethane
Concen: 3.95 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

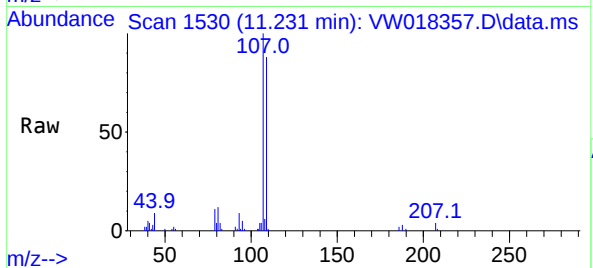
Tgt Ion:129 Resp: 14481
Ion Ratio Lower Upper
129 100
127 76.2 37.9 113.7





#61
1,2-Dibromoethane
Concen: 4.35 ug/l
RT: 11.231 min Scan# 1530
Delta R.T. -0.001 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

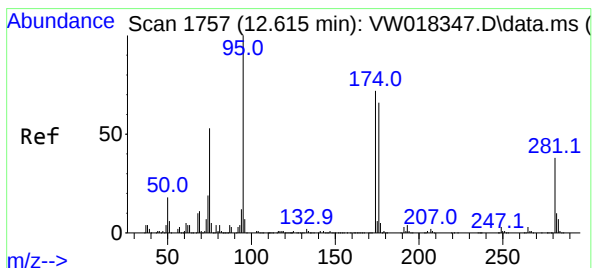
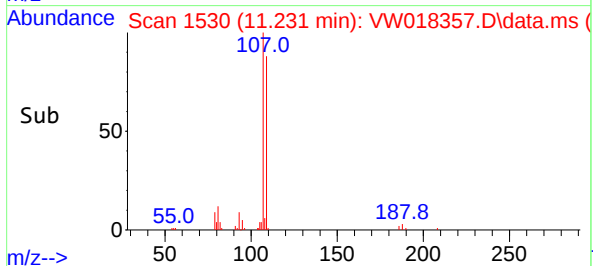
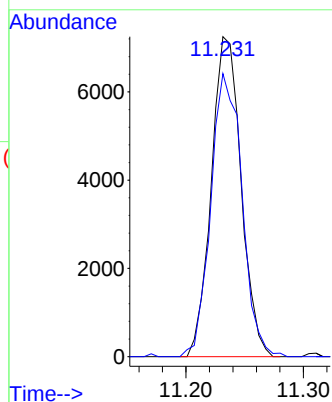
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



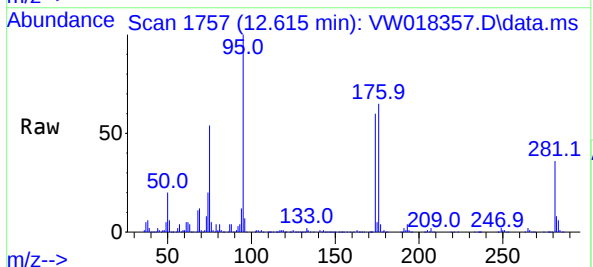
Tgt Ion:107 Resp: 12735
Ion Ratio Lower Upper
107 100
109 92.8 76.4 114.6

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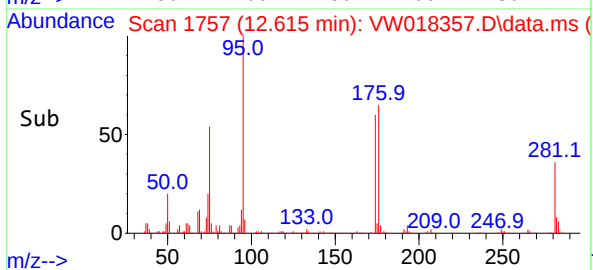
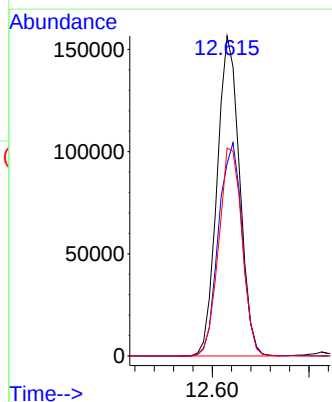
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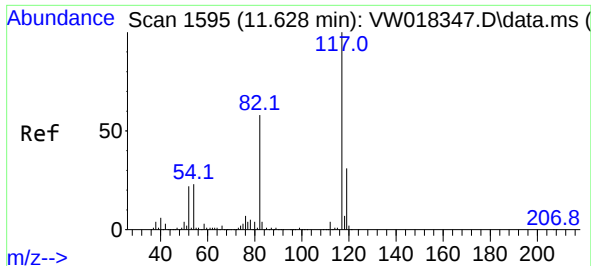


#62
4-Bromofluorobenzene
Concen: 46.56 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



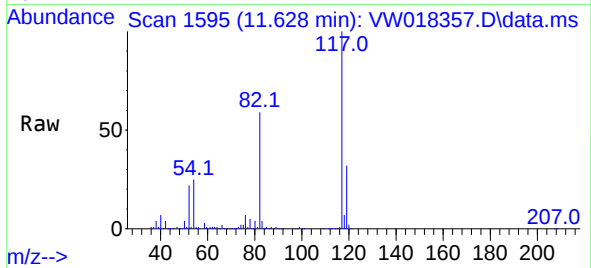
Tgt Ion: 95 Resp: 252548
Ion Ratio Lower Upper
95 100
174 70.0 0.0 132.8
176 67.5 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

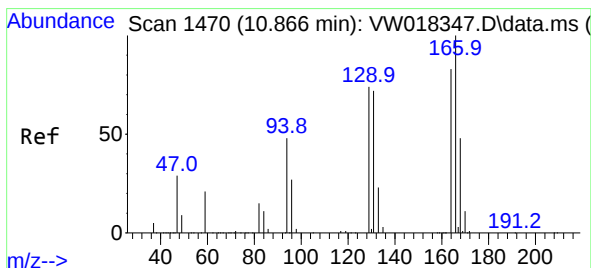
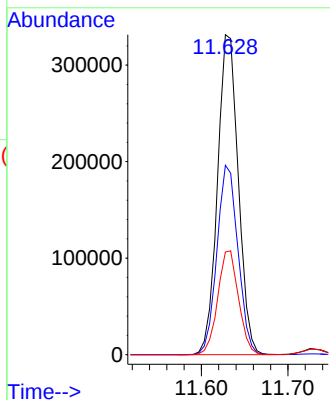
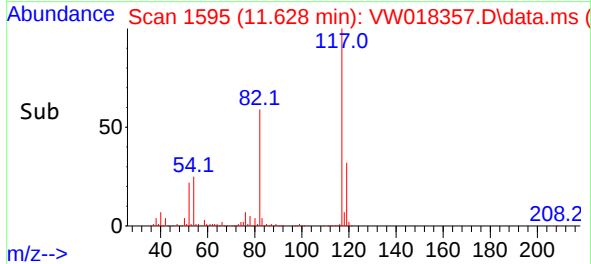
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



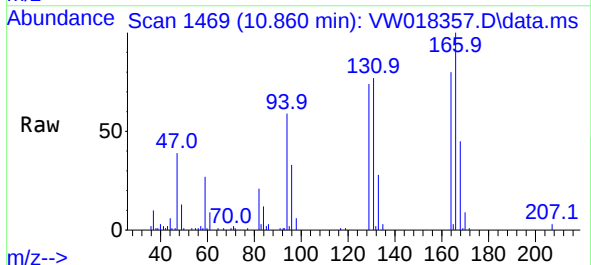
Tgt Ion:117 Resp: 553444
Ion Ratio Lower Upper
117 100
82 59.2 43.1 64.7
119 32.1 25.1 37.7

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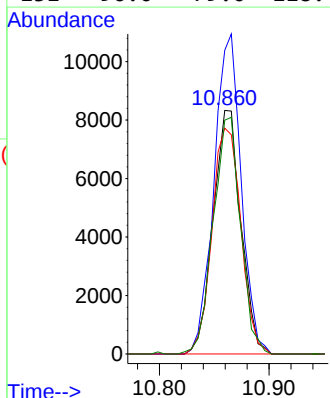
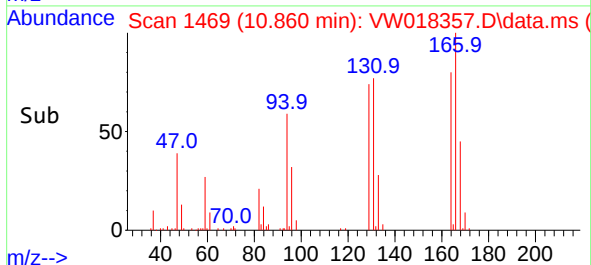
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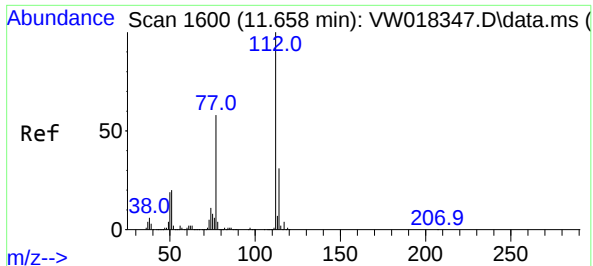


#64
Tetrachloroethene
Concen: 4.17 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



Tgt Ion:164 Resp: 14711
Ion Ratio Lower Upper
164 100
166 124.7 101.3 151.9
129 92.7 90.7 136.1
131 96.0 79.0 118.4





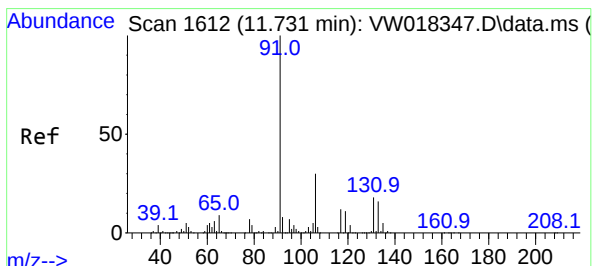
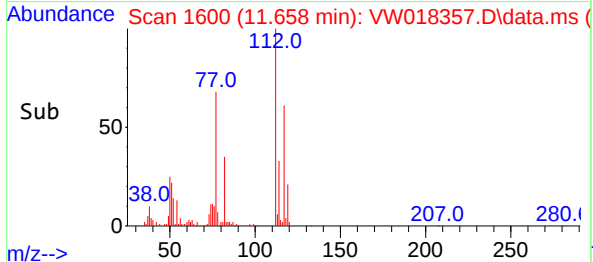
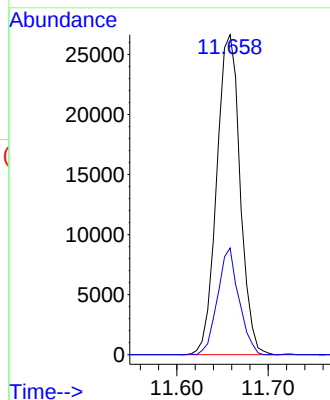
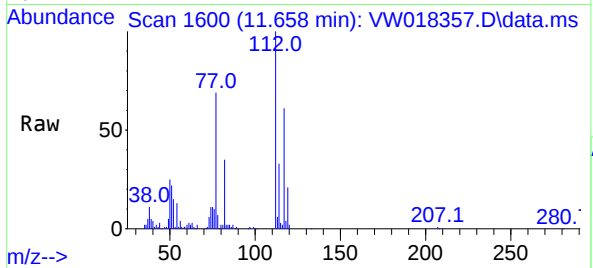
#65
Chlorobenzene
Concen: 4.24 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion:112 Resp: 47392
Ion Ratio Lower Upper
112 100
114 33.3 25.8 38.8

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

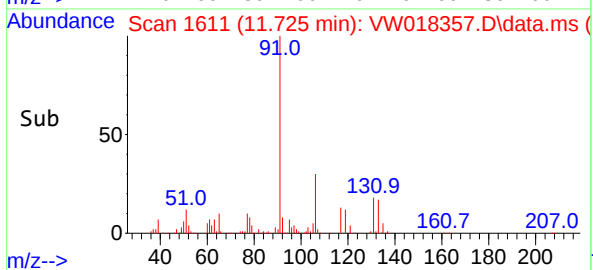
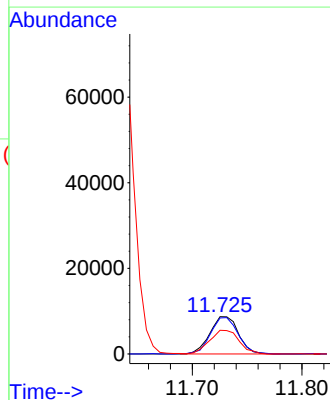
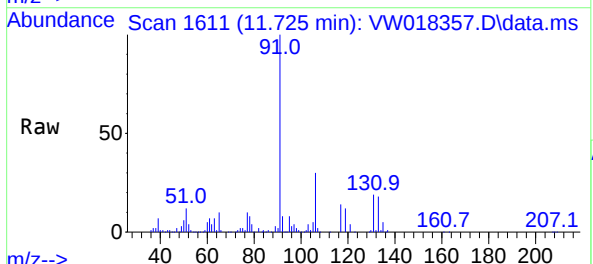
Manual Integrations
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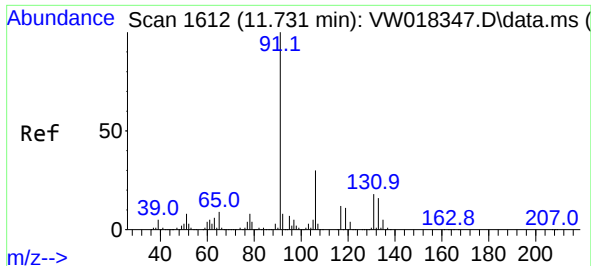
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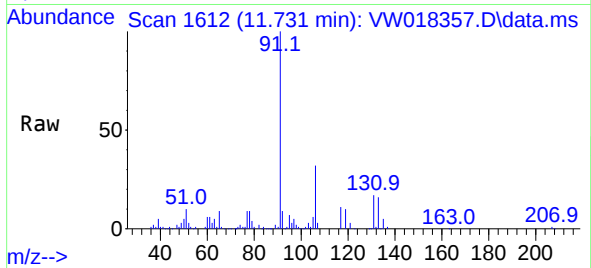
#66
1,1,1,2-Tetrachloroethane
Concen: 3.99 ug/l
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion:131 Resp: 15745
Ion Ratio Lower Upper
131 100
133 94.5 47.6 142.8
119 65.9 31.1 93.5

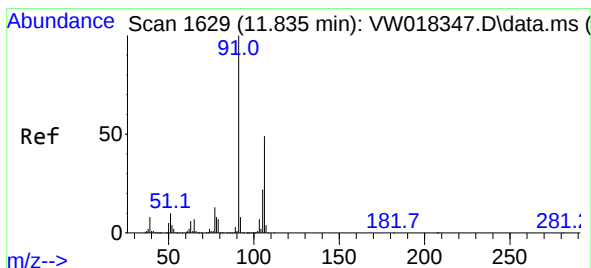
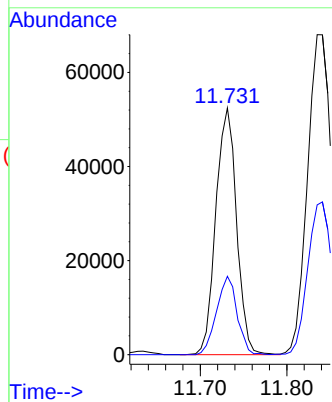
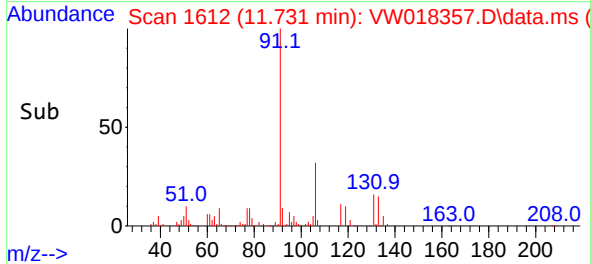




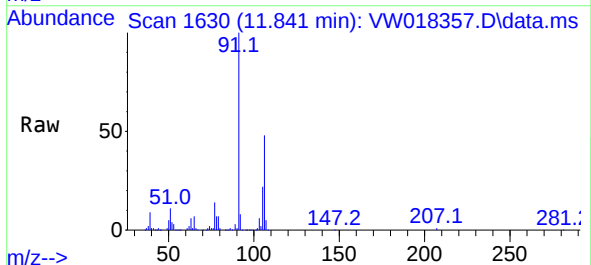
#67
Ethyl Benzene
Concen: 4.13 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



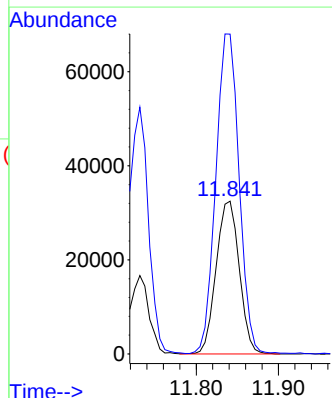
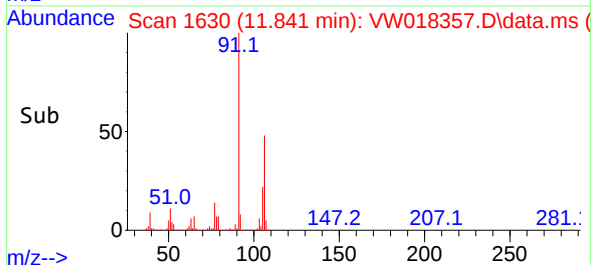
Tgt Ion: 91 Resp: 87332
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.6



#68
m/p-Xylenes
Concen: 7.92 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



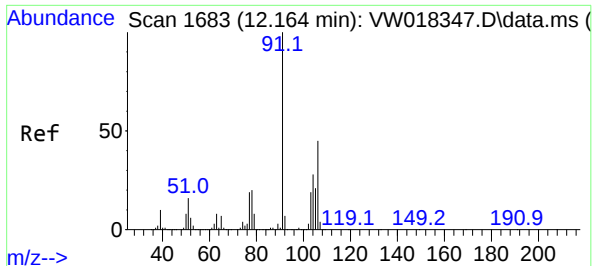
Tgt Ion: 106 Resp: 63579
Ion Ratio Lower Upper
106 100
91 211.4 165.5 248.3



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

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3/18/2021 4:12:51 PM



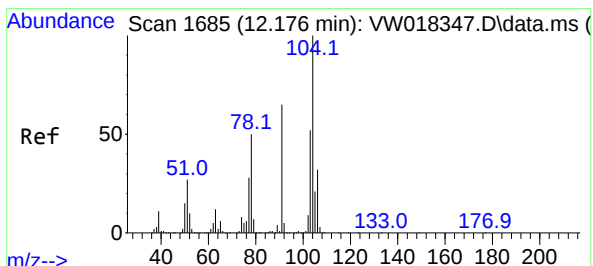
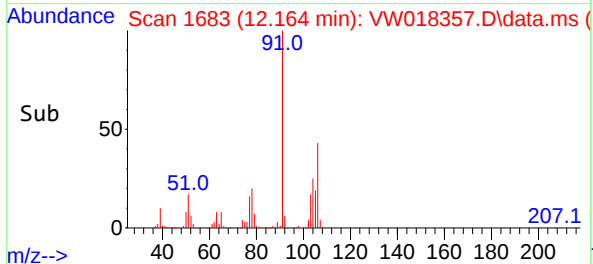
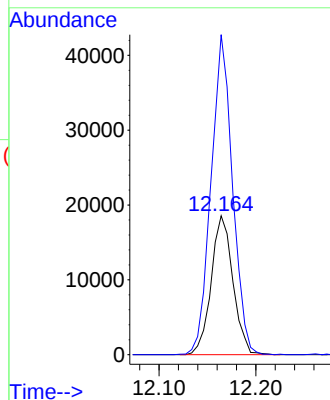
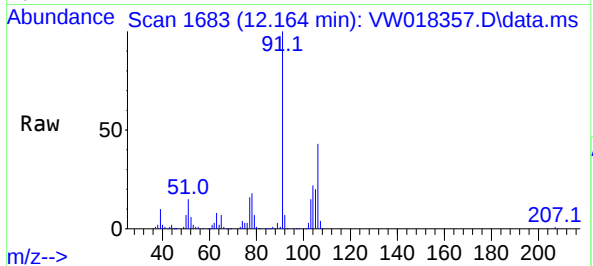
#69
o-Xylene
Concen: 3.86 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion:106 Resp: 28996
Ion Ratio Lower Upper
106 100
91 227.7 111.3 333.9

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

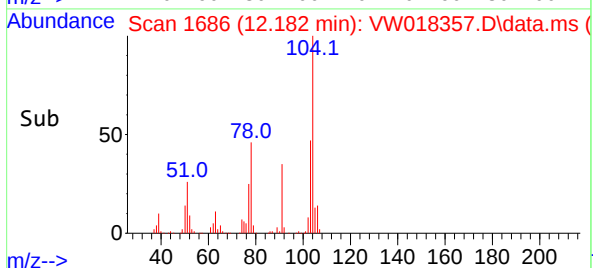
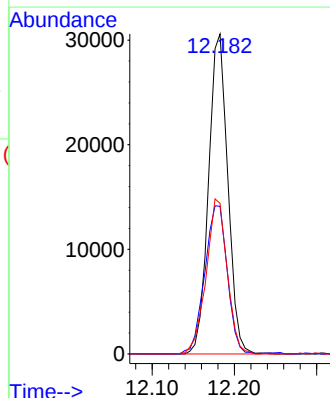
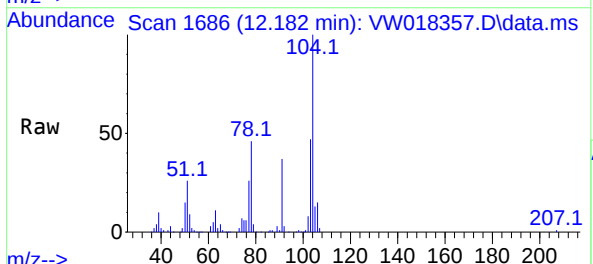
Manual Integrations
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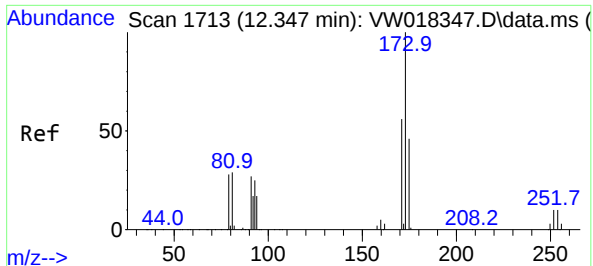
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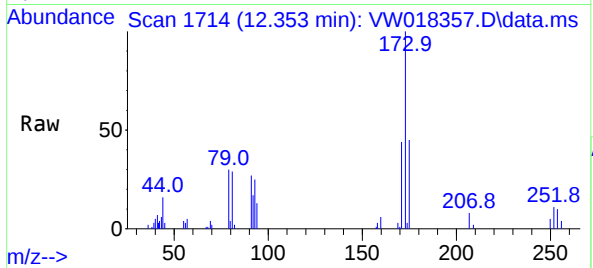
#70
Styrene
Concen: 3.96 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion:104 Resp: 49653
Ion Ratio Lower Upper
104 100
78 54.3 43.2 64.8
103 52.9 44.4 66.6

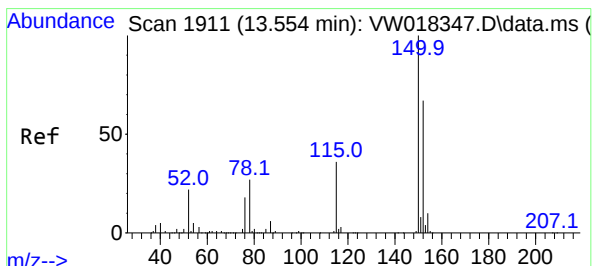
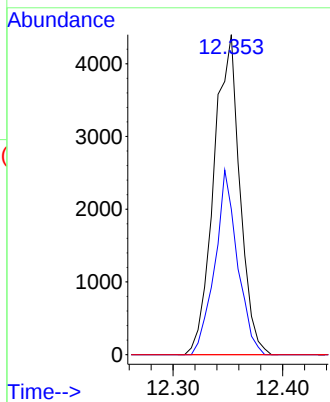
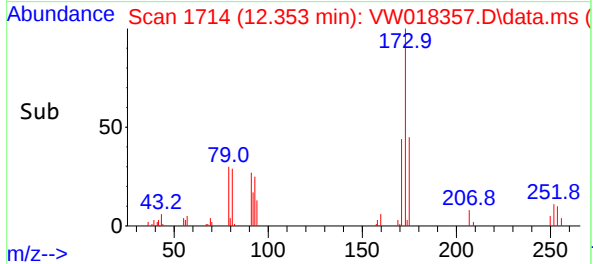




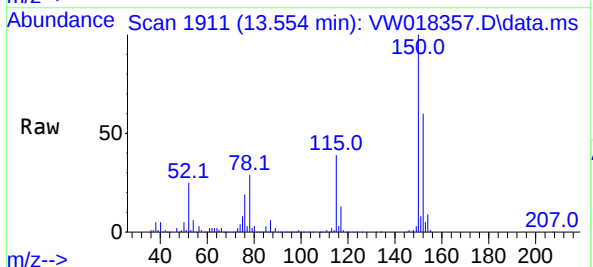
#71
Bromoform
Concen: 3.60 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



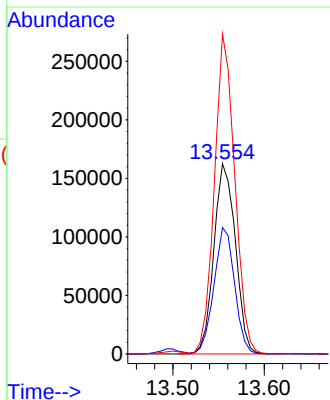
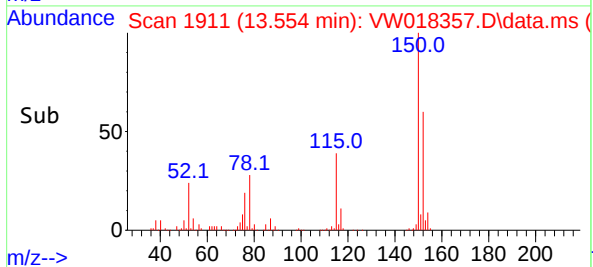
Tgt Ion:173 Resp: 7243
Ion Ratio Lower Upper
173 100
175 50.2 23.5 70.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



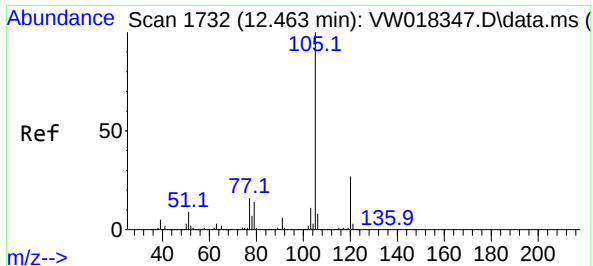
Tgt Ion:152 Resp: 266216
Ion Ratio Lower Upper
152 100
115 63.7 31.9 95.7
150 159.1 0.0 347.2



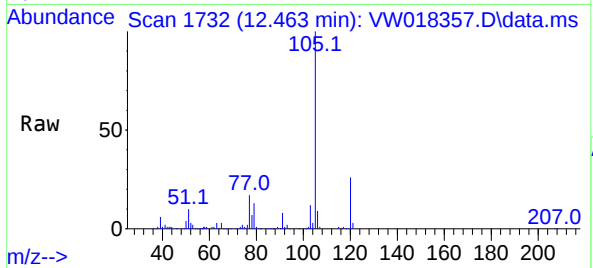
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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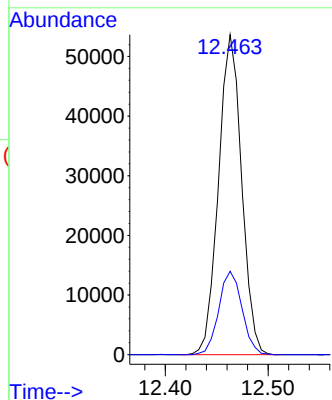
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3/18/2021 4:12:51 PM



#73
Isopropylbenzene
Concen: 4.17 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



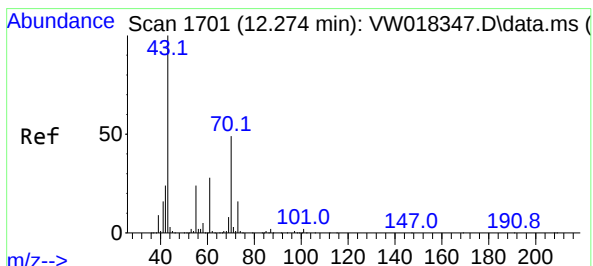
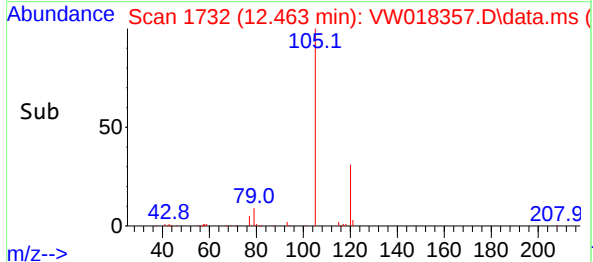
Tgt Ion: 105 Resp: 83696
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3



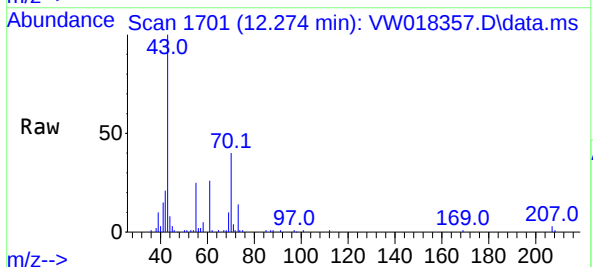
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ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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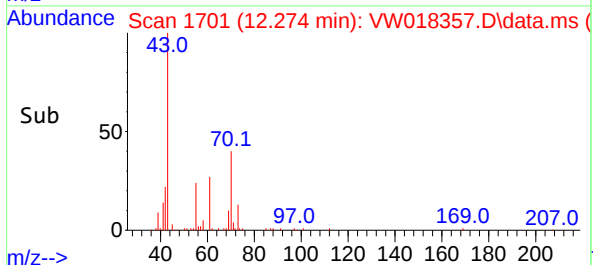
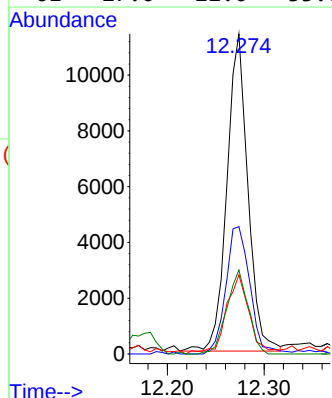
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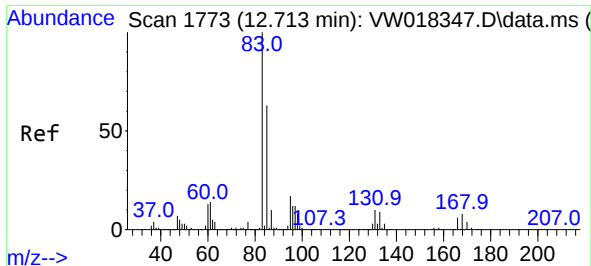


#74
N-ethyl acetate
Concen: 4.35 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



Tgt Ion: 43 Resp: 17164
Ion Ratio Lower Upper
43 100
70 46.1 41.8 62.6
55 27.6 23.0 34.6
61 27.0 22.0 33.0





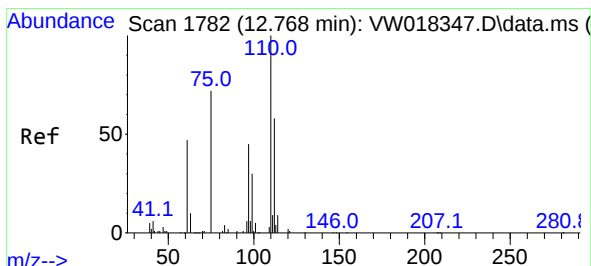
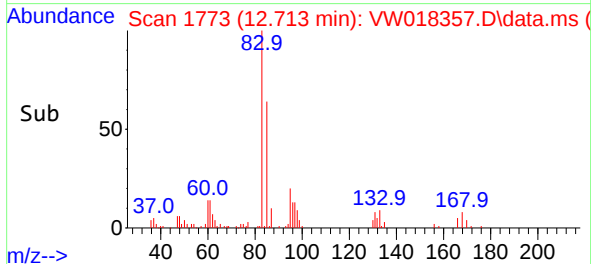
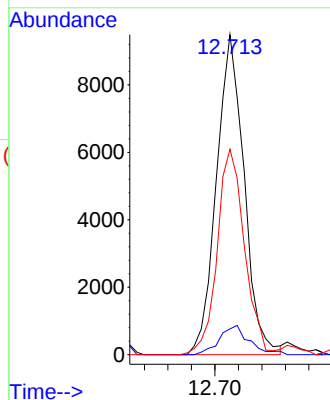
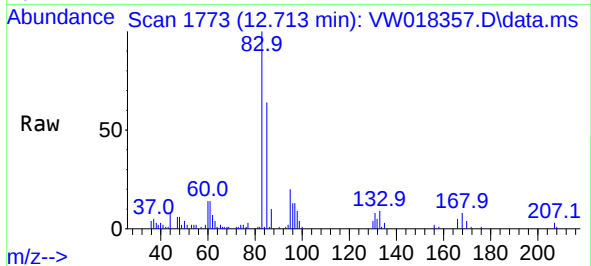
#75
1,1,2,2-Tetrachloroethane
Concen: 4.74 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion:	83	Resp:	15517
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.9	17.6
85	63.3	31.9	95.5

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

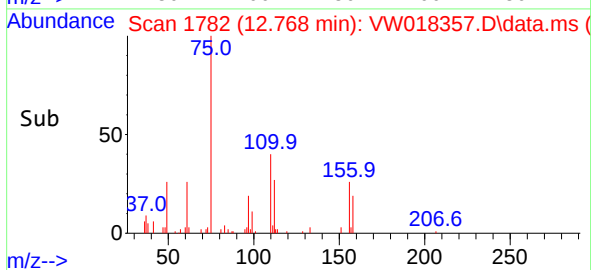
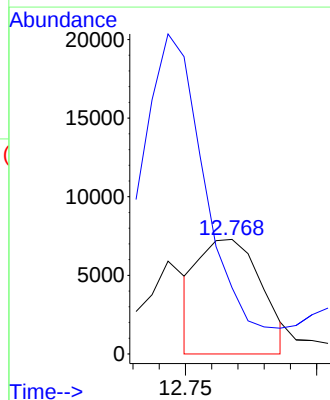
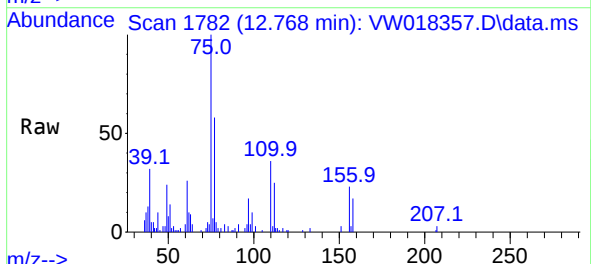
Manual Integrations
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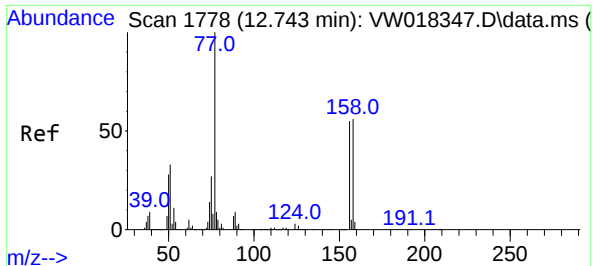
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3/18/2021 4:12:51 PM



#76
1,2,3-Trichloropropane
Concen: 4.95 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion:	75	Resp:	12110
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





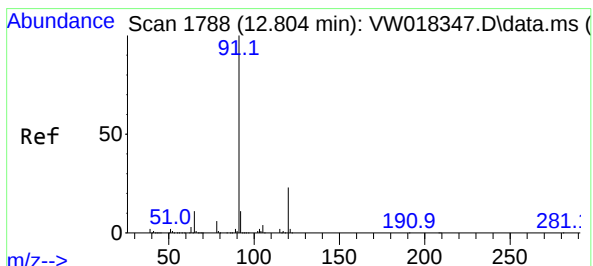
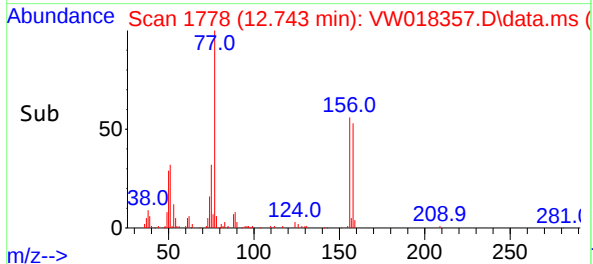
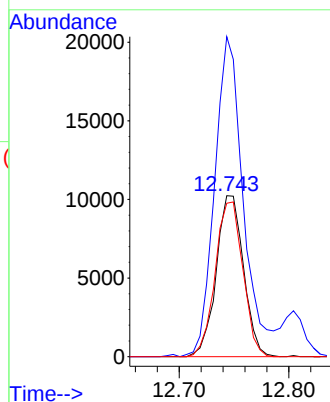
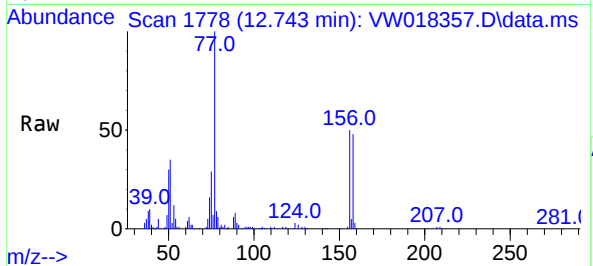
#77
Bromobenzene
Concen: 4.12 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion:156 Resp: 17699
Ion Ratio Lower Upper
156 100
77 208.6 97.8 293.4
158 97.5 49.1 147.3

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

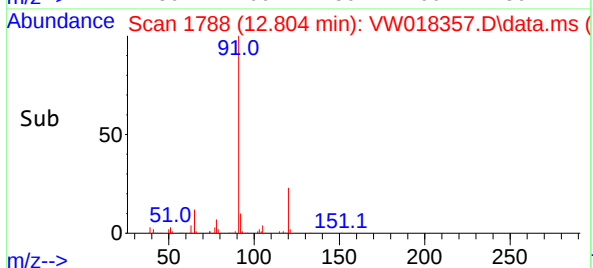
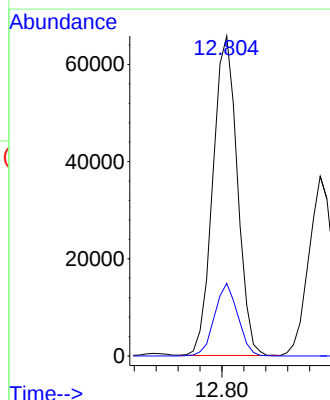
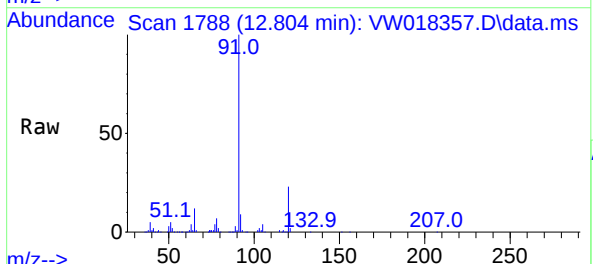
Manual Integrations
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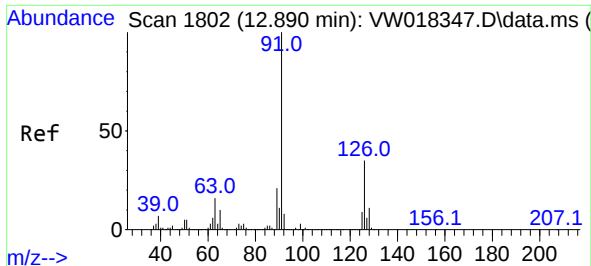
MMDadoda
3/18/2021 4:12:51 PM



#78
n-propylbenzene
Concen: 4.25 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

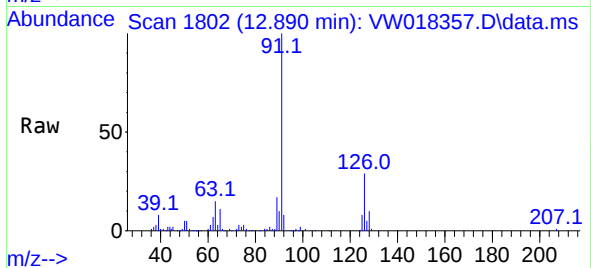
Tgt Ion: 91 Resp: 101678
Ion Ratio Lower Upper
91 100
120 21.7 11.3 33.9





#79
2-Chlorotoluene
Concen: 4.22 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

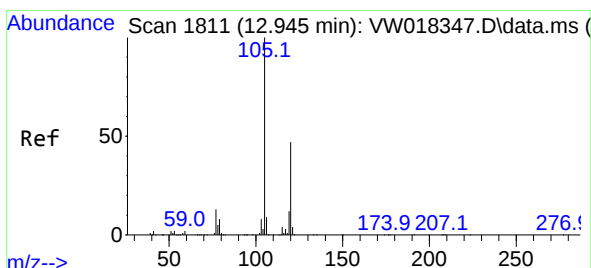
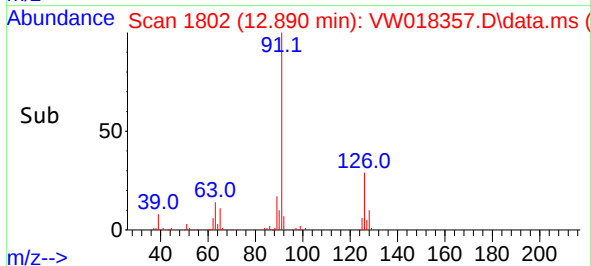
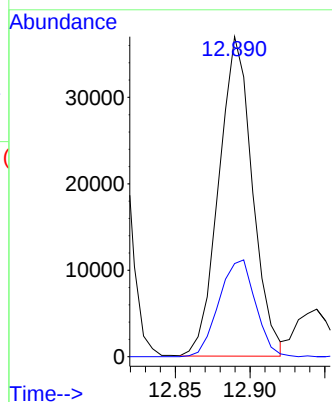
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



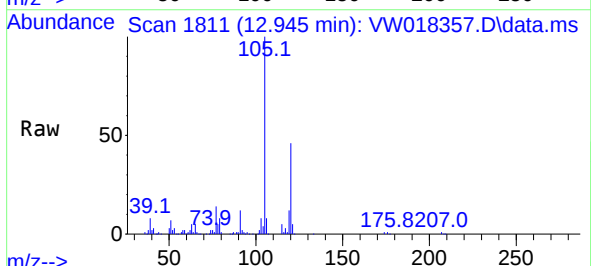
Tgt Ion: 91 Resp: 57789
Ion Ratio Lower Upper
91 100
126 32.9 15.0 45.0

Manual Integrations
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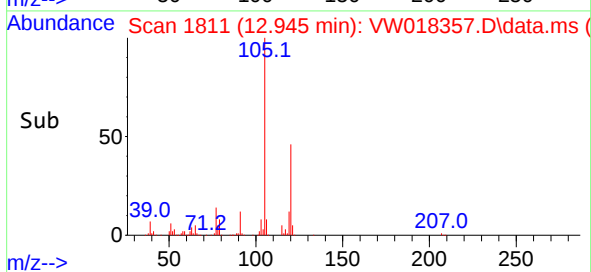
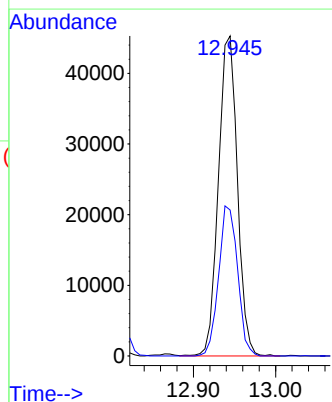
MMDadoda
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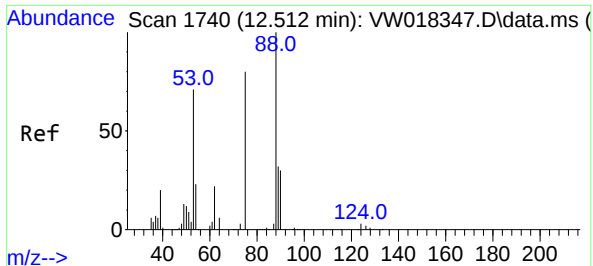


#80
1,3,5-Trimethylbenzene
Concen: 4.20 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



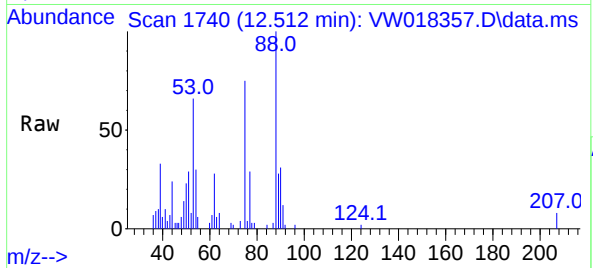
Tgt Ion: 105 Resp: 72616
Ion Ratio Lower Upper
105 100
120 46.8 23.4 70.0





#81
trans-1,4-Dichloro-2-butene
Concen: 3.65 ug/l m
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

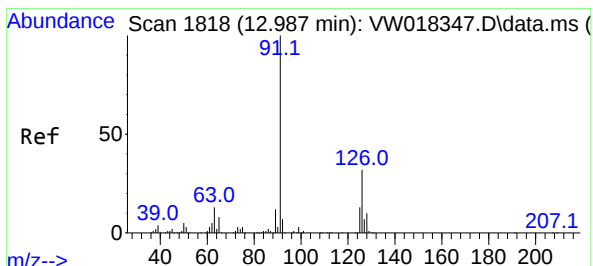
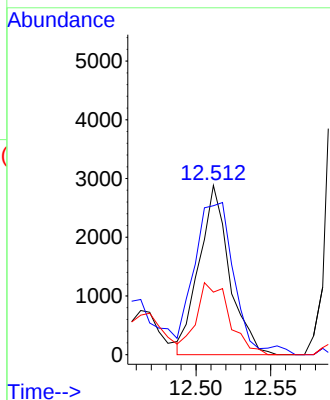
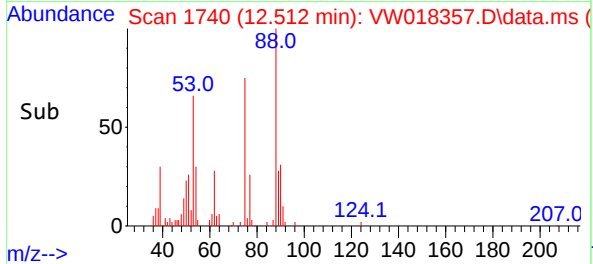
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



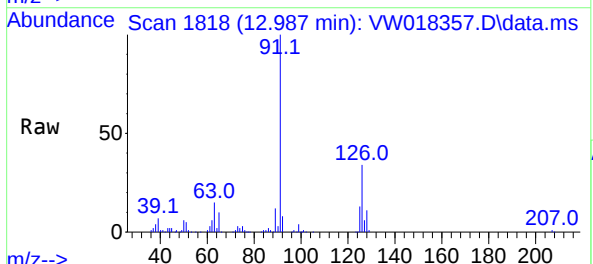
Tgt Ion: 75 Resp: 4082
Ion Ratio Lower Upper
75 100
53 5.8 86.9 130.3#
89 11.8 38.8 58.2#

Manual Integrations
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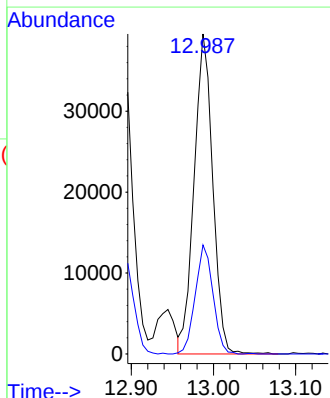
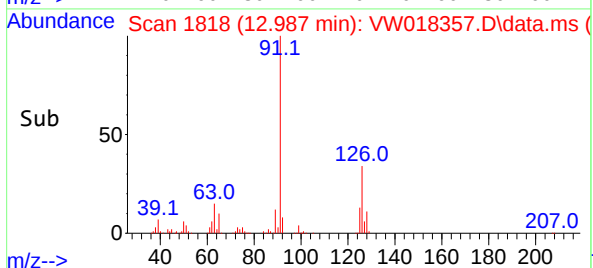
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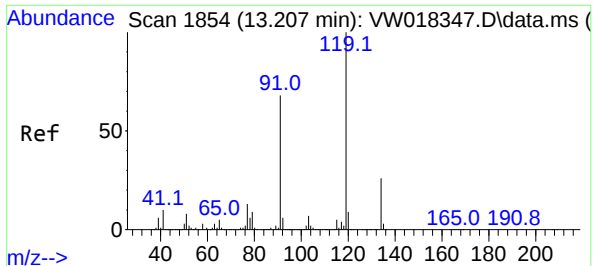


#82
4-Chlorotoluene
Concen: 4.31 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



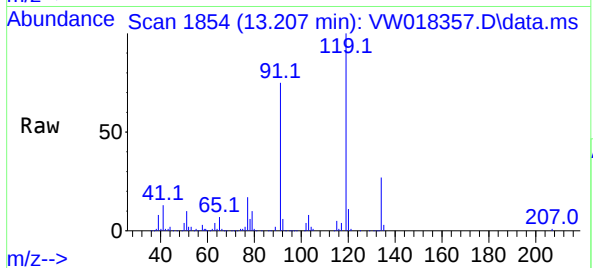
Tgt Ion: 91 Resp: 62172
Ion Ratio Lower Upper
91 100
126 32.4 15.8 47.4





#83
tert-Butylbenzene
Concen: 3.97 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

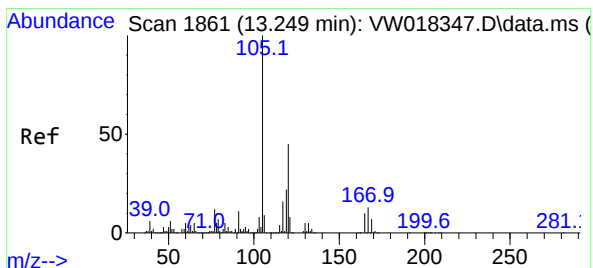
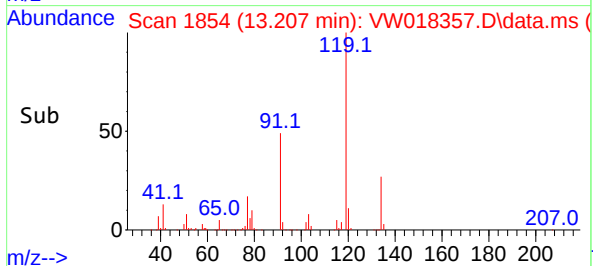
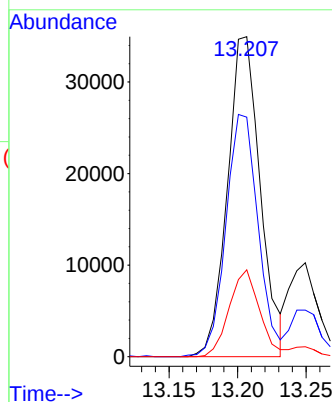
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



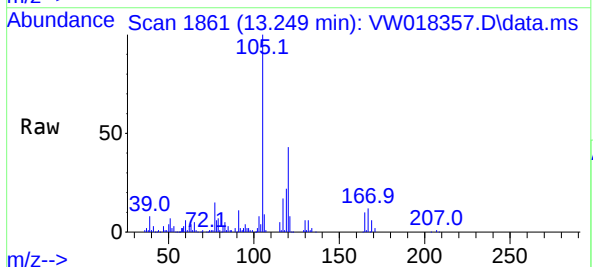
Tgt Ion:119 Resp: 58267
Ion Ratio Lower Upper
119 100
91 74.3 34.9 104.7
134 25.5 12.3 36.9

Manual Integrations
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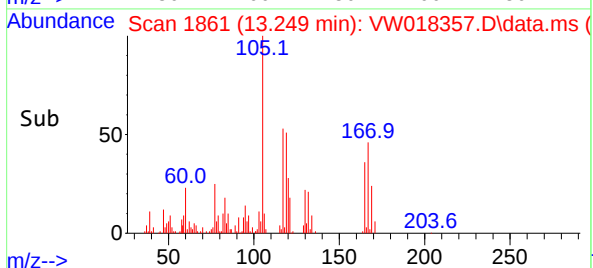
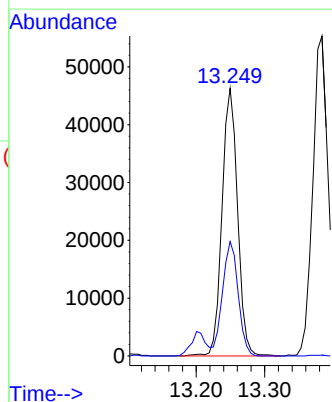
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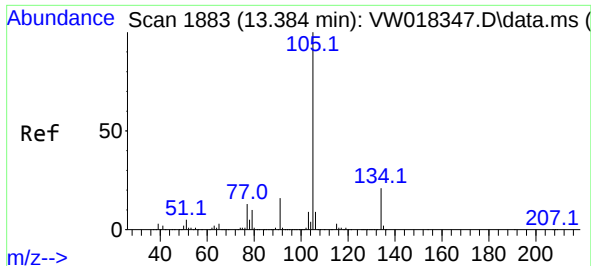


#84
1,2,4-Trimethylbenzene
Concen: 4.19 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54



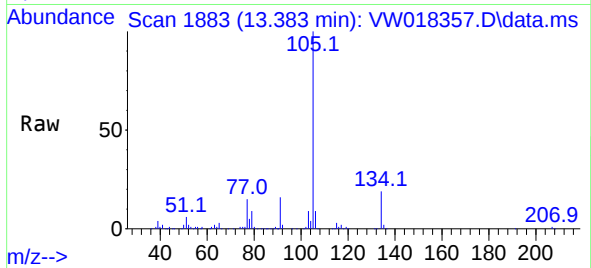
Tgt Ion:105 Resp: 72513
Ion Ratio Lower Upper
105 100
120 43.4 21.3 64.0





#85
 sec-Butylbenzene
 Concen: 4.19 ug/l
 RT: 13.383 min Scan# 1883
 Delta R.T. -0.001 min
 Lab File: VW018357.D
 Acq: 17 Mar 2021 20:54

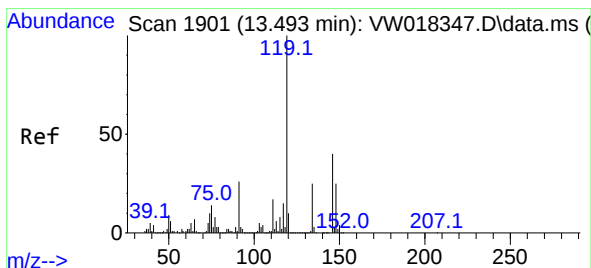
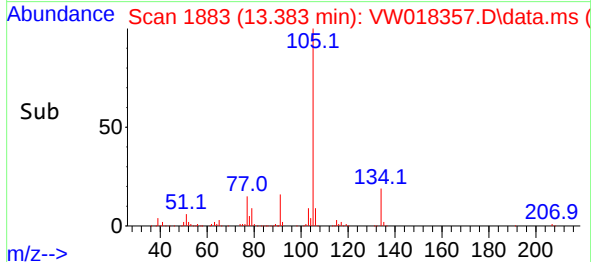
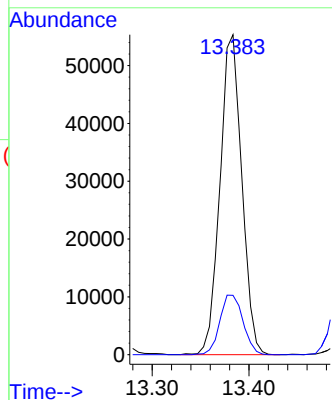
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021



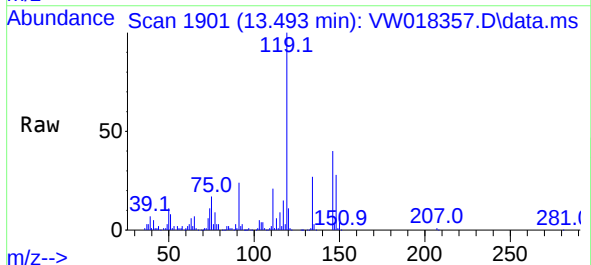
Tgt Ion:105 Resp: 86589
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

Manual Integrations
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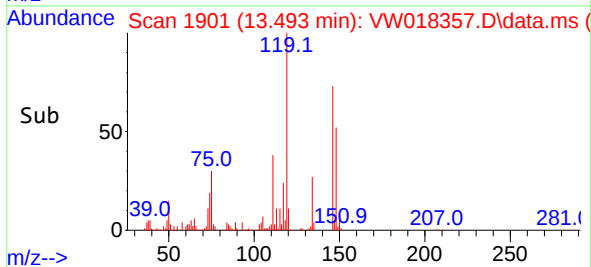
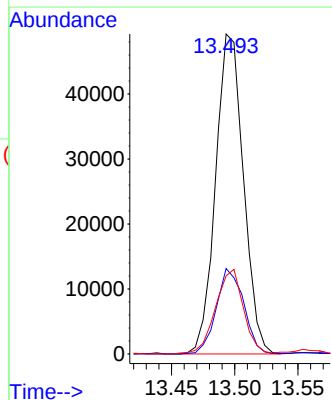
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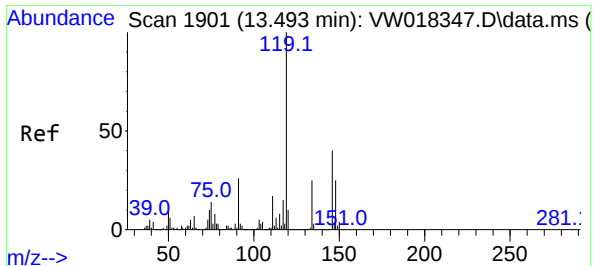


#86
 p-Isopropyltoluene
 Concen: 4.06 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VW018357.D
 Acq: 17 Mar 2021 20:54



Tgt Ion:119 Resp: 75370
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.4 37.4
 91 26.4 13.1 39.1





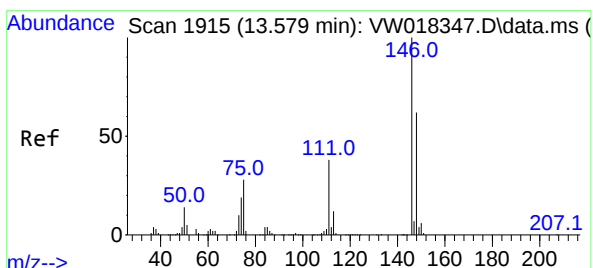
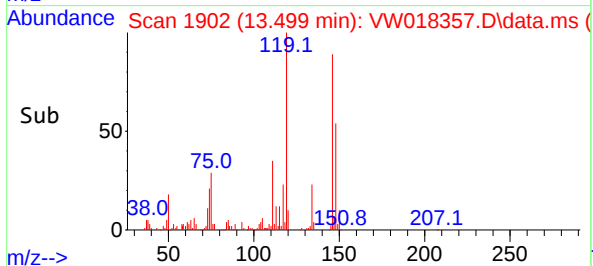
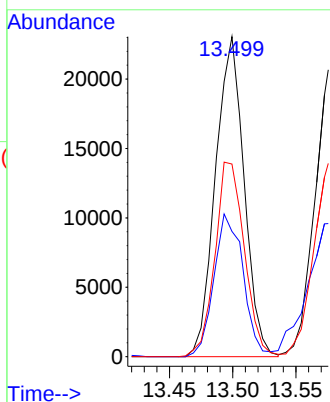
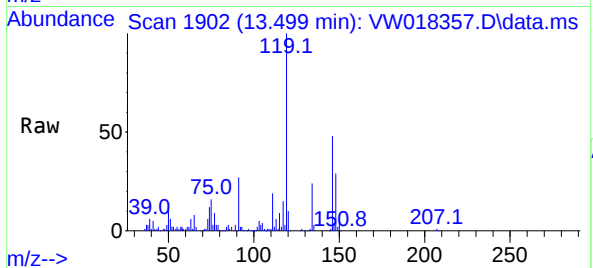
#87
1,3-Dichlorobenzene
Concen: 4.18 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion:146 Resp: 36233
Ion Ratio Lower Upper
146 100
111 45.5 21.8 65.3
148 62.5 32.6 97.7

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

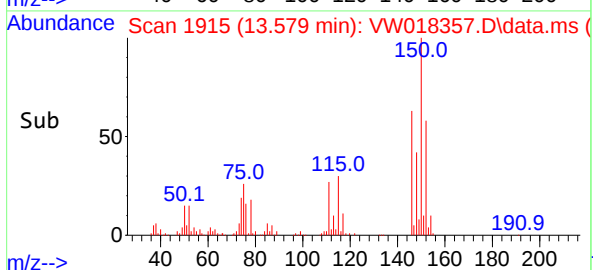
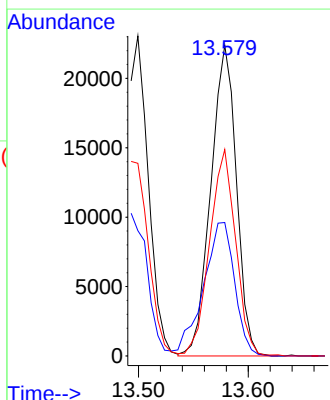
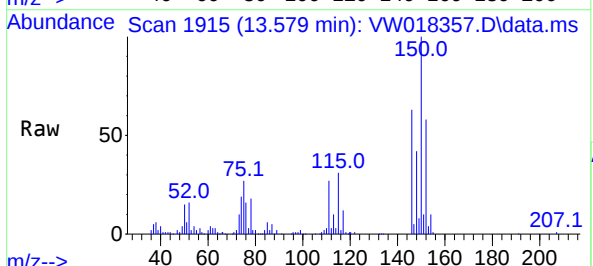
Manual Integrations
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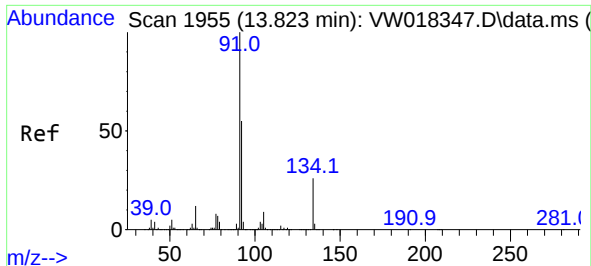
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#88
1,4-Dichlorobenzene
Concen: 4.21 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

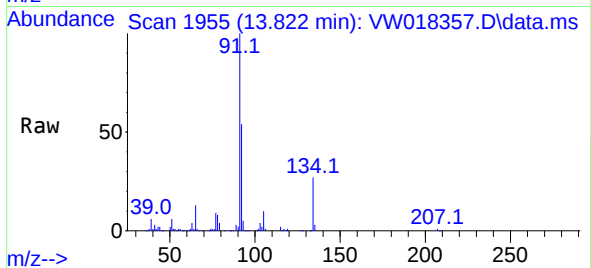
Tgt Ion:146 Resp: 36337
Ion Ratio Lower Upper
146 100
111 52.7 20.3 60.8
148 67.8 31.4 94.0





#89
n-Butylbenzene
Concen: 4.09 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. -0.001 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

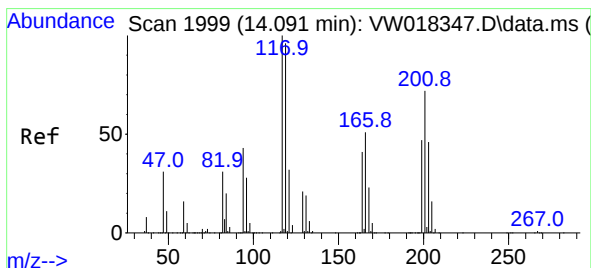
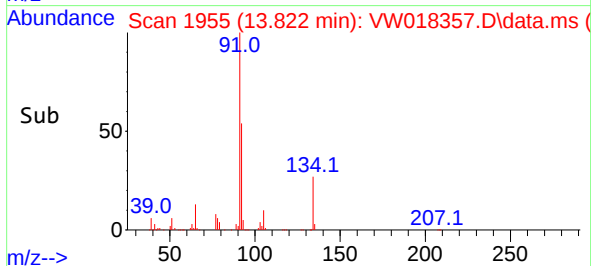
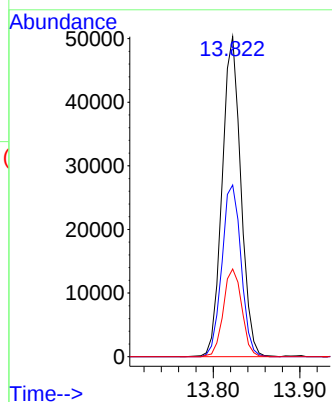
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 91 Resp: 75386
Ion Ratio Lower Upper
91 100
92 55.1 26.6 79.8
134 27.1 12.4 37.4

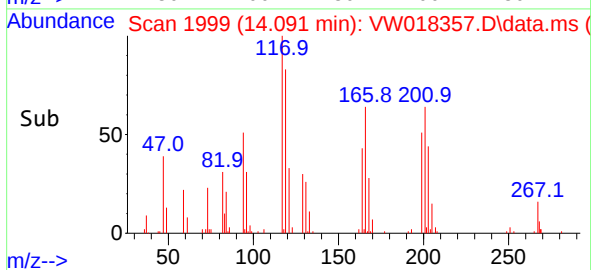
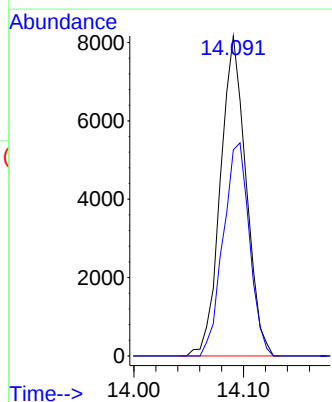
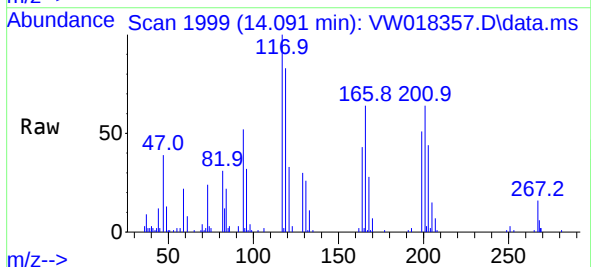
Manual Integrations
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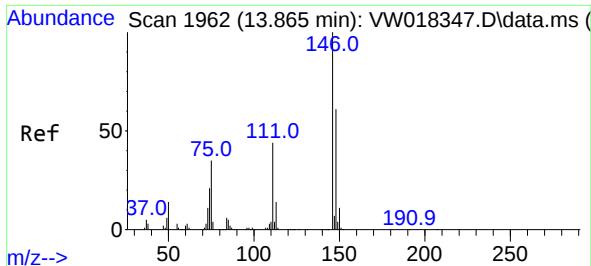
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#90
Hexachloroethane
Concen: 3.88 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion: 117 Resp: 13223
Ion Ratio Lower Upper
117 100
201 68.3 35.4 106.1





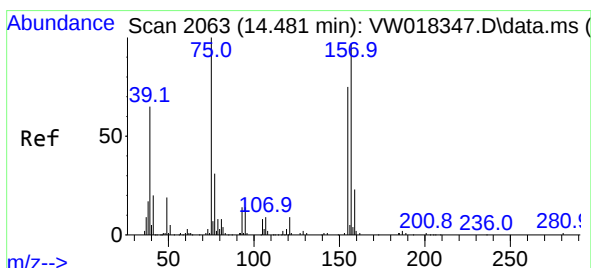
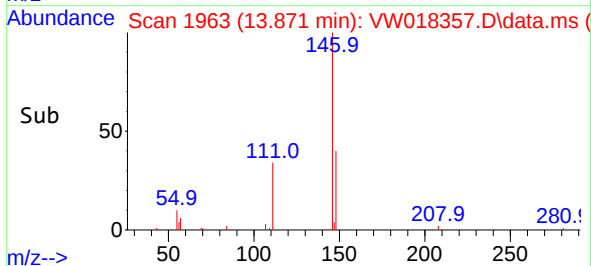
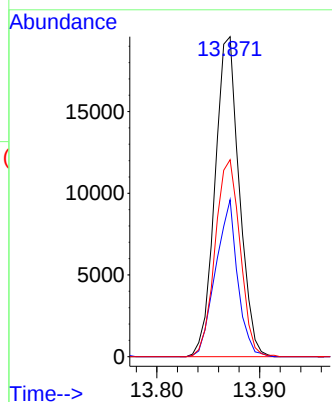
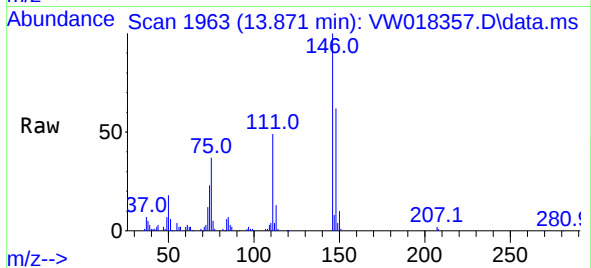
#91
1,2-Dichlorobenzene
Concen: 4.20 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion:	146	Resp:	32089
Ion Ratio	Lower	Upper	
146	100		
111	44.5	22.3	66.9
148	63.4	31.2	93.6

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

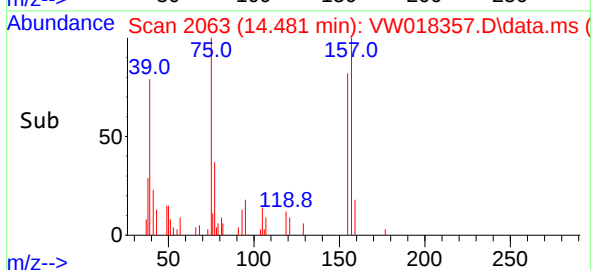
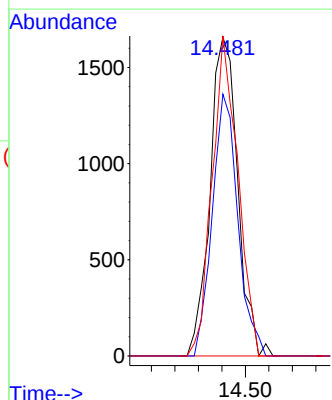
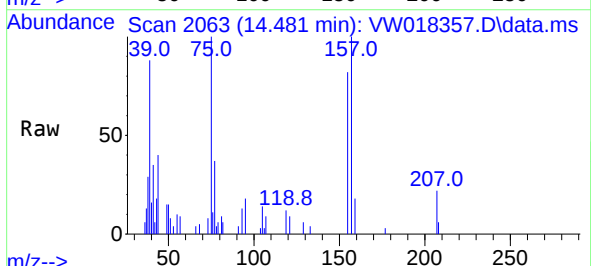
Manual Integrations
APPROVED

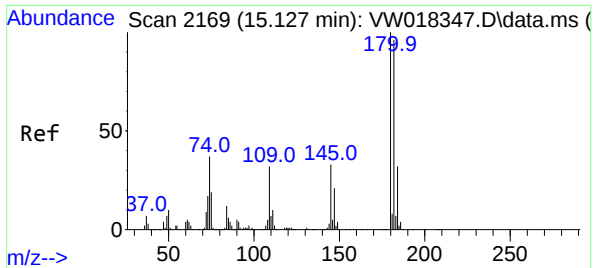
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3/18/2021 4:12:51 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.46 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion:	75	Resp:	2705
Ion Ratio	Lower	Upper	
75	100		
155	75.9	38.0	113.9
157	93.6	49.9	149.7





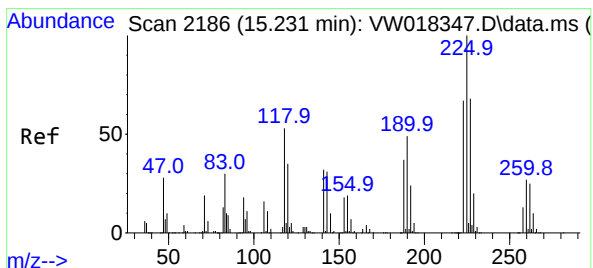
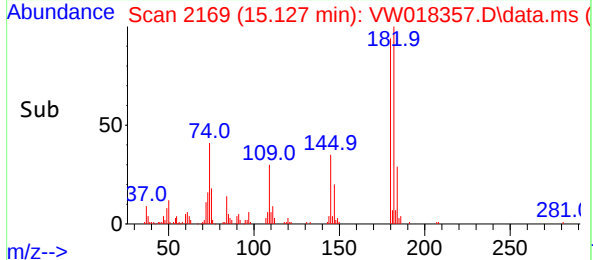
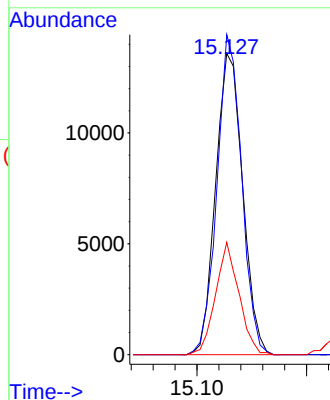
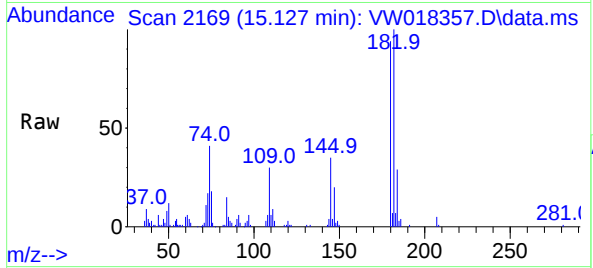
#93
1,2,4-Trichlorobenzene
Concen: 4.30 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion:	180	Resp:	23220
Ion Ratio	Lower	Upper	
180	100		
182	97.3	50.0	150.0
145	32.4	17.9	53.8

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

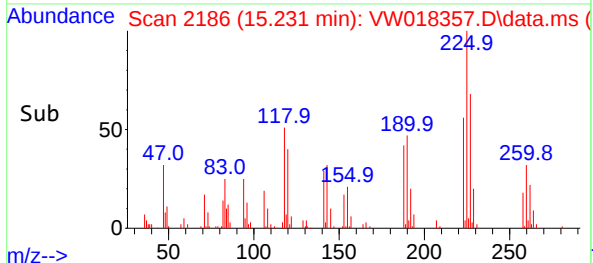
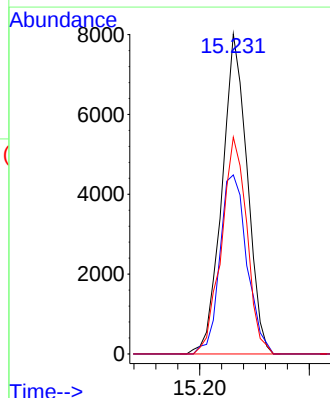
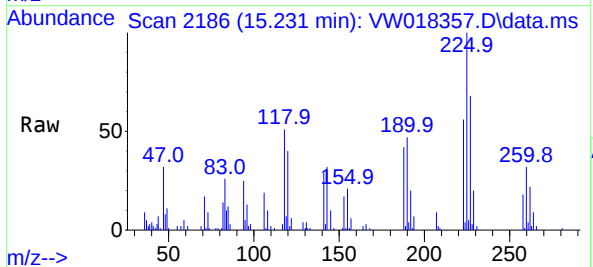
Manual Integrations
APPROVED

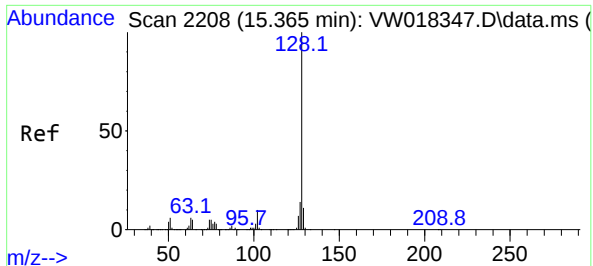
MMDadoda
3/18/2021 4:12:51 PM



#94
Hexachlorobutadiene
Concen: 4.18 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion:	225	Resp:	12780
Ion Ratio	Lower	Upper	
225	100		
223	60.3	27.3	81.8
227	68.2	27.8	83.3





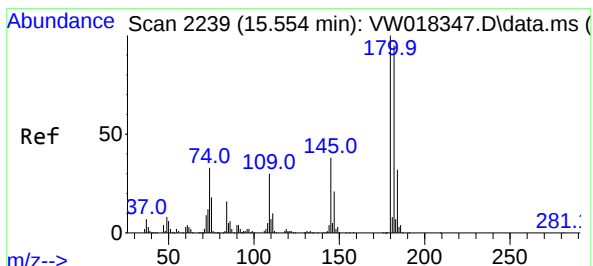
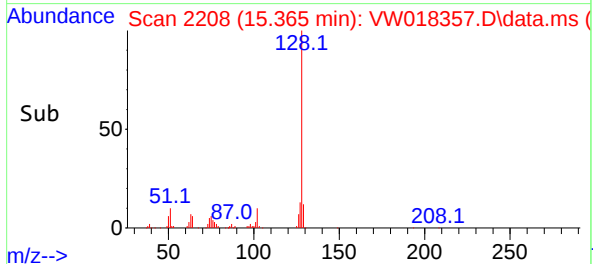
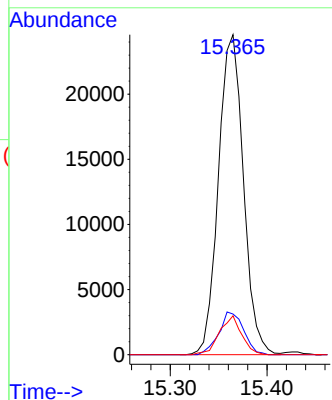
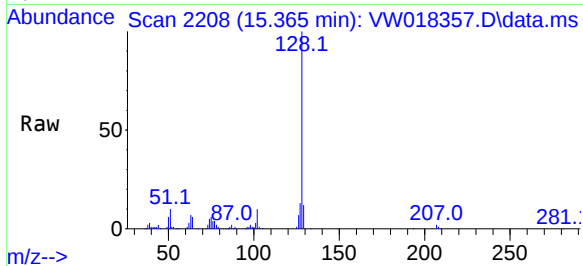
#95
Naphthalene
Concen: 4.42 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion:	128	Resp:	44027
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.9	16.3
129	10.8	8.9	13.3

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

Manual Integrations
APPROVED

MMDadoda
3/18/2021 4:12:51 PM



#96
1,2,3-Trichlorobenzene
Concen: 4.51 ug/l
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW018357.D
Acq: 17 Mar 2021 20:54

Tgt Ion:	180	Resp:	20259
Ion Ratio	Lower	Upper	
180	100		
182	98.8	45.1	135.2
145	34.0	17.8	53.3

