

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031821\
 Data File : VW018365.D
 Acq On : 18 Mar 2021 12:13
 Operator : SY/VA
 Sample : M1458-03
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

Manual Integrations
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Quant Time: Mar 18 18:28:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 18 18:28:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	352530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.836	114	589642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	527594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	254663	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	178922	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
35) Dibromofluoromethane	7.884	113	159004	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
50) Toluene-d8	10.323	98	653206	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
62) 4-Bromofluorobenzene	12.615	95	237870	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	6043	2.41	ug/l	99
3) Chloromethane	2.209	50	11674	3.01	ug/l	98
4) Vinyl Chloride	2.355	62	10768	2.87	ug/l	97
5) Bromomethane	2.782	94	9892	3.23	ug/l	98
6) Chloroethane	2.922	64	8819	3.01	ug/l	94
7) Trichlorofluoromethane	3.245	101	7186	2.47	ug/l	95
8) Diethyl Ether	3.678	74	4682	2.66	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.062	101	9464	2.87	ug/l	90
10) Methyl Iodide	4.269	142	12811	2.65	ug/l	96
12) 1,1-Dichloroethene	4.032	96	9765	2.88	ug/l	95
13) Acrolein	3.916	56	2637	15.07	ug/l #	77
14) Allyl chloride	4.672	41	12418	2.69	ug/l	97
15) Acrylonitrile	5.397	53	8091	11.62	ug/l	94
16) Acetone	4.190	43	9202	16.35	ug/l	89
17) Carbon Disulfide	4.373	76	23146	2.60	ug/l	95
18) Methyl Acetate	4.684	43	3972	2.69	ug/l	89
19) Methyl tert-butyl Ether	5.415	73	12928m	2.54	ug/l	
20) Methylene Chloride	4.909	84	25099	5.87	ug/l	95
21) trans-1,2-Dichloroethene	5.415	96	10607	2.66	ug/l	89
22) Diisopropyl ether	6.312	45	25604	2.70	ug/l #	88
23) Vinyl Acetate	6.257	43	69072	11.77	ug/l	98
24) 1,1-Dichloroethane	6.214	63	18514	2.72	ug/l	96
25) 2-Butanone	7.202	43	15573m	18.68	ug/l	
26) 2,2-Dichloropropane	7.165	77	12255	2.80	ug/l	95
27) cis-1,2-Dichloroethene	7.165	96	11792	2.71	ug/l	93
28) Bromochloromethane	7.507	49	7584	2.85	ug/l	85
29) Tetrahydrofuran	7.555	42	6716	12.41	ug/l #	89
30) Chloroform	7.671	83	19746	2.75	ug/l	96
31) Cyclohexane	7.952	56	25425	3.94	ug/l #	74
32) 1,1,1-Trichloroethane	7.872	97	16098	2.76	ug/l	97
36) 1,1-Dichloropropene	8.073	75	16091	2.76	ug/l	98
37) Ethyl Acetate	7.257	43	6474m	3.18	ug/l	
38) Carbon Tetrachloride	8.061	117	14665	2.69	ug/l #	89
39) Methylcyclohexane	9.335	83	19716	2.67	ug/l	95
40) Benzene	8.323	78	41017	2.63	ug/l	98
41) Methacrylonitrile	7.482	41	2888	2.62	ug/l	96

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Quant Time: Mar 18 18:28:51 2021
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.397	62	12656	2.58	ug/l	95
43) Isopropyl Acetate	8.427	43	9782	2.39	ug/l #	56
44) Trichloroethene	9.085	130	10713	2.55	ug/l	95
45) 1,2-Dichloropropane	9.366	63	9962	2.64	ug/l	93
46) Dibromomethane	9.463	93	5394	2.56	ug/l	96
47) Bromodichloromethane	9.640	83	13945	2.55	ug/l	97
48) Methyl methacrylate	9.445	41	4325	2.23	ug/l #	87
49) 1,4-Dioxane	9.524	88	1517m	49.68	ug/l	
51) 4-Methyl-2-Pentanone	10.207	43	22520	11.28	ug/l	97
52) Toluene	10.390	92	26635	2.59	ug/l	90
53) t-1,3-Dichloropropene	10.610	75	12840	2.30	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	15924	2.50	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	7196	2.53	ug/l	91
56) Ethyl methacrylate	10.646	69	8509	2.30	ug/l #	87
57) 1,3-Dichloropropane	10.933	76	13080	2.58	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	26892	14.31	ug/l	96
59) 2-Hexanone	10.969	43	14772	10.74	ug/l	96
60) Dibromochloromethane	11.128	129	7780	2.22	ug/l	99
61) 1,2-Dibromoethane	11.238	107	7116	2.54	ug/l	97
64) Tetrachloroethene	10.866	164	9492	2.82	ug/l #	77
65) Chlorobenzene	11.658	112	28440	2.67	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.725	131	9869	2.62	ug/l	99
67) Ethyl Benzene	11.731	91	53503	2.65	ug/l	98
68) m/p-Xylenes	11.835	106	41521	5.43	ug/l	99
69) o-Xylene	12.164	106	17760	2.48	ug/l	97
70) Styrene	12.176	104	29770	2.49	ug/l	97
71) Bromoform	12.347	173	3797	1.98	ug/l #	95
73) Isopropylbenzene	12.463	105	53020	2.76	ug/l	99
74) N-amyl acetate	12.274	43	9293	2.46	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.713	83	8436	2.70	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	6567m	2.80	ug/l	
77) Bromobenzene	12.743	156	11706	2.85	ug/l	94
78) n-propylbenzene	12.804	91	63377	2.77	ug/l	100
79) 2-Chlorotoluene	12.890	91	35544	2.71	ug/l	93
80) 1,3,5-Trimethylbenzene	12.938	105	44389	2.68	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.506	75	2489m	2.33	ug/l	
82) 4-Chlorotoluene	12.987	91	39237	2.84	ug/l	97
83) tert-Butylbenzene	13.201	119	37715	2.69	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	45725	2.76	ug/l	99
85) sec-Butylbenzene	13.377	105	54736	2.77	ug/l	99
86) p-Isopropyltoluene	13.493	119	46940	2.64	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	23005	2.78	ug/l	98
88) 1,4-Dichlorobenzene	13.572	146	22949	2.78	ug/l	83
89) n-Butylbenzene	13.822	91	48136	2.73	ug/l	99
90) Hexachloroethane	14.091	117	8456	2.59	ug/l	100
91) 1,2-Dichlorobenzene	13.871	146	20166	2.76	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	1483	2.56	ug/l	91
93) 1,2,4-Trichlorobenzene	15.133	180	14519	2.81	ug/l	97
94) Hexachlorobutadiene	15.237	225	8161	2.79	ug/l	88
95) Naphthalene	15.365	128	26292	2.76	ug/l	98
96) 1,2,3-Trichlorobenzene	15.548	180	12813	2.98	ug/l	94

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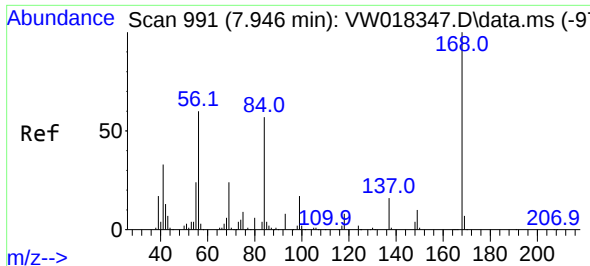
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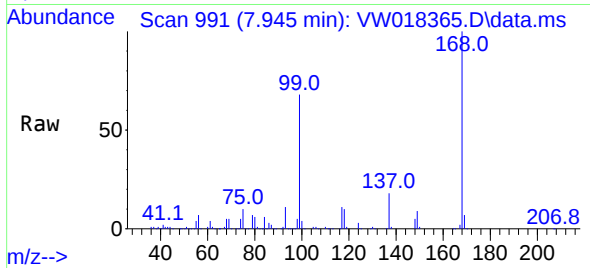
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

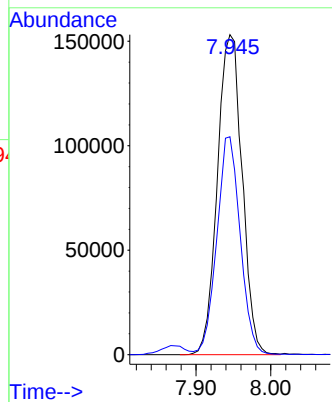
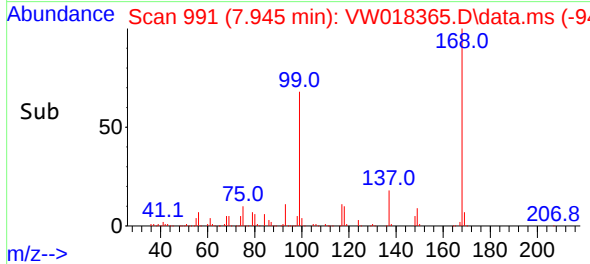
(#) = qualifier out of range (m) = manual integration (+) = signals summed						



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.001 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



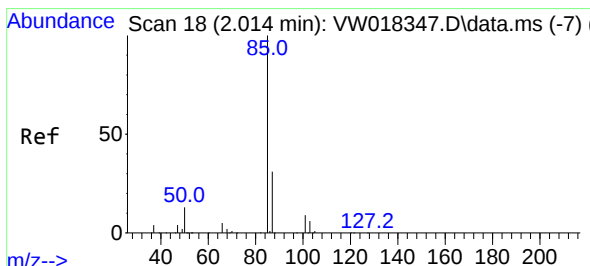
Tgt Ion: 168 Resp: 352530
Ion Ratio Lower Upper
168 100
99 68.0 60.8 91.2



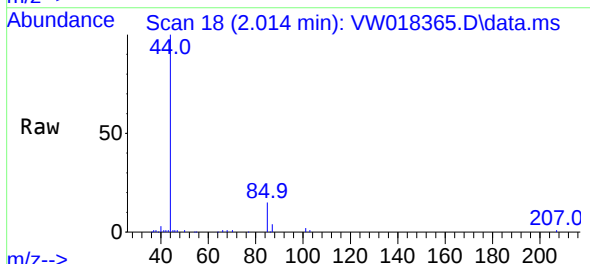
Instrument :
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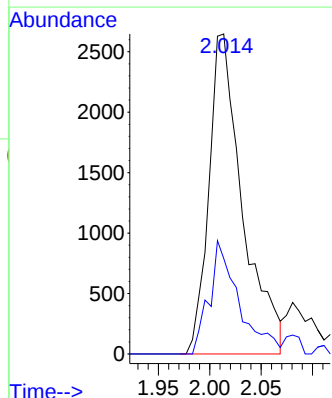
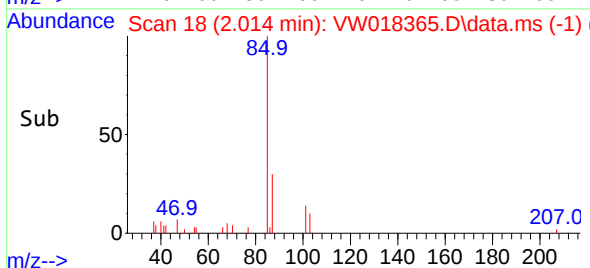
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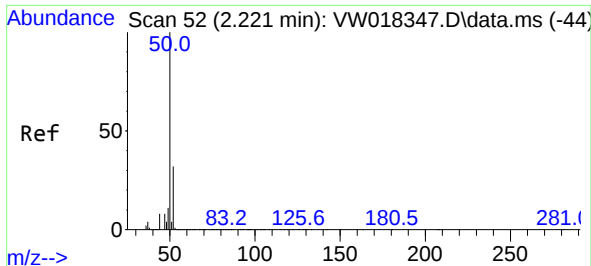


#2
Dichlorodifluoromethane
Concen: 2.41 ug/l
RT: 2.014 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



Tgt Ion: 85 Resp: 6043
Ion Ratio Lower Upper
85 100
87 29.8 15.3 45.9





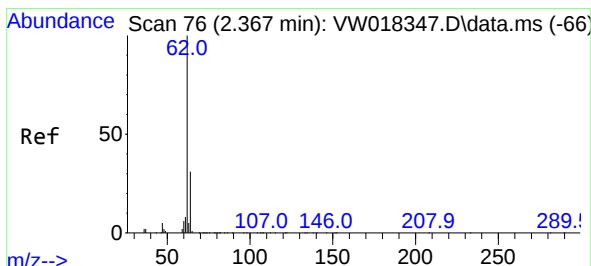
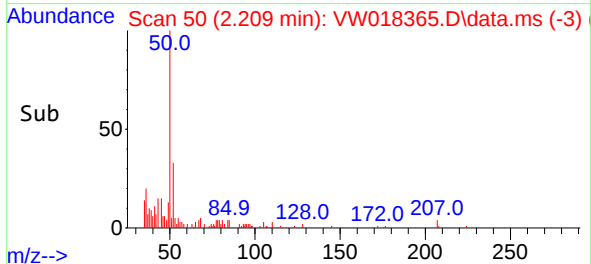
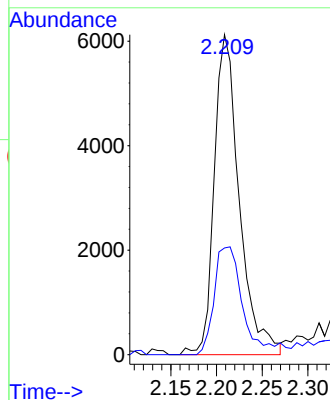
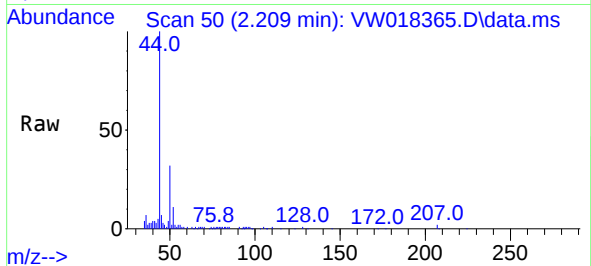
#3
Chloromethane
Concen: 3.01 ug/l
RT: 2.209 min Scan# 50
Delta R.T. -0.012 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion: 50 Resp: 11674
Ion Ratio Lower Upper
50 100
52 33.4 25.8 38.6

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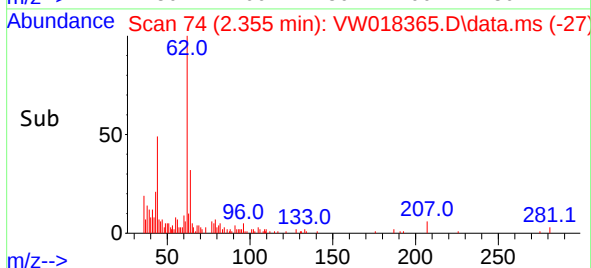
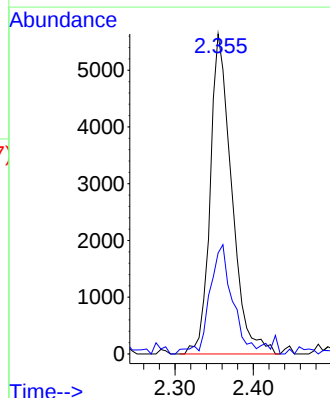
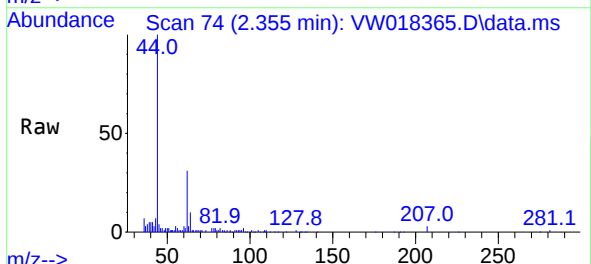
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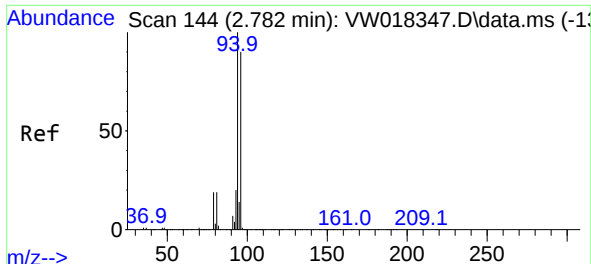
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#4
Vinyl Chloride
Concen: 2.87 ug/l
RT: 2.355 min Scan# 74
Delta R.T. -0.012 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion: 62 Resp: 10768
Ion Ratio Lower Upper
62 100
64 31.5 26.7 40.1





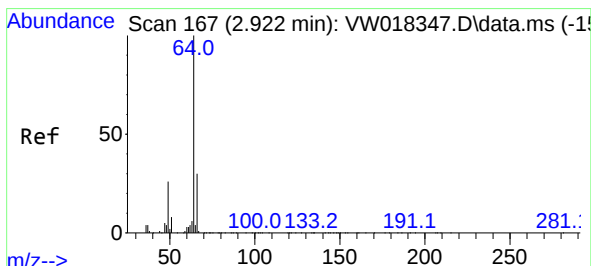
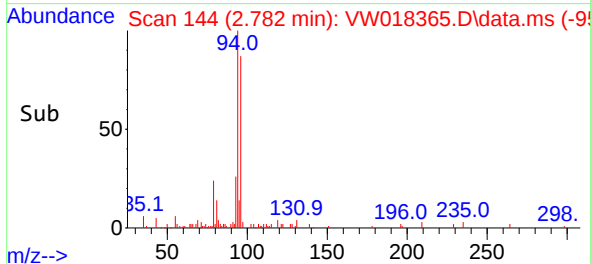
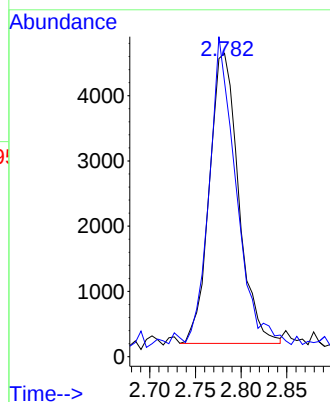
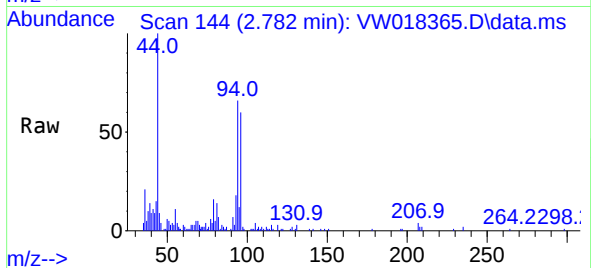
#5
Bromomethane
Concen: 3.23 ug/l
RT: 2.782 min Scan# 144
Delta R.T. -0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion: 94 Resp: 9892
Ion Ratio Lower Upper
94 100
96 88.3 72.3 108.5

Instrument :
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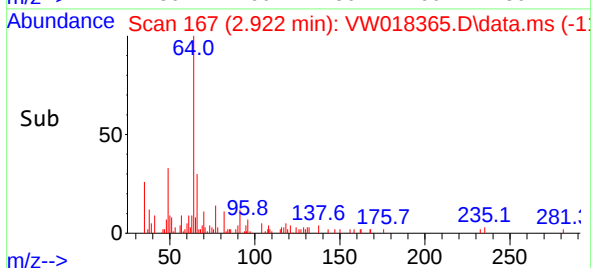
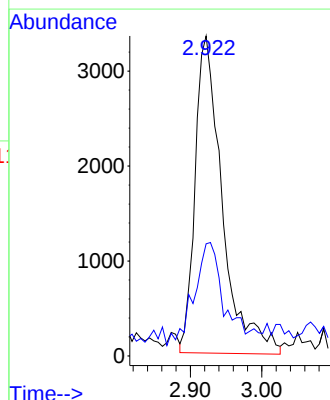
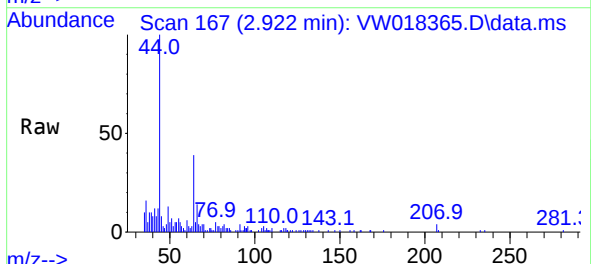
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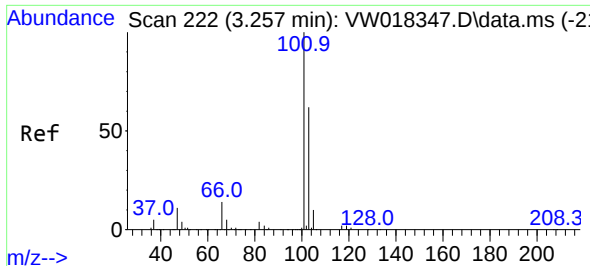
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#6
Chloroethane
Concen: 3.01 ug/l
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion: 64 Resp: 8819
Ion Ratio Lower Upper
64 100
66 27.3 24.5 36.7





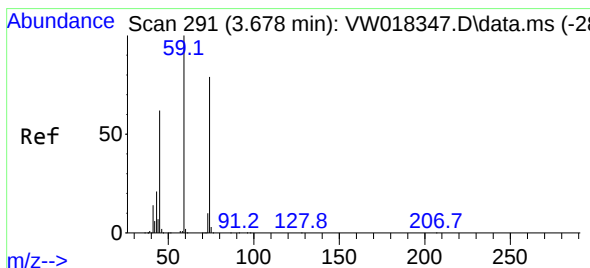
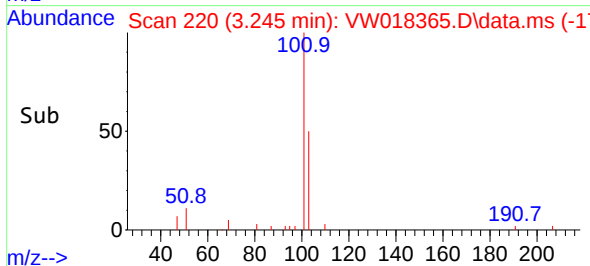
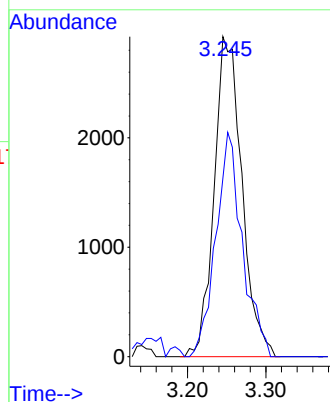
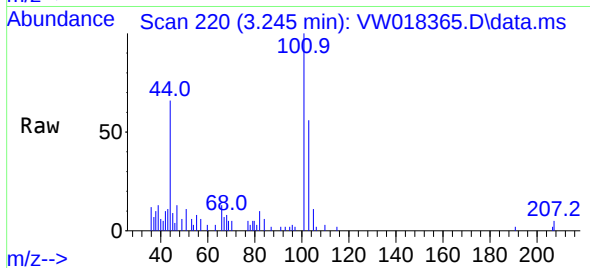
#7
Trichlorofluoromethane
Concen: 2.47 ug/l
RT: 3.245 min Scan# 220
Delta R.T. -0.012 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion: 101 Resp: 7186
Ion Ratio Lower Upper
101 100
103 55.8 47.6 71.4

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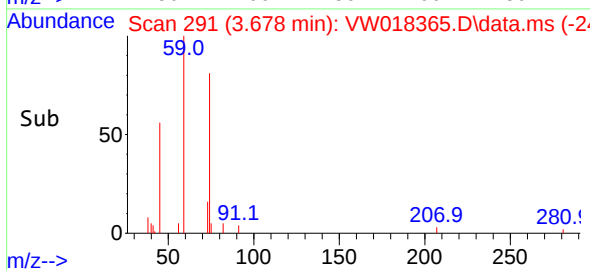
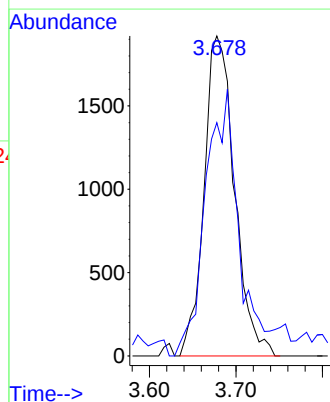
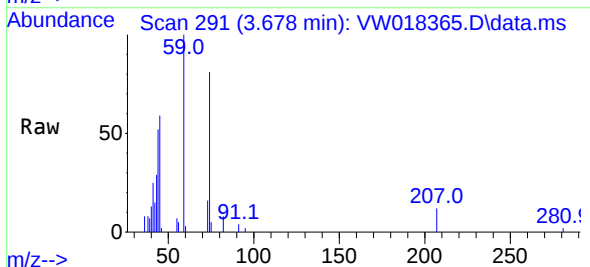
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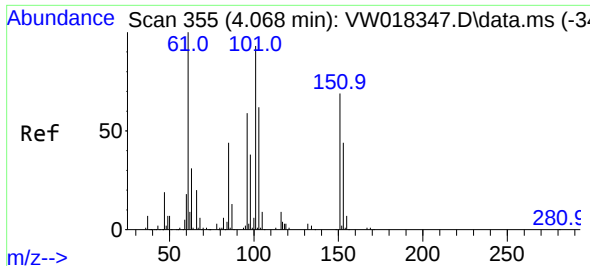
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#8
Diethyl Ether
Concen: 2.66 ug/l
RT: 3.678 min Scan# 291
Delta R.T. -0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

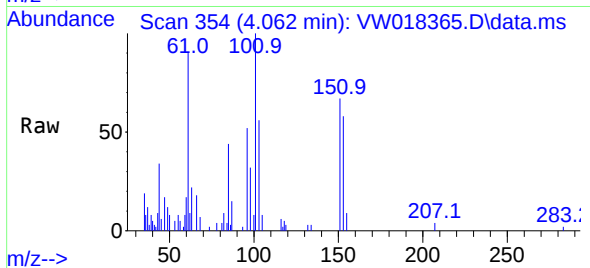
Tgt Ion: 74 Resp: 4682
Ion Ratio Lower Upper
74 100
45 89.9 38.4 115.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.87 ug/l
RT: 4.062 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW018365.D
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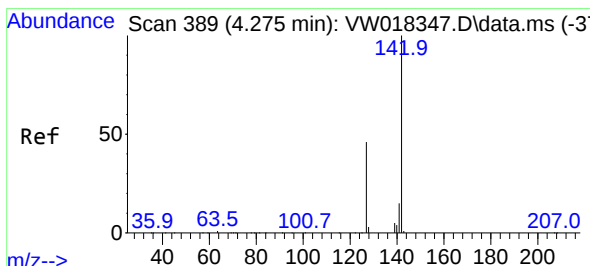
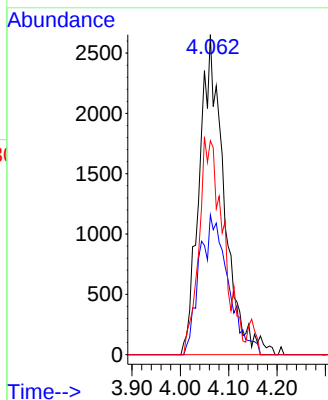
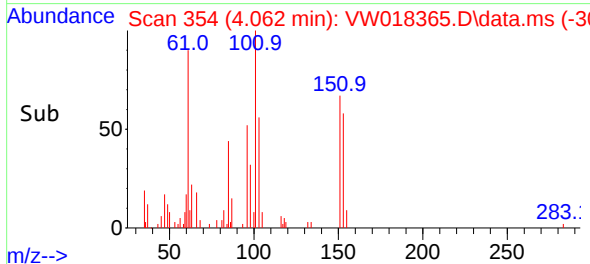
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ClientSampleId :
MDL-SOIL-03-QT1-2021



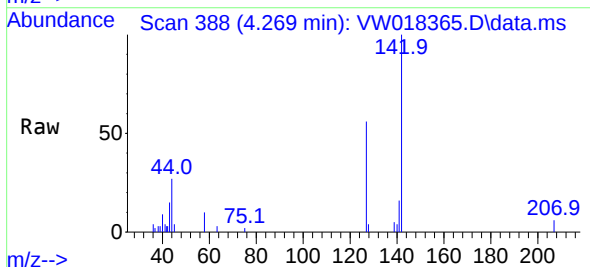
Tgt Ion	Ratio	Lower	Upper
101	100		
85	50.3	36.2	54.4
151	67.0	61.0	91.6

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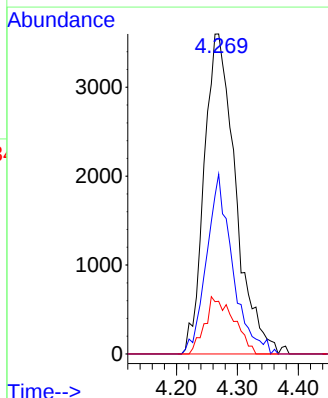
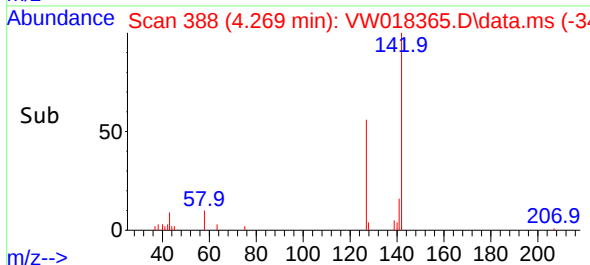
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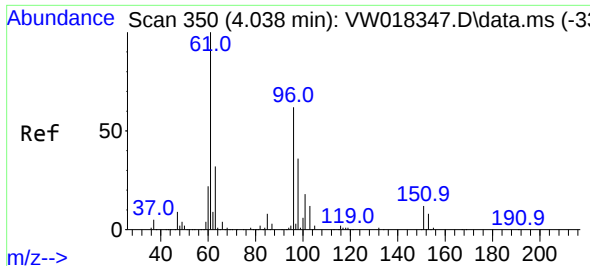


#10
Methyl Iodide
Concen: 2.65 ug/l
RT: 4.269 min Scan# 388
Delta R.T. -0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

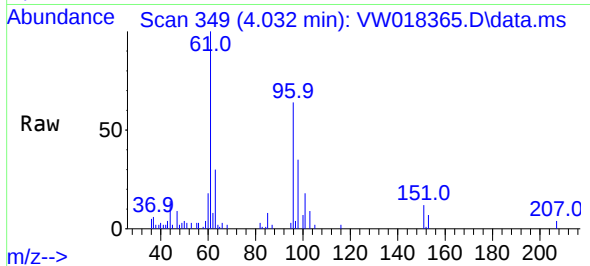


Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.9	39.8	59.6
141	16.6	11.8	17.6

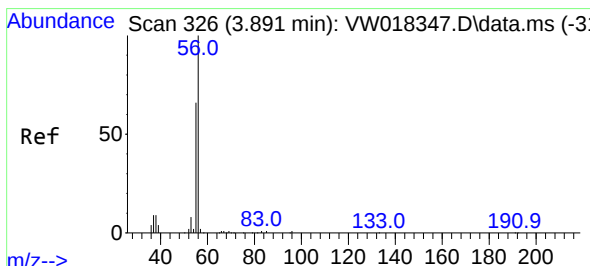
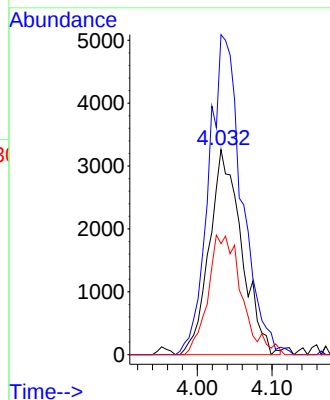
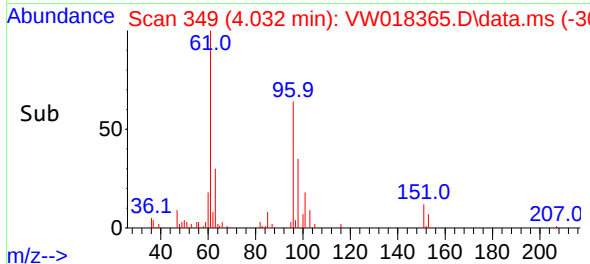




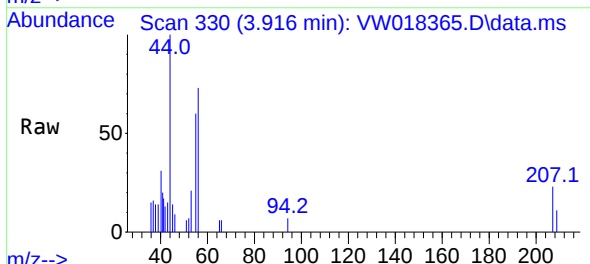
#12
1,1-Dichloroethene
Concen: 2.88 ug/l
RT: 4.032 min Scan# 349
Delta R.T. -0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



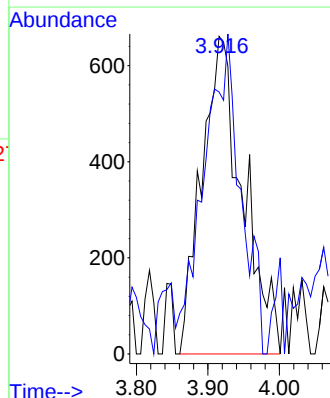
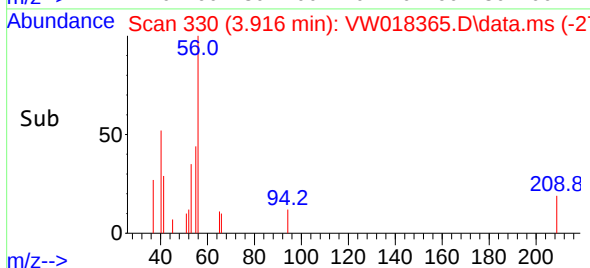
Tgt Ion: 96 Resp: 9765
Ion Ratio Lower Upper
96 100
61 154.5 125.4 188.0
98 54.2 50.6 76.0



#13
Acrolein
Concen: 15.07 ug/l
RT: 3.916 min Scan# 330
Delta R.T. 0.025 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



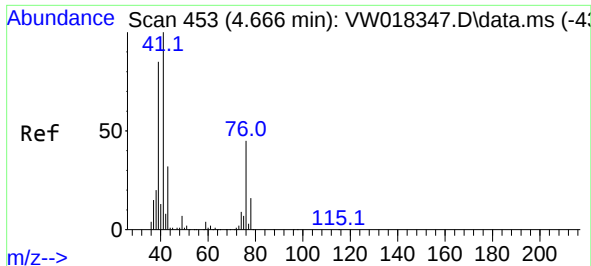
Tgt Ion: 56 Resp: 2637
Ion Ratio Lower Upper
56 100
55 90.0 56.8 85.2#



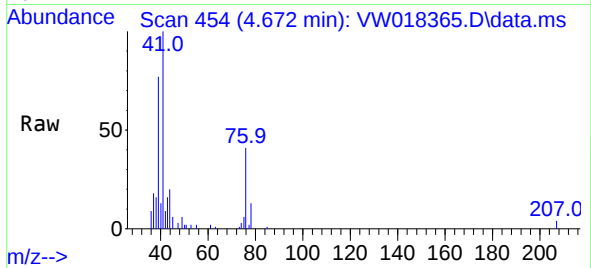
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021

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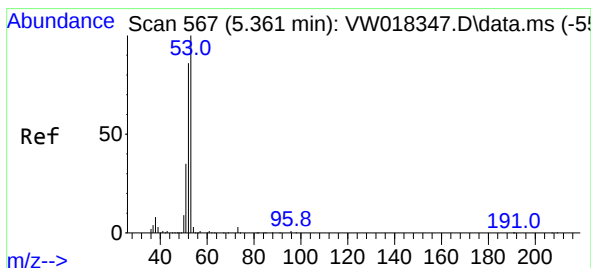
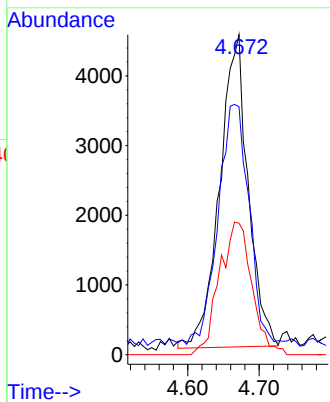
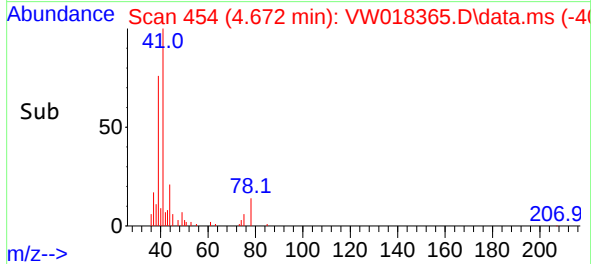


#14
 Allyl chloride
 Concen: 2.69 ug/l
 RT: 4.672 min Scan# 454
 Delta R.T. 0.006 min
 Lab File: VW018365.D
 Acq: 18 Mar 2021 12:13

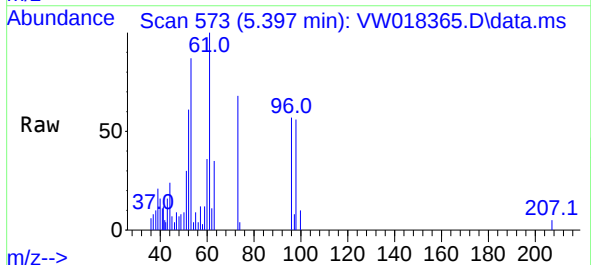


Tgt Ion: 41 Resp: 12418

Ion	Ratio	Lower	Upper
41	100		
39	83.8	64.6	96.8
76	48.2	37.9	56.9

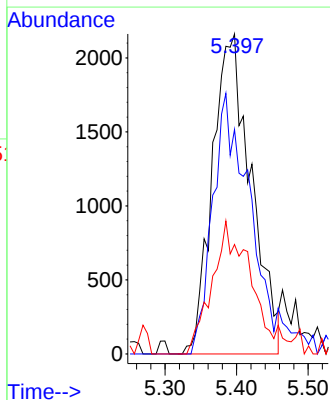
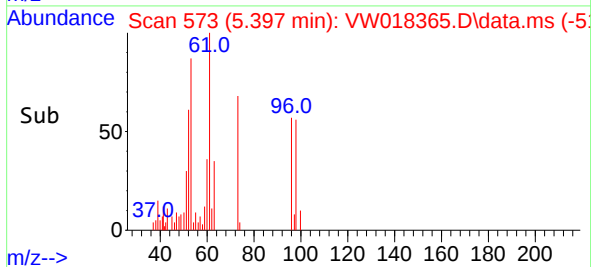


#15
 Acrylonitrile
 Concen: 11.62 ug/l
 RT: 5.397 min Scan# 573
 Delta R.T. 0.036 min
 Lab File: VW018365.D
 Acq: 18 Mar 2021 12:13



Tgt Ion: 53 Resp: 8091

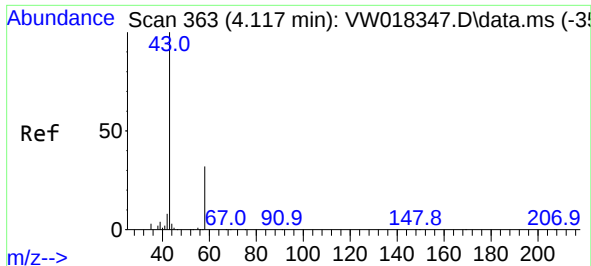
Ion	Ratio	Lower	Upper
53	100		
52	76.4	66.6	99.8
51	40.3	30.5	45.7



Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

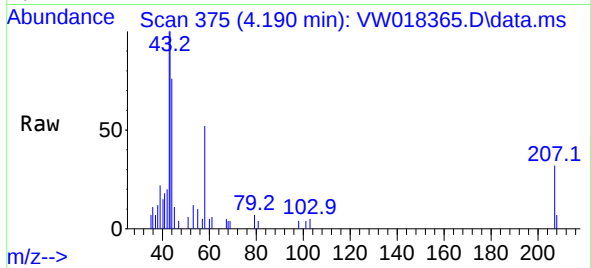
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#16
Acetone
Concen: 16.35 ug/l
RT: 4.190 min Scan# 375
Delta R.T. 0.073 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

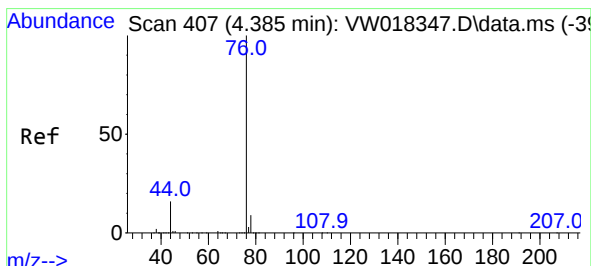
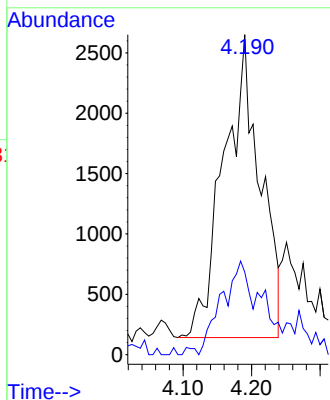
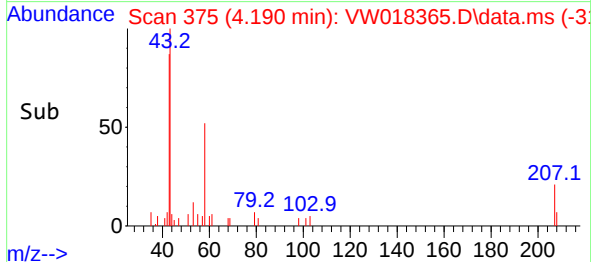
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021



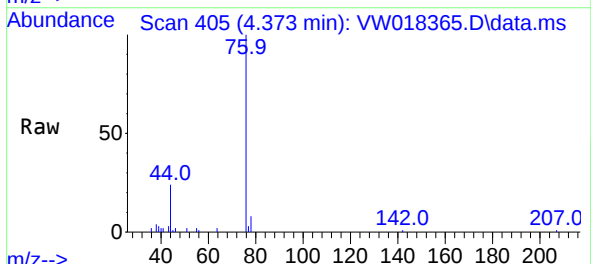
Tgt Ion: 43 Resp: 9202
Ion Ratio Lower Upper
43 100
58 27.3 26.9 40.3

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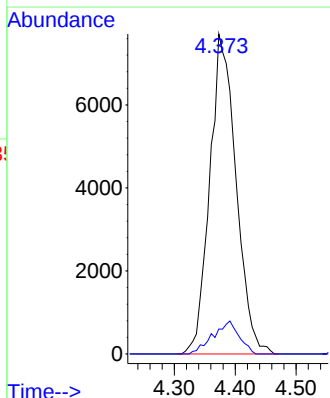
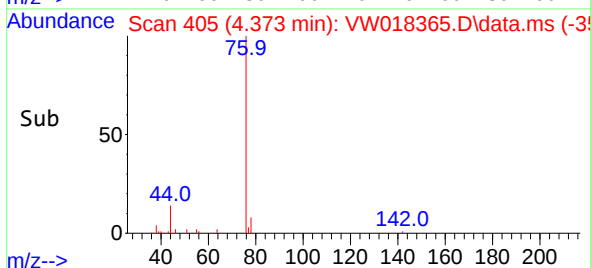
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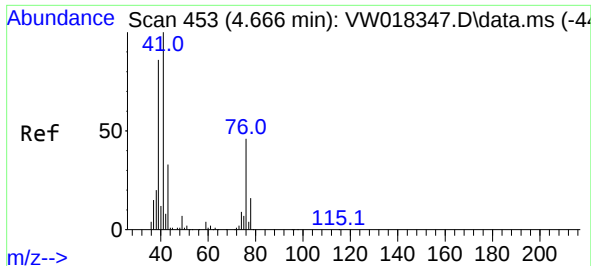


#17
Carbon Disulfide
Concen: 2.60 ug/l
RT: 4.373 min Scan# 405
Delta R.T. -0.012 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

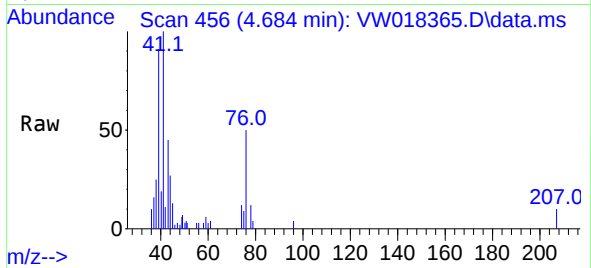


Tgt Ion: 76 Resp: 23146
Ion Ratio Lower Upper
76 100
78 7.8 7.8 11.6

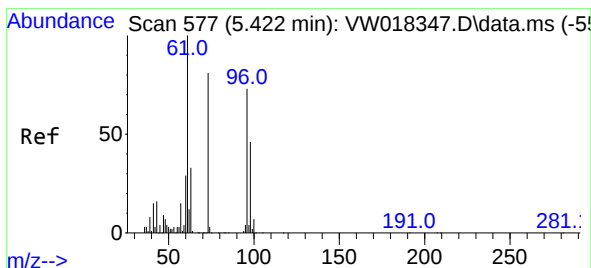
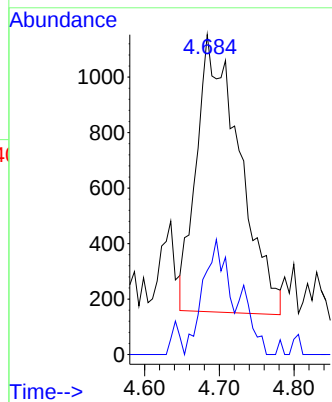
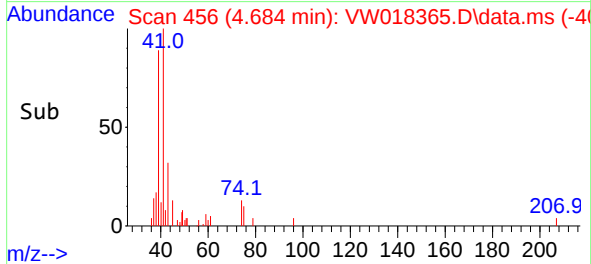




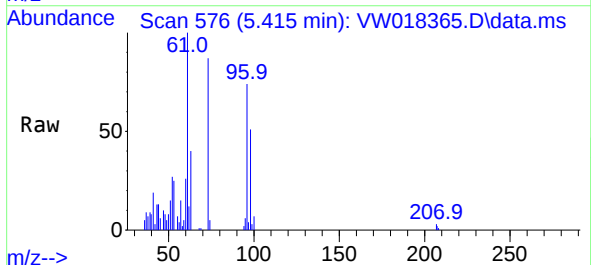
#18
Methyl Acetate
Concen: 2.69 ug/l
RT: 4.684 min Scan# 456
Delta R.T. 0.018 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



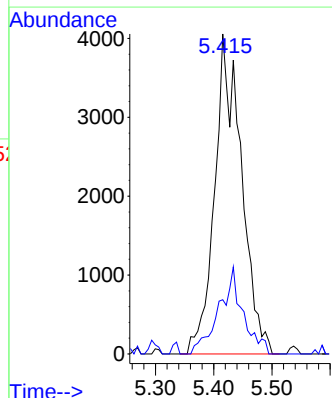
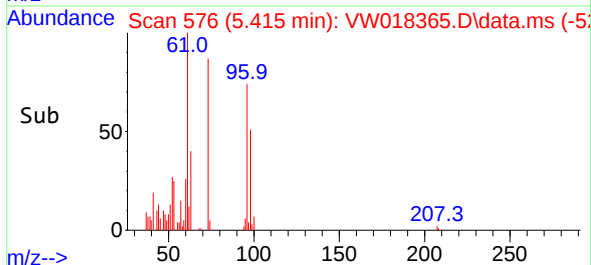
Tgt Ion: 43 Resp: 3972
Ion Ratio Lower Upper
43 100
74 24.0 23.9 35.9



#19
Methyl tert-butyl Ether
Concen: 2.54 ug/l m
RT: 5.415 min Scan# 576
Delta R.T. -0.007 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



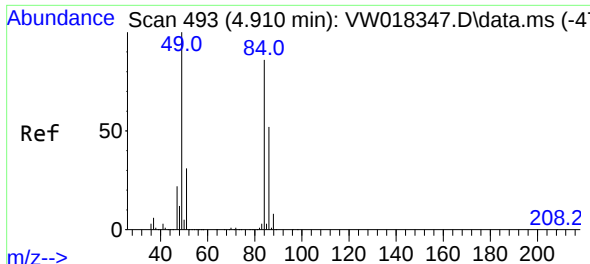
Tgt Ion: 73 Resp: 12928
Ion Ratio Lower Upper
73 100
57 16.9 15.6 23.4



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021

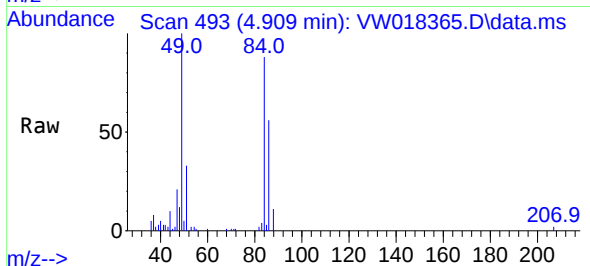
Manual Integrations
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3/19/2021 3:32:45 PM



#20
Methylene Chloride
Concen: 5.87 ug/l
RT: 4.909 min Scan# 493
Delta R.T. -0.001 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

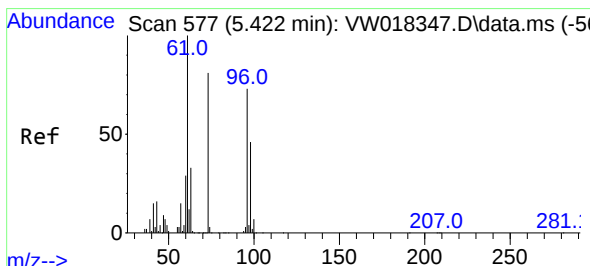
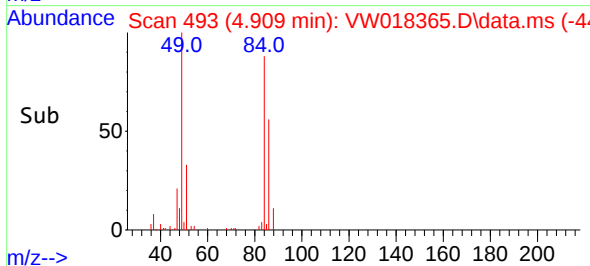
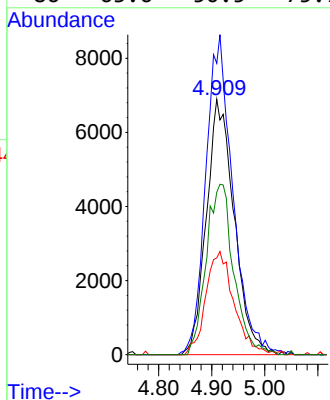
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021



Tgt Ion:	84	Resp:	25099
Ion	Ratio	Lower	Upper
84	100		
49	114.1	85.1	127.7
51	37.9	27.4	41.0
86	63.6	50.5	75.7

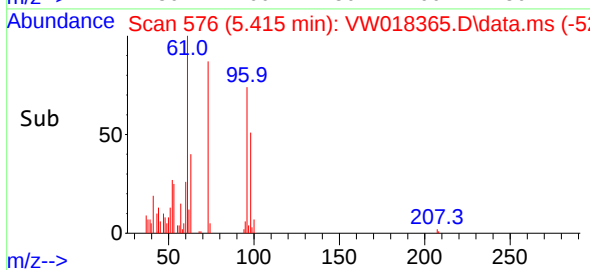
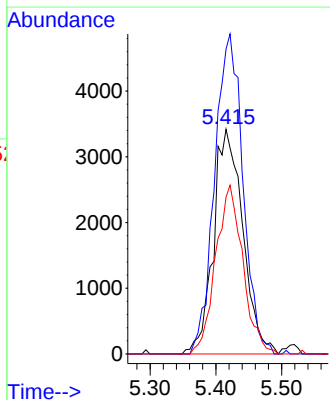
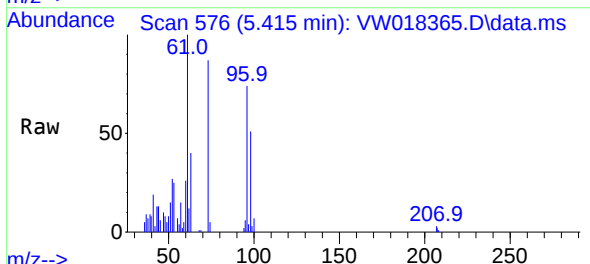
Manual Integrations
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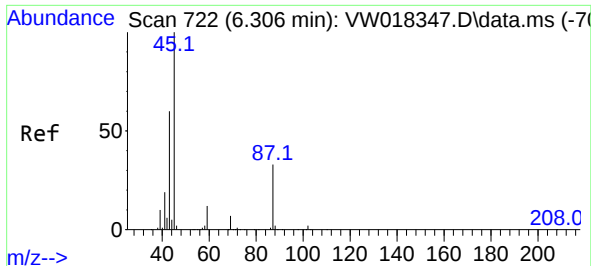
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3/19/2021 3:32:45 PM



#21
trans-1,2-Dichloroethene
Concen: 2.66 ug/l
RT: 5.415 min Scan# 576
Delta R.T. -0.007 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

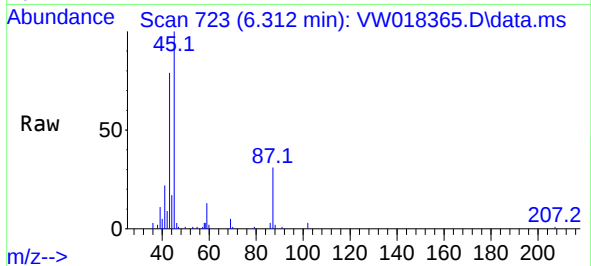
Tgt Ion:	96	Resp:	10607
Ion	Ratio	Lower	Upper
96	100		
61	135.6	99.2	148.8
98	69.8	48.2	72.4





#22
Diisopropyl ether
Concen: 2.70 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

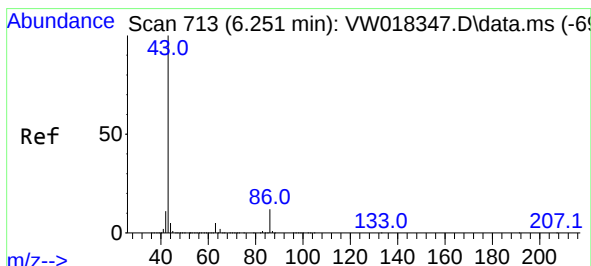
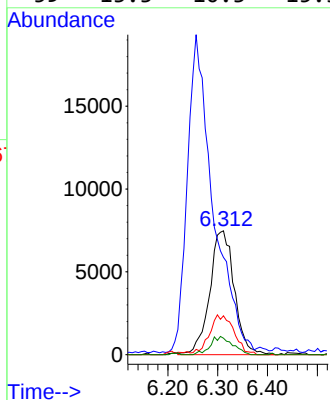
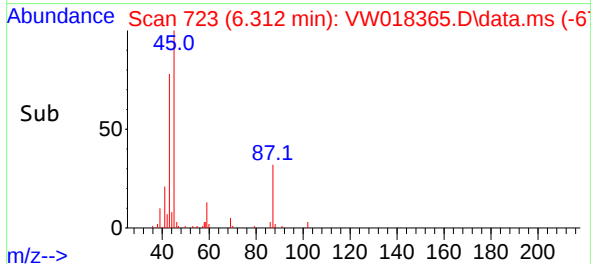
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT1-2021



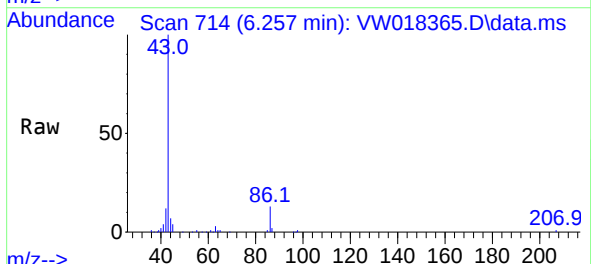
Tgt Ion:	45	Resp:	25604
Ion	Ratio	Lower	Upper
45	100		
43	73.3	47.8	71.8#
87	31.3	27.8	41.8
59	13.3	10.3	15.5

Manual Integrations
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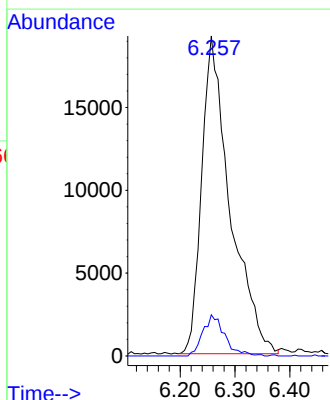
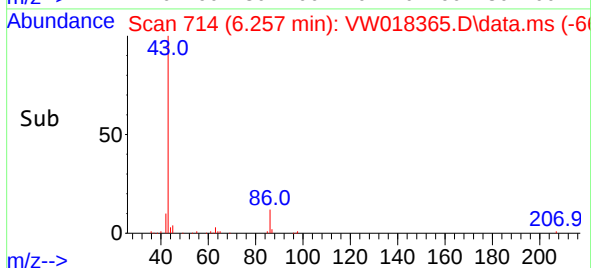
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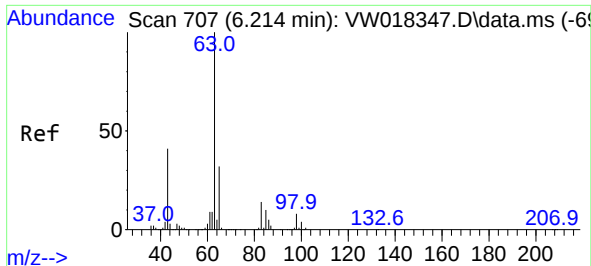


#23
Vinyl Acetate
Concen: 11.77 ug/l
RT: 6.257 min Scan# 714
Delta R.T. 0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



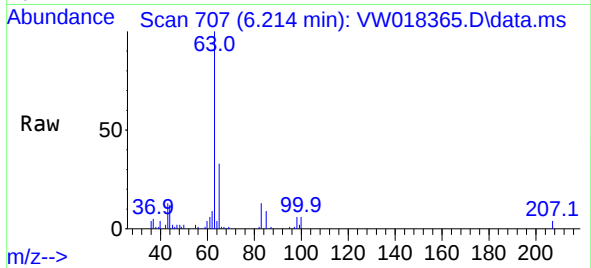
Tgt Ion:	43	Resp:	69072
Ion	Ratio	Lower	Upper
43	100		
86	13.0	11.0	16.6





#24
1,1-Dichloroethane
Concen: 2.72 ug/l
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

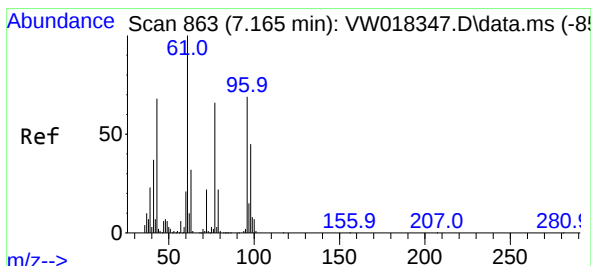
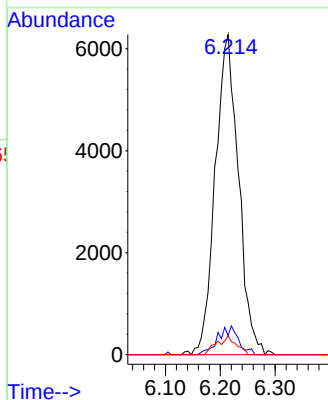
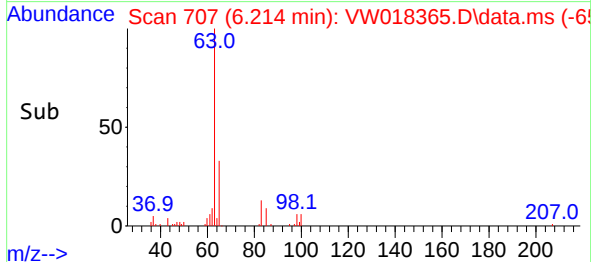
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021



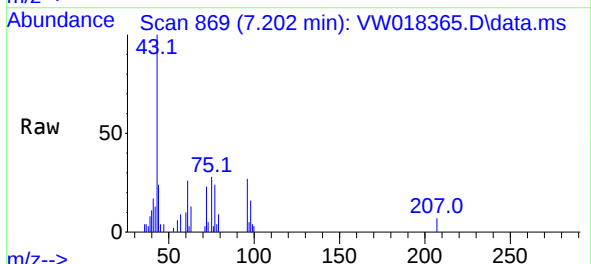
Tgt Ion: 63 Resp: 18514
Ion Ratio Lower Upper
63 100
98 5.9 3.5 10.6
100 5.9 2.2 6.6

Manual Integrations
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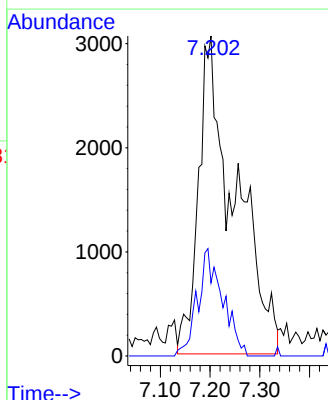
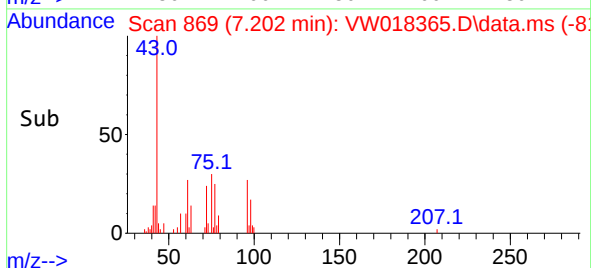
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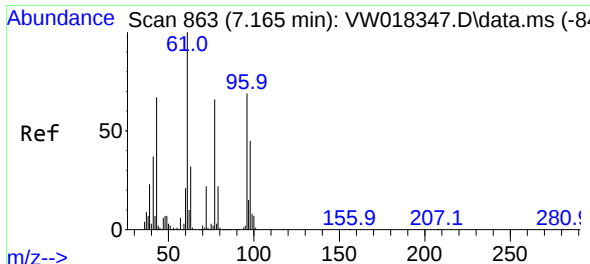


#25
2-Butanone
Concen: 18.68 ug/l m
RT: 7.202 min Scan# 869
Delta R.T. 0.037 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



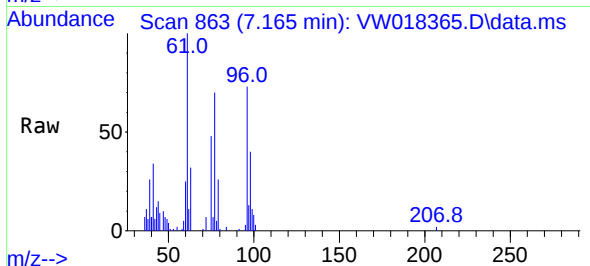
Tgt Ion: 43 Resp: 15573
Ion Ratio Lower Upper
43 100
72 22.8 26.6 39.8#



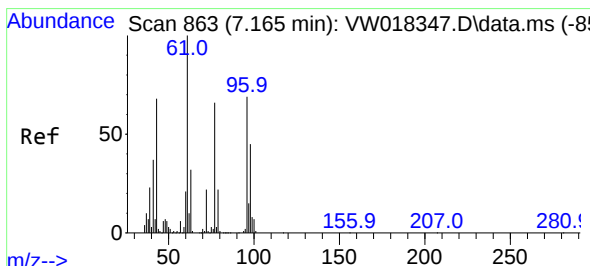
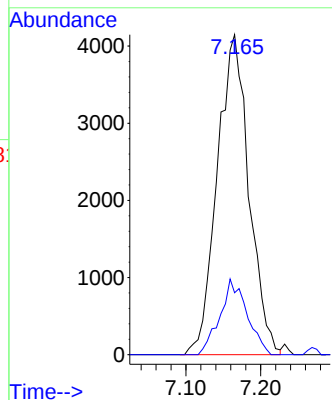
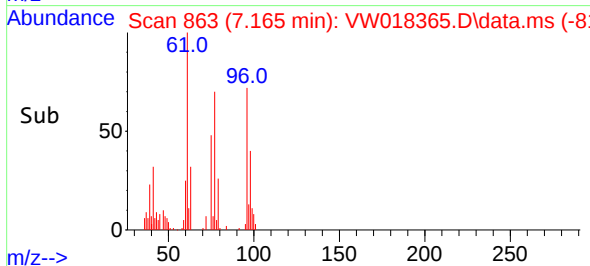


#26
2,2-Dichloropropane
Concen: 2.80 ug/l
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

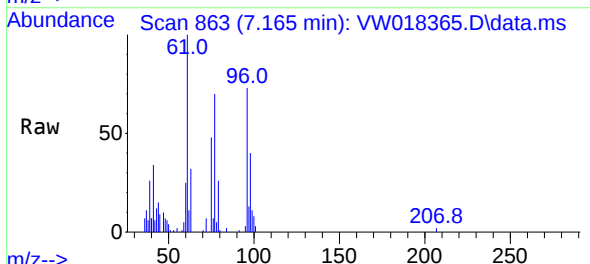
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021



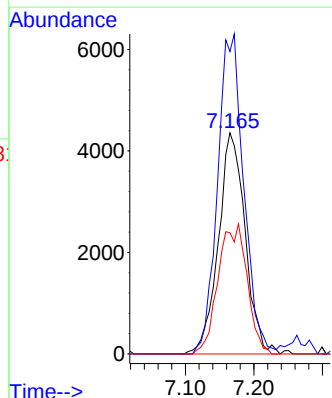
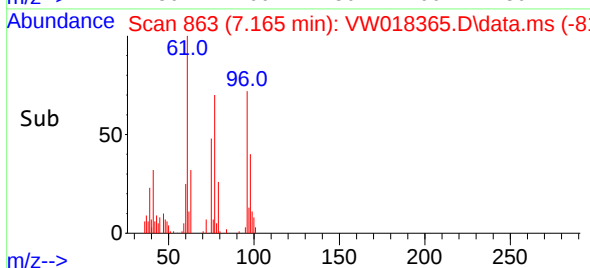
Tgt Ion: 77 Resp: 12255
Ion Ratio Lower Upper
77 100
97 20.2 11.3 33.8

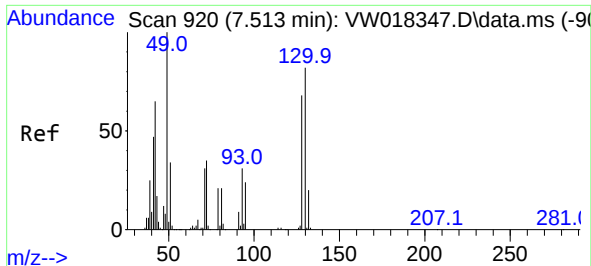


#27
cis-1,2-Dichloroethene
Concen: 2.71 ug/l
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

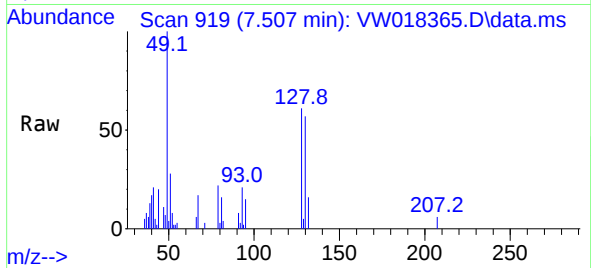


Tgt Ion: 96 Resp: 11792
Ion Ratio Lower Upper
96 100
61 141.4 0.0 261.4
98 63.6 0.0 129.8

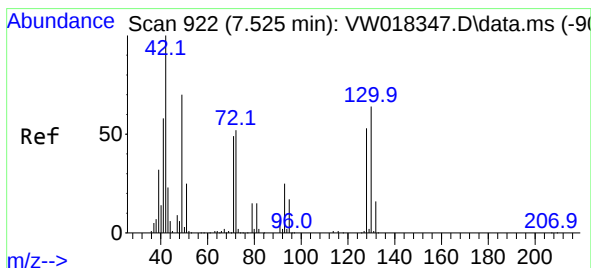
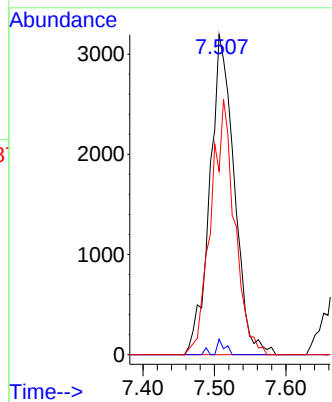
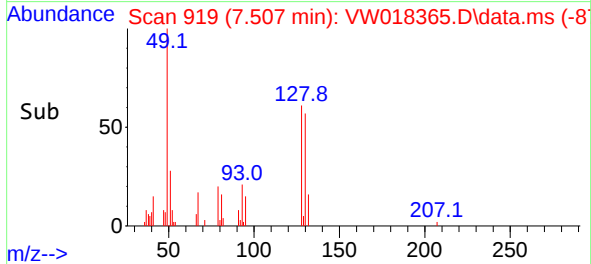




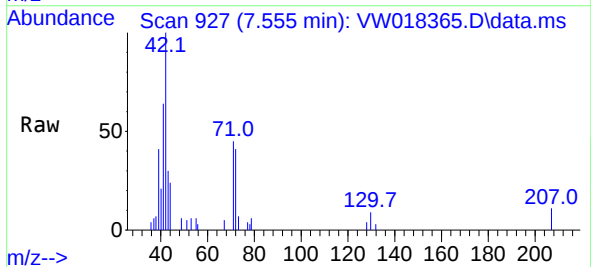
#28
Bromochloromethane
Concen: 2.85 ug/l
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



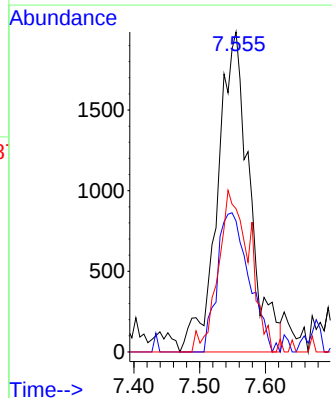
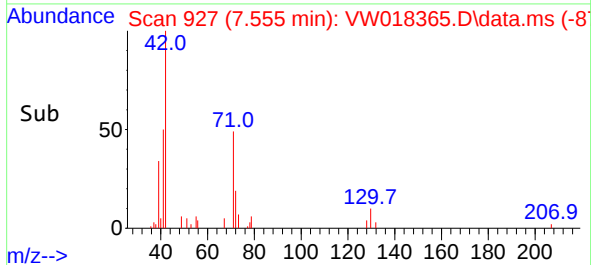
Tgt Ion: 49 Resp: 7584
Ion Ratio Lower Upper
49 100
129 1.5 0.0 5.0
130 77.4 73.9 110.9



#29
Tetrahydrofuran
Concen: 12.41 ug/l
RT: 7.555 min Scan# 927
Delta R.T. 0.030 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



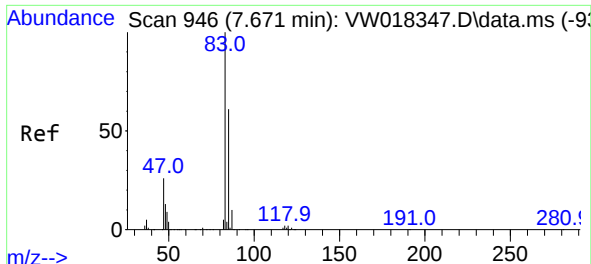
Tgt Ion: 42 Resp: 6716
Ion Ratio Lower Upper
42 100
72 42.8 44.5 66.7#
71 49.3 41.7 62.5



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021

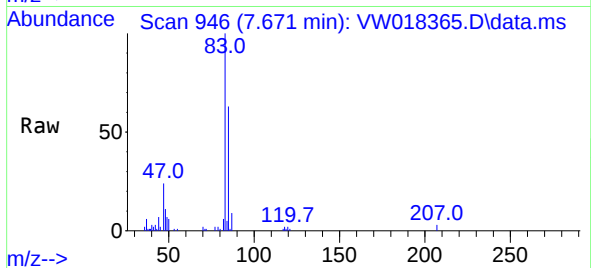
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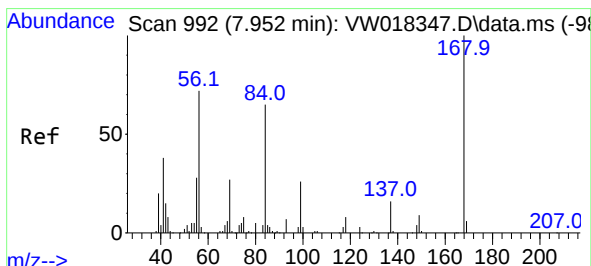
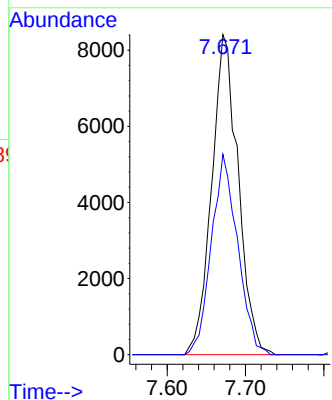
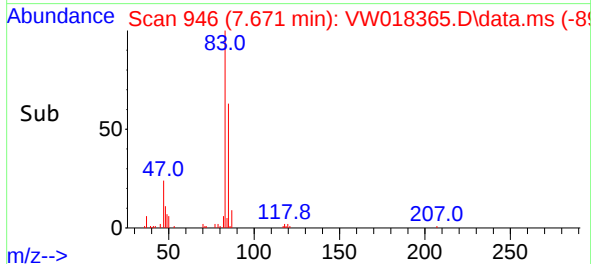


#30
Chloroform
Concen: 2.75 ug/l
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

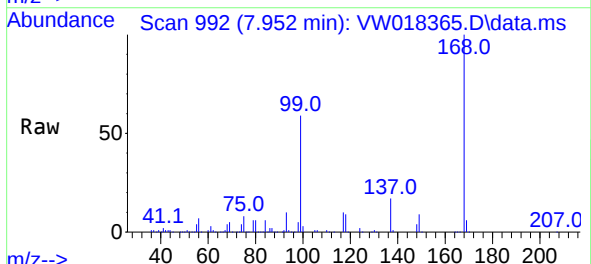
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021



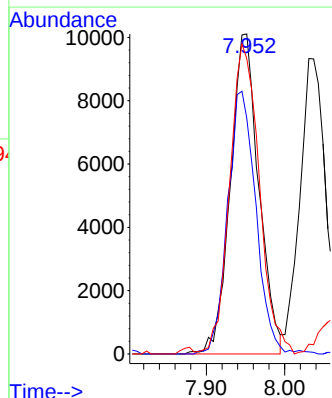
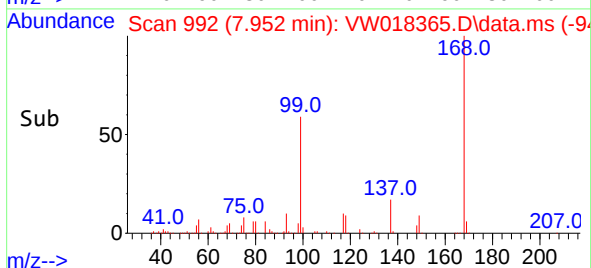
Tgt Ion: 83 Resp: 19746
Ion Ratio Lower Upper
83 100
85 62.6 52.6 78.8

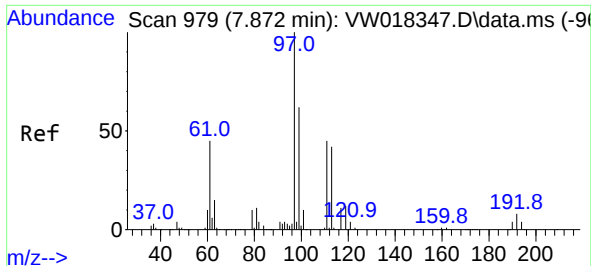


#31
Cyclohexane
Concen: 3.94 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

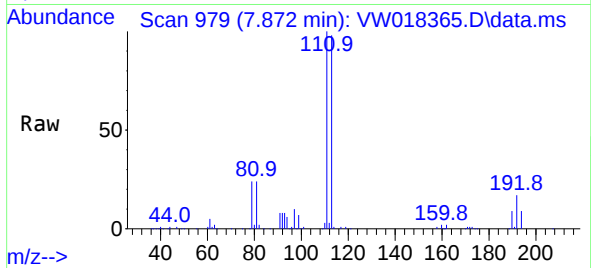


Tgt Ion: 56 Resp: 25425
Ion Ratio Lower Upper
56 100
69 73.7 29.9 44.9#
84 91.3 83.8 125.6



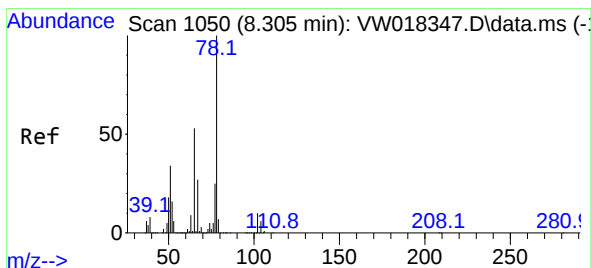
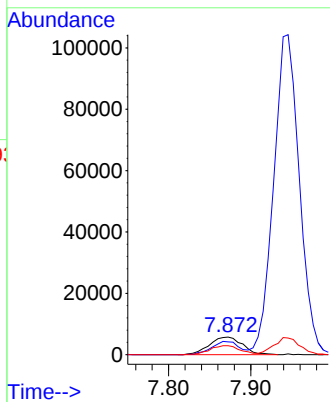
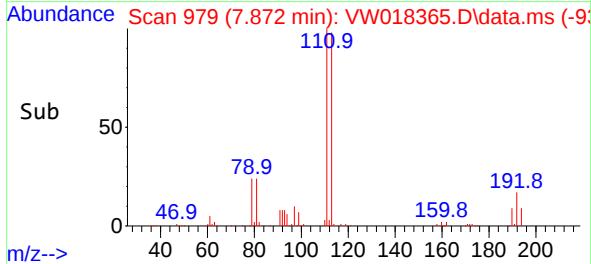


#32
1,1,1-Trichloroethane
Concen: 2.76 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

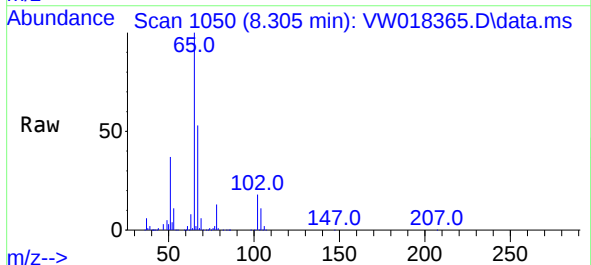


Tgt Ion: 97 Resp: 16098

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.8	77.6
61	47.5	34.6	52.0

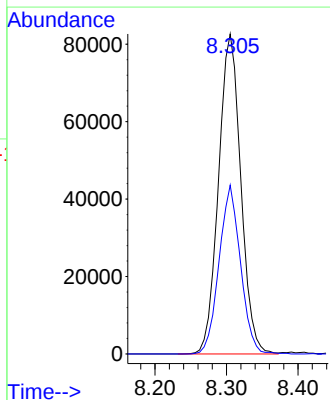
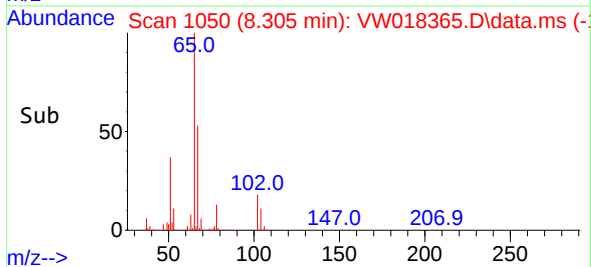


#33
1,2-Dichloroethane-d4
Concen: 47.53 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



Tgt Ion: 65 Resp: 178922

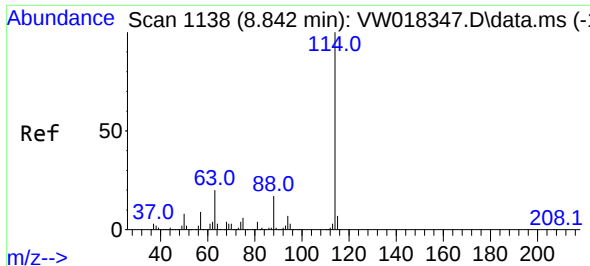
Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	96.6



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021

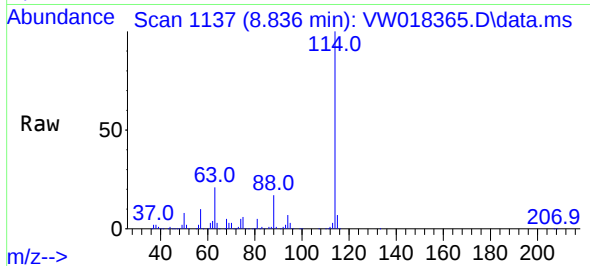
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.836 min Scan# 1137
Delta R.T. -0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

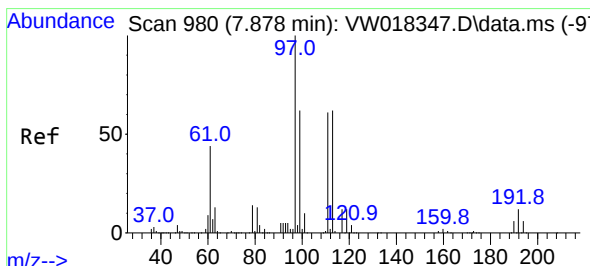
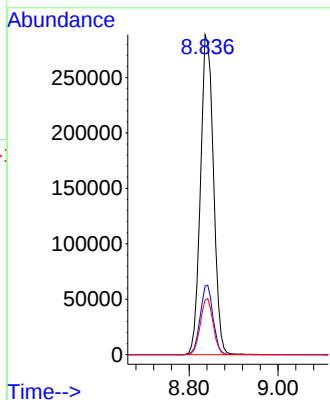
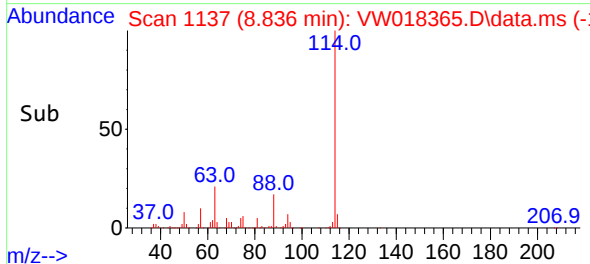
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021



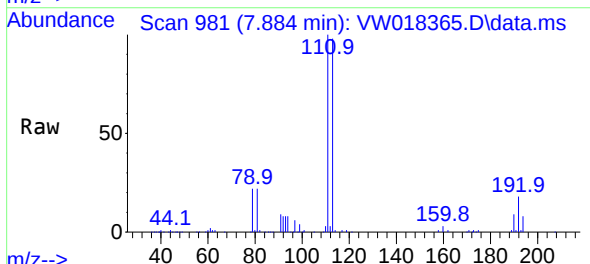
Tgt Ion:114 Resp: 589642
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.4
88 17.1 0.0 32.0

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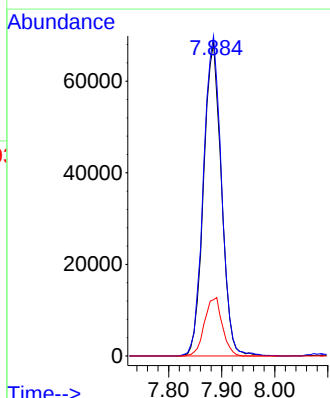
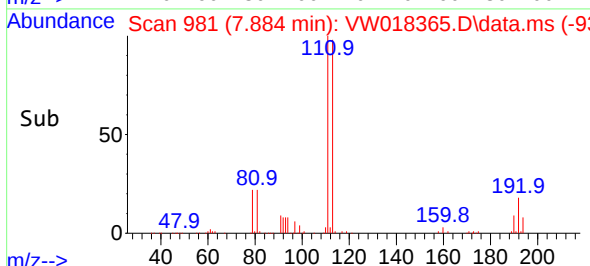
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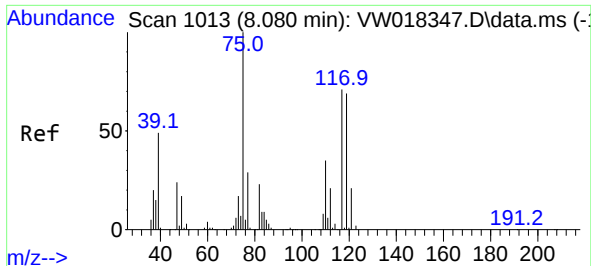


#35
Dibromofluoromethane
Concen: 46.27 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



Tgt Ion:113 Resp: 159004
Ion Ratio Lower Upper
113 100
111 103.8 83.6 125.4
192 18.7 13.8 20.8





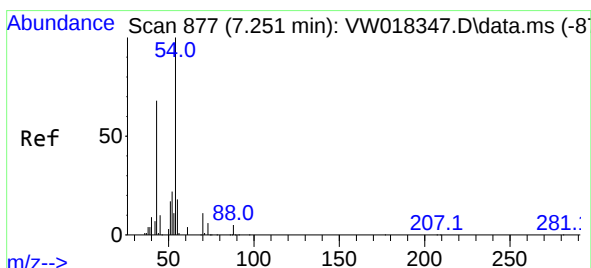
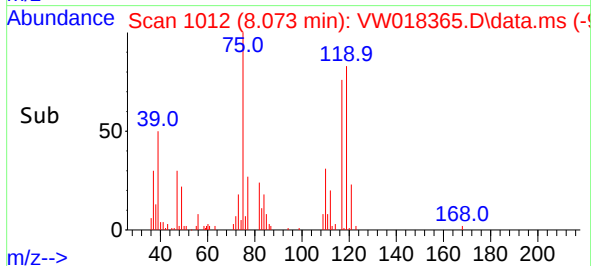
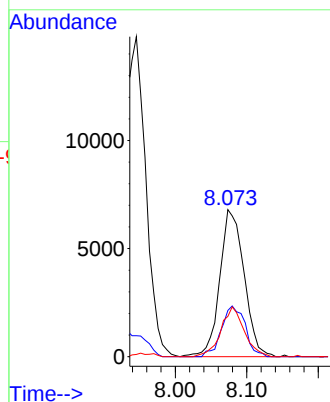
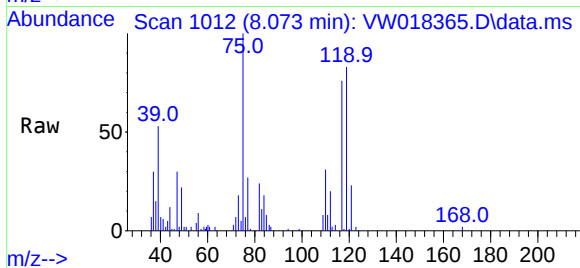
#36
1,1-Dichloropropene
Concen: 2.76 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. -0.007 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion: 75 Resp: 16091
Ion Ratio Lower Upper
75 100
110 33.6 17.2 51.6
77 32.6 24.6 37.0

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021

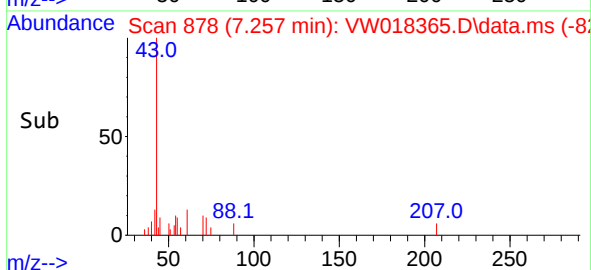
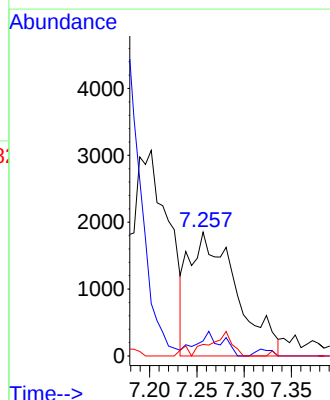
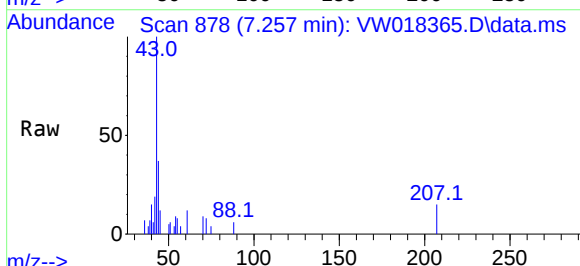
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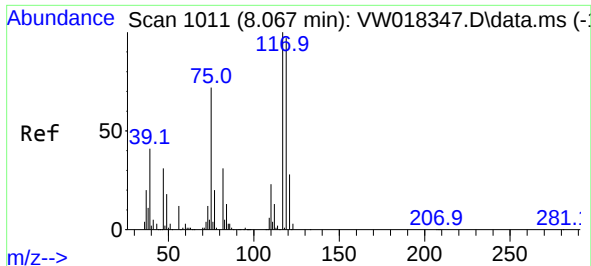
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3/19/2021 3:32:45 PM



#37
Ethyl Acetate
Concen: 3.18 ug/l m
RT: 7.257 min Scan# 878
Delta R.T. 0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

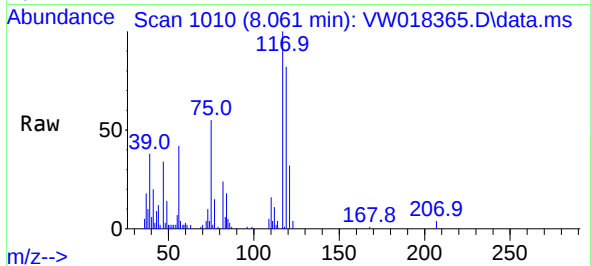
Tgt Ion: 43 Resp: 6474
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 9.8 14.6#





#38
Carbon Tetrachloride
Concen: 2.69 ug/l
RT: 8.061 min Scan# 1010
Delta R.T. -0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

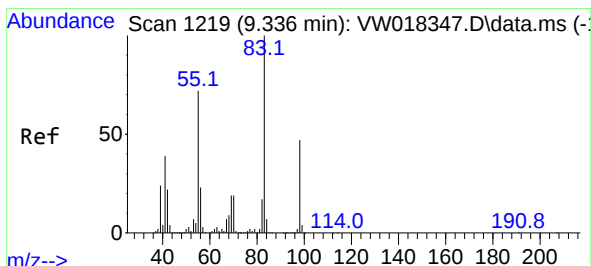
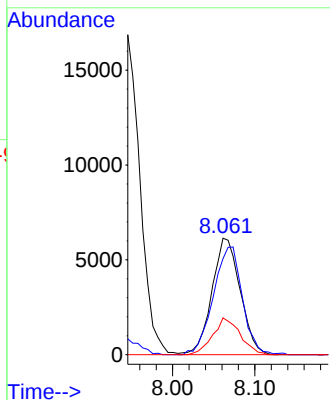
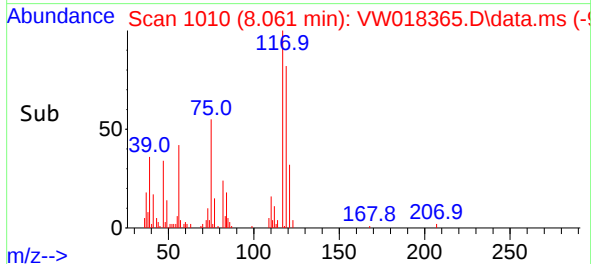
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021



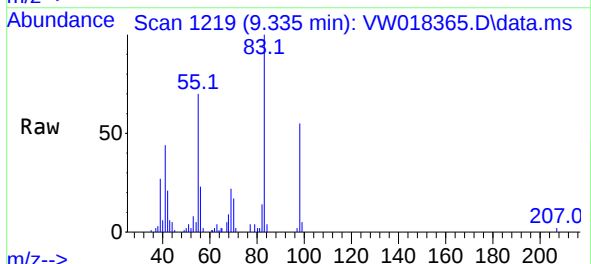
Tgt Ion: 117 Resp: 14665
Ion Ratio Lower Upper
117 100
119 82.4 74.5 111.7
121 31.6 20.3 30.5#

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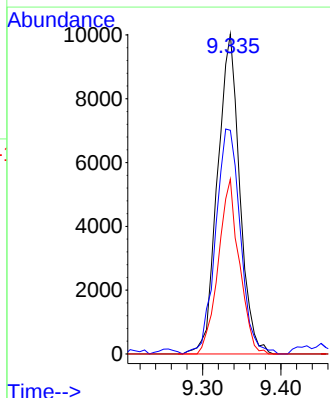
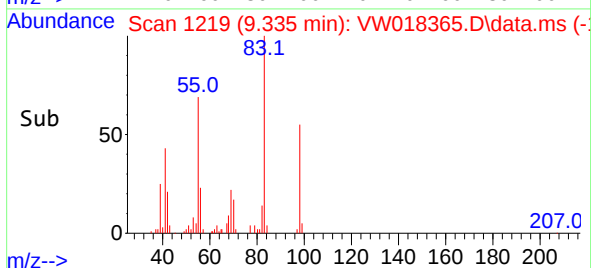
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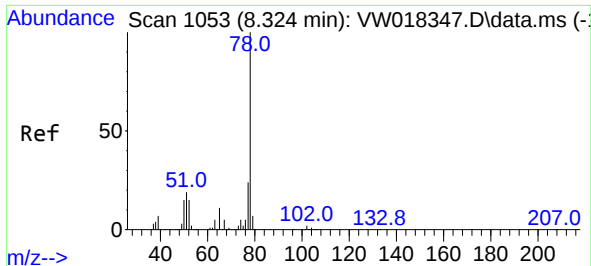


#39
Methylcyclohexane
Concen: 2.67 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.001 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



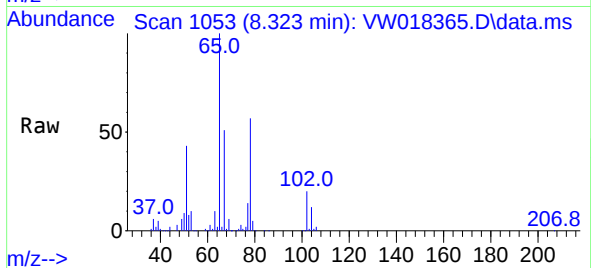
Tgt Ion: 83 Resp: 19716
Ion Ratio Lower Upper
83 100
55 69.9 55.0 82.6
98 54.7 38.6 57.8





#40
Benzene
Concen: 2.63 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.001 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

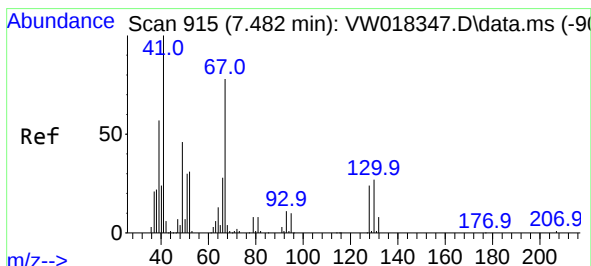
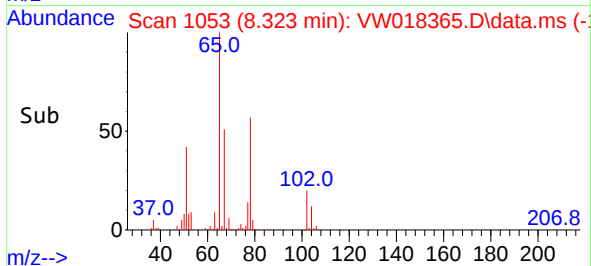
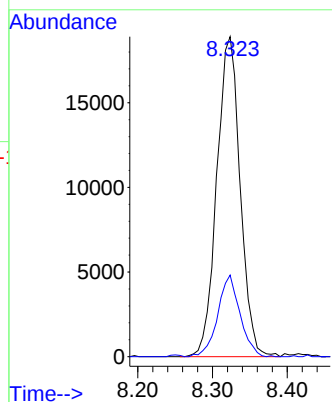
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021



Tgt Ion: 78 Resp: 41017
Ion Ratio Lower Upper
78 100
77 25.5 19.5 29.3

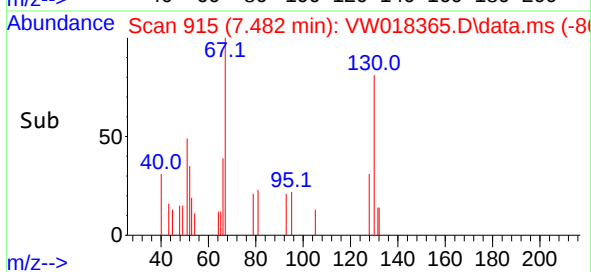
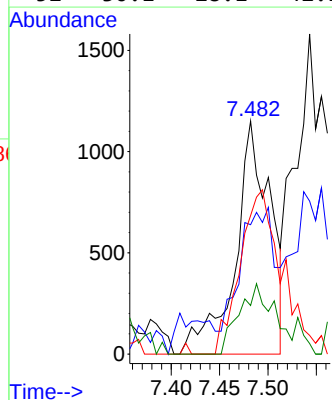
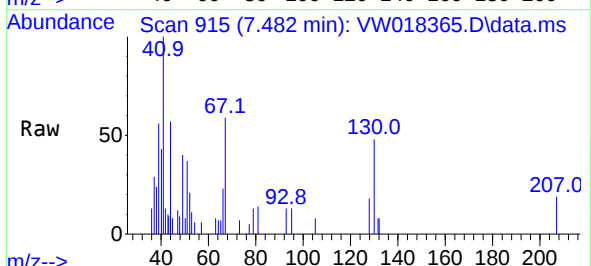
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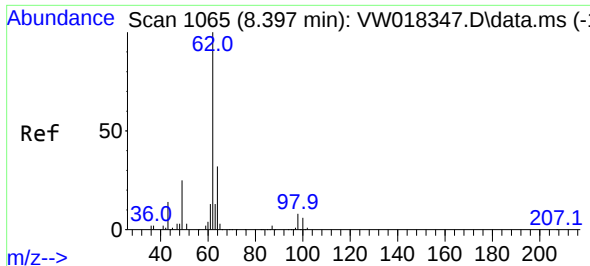
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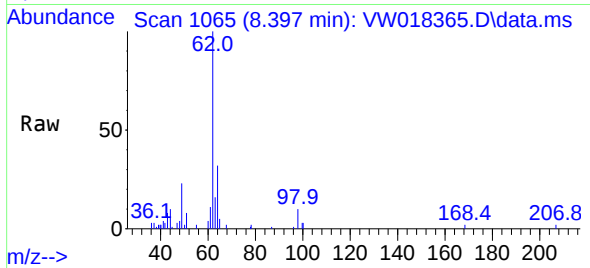
#41
Methacrylonitrile
Concen: 2.62 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion: 41 Resp: 2888
Ion Ratio Lower Upper
41 100
39 51.9 44.6 67.0
67 84.5 66.1 99.1
52 30.1 28.1 42.1

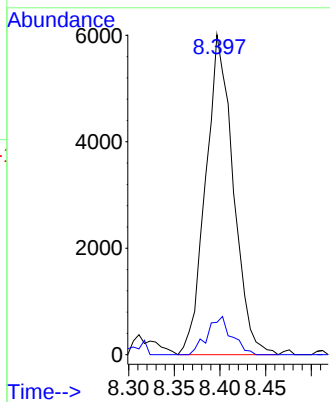
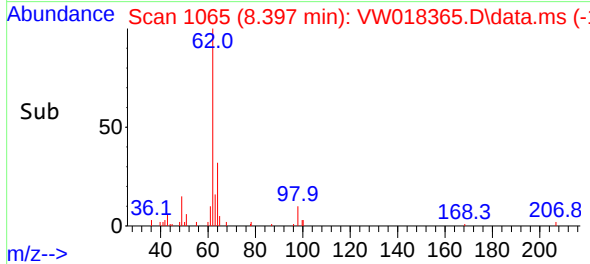




#42
1,2-Dichloroethane
Concen: 2.58 ug/l
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



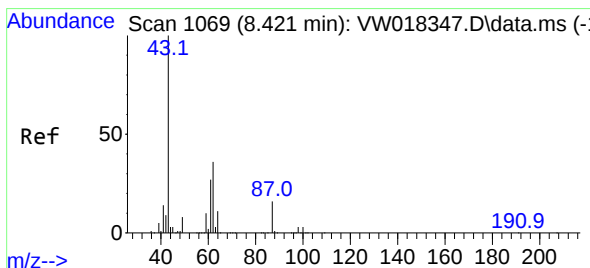
Tgt Ion: 62 Resp: 12656
Ion Ratio Lower Upper
62 100
98 10.5 0.0 17.2



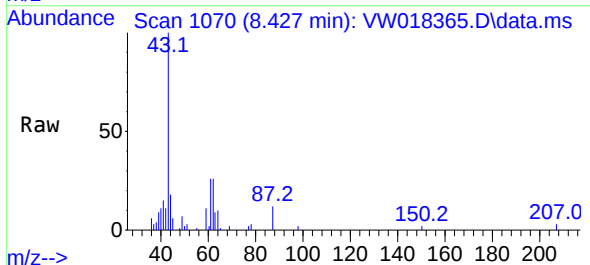
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021

Manual Integrations
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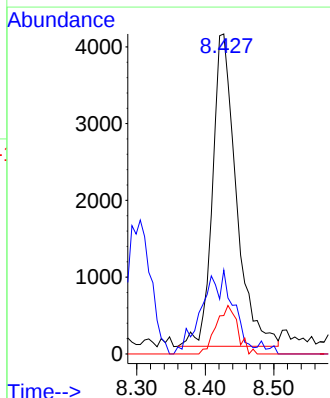
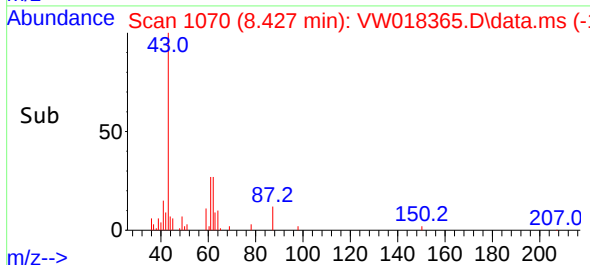
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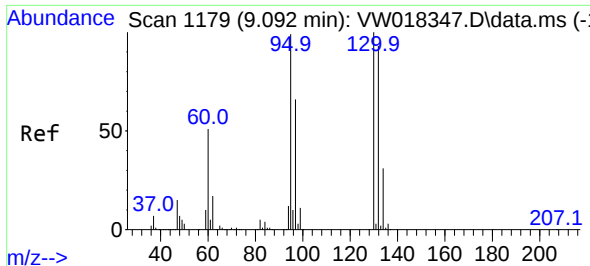


#43
Isopropyl Acetate
Concen: 2.39 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



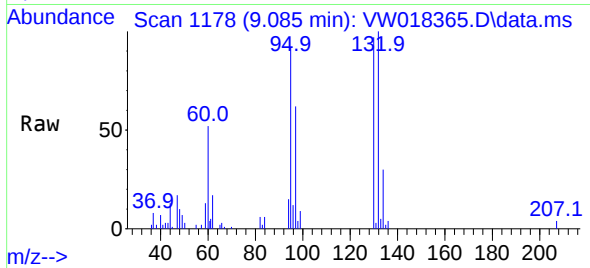
Tgt Ion: 43 Resp: 9782
Ion Ratio Lower Upper
43 100
61 0.0 29.0 43.4#
87 13.9 13.0 19.4





#44
Trichloroethene
Concen: 2.55 ug/l
RT: 9.085 min Scan# 1178
Delta R.T. -0.007 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

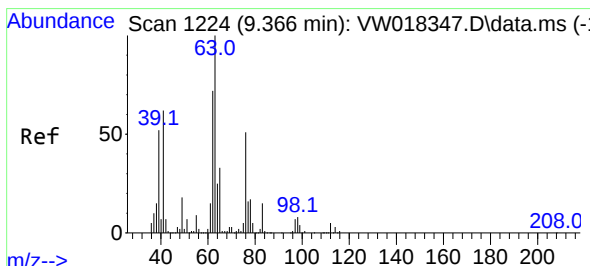
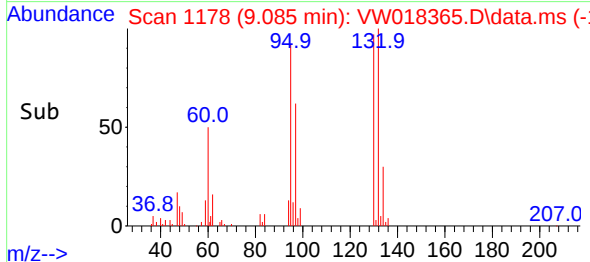
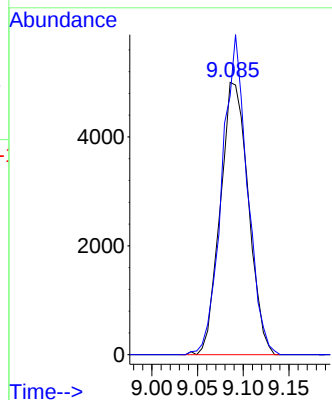
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021



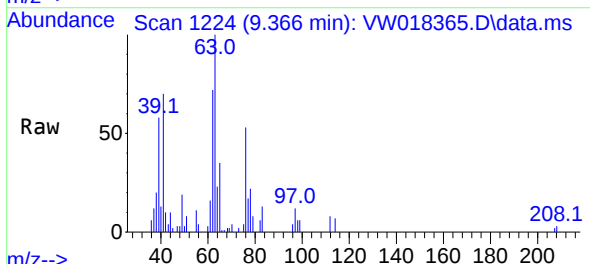
Tgt Ion:130 Resp: 10713
Ion Ratio Lower Upper
130 100
95 94.9 0.0 200.6

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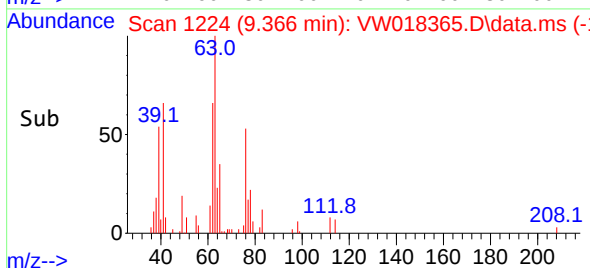
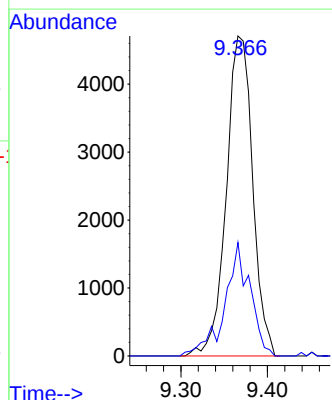
MMDadoda
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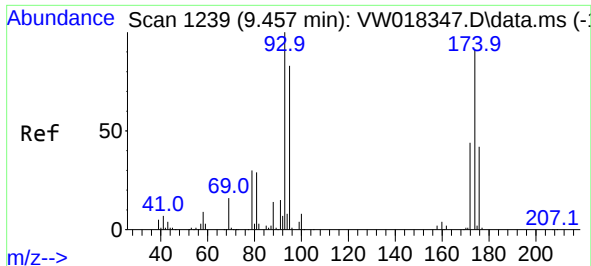


#45
1,2-Dichloropropane
Concen: 2.64 ug/l
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



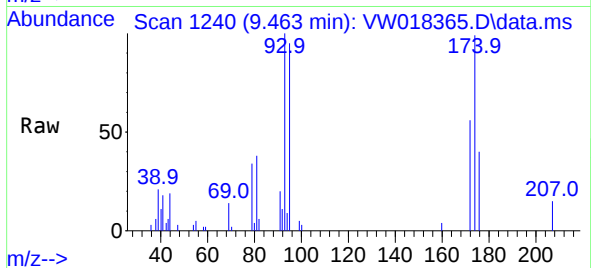
Tgt Ion: 63 Resp: 9962
Ion Ratio Lower Upper
63 100
65 35.4 25.4 38.2





#46
Dibromomethane
Concen: 2.56 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

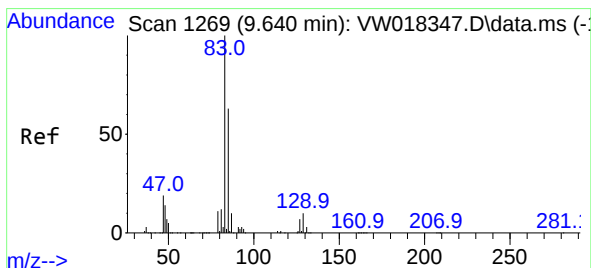
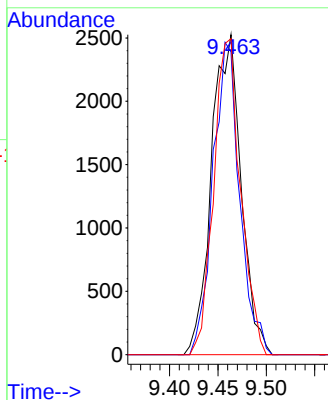
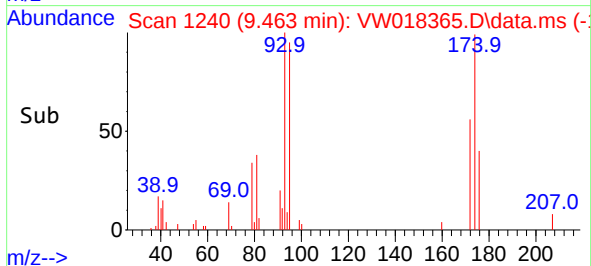
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021



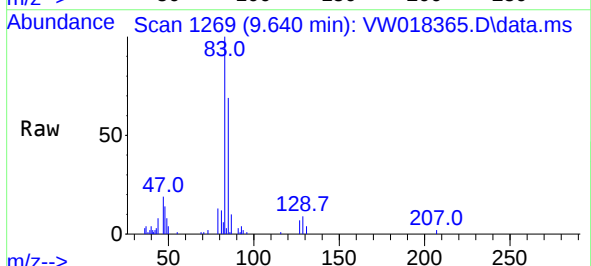
Tgt Ion: 93 Resp: 5394
Ion Ratio Lower Upper
93 100
95 87.8 66.3 99.5
174 89.6 73.1 109.7

Manual Integrations
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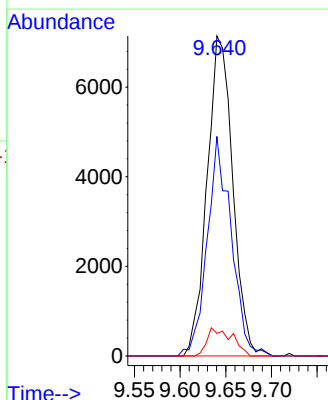
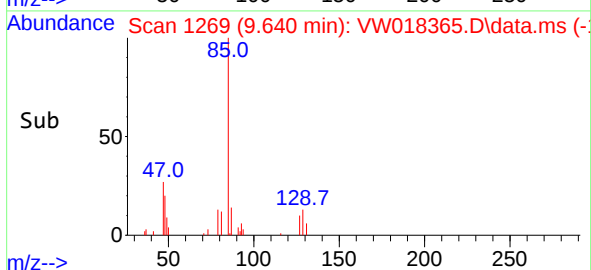
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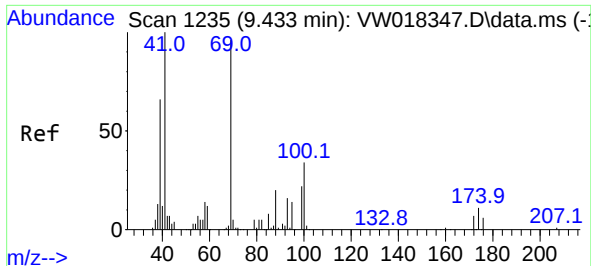


#47
Bromodichloromethane
Concen: 2.55 ug/l
RT: 9.640 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



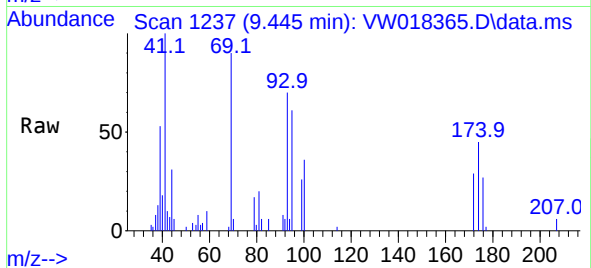
Tgt Ion: 83 Resp: 13945
Ion Ratio Lower Upper
83 100
85 68.6 53.1 79.7
127 7.1 6.3 9.5





#48
Methyl methacrylate
Concen: 2.23 ug/l
RT: 9.445 min Scan# 1237
Delta R.T. 0.012 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

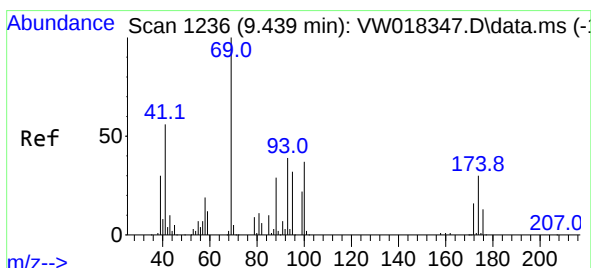
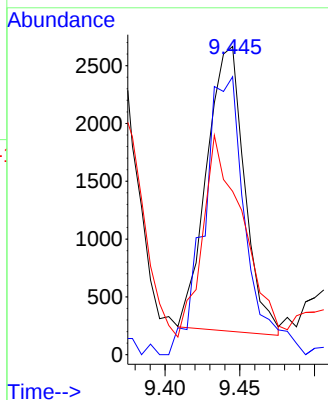
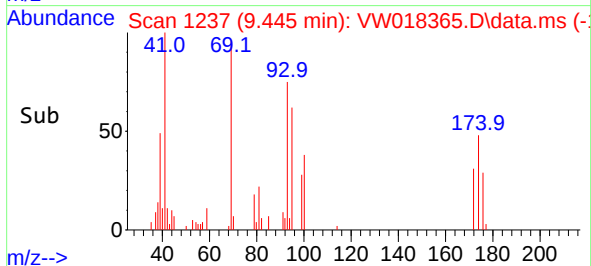
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021



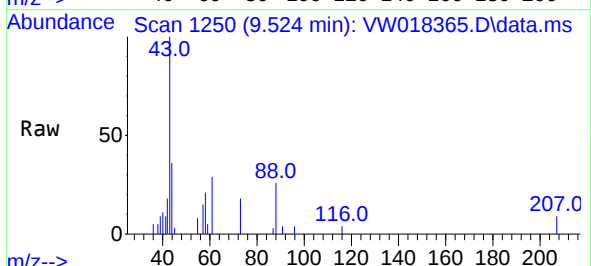
Tgt Ion: 41 Resp: 4325
Ion Ratio Lower Upper
41 100
69 108.0 82.1 123.1
39 81.8 50.4 75.6#

Manual Integrations
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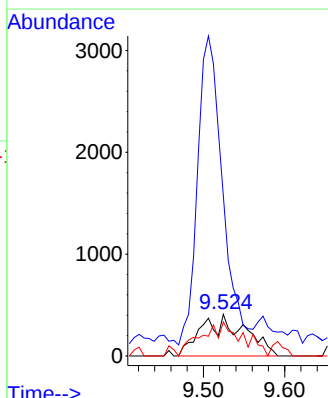
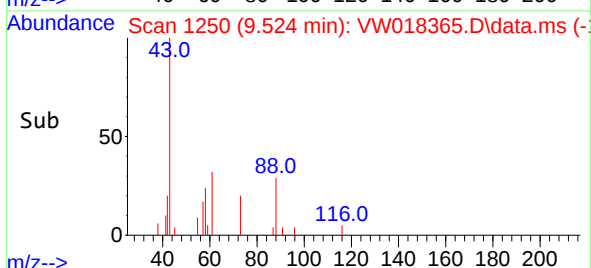
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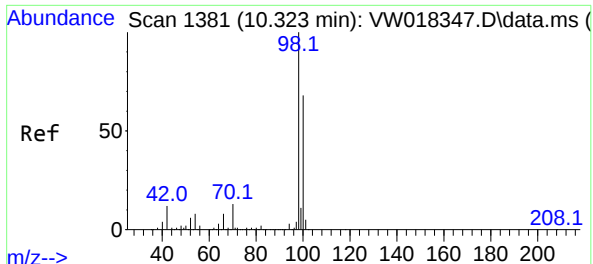


#49
1,4-Dioxane
Concen: 49.68 ug/l m
RT: 9.524 min Scan# 1250
Delta R.T. 0.085 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



Tgt Ion: 88 Resp: 1517
Ion Ratio Lower Upper
88 100
43 427.6 25.5 38.3#
58 36.3 51.3 76.9#





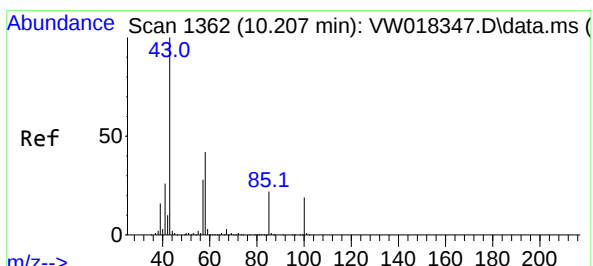
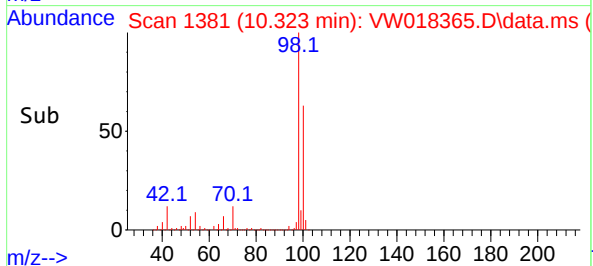
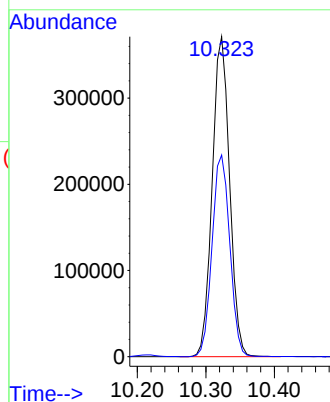
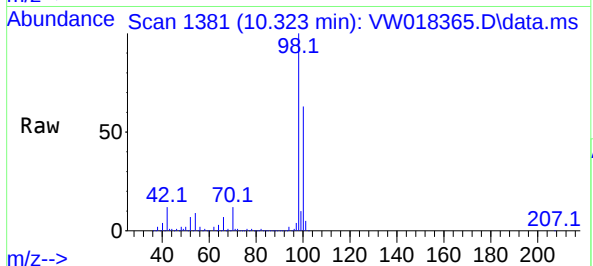
#50
Toluene-d8
Concen: 47.80 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion: 98 Resp: 653206
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.8

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021

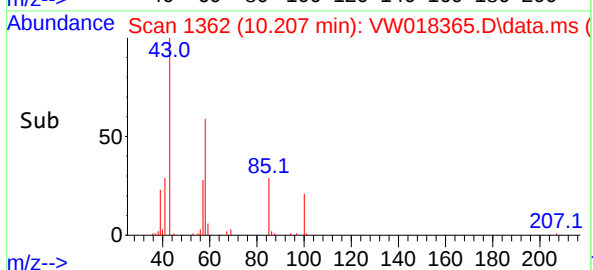
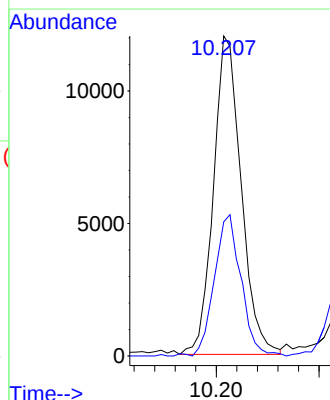
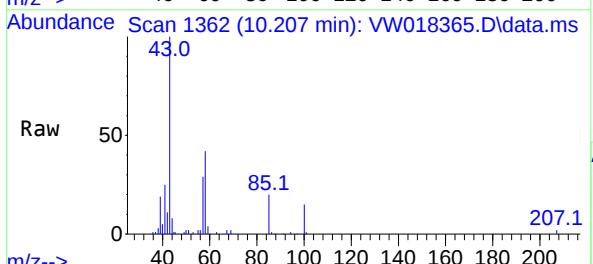
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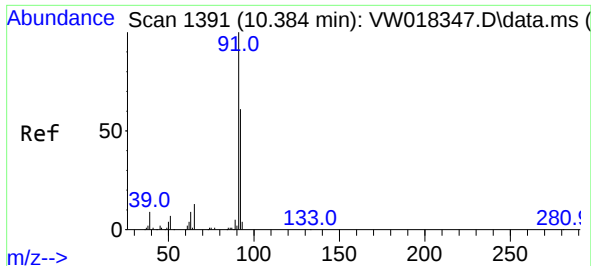
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3/19/2021 3:32:45 PM



#51
4-Methyl-2-Pentanone
Concen: 11.28 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion: 43 Resp: 22520
Ion Ratio Lower Upper
43 100
58 42.6 35.4 53.0





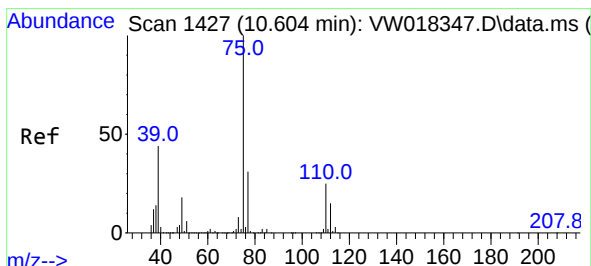
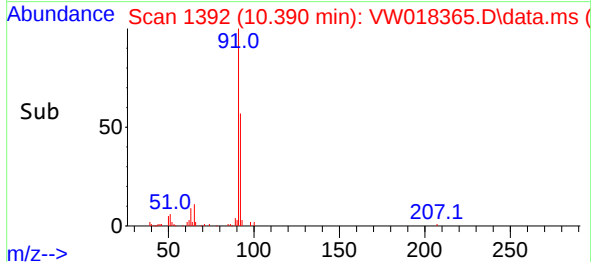
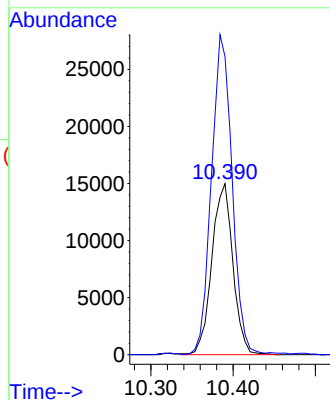
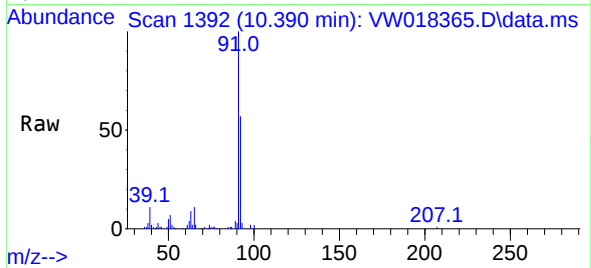
#52
Toluene
Concen: 2.59 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion: 92 Resp: 26635
Ion Ratio Lower Upper
92 100
91 184.6 136.6 205.0

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021

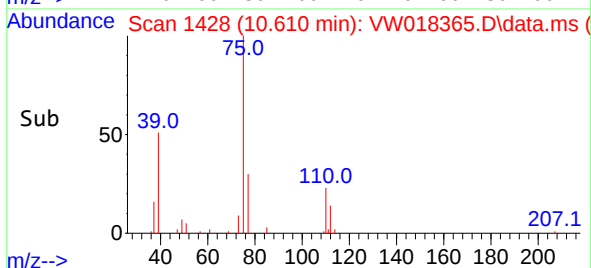
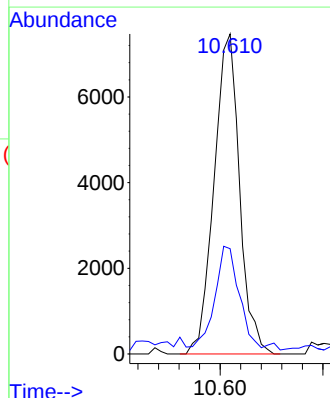
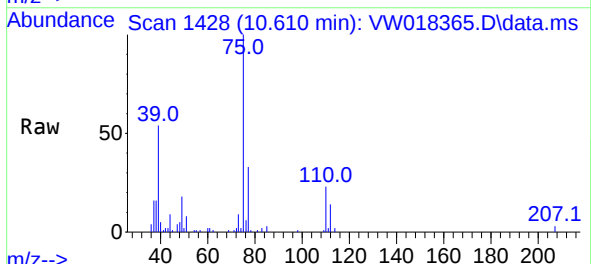
Manual Integrations
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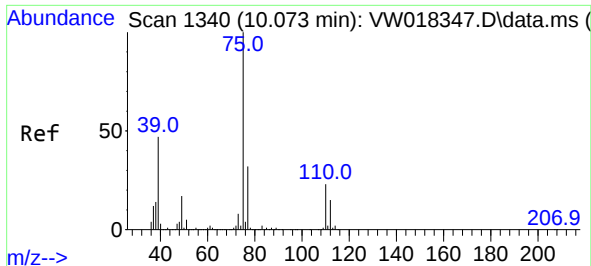
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3/19/2021 3:32:45 PM



#53
t-1,3-Dichloropropene
Concen: 2.30 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

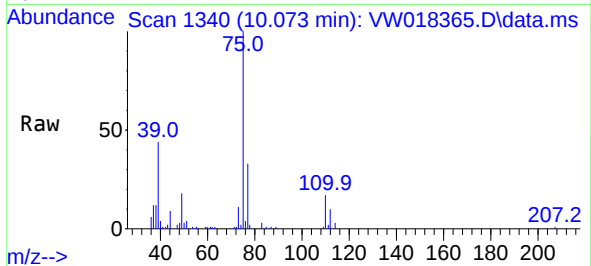
Tgt Ion: 75 Resp: 12840
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6





#54
cis-1,3-Dichloropropene
Concen: 2.50 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

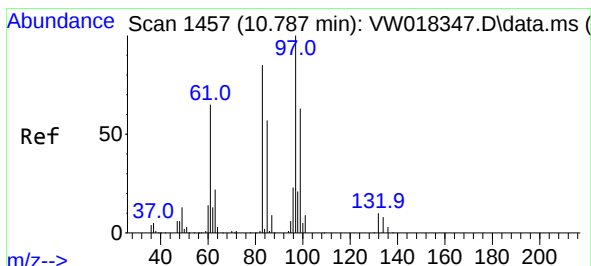
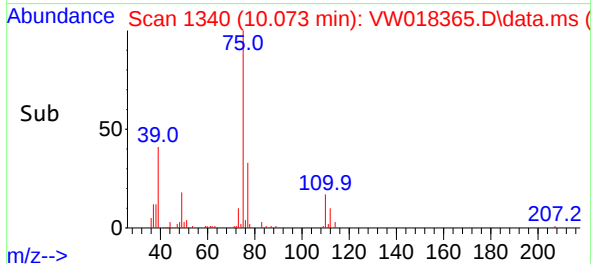
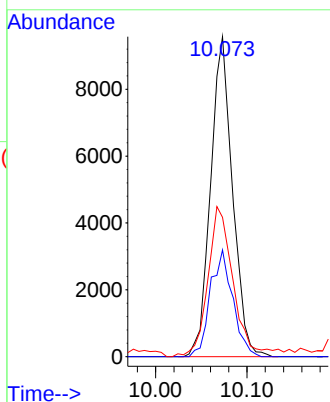
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021



Tgt Ion: 75	Resp: 15924
Ion Ratio	Lower Upper
75 100	
77 33.4	24.9 37.3
39 42.6	34.6 51.8

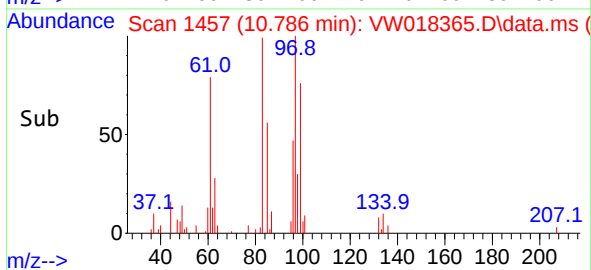
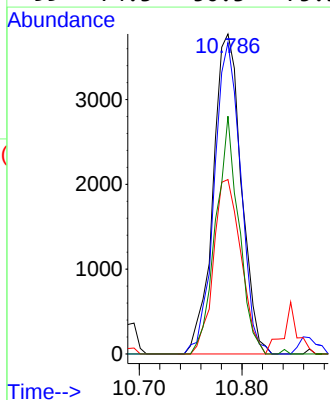
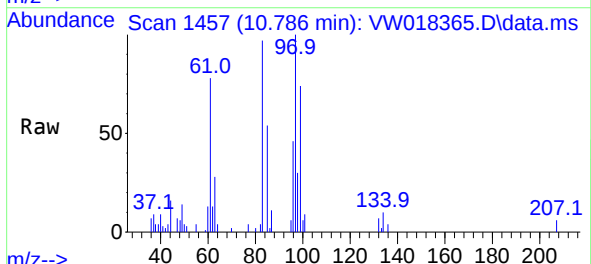
Manual Integrations
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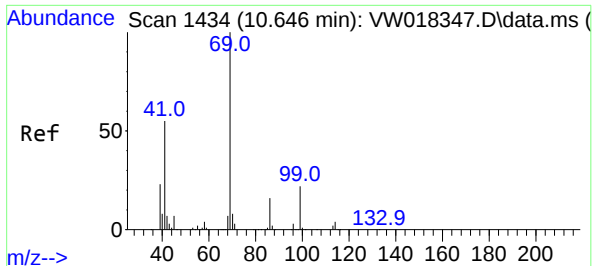
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3/19/2021 3:32:45 PM



#55
1,1,2-Trichloroethane
Concen: 2.53 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.001 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion: 97	Resp: 7196
Ion Ratio	Lower Upper
97 100	
83 97.3	70.1 105.1
85 54.5	43.3 64.9
99 74.3	50.3 75.5





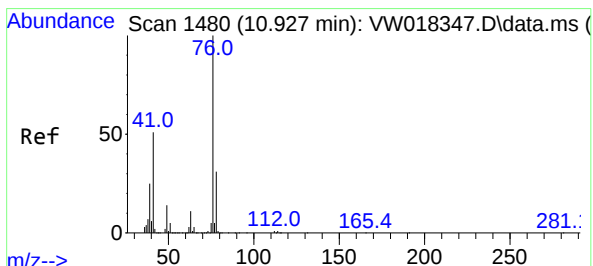
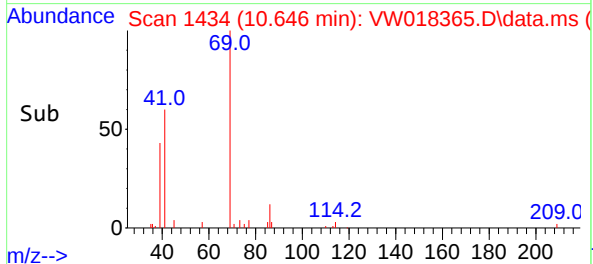
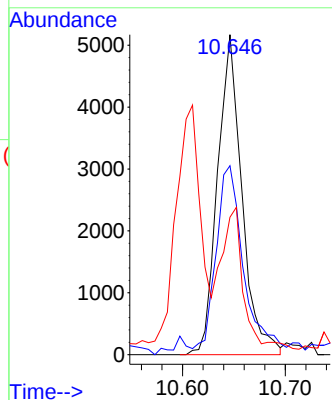
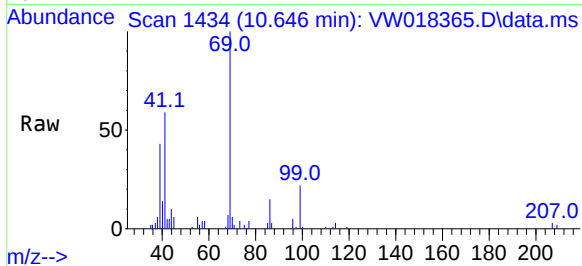
#56
Ethyl methacrylate
Concen: 2.30 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion: 69 Resp: 8509
Ion Ratio Lower Upper
69 100
41 66.0 45.2 67.8
39 40.7 26.5 39.7#

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021

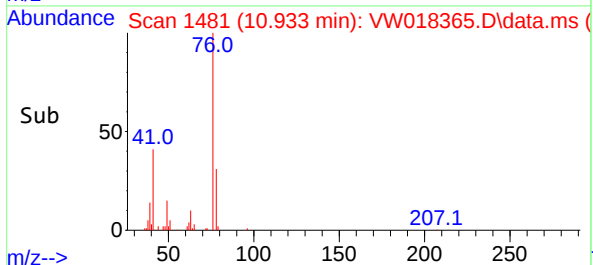
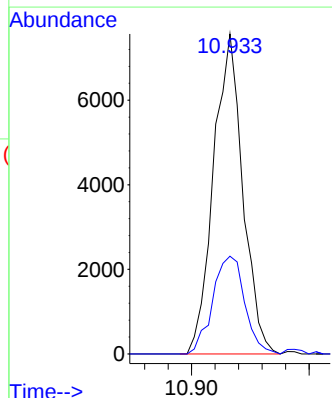
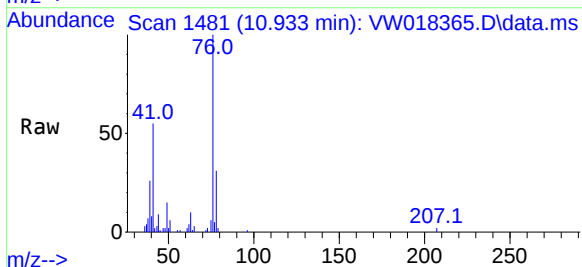
Manual Integrations
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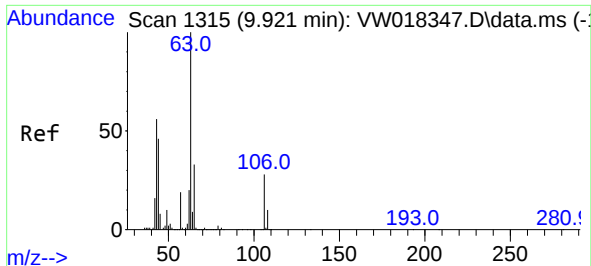
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#57
1,3-Dichloropropane
Concen: 2.58 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion: 76 Resp: 13080
Ion Ratio Lower Upper
76 100
78 33.4 26.4 39.6





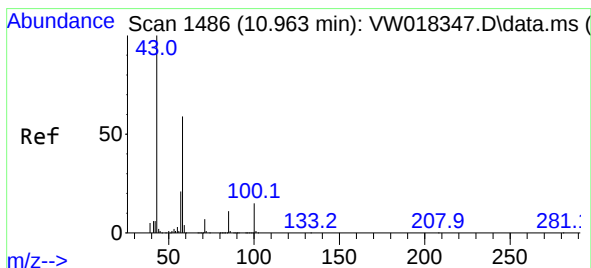
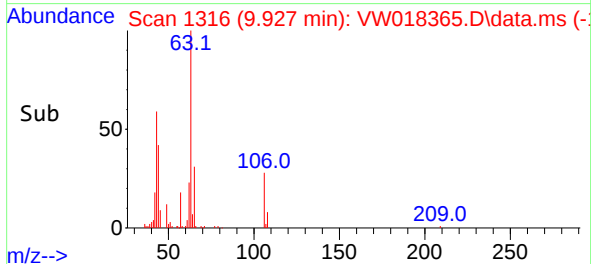
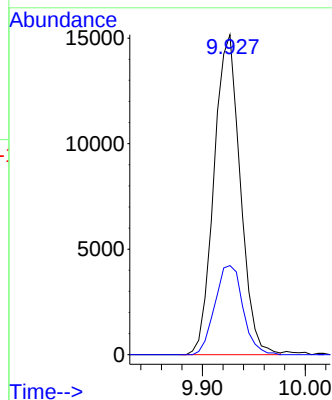
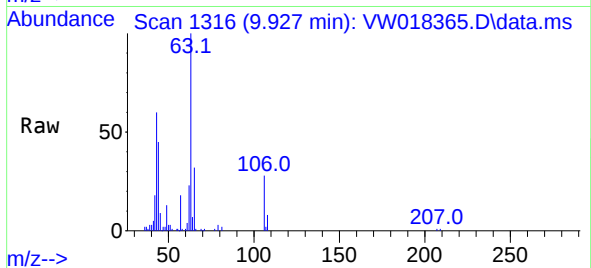
#58
2-Chloroethyl Vinyl ether
Concen: 14.31 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion: 63 Resp: 26892
Ion Ratio Lower Upper
63 100
106 29.7 25.8 38.6

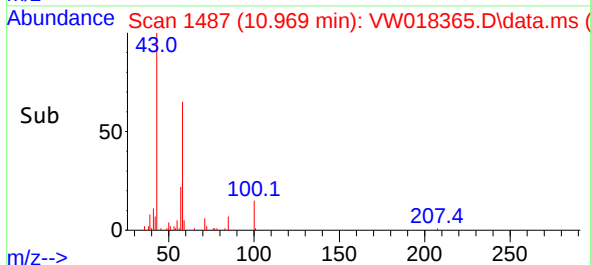
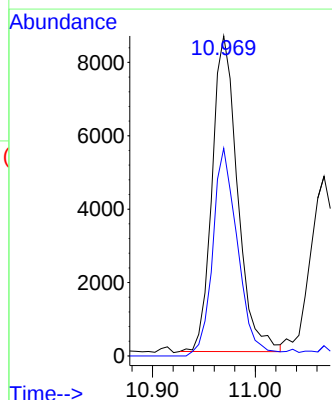
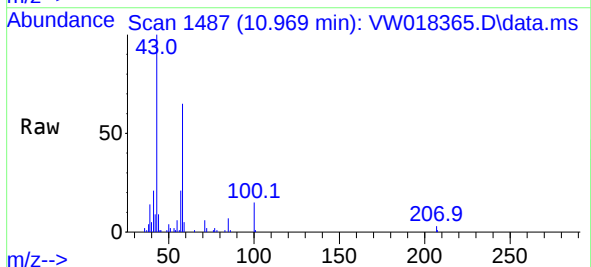
Manual Integrations
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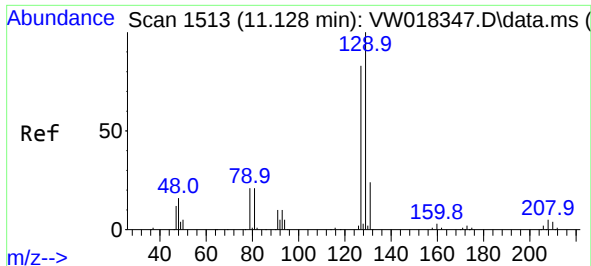
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#59
2-Hexanone
Concen: 10.74 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion: 43 Resp: 14772
Ion Ratio Lower Upper
43 100
58 64.3 30.6 92.0





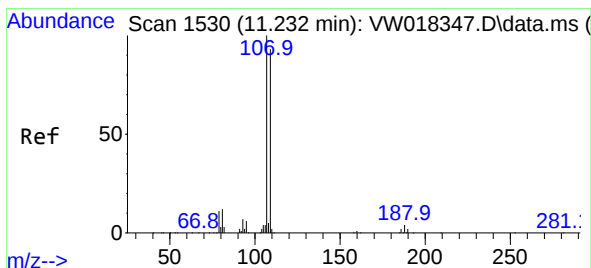
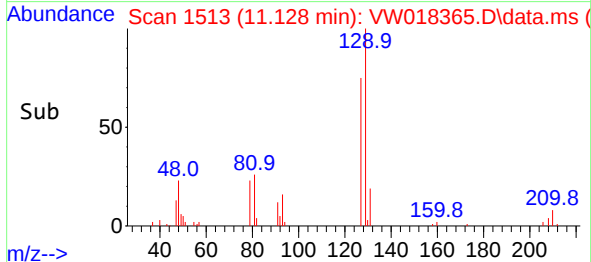
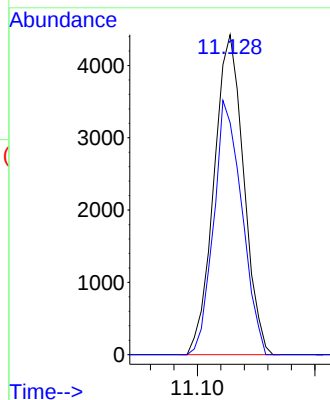
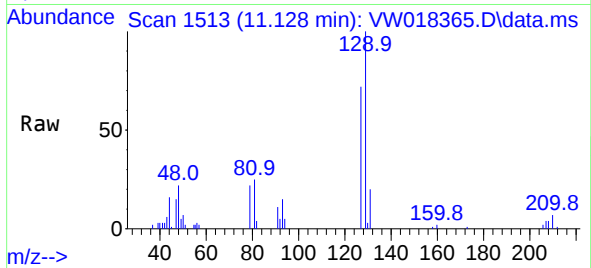
#60
Dibromochloromethane
Concen: 2.22 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion:129 Resp: 7780
Ion Ratio Lower Upper
129 100
127 75.2 37.9 113.7

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021

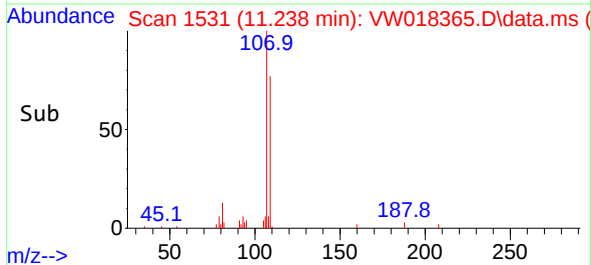
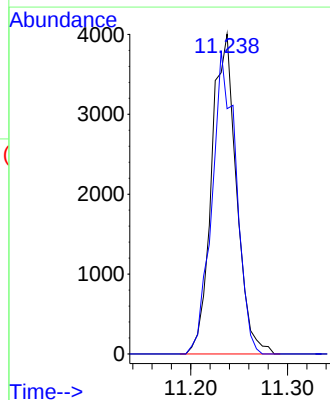
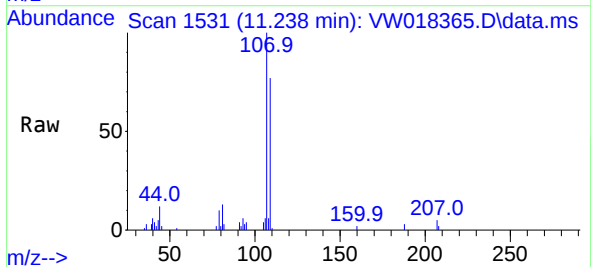
Manual Integrations
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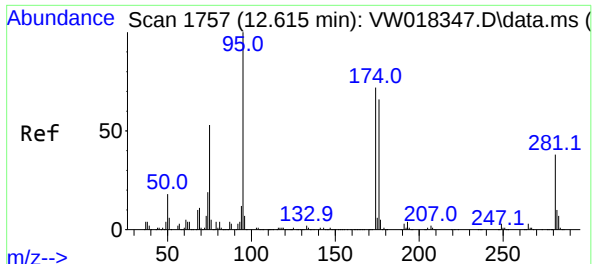
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3/19/2021 3:32:45 PM



#61
1,2-Dibromoethane
Concen: 2.54 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

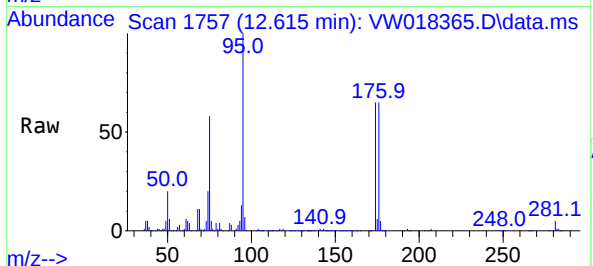
Tgt Ion:107 Resp: 7116
Ion Ratio Lower Upper
107 100
109 92.2 76.4 114.6





#62
4-Bromofluorobenzene
Concen: 45.85 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

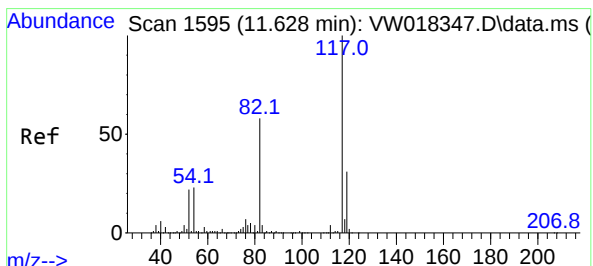
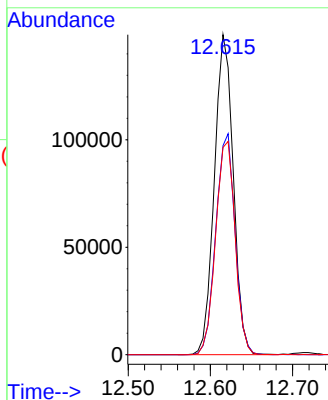
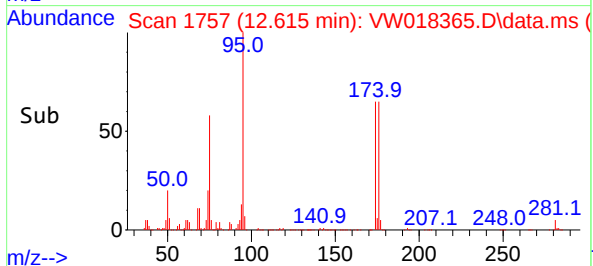
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021



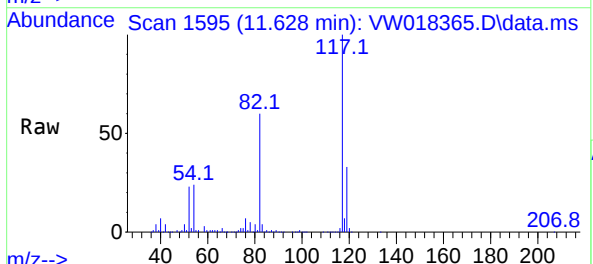
Tgt Ion: 95 Resp: 237870
Ion Ratio Lower Upper
95 100
174 70.3 0.0 132.8
176 68.8 0.0 131.4

Manual Integrations
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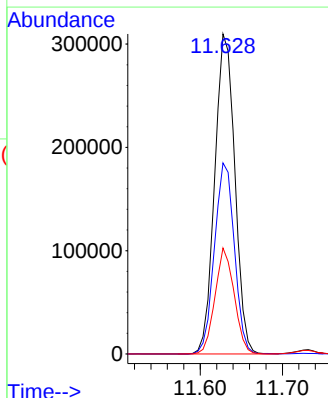
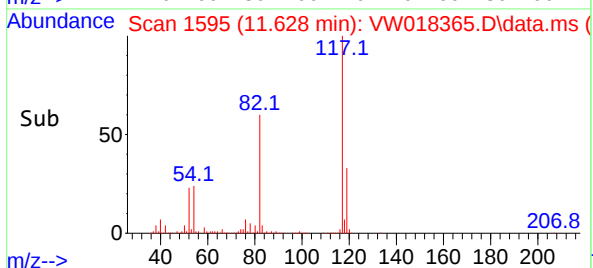
MMDadoda
3/19/2021 3:32:45 PM

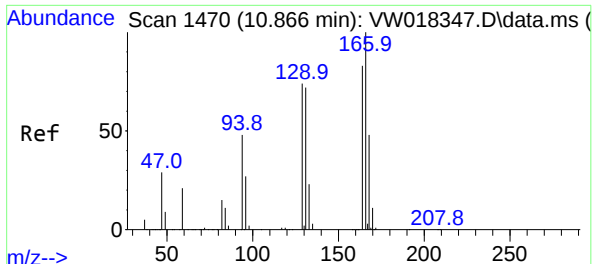


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



Tgt Ion: 117 Resp: 527594
Ion Ratio Lower Upper
117 100
82 59.7 43.1 64.7
119 33.1 25.1 37.7





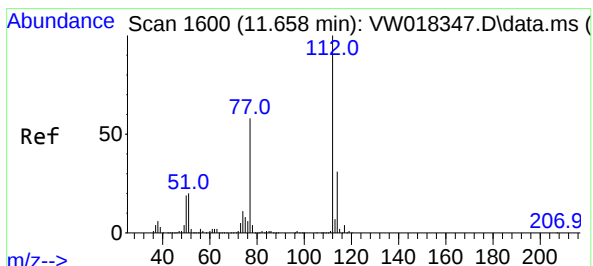
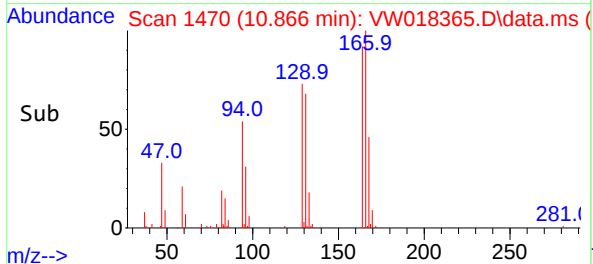
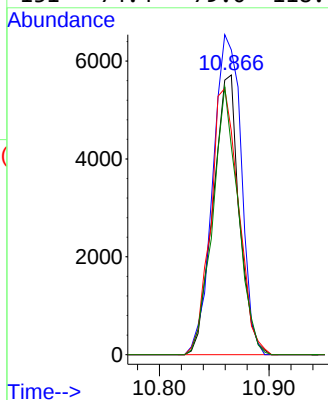
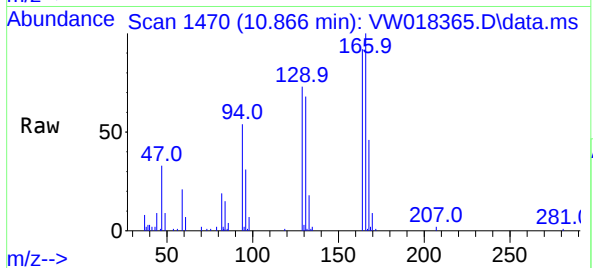
#64
Tetrachloroethene
Concen: 2.82 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion:164 Resp: 9492
Ion Ratio Lower Upper
164 100
166 109.0 101.3 151.9
129 79.9 90.7 136.1#
131 74.4 79.0 118.4#

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021

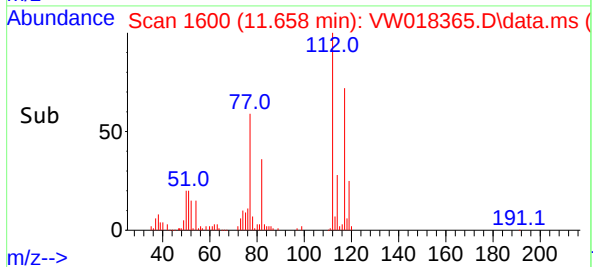
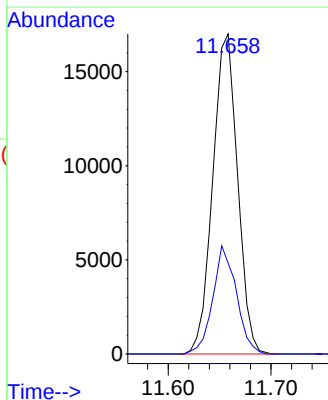
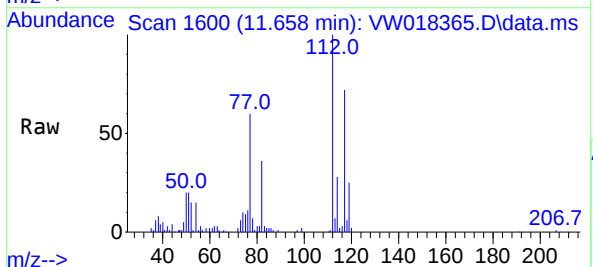
Manual Integrations
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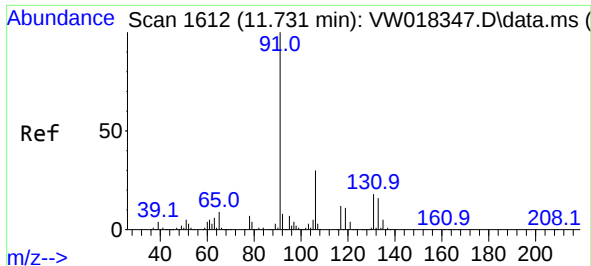
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#65
Chlorobenzene
Concen: 2.67 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

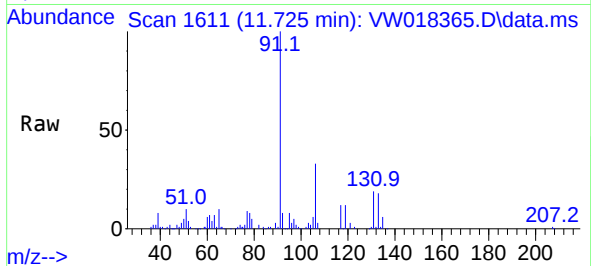
Tgt Ion:112 Resp: 28440
Ion Ratio Lower Upper
112 100
114 28.4 25.8 38.8





#66
1,1,1,2-Tetrachloroethane
Concen: 2.62 ug/l
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

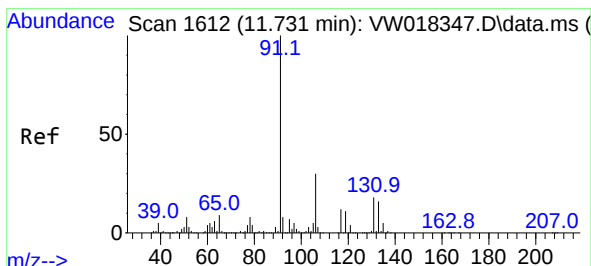
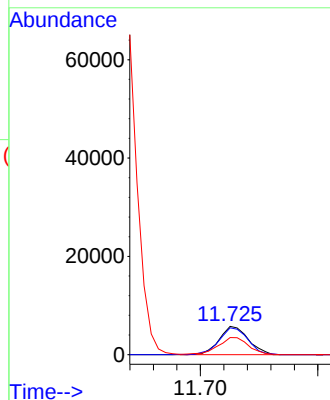
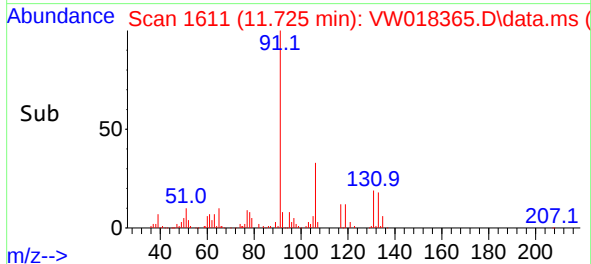
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021



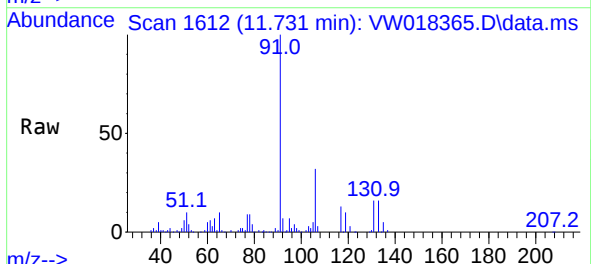
Tgt Ion:131 Resp: 9869
Ion Ratio Lower Upper
131 100
133 94.2 47.6 142.8
119 63.6 31.1 93.5

Manual Integrations
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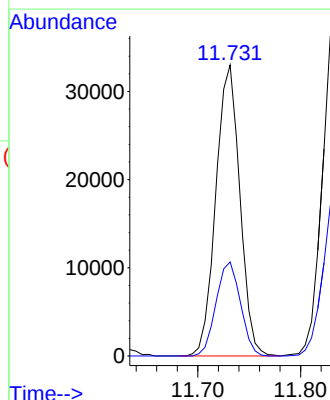
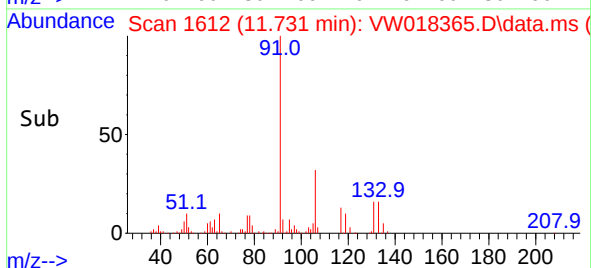
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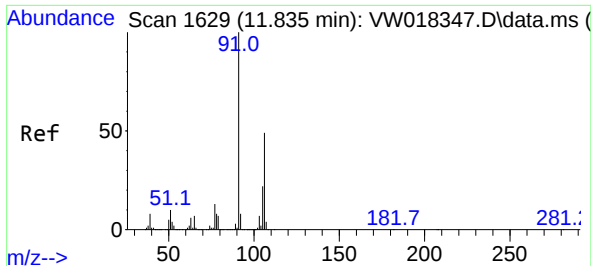


#67
Ethyl Benzene
Concen: 2.65 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



Tgt Ion: 91 Resp: 53503
Ion Ratio Lower Upper
91 100
106 32.3 25.0 37.6





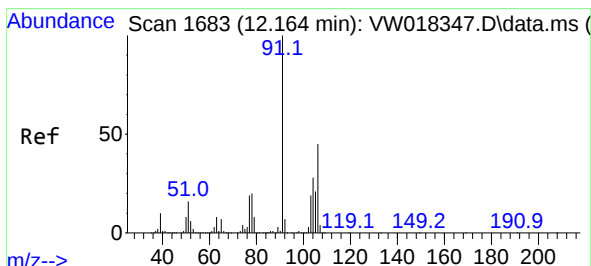
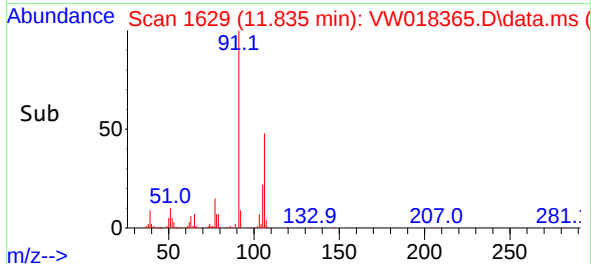
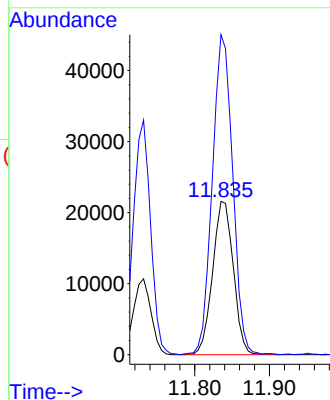
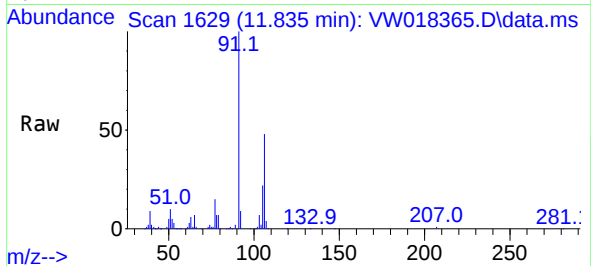
#68
m/p-Xylenes
Concen: 5.43 ug/l
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion:106 Resp: 41521
Ion Ratio Lower Upper
106 100
91 205.6 165.5 248.3

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021

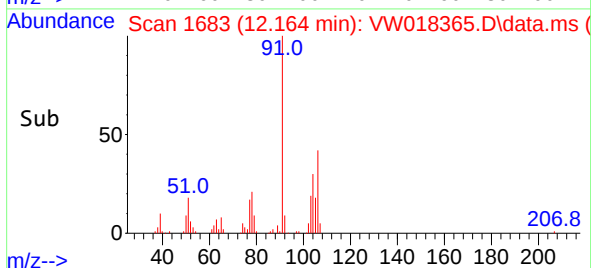
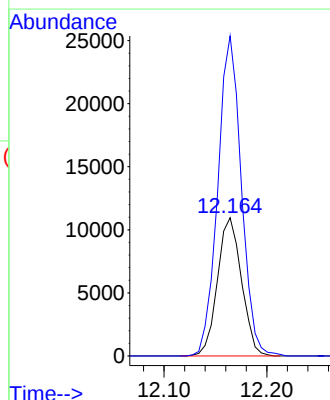
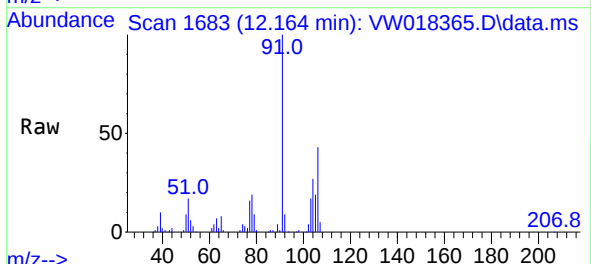
Manual Integrations
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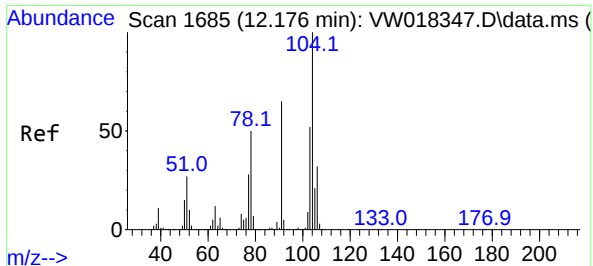
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3/19/2021 3:32:45 PM



#69
o-Xylene
Concen: 2.48 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion:106 Resp: 17760
Ion Ratio Lower Upper
106 100
91 227.2 111.3 333.9





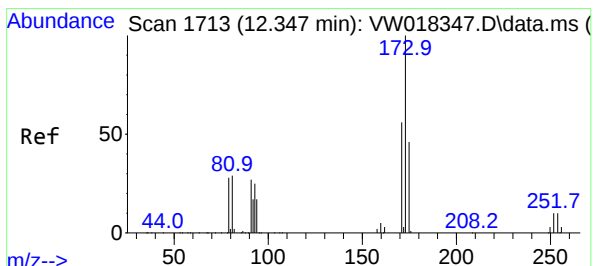
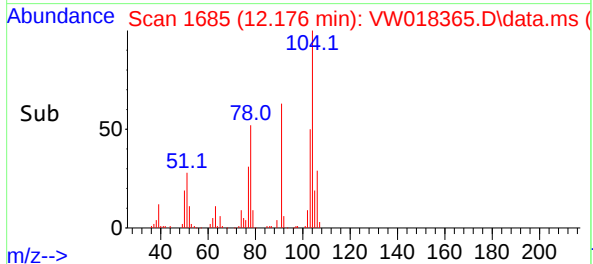
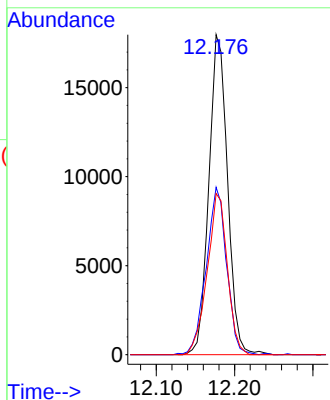
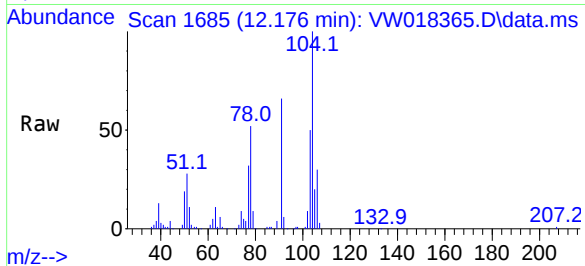
#70
Styrene
Concen: 2.49 ug/l
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion:	104	Resp:	29770
Ion Ratio	Lower	Upper	
104	100		
78	57.2	43.2	64.8
103	54.1	44.4	66.6

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021

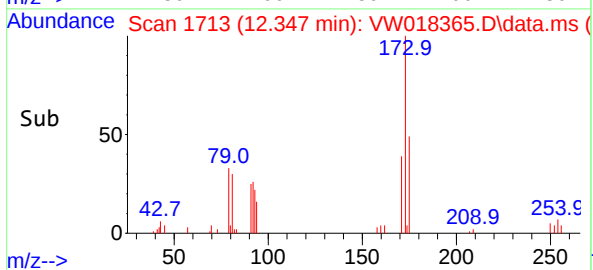
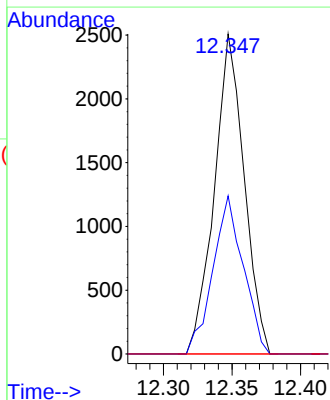
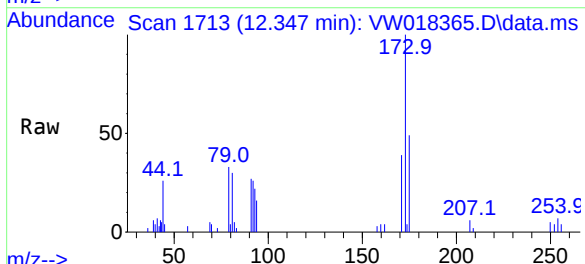
Manual Integrations
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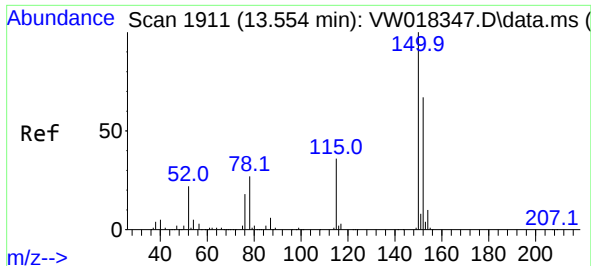
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3/19/2021 3:32:45 PM



#71
Bromoform
Concen: 1.98 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

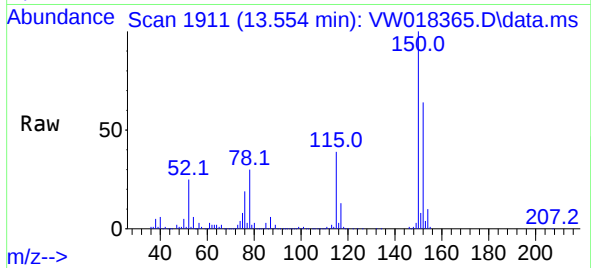
Tgt Ion:	173	Resp:	3797
Ion Ratio	Lower	Upper	
173	100		
175	50.3	23.5	70.6
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

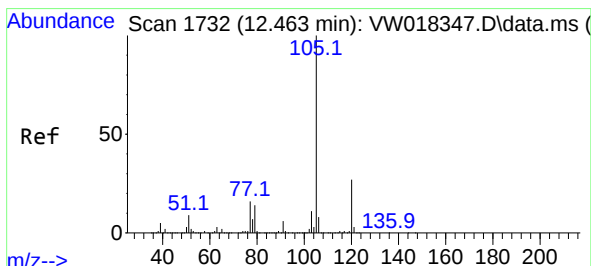
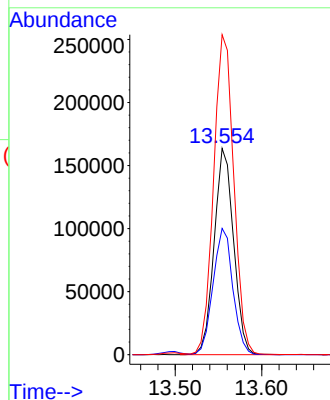
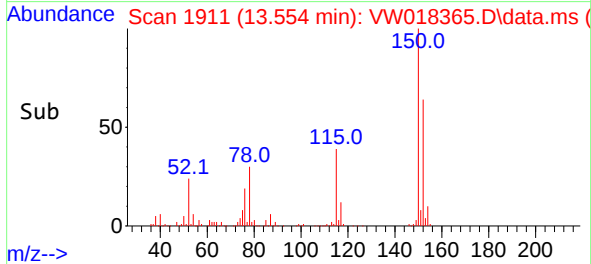
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021



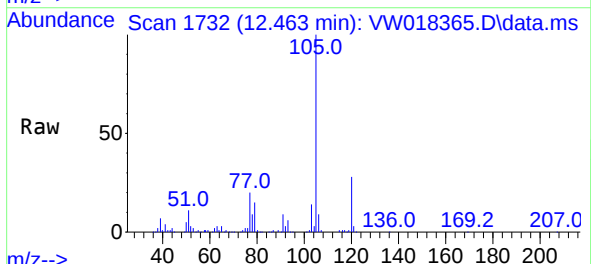
Tgt Ion:152 Resp: 254663
Ion Ratio Lower Upper
152 100
115 62.5 31.9 95.7
150 160.9 0.0 347.2

Manual Integrations
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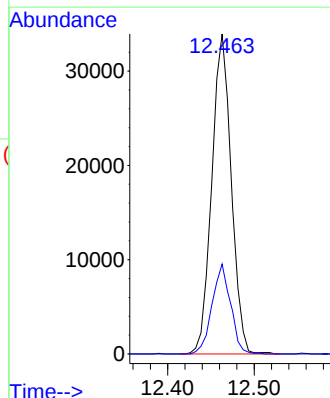
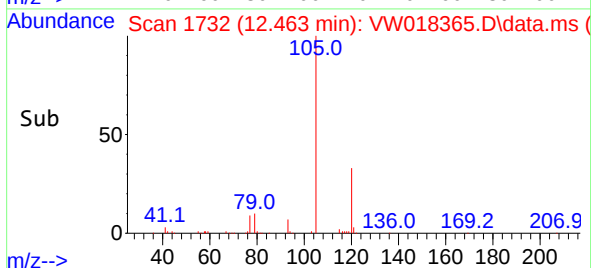
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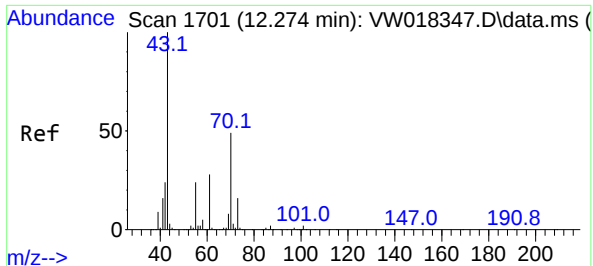


#73
Isopropylbenzene
Concen: 2.76 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

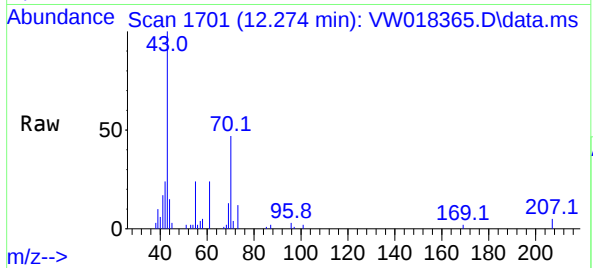


Tgt Ion:105 Resp: 53020
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3

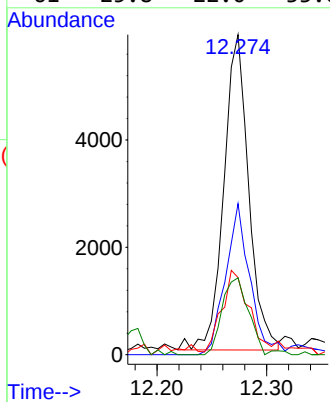
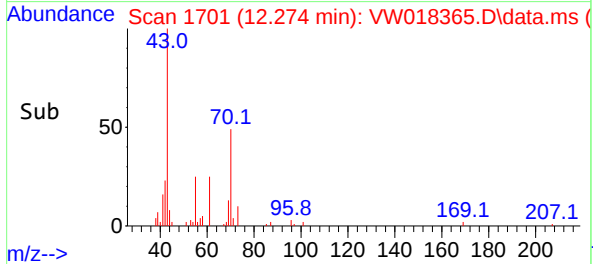




#74
N-amy1 acetate
Concen: 2.46 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



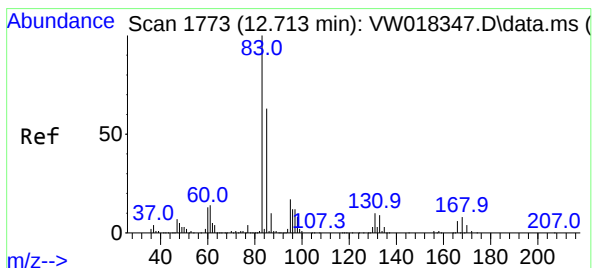
Tgt Ion:	43	Resp:	9293
Ion	Ratio	Lower	Upper
43	100		
70	46.8	41.8	62.6
55	32.7	23.0	34.6
61	25.8	22.0	33.0



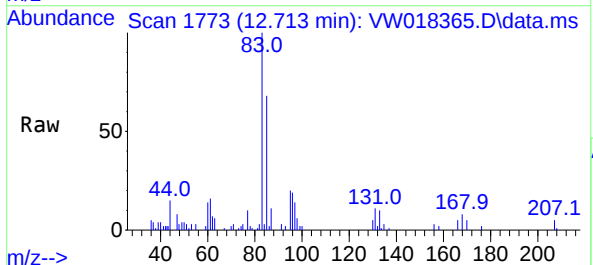
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021

Manual Integrations
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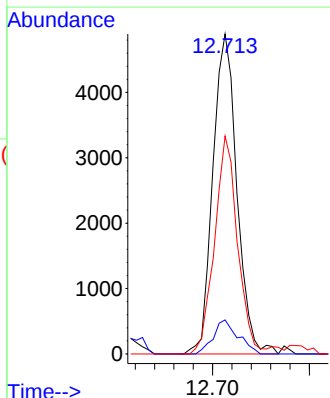
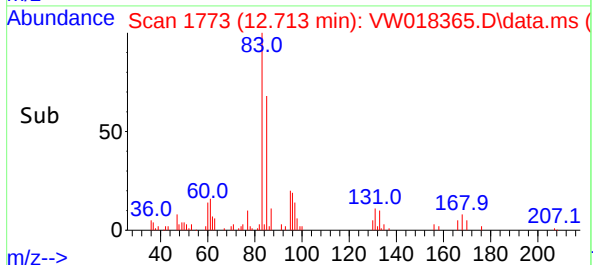
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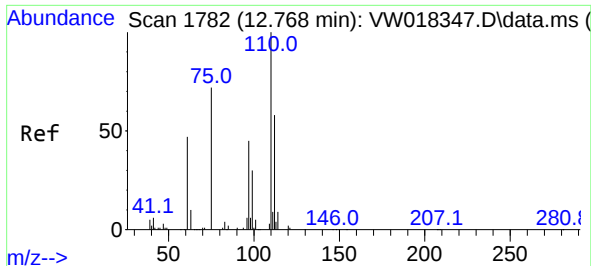


#75
1,1,2,2-Tetrachloroethane
Concen: 2.70 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



Tgt Ion:	83	Resp:	8436
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.9	17.6
85	65.0	31.9	95.5





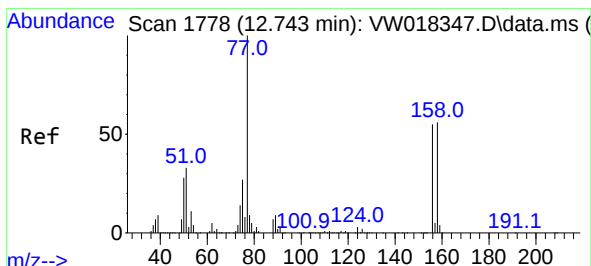
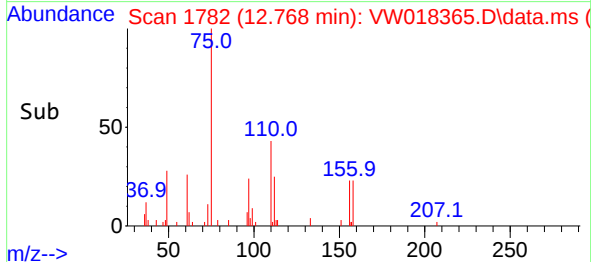
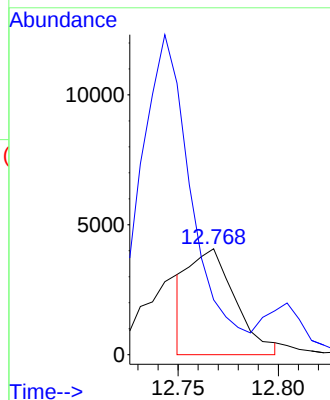
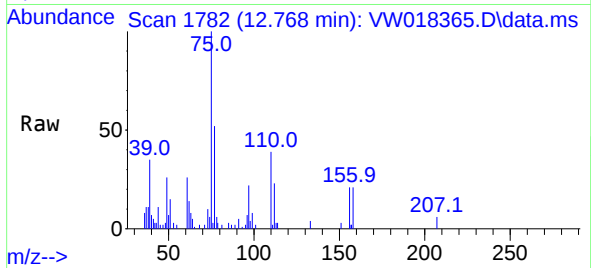
#76
1,2,3-Trichloropropane
Concen: 2.80 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion: 75 Resp: 6567
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021

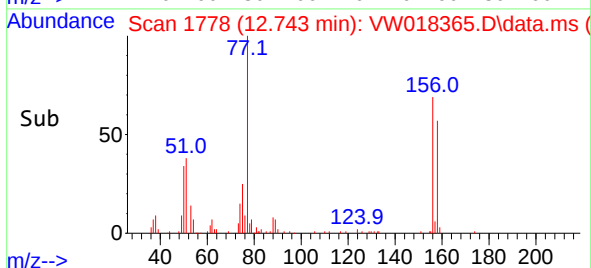
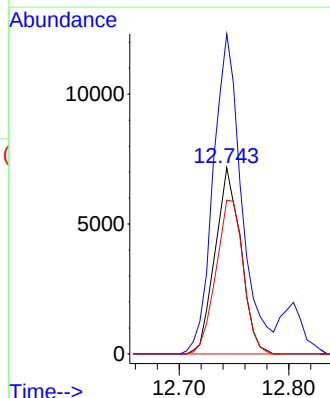
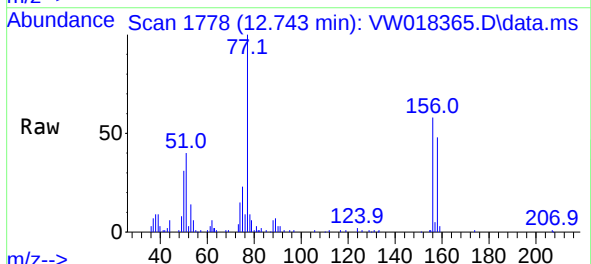
Manual Integrations
APPROVED

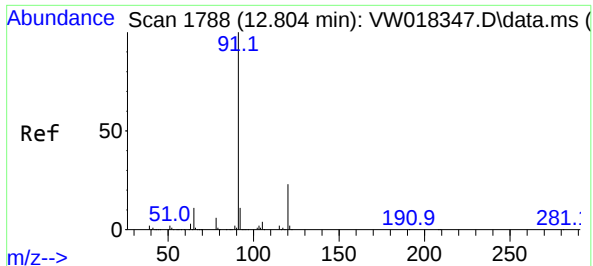
MMDadoda
3/19/2021 3:32:45 PM



#77
Bromobenzene
Concen: 2.85 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

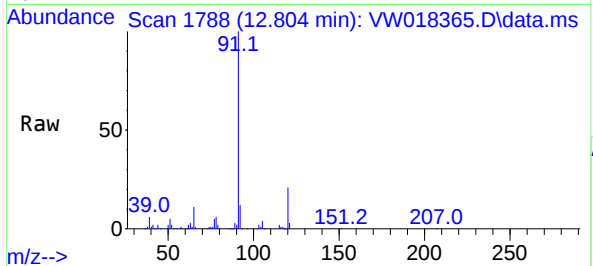
Tgt Ion: 156 Resp: 11706
Ion Ratio Lower Upper
156 100
77 189.9 97.8 293.4
158 87.7 49.1 147.3





#78
n-propylbenzene
Concen: 2.77 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

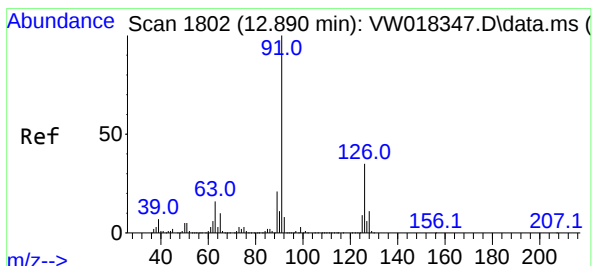
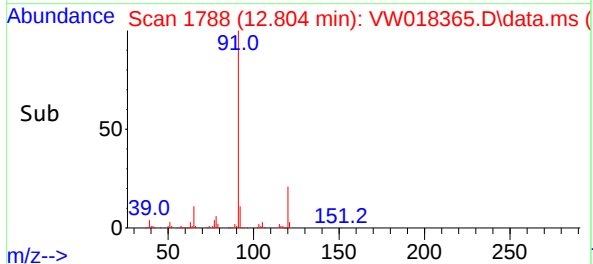
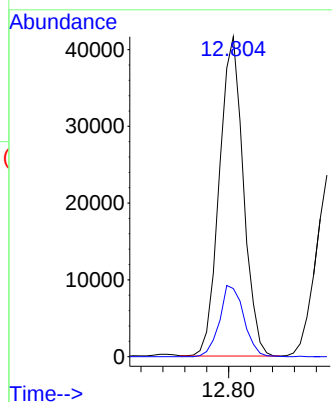
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021



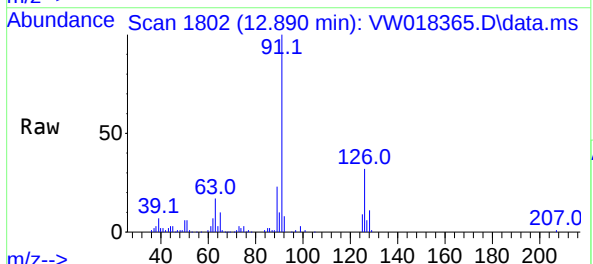
Tgt Ion: 91 Resp: 63377
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.9

Manual Integrations
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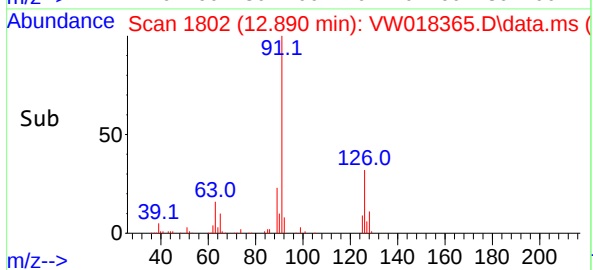
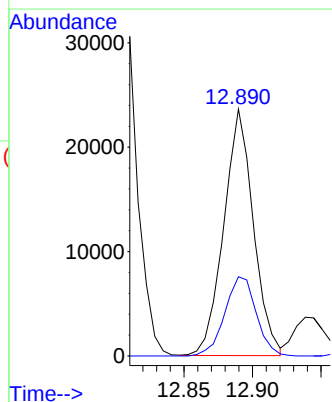
MMDadoda
3/19/2021 3:32:45 PM

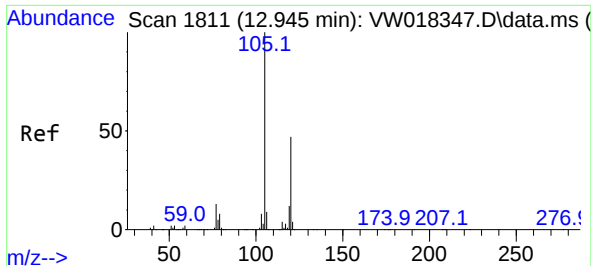


#79
2-Chlorotoluene
Concen: 2.71 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



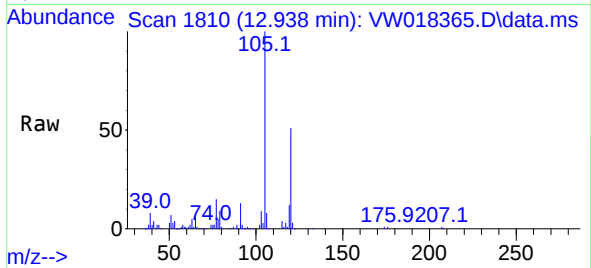
Tgt Ion: 91 Resp: 35544
Ion Ratio Lower Upper
91 100
126 34.0 15.0 45.0





#80
1,3,5-Trimethylbenzene
Concen: 2.68 ug/l
RT: 12.938 min Scan# 1810
Delta R.T. -0.007 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

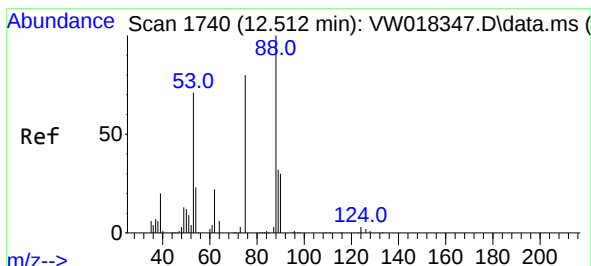
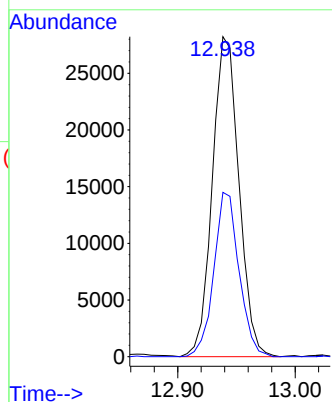
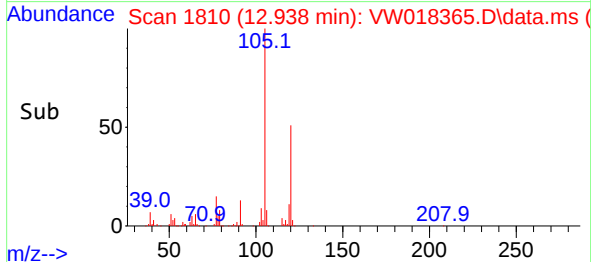
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021



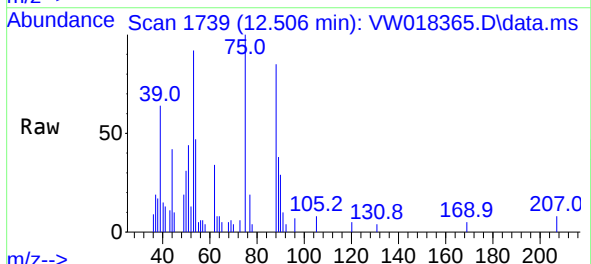
Tgt Ion:105 Resp: 44389
Ion Ratio Lower Upper
105 100
120 48.7 23.4 70.0

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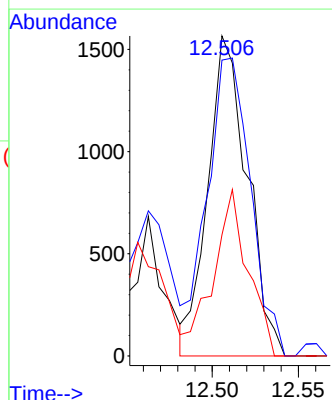
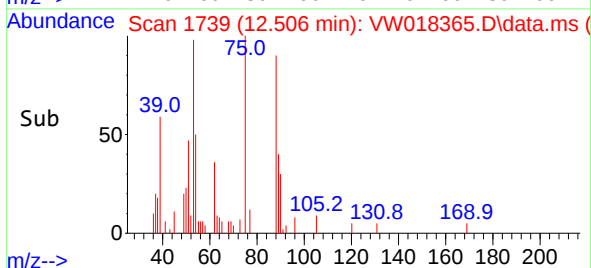
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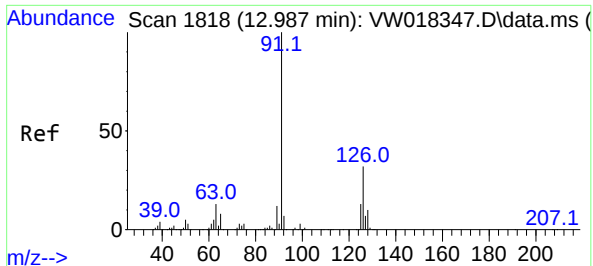


#81
trans-1,4-Dichloro-2-butene
Concen: 2.33 ug/l m
RT: 12.506 min Scan# 1739
Delta R.T. -0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



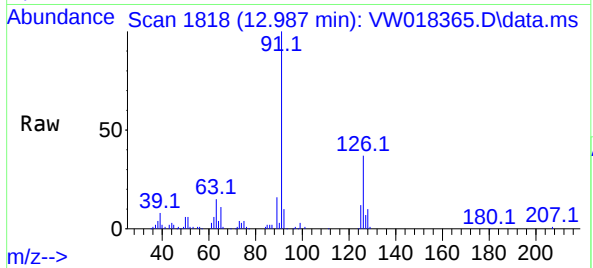
Tgt Ion: 75 Resp: 2489
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.8 58.2#





#82
4-Chlorotoluene
Concen: 2.84 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

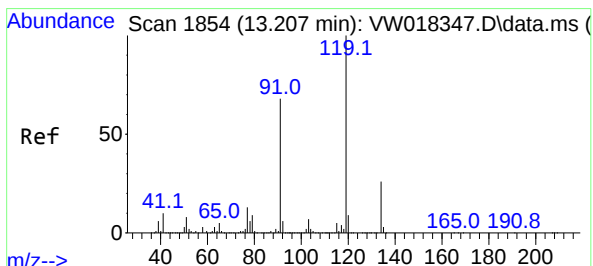
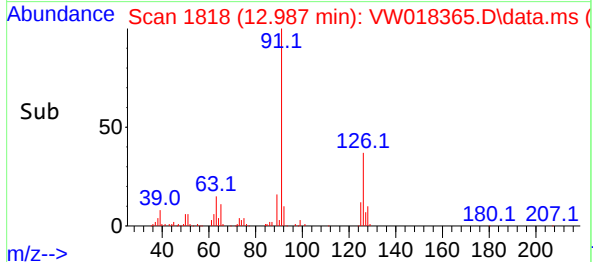
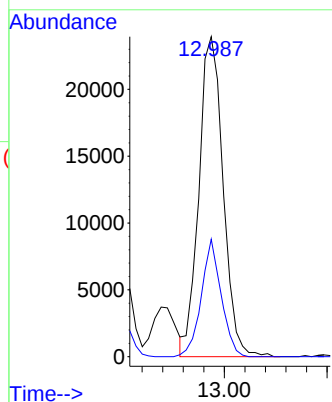
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021



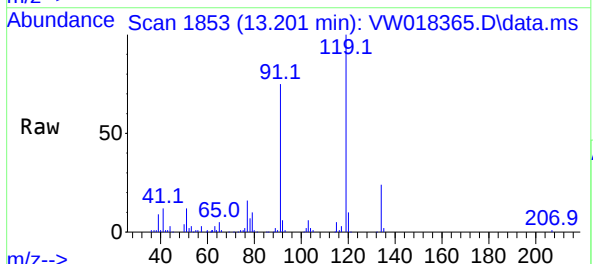
Tgt Ion: 91 Resp: 39237
Ion Ratio Lower Upper
91 100
126 30.2 15.8 47.4

Manual Integrations
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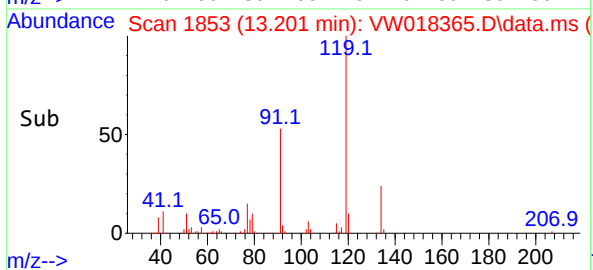
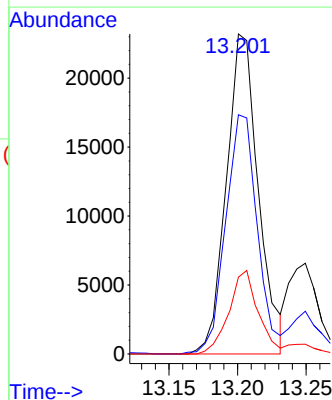
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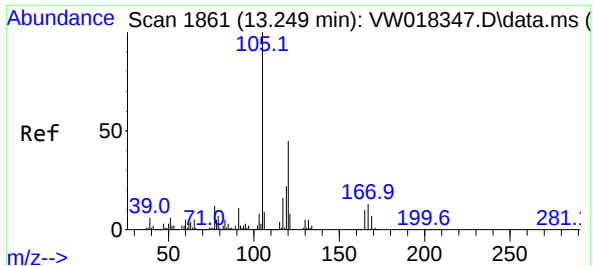


#83
tert-Butylbenzene
Concen: 2.69 ug/l
RT: 13.201 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



Tgt Ion: 119 Resp: 37715
Ion Ratio Lower Upper
119 100
91 73.8 34.9 104.7
134 23.8 12.3 36.9





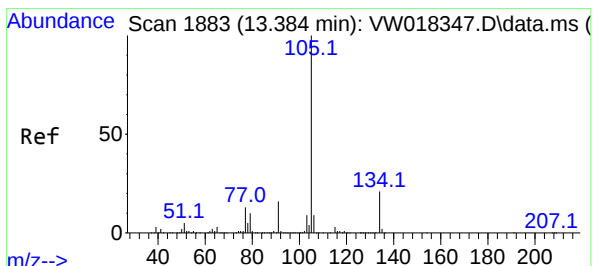
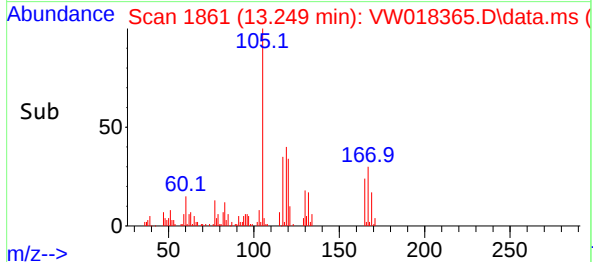
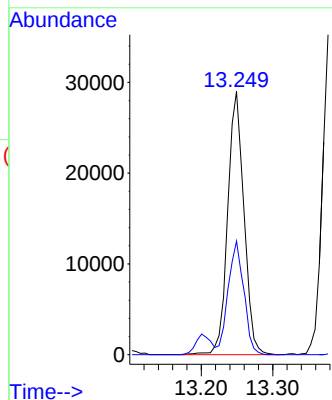
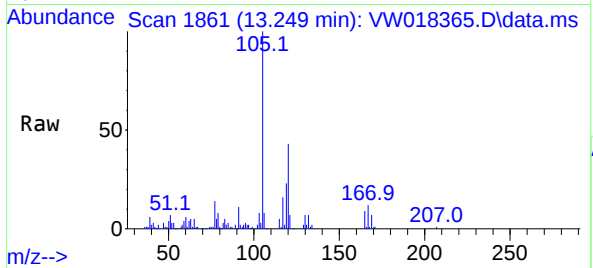
#84
1,2,4-Trimethylbenzene
Concen: 2.76 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion:105 Resp: 45725
Ion Ratio Lower Upper
105 100
120 41.8 21.3 64.0

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021

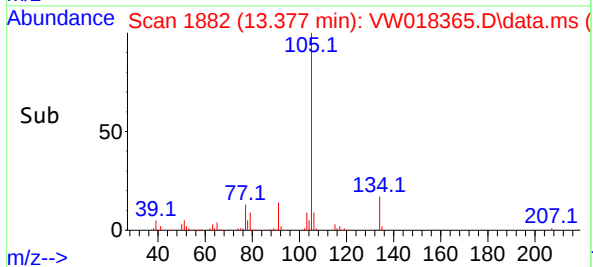
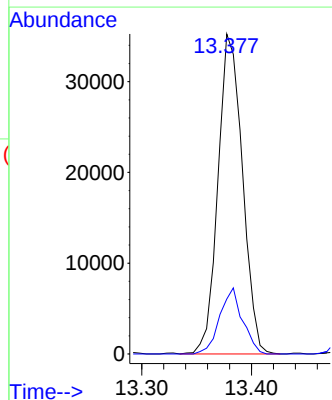
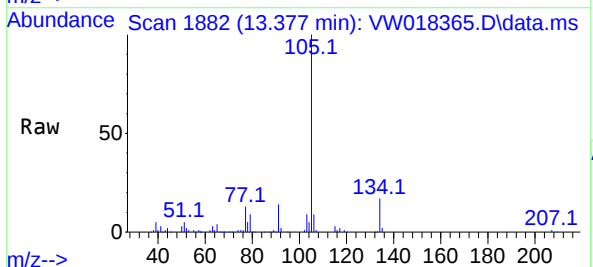
Manual Integrations
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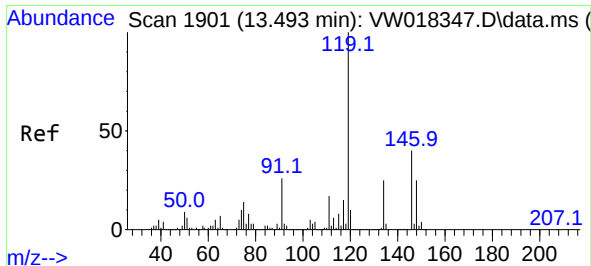
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#85
sec-Butylbenzene
Concen: 2.77 ug/l
RT: 13.377 min Scan# 1882
Delta R.T. -0.007 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

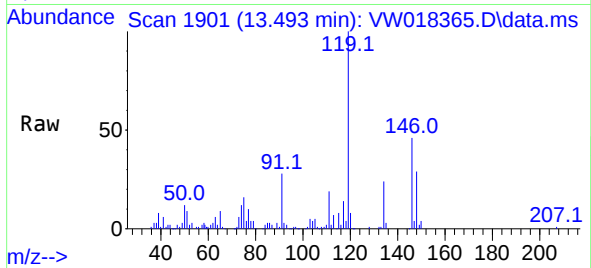
Tgt Ion:105 Resp: 54736
Ion Ratio Lower Upper
105 100
134 19.2 9.8 29.3





#86
p-Isopropyltoluene
Concen: 2.64 ug/l
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

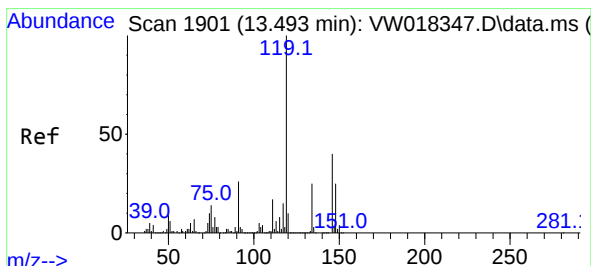
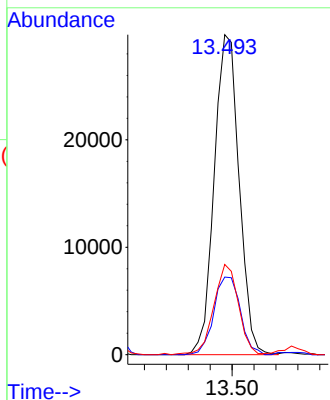
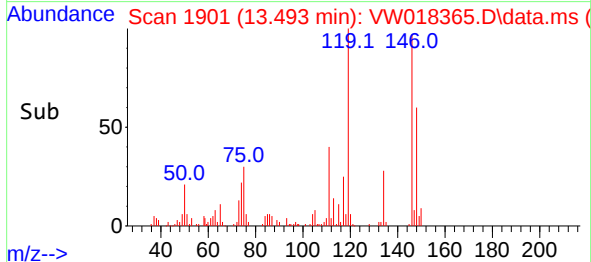
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021



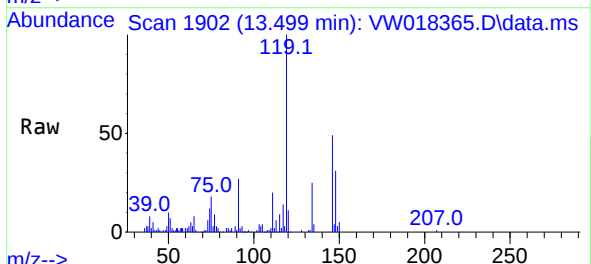
Tgt Ion:119 Resp: 46940
Ion Ratio Lower Upper
119 100
134 25.9 12.4 37.4
91 27.9 13.1 39.1

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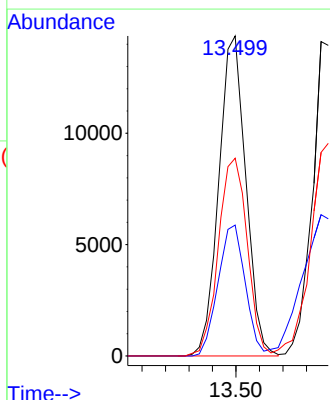
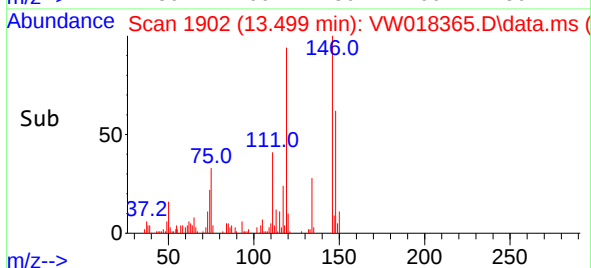
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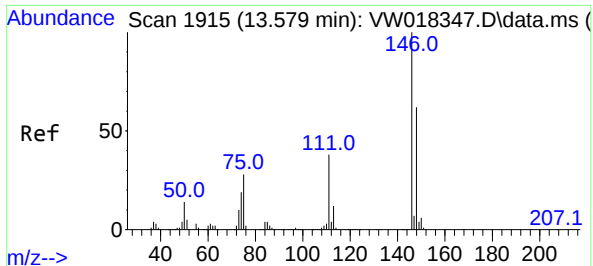


#87
1,3-Dichlorobenzene
Concen: 2.78 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



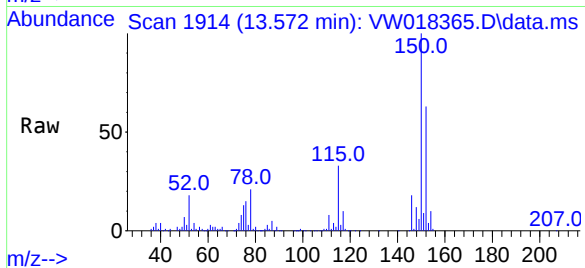
Tgt Ion:146 Resp: 23005
Ion Ratio Lower Upper
146 100
111 41.0 21.8 65.3
148 65.8 32.6 97.7





#88
1,4-Dichlorobenzene
Concen: 2.78 ug/l
RT: 13.572 min Scan# 1914
Delta R.T. -0.007 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

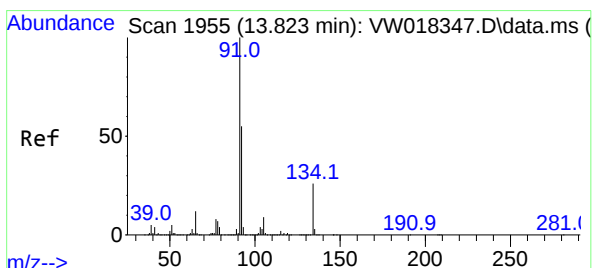
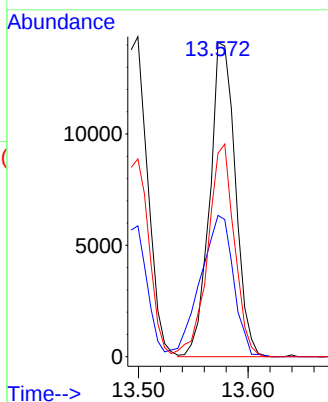
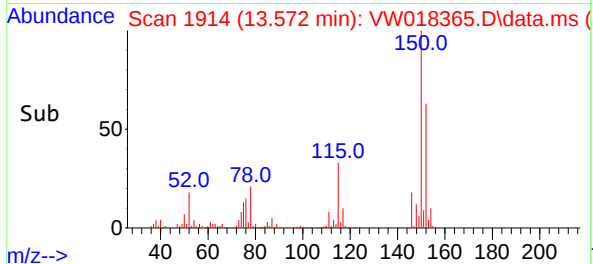
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021



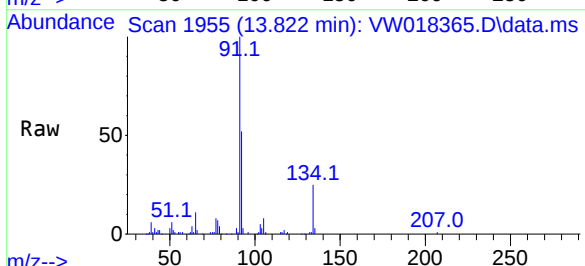
Tgt Ion:146 Resp: 22949
Ion Ratio Lower Upper
146 100
111 58.3 20.3 60.8
148 70.0 31.4 94.0

Manual Integrations
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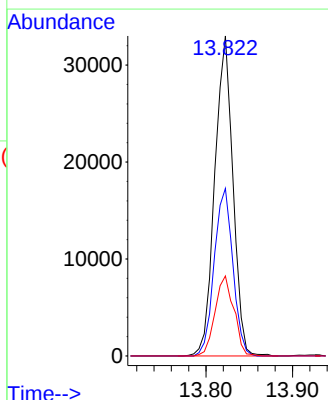
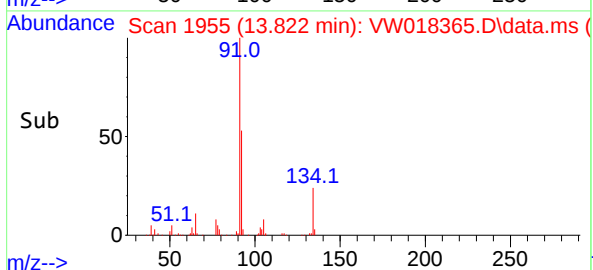
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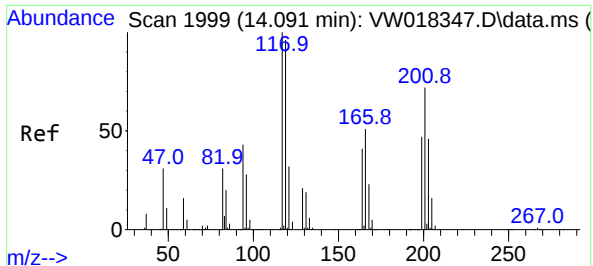


#89
n-Butylbenzene
Concen: 2.73 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. -0.001 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13



Tgt Ion: 91 Resp: 48136
Ion Ratio Lower Upper
91 100
92 53.6 26.6 79.8
134 25.9 12.4 37.4





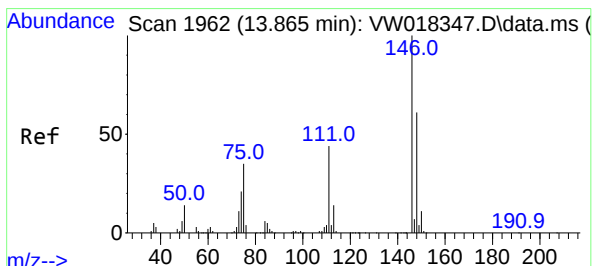
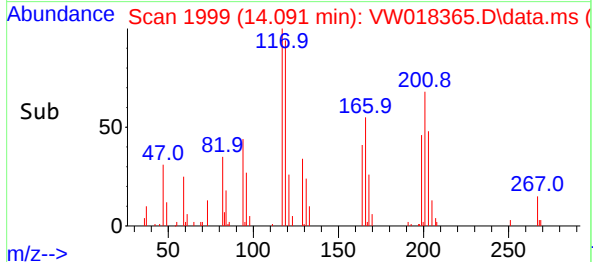
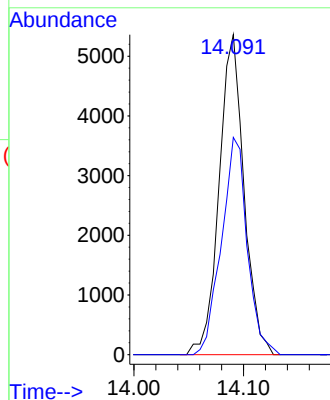
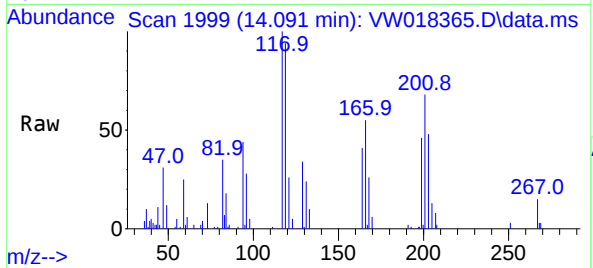
#90
Hexachloroethane
Concen: 2.59 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion:117 Resp: 8456
Ion Ratio Lower Upper
117 100
201 70.4 35.4 106.1

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021

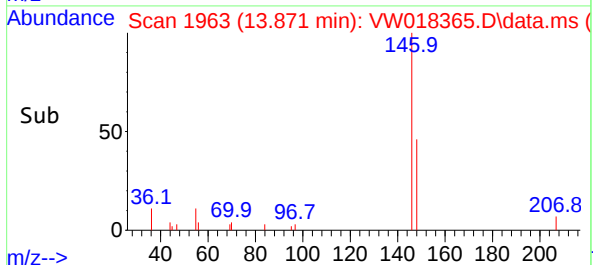
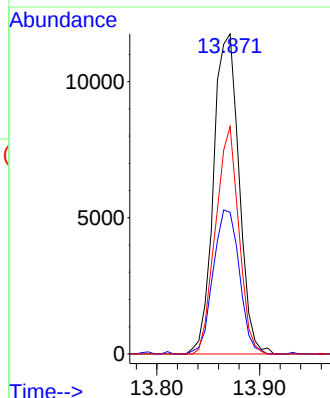
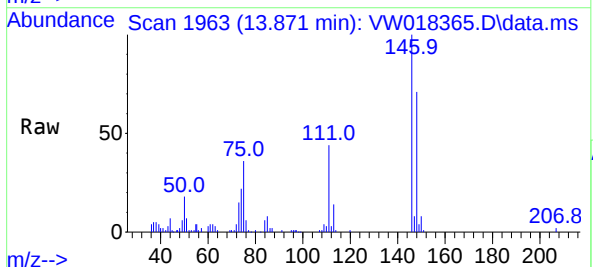
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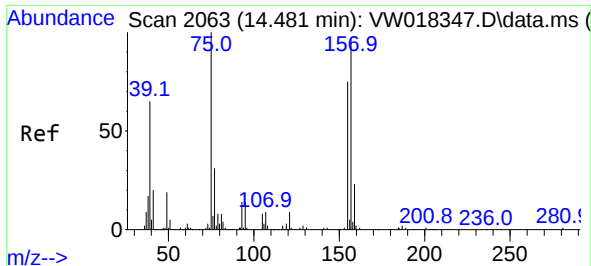
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#91
1,2-Dichlorobenzene
Concen: 2.76 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion:146 Resp: 20166
Ion Ratio Lower Upper
146 100
111 46.3 22.3 66.9
148 64.7 31.2 93.6





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.56 ug/l

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW018365.D

Acq: 18 Mar 2021 12:13

Tgt Ion: 75	Resp: 1483
Ion Ratio	Lower Upper
75 100	
155 79.4	38.0 113.9
157 86.6	49.9 149.7

Instrument :

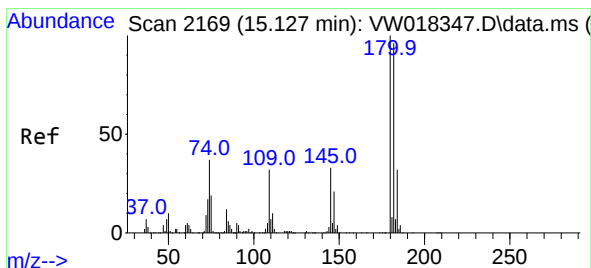
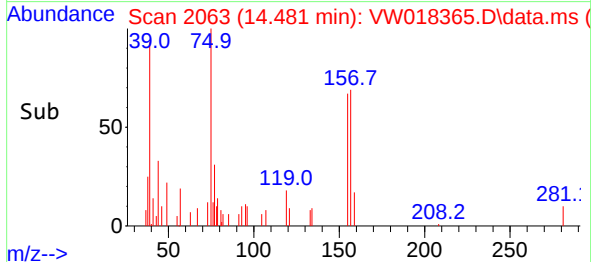
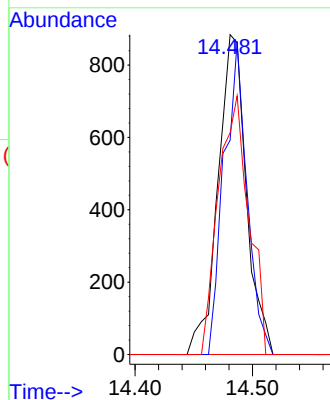
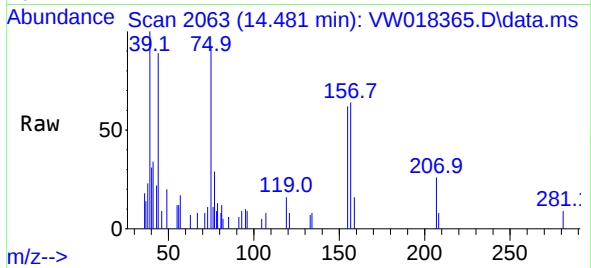
MSVOA_W

ClientSampleId :

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#93

1,2,4-Trichlorobenzene

Concen: 2.81 ug/l

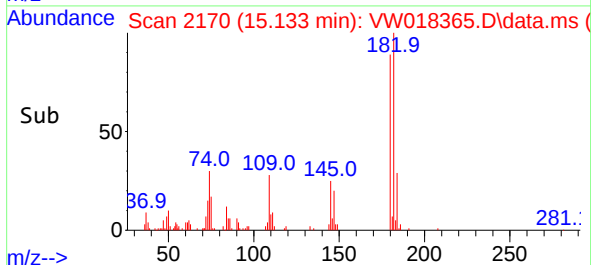
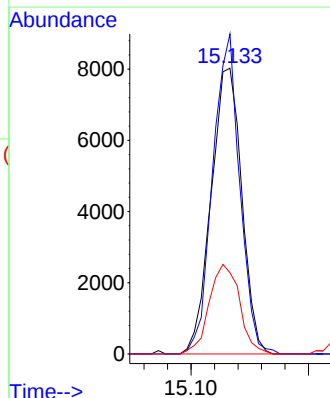
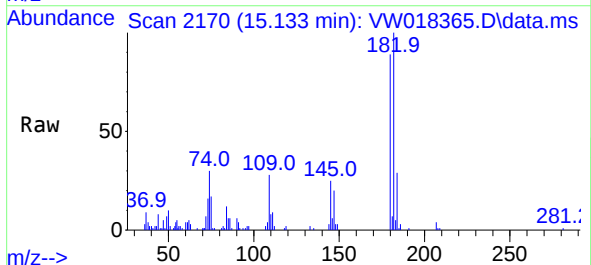
RT: 15.133 min Scan# 2170

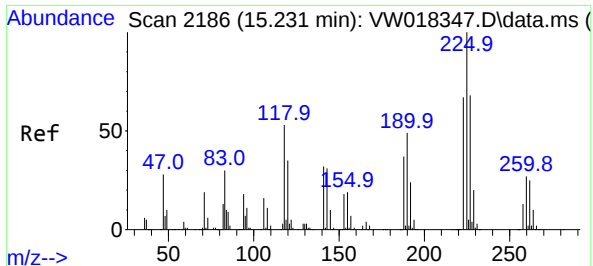
Delta R.T. 0.006 min

Lab File: VW018365.D

Acq: 18 Mar 2021 12:13

Tgt Ion:180	Resp:	14519	
Ion	Ratio	Lower	Upper
180	100		
182	98.8	50.0	150.0
145	31.2	17.9	53.8





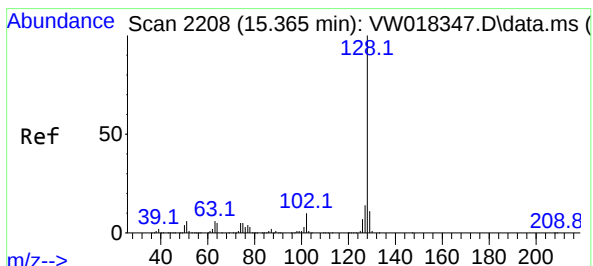
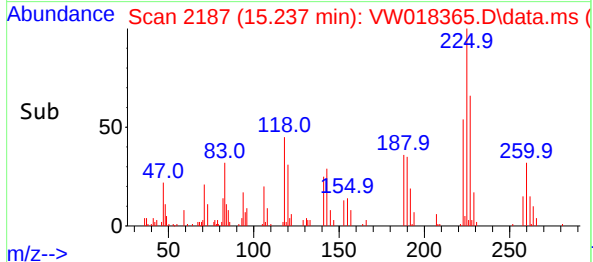
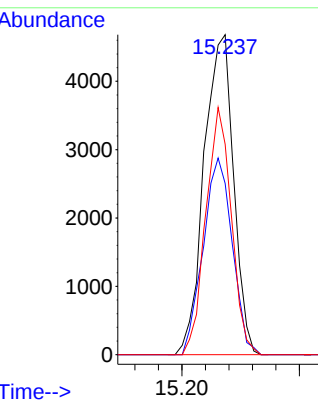
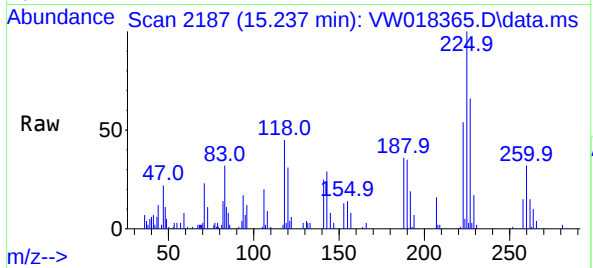
#94
Hexachlorobutadiene
Concen: 2.79 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion:	225	Resp:	8161
Ion Ratio	Lower	Upper	
225	100		
223	60.6	27.3	81.8
227	67.1	27.8	83.3

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021

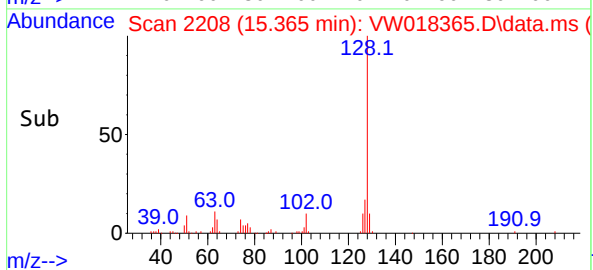
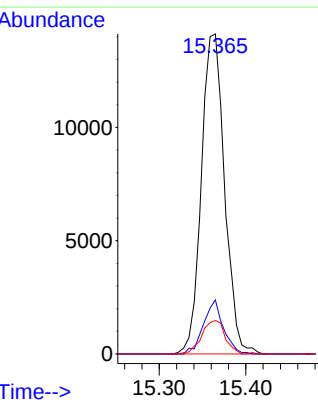
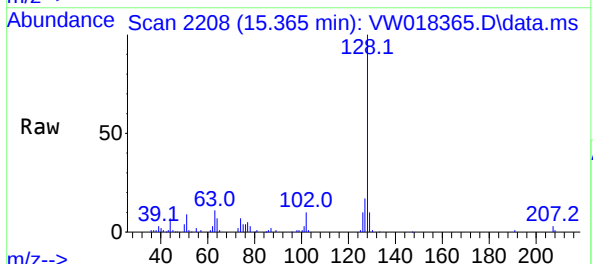
Manual Integrations
APPROVED

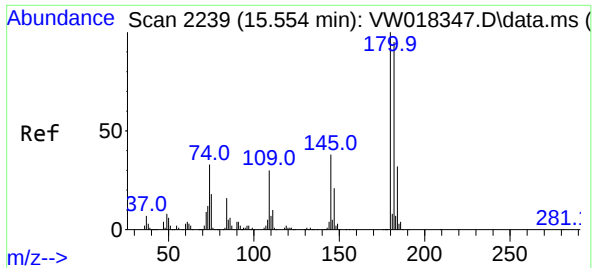
MMDadoda
3/19/2021 3:32:45 PM



#95
Naphthalene
Concen: 2.76 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion:	128	Resp:	26292
Ion Ratio	Lower	Upper	
128	100		
127	14.4	10.9	16.3
129	10.5	8.9	13.3





#96
1,2,3-Trichlorobenzene
Concen: 2.98 ug/l
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW018365.D
Acq: 18 Mar 2021 12:13

Tgt Ion:	180	Resp:	12813
Ion Ratio	Lower	Upper	
180	100		
182	97.8	45.1	135.2
145	35.0	17.8	53.3

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT1-2021

Manual Integrations
APPROVED

MMDadoda
3/19/2021 3:32:45 PM

