

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052521\
 Data File : VW019080.D
 Acq On : 25 May 2021 16:42
 Operator : SY/VA
 Sample : M2262-03 2.5PPBMDL
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

Manual Integrations
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Quant Time: May 26 03:28:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 26 03:28:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	338212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	575561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	522516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	246945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	226852	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
35) Dibromofluoromethane	7.884	113	196480	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
50) Toluene-d8	10.323	98	794784	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.615	95	274720	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	4527	1.90	ug/l	91
3) Chloromethane	2.215	50	6594	2.50	ug/l	98
4) Vinyl Chloride	2.361	62	8704	2.11	ug/l	97
5) Bromomethane	2.782	94	7948	2.38	ug/l	87
6) Chloroethane	2.928	64	5921	2.16	ug/l	98
7) Trichlorofluoromethane	3.263	101	4247	1.77	ug/l #	82
8) Diethyl Ether	3.690	74	4028	2.13	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.068	101	7876	2.18	ug/l	98
10) Methyl Iodide	4.281	142	10455	2.04	ug/l	99
11) Tert butyl alcohol	5.178	59	5649m	27.24	ug/l	
12) 1,1-Dichloroethene	4.056	96	7655	2.03	ug/l	96
13) Acrolein	3.897	56	2103	8.21	ug/l	95
14) Allyl chloride	4.678	41	9701	1.93	ug/l	96
15) Acrylonitrile	5.379	53	7508	10.82	ug/l	99
16) Acetone	4.141	43	10411	15.95	ug/l	88
17) Carbon Disulfide	4.391	76	19192	1.88	ug/l	97
18) Methyl Acetate	4.684	43	4517	2.56	ug/l	91
19) Methyl tert-butyl Ether	5.434	73	9862	2.15	ug/l	99
20) Methylene Chloride	4.922	84	38380	8.11	ug/l	99
21) trans-1,2-Dichloroethene	5.428	96	8962	2.13	ug/l	86
22) Diisopropyl ether	6.318	45	18725	1.92	ug/l	97
23) Vinyl Acetate	6.263	43	53744	8.37	ug/l	99
24) 1,1-Dichloroethane	6.214	63	15804	2.09	ug/l #	92
25) 2-Butanone	7.183	43	12731	13.22	ug/l	92
26) 2,2-Dichloropropane	7.159	77	11861	2.75	ug/l	85
27) cis-1,2-Dichloroethene	7.171	96	9610	2.08	ug/l	86
28) Bromochloromethane	7.519	49	6247	2.09	ug/l #	92
29) Tetrahydrofuran	7.531	42	6004	11.00	ug/l	93
30) Chloroform	7.683	83	16634	2.19	ug/l	92
31) Cyclohexane	7.951	56	20040	3.12	ug/l #	61
32) 1,1,1-Trichloroethane	7.872	97	11749	2.01	ug/l	97
36) 1,1-Dichloropropene	8.086	75	13088	2.04	ug/l	99
37) Ethyl Acetate	7.263	43	5648	2.43	ug/l	98
38) Carbon Tetrachloride	8.067	117	10842	1.90	ug/l	99
39) Methylcyclohexane	9.335	83	13587	1.90	ug/l	95
40) Benzene	8.323	78	36913	2.11	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.494	41	2591	1.91	ug/l	87
42) 1,2-Dichloroethane	8.403	62	11091	2.15	ug/l	99
43) Isopropyl Acetate	8.427	43	8989	2.01	ug/l	99
44) Trichloroethene	9.091	130	9076	1.97	ug/l	100
45) 1,2-Dichloropropane	9.372	63	8664	2.04	ug/l	91
46) Dibromomethane	9.457	93	4390	1.99	ug/l	98
47) Bromodichloromethane	9.640	83	11415	2.00	ug/l #	89
48) Methyl methacrylate	9.439	41	4126	1.97	ug/l	92
49) 1,4-Dioxane	9.469	88	1079	40.62	ug/l #	39
51) 4-Methyl-2-Pentanone	10.213	43	24459	10.76	ug/l	97
52) Toluene	10.390	92	22880	2.05	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	9912	1.75	ug/l	90
54) cis-1,3-Dichloropropene	10.073	75	12064	1.79	ug/l	94
55) 1,1,2-Trichloroethane	10.792	97	6655	2.13	ug/l	94
56) Ethyl methacrylate	10.646	69	7017	1.79	ug/l	96
57) 1,3-Dichloropropane	10.933	76	10830	1.94	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.927	63	18233	9.20	ug/l	97
59) 2-Hexanone	10.969	43	13954	9.13	ug/l	98
60) Dibromochloromethane	11.128	129	6340	1.81	ug/l	98
61) 1,2-Dibromoethane	11.237	107	6102	2.07	ug/l	97
64) Tetrachloroethene	10.859	164	7670	2.05	ug/l	97
65) Chlorobenzene	11.658	112	24427	2.10	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	7209	1.81	ug/l #	65
67) Ethyl Benzene	11.731	91	42723	1.94	ug/l	98
68) m/p-Xylenes	11.841	106	31101	3.85	ug/l	97
69) o-Xylene	12.164	106	13847	1.81	ug/l	92
70) Styrene	12.182	104	23057	1.81	ug/l	99
71) Bromoform	12.341	173	3455	1.81	ug/l #	98
73) Isopropylbenzene	12.463	105	37986	1.88	ug/l	100
74) N-amyl acetate	12.274	43	7385	1.82	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.713	83	7686	2.24	ug/l	93
76) 1,2,3-Trichloropropane	12.762	75	5154m	2.19	ug/l	
77) Bromobenzene	12.749	156	8834	2.05	ug/l	91
78) n-propylbenzene	12.804	91	46578	1.87	ug/l	99
79) 2-Chlorotoluene	12.890	91	26981	1.92	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	32769	1.93	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.512	75	1777m	1.70	ug/l	
82) 4-Chlorotoluene	12.987	91	27905	1.88	ug/l	100
83) tert-Butylbenzene	13.207	119	26172	1.81	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	31932	1.88	ug/l	100
85) sec-Butylbenzene	13.383	105	39405	1.81	ug/l	97
86) p-Isopropyltoluene	13.499	119	32254	1.74	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	18199	2.04	ug/l	97
88) 1,4-Dichlorobenzene	13.578	146	19997	2.28	ug/l	89
89) n-Butylbenzene	13.822	91	34451	1.86	ug/l	98
90) Hexachloroethane	14.091	117	5403	1.85	ug/l	92
91) 1,2-Dichlorobenzene	13.871	146	16631	2.14	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	1188	2.17	ug/l	89
93) 1,2,4-Trichlorobenzene	15.133	180	11478	2.14	ug/l	94
94) Hexachlorobutadiene	15.231	225	6222	2.05	ug/l	97
95) Naphthalene	15.365	128	19486	2.07	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	10023	2.21	ug/l	95

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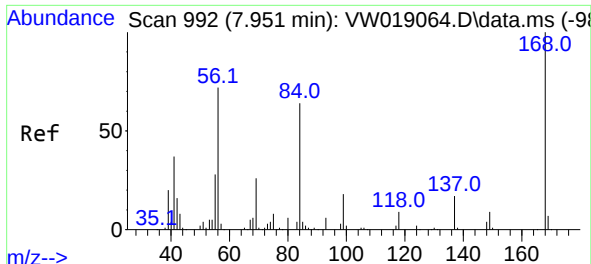
Manual Integrations
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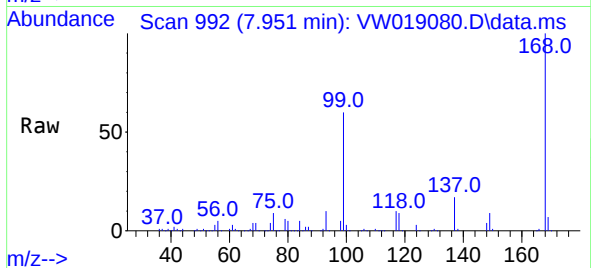
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

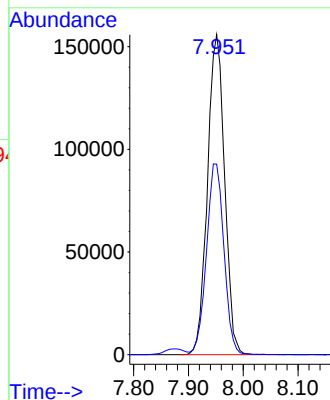
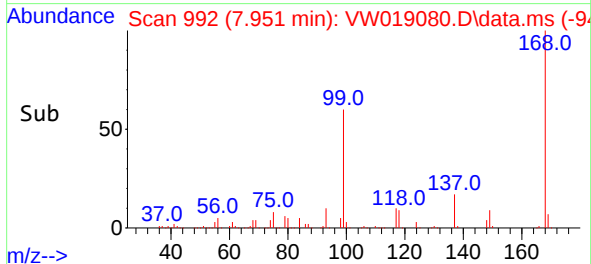
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW019080.D
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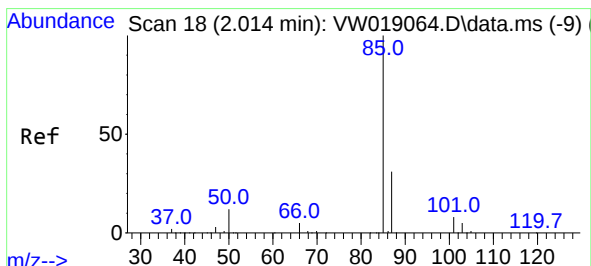
Tgt Ion: 168 Resp: 338212
Ion Ratio Lower Upper
168 100
99 59.5 48.8 73.2



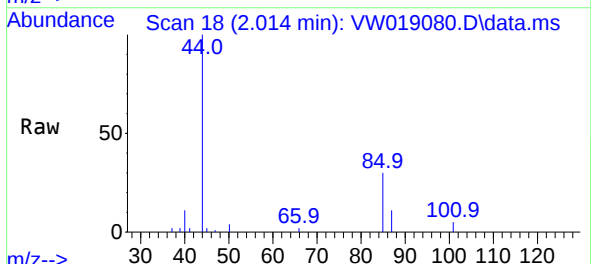
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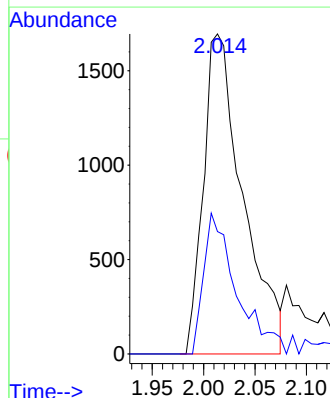
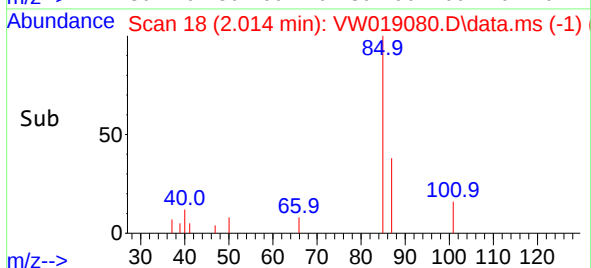
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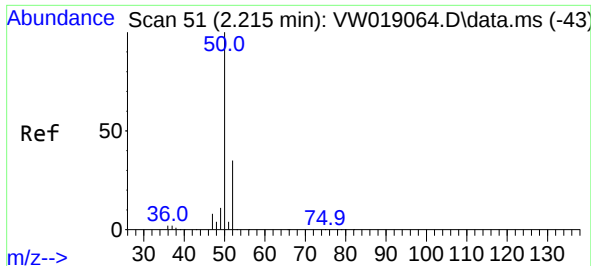


#2
Dichlorodifluoromethane
Concen: 1.90 ug/l
RT: 2.014 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



Tgt Ion: 85 Resp: 4527
Ion Ratio Lower Upper
85 100
87 38.2 16.7 50.0





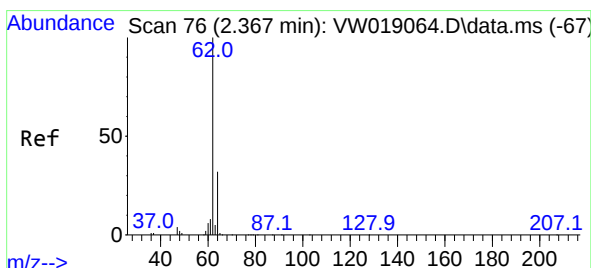
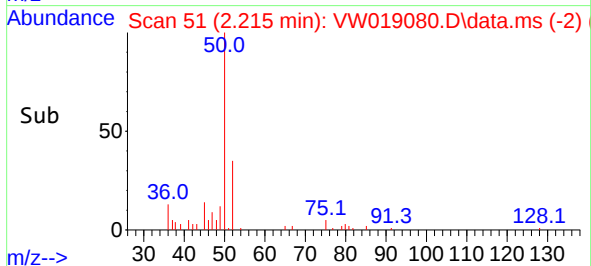
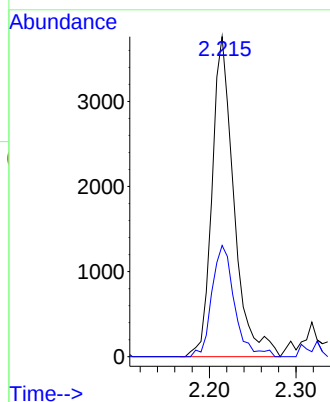
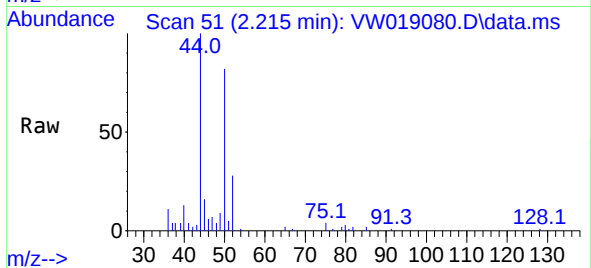
#3
Chloromethane
Concen: 2.50 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion: 50 Resp: 6594
Ion Ratio Lower Upper
50 100
52 34.7 26.9 40.3

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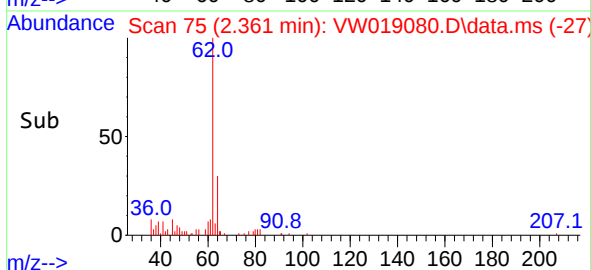
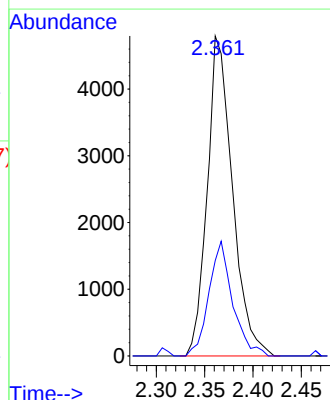
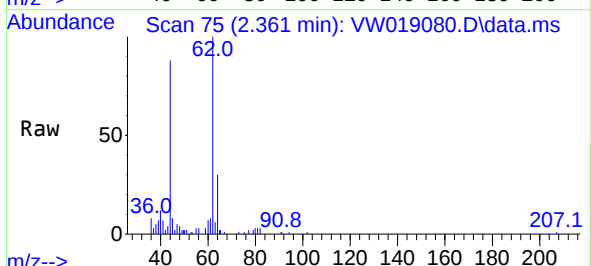
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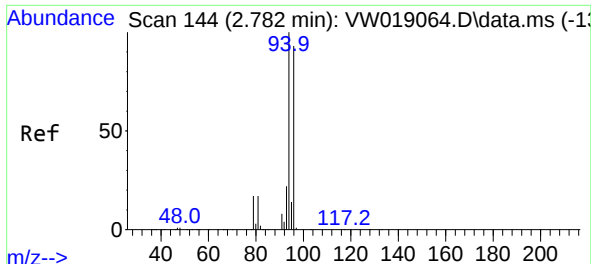
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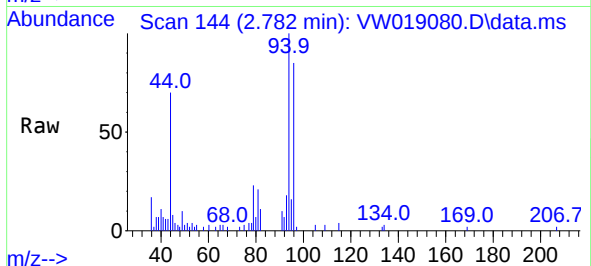
#4
Vinyl Chloride
Concen: 2.11 ug/l
RT: 2.361 min Scan# 75
Delta R.T. -0.006 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion: 62 Resp: 8704
Ion Ratio Lower Upper
62 100
64 29.8 25.3 37.9

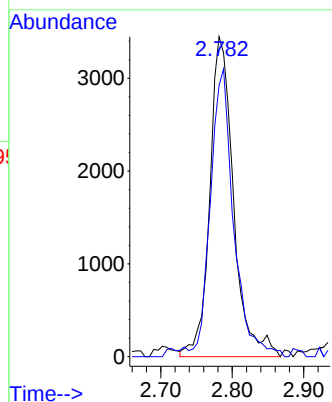




#5
Bromomethane
Concen: 2.38 ug/l
RT: 2.782 min Scan# 144
Delta R.T. -0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



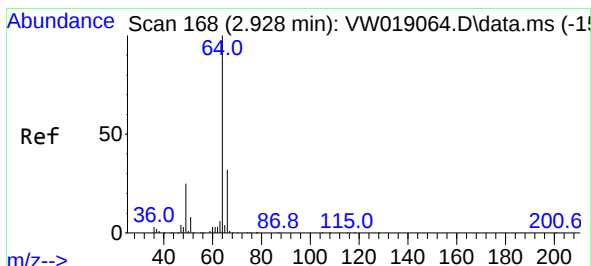
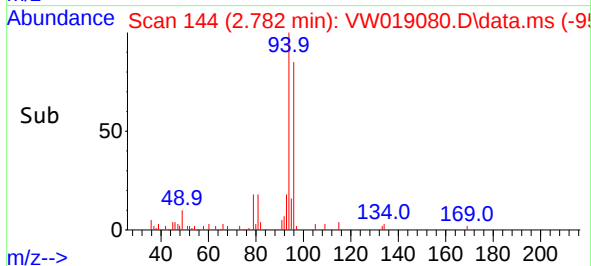
Tgt Ion: 94 Resp: 7948
Ion Ratio Lower Upper
94 100
96 82.9 76.4 114.6



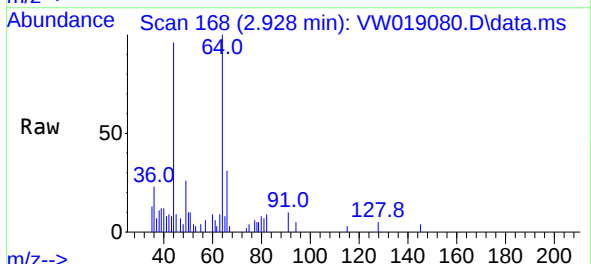
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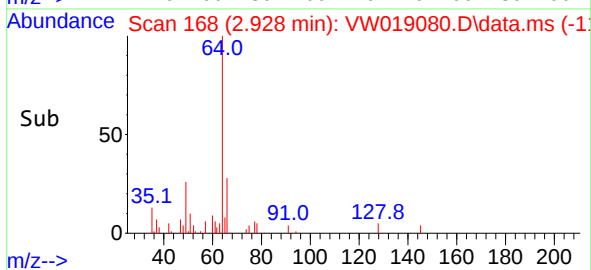
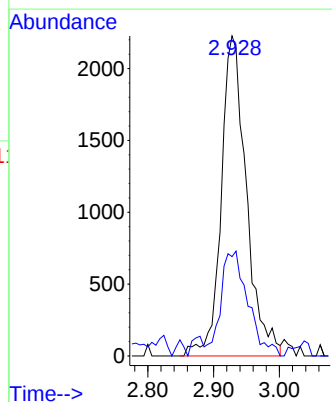
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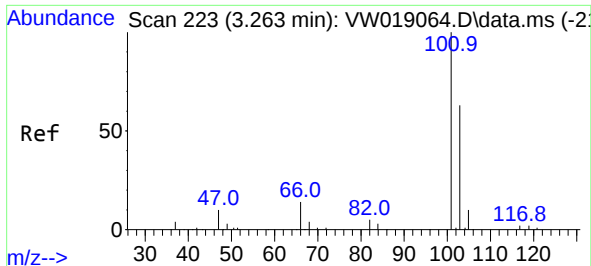


#6
Chloroethane
Concen: 2.16 ug/l
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



Tgt Ion: 64 Resp: 5921
Ion Ratio Lower Upper
64 100
66 31.0 25.9 38.9





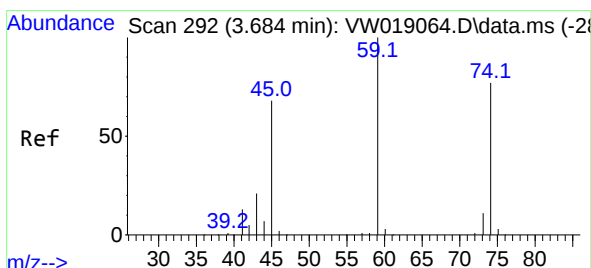
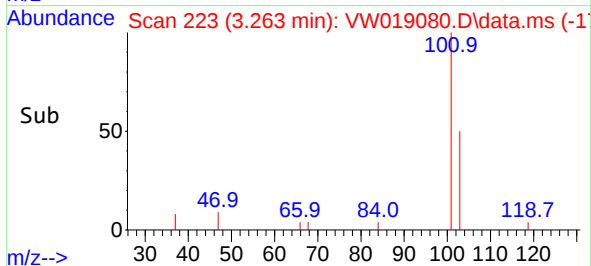
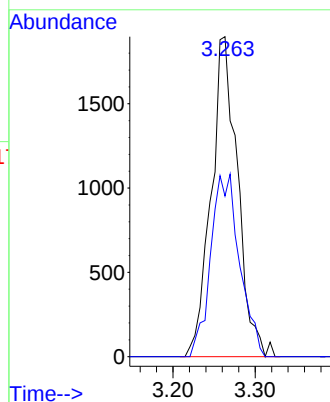
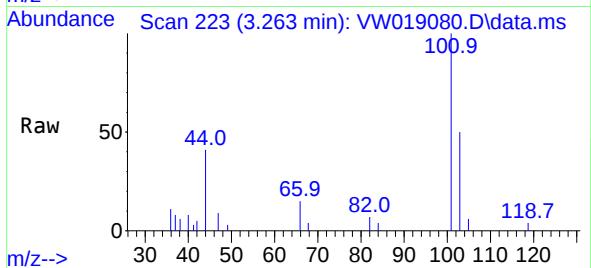
#7
Trichlorofluoromethane
Concen: 1.77 ug/l
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion: 101 Resp: 4247
Ion Ratio Lower Upper
101 100
103 50.2 51.4 77.2#

Instrument :
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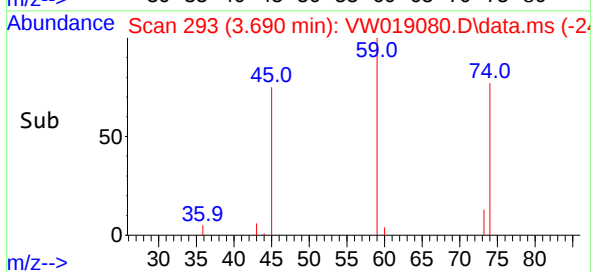
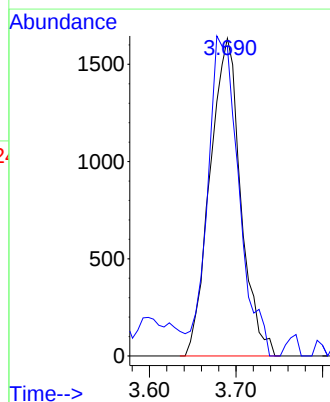
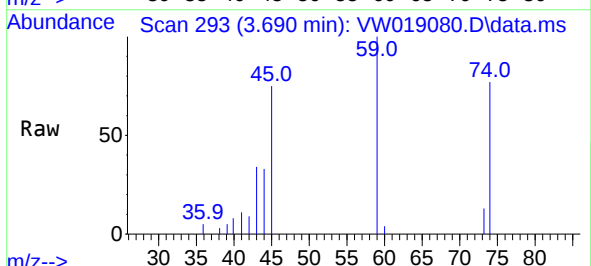
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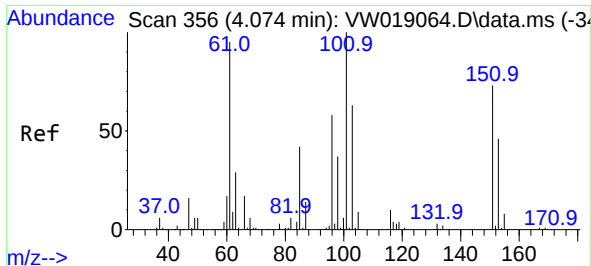
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#8
Diethyl Ether
Concen: 2.13 ug/l
RT: 3.690 min Scan# 293
Delta R.T. 0.006 min
Lab File: VW019080.D
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Tgt Ion: 74 Resp: 4028
Ion Ratio Lower Upper
74 100
45 101.7 43.3 129.8





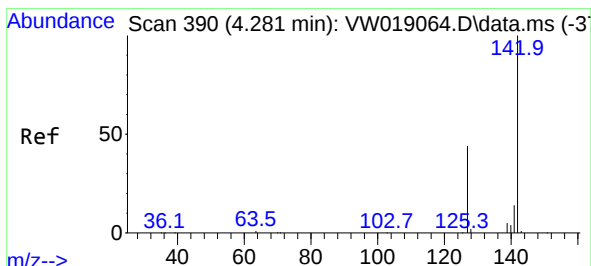
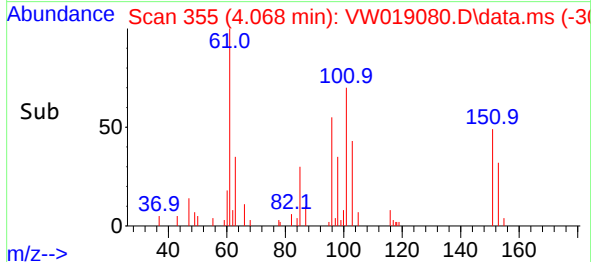
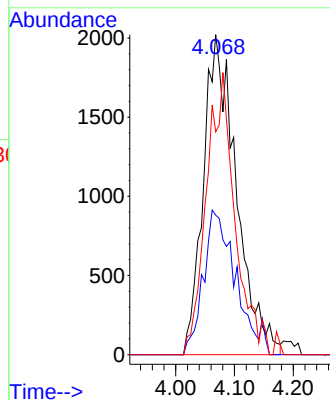
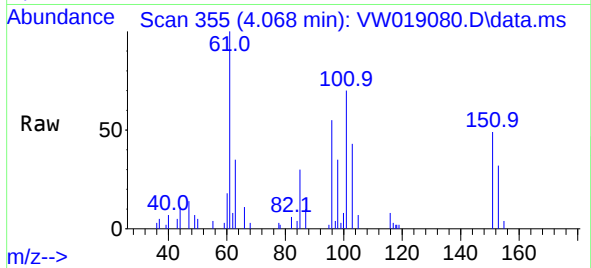
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.18 ug/l
RT: 4.068 min Scan# 355
Delta R.T. -0.006 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion:101 Resp: 7876
Ion Ratio Lower Upper
101 100
85 42.9 35.9 53.9
151 76.3 59.8 89.6

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

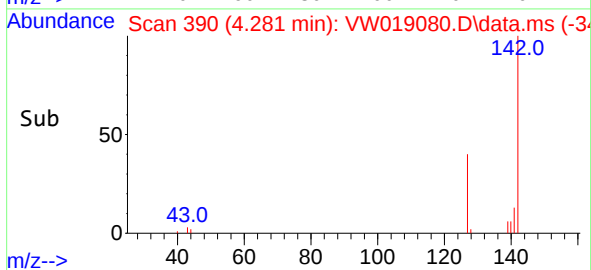
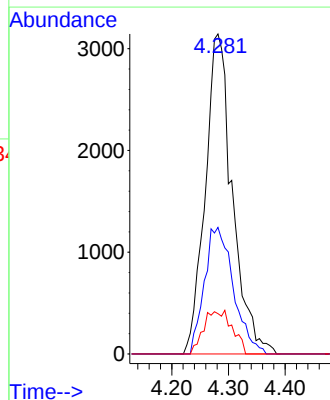
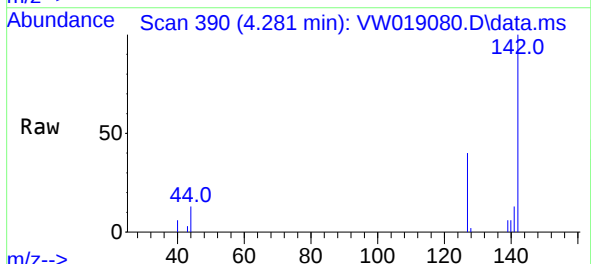
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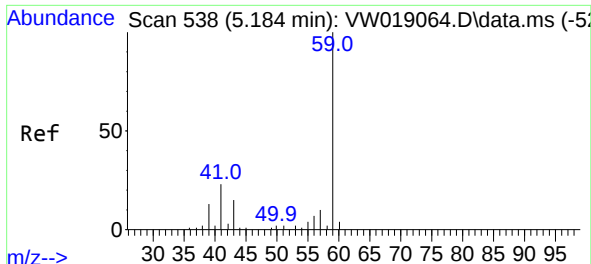
MMDadoda
5/27/2021 10:29:34 AM



#10
Methyl Iodide
Concen: 2.04 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion:142 Resp: 10455
Ion Ratio Lower Upper
142 100
127 42.4 33.7 50.5
141 14.3 11.2 16.8





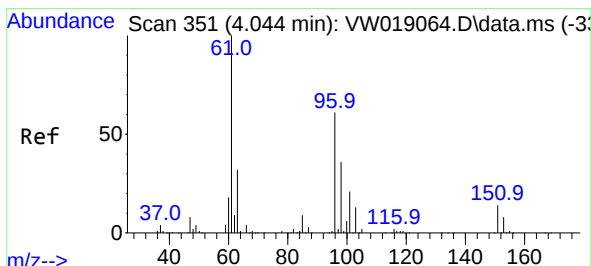
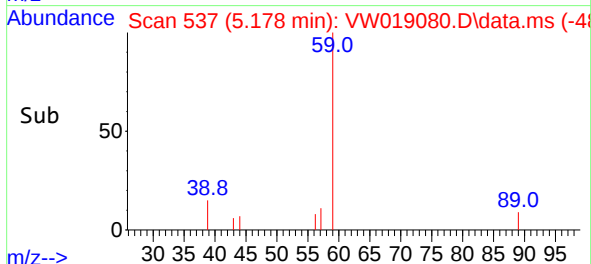
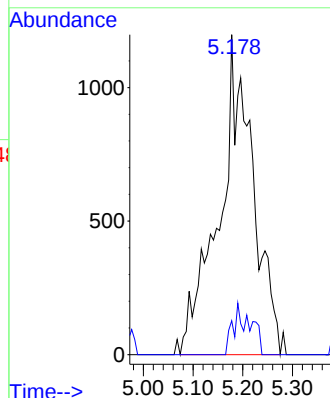
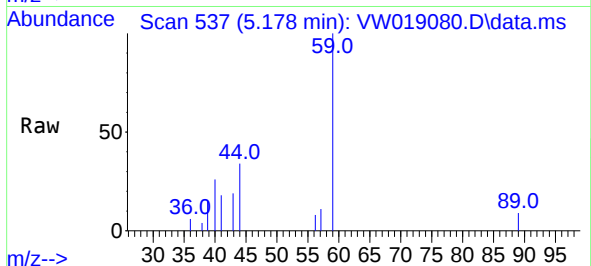
#11
Tert butyl alcohol
Concen: 27.24 ug/l m
RT: 5.178 min Scan# 537
Delta R.T. -0.006 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion: 59 Resp: 5649
Ion Ratio Lower Upper
59 100
57 4.4 8.9 13.3#

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

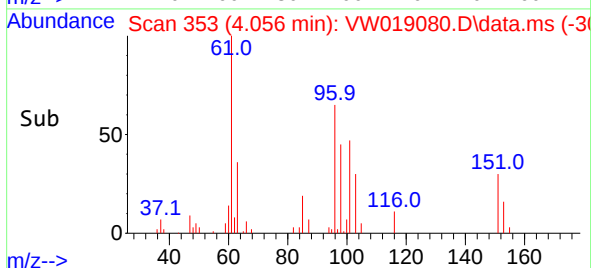
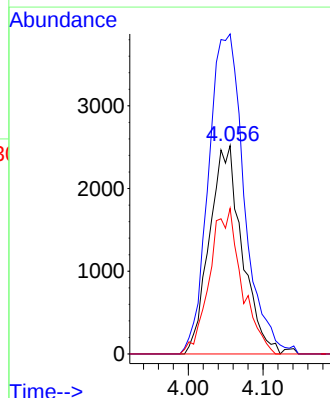
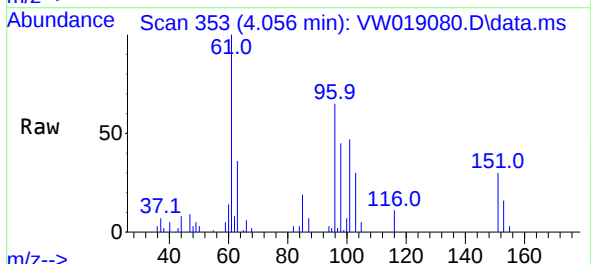
Manual Integrations
APPROVED

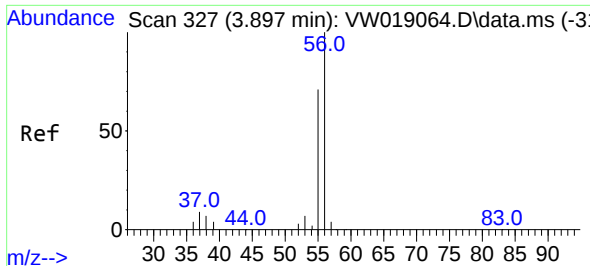
MMDadoda
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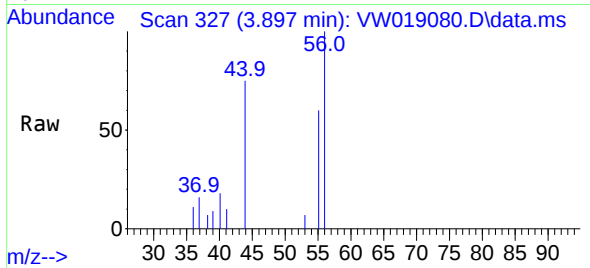
#12
1,1-Dichloroethene
Concen: 2.03 ug/l
RT: 4.056 min Scan# 353
Delta R.T. 0.012 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion: 96 Resp: 7655
Ion Ratio Lower Upper
96 100
61 153.7 123.0 184.4
98 69.9 47.5 71.3

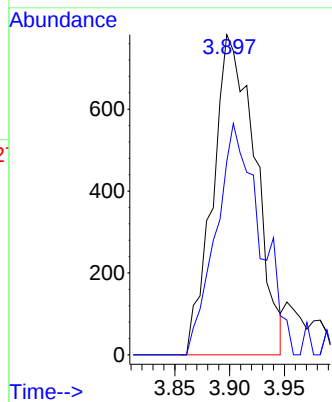
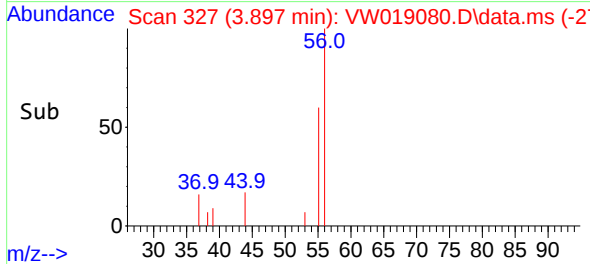




#13
Acrolein
Concen: 8.21 ug/l
RT: 3.897 min Scan# 327
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



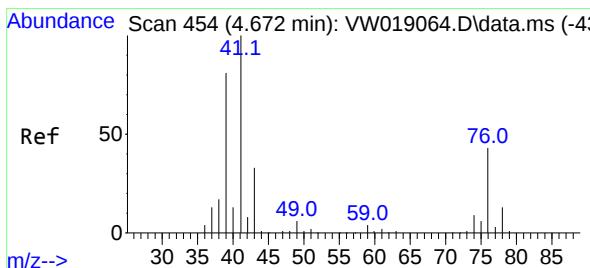
Tgt Ion: 56 Resp: 2103
Ion Ratio Lower Upper
56 100
55 75.4 56.7 85.1



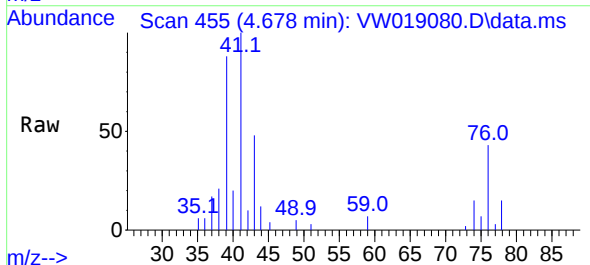
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

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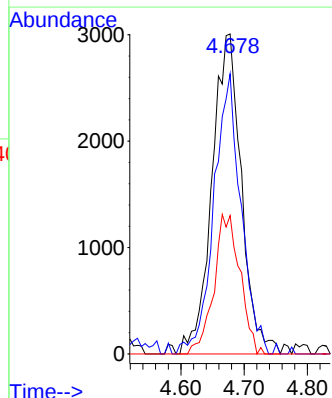
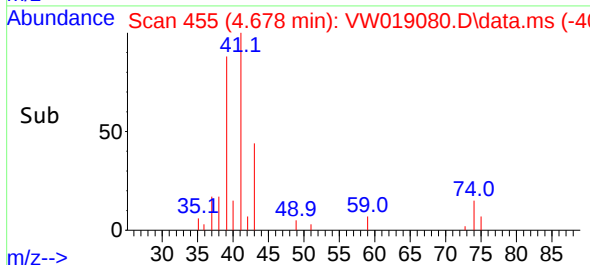
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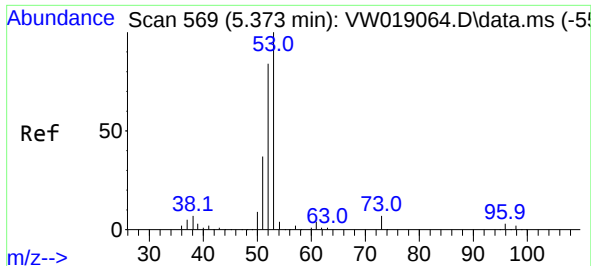


#14
Allyl chloride
Concen: 1.93 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



Tgt Ion: 41 Resp: 9701
Ion Ratio Lower Upper
41 100
39 80.8 63.9 95.9
76 38.6 35.1 52.7





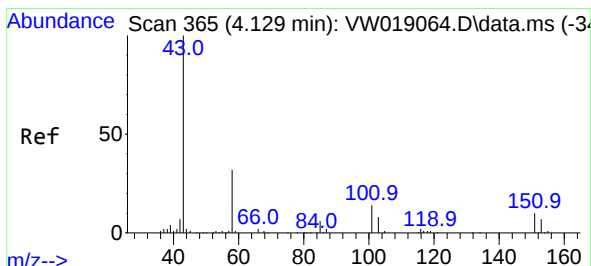
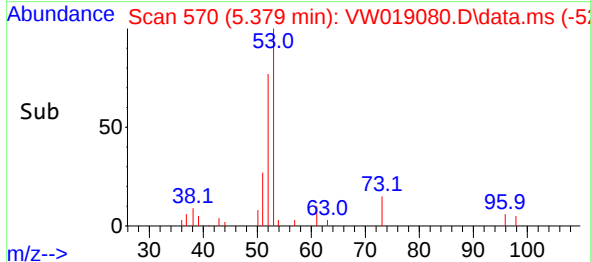
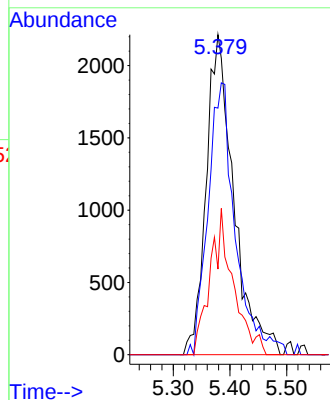
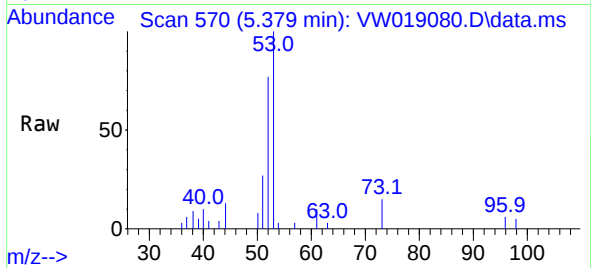
#15
Acrylonitrile
Concen: 10.82 ug/l
RT: 5.379 min Scan# 570
Delta R.T. 0.006 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion:	53	Resp:	7508
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.5	99.7
51	38.1	29.8	44.8

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

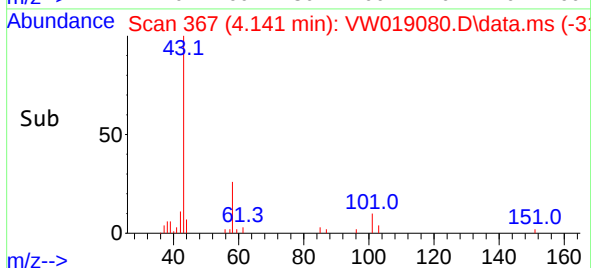
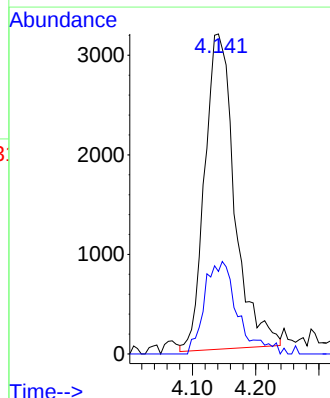
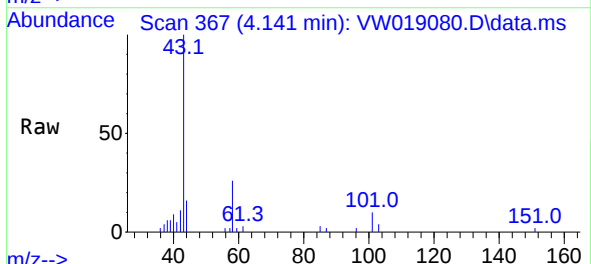
Manual Integrations
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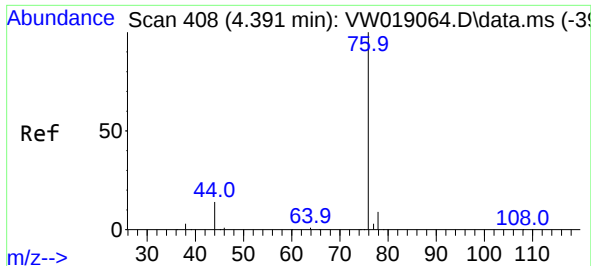
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#16
Acetone
Concen: 15.95 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

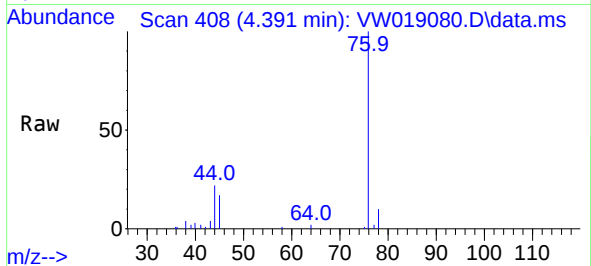
Tgt Ion:	43	Resp:	10411
Ion	Ratio	Lower	Upper
43	100		
58	26.5	26.4	39.6



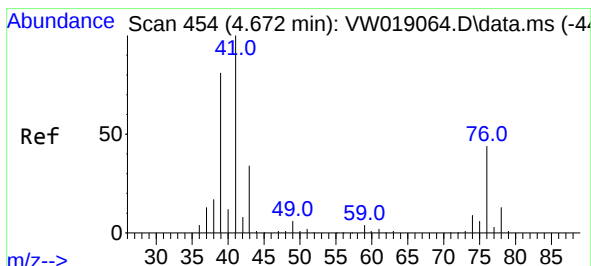
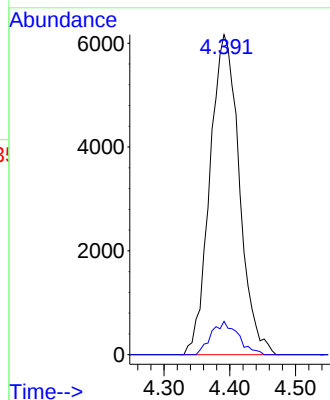
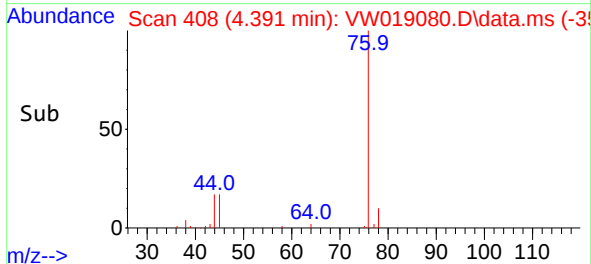


#17
Carbon Disulfide
Concen: 1.88 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

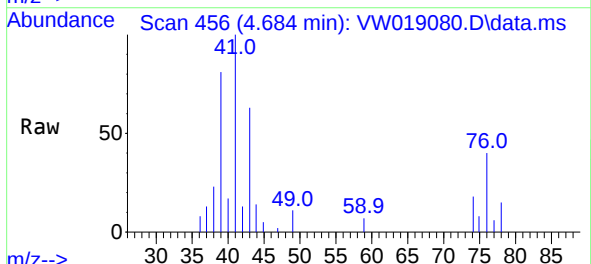
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021



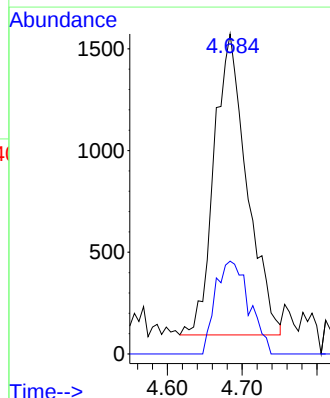
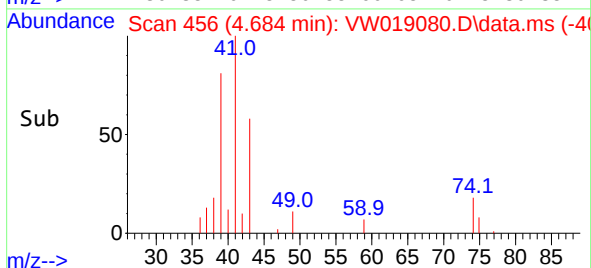
Tgt Ion: 76 Resp: 19192
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.2

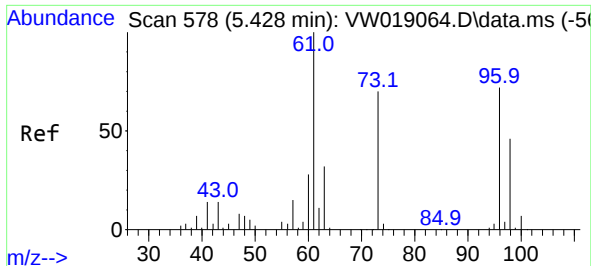


#18
Methyl Acetate
Concen: 2.56 ug/l
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



Tgt Ion: 43 Resp: 4517
Ion Ratio Lower Upper
43 100
74 31.7 21.8 32.8





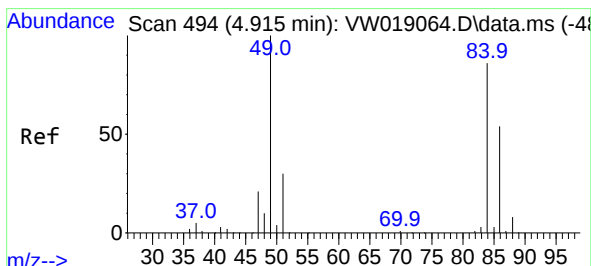
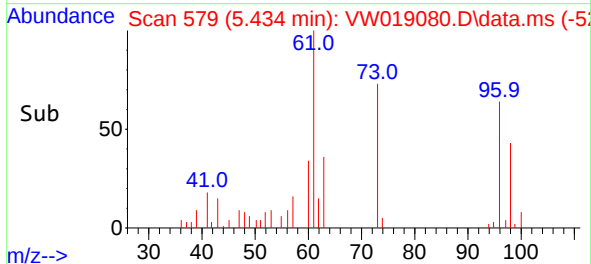
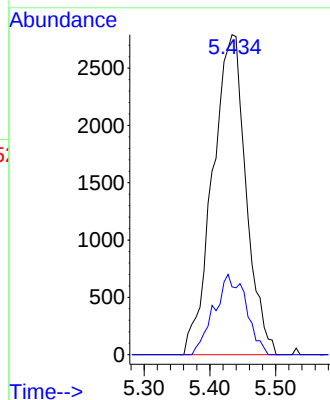
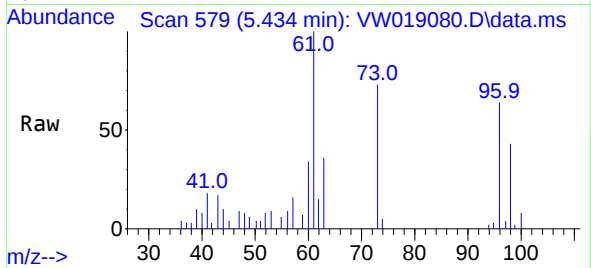
#19
Methyl tert-butyl Ether
Concen: 2.15 ug/l
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion: 73 Resp: 9862
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.0

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

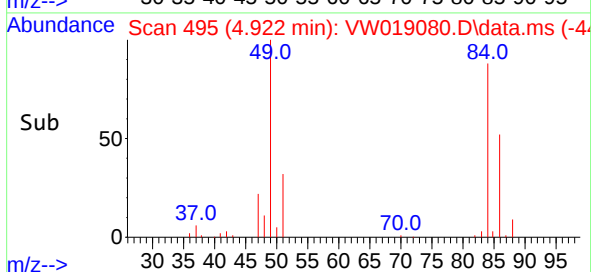
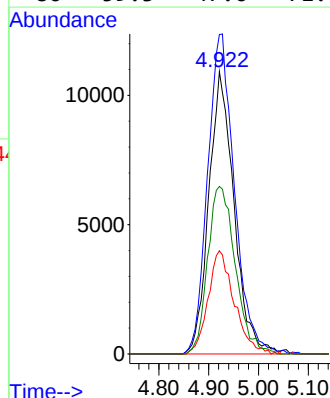
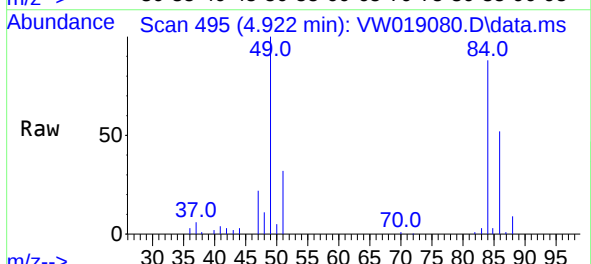
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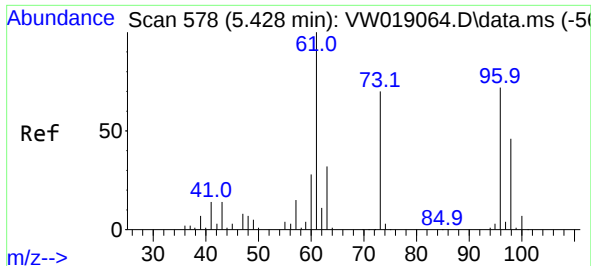
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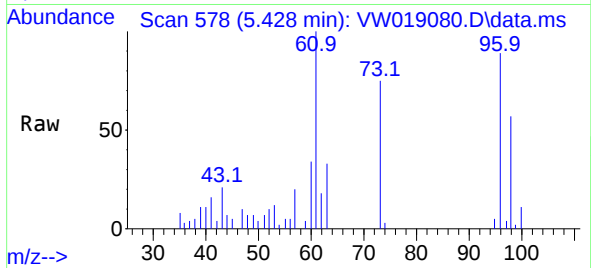
#20
Methylene Chloride
Concen: 8.11 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.007 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion: 84 Resp: 38380
Ion Ratio Lower Upper
84 100
49 113.1 90.4 135.6
51 36.5 27.1 40.7
86 59.3 47.6 71.4



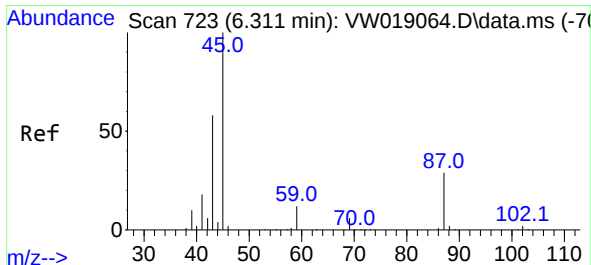
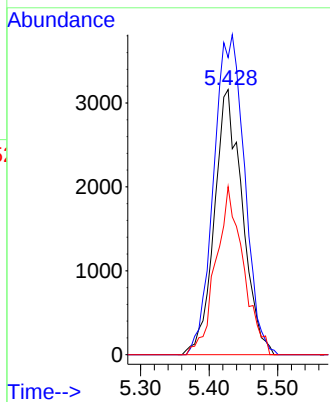
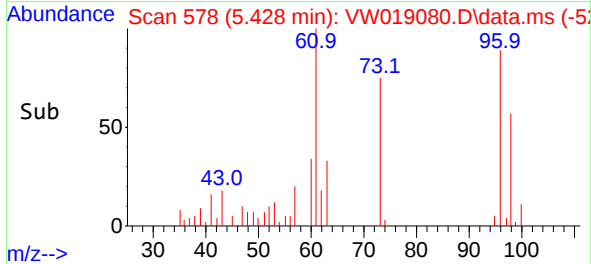


#21
trans-1,2-Dichloroethene
Concen: 2.13 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

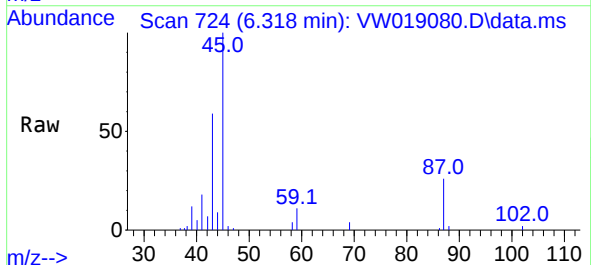


Tgt Ion: 96 Resp: 8962

Ion	Ratio	Lower	Upper
96	100		
61	112.1	108.5	162.7
98	63.4	49.4	74.0

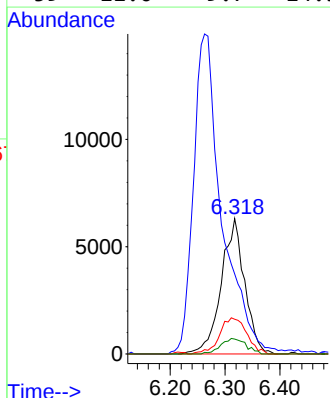
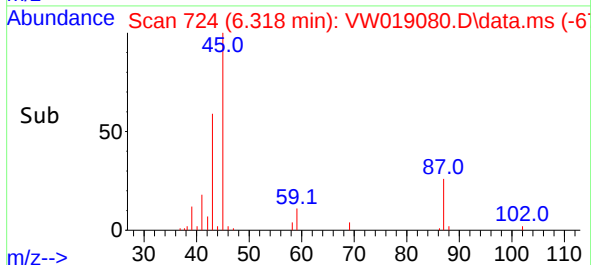


#22
Diisopropyl ether
Concen: 1.92 ug/l
RT: 6.318 min Scan# 724
Delta R.T. 0.006 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



Tgt Ion: 45 Resp: 18725

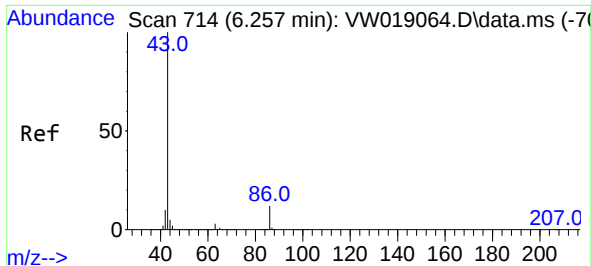
Ion	Ratio	Lower	Upper
45	100		
43	56.7	46.1	69.1
87	25.6	23.4	35.2
59	11.0	9.7	14.5



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

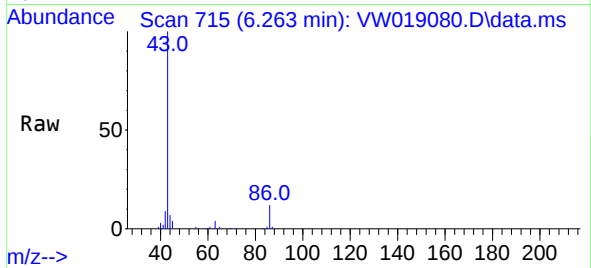
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#23
 Vinyl Acetate
 Concen: 8.37 ug/l
 RT: 6.263 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW019080.D
 Acq: 25 May 2021 16:42

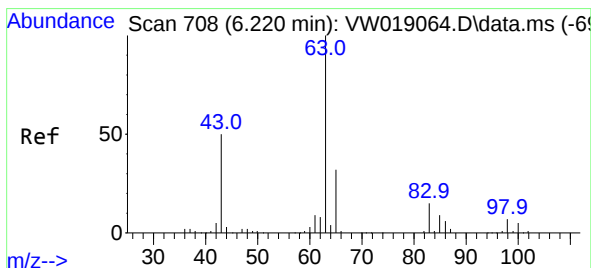
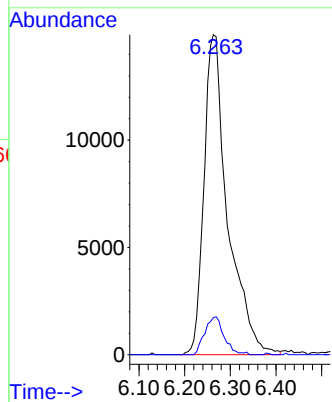
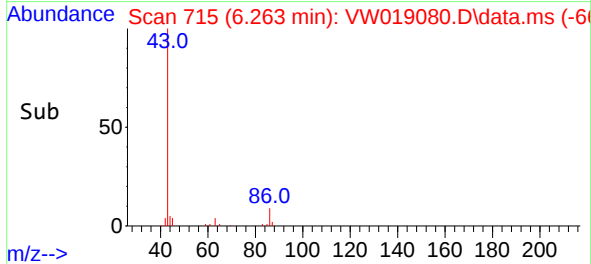
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 MDL-SOIL-03-QT2-2021



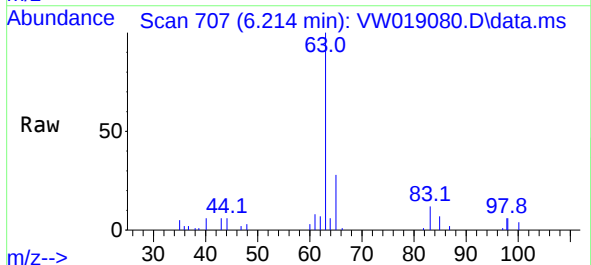
Tgt Ion: 43 Resp: 53744
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.6 14.4

Manual Integrations
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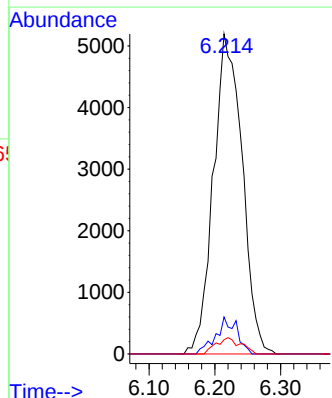
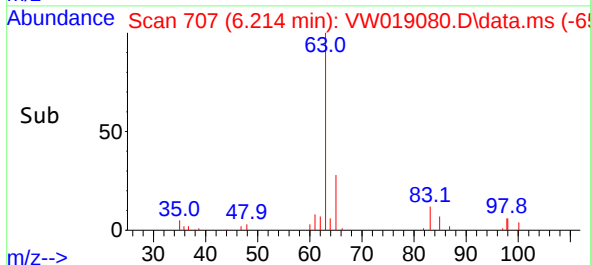
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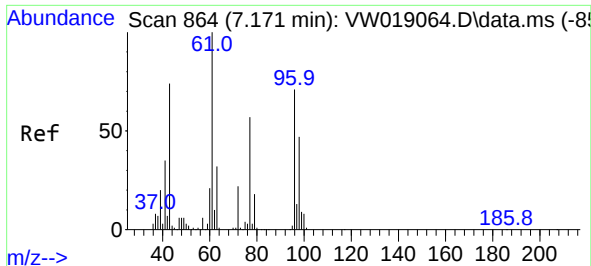


#24
 1,1-Dichloroethane
 Concen: 2.09 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. -0.006 min
 Lab File: VW019080.D
 Acq: 25 May 2021 16:42



Tgt Ion: 63 Resp: 15804
 Ion Ratio Lower Upper
 63 100
 98 11.6 3.6 10.9#
 100 4.4 2.3 6.8





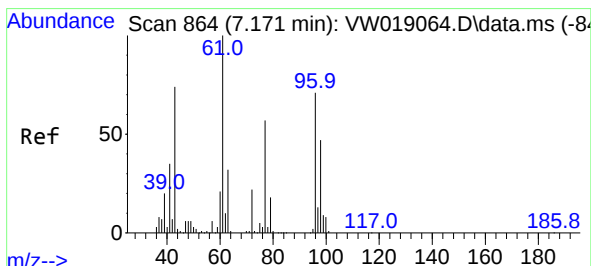
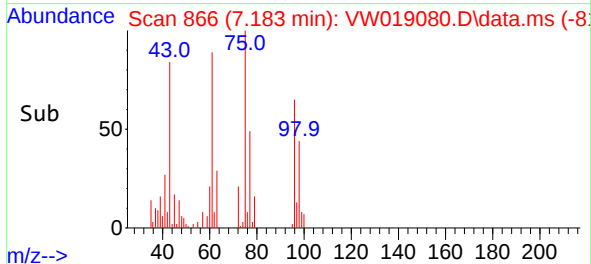
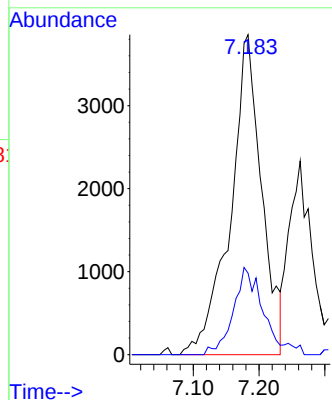
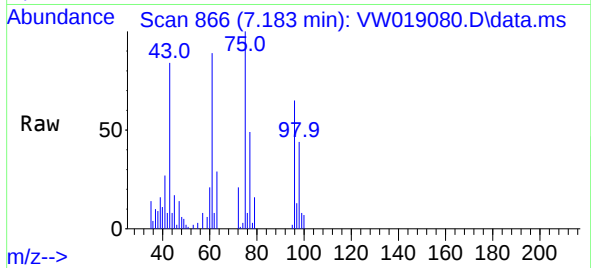
#25
2-Butanone
Concen: 13.22 ug/l
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion: 43 Resp: 12731
Ion Ratio Lower Upper
43 100
72 25.5 24.0 36.0

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

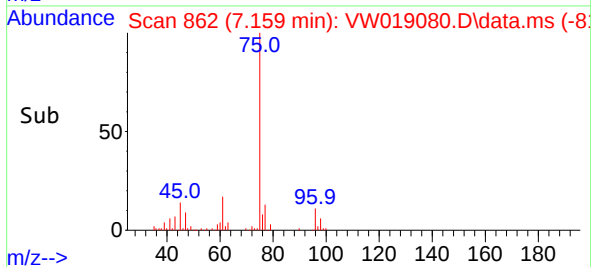
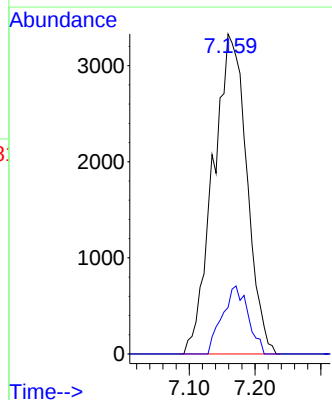
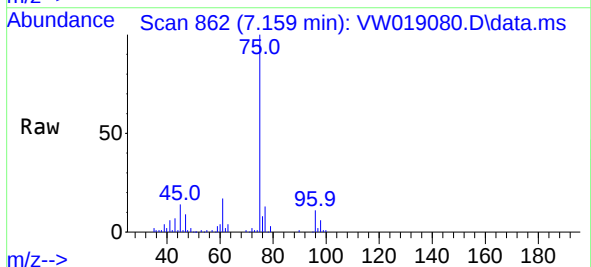
Manual Integrations
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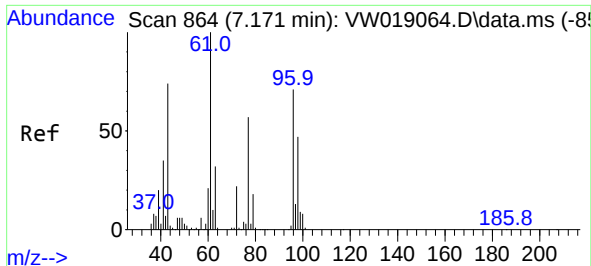
MMDadoda
5/27/2021 10:29:34 AM



#26
2,2-Dichloropropane
Concen: 2.75 ug/l
RT: 7.159 min Scan# 862
Delta R.T. -0.012 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion: 77 Resp: 11861
Ion Ratio Lower Upper
77 100
97 16.2 11.8 35.3





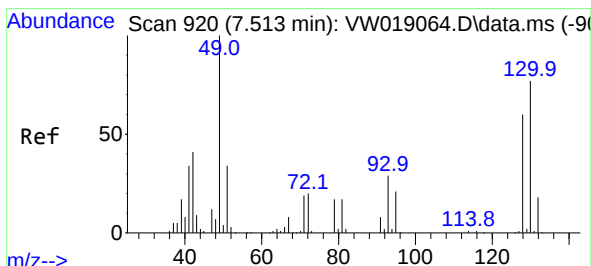
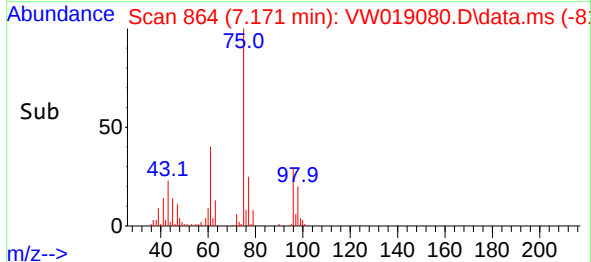
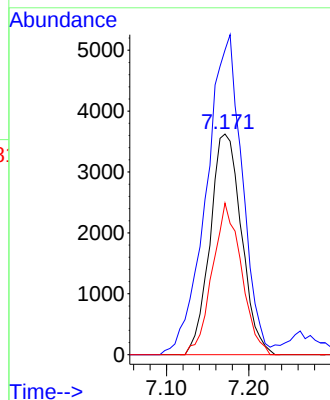
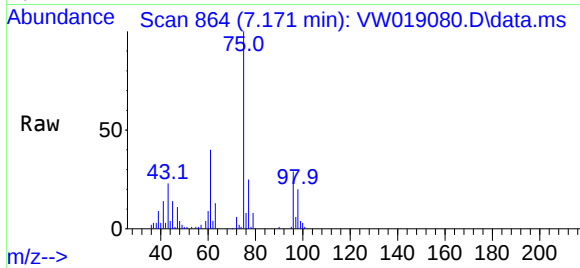
#27
cis-1,2-Dichloroethene
Concen: 2.08 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion:	96	Resp:	9610
Ion	Ratio	Lower	Upper
96	100		
61	165.6	0.0	281.2
98	63.8	0.0	127.4

Instrument :
MSVOA_W
ClientSampleId :
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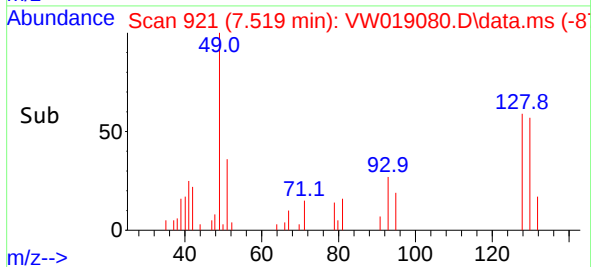
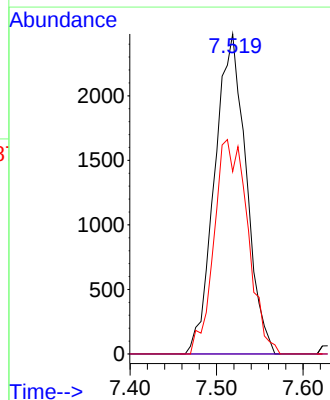
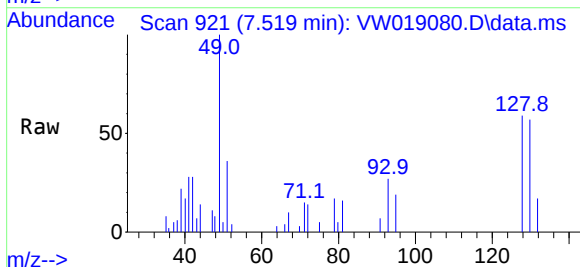
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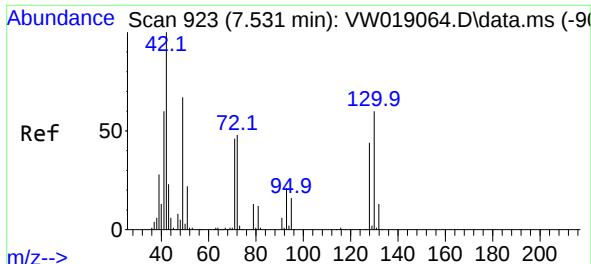
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#28
Bromochloromethane
Concen: 2.09 ug/l
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion:	49	Resp:	6247
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	71.9	63.0	94.4





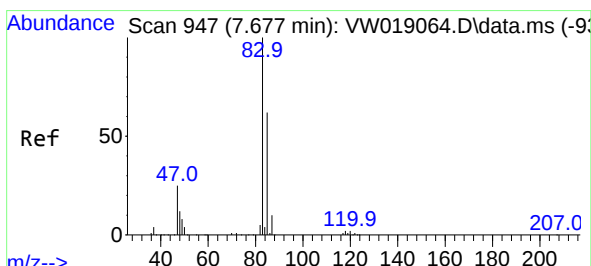
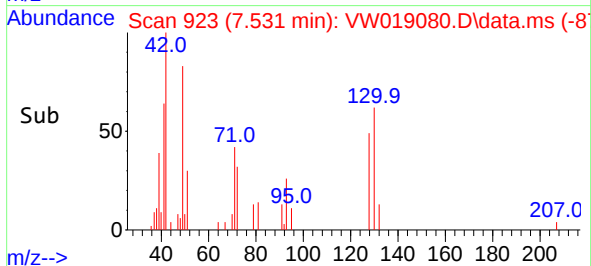
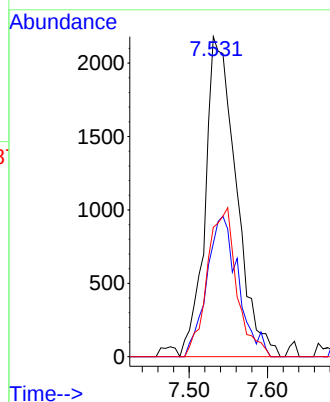
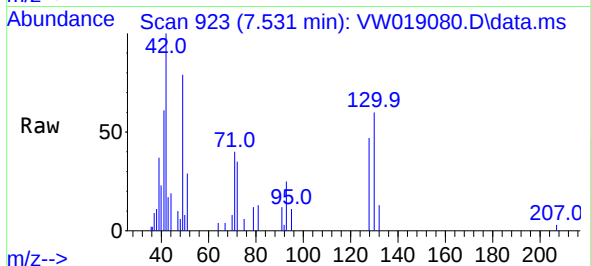
#29
Tetrahydrofuran
Concen: 11.00 ug/l
RT: 7.531 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion:	42	Resp:	6004
Ion	Ratio	Lower	Upper
42	100		
72	44.7	40.1	60.1
71	43.9	38.3	57.5

Instrument :
MSVOA_W
ClientSampleId :
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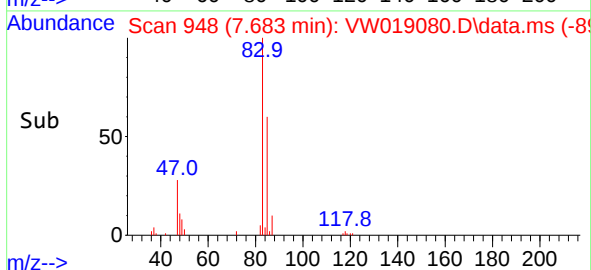
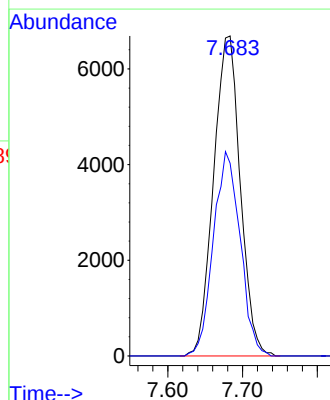
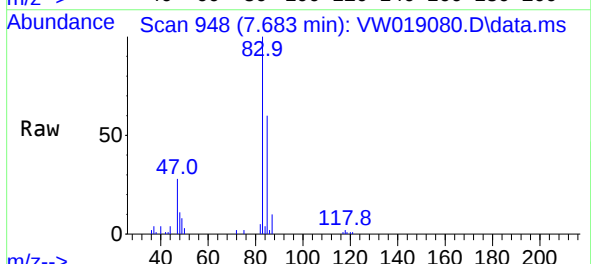
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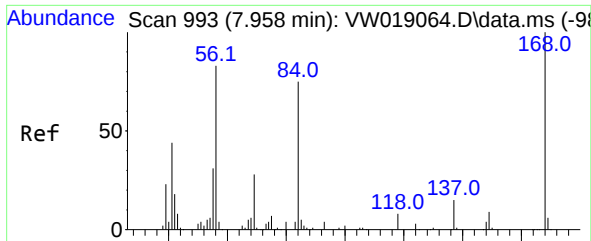
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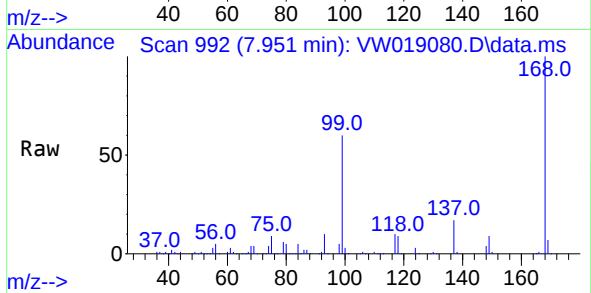
#30
Chloroform
Concen: 2.19 ug/l
RT: 7.683 min Scan# 948
Delta R.T. 0.006 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion:	83	Resp:	16634
Ion	Ratio	Lower	Upper
83	100		
85	60.2	53.4	80.0

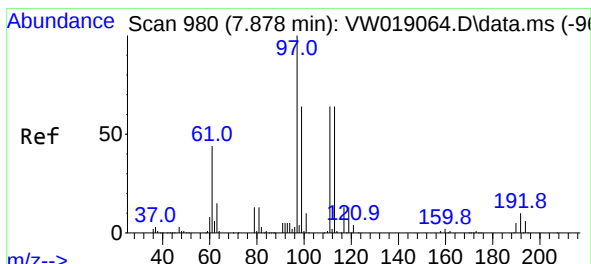
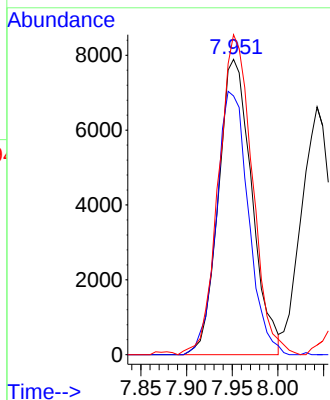
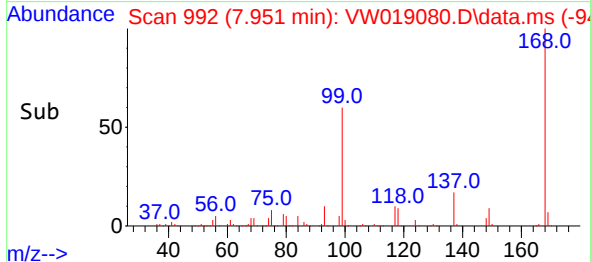




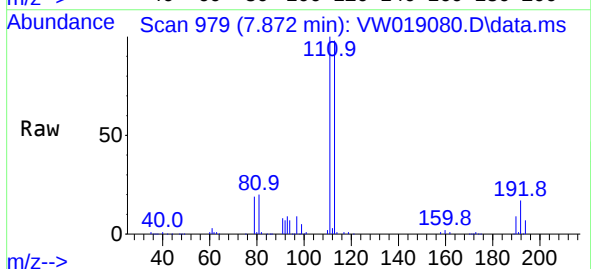
#31
Cyclohexane
Concen: 3.12 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



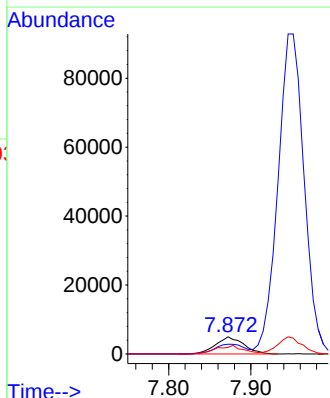
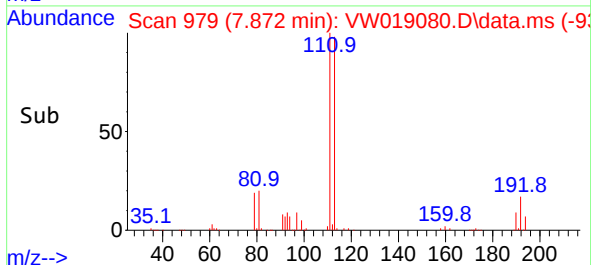
Tgt Ion: 56 Resp: 20040
Ion Ratio Lower Upper
56 100
69 87.6 28.4 42.6#
84 108.3 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 2.01 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



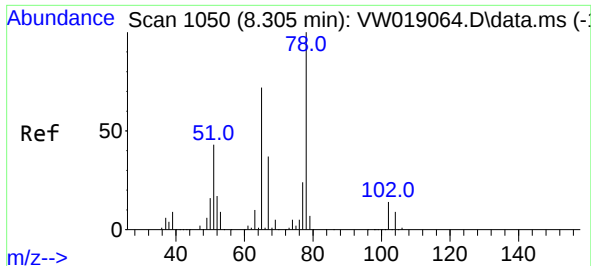
Tgt Ion: 97 Resp: 11749
Ion Ratio Lower Upper
97 100
99 63.1 52.2 78.4
61 47.6 36.7 55.1



Instrument :
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ClientSampleId :
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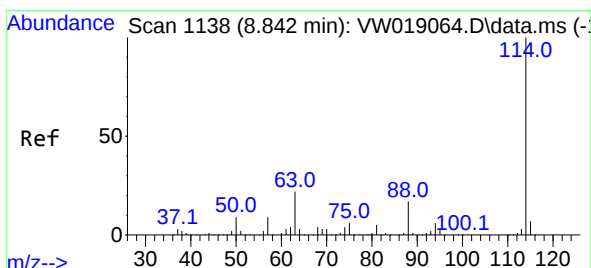
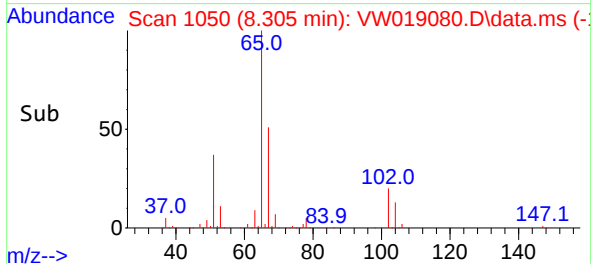
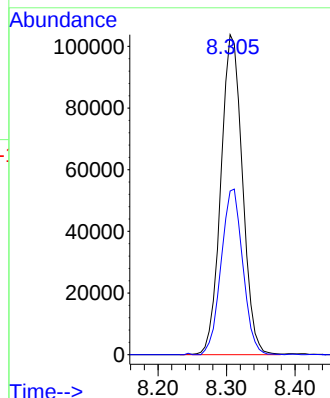
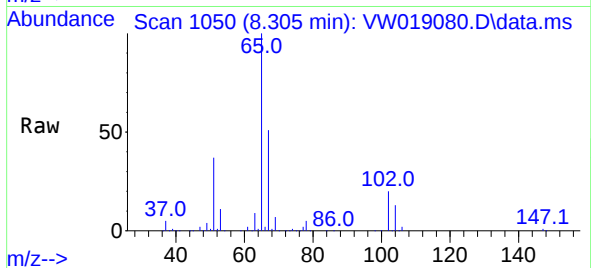
#33
1,2-Dichloroethane-d4
Concen: 53.51 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion: 65 Resp: 226852
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0

Instrument :
MSVOA_W
ClientSampleId :
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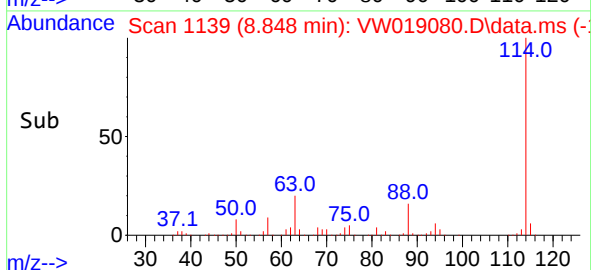
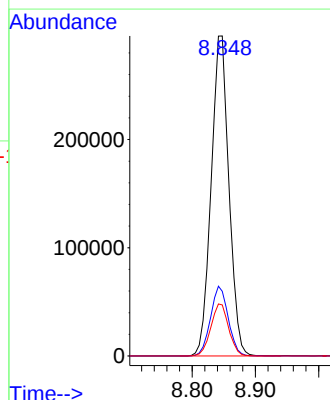
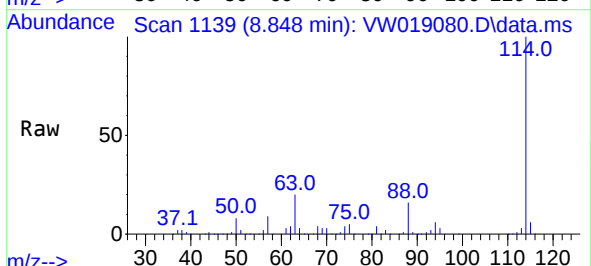
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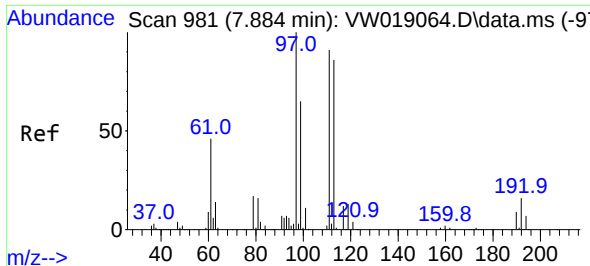
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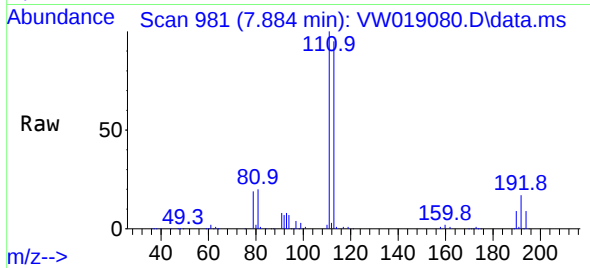
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion: 114 Resp: 575561
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.4
88 15.9 0.0 33.2

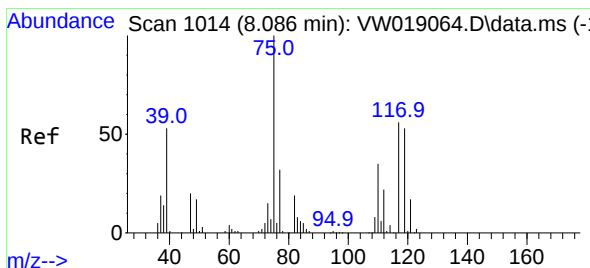
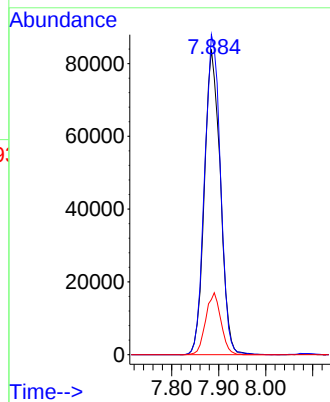
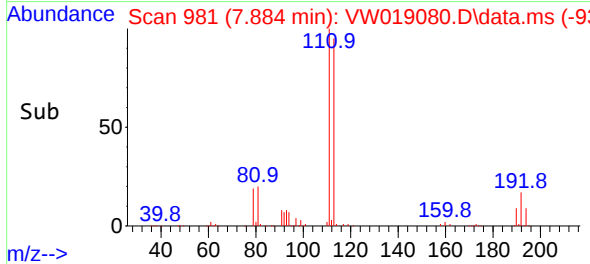




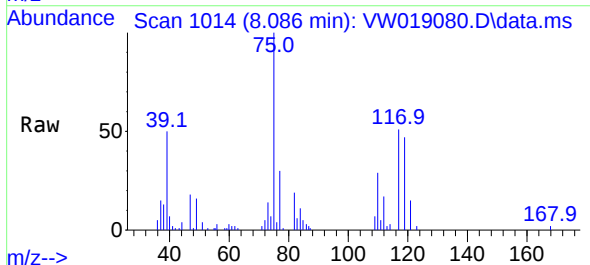
#35
Dibromofluoromethane
Concen: 50.17 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



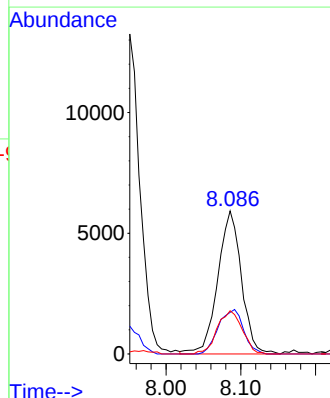
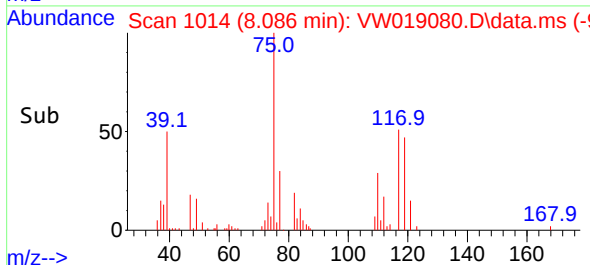
Tgt Ion: 113 Resp: 196480
Ion Ratio Lower Upper
113 100
111 104.9 82.3 123.5
192 19.4 15.3 22.9



#36
1,1-Dichloropropene
Concen: 2.04 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



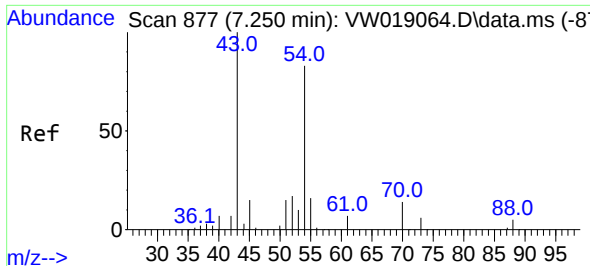
Tgt Ion: 75 Resp: 13088
Ion Ratio Lower Upper
75 100
110 33.0 17.1 51.2
77 31.8 25.3 37.9



Instrument :
MSVOA_W
ClientSampleId :
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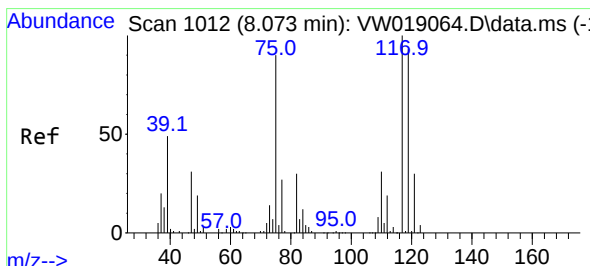
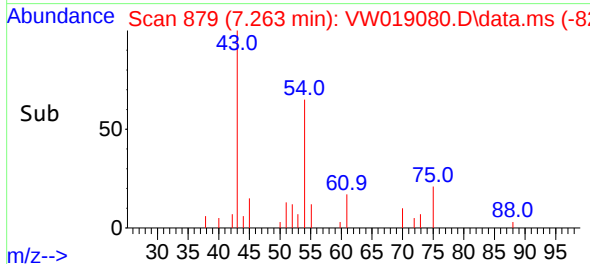
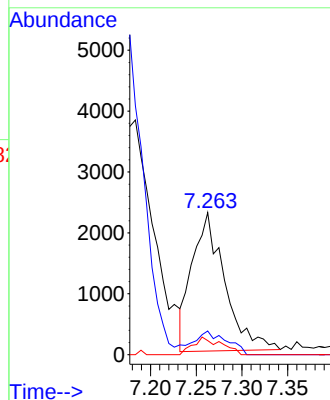
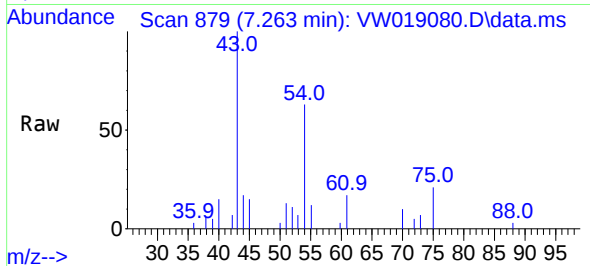
#37
Ethyl Acetate
Concen: 2.43 ug/l
RT: 7.263 min Scan# 879
Delta R.T. 0.012 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion:	43	Resp:	5648
Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.2	18.4
70	10.9	9.5	14.3

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

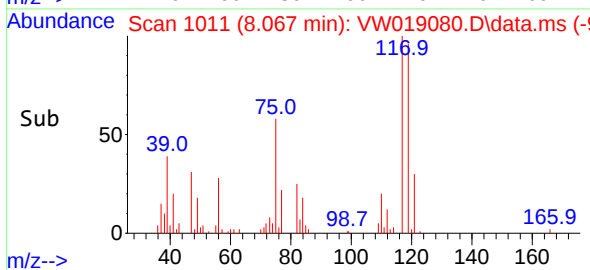
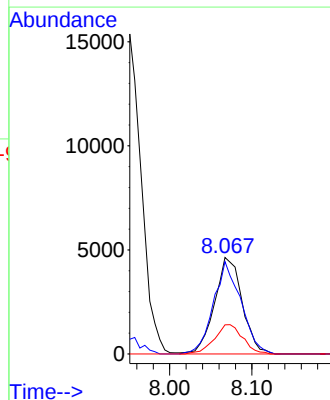
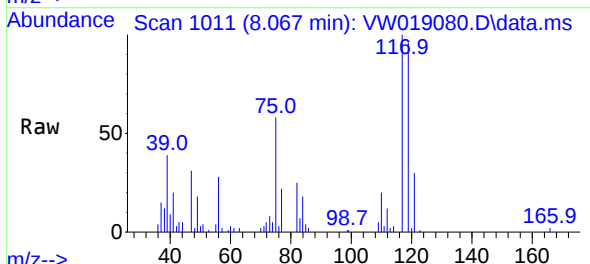
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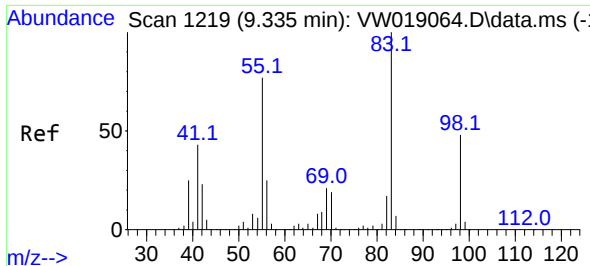
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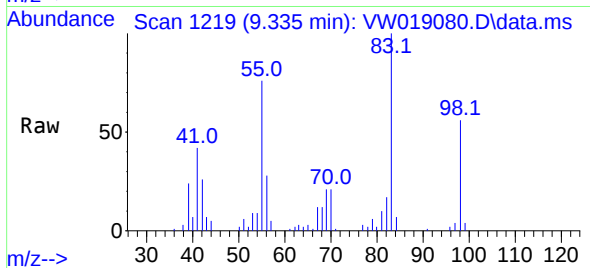
#38
Carbon Tetrachloride
Concen: 1.90 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion:	117	Resp:	10842
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.4	116.0
121	30.2	23.6	35.4



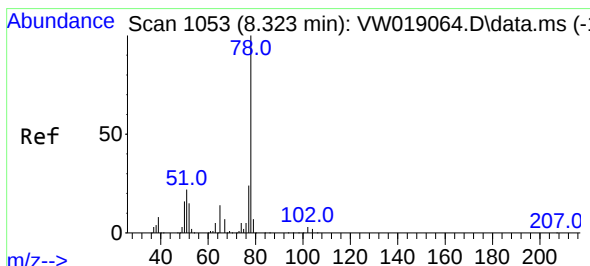
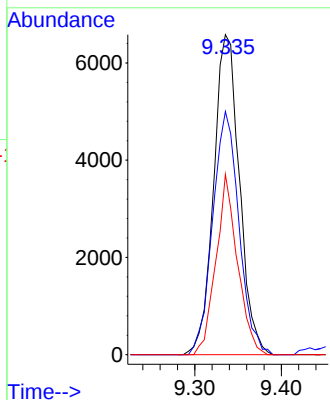
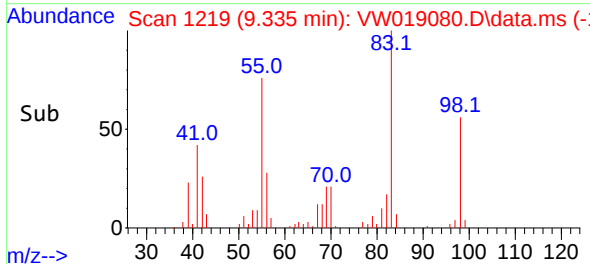


#39
Methylcyclohexane
Concen: 1.90 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

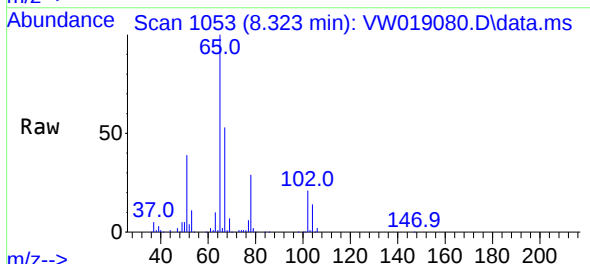


Tgt Ion: 83 Resp: 13587

Ion	Ratio	Lower	Upper
83	100		
55	76.0	60.9	91.3
98	56.4	38.4	57.6

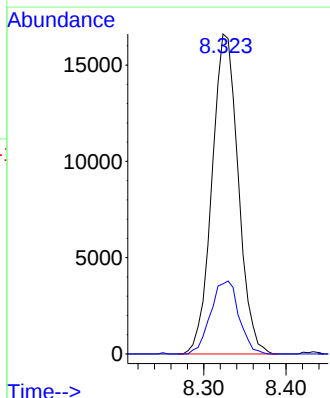
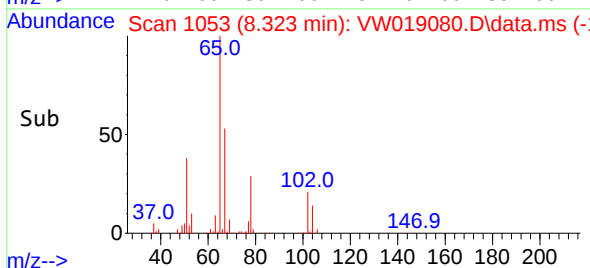


#40
Benzene
Concen: 2.11 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



Tgt Ion: 78 Resp: 36913

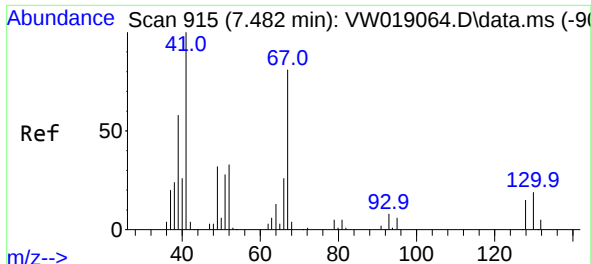
Ion	Ratio	Lower	Upper
78	100		
77	21.9	19.6	29.4



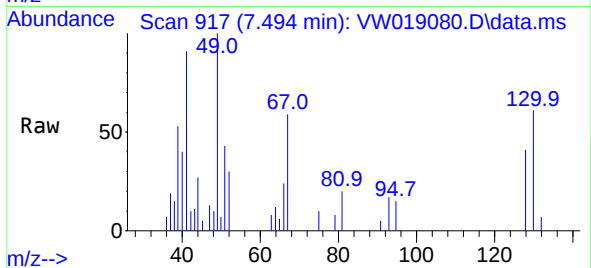
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

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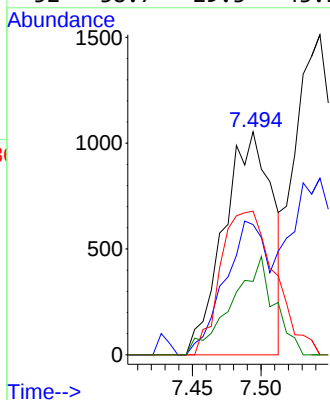


#41
Methacrylonitrile
Concen: 1.91 ug/l
RT: 7.494 min Scan# 917
Delta R.T. 0.012 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



Tgt Ion: 41 Resp: 2591

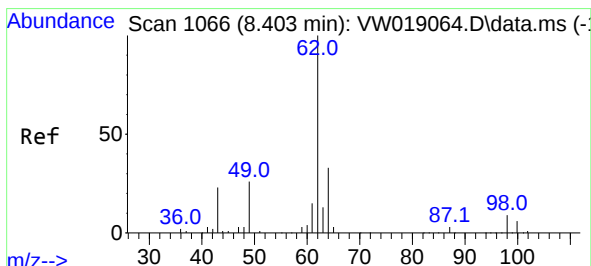
Ion	Ratio	Lower	Upper
41	100		
39	51.8	50.1	75.1
67	72.2	69.0	103.4
52	38.7	29.3	43.9



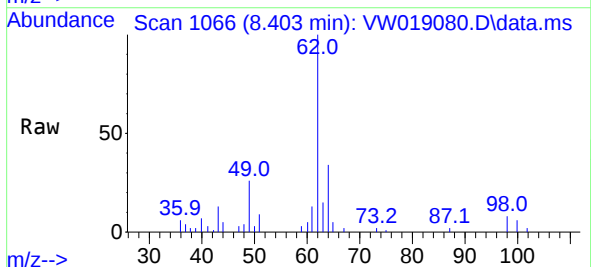
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

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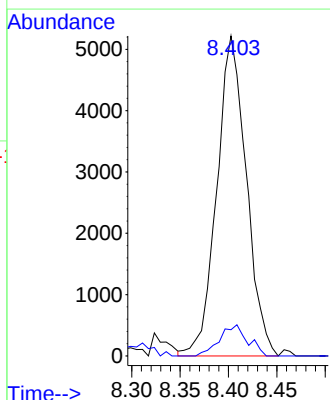
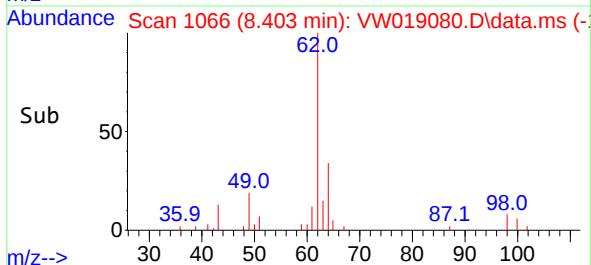


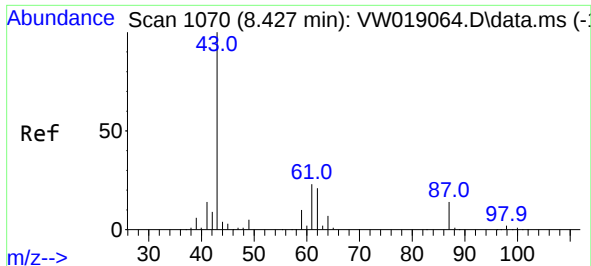
#42
1,2-Dichloroethane
Concen: 2.15 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



Tgt Ion: 62 Resp: 11091

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.0





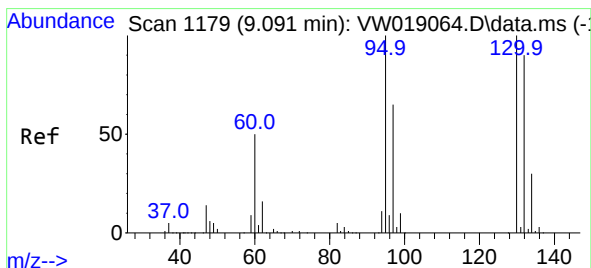
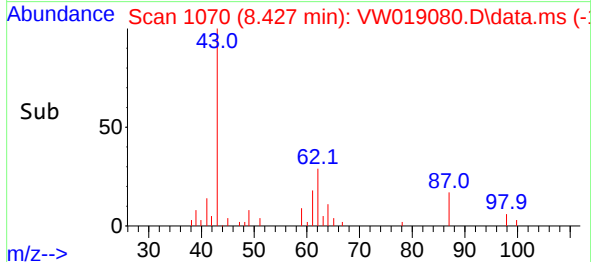
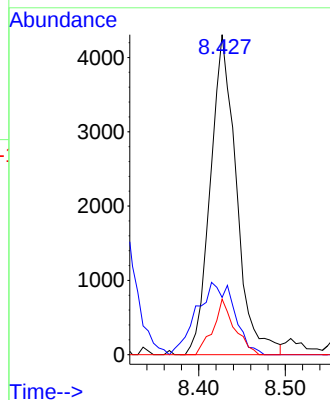
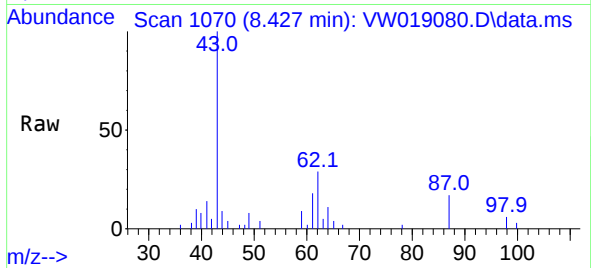
#43
Isopropyl Acetate
Concen: 2.01 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion:	43	Resp:	8989
Ion	Ratio	Lower	Upper
43	100		
61	32.9	27.0	40.6
87	14.3	11.6	17.4

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

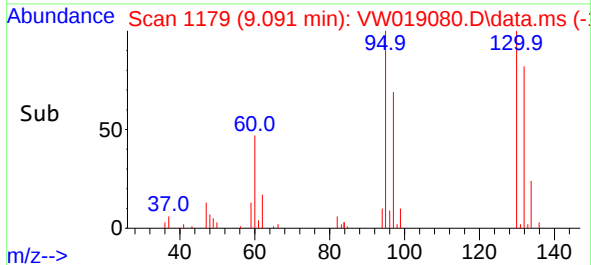
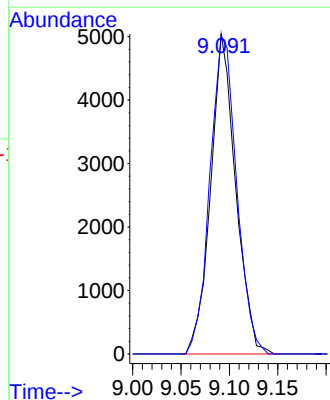
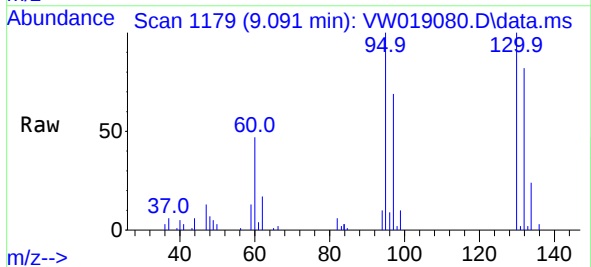
Manual Integrations
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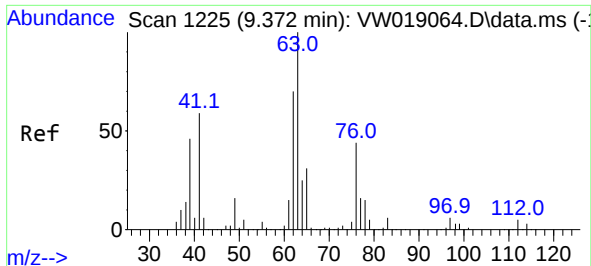
MMDadoda
5/27/2021 10:29:34 AM



#44
Trichloroethene
Concen: 1.97 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion:	130	Resp:	9076
Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	199.0





#45

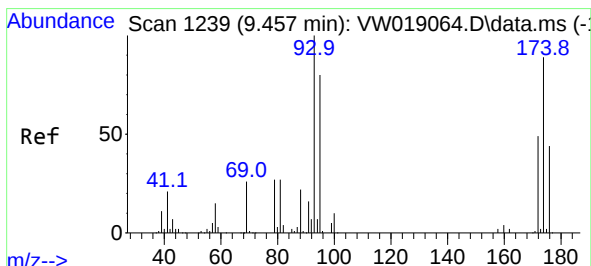
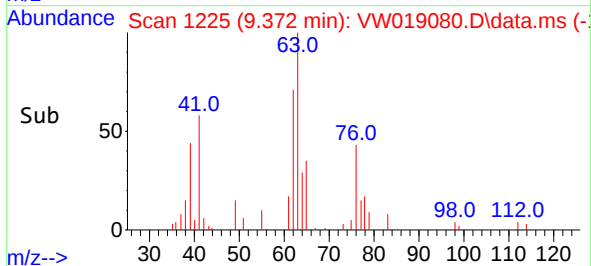
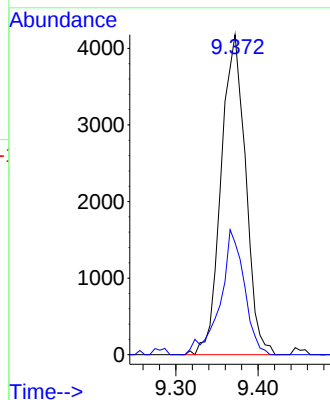
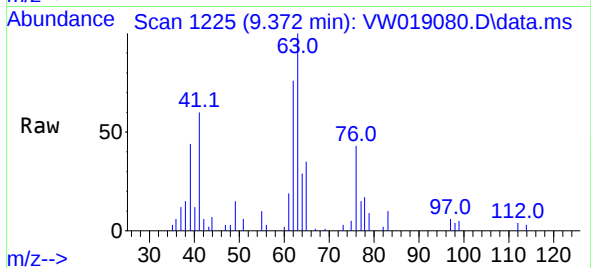
1,2-Dichloropropane
Concen: 2.04 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion: 63 Resp: 8664
Ion Ratio Lower Upper
63 100
65 34.9 24.1 36.1

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
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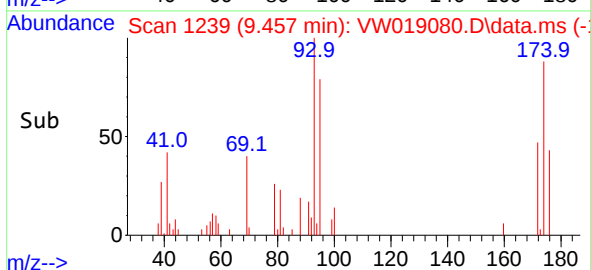
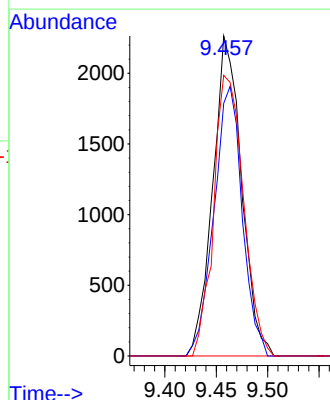
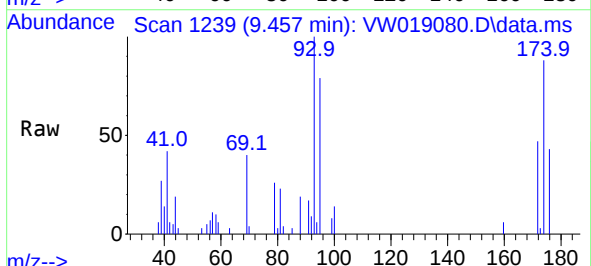
MMDadoda
5/27/2021 10:29:34 AM

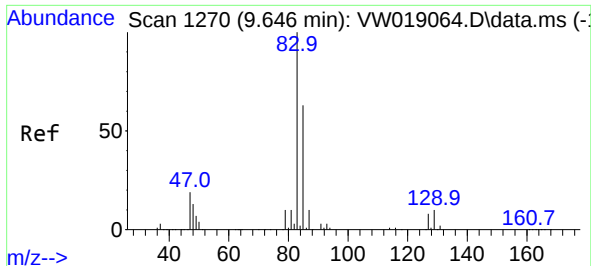


#46

Dibromomethane
Concen: 1.99 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion: 93 Resp: 4390
Ion Ratio Lower Upper
93 100
95 83.3 66.7 100.1
174 91.0 75.3 112.9





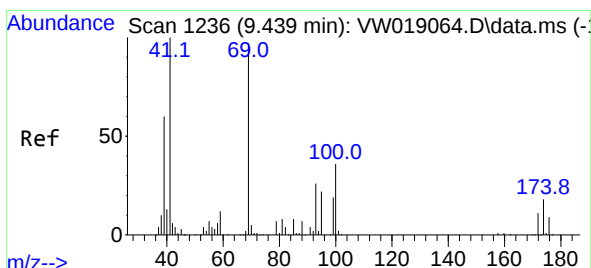
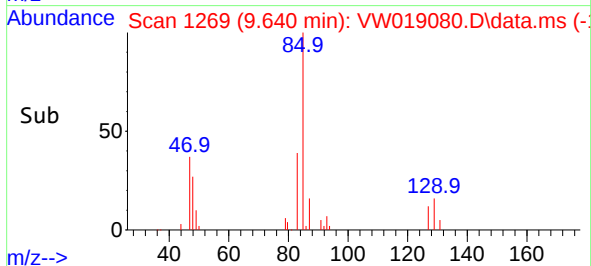
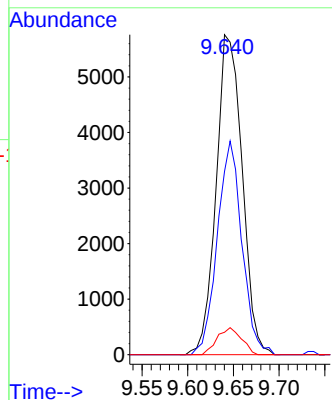
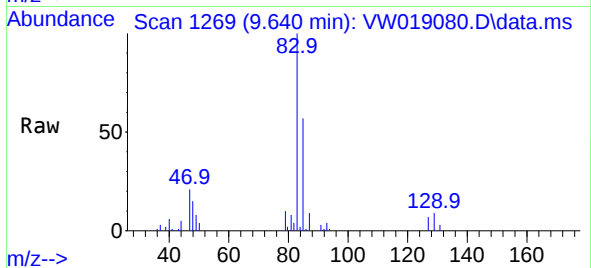
#47
Bromodichloromethane
Concen: 2.00 ug/l
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion:	83	Resp:	11415
Ion	Ratio	Lower	Upper
83	100		
85	57.3	53.4	80.2
127	7.0	7.0	10.6#

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

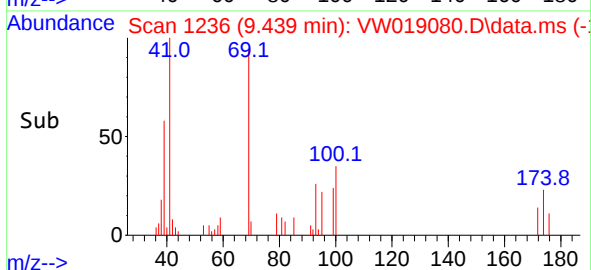
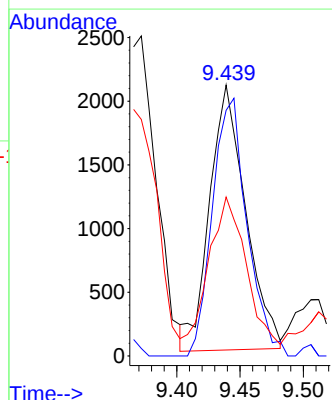
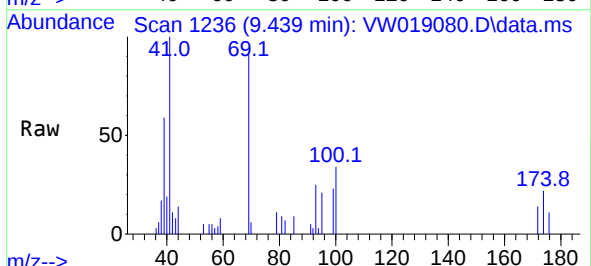
Manual Integrations
APPROVED

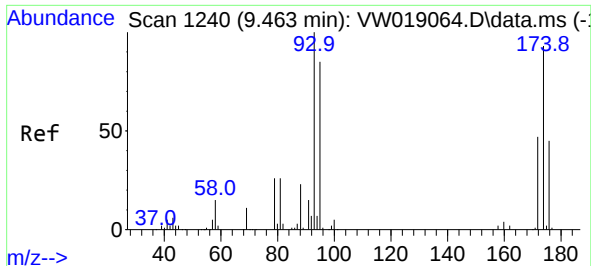
MMDadoda
5/27/2021 10:29:34 AM



#48
Methyl methacrylate
Concen: 1.97 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

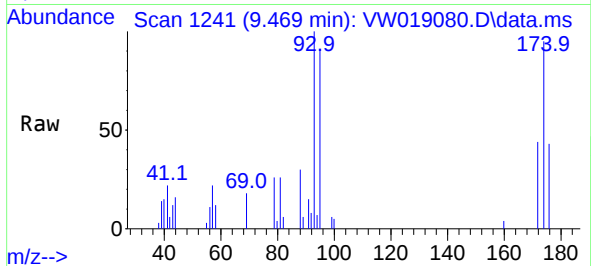
Tgt Ion:	41	Resp:	4126
Ion	Ratio	Lower	Upper
41	100		
69	93.5	80.2	120.2
39	55.5	51.5	77.3





#49
1,4-Dioxane
Concen: 40.62 ug/l
RT: 9.469 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

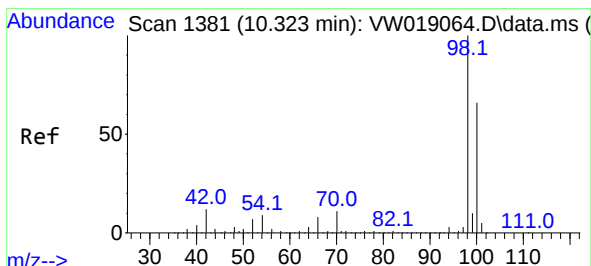
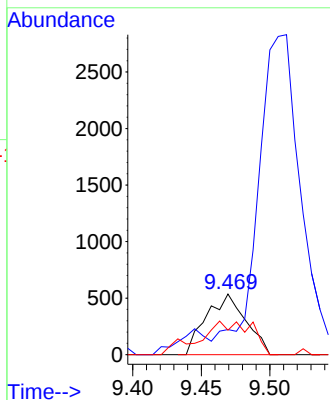
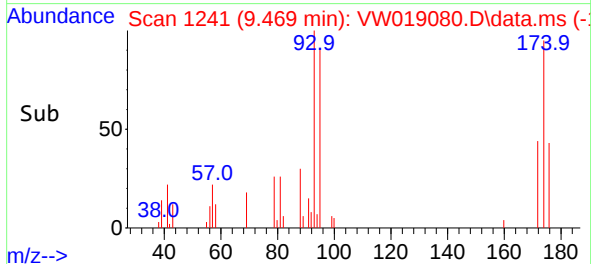
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021



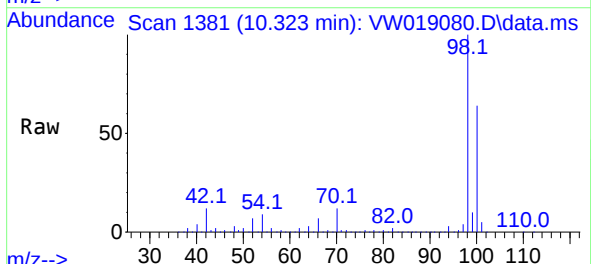
Tgt Ion: 88 Resp: 1079
Ion Ratio Lower Upper
88 100
43 0.0 22.1 33.1#
58 16.4 55.4 83.2#

Manual Integrations
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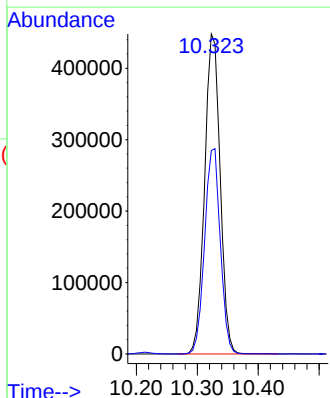
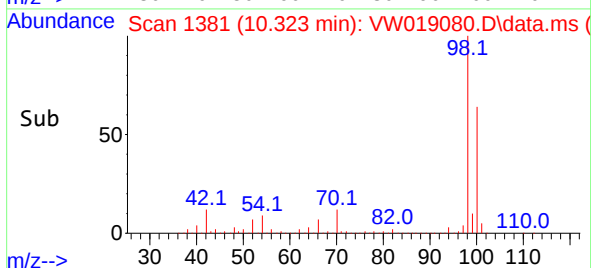
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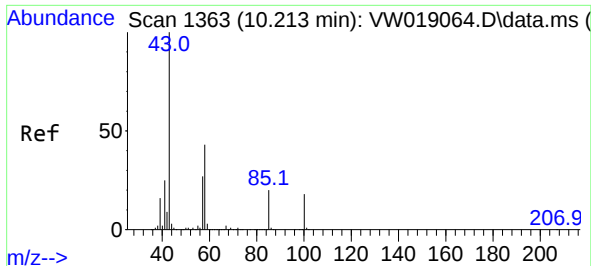


#50
Toluene-d8
Concen: 49.82 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



Tgt Ion: 98 Resp: 794784
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0





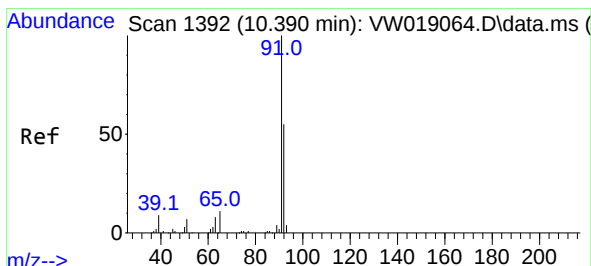
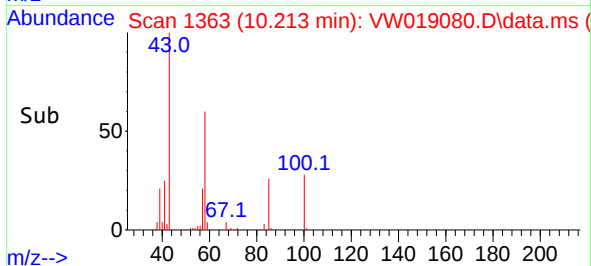
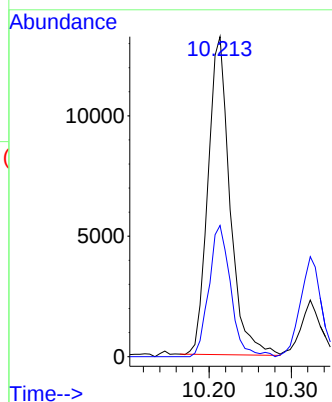
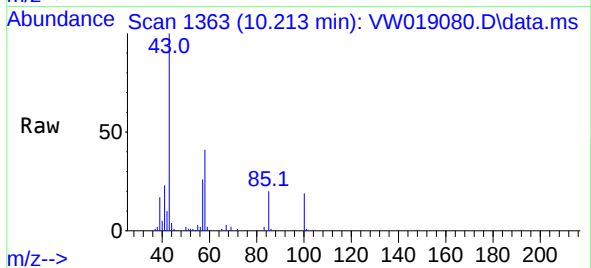
#51
4-Methyl-2-Pentanone
Concen: 10.76 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion: 43 Resp: 24459
Ion Ratio Lower Upper
43 100
58 40.9 34.2 51.4

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

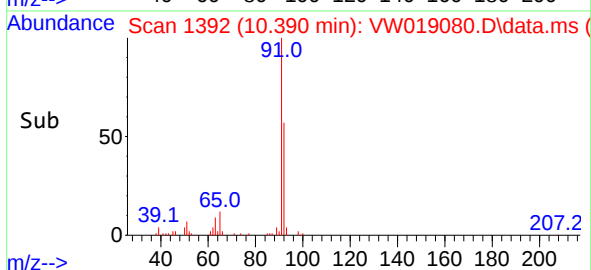
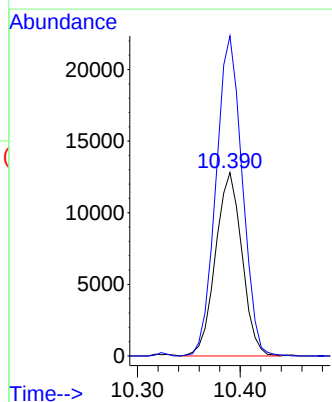
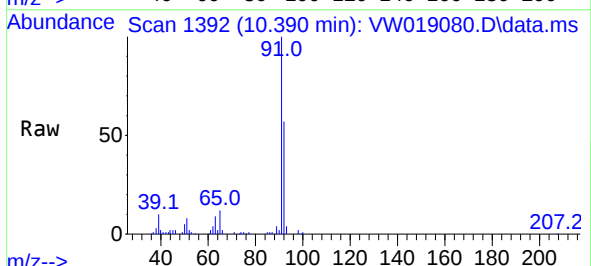
Manual Integrations
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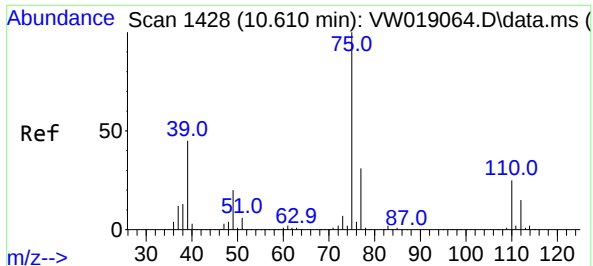
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#52
Toluene
Concen: 2.05 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion: 92 Resp: 22880
Ion Ratio Lower Upper
92 100
91 173.7 137.4 206.0





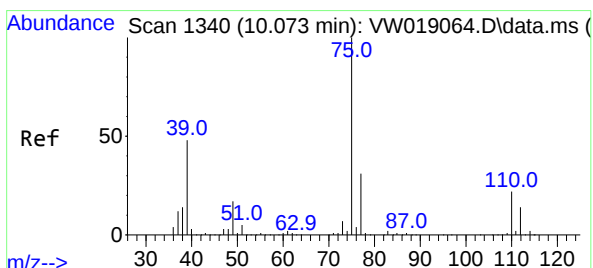
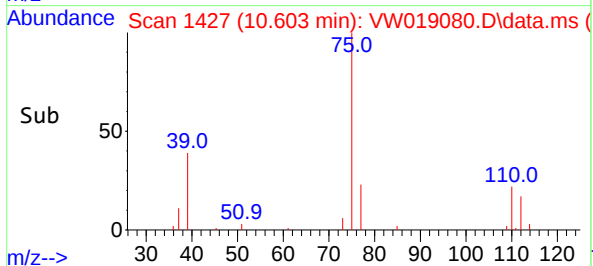
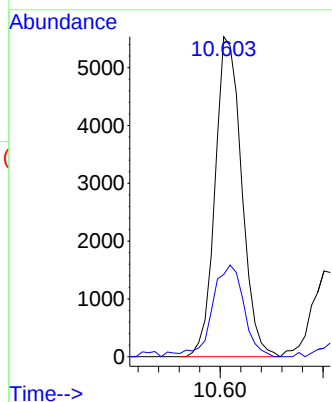
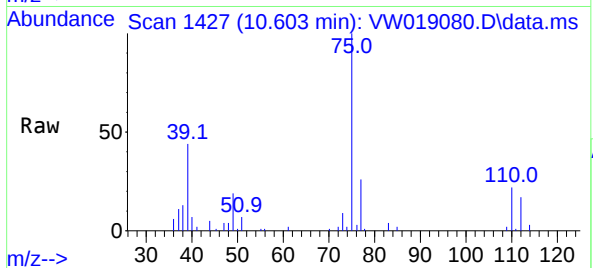
#53
t-1,3-Dichloropropene
Concen: 1.75 ug/l
RT: 10.603 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion: 75 Resp: 9912
Ion Ratio Lower Upper
75 100
77 25.7 24.8 37.2

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

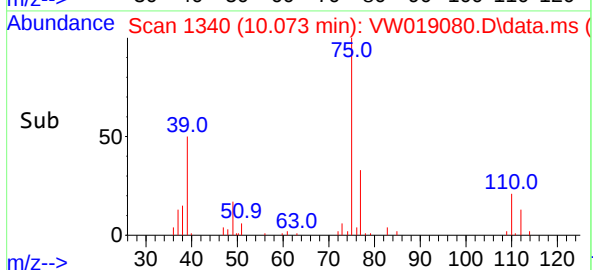
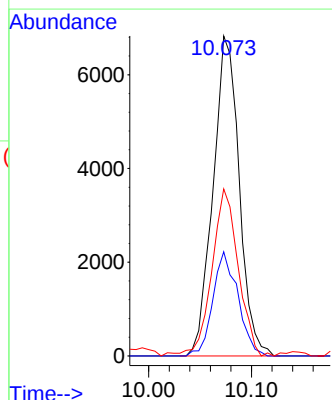
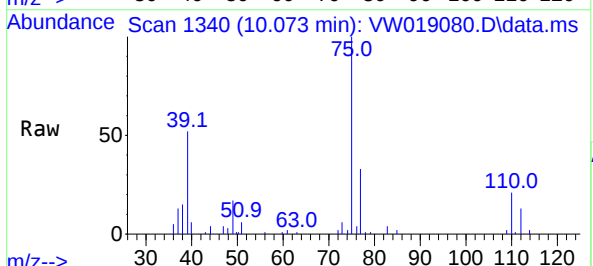
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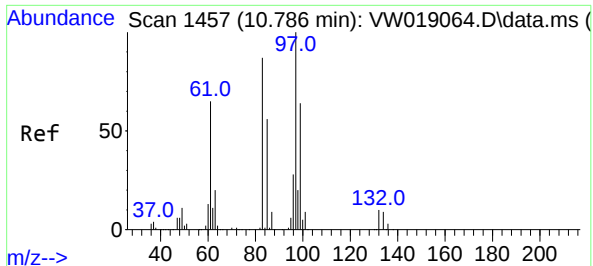
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#54
cis-1,3-Dichloropropene
Concen: 1.79 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

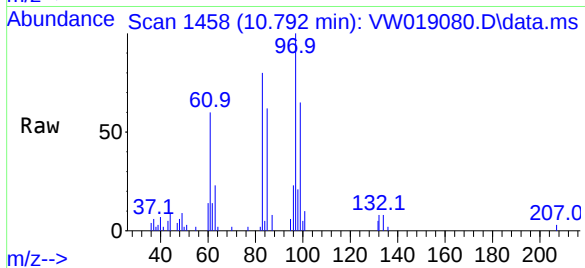
Tgt Ion: 75 Resp: 12064
Ion Ratio Lower Upper
75 100
77 32.6 25.0 37.6
39 51.4 36.9 55.3





#55
1,1,2-Trichloroethane
Concen: 2.13 ug/l
RT: 10.792 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

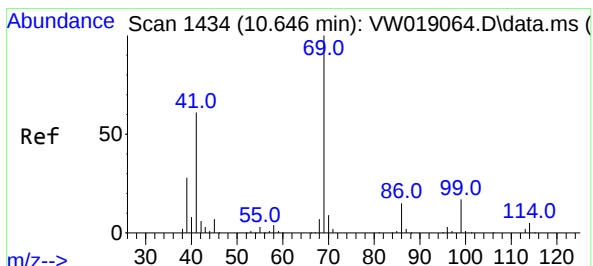
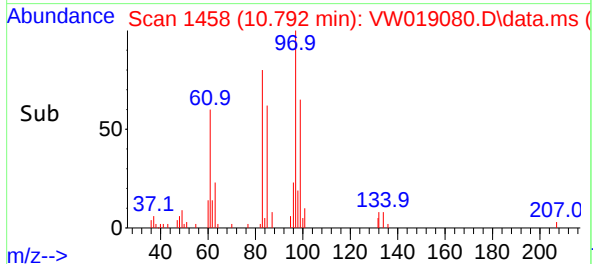
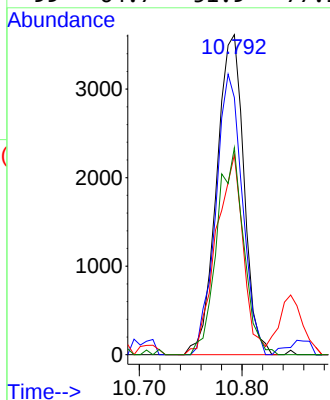
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021



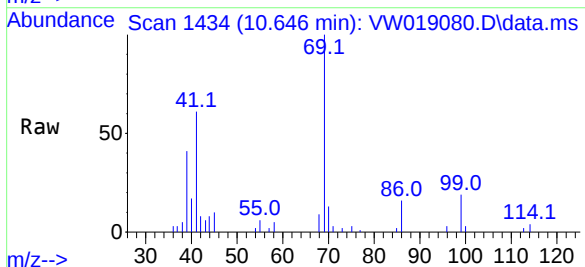
Tgt Ion: 97 Resp: 6655
Ion Ratio Lower Upper
97 100
83 80.3 70.6 106.0
85 62.4 45.8 68.6
99 64.7 51.9 77.9

Manual Integrations
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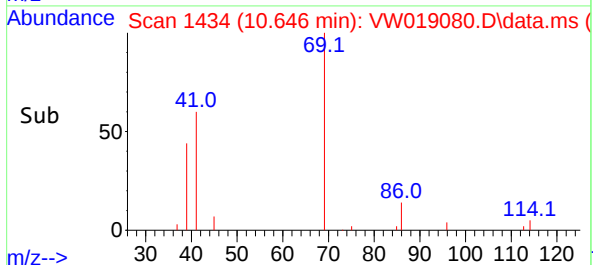
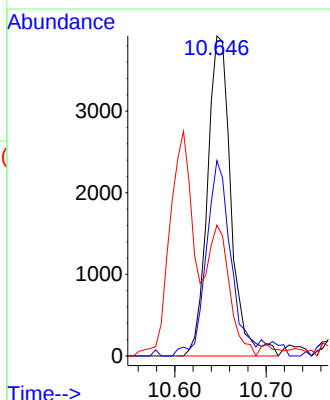
MMDadoda
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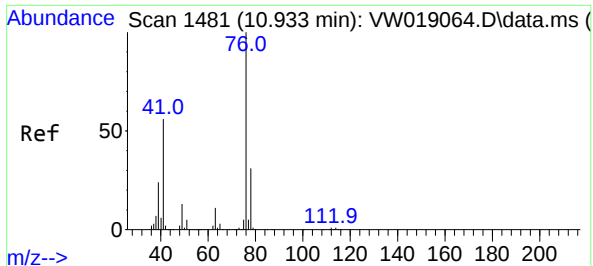


#56
Ethyl methacrylate
Concen: 1.79 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



Tgt Ion: 69 Resp: 7017
Ion Ratio Lower Upper
69 100
41 63.4 48.7 73.1
39 38.7 29.0 43.4





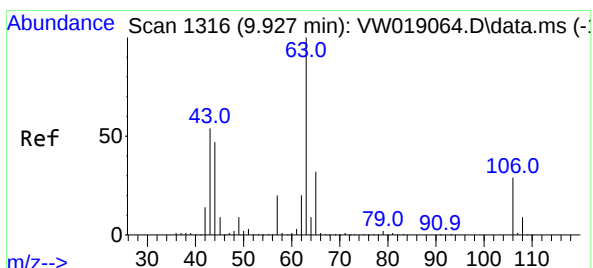
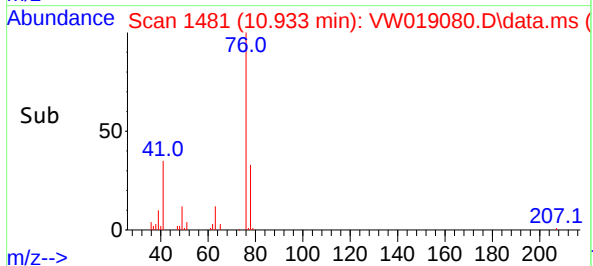
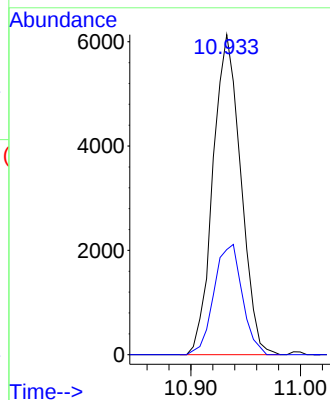
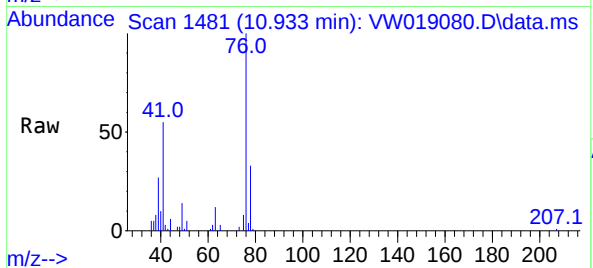
#57
1,3-Dichloropropane
Concen: 1.94 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion: 76 Resp: 10830
Ion Ratio Lower Upper
76 100
78 35.0 25.5 38.3

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

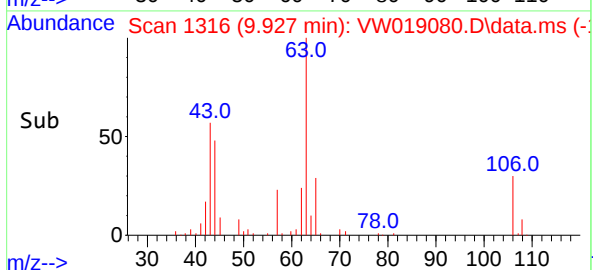
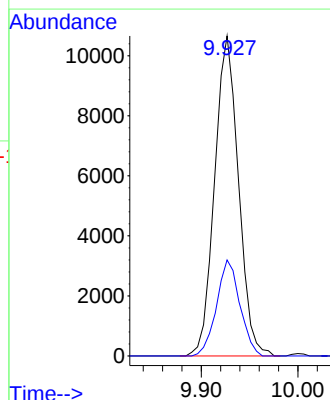
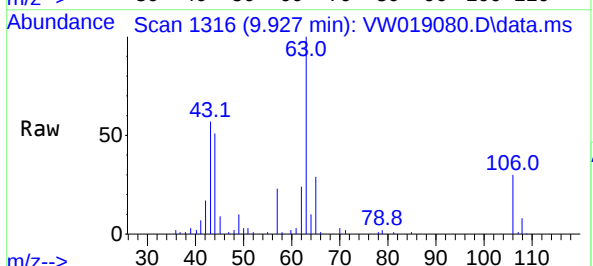
Manual Integrations
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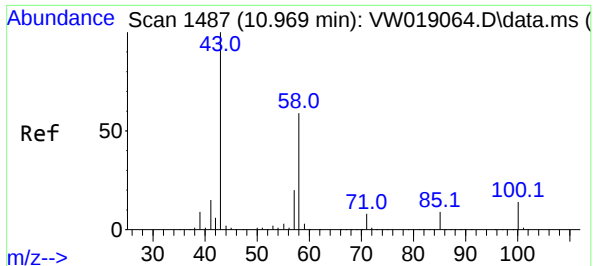
MMDadoda
5/27/2021 10:29:34 AM



#58
2-Chloroethyl Vinyl ether
Concen: 9.20 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion: 63 Resp: 18233
Ion Ratio Lower Upper
63 100
106 29.3 22.3 33.5





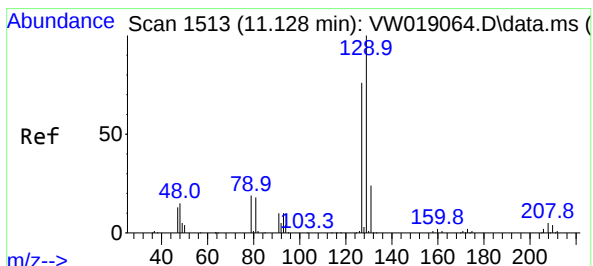
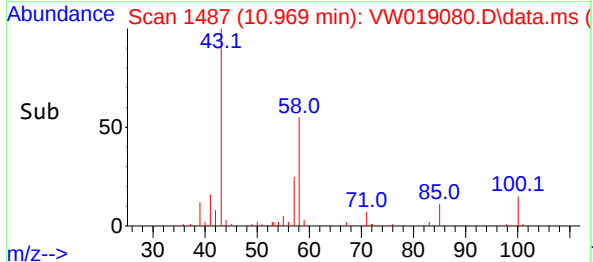
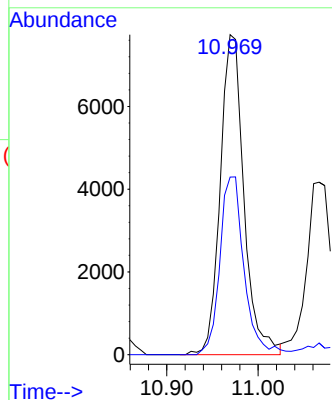
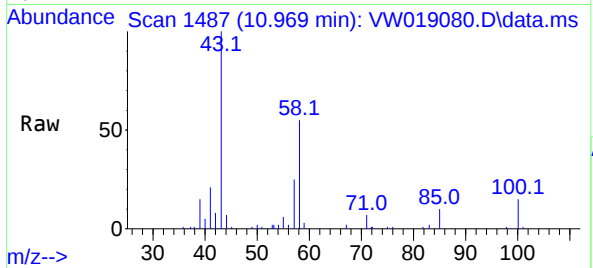
#59
2-Hexanone
Concen: 9.13 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion: 43 Resp: 13954
Ion Ratio Lower Upper
43 100
58 56.9 29.0 87.1

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

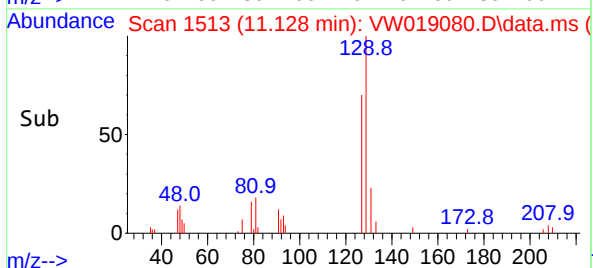
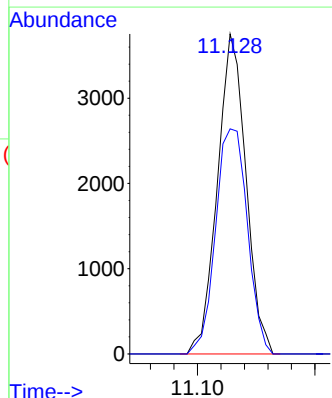
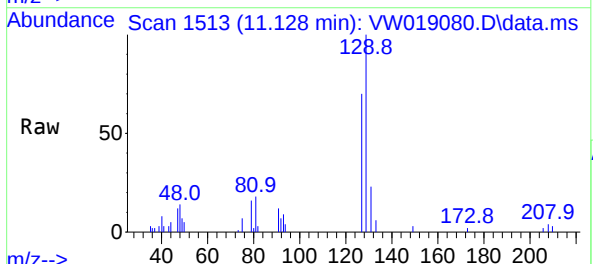
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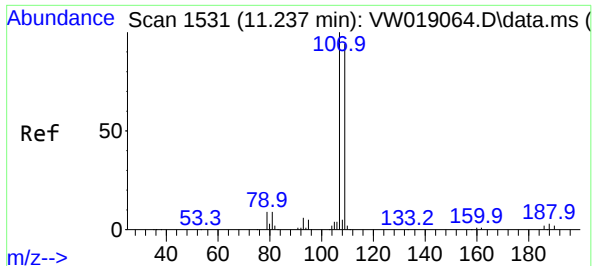
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#60
Dibromochloromethane
Concen: 1.81 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

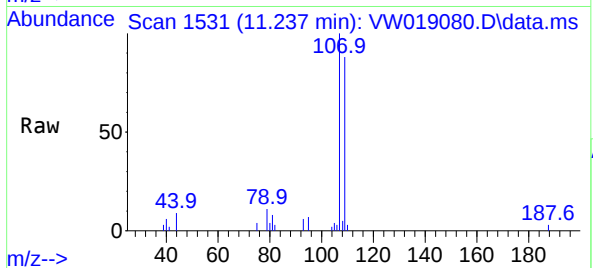
Tgt Ion: 129 Resp: 6340
Ion Ratio Lower Upper
129 100
127 78.3 38.2 114.6





#61
1,2-Dibromoethane
Concen: 2.07 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

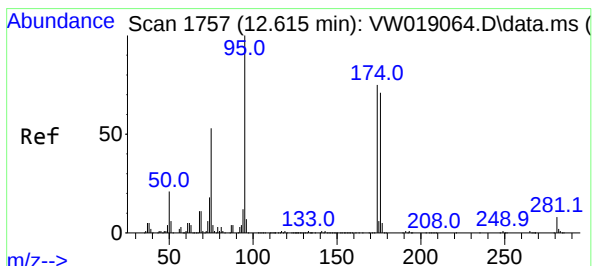
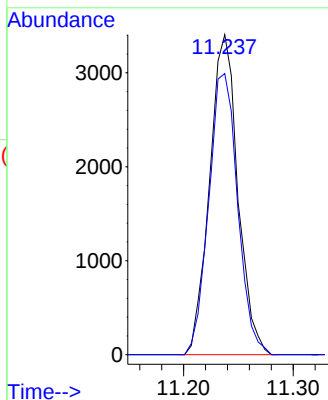
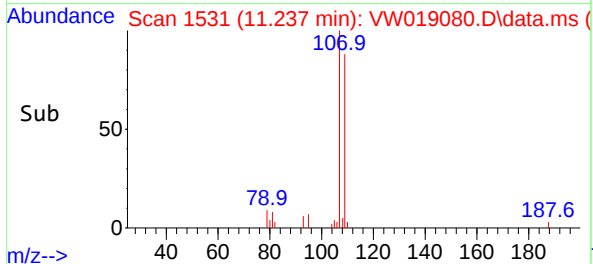
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021



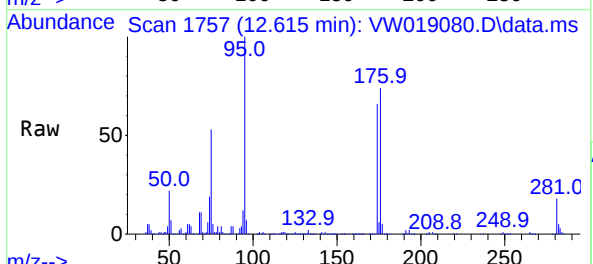
Tgt Ion:107 Resp: 6102
Ion Ratio Lower Upper
107 100
109 89.8 73.9 110.9

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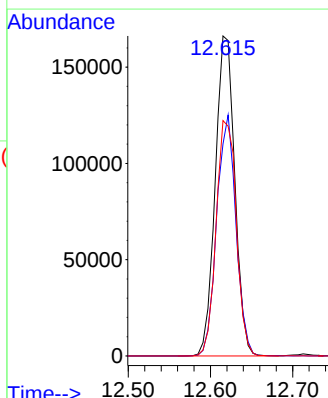
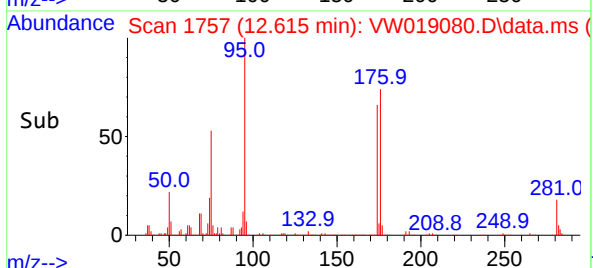
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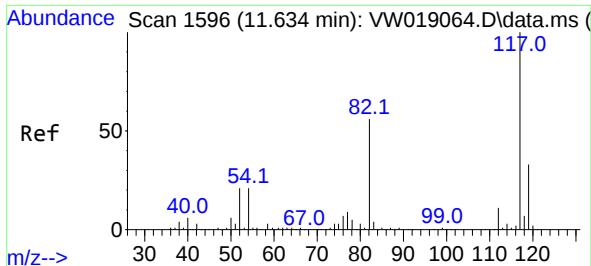


#62
4-Bromofluorobenzene
Concen: 48.82 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

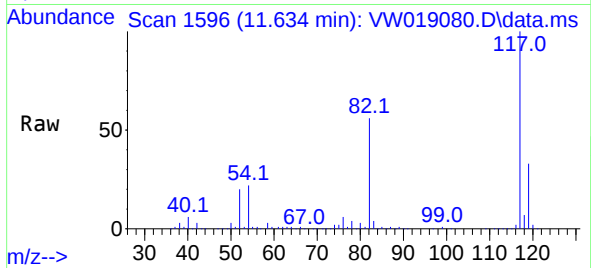


Tgt Ion: 95 Resp: 274720
Ion Ratio Lower Upper
95 100
174 73.9 0.0 156.2
176 75.9 0.0 160.8

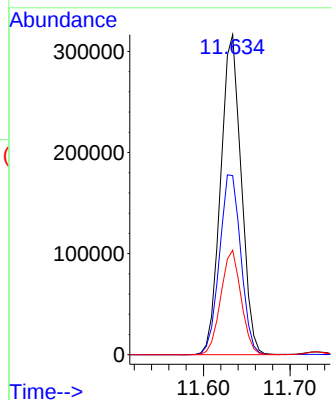
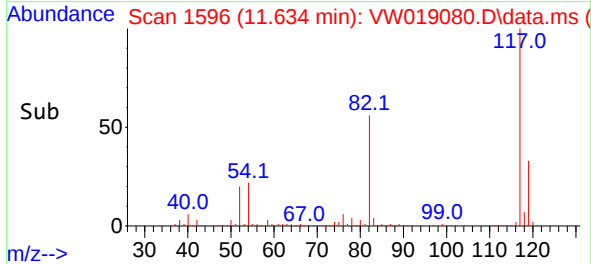




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



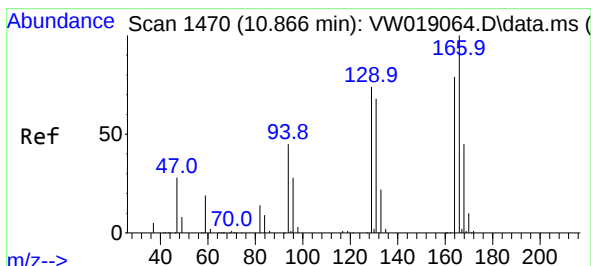
Tgt Ion:117 Resp: 522516
Ion Ratio Lower Upper
117 100
82 55.9 44.4 66.6
119 32.6 24.6 36.8



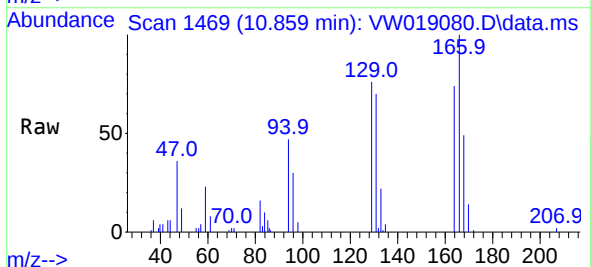
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

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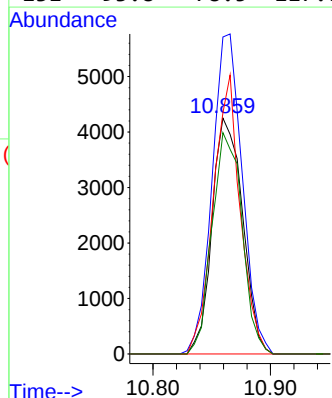
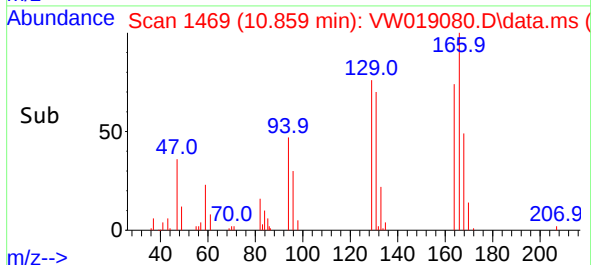
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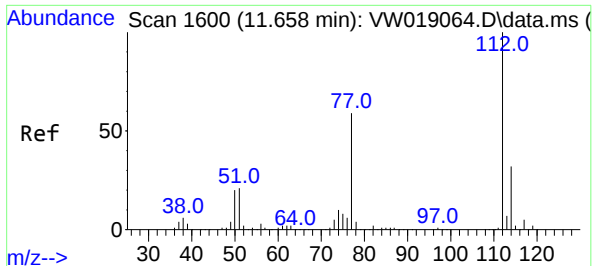


#64
Tetrachloroethene
Concen: 2.05 ug/l
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



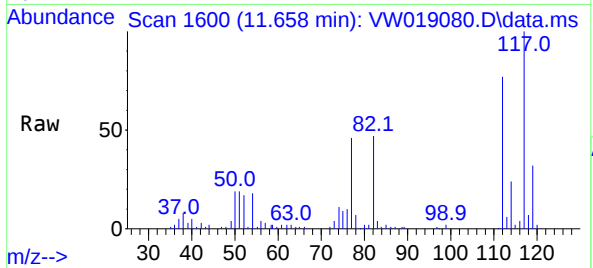
Tgt Ion:164 Resp: 7670
Ion Ratio Lower Upper
164 100
166 134.4 107.8 161.8
129 102.2 77.3 115.9
131 93.8 78.5 117.7





#65
Chlorobenzene
Concen: 2.10 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

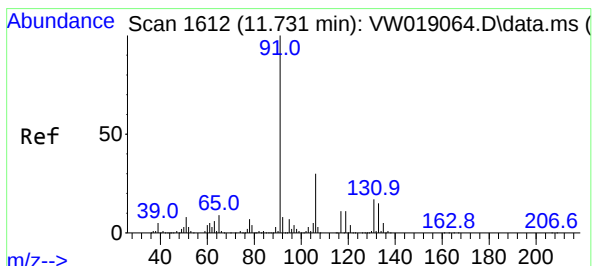
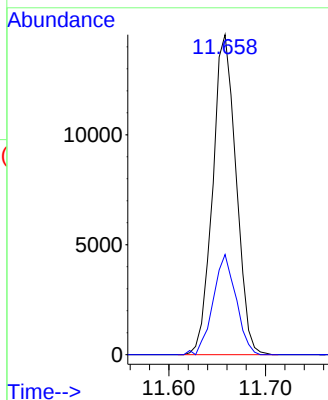
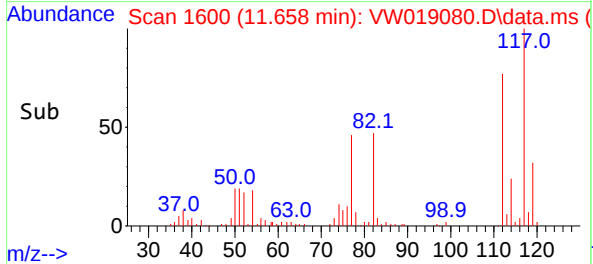
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021



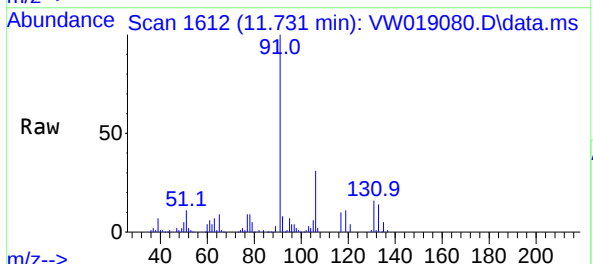
Tgt Ion:112 Resp: 24427
Ion Ratio Lower Upper
112 100
114 31.3 26.4 39.6

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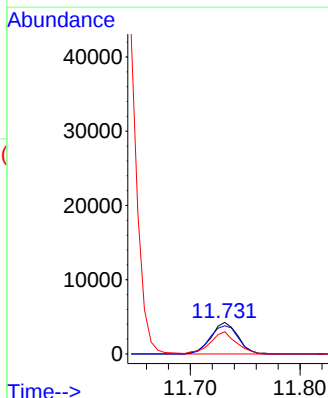
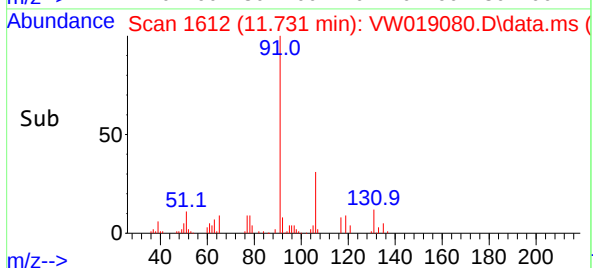
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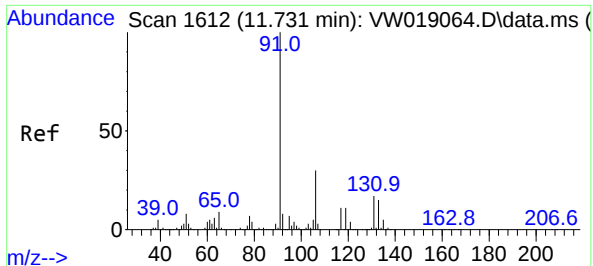


#66
1,1,1,2-Tetrachloroethane
Concen: 1.81 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



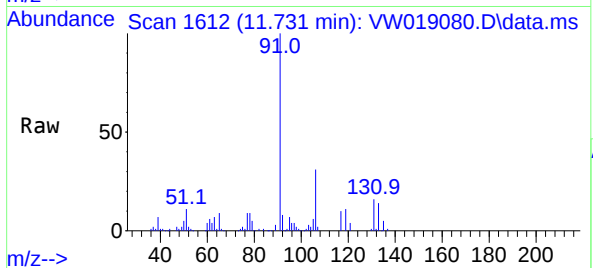
Tgt Ion:131 Resp: 7209
Ion Ratio Lower Upper
131 100
133 94.7 48.1 144.3
119 0.0 33.1 99.2#





#67
Ethyl Benzene
Concen: 1.94 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

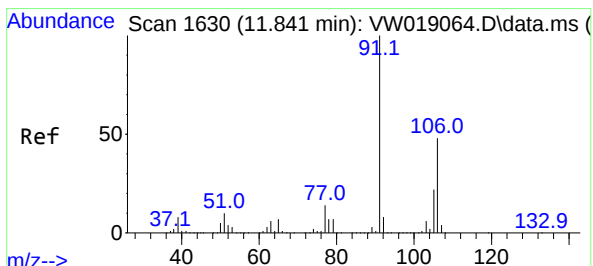
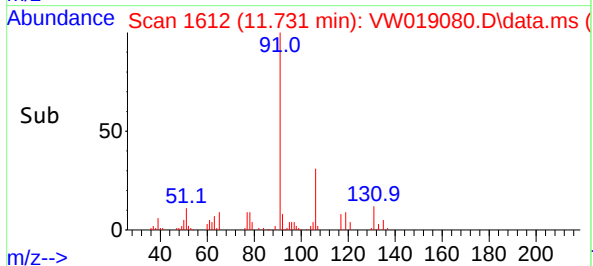
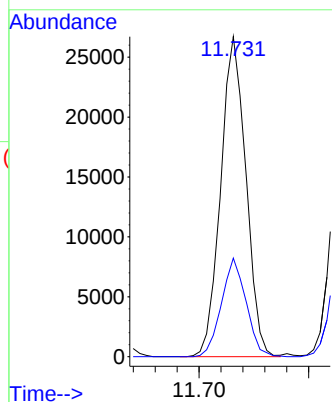
Instrument :
MSVOA_W
ClientSampleId :
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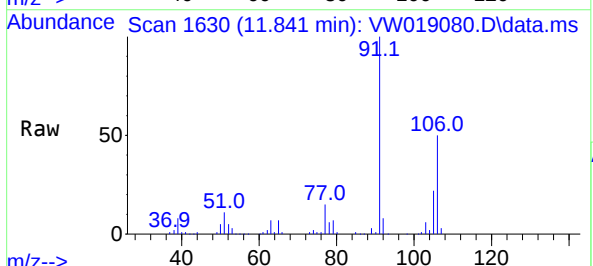
Tgt Ion: 91 Resp: 42723
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0

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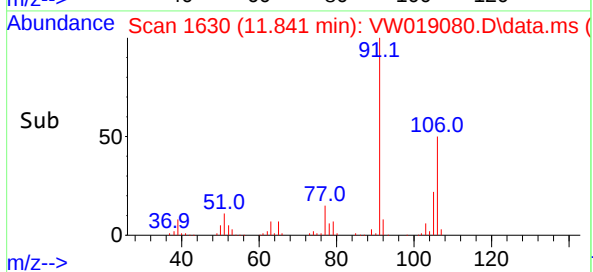
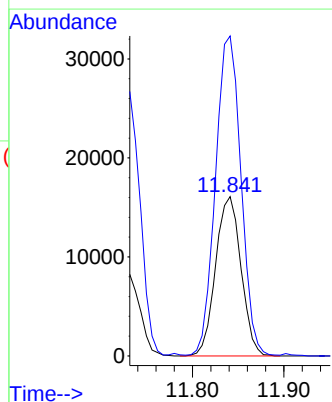
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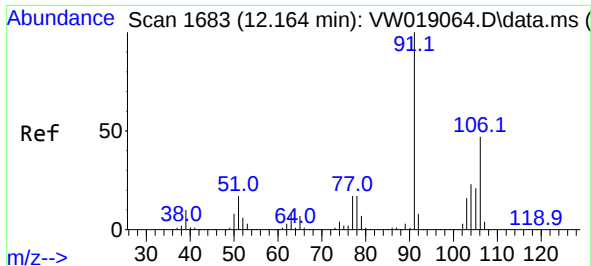


#68
m/p-Xylenes
Concen: 3.85 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



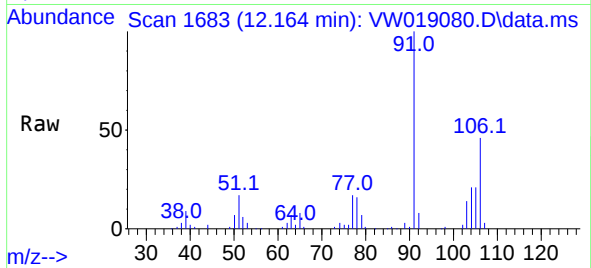
Tgt Ion: 106 Resp: 31101
Ion Ratio Lower Upper
106 100
91 200.3 164.2 246.2





#69
o-Xylene
Concen: 1.81 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

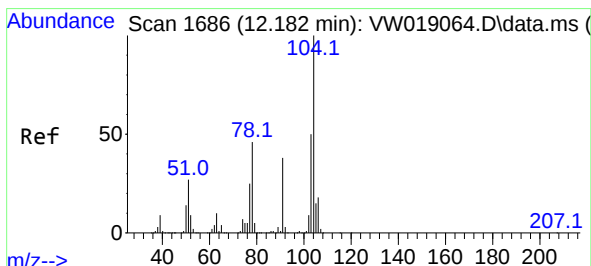
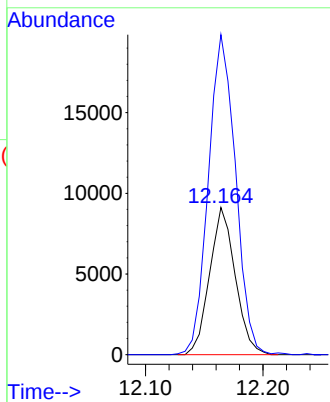
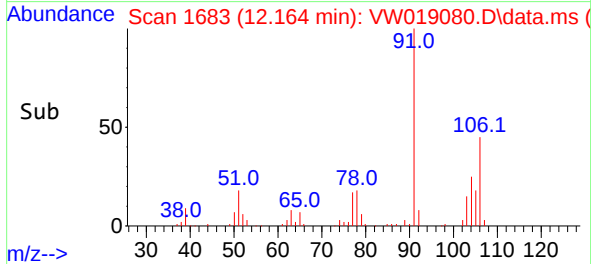
Instrument :
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ClientSampleId :
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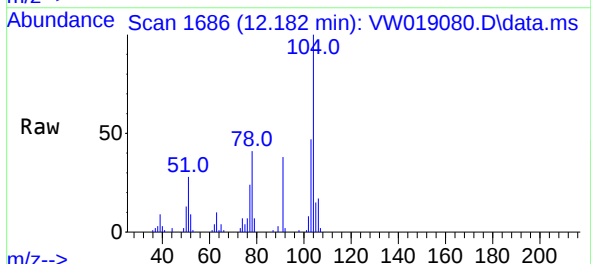
Tgt Ion:106 Resp: 13847
Ion Ratio Lower Upper
106 100
91 230.4 109.1 327.2

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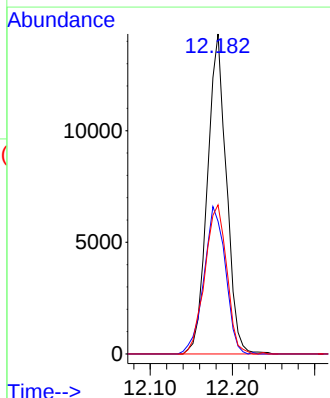
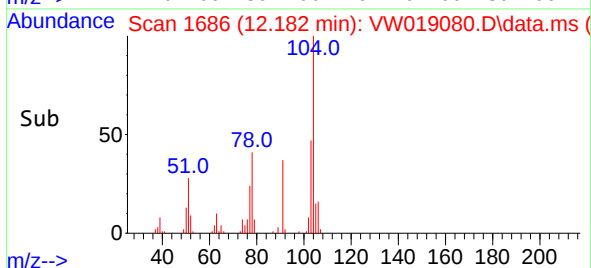
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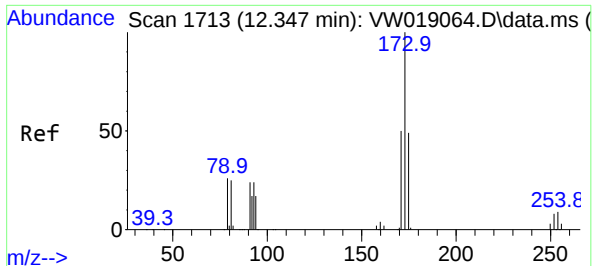


#70
Styrene
Concen: 1.81 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



Tgt Ion:104 Resp: 23057
Ion Ratio Lower Upper
104 100
78 52.0 41.3 61.9
103 53.5 44.1 66.1





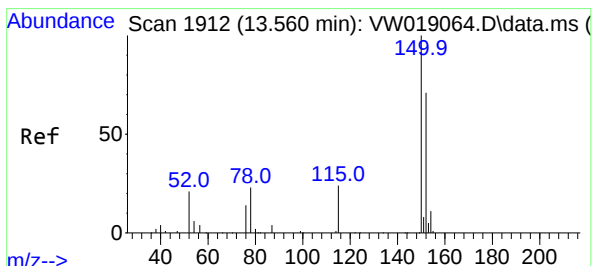
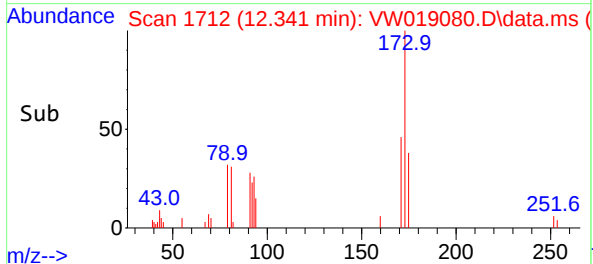
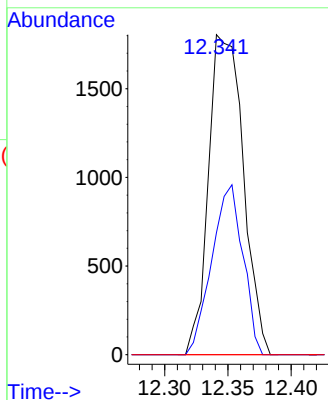
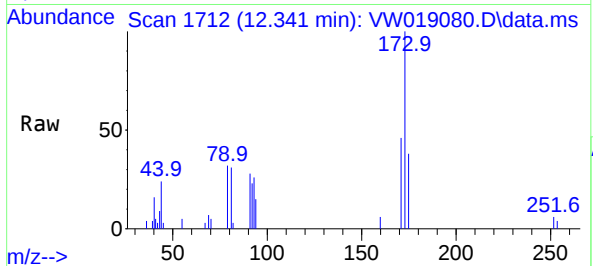
#71
Bromoform
Concen: 1.81 ug/l
RT: 12.341 min Scan# 1712
Delta R.T. -0.006 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion:	173	Resp:	3455
Ion Ratio	Lower	Upper	
173	100		
175	47.6	24.6	73.8
254	0.0	0.1	0.1#

Instrument :
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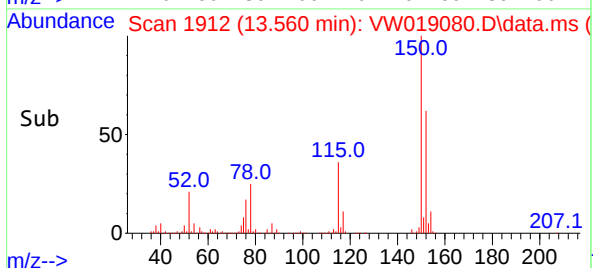
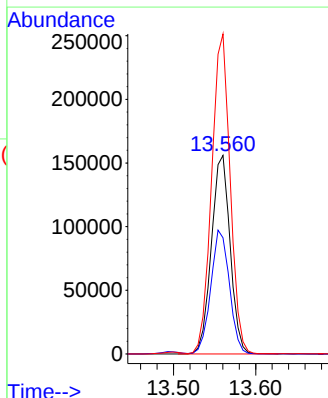
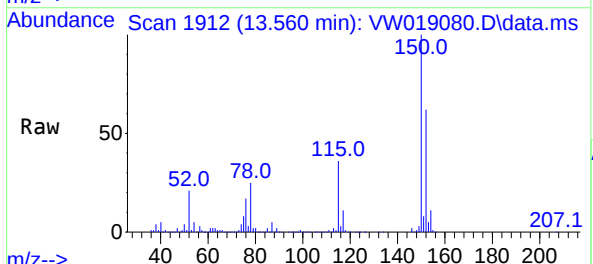
Manual Integrations
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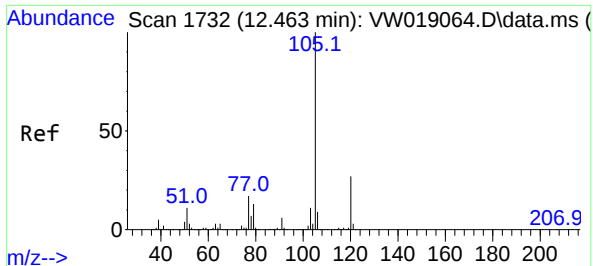
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

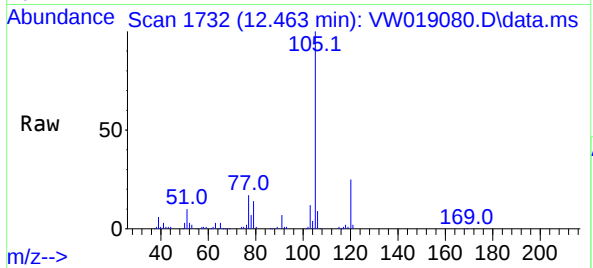
Tgt Ion:	152	Resp:	246945
Ion Ratio	Lower	Upper	
152	100		
115	62.1	30.3	90.8
150	159.0	0.0	356.0





#73
Isopropylbenzene
Concen: 1.88 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

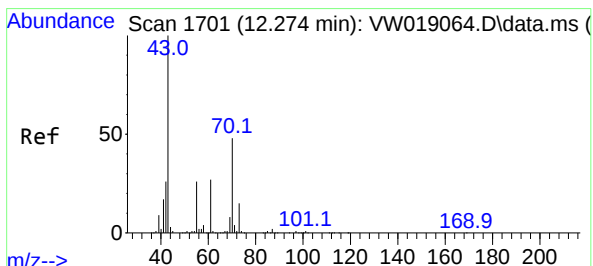
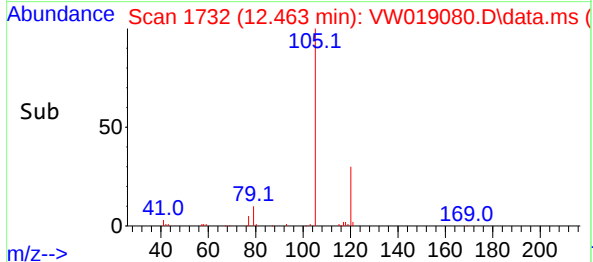
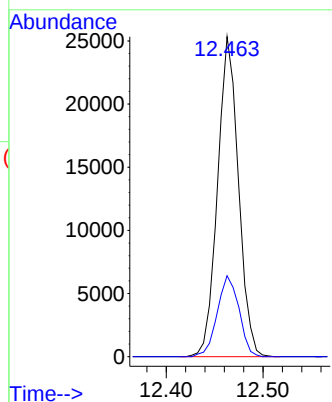
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021



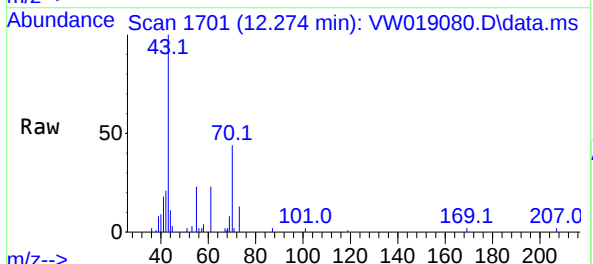
Tgt Ion:105 Resp: 37986
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5

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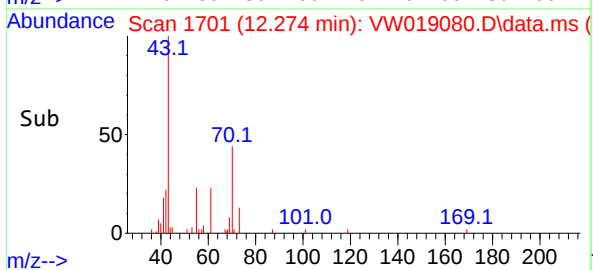
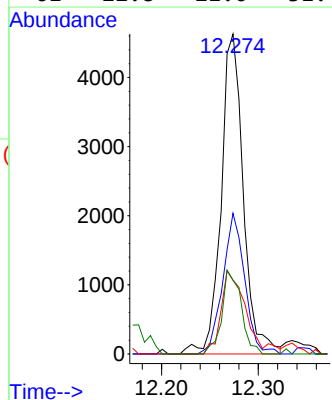
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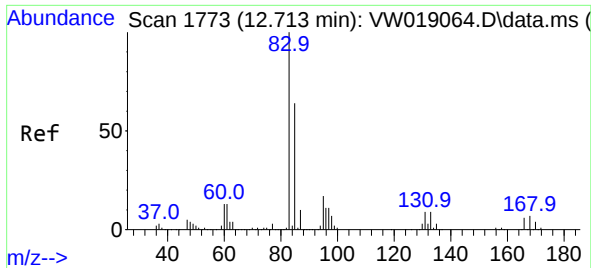


#74
N-ethyl acetate
Concen: 1.82 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



Tgt Ion: 43 Resp: 7385
Ion Ratio Lower Upper
43 100
70 43.2 38.4 57.6
55 29.2 21.6 32.4
61 22.8 21.0 31.4





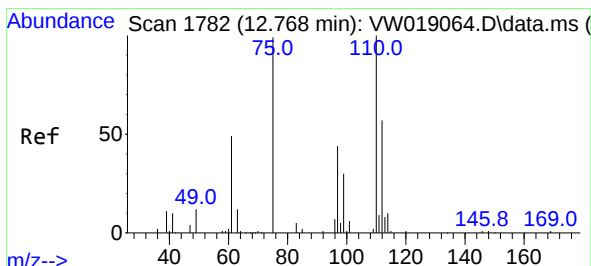
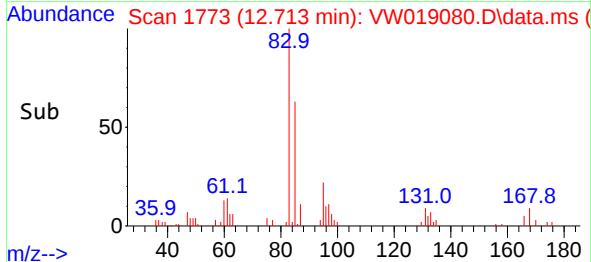
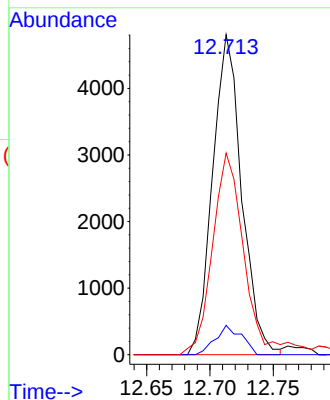
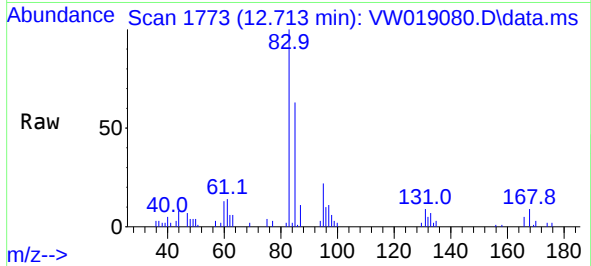
#75
1,1,2,2-Tetrachloroethane
Concen: 2.24 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion: 83 Resp: 7686
Ion Ratio Lower Upper
83 100
131 8.2 5.1 15.2
85 69.0 31.6 94.8

Instrument :
MSVOA_W
ClientSampleId :
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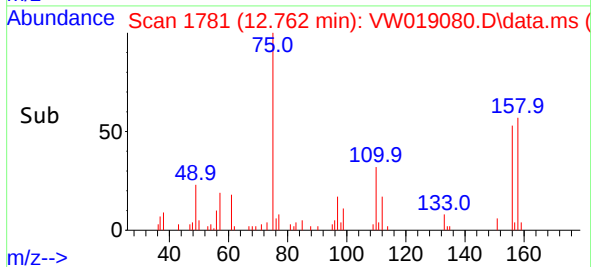
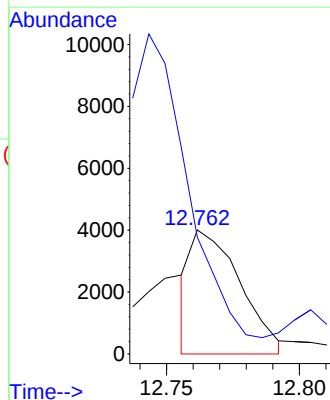
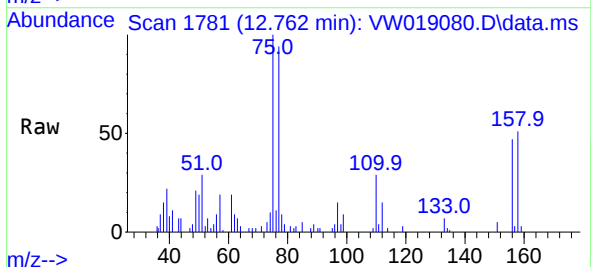
Manual Integrations
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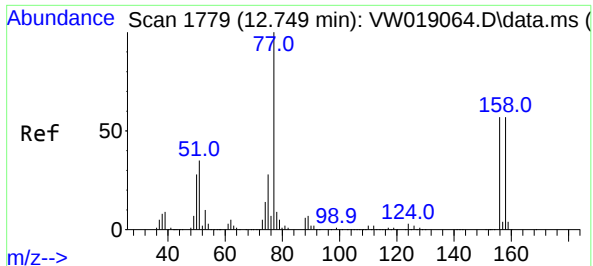
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#76
1,2,3-Trichloropropane
Concen: 2.19 ug/l m
RT: 12.762 min Scan# 1781
Delta R.T. -0.006 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion: 75 Resp: 5154
Ion Ratio Lower Upper
75 100
77 363.2 0.0 0.0#





#77
Bromobenzene
Concen: 2.05 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

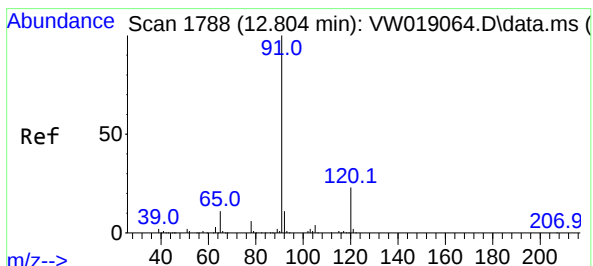
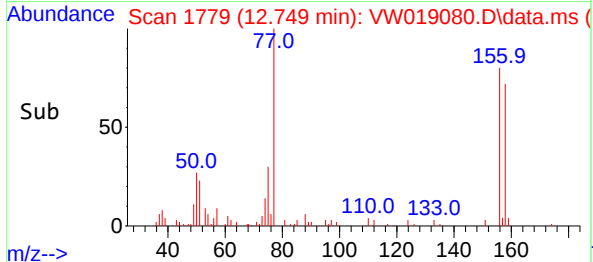
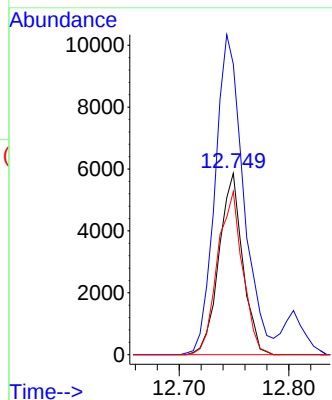
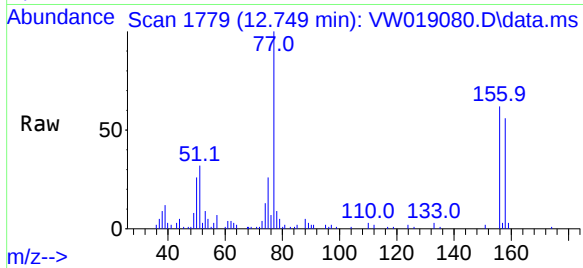
Tgt Ion: 156 Resp: 8834

Ion	Ratio	Lower	Upper
156	100		
77	211.9	96.7	290.0
158	94.9	48.4	145.3

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

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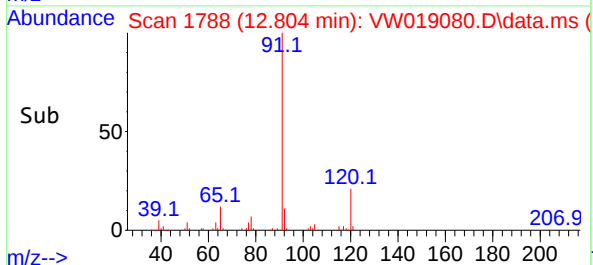
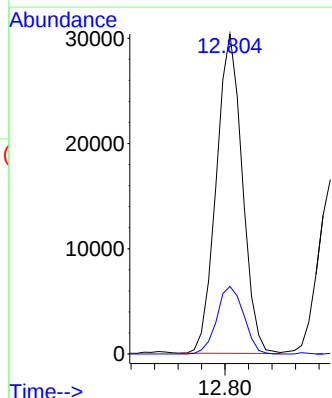
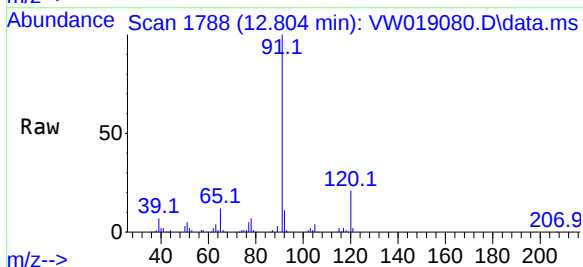
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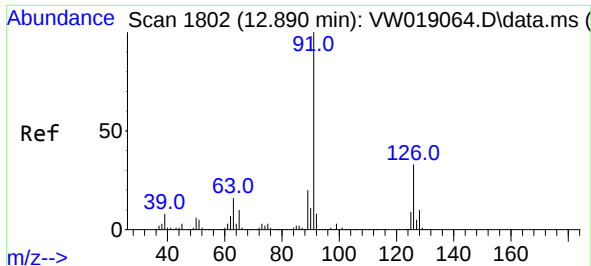


#78
n-propylbenzene
Concen: 1.87 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion: 91 Resp: 46578

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.1	33.3





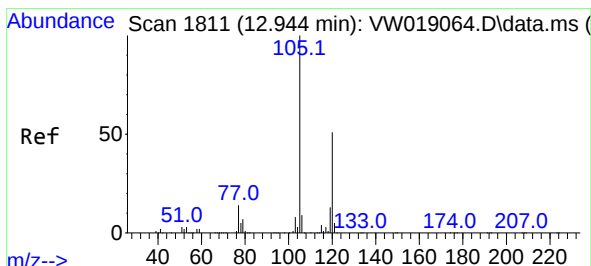
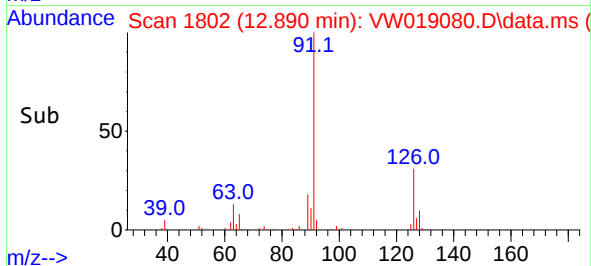
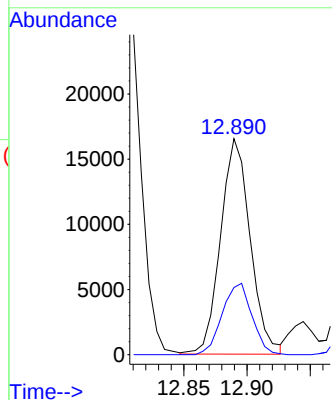
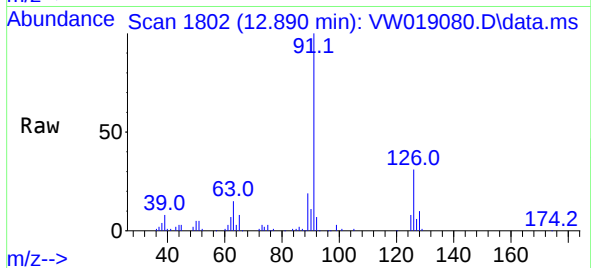
#79
2-Chlorotoluene
Concen: 1.92 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion: 91 Resp: 26981
Ion Ratio Lower Upper
91 100
126 33.0 16.5 49.5

Instrument :
MSVOA_W
ClientSampleId :
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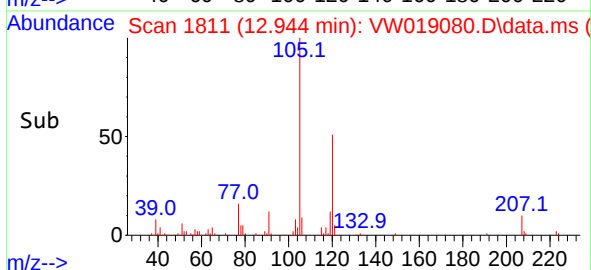
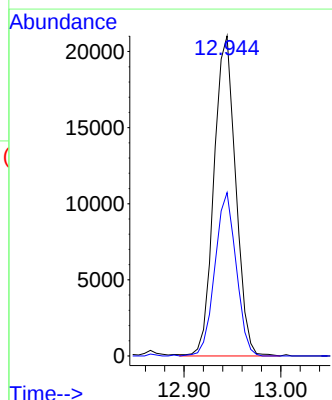
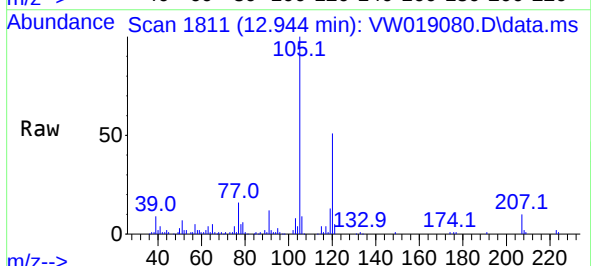
Manual Integrations
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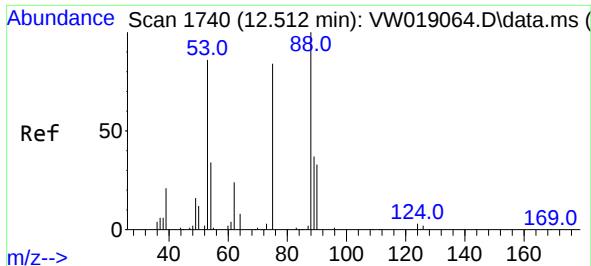
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#80
1,3,5-Trimethylbenzene
Concen: 1.93 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

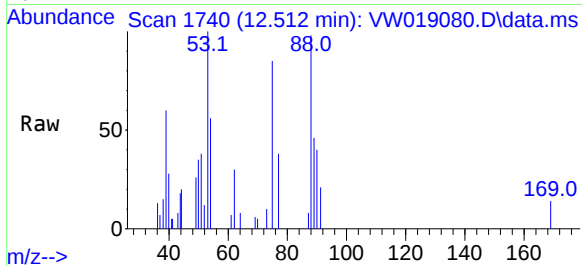
Tgt Ion: 105 Resp: 32769
Ion Ratio Lower Upper
105 100
120 50.0 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 1.70 ug/l m
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

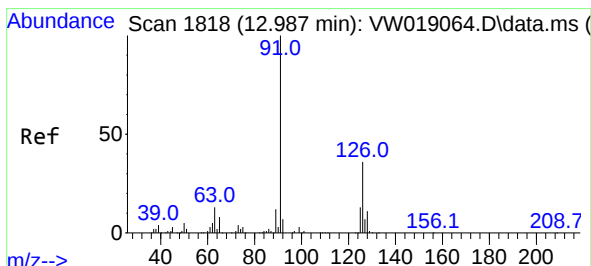
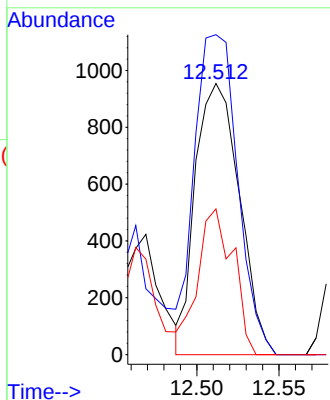
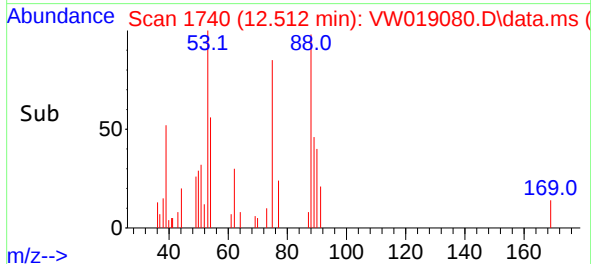
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021



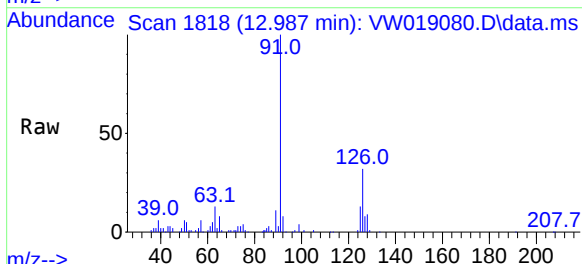
Tgt Ion: 75 Resp: 1777
Ion Ratio Lower Upper
75 100
53 0.0 81.5 122.3#
89 2.0 36.3 54.5#

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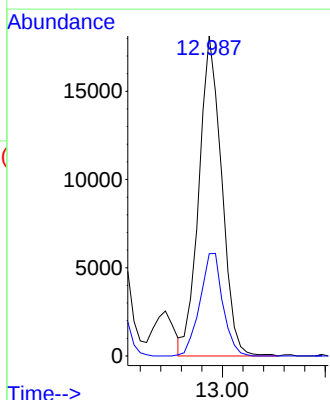
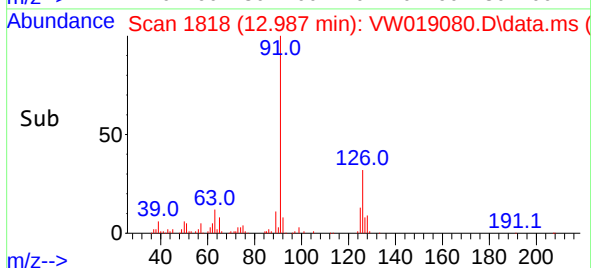
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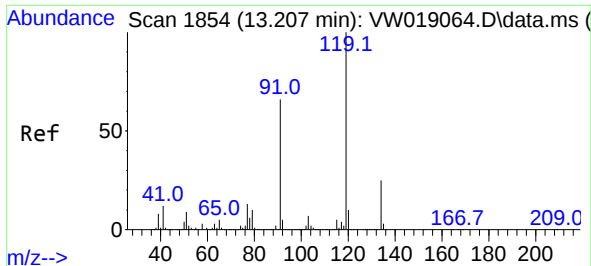


#82
4-Chlorotoluene
Concen: 1.88 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



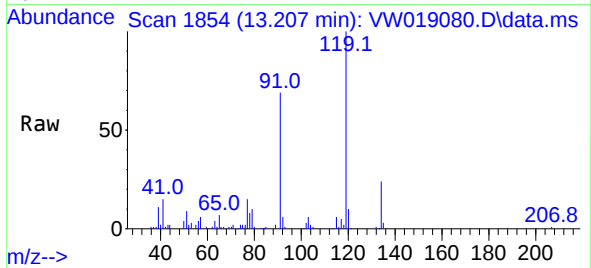
Tgt Ion: 91 Resp: 27905
Ion Ratio Lower Upper
91 100
126 32.4 16.1 48.2





#83
tert-Butylbenzene
Concen: 1.81 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

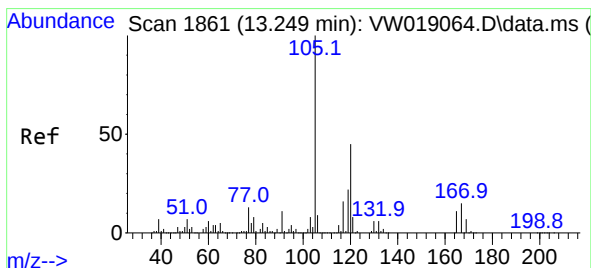
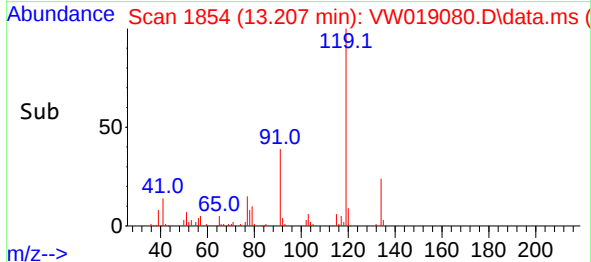
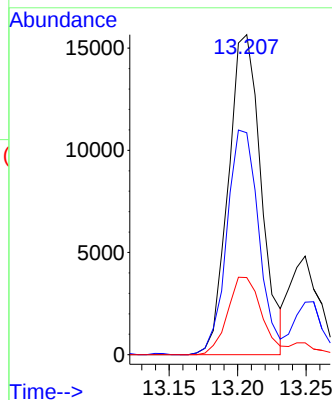
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021



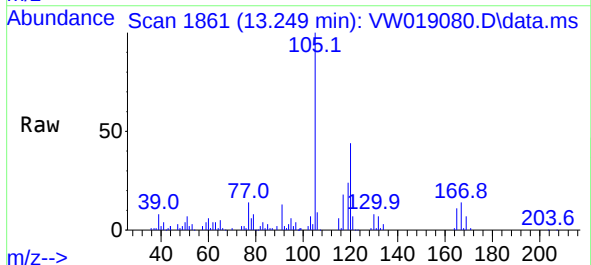
Tgt Ion:119 Resp: 26172
Ion Ratio Lower Upper
119 100
91 68.0 34.0 102.0
134 25.4 13.0 38.9

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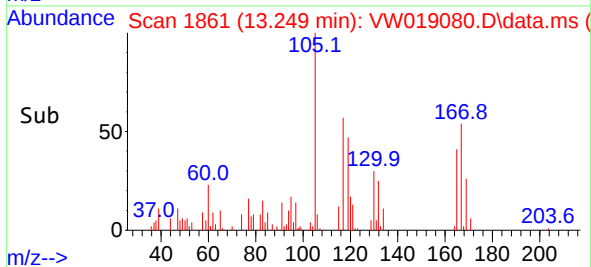
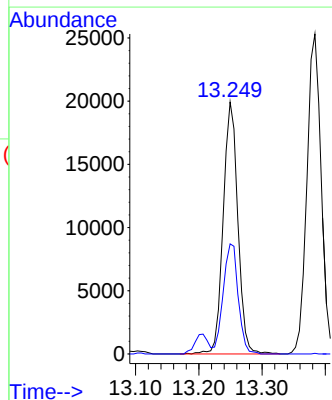
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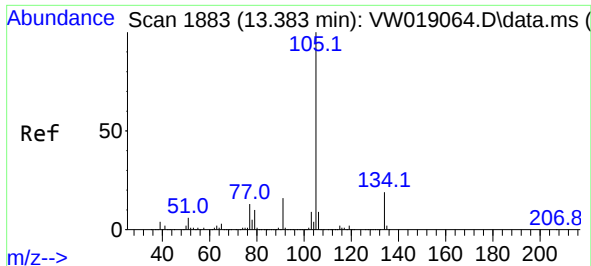


#84
1,2,4-Trimethylbenzene
Concen: 1.88 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



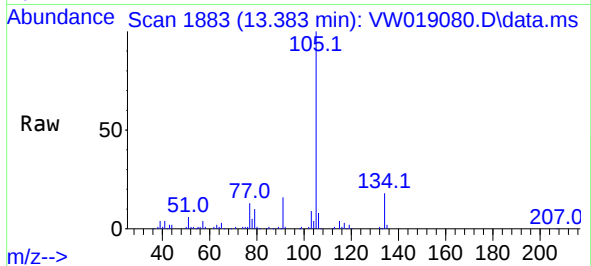
Tgt Ion:105 Resp: 31932
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.0





#85
sec-Butylbenzene
Concen: 1.81 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

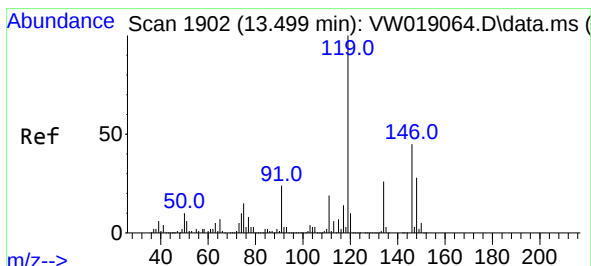
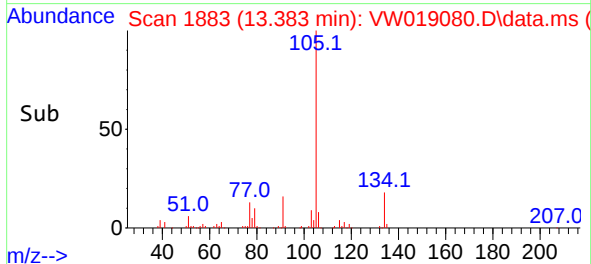
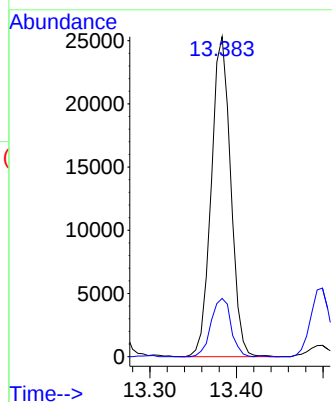
Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:105 Resp: 39405
Ion Ratio Lower Upper
105 100
134 18.7 10.1 30.1

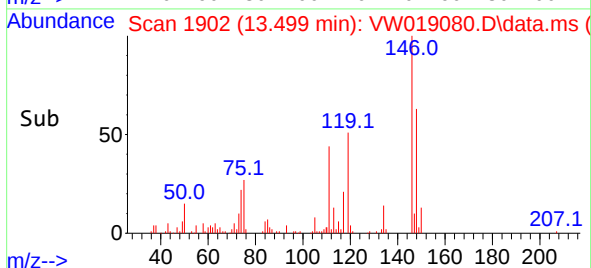
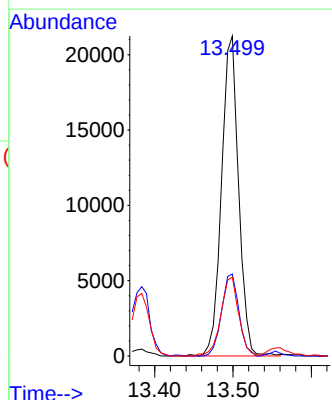
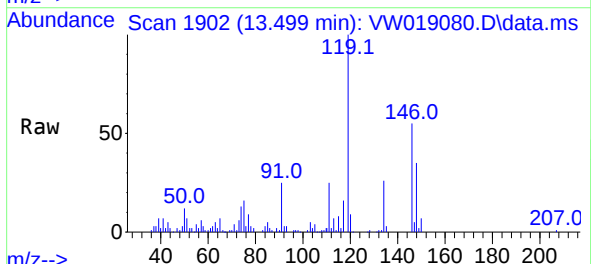
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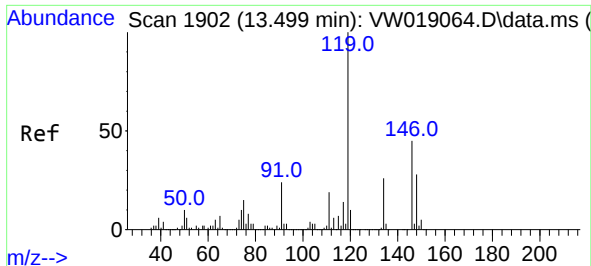
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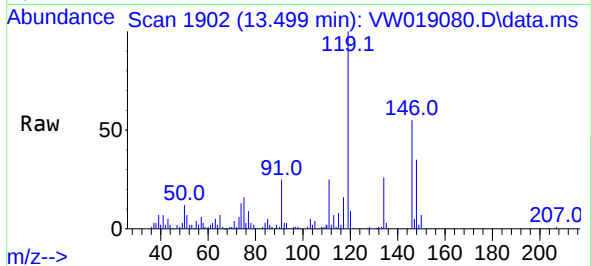
#86
p-Isopropyltoluene
Concen: 1.74 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion:119 Resp: 32254
Ion Ratio Lower Upper
119 100
134 25.9 12.8 38.3
91 25.7 12.1 36.3

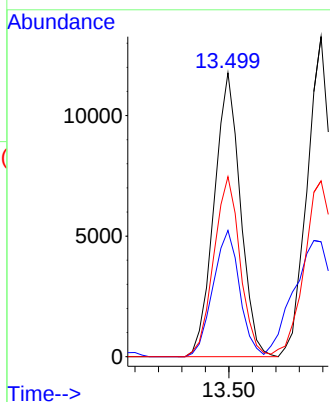




#87
1,3-Dichlorobenzene
Concen: 2.04 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



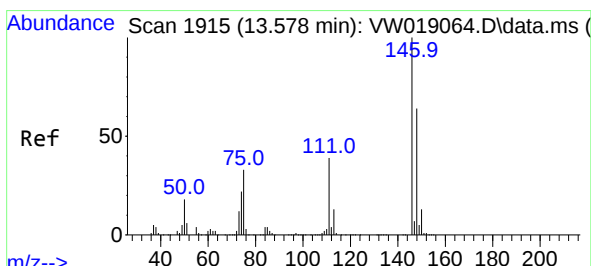
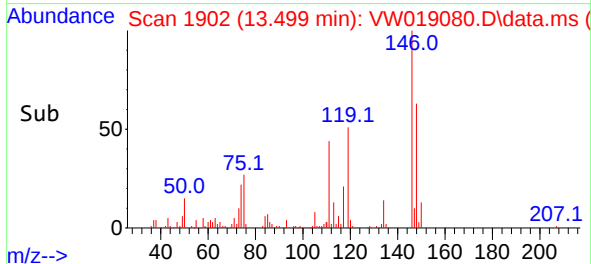
Tgt Ion:	146	Resp:	18199
Ion Ratio	Lower	Upper	
146	100		
111	45.3	20.7	62.1
148	64.1	31.8	95.3



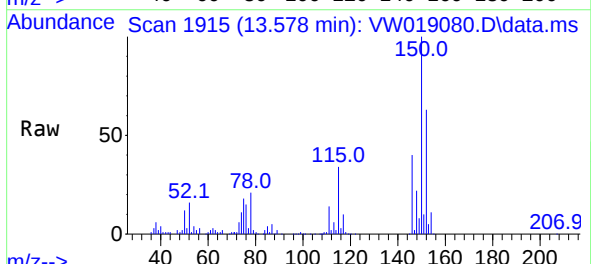
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

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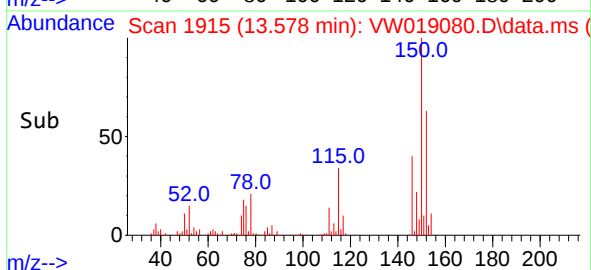
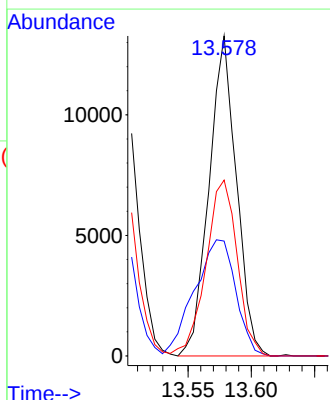
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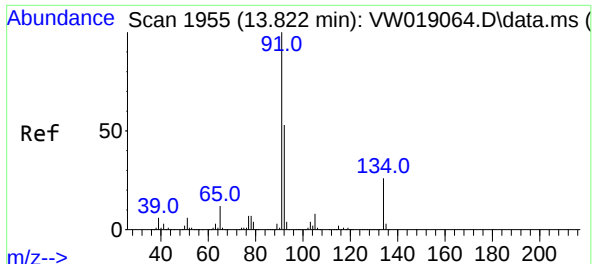


#88
1,4-Dichlorobenzene
Concen: 2.28 ug/l
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



Tgt Ion:	146	Resp:	19997
Ion Ratio	Lower	Upper	
146	100		
111	54.6	20.1	60.3
148	62.6	32.4	97.2





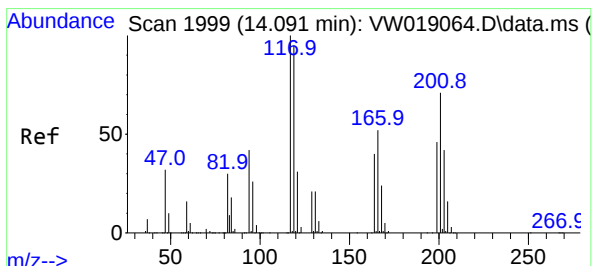
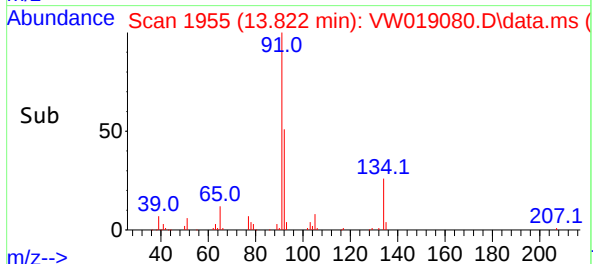
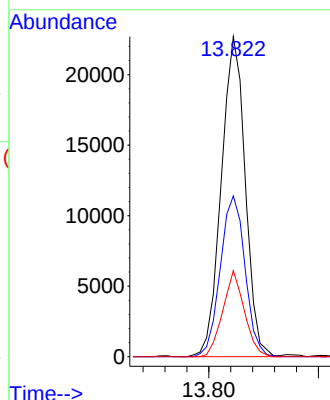
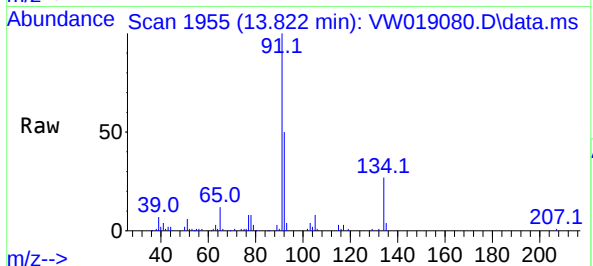
#89
n-Butylbenzene
Concen: 1.86 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion:	91	Resp:	34451
Ion Ratio	Lower	Upper	
91	100		
92	51.8	26.6	79.8
134	24.2	12.7	38.0

Instrument :
MSVOA_W
ClientSampleId :
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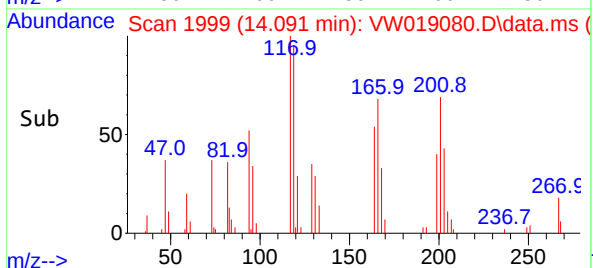
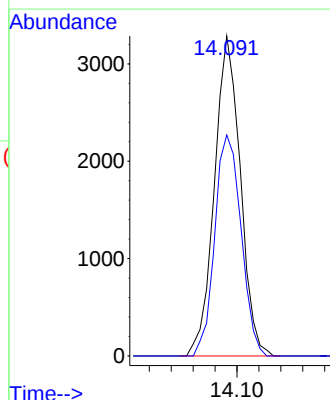
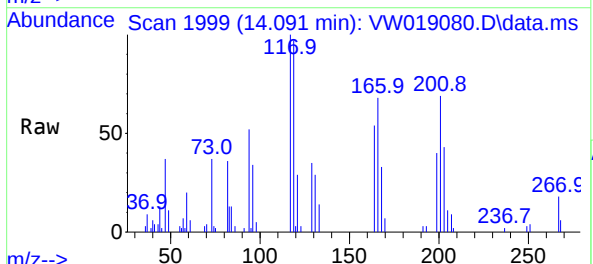
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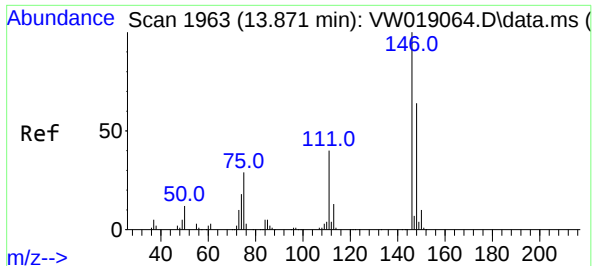
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#90
Hexachloroethane
Concen: 1.85 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion:	117	Resp:	5403
Ion Ratio	Lower	Upper	
117	100		
201	69.9	38.4	115.2





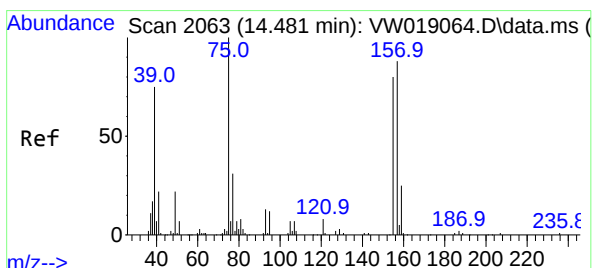
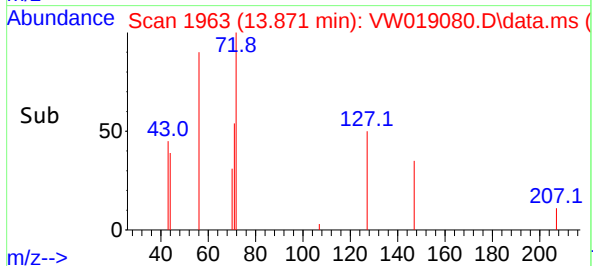
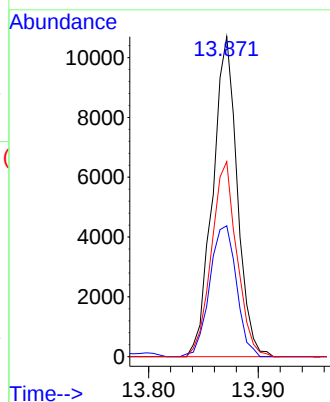
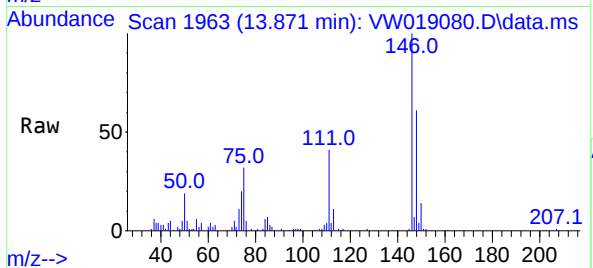
#91
1,2-Dichlorobenzene
Concen: 2.14 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

Tgt Ion:	146	Resp:	16631
Ion	Ratio	Lower	Upper
146	100		
111	44.6	21.1	63.1
148	63.1	32.6	97.7

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

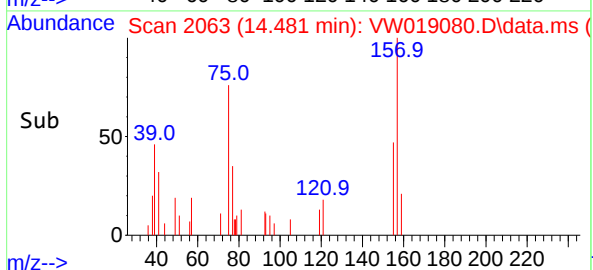
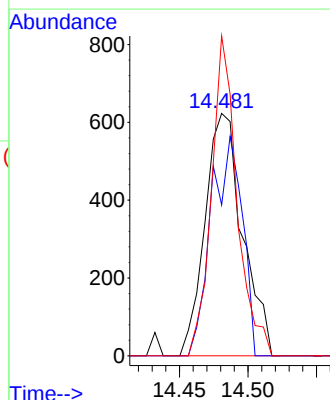
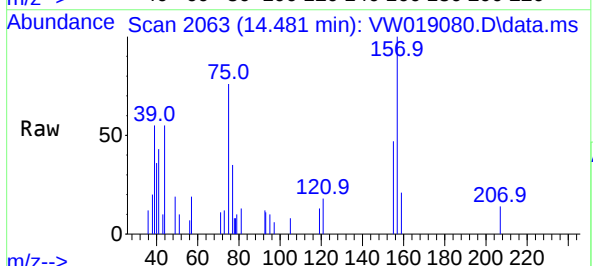
Manual Integrations
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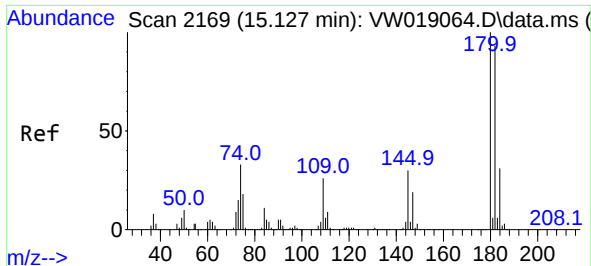
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#92
1,2-Dibromo-3-Chloropropane
Concen: 2.17 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

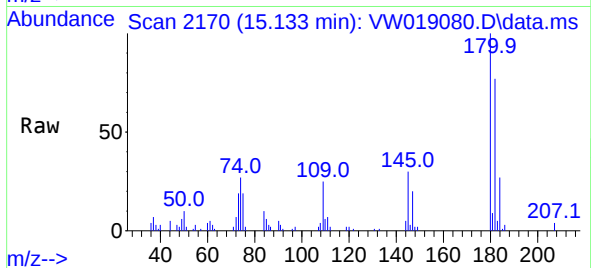
Tgt Ion:	75	Resp:	1188
Ion	Ratio	Lower	Upper
75	100		
155	74.7	41.3	124.1
157	89.7	51.2	153.6





#93
1,2,4-Trichlorobenzene
Concen: 2.14 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

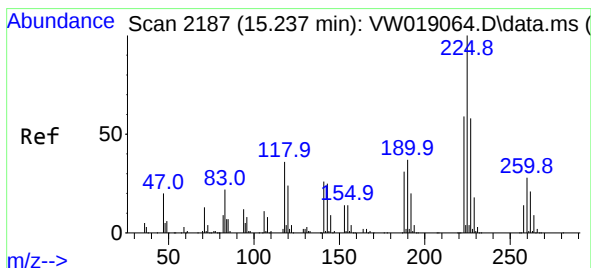
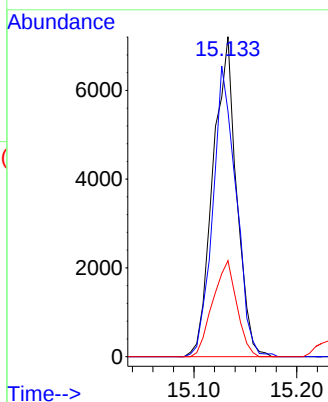
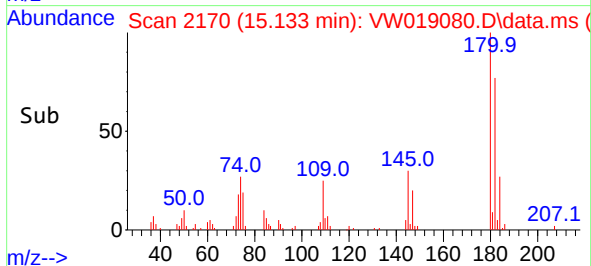
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021



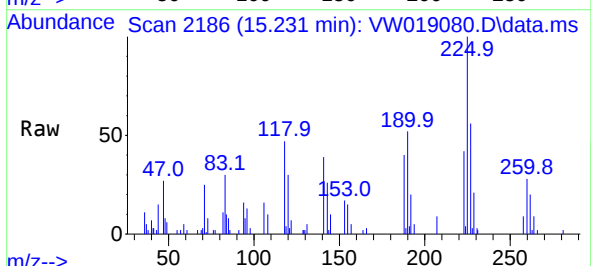
Tgt Ion:180 Resp: 11478
Ion Ratio Lower Upper
180 100
182 89.8 48.9 146.7
145 30.6 15.4 46.1

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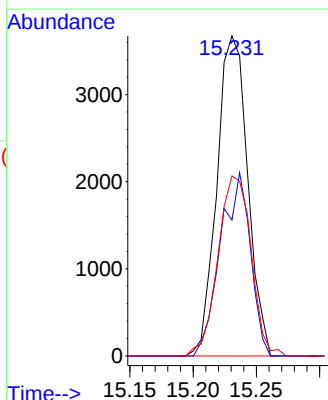
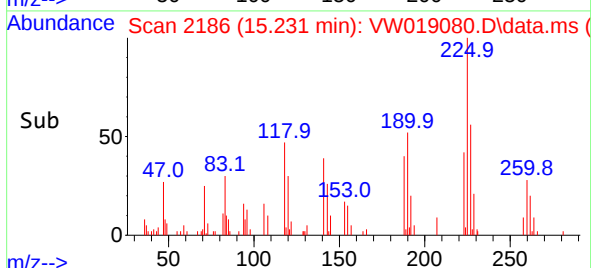
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5/27/2021 10:29:34 AM

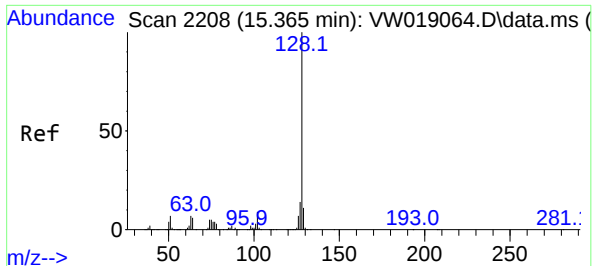


#94
Hexachlorobutadiene
Concen: 2.05 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42

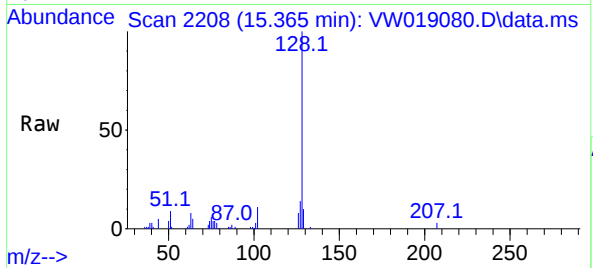


Tgt Ion:225 Resp: 6222
Ion Ratio Lower Upper
225 100
223 55.4 29.6 88.8
227 60.5 30.4 91.3

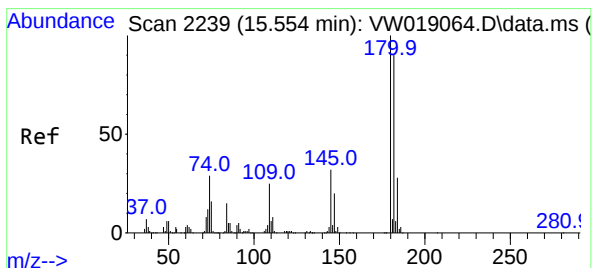
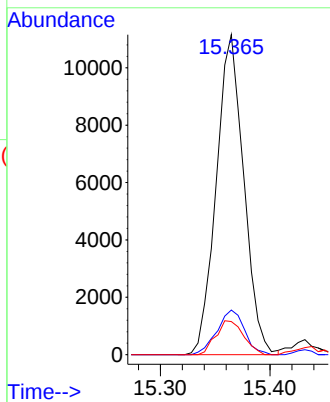
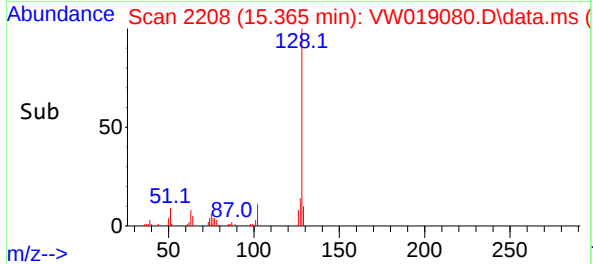




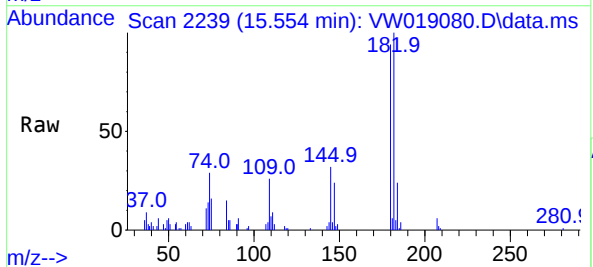
#95
Naphthalene
Concen: 2.07 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



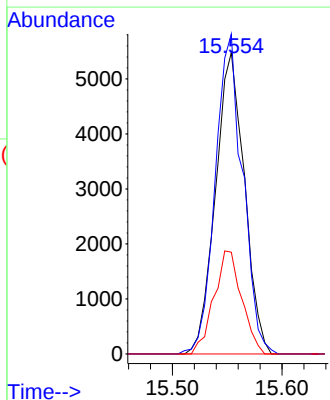
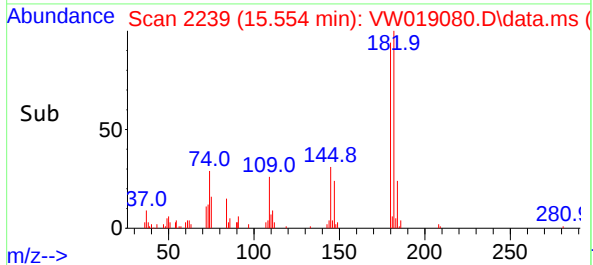
Tgt Ion:128 Resp: 19486
Ion Ratio Lower Upper
128 100
127 13.9 10.4 15.6
129 10.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 2.21 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW019080.D
Acq: 25 May 2021 16:42



Tgt Ion:180 Resp: 10023
Ion Ratio Lower Upper
180 100
182 100.7 47.4 142.3
145 32.8 16.1 48.2



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

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5/27/2021 10:29:34 AM