

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052021\
 Data File : VW019039.D
 Acq On : 19 May 2021 18:29
 Operator : SY/VA
 Sample : M2262-01 4PPBLOD
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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Quant Time: May 20 03:47:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 20 03:45:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	345997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	583902	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	536701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	264778	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	192291	54.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.98%	
35) Dibromofluoromethane	7.884	113	166707	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
50) Toluene-d8	10.323	98	662364	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.615	95	236237	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	10364	4.45	ug/l	99
3) Chloromethane	2.215	50	12527	4.85	ug/l	96
4) Vinyl Chloride	2.367	62	16886	4.45	ug/l	95
5) Bromomethane	2.782	94	14886	4.68	ug/l	95
6) Chloroethane	2.928	64	12047	4.62	ug/l	97
7) Trichlorofluoromethane	3.263	101	7591	3.63	ug/l	87
8) Diethyl Ether	3.684	74	8795	4.84	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.068	101	15735	4.66	ug/l	97
10) Methyl Iodide	4.275	142	22859	4.61	ug/l	100
11) Tert butyl alcohol	5.190	59	8090	39.37	ug/l #	81
12) 1,1-Dichloroethene	4.050	96	15532	4.51	ug/l	94
13) Acrolein	3.897	56	5003	21.47	ug/l	98
14) Allyl chloride	4.672	41	18711	4.17	ug/l	100
15) Acrylonitrile	5.373	53	15736	23.09	ug/l	98
16) Acetone	4.135	43	16357	29.48	ug/l	92
17) Carbon Disulfide	4.391	76	39676	4.21	ug/l	100
18) Methyl Acetate	4.672	43	8391	5.14	ug/l	97
19) Methyl tert-butyl Ether	5.428	73	20728	4.79	ug/l	93
20) Methylene Chloride	4.921	84	51903	10.43	ug/l	91
21) trans-1,2-Dichloroethene	5.421	96	18158	4.61	ug/l	97
22) Diisopropyl ether	6.318	45	40710	4.46	ug/l	95
23) Vinyl Acetate	6.257	43	129840	21.16	ug/l	100
24) 1,1-Dichloroethane	6.220	63	32403	4.59	ug/l	99
25) 2-Butanone	7.177	43	23319	25.59	ug/l	99
26) 2,2-Dichloropropane	7.159	77	19596	5.15	ug/l	93
27) cis-1,2-Dichloroethene	7.177	96	20266	4.64	ug/l	95
28) Bromochloromethane	7.512	49	13152	4.58	ug/l	98
29) Tetrahydrofuran	7.537	42	12975	24.34	ug/l	99
30) Chloroform	7.677	83	33265	4.63	ug/l	98
31) Cyclohexane	7.951	56	31668	5.36	ug/l #	74
32) 1,1,1-Trichloroethane	7.872	97	23888	4.48	ug/l	98
36) 1,1-Dichloropropene	8.086	75	26070	4.48	ug/l	100
37) Ethyl Acetate	7.263	43	12518	5.56	ug/l	98
38) Carbon Tetrachloride	8.073	117	21957	4.29	ug/l	97
39) Methylcyclohexane	9.335	83	29017	4.51	ug/l	97
40) Benzene	8.323	78	75420	4.64	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	5879	4.79	ug/l	89
42) 1,2-Dichloroethane	8.403	62	23540	4.89	ug/l	100
43) Isopropyl Acetate	8.427	43	19135	4.56	ug/l	100
44) Trichloroethene	9.091	130	19374	4.62	ug/l	98
45) 1,2-Dichloropropane	9.372	63	17845	4.54	ug/l	95
46) Dibromomethane	9.463	93	10191	4.77	ug/l	96
47) Bromodichloromethane	9.646	83	22995	4.33	ug/l	99
48) Methyl methacrylate	9.439	41	8485	4.40	ug/l	93
49) 1,4-Dioxane	9.457	88	2312	95.01	ug/l #	83
51) 4-Methyl-2-Pentanone	10.207	43	51837	23.85	ug/l	99
52) Toluene	10.384	92	46313	4.49	ug/l	96
53) t-1,3-Dichloropropene	10.603	75	21533	4.13	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	25973	4.18	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	14149	4.80	ug/l	95
56) Ethyl methacrylate	10.646	69	15366	4.15	ug/l	97
57) 1,3-Dichloropropane	10.933	76	23744	4.50	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.927	63	38878	20.29	ug/l	99
59) 2-Hexanone	10.969	43	31925	22.10	ug/l	99
60) Dibromochloromethane	11.128	129	13722	4.16	ug/l	97
61) 1,2-Dibromoethane	11.237	107	13029	4.59	ug/l	98
64) Tetrachloroethene	10.859	164	16500	4.73	ug/l	92
65) Chlorobenzene	11.658	112	49977	4.58	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	15587	4.18	ug/l	97
67) Ethyl Benzene	11.731	91	87767	4.35	ug/l	96
68) m/p-Xylenes	11.841	106	64541	8.51	ug/l	97
69) o-Xylene	12.164	106	29525	4.17	ug/l	96
70) Styrene	12.182	104	48611	4.05	ug/l	97
71) Bromoform	12.347	173	7337	3.92	ug/l #	98
73) Isopropylbenzene	12.463	105	81623	4.21	ug/l	99
74) N-amyl acetate	12.274	43	16066	4.01	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	16656	4.80	ug/l	96
76) 1,2,3-Trichloropropane	12.768	75	10330m	4.13	ug/l	
77) Bromobenzene	12.743	156	19044	4.45	ug/l	96
78) n-propylbenzene	12.804	91	103820	4.38	ug/l	99
79) 2-Chlorotoluene	12.890	91	58505	4.33	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	69674	4.23	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	3974m	3.87	ug/l	
82) 4-Chlorotoluene	12.987	91	62500	4.36	ug/l	98
83) tert-Butylbenzene	13.200	119	57603	4.15	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	68499	4.19	ug/l	100
85) sec-Butylbenzene	13.383	105	89348	4.34	ug/l	98
86) p-Isopropyltoluene	13.499	119	74869	4.20	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	37873	4.33	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	40389	4.69	ug/l	94
89) n-Butylbenzene	13.822	91	75649	4.31	ug/l	97
90) Hexachloroethane	14.091	117	11274	4.03	ug/l	90
91) 1,2-Dichlorobenzene	13.865	146	34654	4.48	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2566	4.63	ug/l	92
93) 1,2,4-Trichlorobenzene	15.133	180	23672	4.57	ug/l	96
94) Hexachlorobutadiene	15.231	225	13245	4.43	ug/l	96
95) Naphthalene	15.365	128	41006	4.35	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	20482	4.57	ug/l	95

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

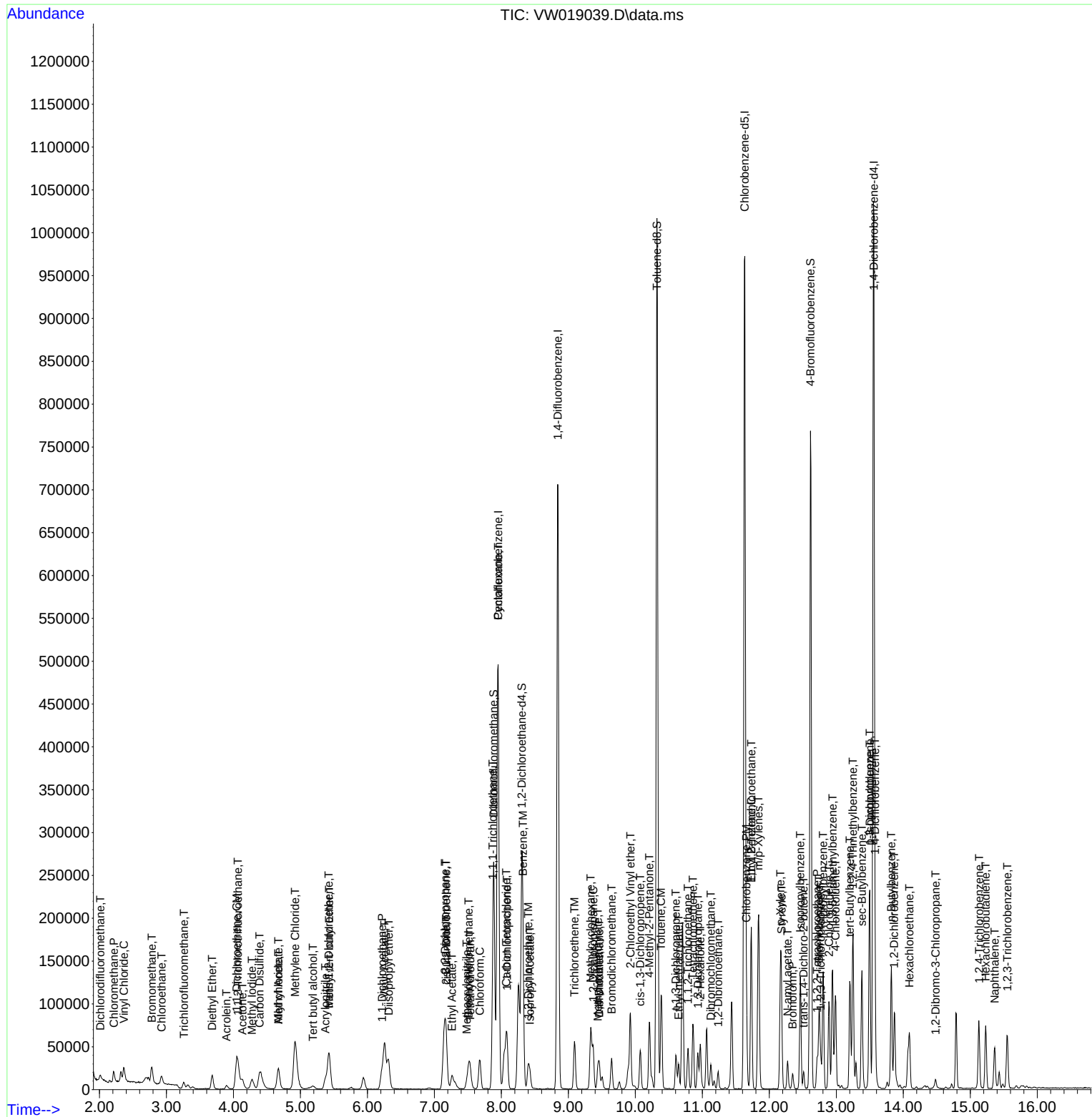
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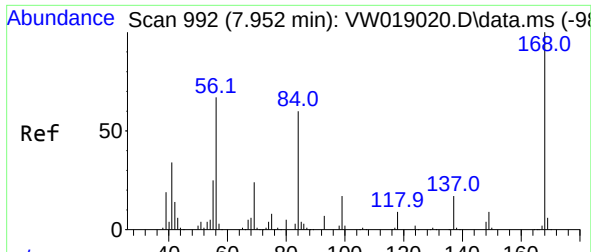
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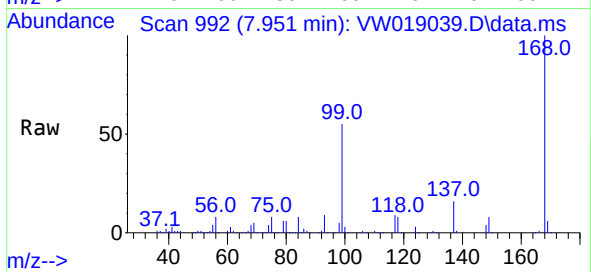
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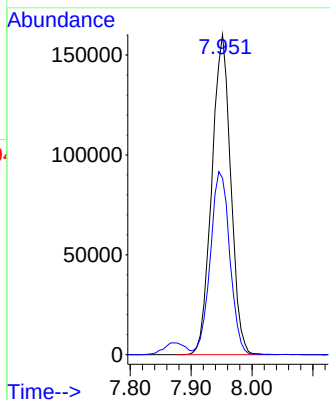
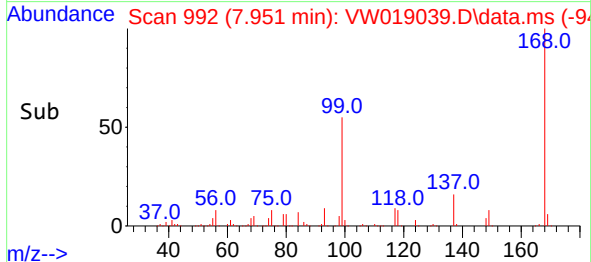




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.001 min
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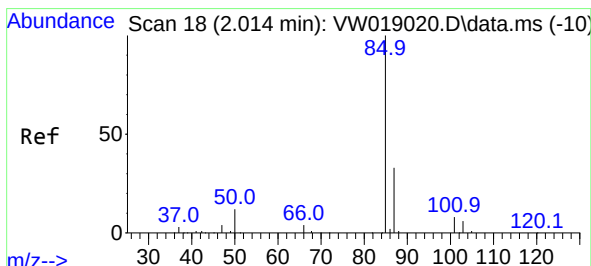
Tgt Ion: 168 Resp: 345997
Ion Ratio Lower Upper
168 100
99 55.1 48.8 73.2



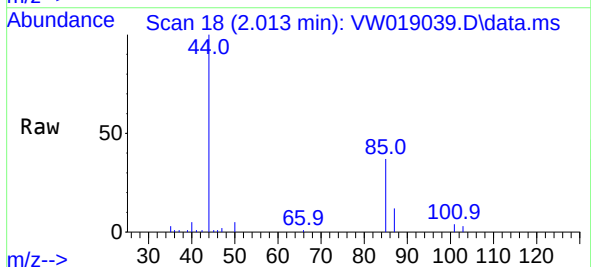
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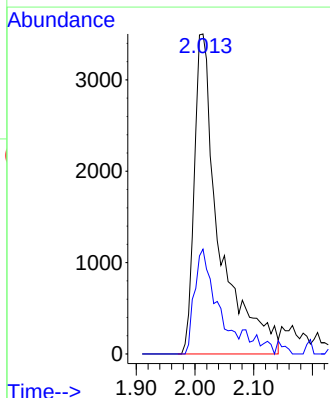
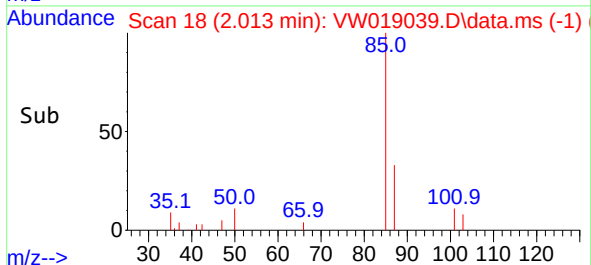
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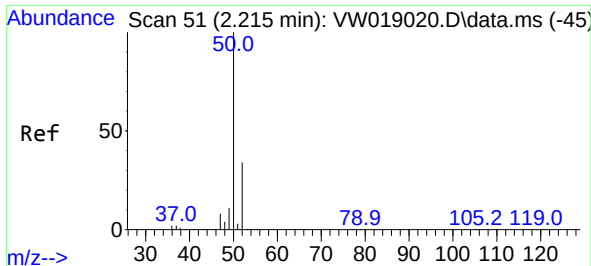


#2
Dichlorodifluoromethane
Concen: 4.45 ug/l
RT: 2.013 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



Tgt Ion: 85 Resp: 10364
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.0





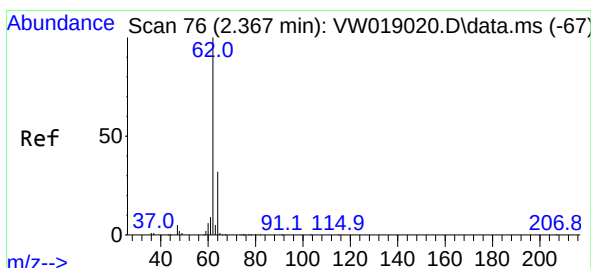
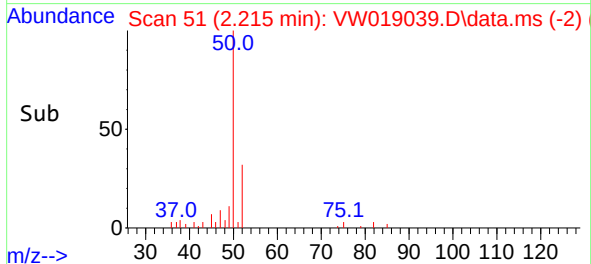
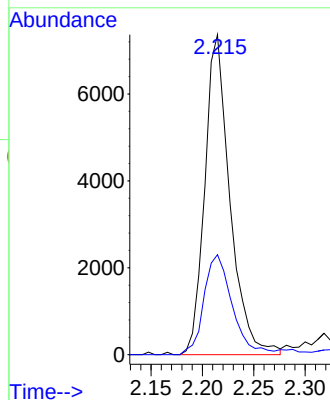
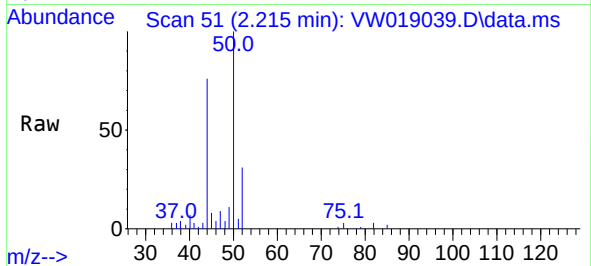
#3
Chloromethane
Concen: 4.85 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion: 50 Resp: 12527
Ion Ratio Lower Upper
50 100
52 31.3 26.9 40.3

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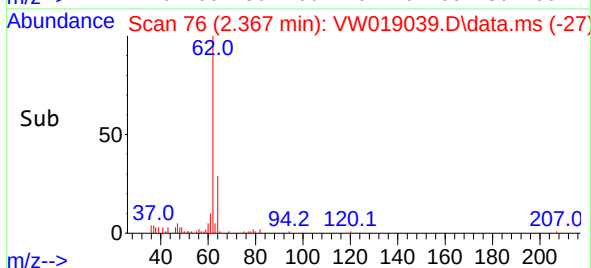
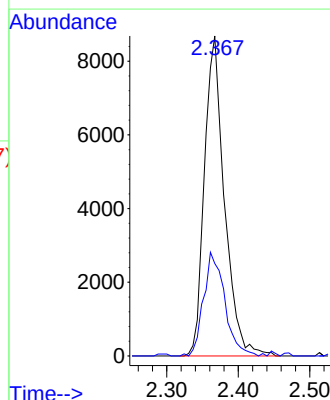
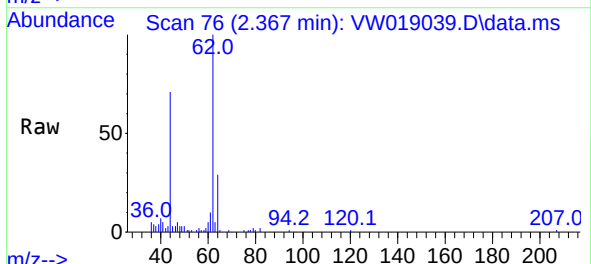
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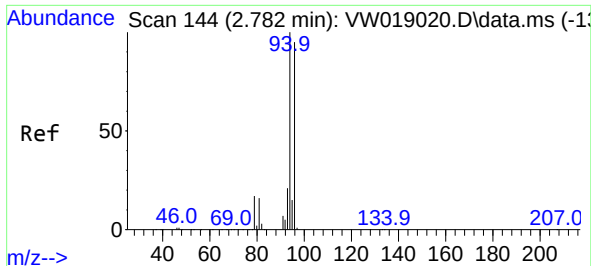
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#4
Vinyl Chloride
Concen: 4.45 ug/l
RT: 2.367 min Scan# 76
Delta R.T. -0.000 min
Lab File: VW019039.D
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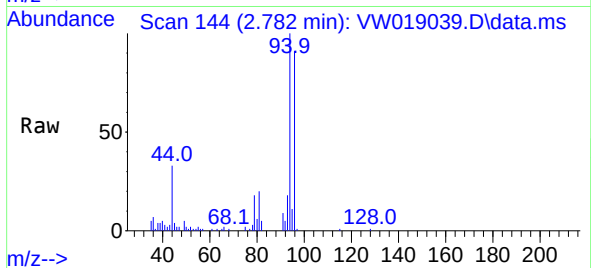
Tgt Ion: 62 Resp: 16886
Ion Ratio Lower Upper
62 100
64 28.9 25.3 37.9





#5
Bromomethane
Concen: 4.68 ug/l
RT: 2.782 min Scan# 144
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

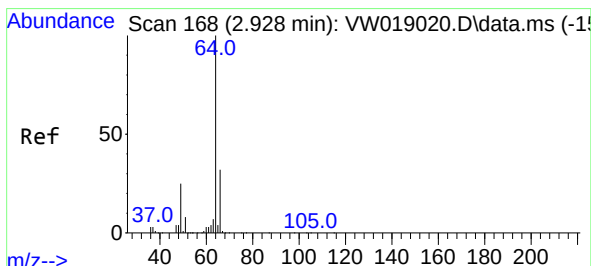
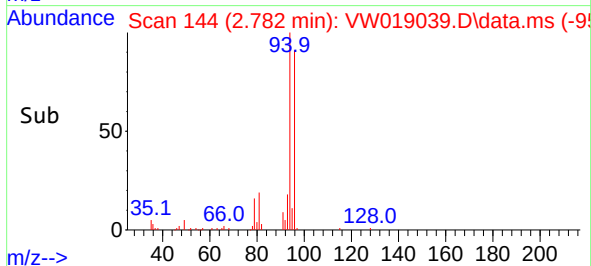
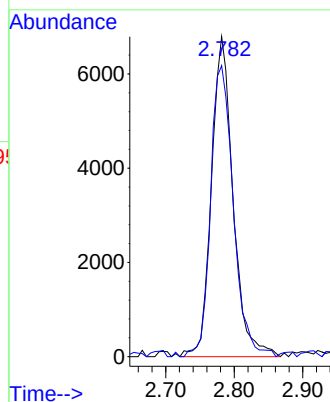
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Tgt Ion: 94 Resp: 14886
Ion Ratio Lower Upper
94 100
96 90.9 76.4 114.6

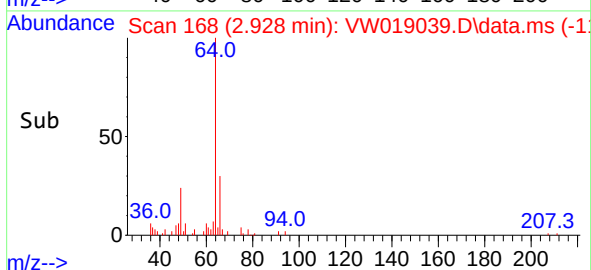
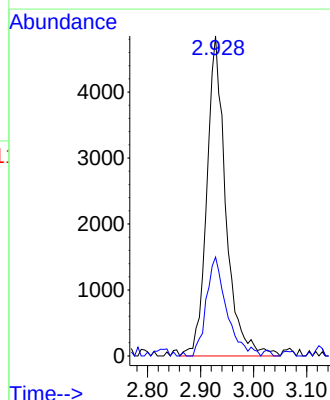
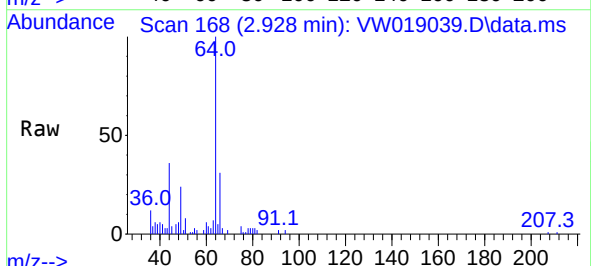
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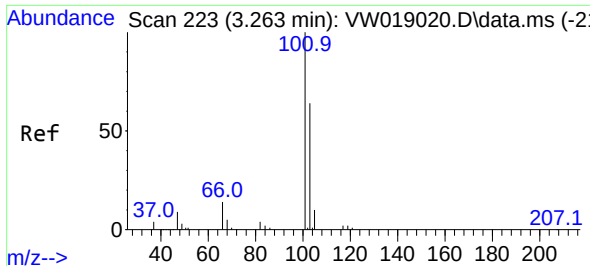
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#6
Chloroethane
Concen: 4.62 ug/l
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 12047
Ion Ratio Lower Upper
64 100
66 30.9 25.9 38.9





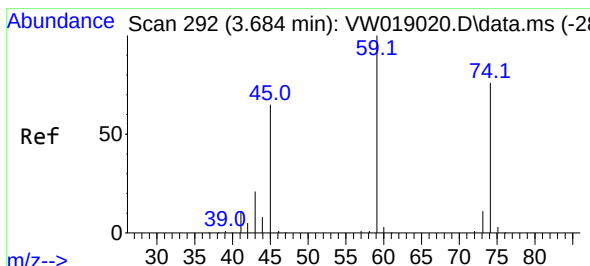
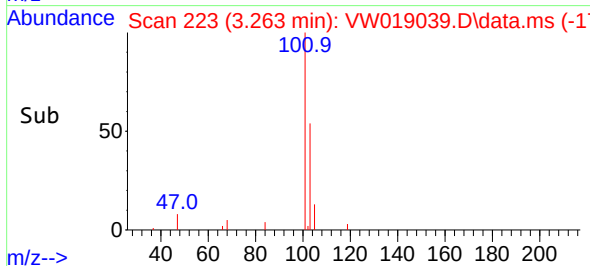
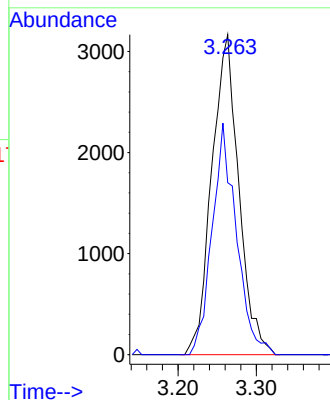
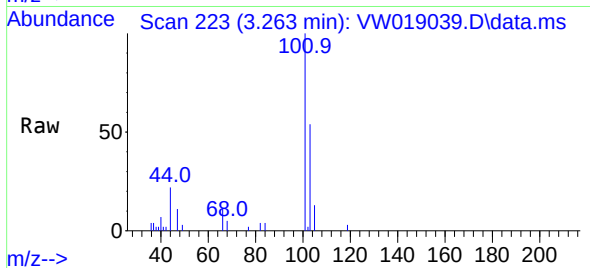
#7
Trichlorofluoromethane
Concen: 3.63 ug/l
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion:101 Resp: 7591
Ion Ratio Lower Upper
101 100
103 53.7 51.4 77.2

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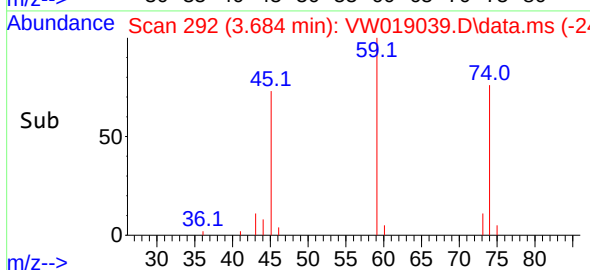
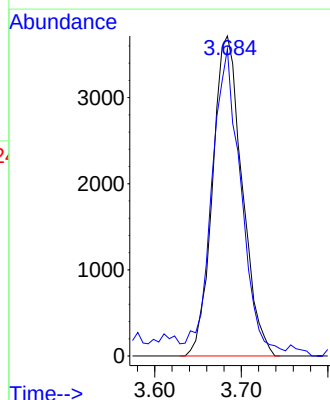
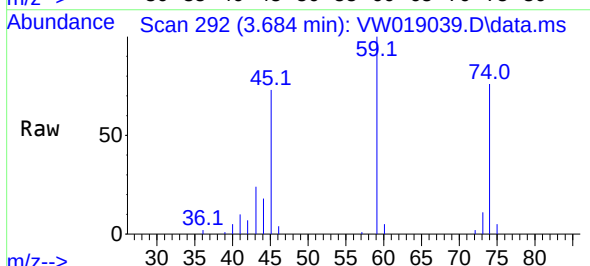
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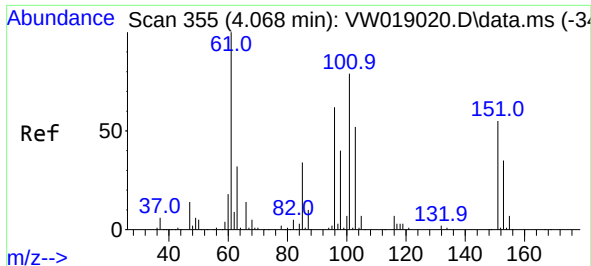
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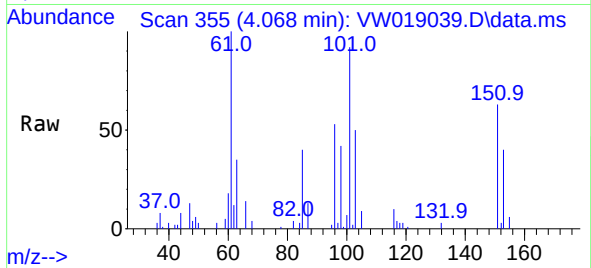
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Diethyl Ether
Concen: 4.84 ug/l
RT: 3.684 min Scan# 292
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 8795
Ion Ratio Lower Upper
74 100
45 95.9 43.3 129.8

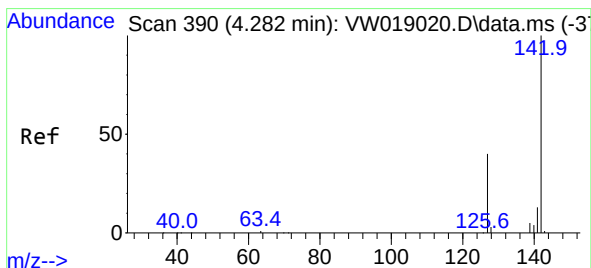
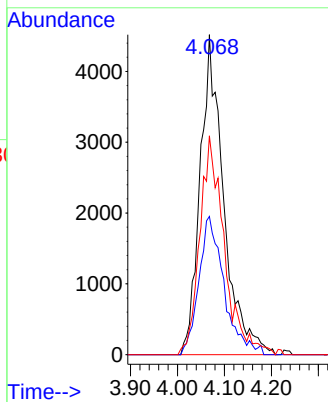
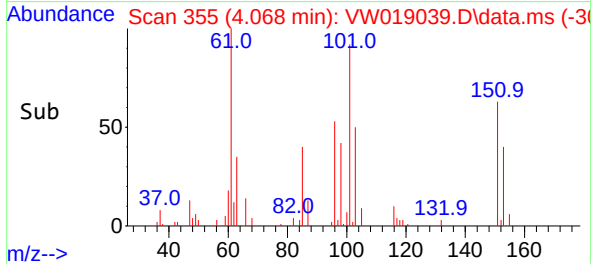




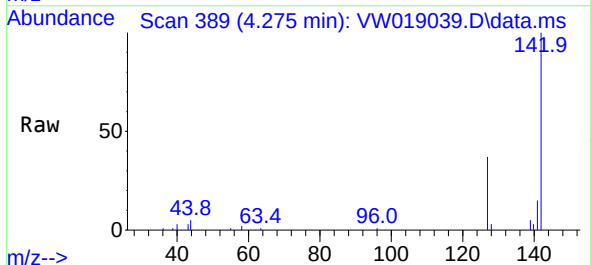
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.66 ug/l
RT: 4.068 min Scan# 355
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



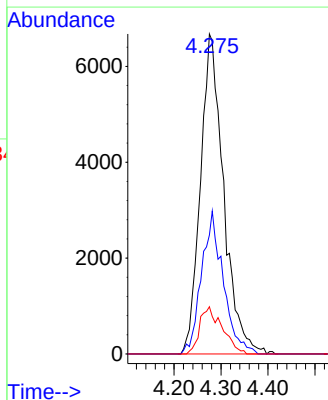
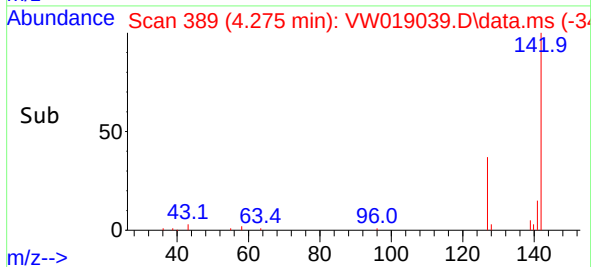
Tgt Ion:101 Resp: 15735
Ion Ratio Lower Upper
101 100
85 46.2 35.9 53.9
151 71.1 59.8 89.6



#10
Methyl Iodide
Concen: 4.61 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



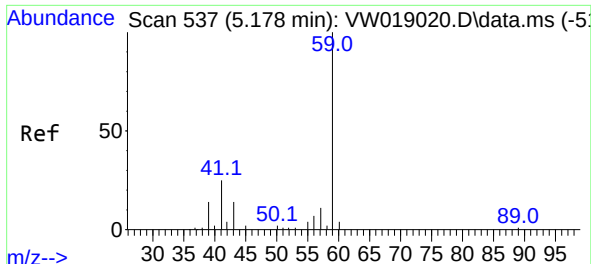
Tgt Ion:142 Resp: 22859
Ion Ratio Lower Upper
142 100
127 42.0 33.7 50.5
141 14.3 11.2 16.8



Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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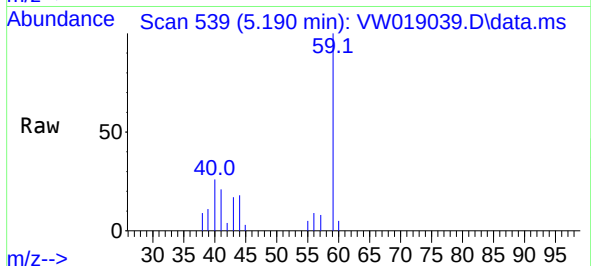
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#11

Tert butyl alcohol
Concen: 39.37 ug/l
RT: 5.190 min Scan# 539
Delta R.T. 0.012 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

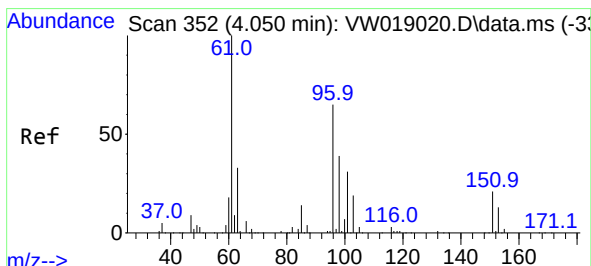
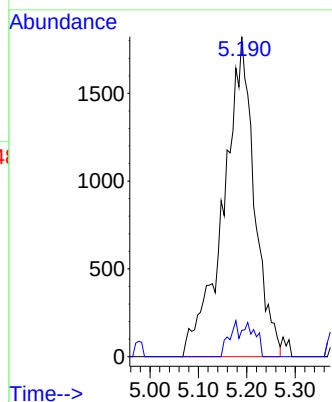
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion: 59 Resp: 8090
Ion Ratio Lower Upper
59 100
57 4.0 8.9 13.3#

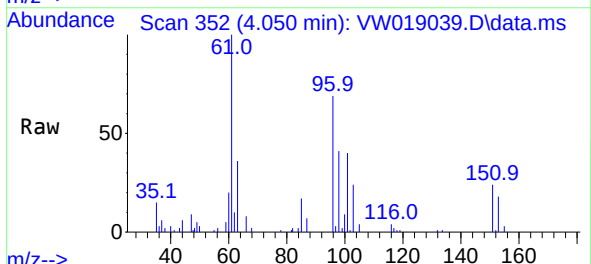
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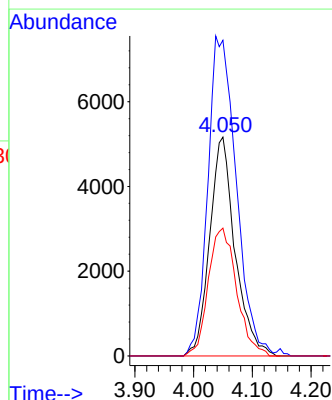
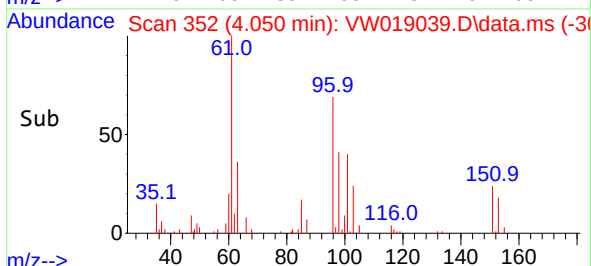


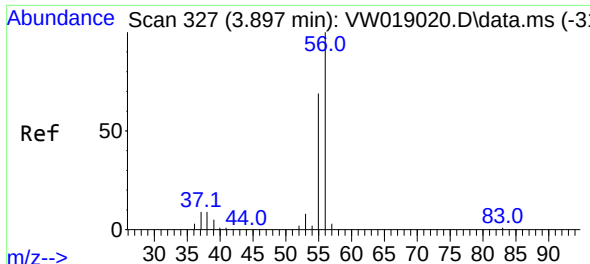
#12

1,1-Dichloroethene
Concen: 4.51 ug/l
RT: 4.050 min Scan# 352
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



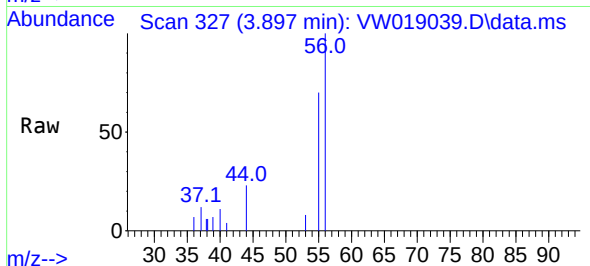
Tgt Ion: 96 Resp: 15532
Ion Ratio Lower Upper
96 100
61 144.3 123.0 184.4
98 58.4 47.5 71.3





#13
Acrolein
Concen: 21.47 ug/l
RT: 3.897 min Scan# 327
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

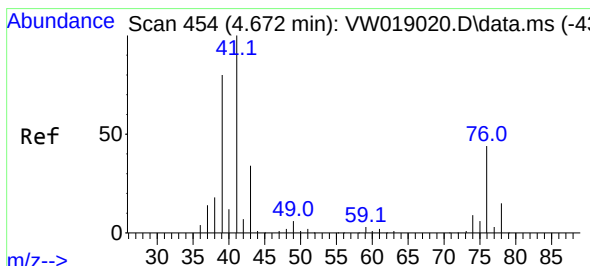
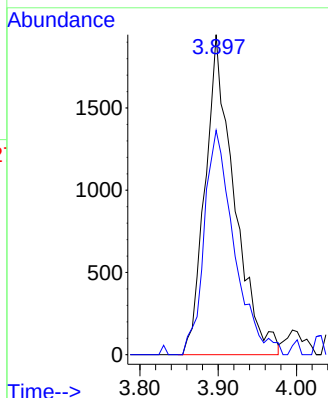
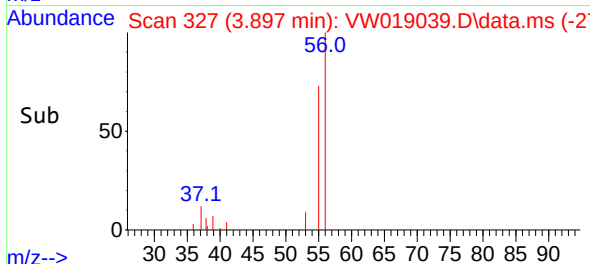
Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



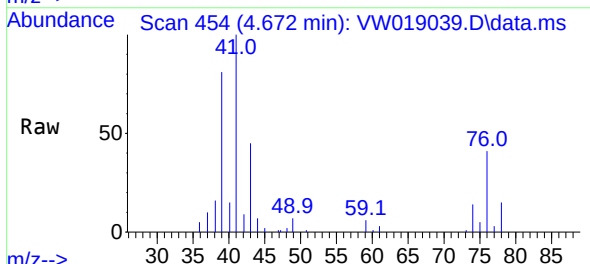
Tgt Ion: 56 Resp: 5003
Ion Ratio Lower Upper
56 100
55 72.6 56.7 85.1

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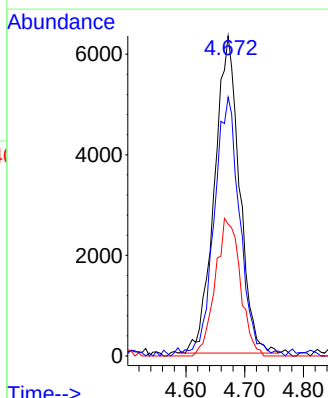
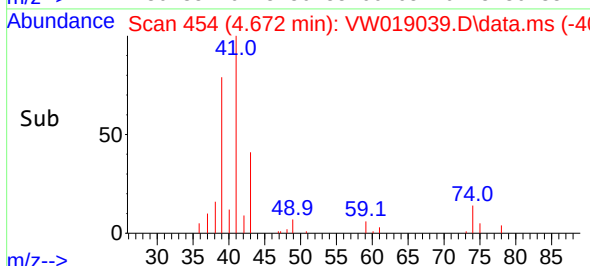
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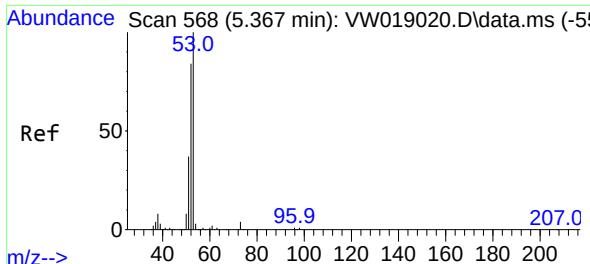


#14
Allyl chloride
Concen: 4.17 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



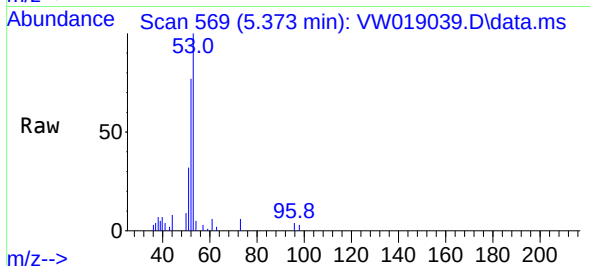
Tgt Ion: 41 Resp: 18711
Ion Ratio Lower Upper
41 100
39 80.0 63.9 95.9
76 43.2 35.1 52.7





#15
Acrylonitrile
Concen: 23.09 ug/l
RT: 5.373 min Scan# 569
Delta R.T. 0.006 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

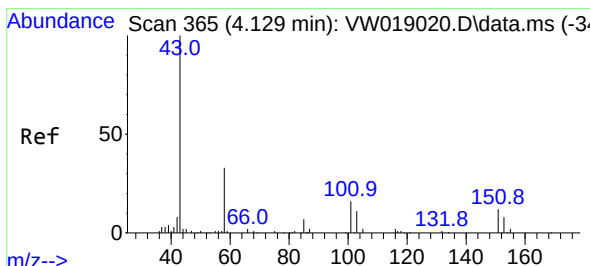
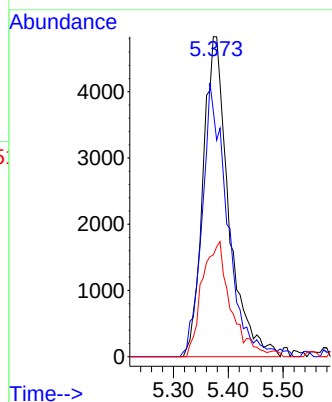
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



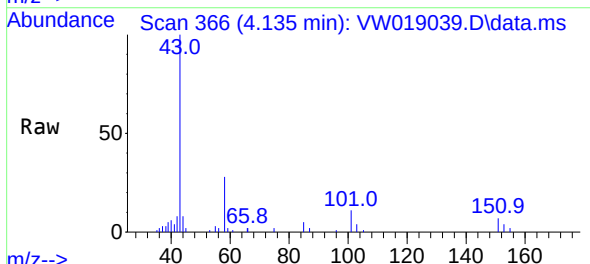
Tgt Ion:	53	Resp:	15736
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.5	99.7
51	39.6	29.8	44.8

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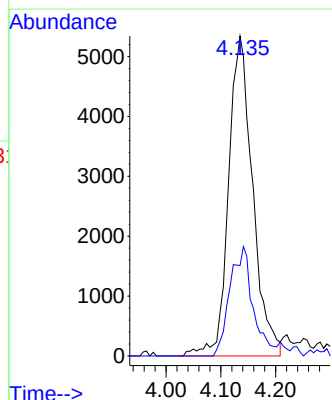
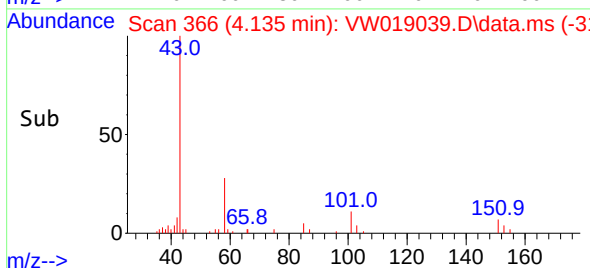
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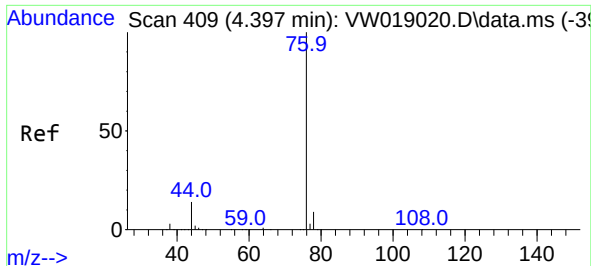


#16
Acetone
Concen: 29.48 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



Tgt Ion:	43	Resp:	16357
Ion	Ratio	Lower	Upper
43	100		
58	28.3	26.4	39.6





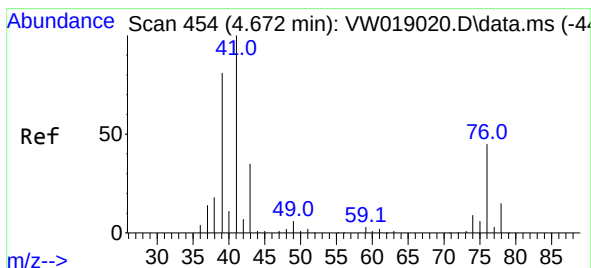
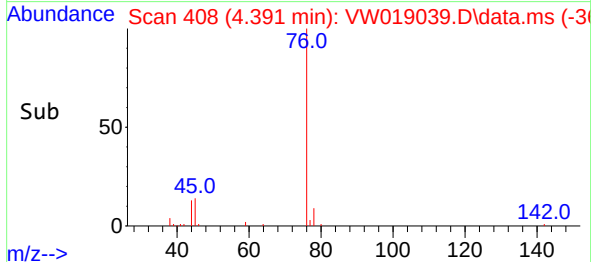
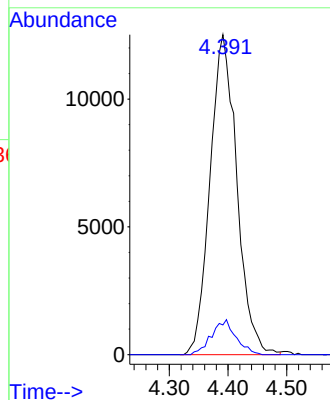
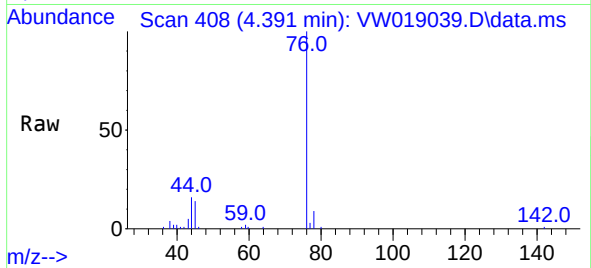
#17
Carbon Disulfide
Concen: 4.21 ug/l
RT: 4.391 min Scan# 408
Delta R.T. -0.006 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion: 76 Resp: 39676
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

Instrument :
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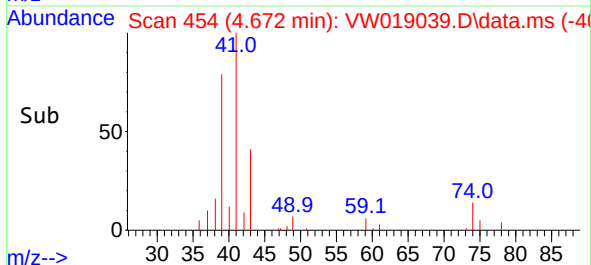
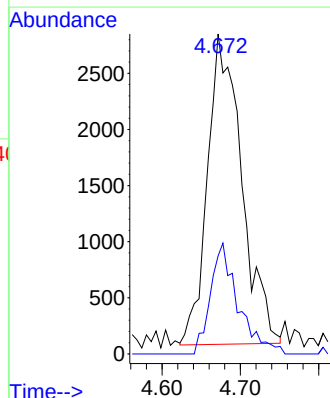
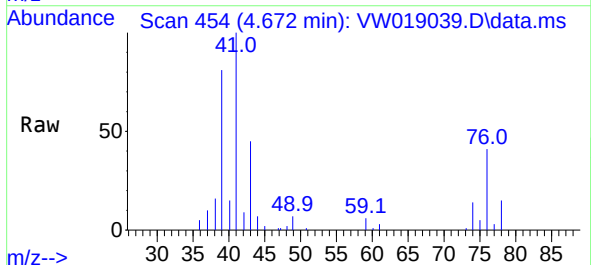
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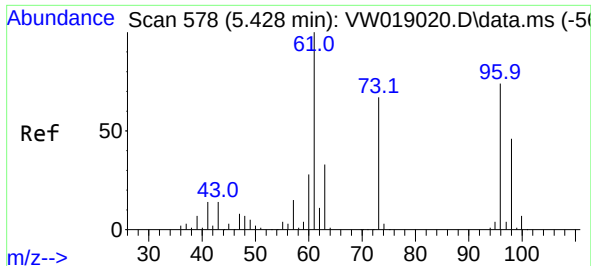
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#18
Methyl Acetate
Concen: 5.14 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion: 43 Resp: 8391
Ion Ratio Lower Upper
43 100
74 28.9 21.8 32.8





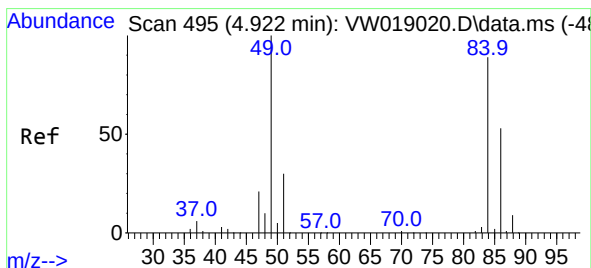
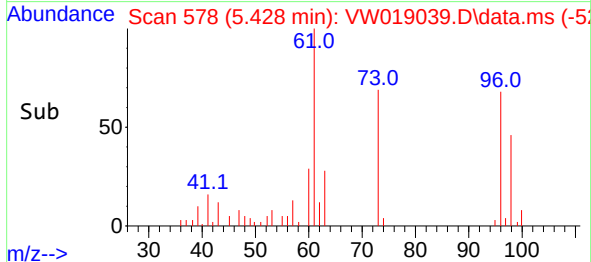
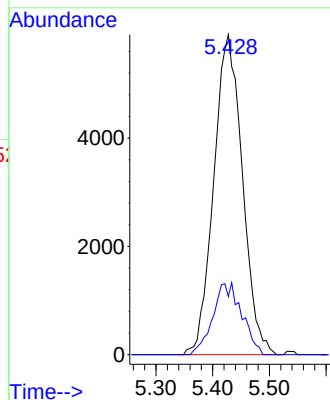
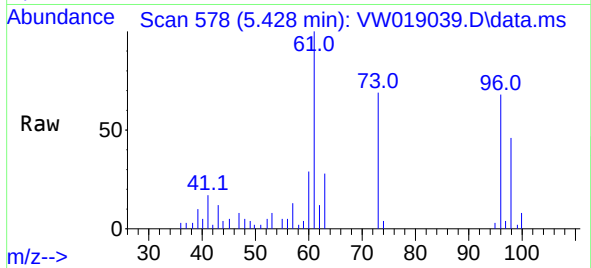
#19
Methyl tert-butyl Ether
Concen: 4.79 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion: 73 Resp: 20728
Ion Ratio Lower Upper
73 100
57 18.2 17.4 26.0

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

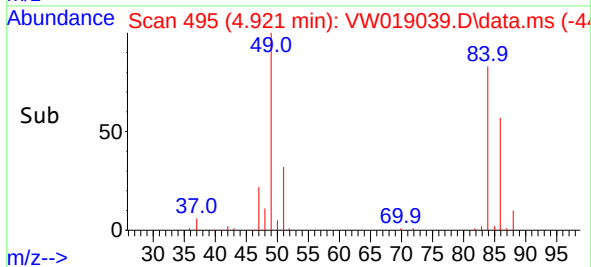
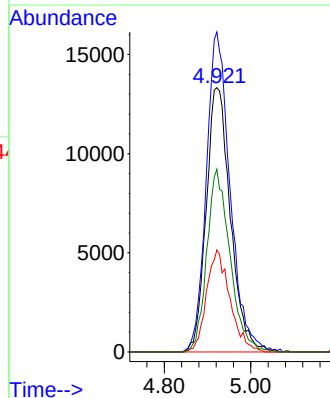
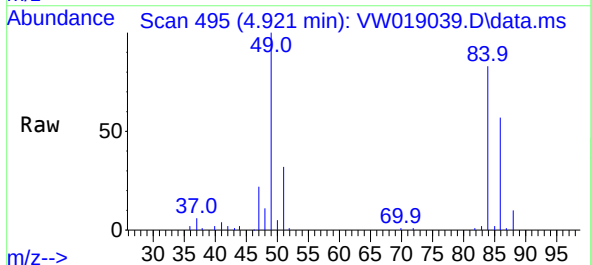
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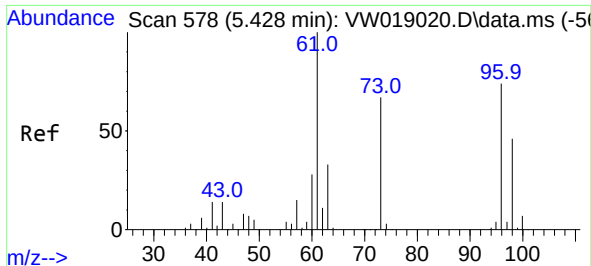
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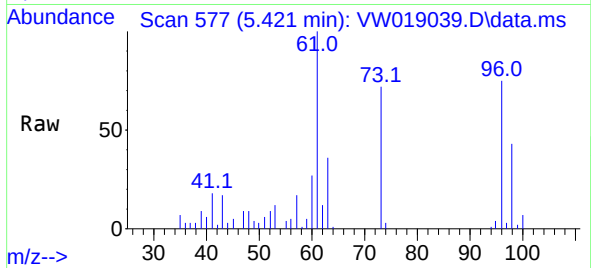
#20
Methylene Chloride
Concen: 10.43 ug/l
RT: 4.921 min Scan# 495
Delta R.T. -0.001 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion: 84 Resp: 51903
Ion Ratio Lower Upper
84 100
49 121.0 90.4 135.6
51 38.5 27.1 40.7
86 69.1 47.6 71.4



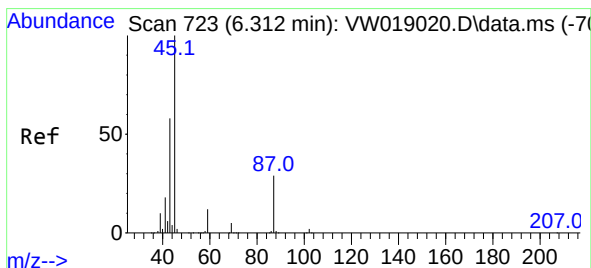
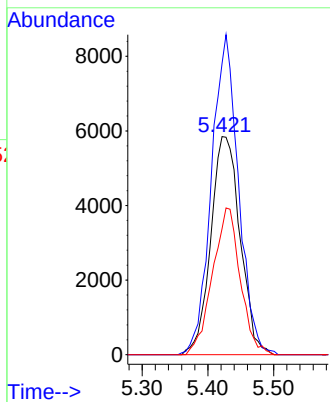
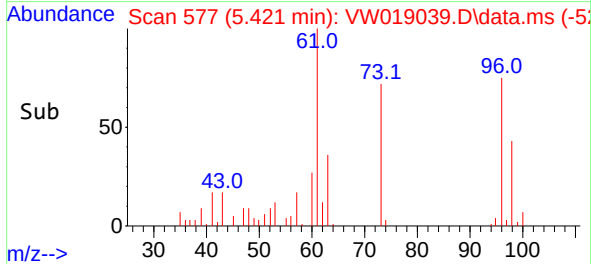


#21
trans-1,2-Dichloroethene
Concen: 4.61 ug/l
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

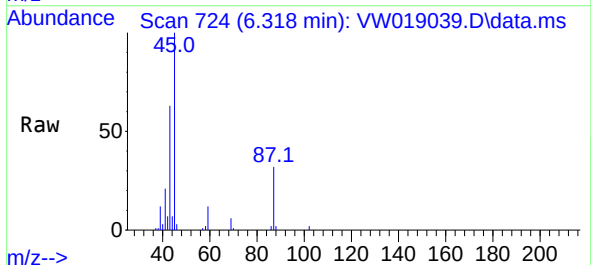


Tgt Ion: 96 Resp: 18158

Ion	Ratio	Lower	Upper
96	100		
61	133.4	108.5	162.7
98	57.7	49.4	74.0

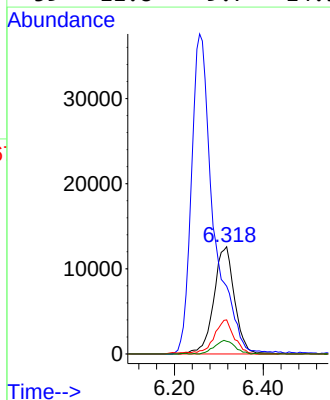
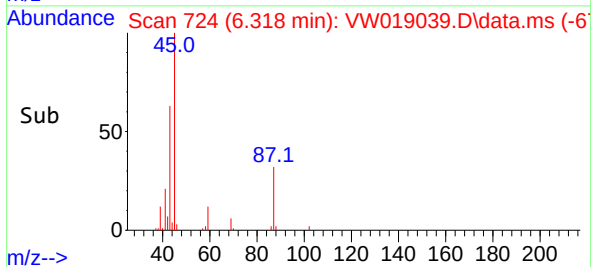


#22
Diisopropyl ether
Concen: 4.46 ug/l
RT: 6.318 min Scan# 724
Delta R.T. 0.006 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



Tgt Ion: 45 Resp: 40710

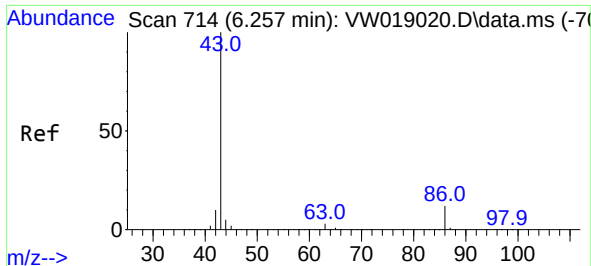
Ion	Ratio	Lower	Upper
45	100		
43	61.4	46.1	69.1
87	31.9	23.4	35.2
59	11.8	9.7	14.5



Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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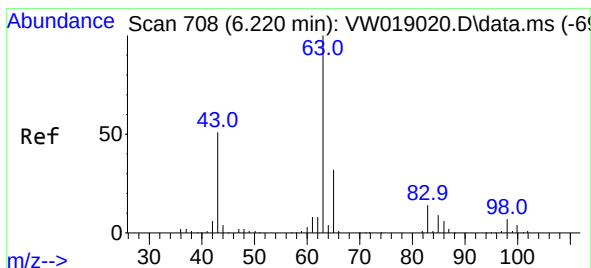
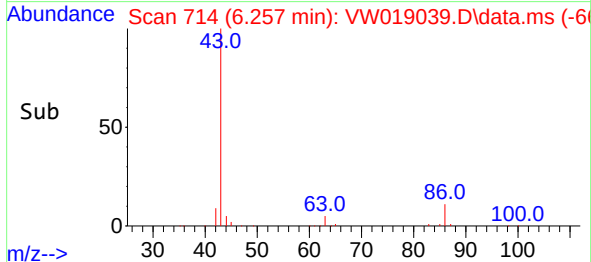
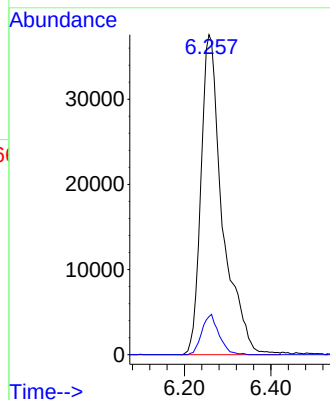
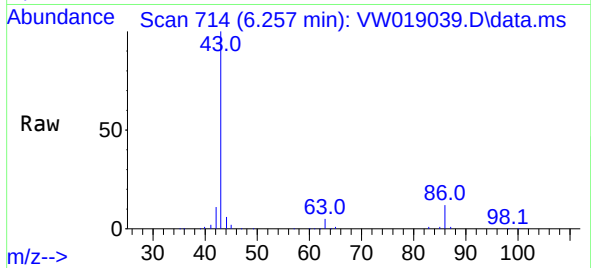
#23
 Vinyl Acetate
 Concen: 21.16 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW019039.D
 Acq: 19 May 2021 18:29

Tgt Ion: 43 Resp: 129840
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.6 14.4

Instrument :
 MSVOA_W
 ClientSampleId :
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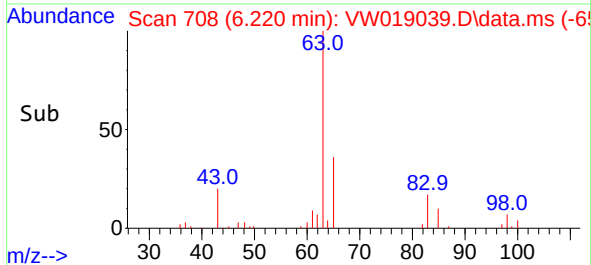
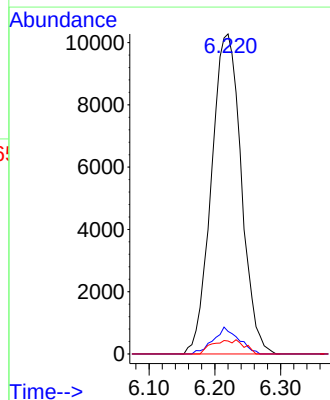
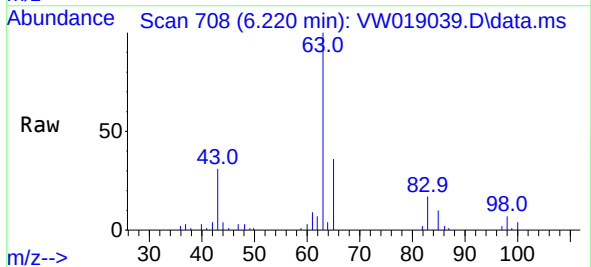
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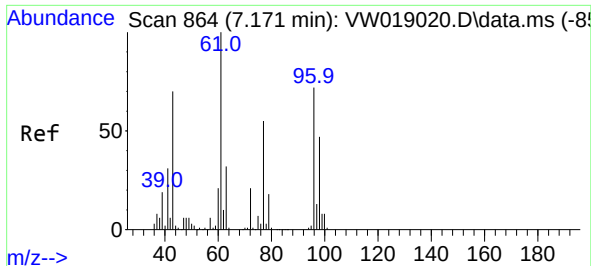
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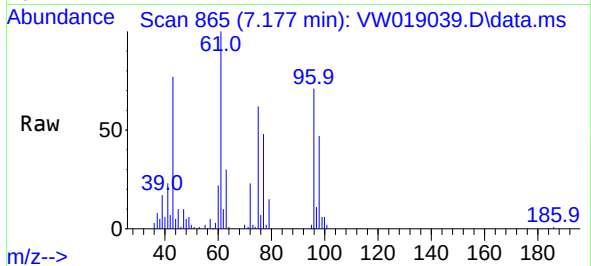
#24
 1,1-Dichloroethane
 Concen: 4.59 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. -0.000 min
 Lab File: VW019039.D
 Acq: 19 May 2021 18:29

Tgt Ion: 63 Resp: 32403
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.1 2.3 6.8

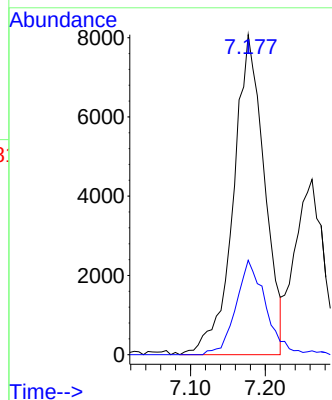




#25
2-Butanone
Concen: 25.59 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



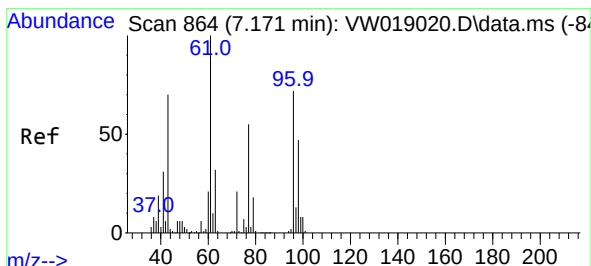
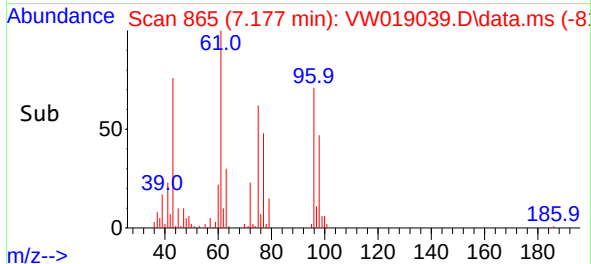
Tgt Ion: 43 Resp: 23319
Ion Ratio Lower Upper
43 100
72 29.5 24.0 36.0



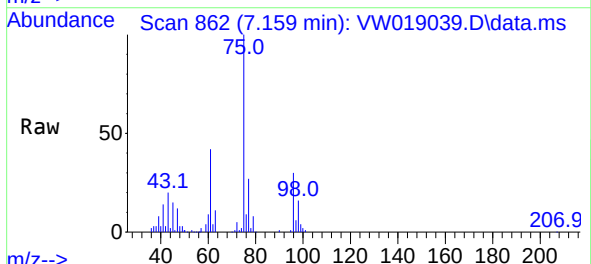
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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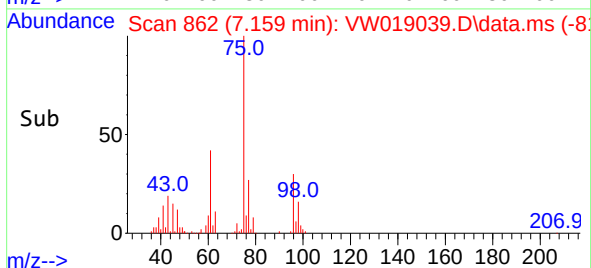
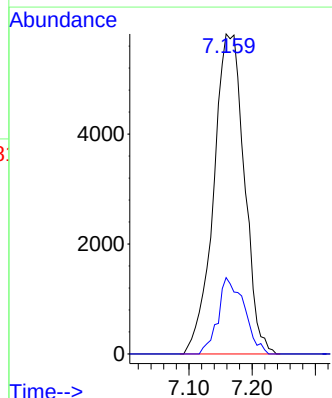
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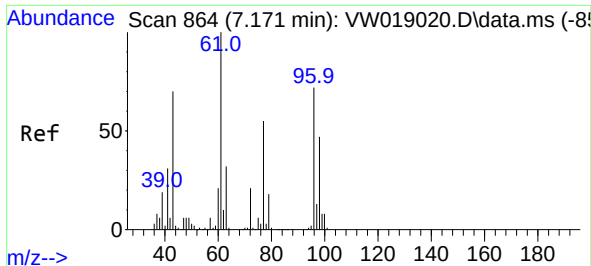


#26
2,2-Dichloropropane
Concen: 5.15 ug/l
RT: 7.159 min Scan# 862
Delta R.T. -0.012 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

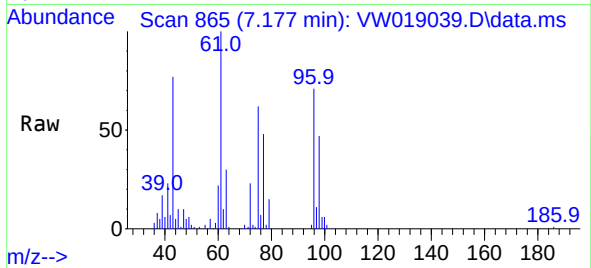


Tgt Ion: 77 Resp: 19596
Ion Ratio Lower Upper
77 100
97 20.3 11.8 35.3



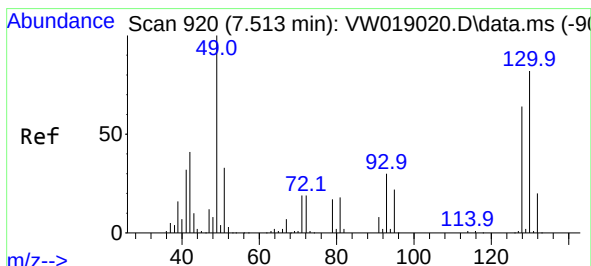
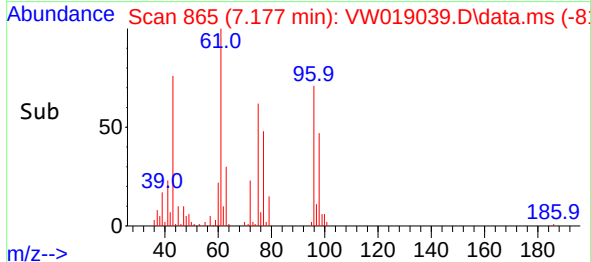
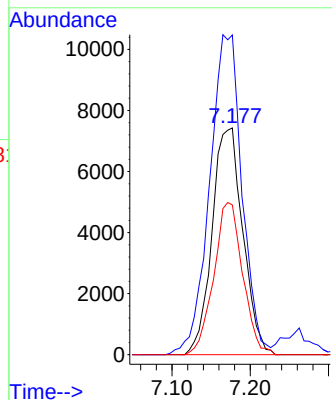


#27
cis-1,2-Dichloroethene
Concen: 4.64 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

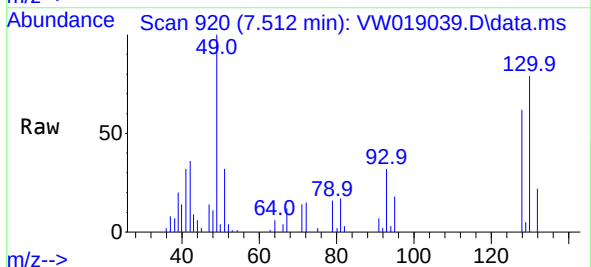


Tgt Ion: 96 Resp: 20266

Ion	Ratio	Lower	Upper
96	100		
61	148.5	0.0	281.2
98	63.1	0.0	127.4

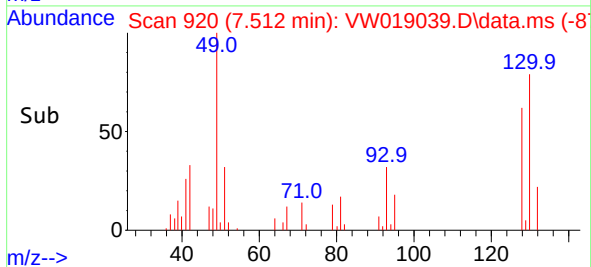
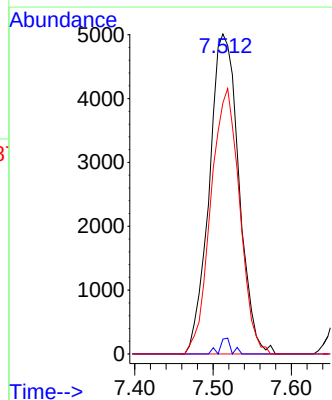


#28
Bromochloromethane
Concen: 4.58 ug/l
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



Tgt Ion: 49 Resp: 13152

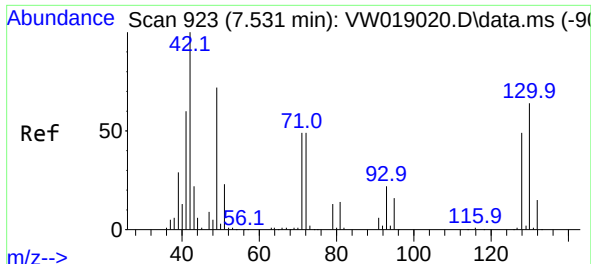
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.4
130	80.7	63.0	94.4



Instrument :
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ClientSampleId :
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#29

Tetrahydrofuran

Concen: 24.34 ug/l

RT: 7.537 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW019039.D

Acq: 19 May 2021 18:29

Tgt Ion:	42	Resp:	12975
Ion	Ratio	Lower	Upper
42	100		
72	49.4	40.1	60.1
71	47.7	38.3	57.5

Instrument :

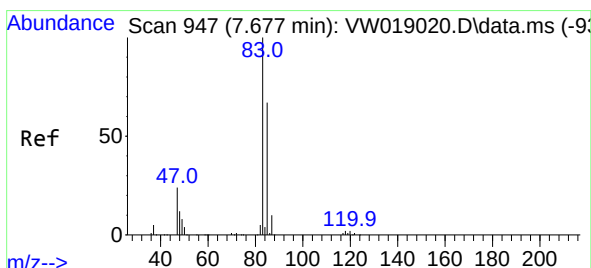
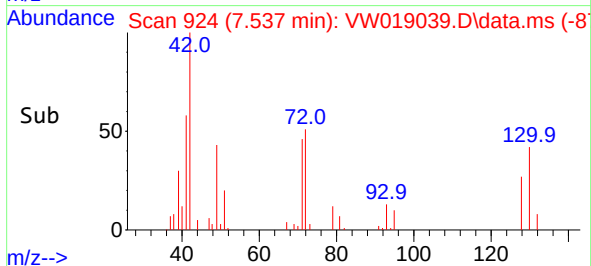
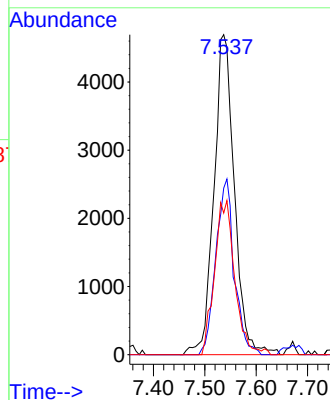
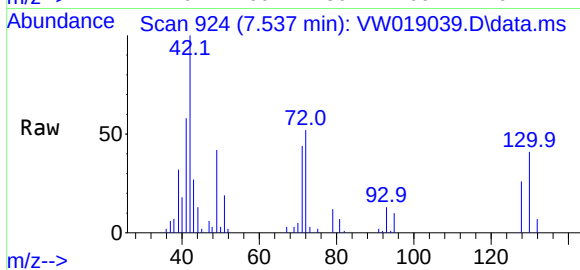
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#30

Chloroform

Concen: 4.63 ug/l

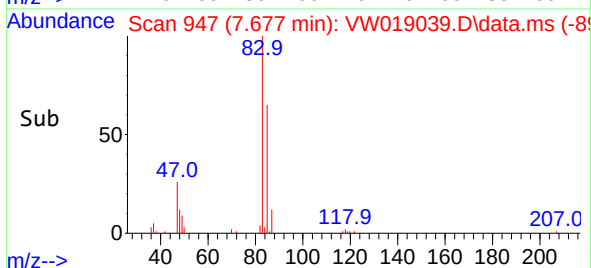
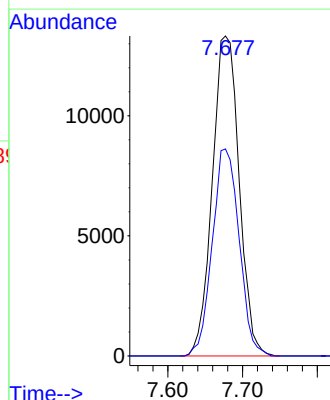
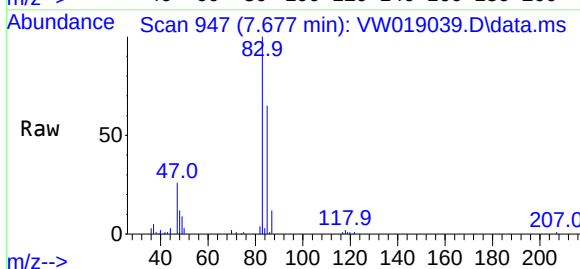
RT: 7.677 min Scan# 947

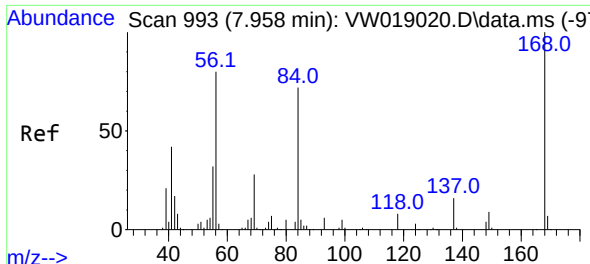
Delta R.T. -0.000 min

Lab File: VW019039.D

Acq: 19 May 2021 18:29

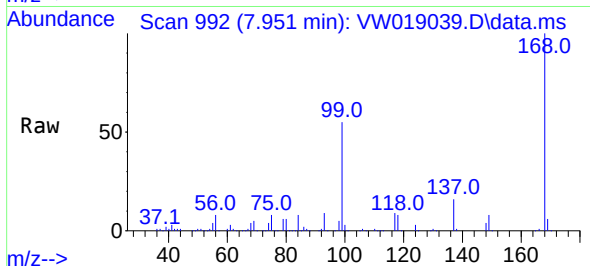
Tgt Ion:	83	Resp:	33265
Ion	Ratio	Lower	Upper
83	100		
85	64.7	53.4	80.0





#31
Cyclohexane
Concen: 5.36 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

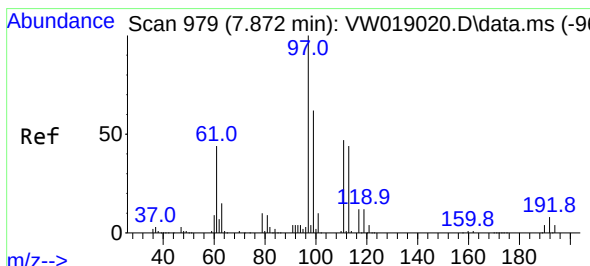
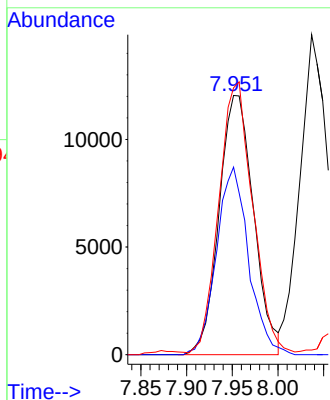
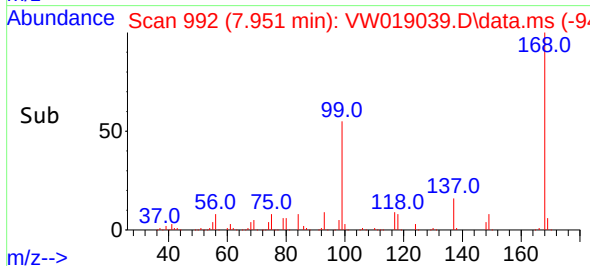
Instrument :
MSVOA_W
ClientSampleId :
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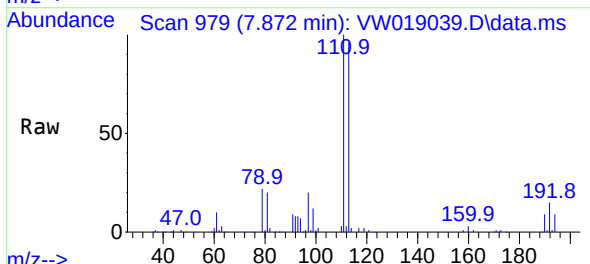
Tgt Ion: 56 Resp: 31668
Ion Ratio Lower Upper
56 100
69 72.3 28.4 42.6#
84 101.9 72.3 108.5

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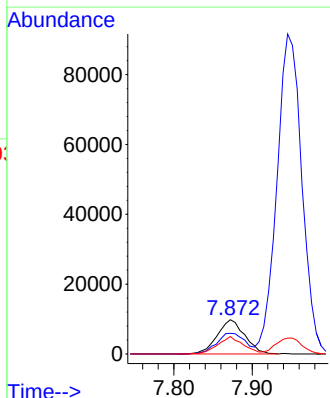
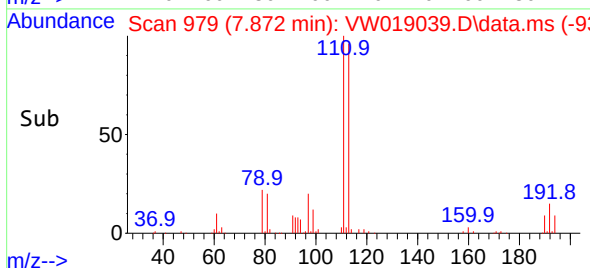
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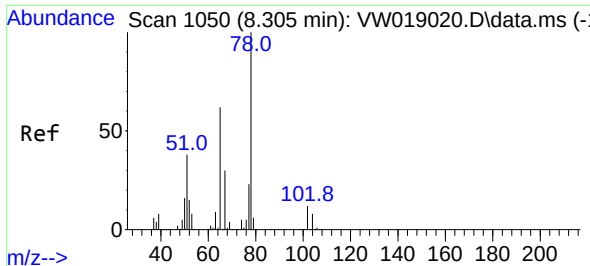


#32
1,1,1-Trichloroethane
Concen: 4.48 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



Tgt Ion: 97 Resp: 23888
Ion Ratio Lower Upper
97 100
99 63.6 52.2 78.4
61 46.9 36.7 55.1





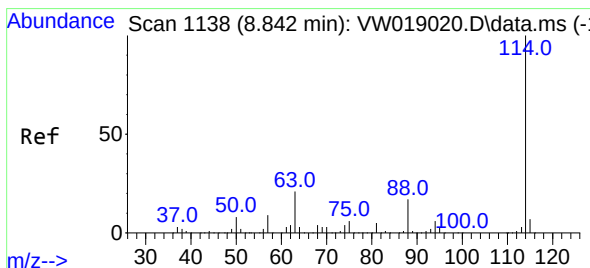
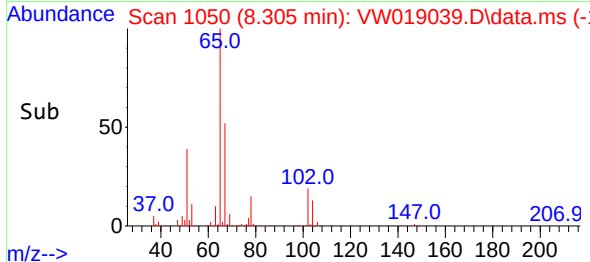
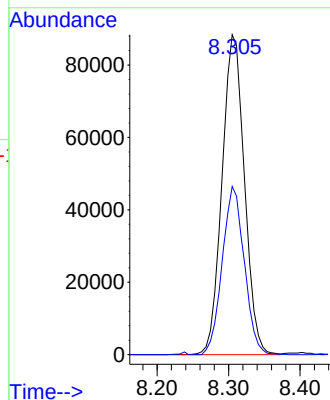
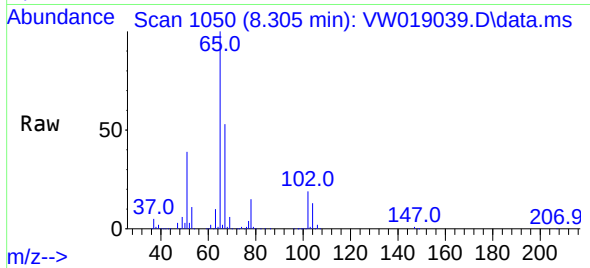
#33
1,2-Dichloroethane-d4
Concen: 54.49 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion: 65 Resp: 192291
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0

Instrument :
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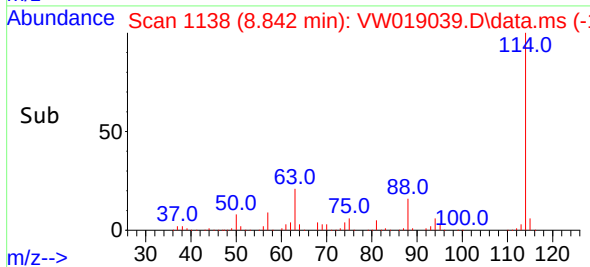
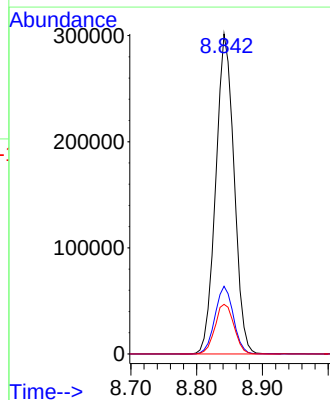
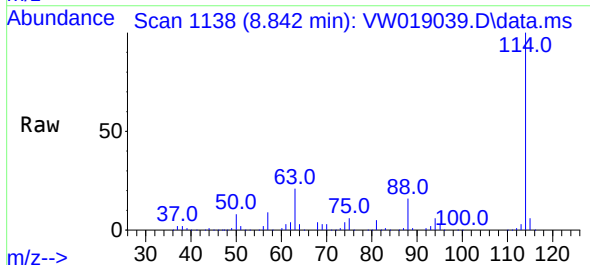
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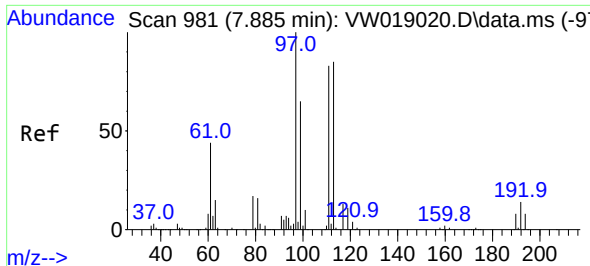
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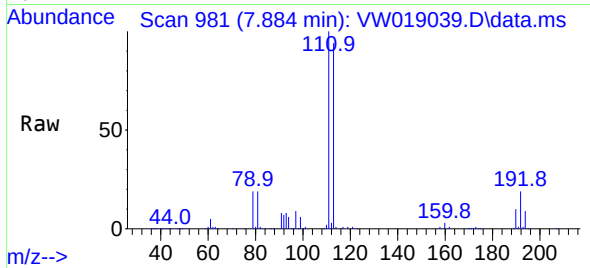
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion: 114 Resp: 583902
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.4
88 15.5 0.0 33.2

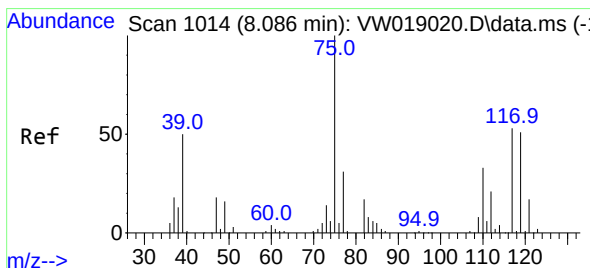
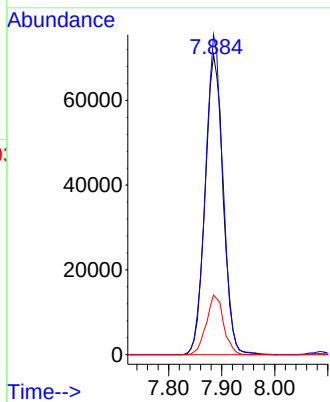
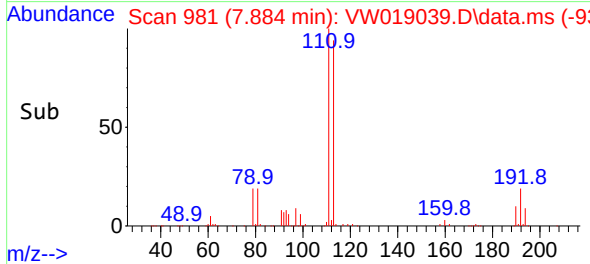




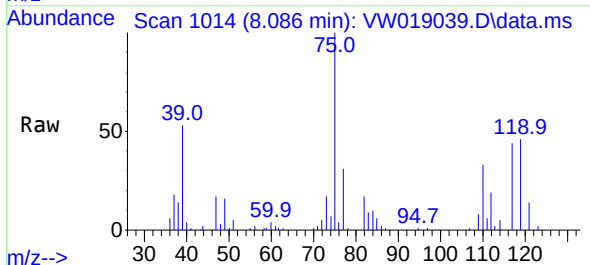
#35
Dibromofluoromethane
Concen: 51.28 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.001 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



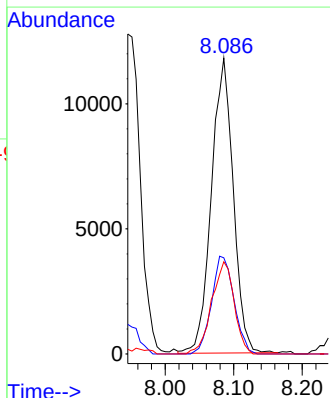
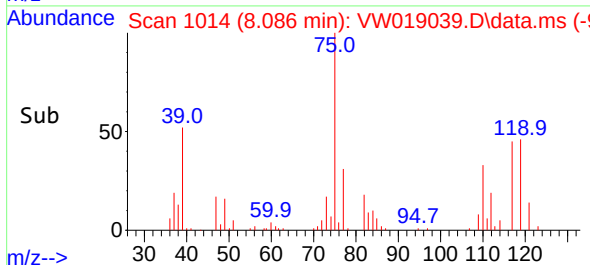
Tgt Ion: 113 Resp: 166707
Ion Ratio Lower Upper
113 100
111 103.2 82.3 123.5
192 19.1 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.48 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



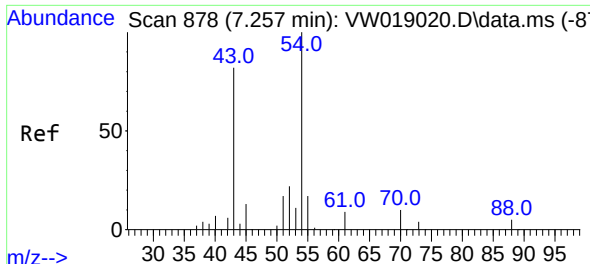
Tgt Ion: 75 Resp: 26070
Ion Ratio Lower Upper
75 100
110 34.0 17.1 51.2
77 32.0 25.3 37.9



Instrument :
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ClientSampleId :
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#37

Ethyl Acetate

Concen: 5.56 ug/l

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: VW019039.D

Acq: 19 May 2021 18:29

Tgt Ion:	43	Resp:	12518
Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.2	18.4
70	10.9	9.5	14.3

Instrument :

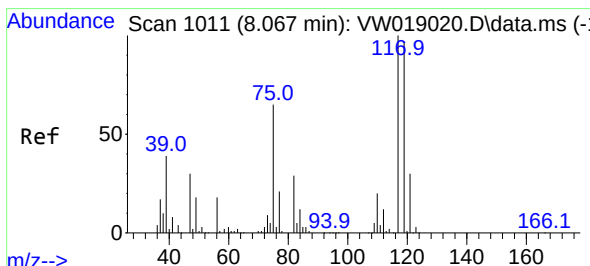
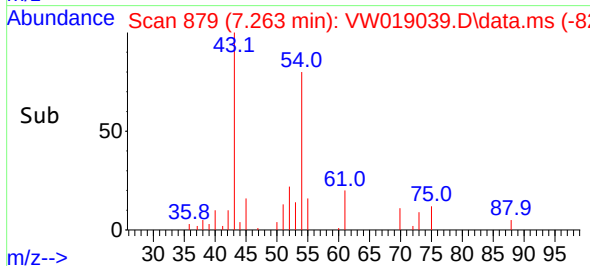
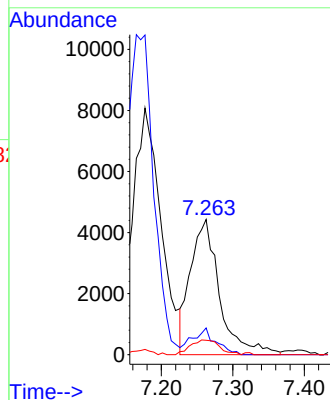
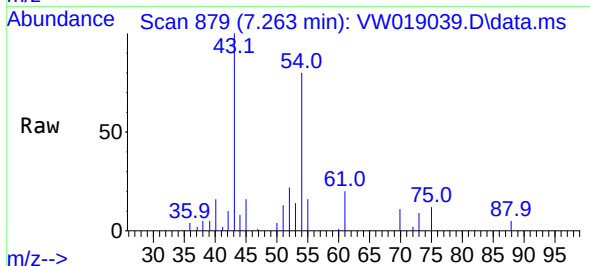
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ClientSampleId :

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#38

Carbon Tetrachloride

Concen: 4.29 ug/l

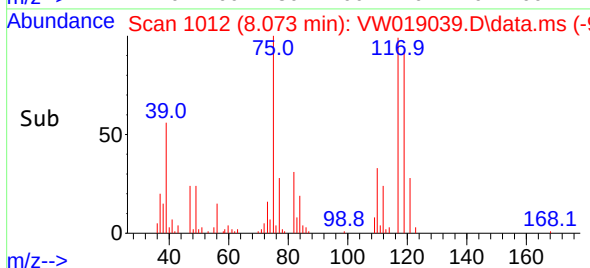
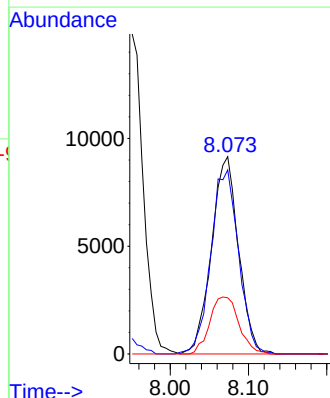
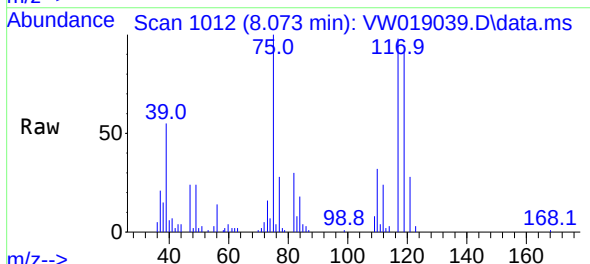
RT: 8.073 min Scan# 1012

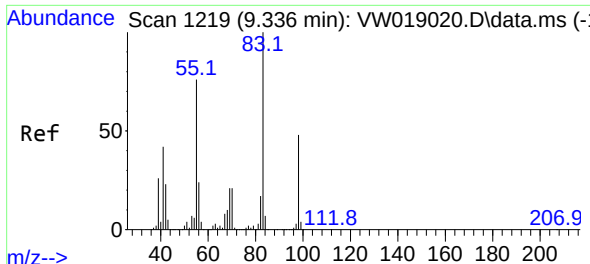
Delta R.T. 0.006 min

Lab File: VW019039.D

Acq: 19 May 2021 18:29

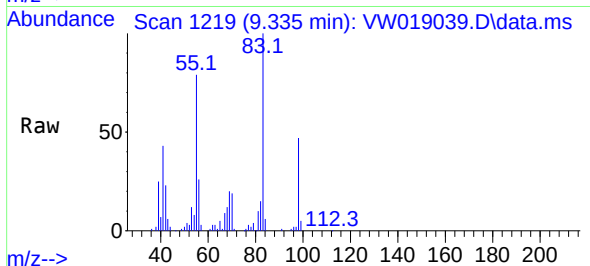
Tgt Ion:	117	Resp:	21957
Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.4	116.0
121	28.5	23.6	35.4





#39
Methylcyclohexane
Concen: 4.51 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

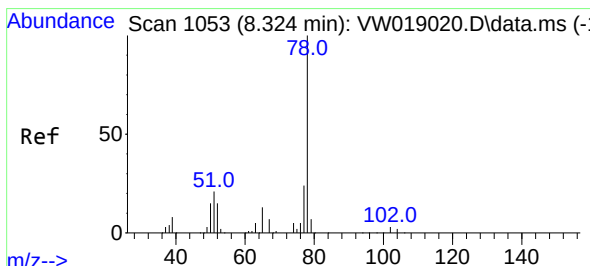
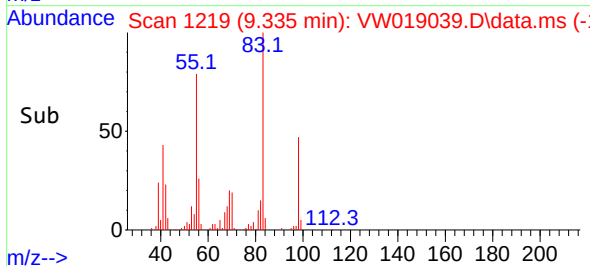
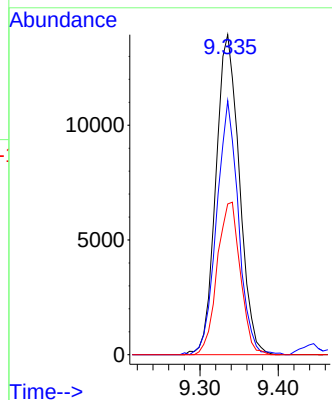
Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:	83	Resp:	29017
Ion	Ratio	Lower	Upper
83	100		
55	79.4	60.9	91.3
98	47.1	38.4	57.6

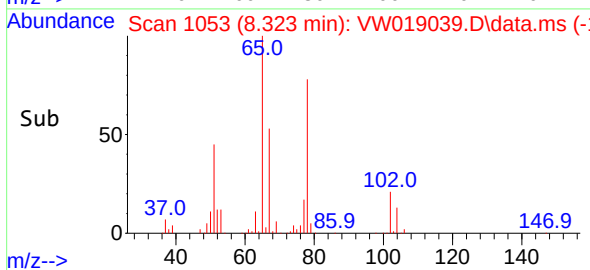
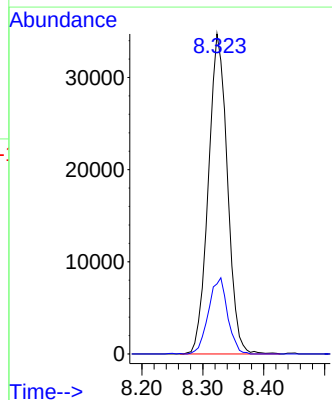
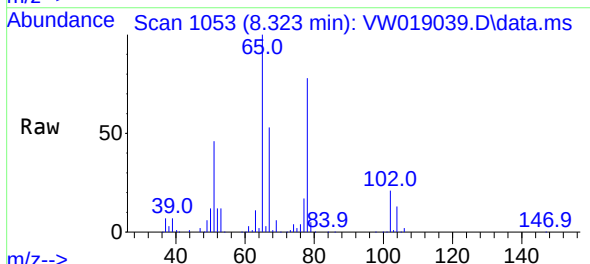
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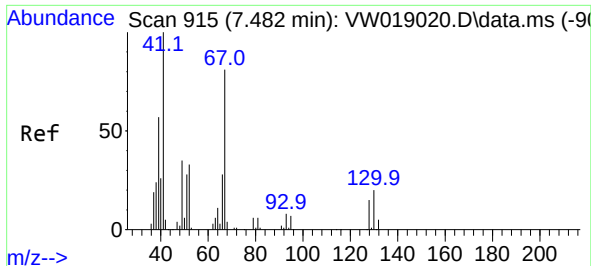
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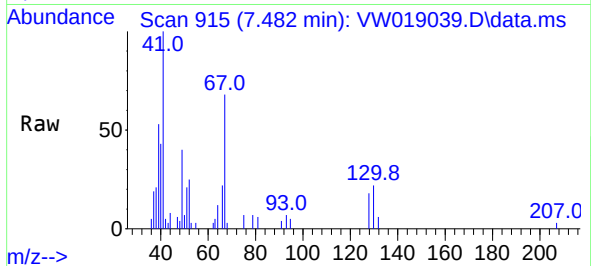
#40
Benzene
Concen: 4.64 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion:	78	Resp:	75420
Ion	Ratio	Lower	Upper
78	100		
77	21.9	19.6	29.4

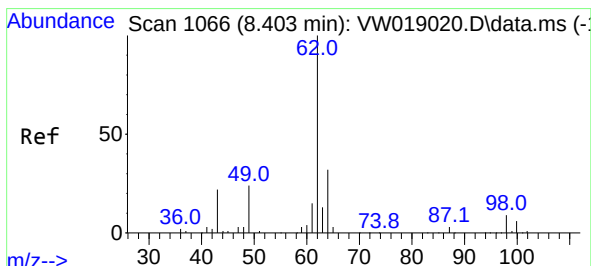
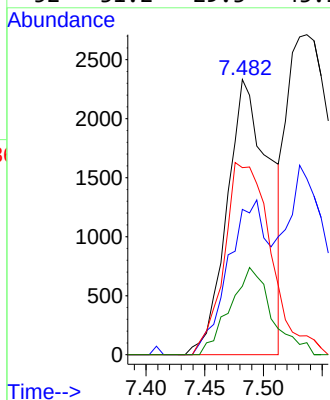
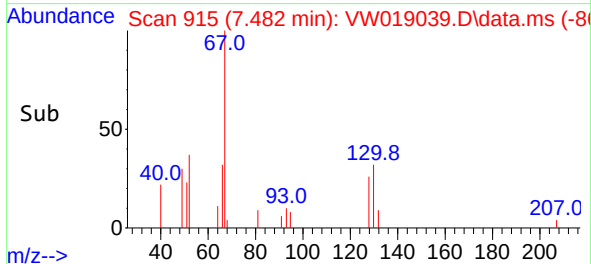




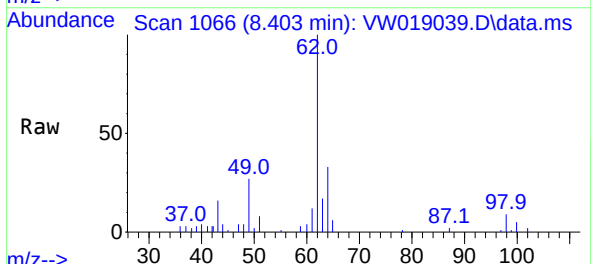
#41
Methacrylonitrile
Concen: 4.79 ug/l
RT: 7.482 min Scan# 915
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



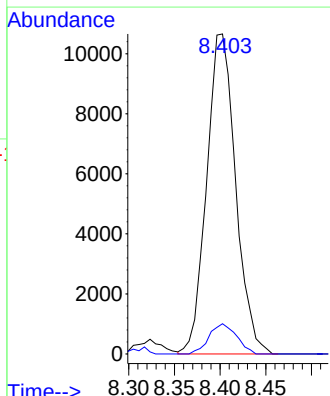
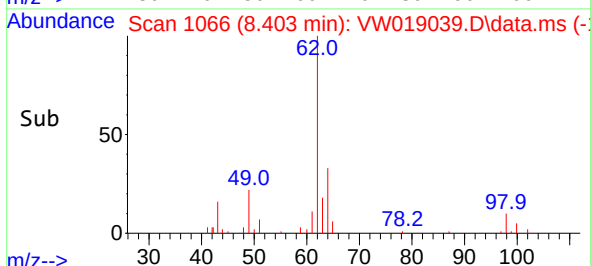
Tgt Ion:	41	Resp:	5879
Ion	Ratio	Lower	Upper
41	100		
39	52.3	50.1	75.1
67	76.7	69.0	103.4
52	31.2	29.3	43.9



#42
1,2-Dichloroethane
Concen: 4.89 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



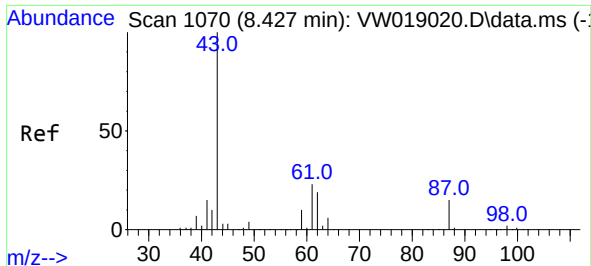
Tgt Ion:	62	Resp:	23540
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0



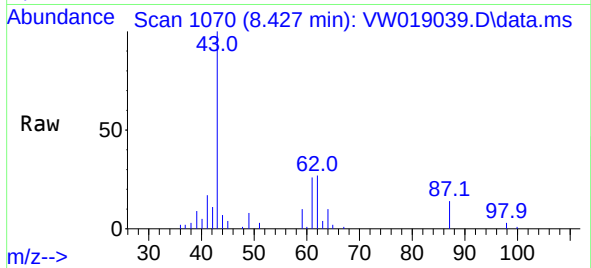
Instrument :
MSVOA_W
ClientSampleId :
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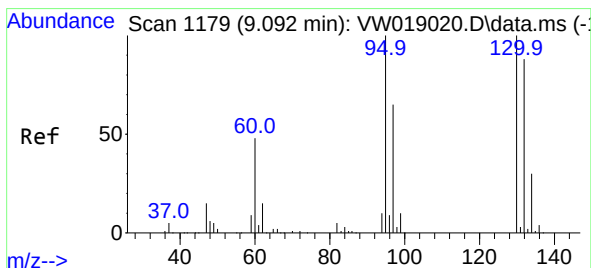
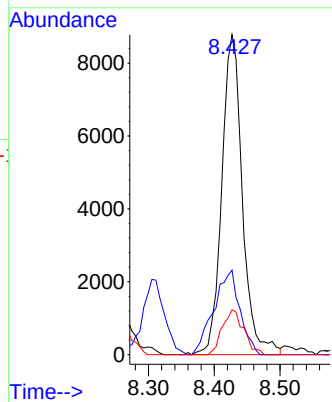
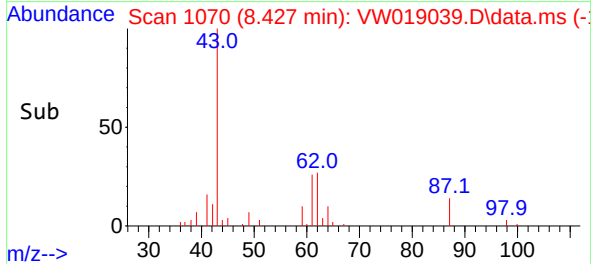
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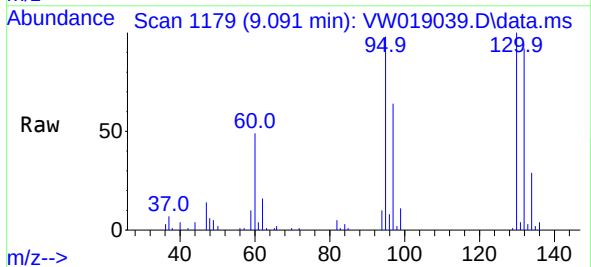
#43
Isopropyl Acetate
Concen: 4.56 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



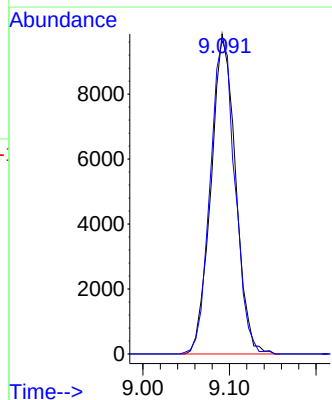
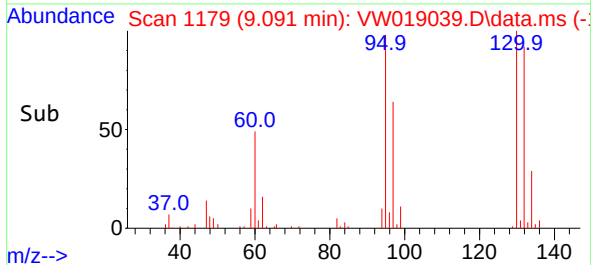
Tgt Ion: 43 Resp: 19135
Ion Ratio Lower Upper
43 100
61 33.5 27.0 40.6
87 14.6 11.6 17.4



#44
Trichloroethene
Concen: 4.62 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



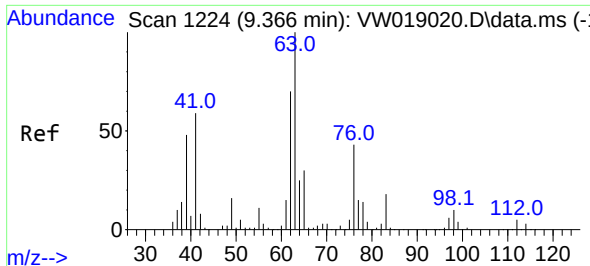
Tgt Ion: 130 Resp: 19374
Ion Ratio Lower Upper
130 100
95 97.9 0.0 199.0



Instrument :
MSVOA_W
ClientSampleId :
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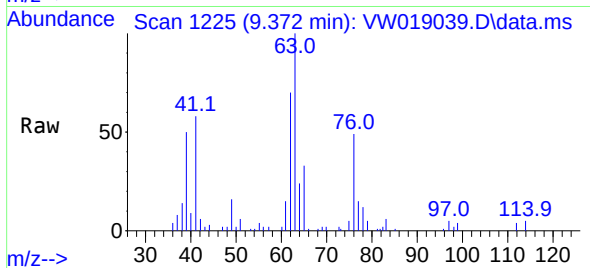
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#45
1,2-Dichloropropane
Concen: 4.54 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

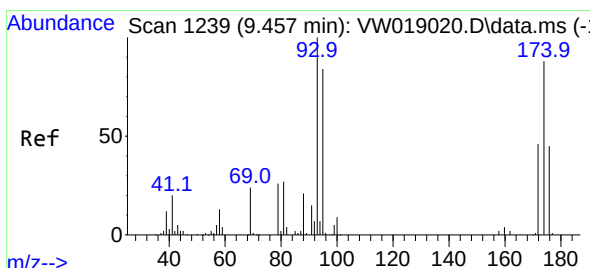
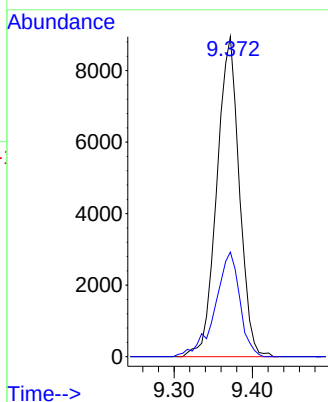
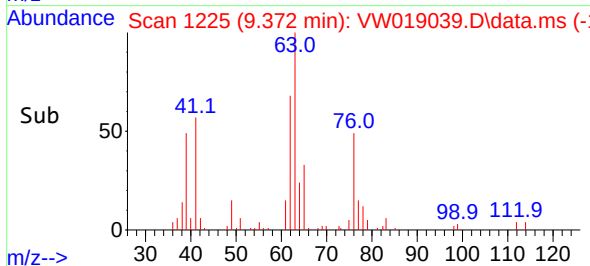
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



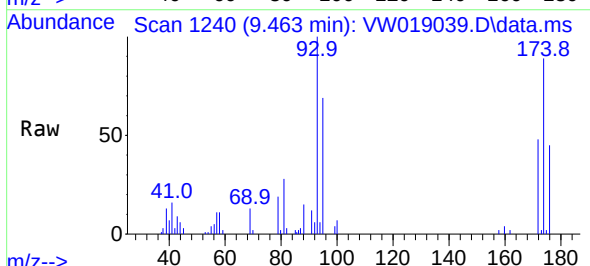
Tgt Ion: 63 Resp: 17845
Ion Ratio Lower Upper
63 100
65 32.7 24.1 36.1

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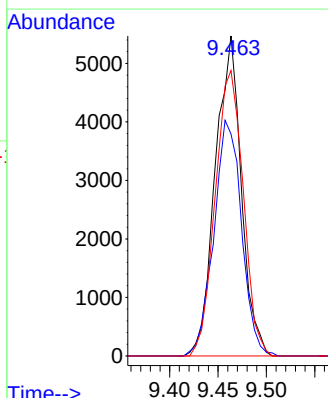
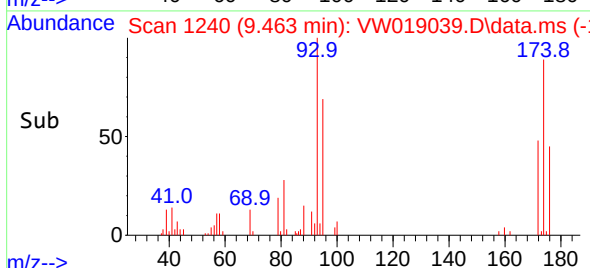
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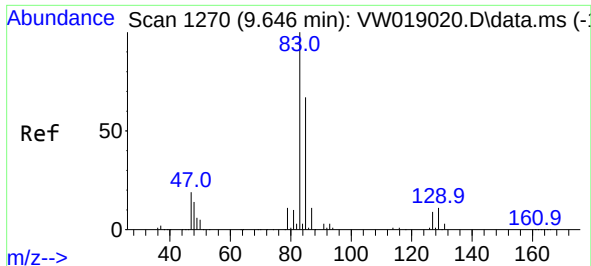


#46
Dibromomethane
Concen: 4.77 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



Tgt Ion: 93 Resp: 10191
Ion Ratio Lower Upper
93 100
95 78.6 66.7 100.1
174 96.1 75.3 112.9





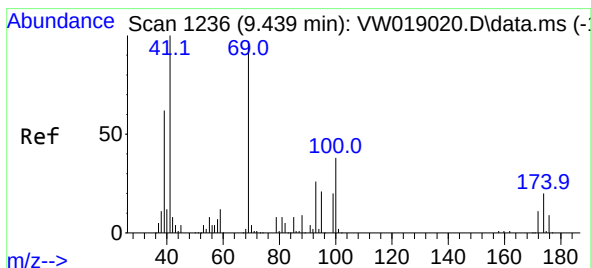
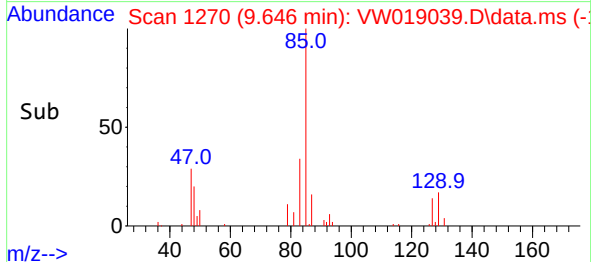
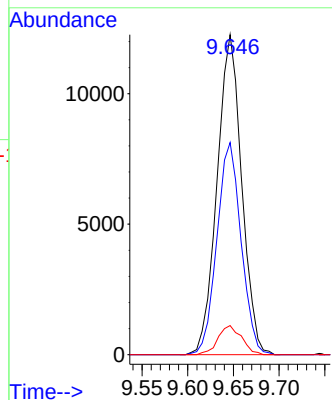
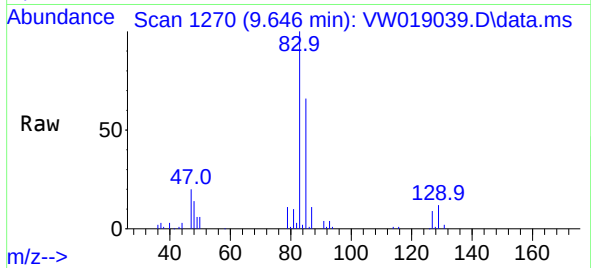
#47
Bromodichloromethane
Concen: 4.33 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion:	83	Resp:	22995
Ion	Ratio	Lower	Upper
83	100		
85	66.3	53.4	80.2
127	9.1	7.0	10.6

Instrument :
MSVOA_W
ClientSampleId :
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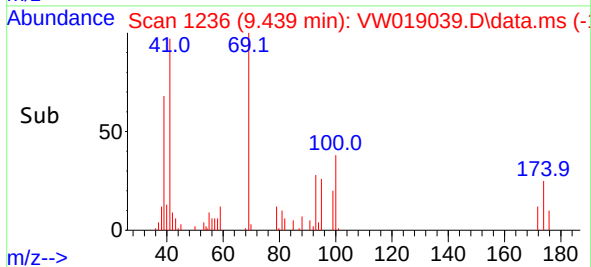
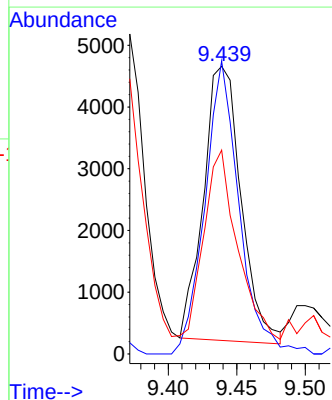
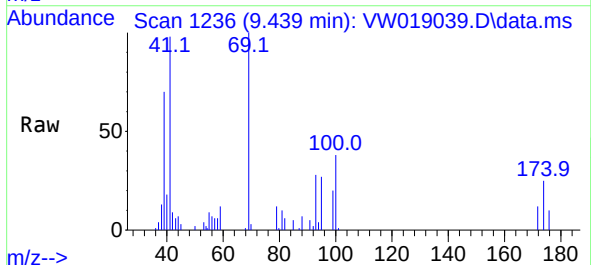
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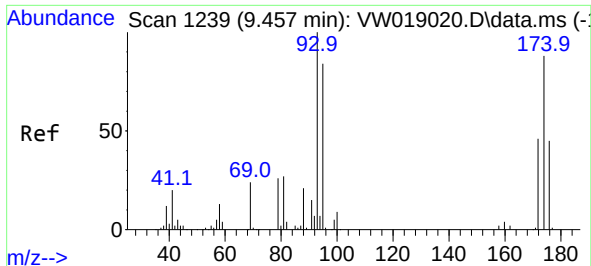
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#48
Methyl methacrylate
Concen: 4.40 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

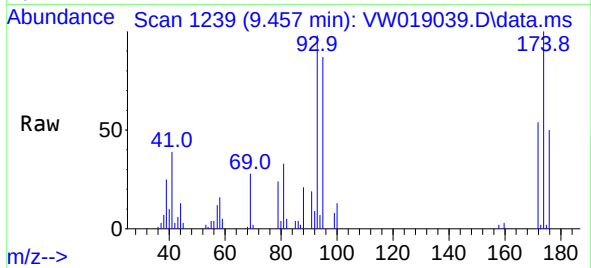
Tgt Ion:	41	Resp:	8485
Ion	Ratio	Lower	Upper
41	100		
69	97.5	80.2	120.2
39	74.6	51.5	77.3





#49
1,4-Dioxane
Concen: 95.01 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

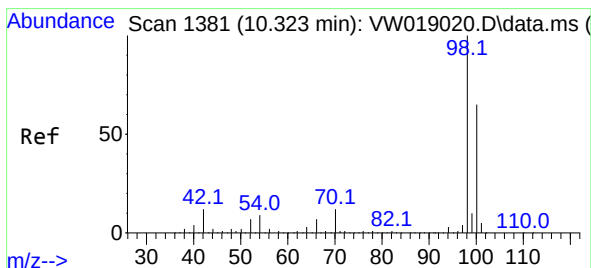
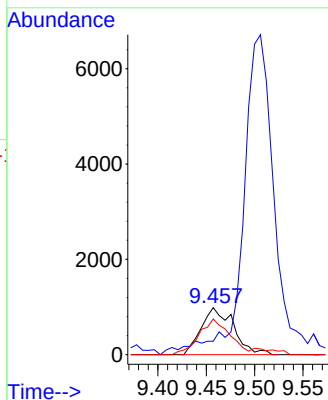
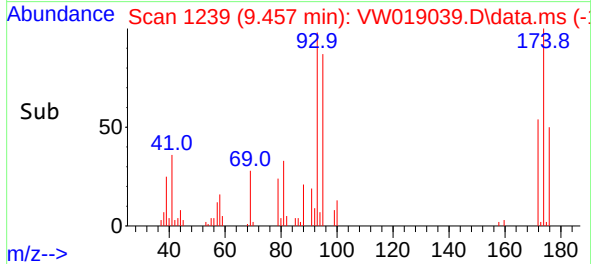
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



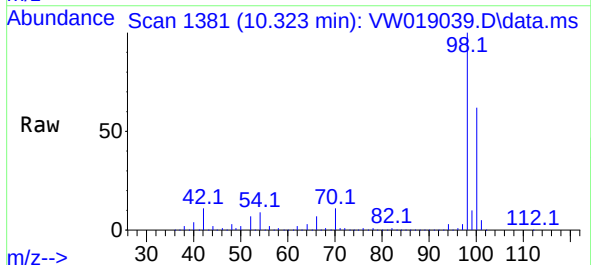
Tgt Ion: 88 Resp: 2312
Ion Ratio Lower Upper
88 100
43 0.0 22.1 33.1#
58 71.7 55.4 83.2

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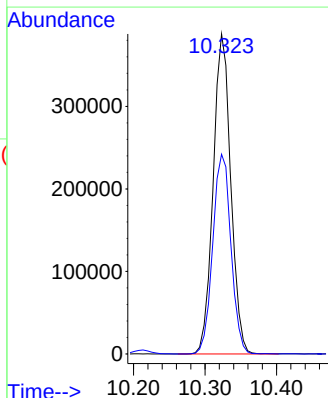
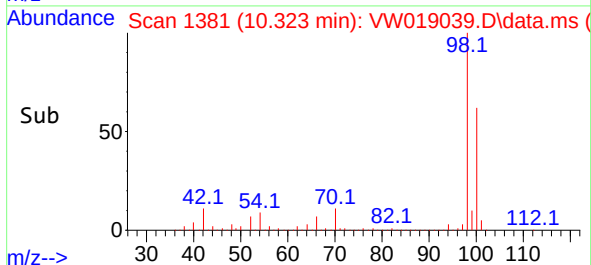
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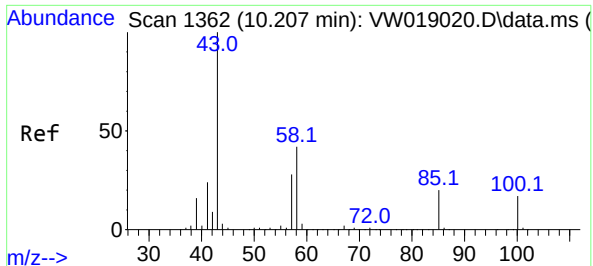


#50
Toluene-d8
Concen: 51.76 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



Tgt Ion: 98 Resp: 662364
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0





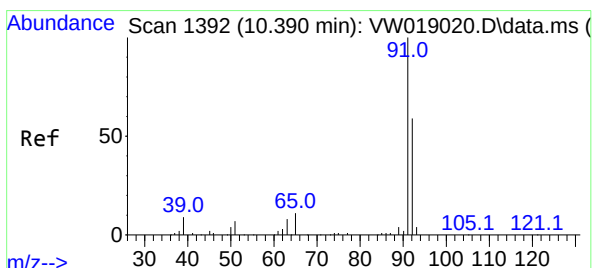
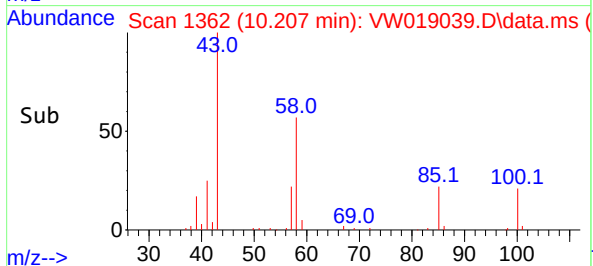
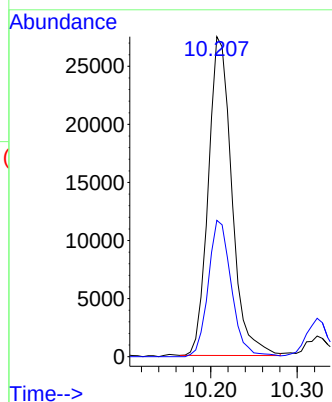
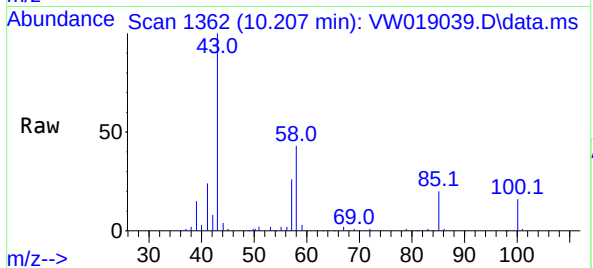
#51
4-Methyl-2-Pentanone
Concen: 23.85 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion: 43 Resp: 51837
Ion Ratio Lower Upper
43 100
58 42.0 34.2 51.4

Instrument :
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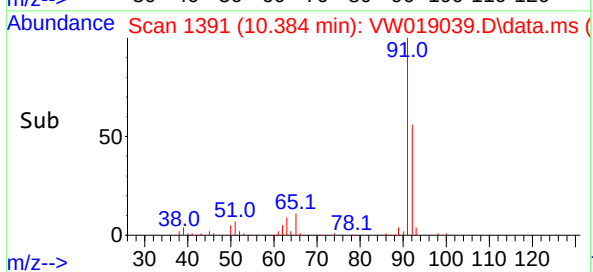
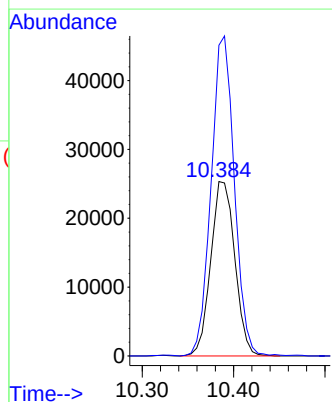
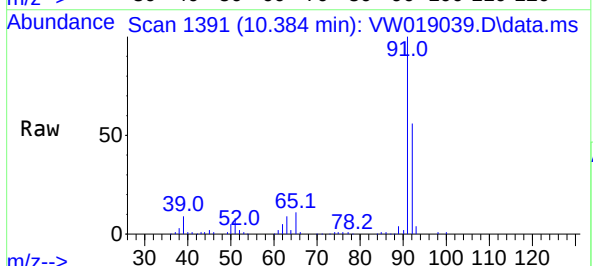
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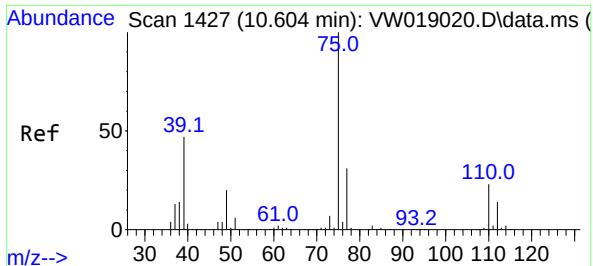
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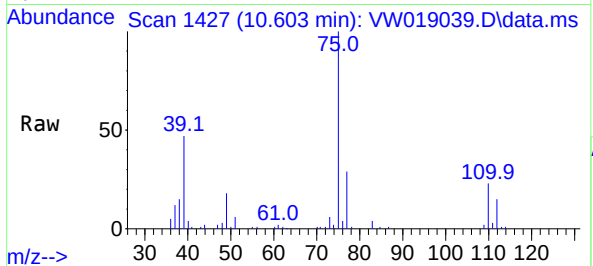
#52
Toluene
Concen: 4.49 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion: 92 Resp: 46313
Ion Ratio Lower Upper
92 100
91 177.0 137.4 206.0

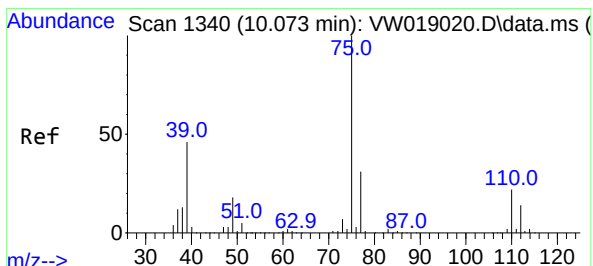
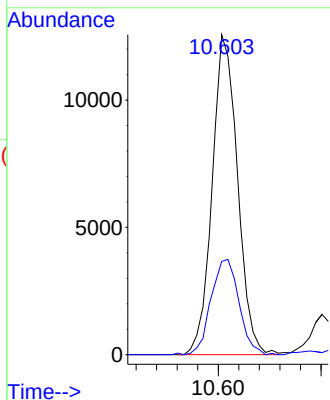
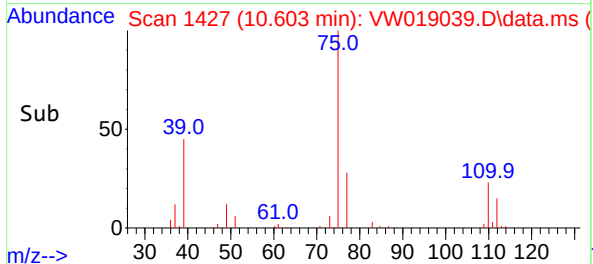




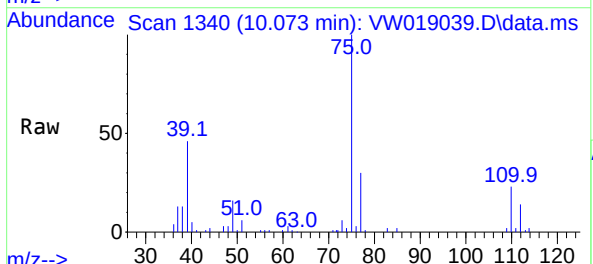
#53
t-1,3-Dichloropropene
Concen: 4.13 ug/l
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



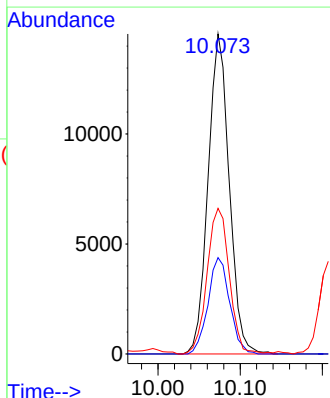
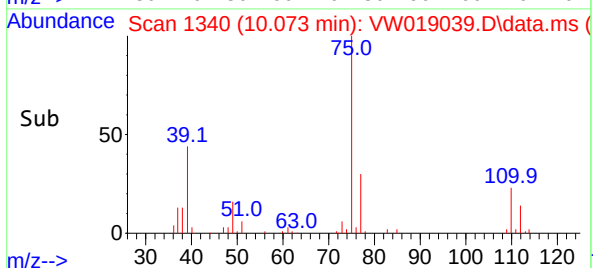
Tgt Ion: 75 Resp: 21533
Ion Ratio Lower Upper
75 100
77 29.1 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 4.18 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



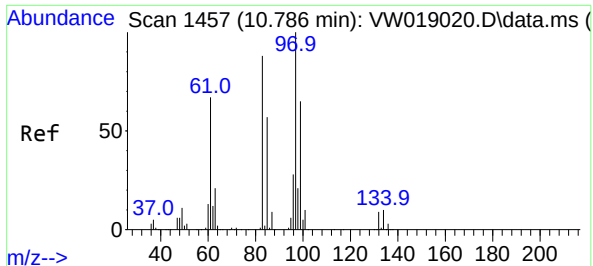
Tgt Ion: 75 Resp: 25973
Ion Ratio Lower Upper
75 100
77 30.1 25.0 37.6
39 45.5 36.9 55.3



Instrument :
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ClientSampleId :
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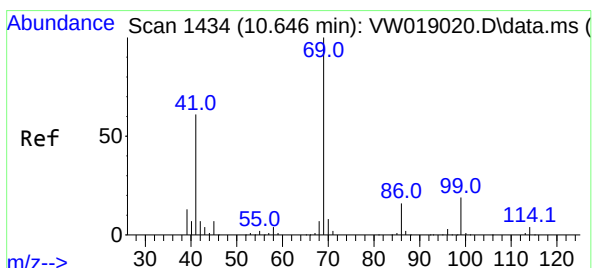
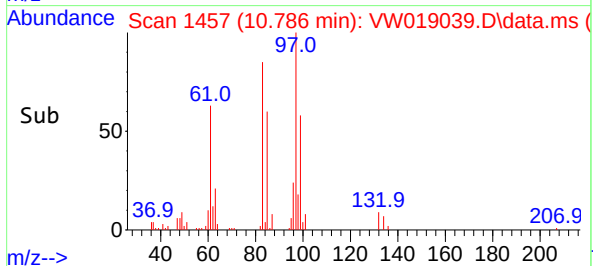
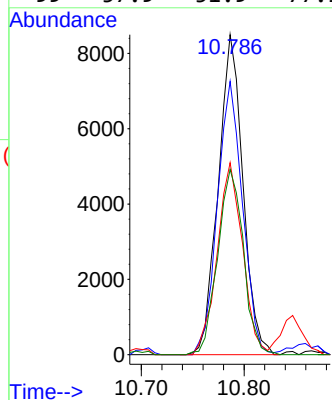
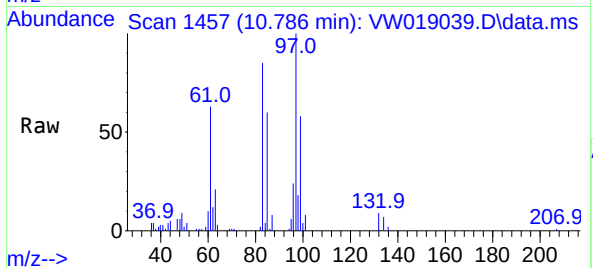
#55
1,1,2-Trichloroethane
Concen: 4.80 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion:	97	Resp:	14149
Ion	Ratio	Lower	Upper
97	100		
83	85.4	70.6	106.0
85	60.0	45.8	68.6
99	57.9	51.9	77.9

Instrument :
MSVOA_W
ClientSampleId :
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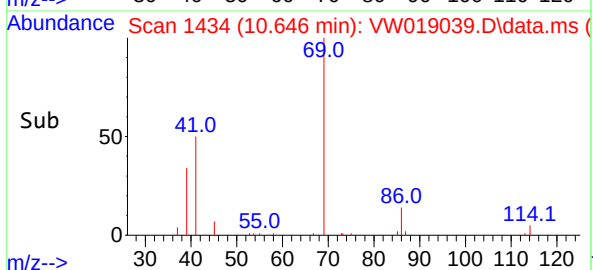
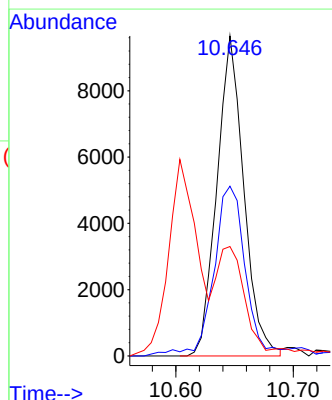
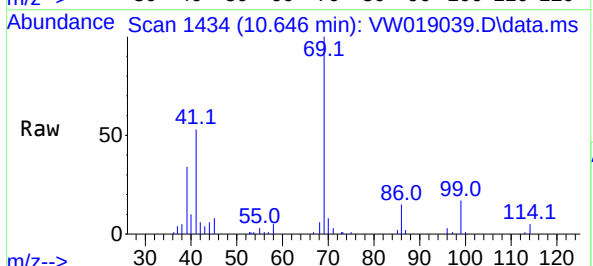
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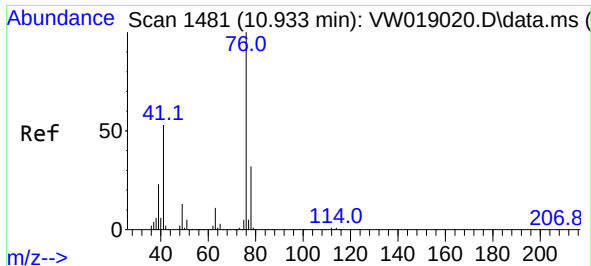
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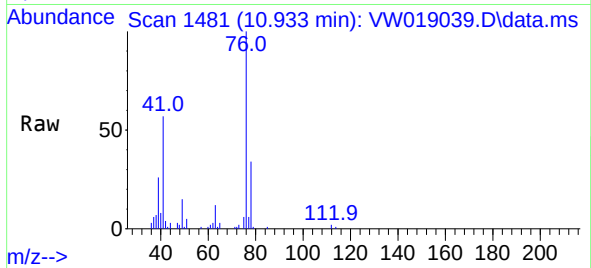
#56
Ethyl methacrylate
Concen: 4.15 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion:	69	Resp:	15366
Ion	Ratio	Lower	Upper
69	100		
41	62.0	48.7	73.1
39	33.0	29.0	43.4

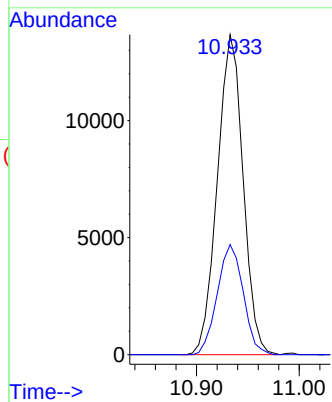
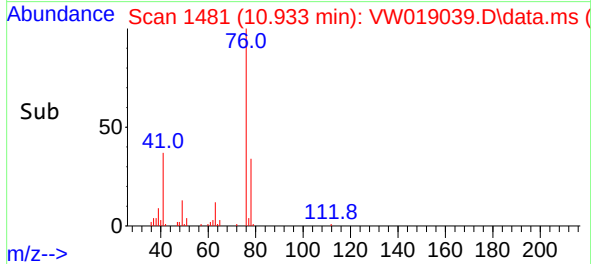




#57
1,3-Dichloropropane
Concen: 4.50 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



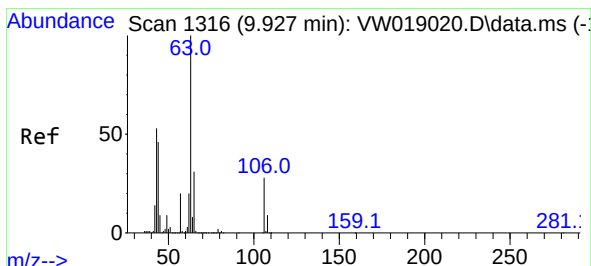
Tgt Ion: 76 Resp: 23744
Ion Ratio Lower Upper
76 100
78 34.6 25.5 38.3



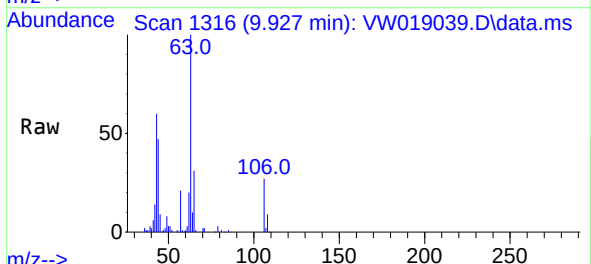
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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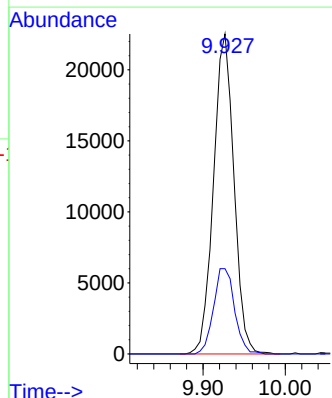
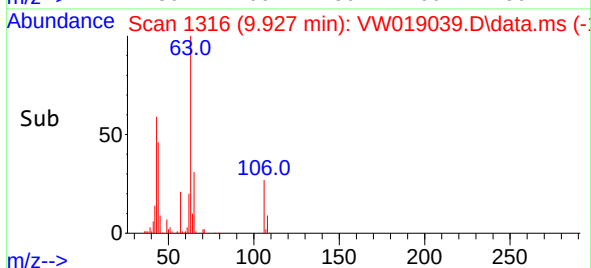
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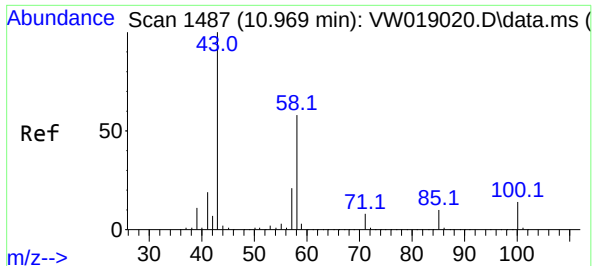


#58
2-Chloroethyl Vinyl ether
Concen: 20.29 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



Tgt Ion: 63 Resp: 38878
Ion Ratio Lower Upper
63 100
106 27.5 22.3 33.5





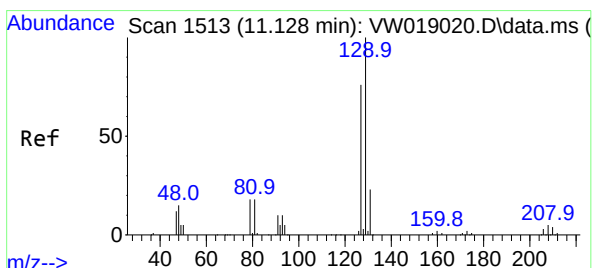
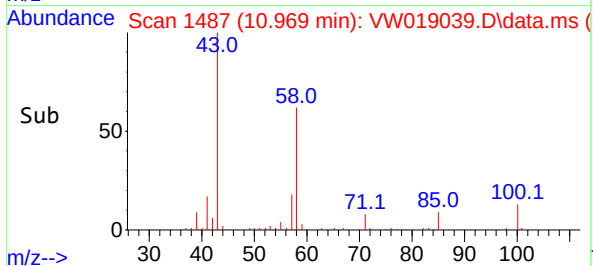
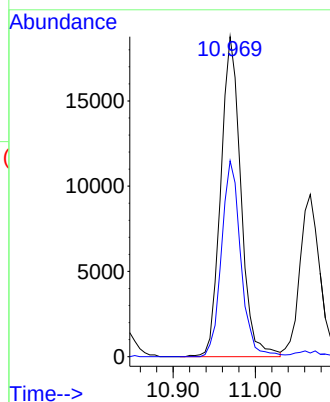
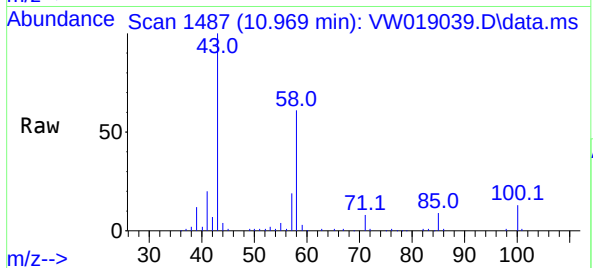
#59
2-Hexanone
Concen: 22.10 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion: 43 Resp: 31925
Ion Ratio Lower Upper
43 100
58 58.8 29.0 87.1

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

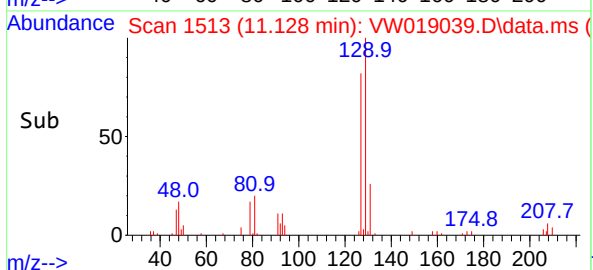
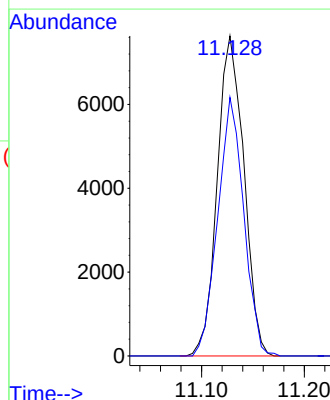
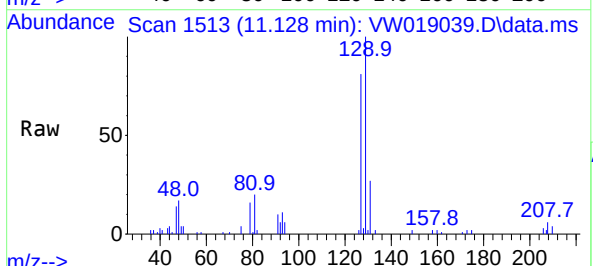
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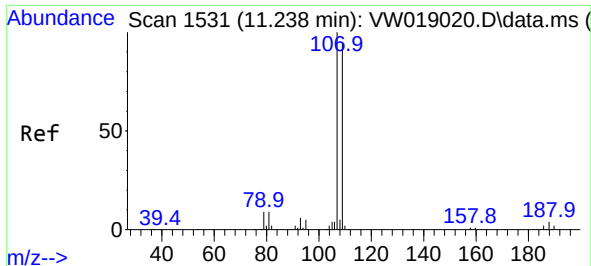
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#60
Dibromochloromethane
Concen: 4.16 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

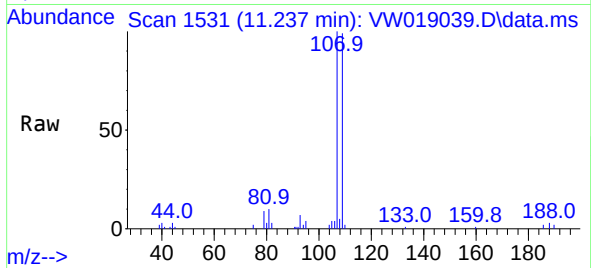
Tgt Ion: 129 Resp: 13722
Ion Ratio Lower Upper
129 100
127 78.9 38.2 114.6





#61
1,2-Dibromoethane
Concen: 4.59 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

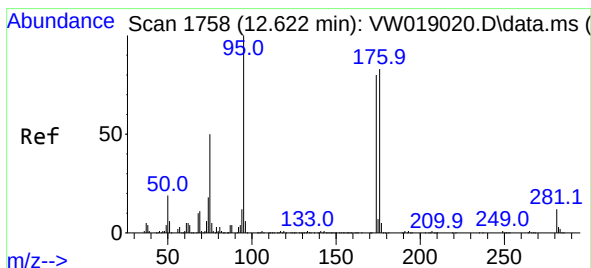
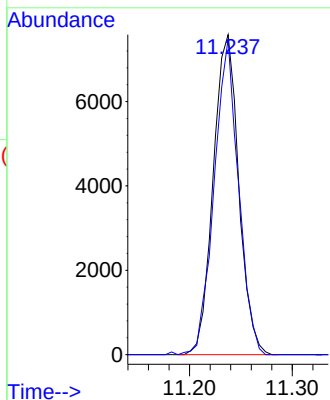
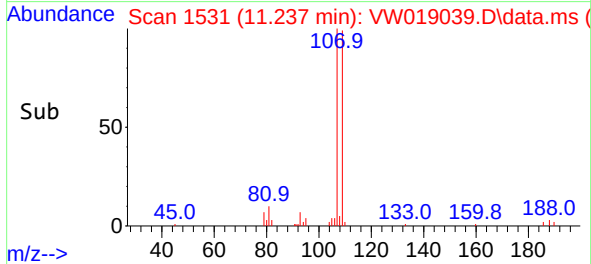
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



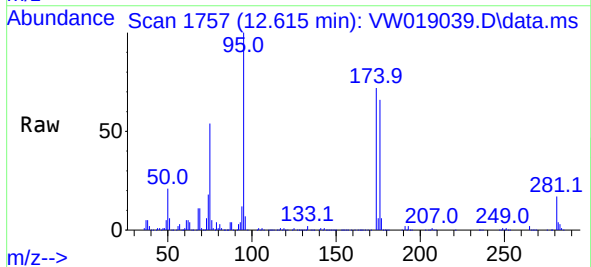
Tgt Ion:107 Resp: 13029
Ion Ratio Lower Upper
107 100
109 94.3 73.9 110.9

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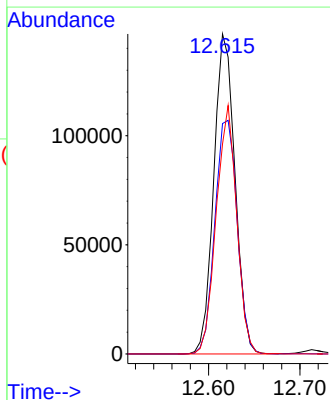
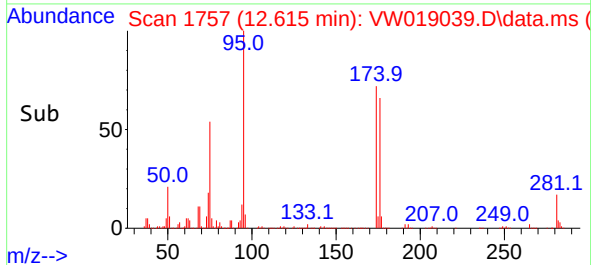
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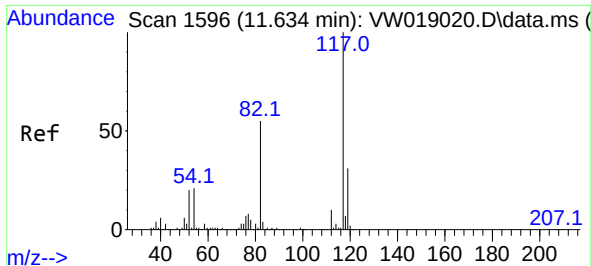


#62
4-Bromofluorobenzene
Concen: 51.21 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.007 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



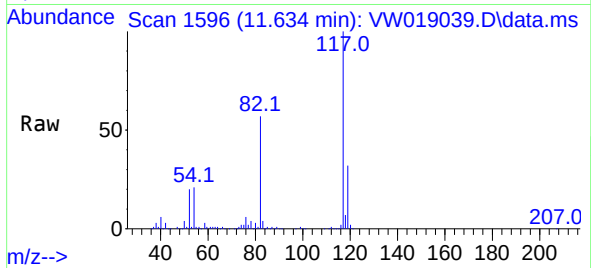
Tgt Ion: 95 Resp: 236237
Ion Ratio Lower Upper
95 100
174 77.3 0.0 156.2
176 75.1 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

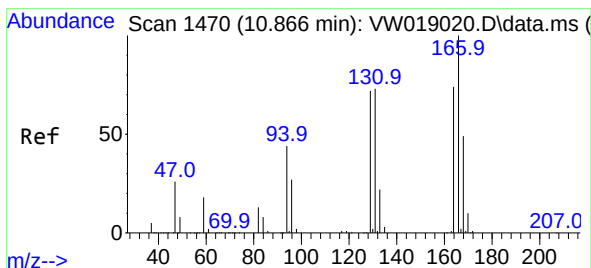
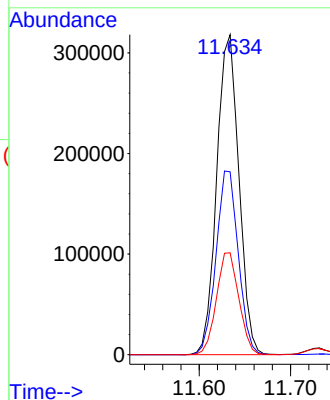
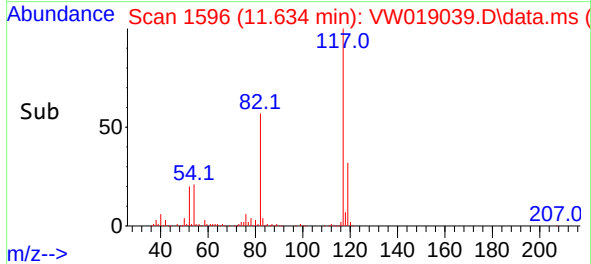
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



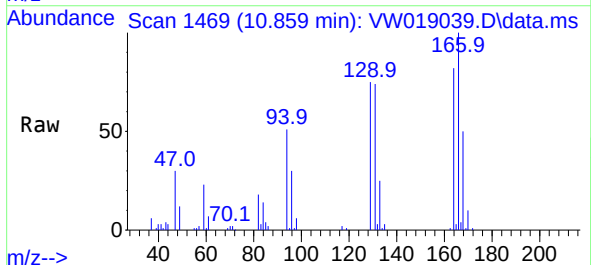
Tgt Ion:117 Resp: 536701
Ion Ratio Lower Upper
117 100
82 57.1 44.4 66.6
119 31.8 24.6 36.8

Manual Integrations
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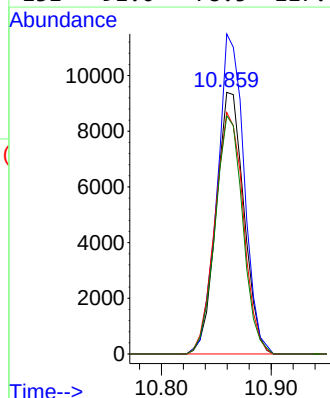
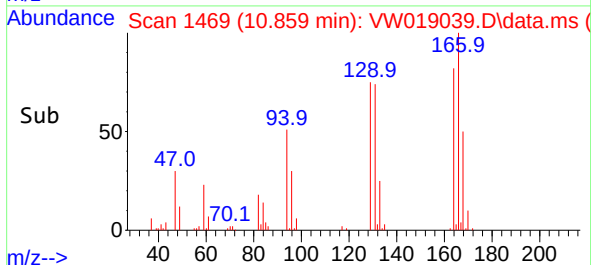
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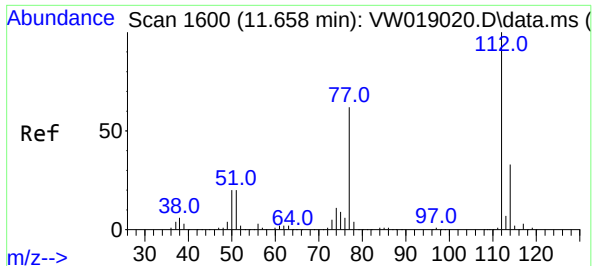


#64
Tetrachloroethene
Concen: 4.73 ug/l
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

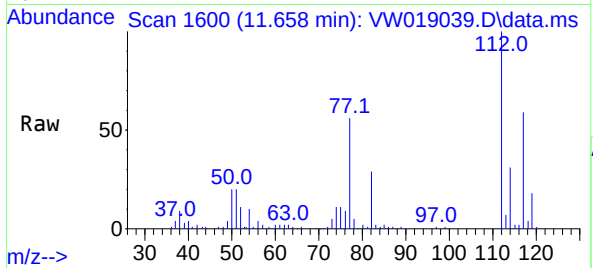


Tgt Ion:164 Resp: 16500
Ion Ratio Lower Upper
164 100
166 122.3 107.8 161.8
129 92.3 77.3 115.9
131 91.0 78.5 117.7

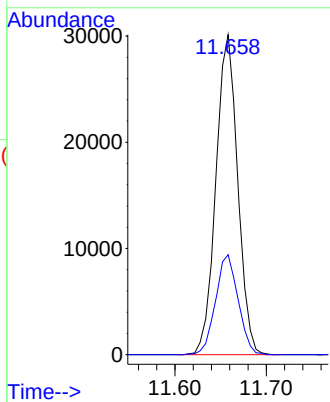
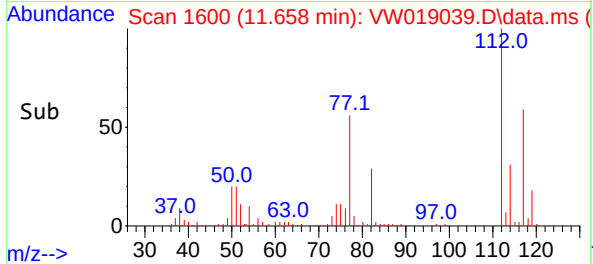




#65
Chlorobenzene
Concen: 4.58 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



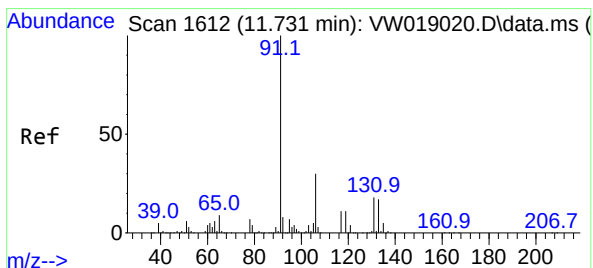
Tgt Ion:112 Resp: 49977
Ion Ratio Lower Upper
112 100
114 31.2 26.4 39.6



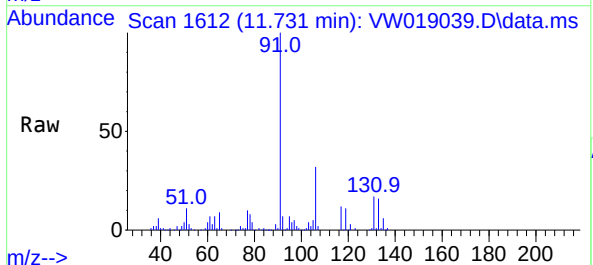
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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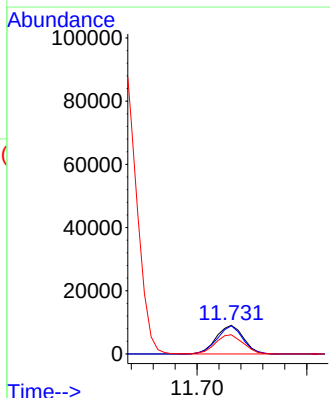
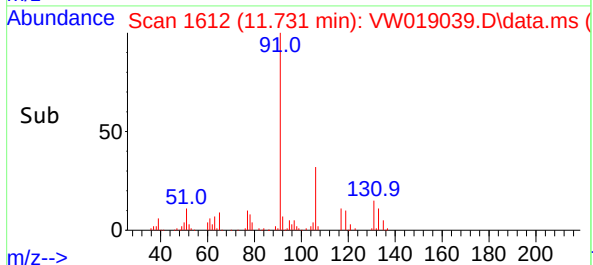
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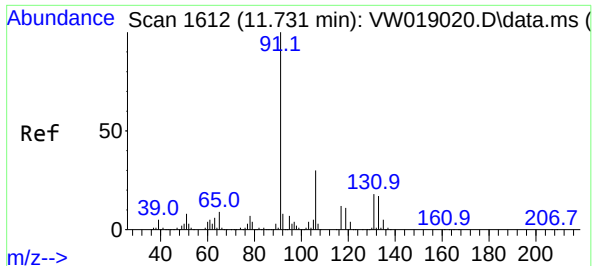


#66
1,1,1,2-Tetrachloroethane
Concen: 4.18 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



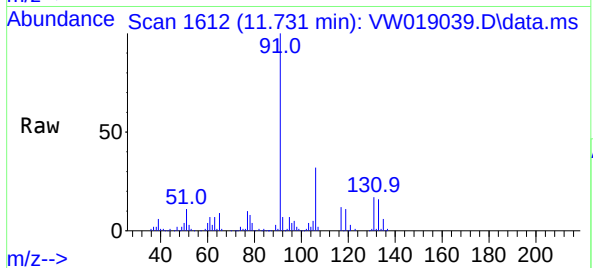
Tgt Ion:131 Resp: 15587
Ion Ratio Lower Upper
131 100
133 93.3 48.1 144.3
119 69.0 33.1 99.2





#67
Ethyl Benzene
Concen: 4.35 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

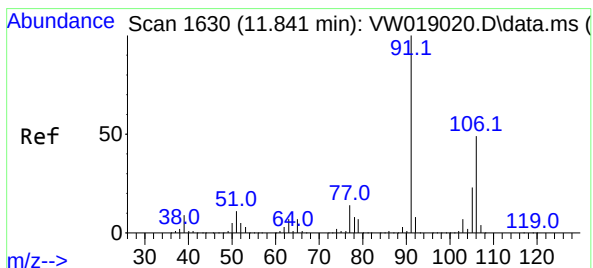
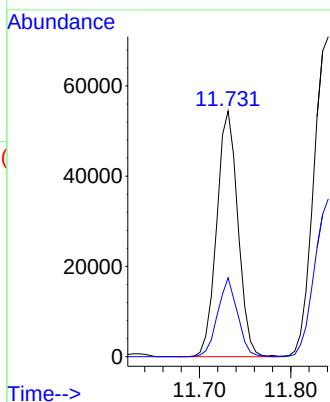
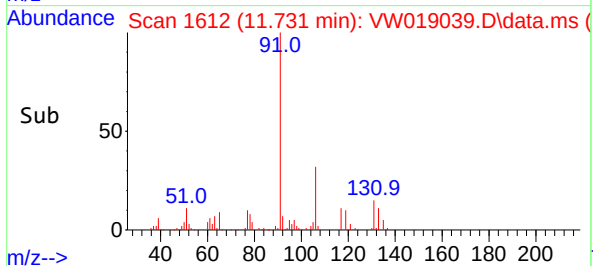
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ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



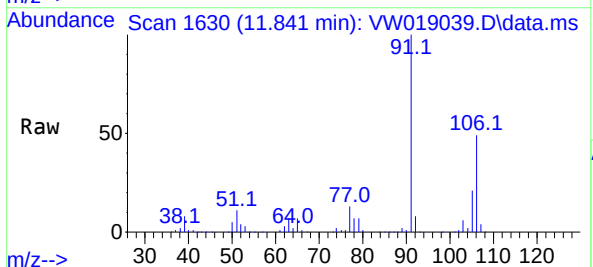
Tgt Ion: 91 Resp: 87767
Ion Ratio Lower Upper
91 100
106 32.1 24.0 36.0

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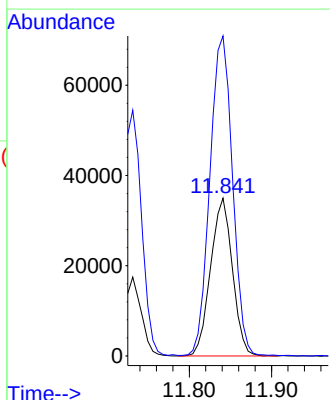
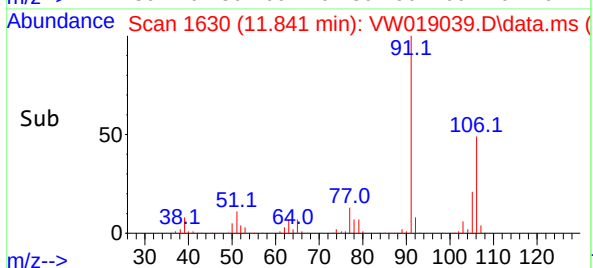
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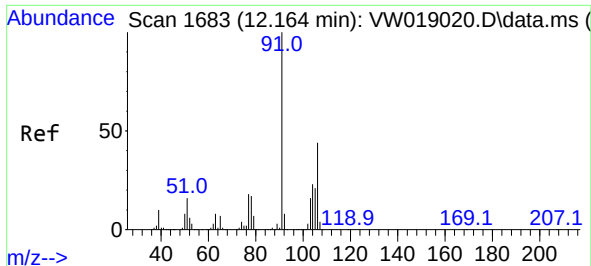


#68
m/p-Xylenes
Concen: 8.51 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



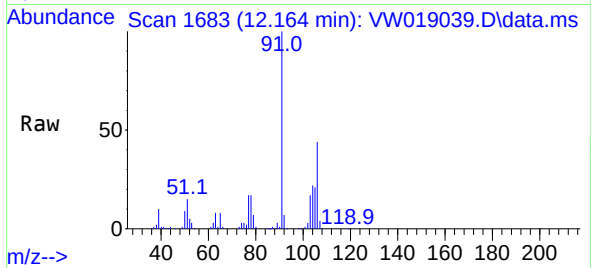
Tgt Ion: 106 Resp: 64541
Ion Ratio Lower Upper
106 100
91 210.6 164.2 246.2





#69
o-Xylene
Concen: 4.17 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

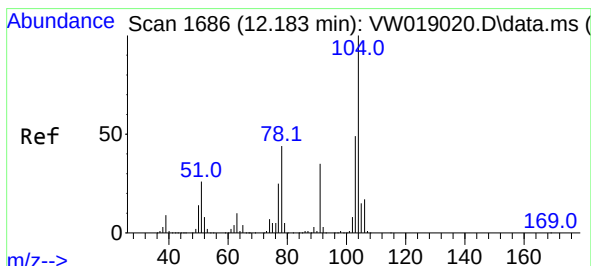
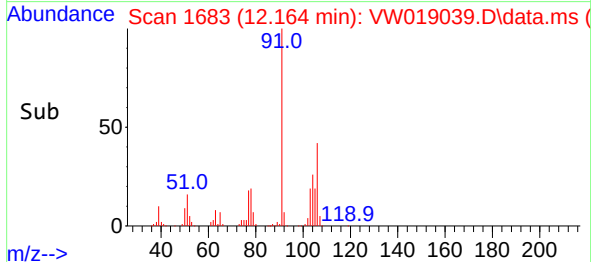
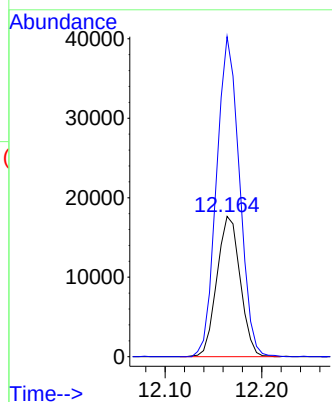
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



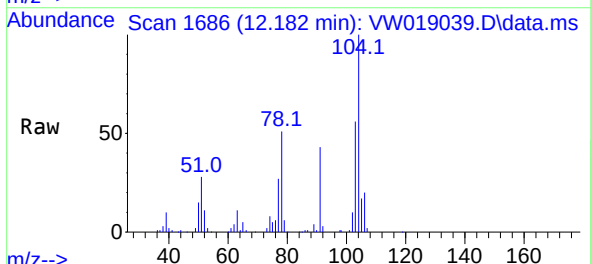
Tgt Ion:106 Resp: 29525
Ion Ratio Lower Upper
106 100
91 224.7 109.1 327.2

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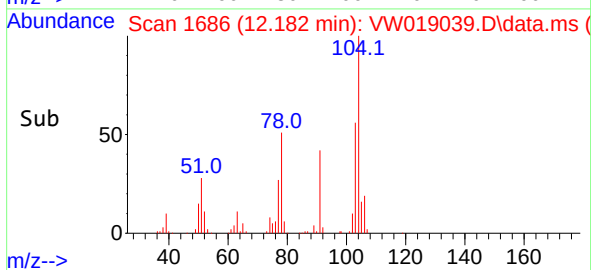
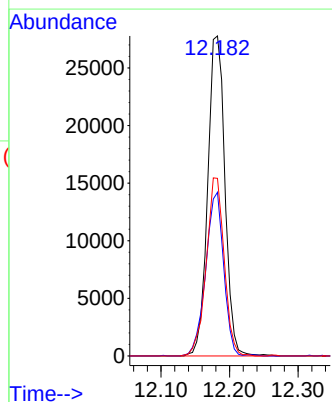
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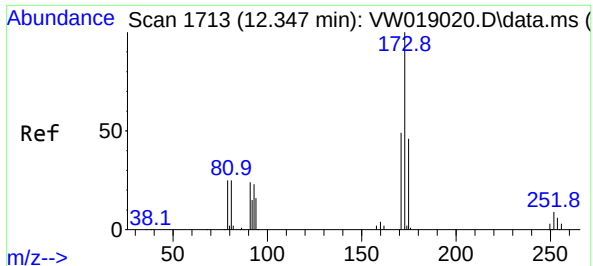


#70
Styrene
Concen: 4.05 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



Tgt Ion:104 Resp: 48611
Ion Ratio Lower Upper
104 100
78 53.2 41.3 61.9
103 57.9 44.1 66.1





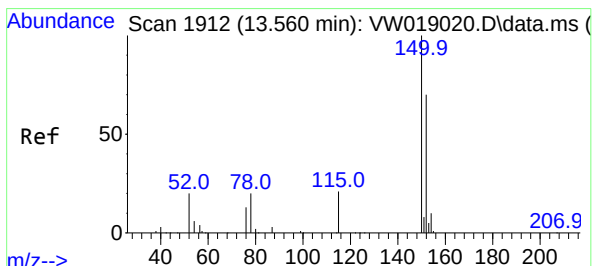
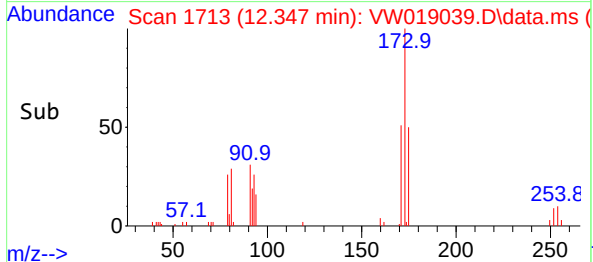
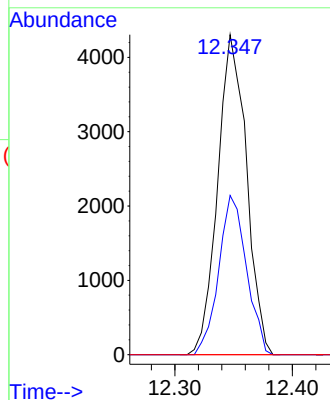
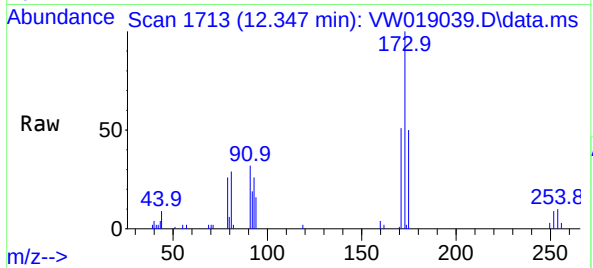
#71
Bromoform
Concen: 3.92 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion:	173	Resp:	7337
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.6	73.8
254	0.0	0.1	0.1#

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

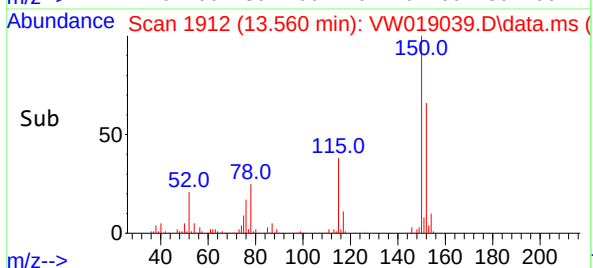
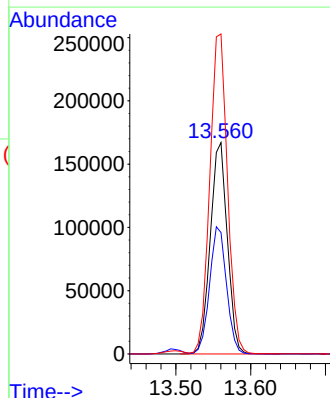
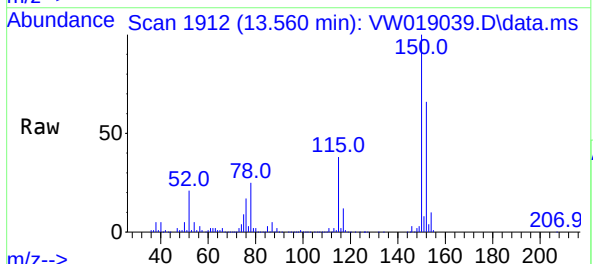
Manual Integrations
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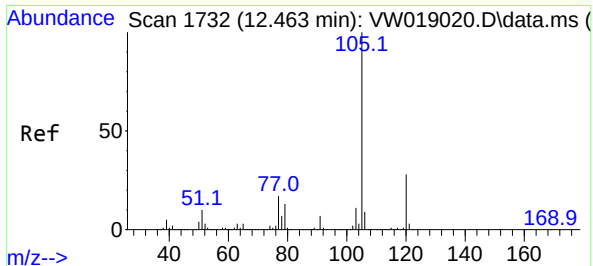
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

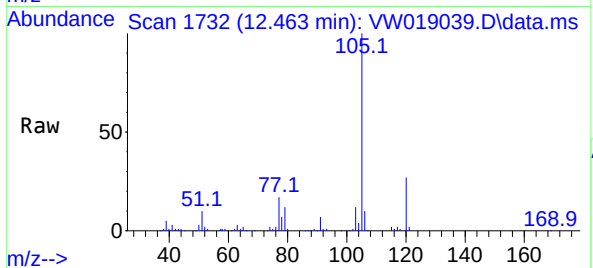
Tgt Ion:	152	Resp:	264778
Ion Ratio	Lower	Upper	
152	100		
115	59.9	30.3	90.8
150	157.0	0.0	356.0





#73
Isopropylbenzene
Concen: 4.21 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

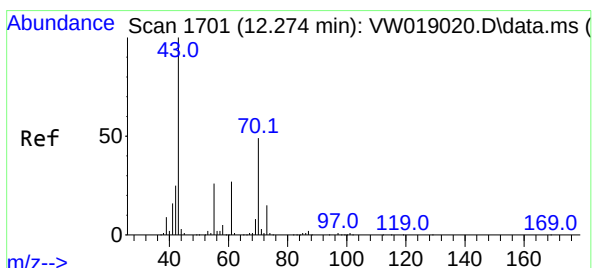
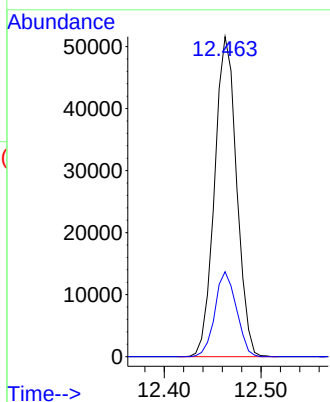
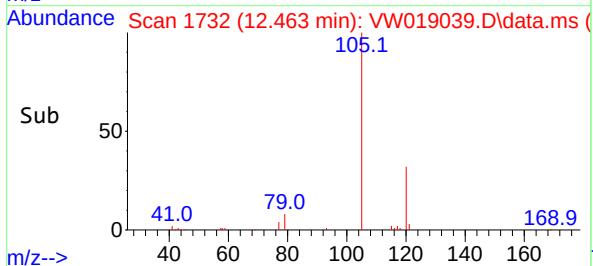
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



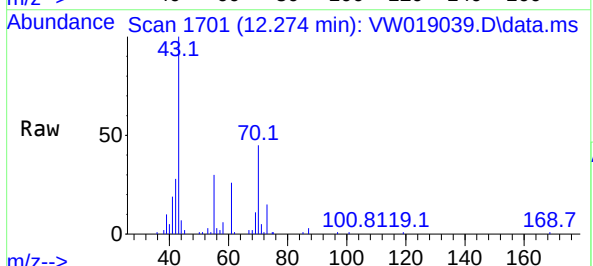
Tgt Ion:105 Resp: 81623
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.5

Manual Integrations
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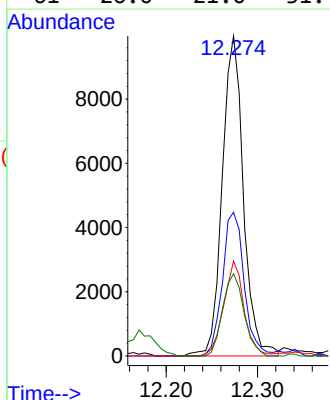
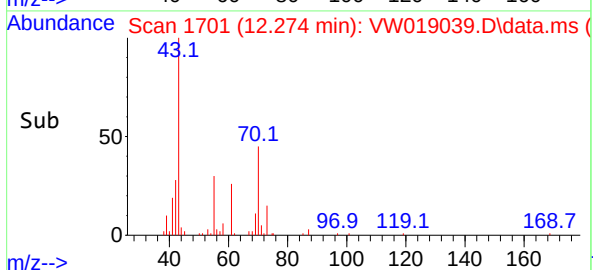
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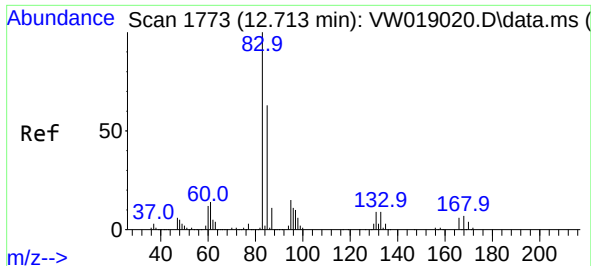


#74
N-ethyl acetate
Concen: 4.01 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



Tgt Ion: 43 Resp: 16066
Ion Ratio Lower Upper
43 100
70 46.2 38.4 57.6
55 28.3 21.6 32.4
61 26.0 21.0 31.4





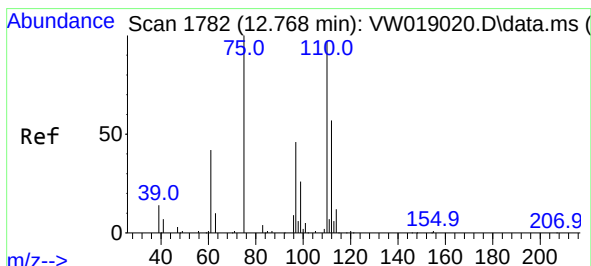
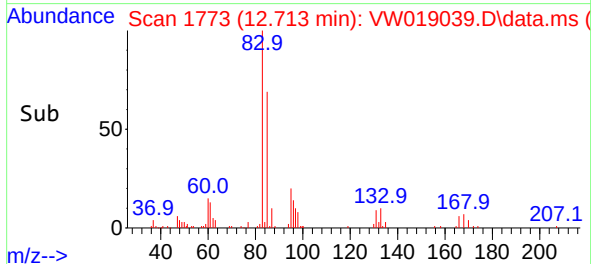
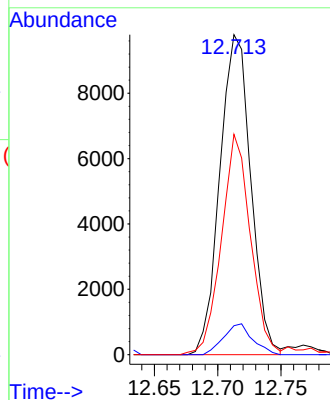
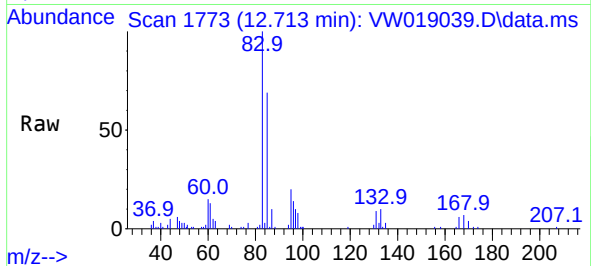
#75
1,1,2,2-Tetrachloroethane
Concen: 4.80 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion:	83	Resp:	16656
Ion Ratio	Lower	Upper	
83	100		
131	9.0	5.1	15.2
85	66.8	31.6	94.8

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

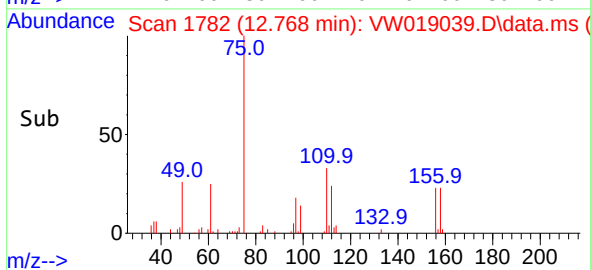
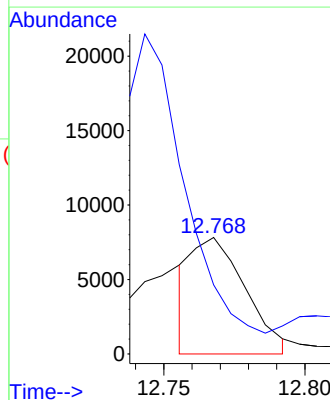
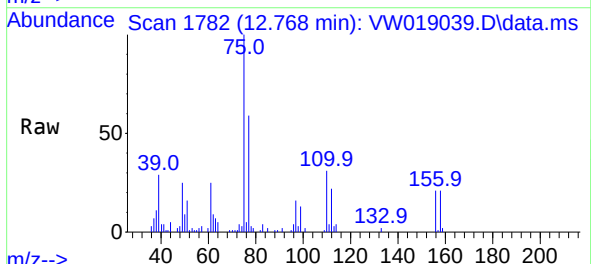
Manual Integrations
APPROVED

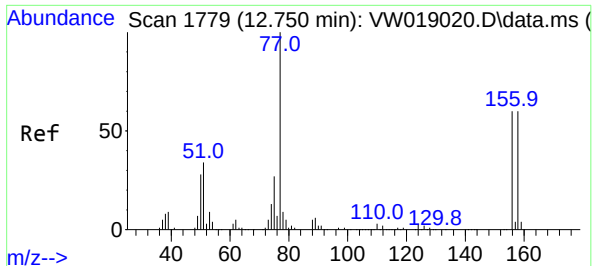
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#76
1,2,3-Trichloropropane
Concen: 4.13 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion:	75	Resp:	10330
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





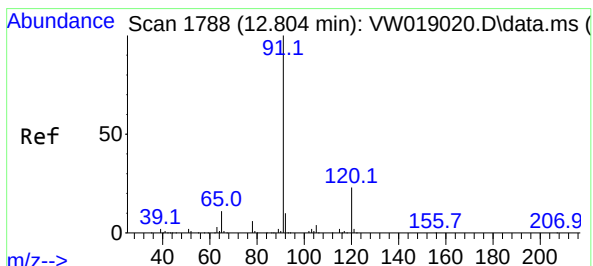
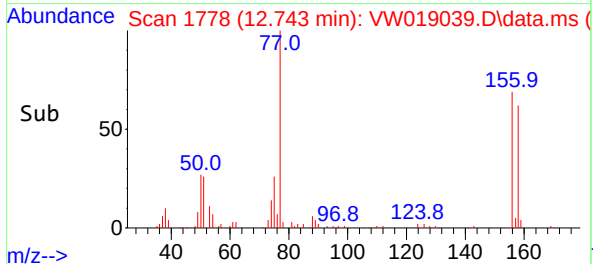
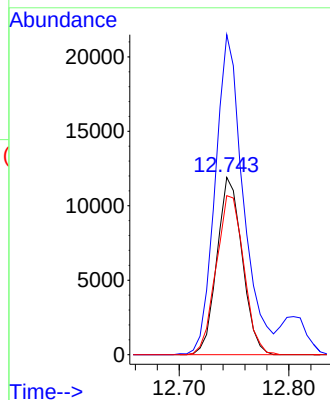
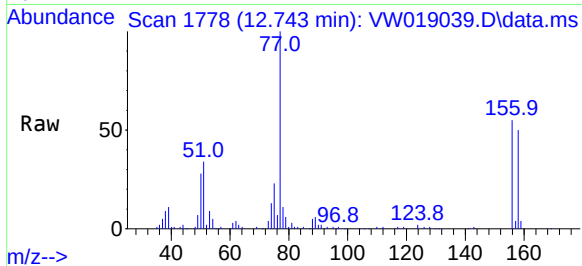
#77
Bromobenzene
Concen: 4.45 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion: 156 Resp: 19044
Ion Ratio Lower Upper
156 100
77 201.2 96.7 290.0
158 98.2 48.4 145.3

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

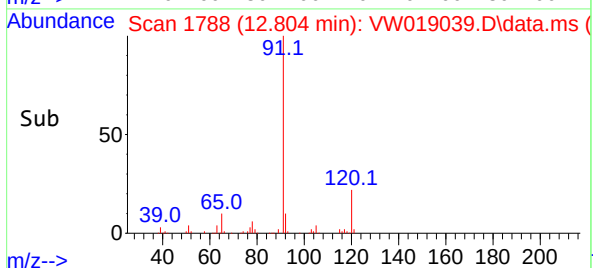
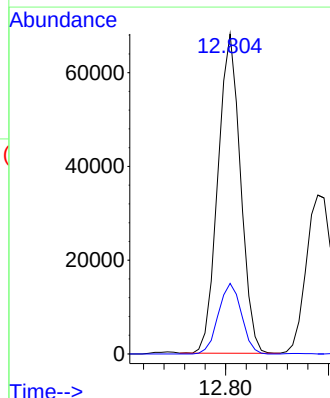
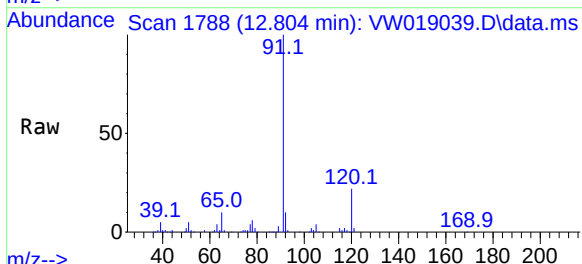
Manual Integrations
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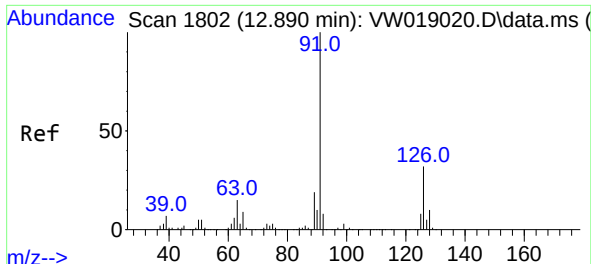
MMDadoda
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#78
n-propylbenzene
Concen: 4.38 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion: 91 Resp: 103820
Ion Ratio Lower Upper
91 100
120 22.5 11.1 33.3





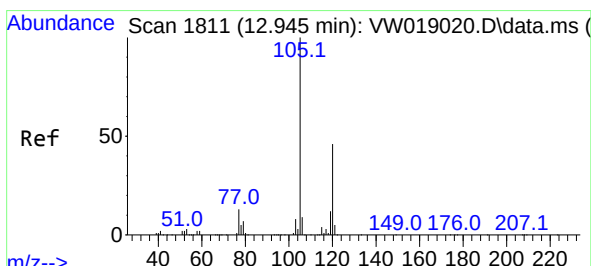
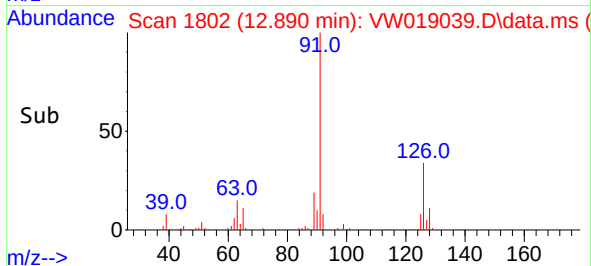
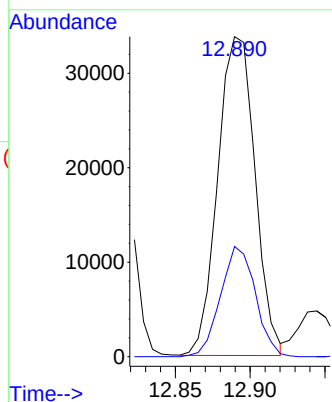
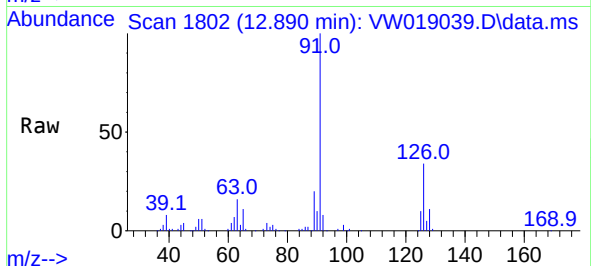
#79
2-Chlorotoluene
Concen: 4.33 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion: 91 Resp: 58505
Ion Ratio Lower Upper
91 100
126 32.4 16.5 49.5

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

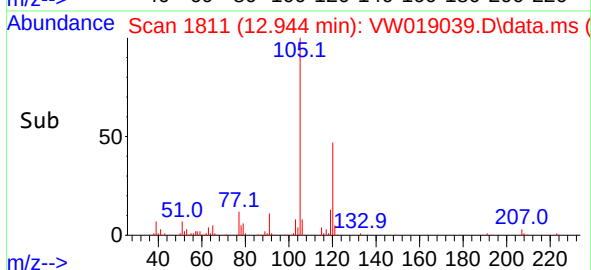
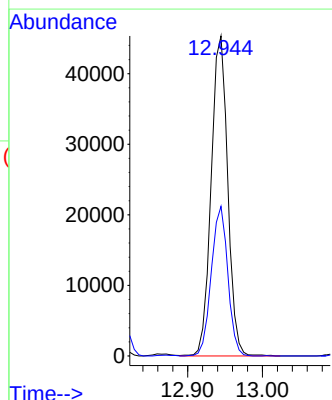
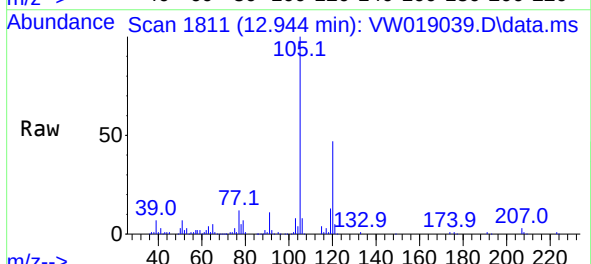
Manual Integrations
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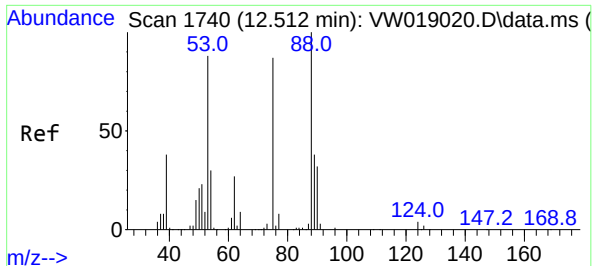
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#80
1,3,5-Trimethylbenzene
Concen: 4.23 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

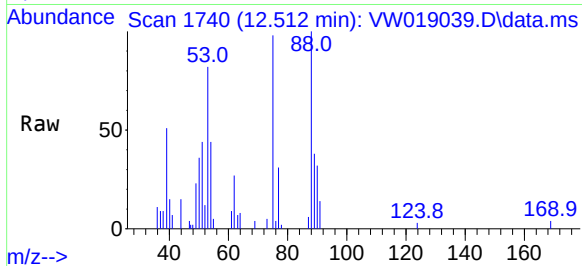
Tgt Ion: 105 Resp: 69674
Ion Ratio Lower Upper
105 100
120 46.6 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 3.87 ug/l m
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

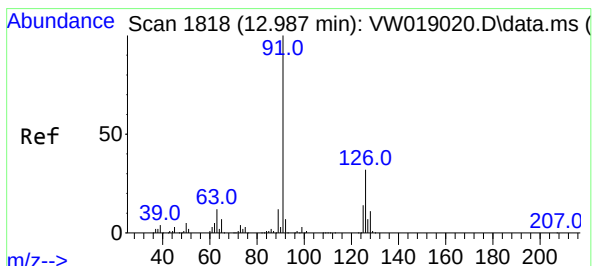
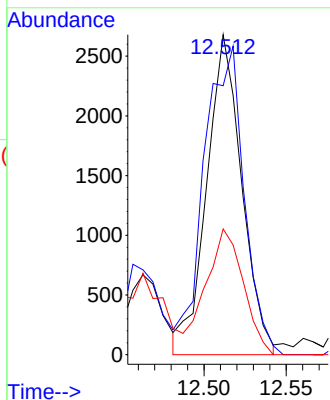
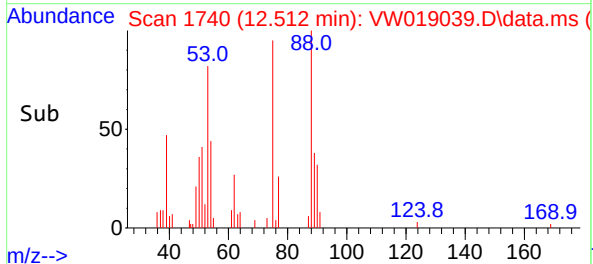
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



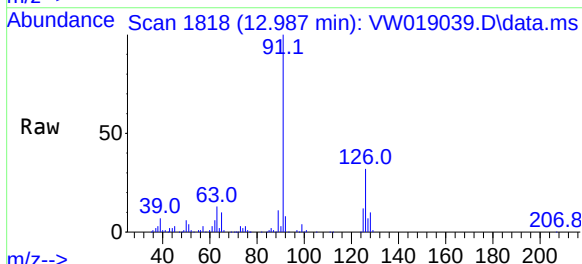
Tgt Ion: 75 Resp: 3974
Ion Ratio Lower Upper
75 100
53 0.0 81.5 122.3#
89 10.2 36.3 54.5#

Manual Integrations
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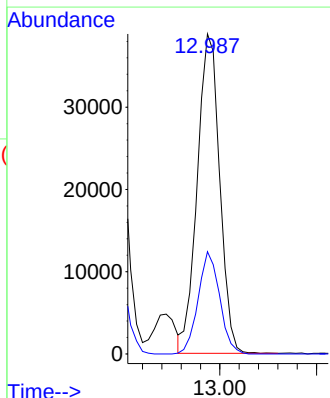
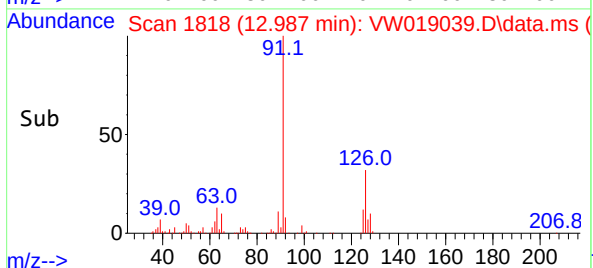
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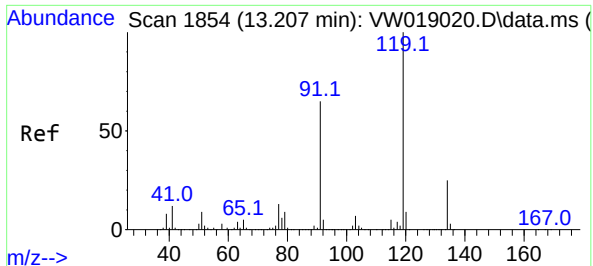


#82
4-Chlorotoluene
Concen: 4.36 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



Tgt Ion: 91 Resp: 62500
Ion Ratio Lower Upper
91 100
126 30.8 16.1 48.2





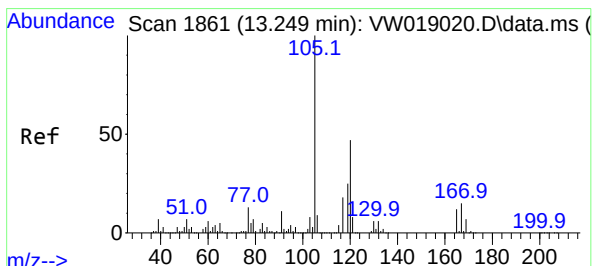
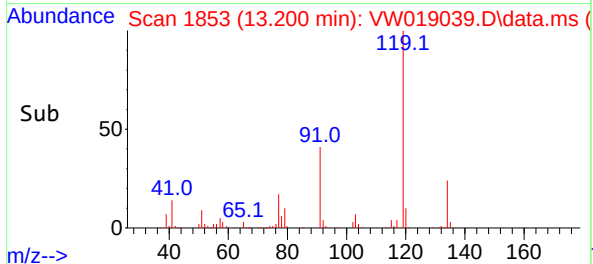
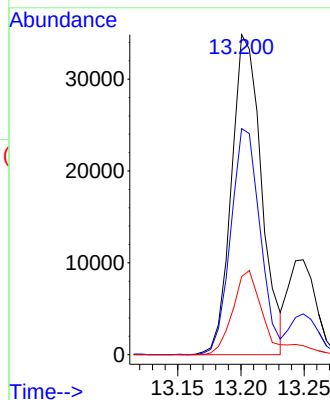
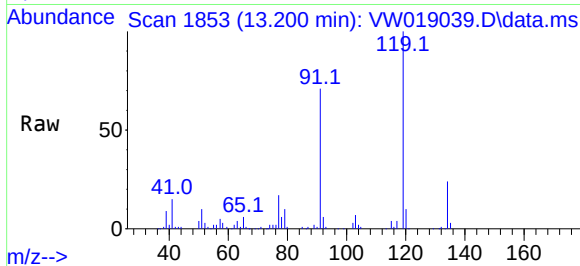
#83
tert-Butylbenzene
Concen: 4.15 ug/l
RT: 13.200 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion:119 Resp: 57603
Ion Ratio Lower Upper
119 100
91 69.1 34.0 102.0
134 28.0 13.0 38.9

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

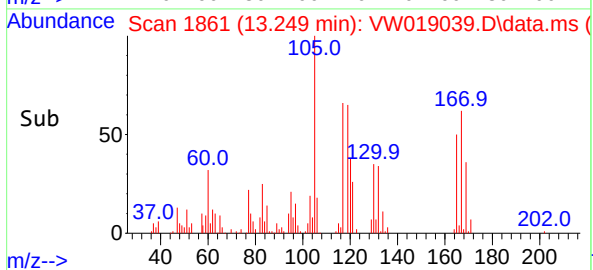
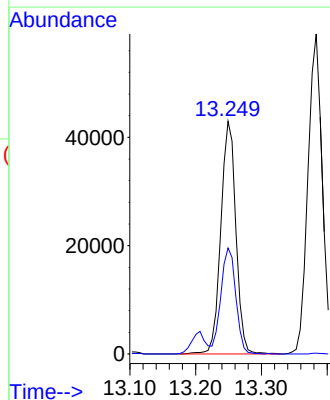
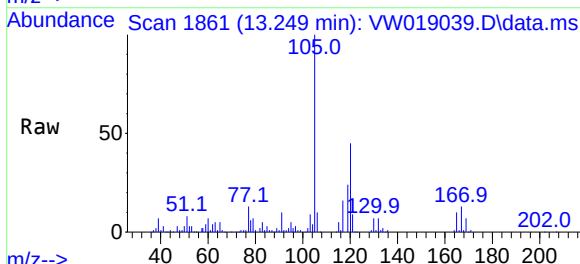
Manual Integrations
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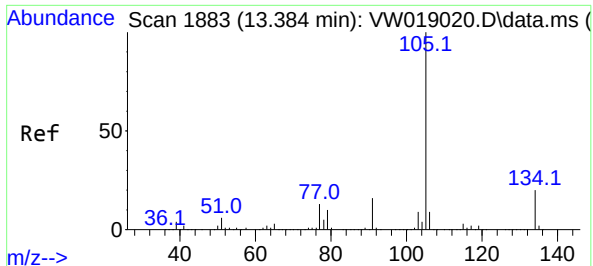
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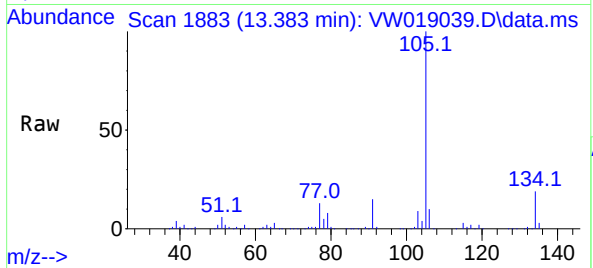
#84
1,2,4-Trimethylbenzene
Concen: 4.19 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion:105 Resp: 68499
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.0

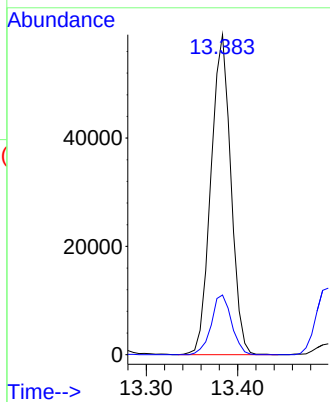
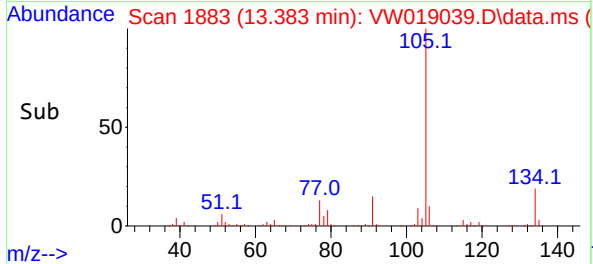




#85
sec-Butylbenzene
Concen: 4.34 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



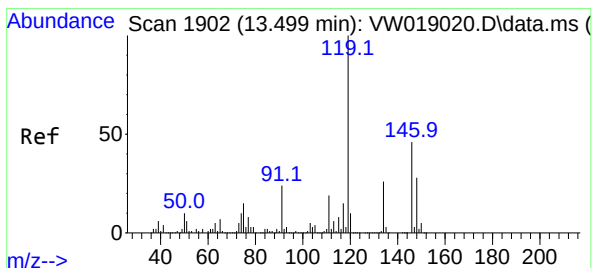
Tgt Ion:105 Resp: 89348
Ion Ratio Lower Upper
105 100
134 19.0 10.1 30.1



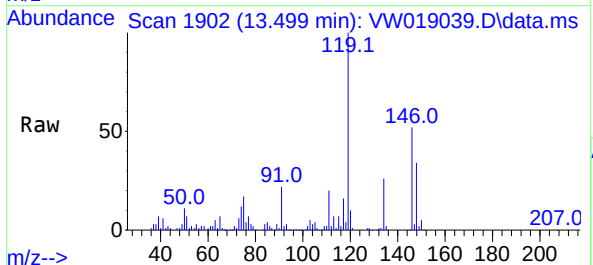
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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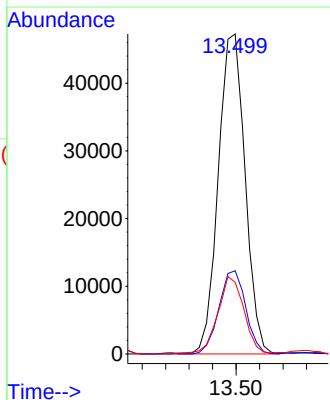
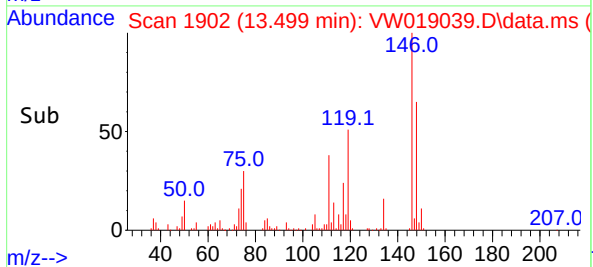
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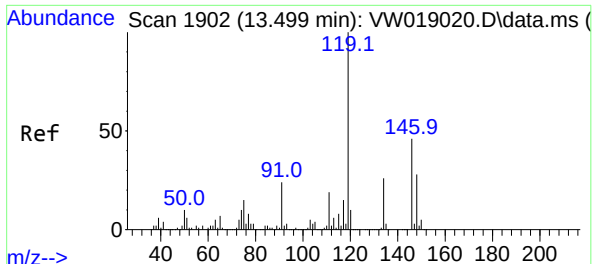


#86
p-Isopropyltoluene
Concen: 4.20 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



Tgt Ion:119 Resp: 74869
Ion Ratio Lower Upper
119 100
134 26.0 12.8 38.3
91 23.6 12.1 36.3





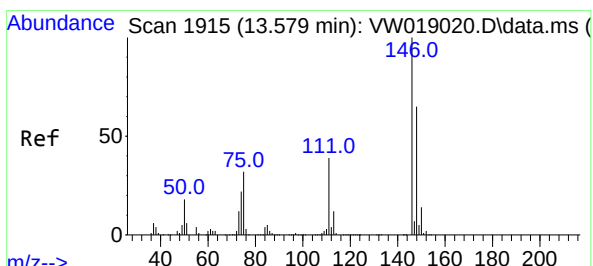
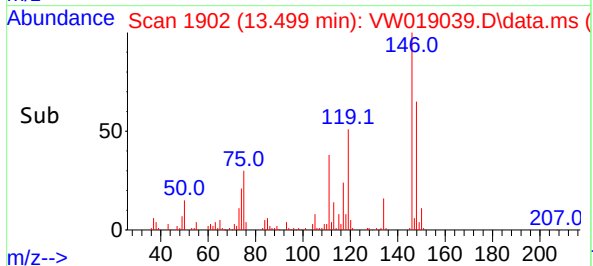
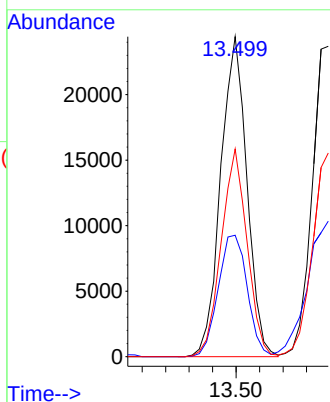
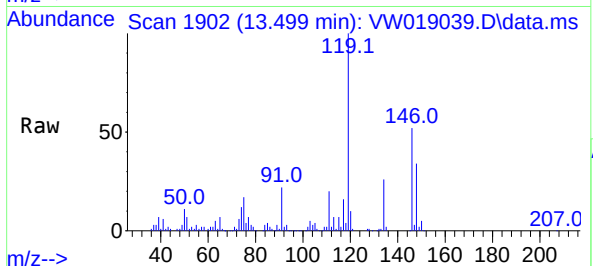
#87
1,3-Dichlorobenzene
Concen: 4.33 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion:	146	Resp:	37873
Ion Ratio	Lower	Upper	
146	100		
111	42.2	20.7	62.1
148	64.1	31.8	95.3

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

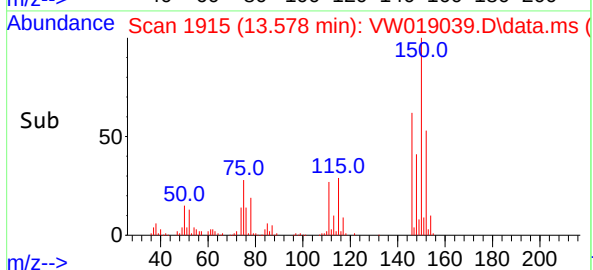
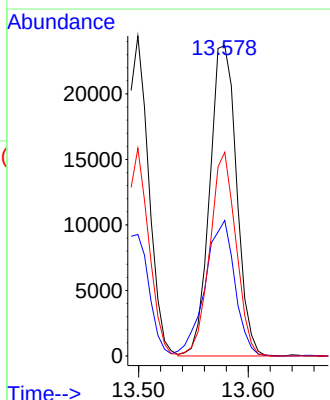
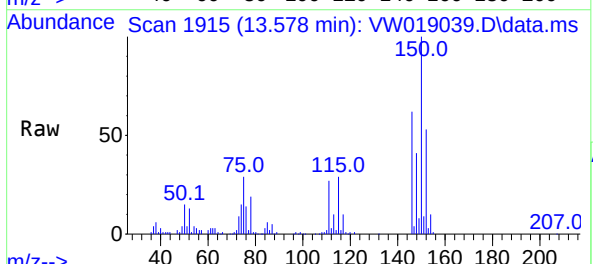
Manual Integrations
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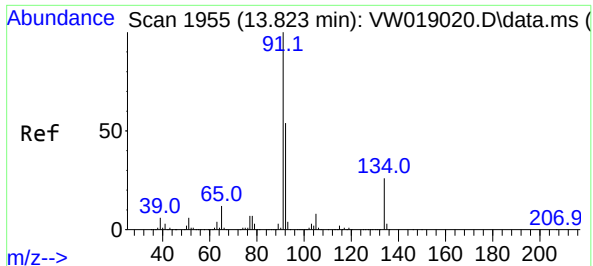
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#88
1,4-Dichlorobenzene
Concen: 4.69 ug/l
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

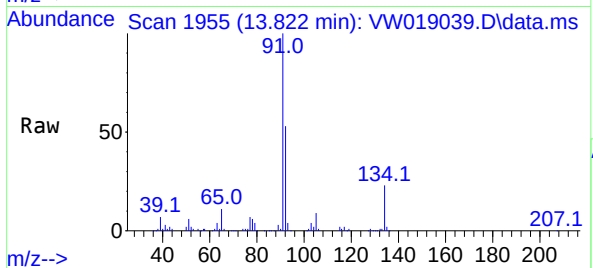
Tgt Ion:	146	Resp:	40389
Ion Ratio	Lower	Upper	
146	100		
111	48.7	20.1	60.3
148	63.6	32.4	97.2





#89
n-Butylbenzene
Concen: 4.31 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

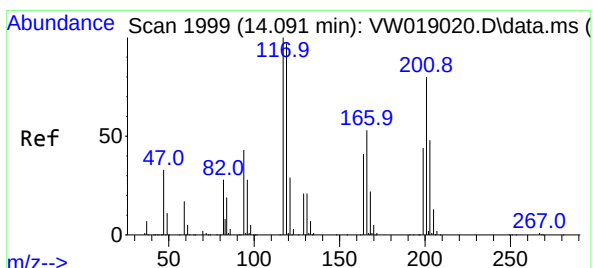
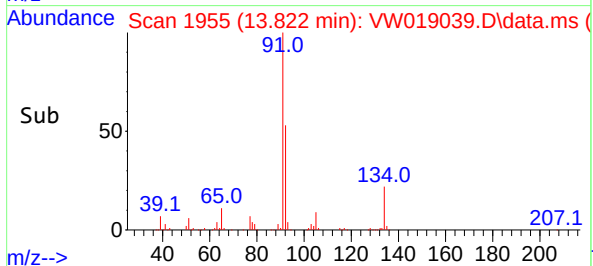
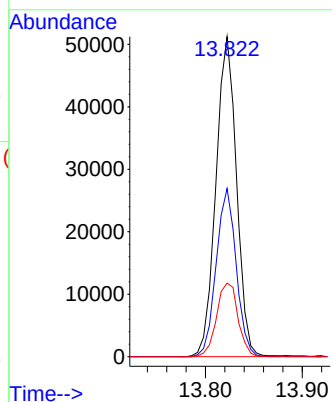
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion: 91 Resp: 75649
Ion Ratio Lower Upper
91 100
92 51.1 26.6 79.8
134 23.9 12.7 38.0

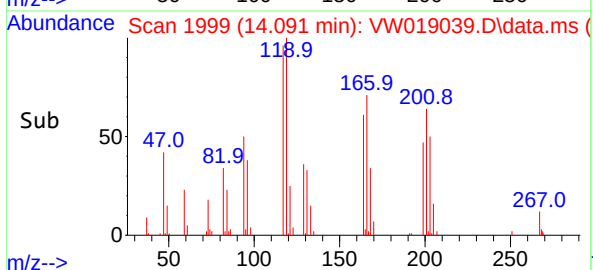
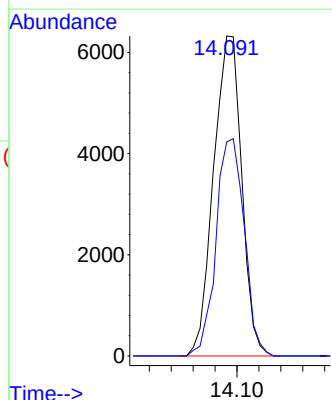
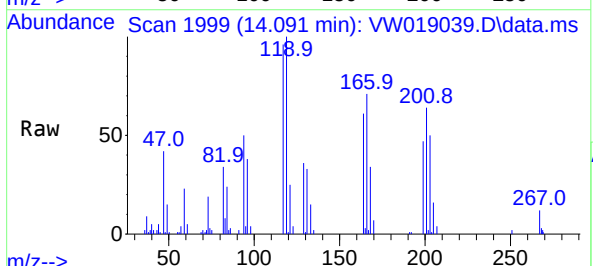
Manual Integrations
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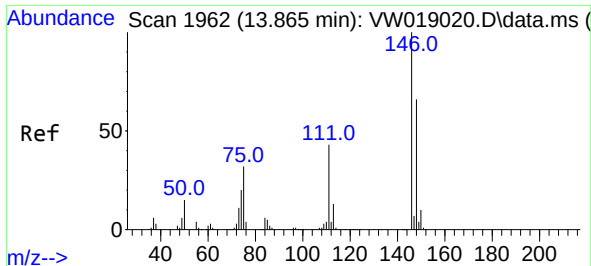
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#90
Hexachloroethane
Concen: 4.03 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion: 117 Resp: 11274
Ion Ratio Lower Upper
117 100
201 68.2 38.4 115.2





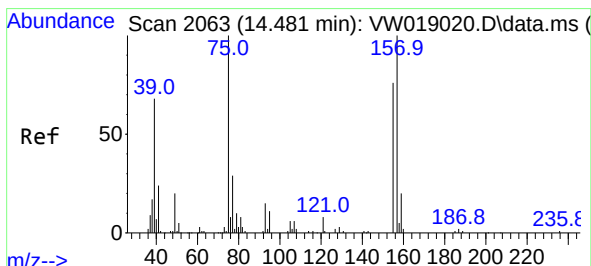
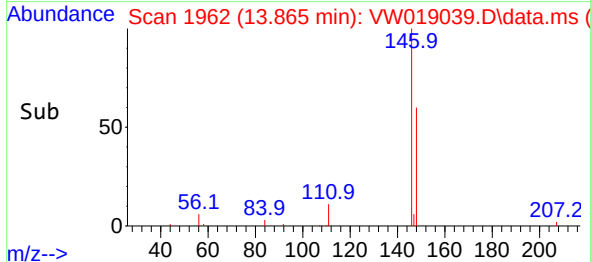
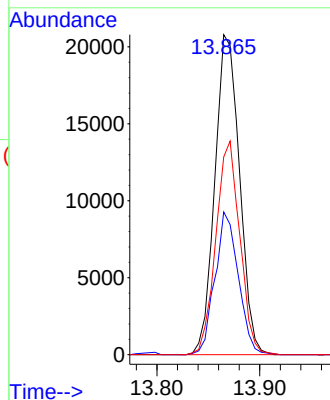
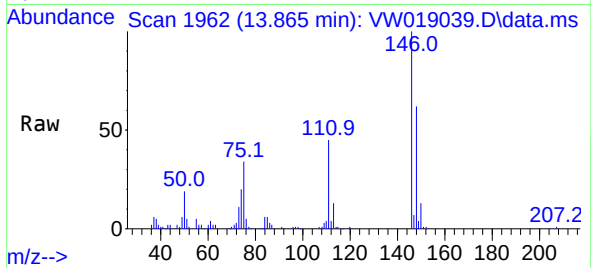
#91
1,2-Dichlorobenzene
Concen: 4.48 ug/l
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

Tgt Ion:	146	Resp:	34654
Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.1	63.1
148	64.8	32.6	97.7

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

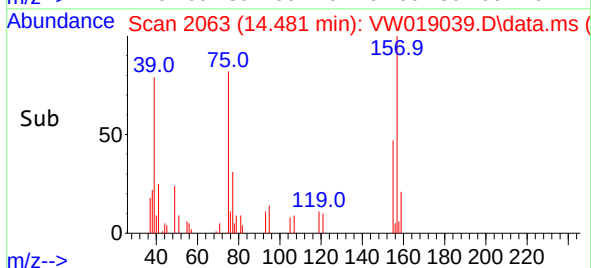
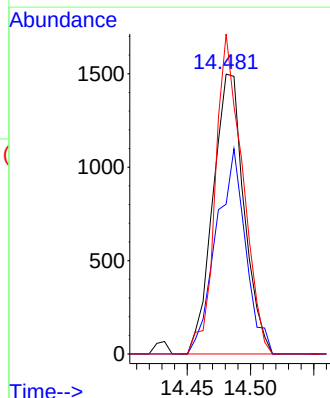
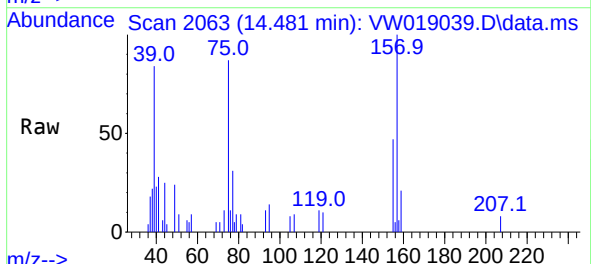
Manual Integrations
APPROVED

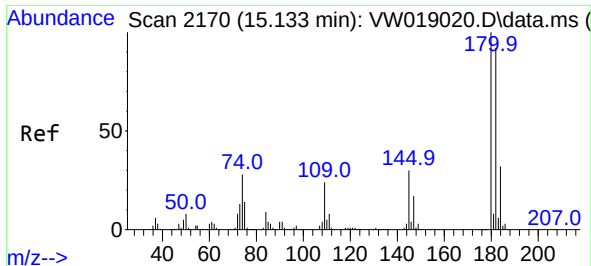
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#92
1,2-Dibromo-3-Chloropropane
Concen: 4.63 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

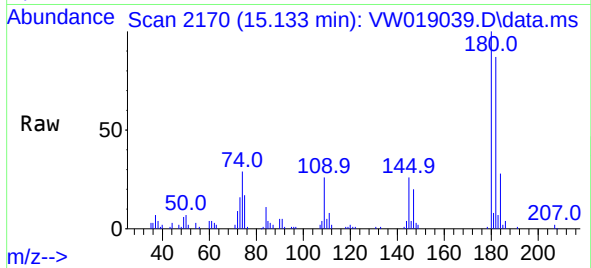
Tgt Ion:	75	Resp:	2566
Ion	Ratio	Lower	Upper
75	100		
155	69.3	41.3	124.1
157	99.5	51.2	153.6





#93
1,2,4-Trichlorobenzene
Concen: 4.57 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

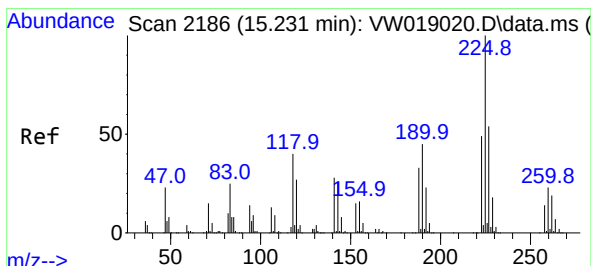
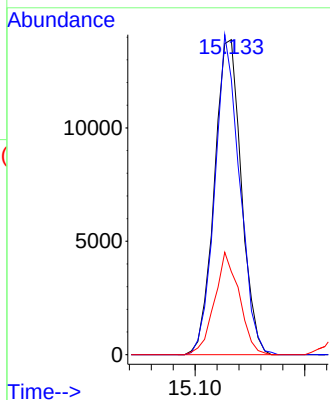
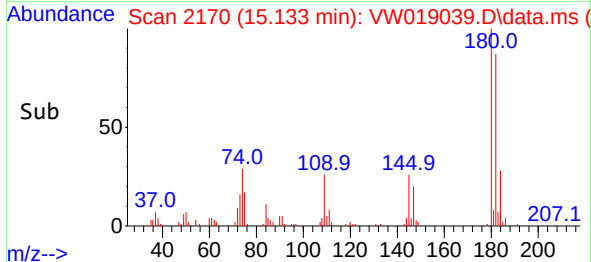
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MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



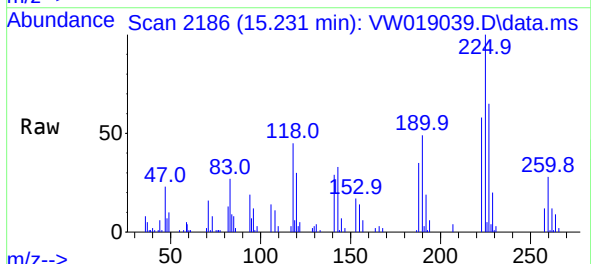
Tgt Ion:180 Resp: 23672
Ion Ratio Lower Upper
180 100
182 93.6 48.9 146.7
145 30.0 15.4 46.1

Manual Integrations
APPROVED

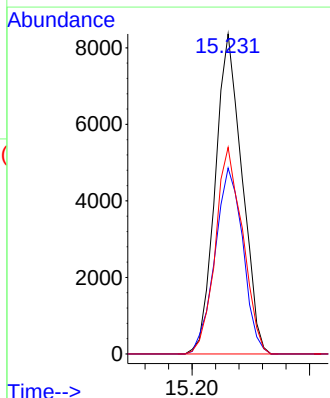
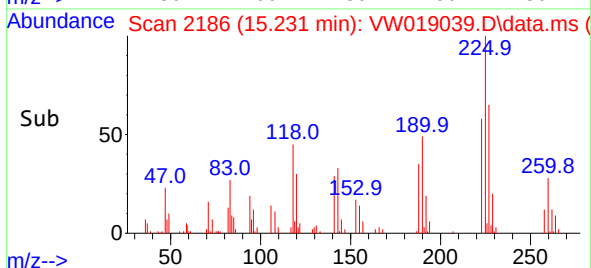
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5/20/2021 6:00:21 PM

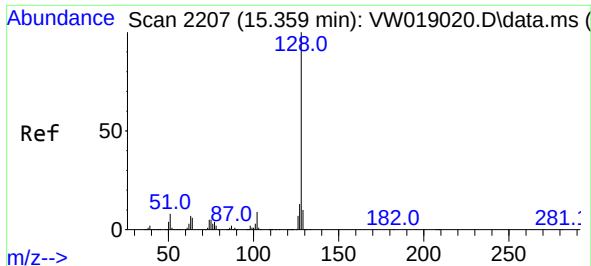


#94
Hexachlorobutadiene
Concen: 4.43 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



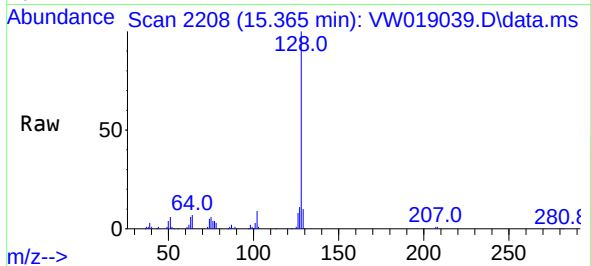
Tgt Ion:225 Resp: 13245
Ion Ratio Lower Upper
225 100
223 60.5 29.6 88.8
227 65.8 30.4 91.3





#95
Naphthalene
Concen: 4.35 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29

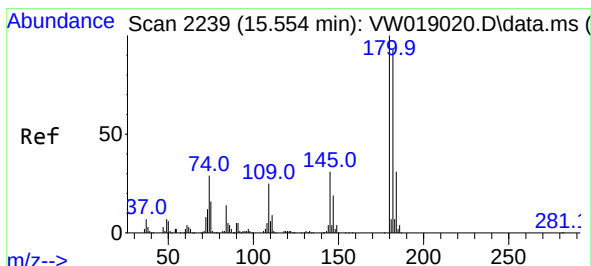
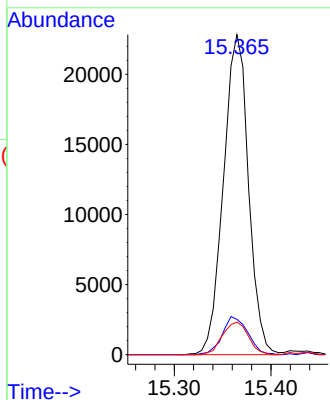
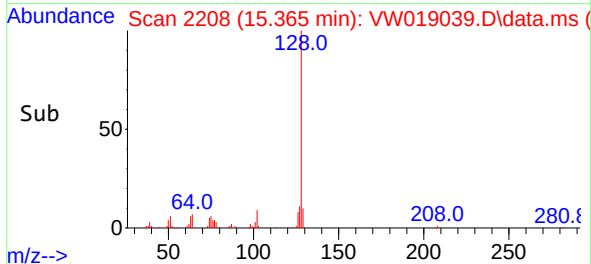
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



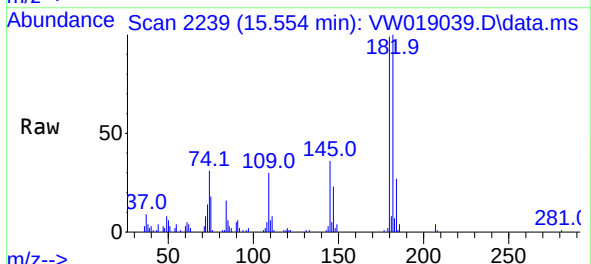
Tgt Ion:128 Resp: 41006
Ion Ratio Lower Upper
128 100
127 12.1 10.4 15.6
129 10.5 8.5 12.7

Manual Integrations
APPROVED

MMDadoda
5/20/2021 6:00:21 PM



#96
1,2,3-Trichlorobenzene
Concen: 4.57 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW019039.D
Acq: 19 May 2021 18:29



Tgt Ion:180 Resp: 20482
Ion Ratio Lower Upper
180 100
182 99.8 47.4 142.3
145 33.9 16.1 48.2

