

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051921\
 Data File : VW019029.D
 Acq On : 18 May 2021 20:42
 Operator : SY/VA
 Sample : M2262-01 2.5PPBLOD
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: May 19 07:50:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 07:50:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	379616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	642676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	585438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	277365	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	221886	57.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.60%	
35) Dibromofluoromethane	7.884	113	194239	54.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.56%	
50) Toluene-d8	10.323	98	782593	55.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.14%	
62) 4-Bromofluorobenzene	12.615	95	274684	54.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.20%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	6036	2.36	ug/l	94
3) Chloromethane	2.215	50	7682	2.71	ug/l	95
4) Vinyl Chloride	2.367	62	9230	2.22	ug/l	94
5) Bromomethane	2.782	94	9627	2.76	ug/l	94
6) Chloroethane	2.928	64	6748	2.36	ug/l #	88
7) Trichlorofluoromethane	3.257	101	4903	2.14	ug/l	91
8) Diethyl Ether	3.678	74	5329	2.67	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.074	101	9247	2.49	ug/l #	88
10) Methyl Iodide	4.275	142	14013	2.58	ug/l #	95
11) Tert butyl alcohol	5.172	59	5781	25.64	ug/l	99
12) 1,1-Dichloroethene	4.050	96	9262	2.45	ug/l	95
13) Acrolein	3.903	56	3003	11.74	ug/l	91
14) Allyl chloride	4.678	41	11900	2.42	ug/l	95
15) Acrylonitrile	5.373	53	9201	12.31	ug/l	97
16) Acetone	4.135	43	11660	19.15	ug/l	98
17) Carbon Disulfide	4.391	76	23214	2.25	ug/l	99
18) Methyl Acetate	4.672	43	5099	2.85	ug/l #	70
19) Methyl tert-butyl Ether	5.434	73	12638	2.66	ug/l	98
20) Methylene Chloride	4.922	84	33483	6.13	ug/l	95
21) trans-1,2-Dichloroethene	5.422	96	10957	2.54	ug/l	94
22) Diisopropyl ether	6.312	45	24297	2.43	ug/l	93
23) Vinyl Acetate	6.263	43	72894	10.83	ug/l	98
24) 1,1-Dichloroethane	6.220	63	19501	2.52	ug/l	100
25) 2-Butanone	7.177	43	14247	14.25	ug/l	93
26) 2,2-Dichloropropane	7.171	77	12109	2.90	ug/l	93
27) cis-1,2-Dichloroethene	7.171	96	11910	2.48	ug/l	91
28) Bromochloromethane	7.519	49	8230	2.61	ug/l	98
29) Tetrahydrofuran	7.537	42	7692	13.15	ug/l	99
30) Chloroform	7.677	83	20547	2.61	ug/l	88
31) Cyclohexane	7.952	56	22903	3.53	ug/l #	61
32) 1,1,1-Trichloroethane	7.872	97	14603	2.50	ug/l	96
36) 1,1-Dichloropropene	8.086	75	15723	2.46	ug/l	97
37) Ethyl Acetate	7.269	43	7423	3.00	ug/l	98
38) Carbon Tetrachloride	8.073	117	12979	2.30	ug/l	92
39) Methylcyclohexane	9.335	83	17013	2.40	ug/l	95
40) Benzene	8.323	78	45946	2.57	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	3056	2.26	ug/l	97
42) 1,2-Dichloroethane	8.397	62	14179	2.67	ug/l	96
43) Isopropyl Acetate	8.427	43	11331	2.45	ug/l	98
44) Trichloroethene	9.092	130	11380	2.47	ug/l	91
45) 1,2-Dichloropropane	9.372	63	11025	2.55	ug/l	97
46) Dibromomethane	9.457	93	5590	2.38	ug/l	94
47) Bromodichloromethane	9.646	83	13939	2.39	ug/l	99
48) Methyl methacrylate	9.439	41	4895	2.31	ug/l	94
49) 1,4-Dioxane	9.457	88	1405	52.46	ug/l #	86
51) 4-Methyl-2-Pentanone	10.213	43	29525	12.34	ug/l	100
52) Toluene	10.390	92	28529	2.52	ug/l	97
53) t-1,3-Dichloropropene	10.610	75	12873	2.24	ug/l	92
54) cis-1,3-Dichloropropene	10.073	75	15276	2.23	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	8210	2.53	ug/l	96
56) Ethyl methacrylate	10.646	69	9200	2.26	ug/l	95
57) 1,3-Dichloropropane	10.933	76	14329	2.47	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	22260	10.55	ug/l	99
59) 2-Hexanone	10.969	43	17058	10.73	ug/l	96
60) Dibromochloromethane	11.128	129	8055	2.22	ug/l	95
61) 1,2-Dibromoethane	11.238	107	7838	2.51	ug/l	94
64) Tetrachloroethene	10.866	164	9492	2.50	ug/l	97
65) Chlorobenzene	11.658	112	30724	2.58	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.731	131	9330	2.30	ug/l	97
67) Ethyl Benzene	11.731	91	53725	2.44	ug/l	95
68) m/p-Xylenes	11.841	106	39749	4.80	ug/l	97
69) o-Xylene	12.164	106	17906	2.32	ug/l	96
70) Styrene	12.182	104	28814	2.20	ug/l	99
71) Bromoform	12.347	173	4176	2.05	ug/l #	98
73) Isopropylbenzene	12.463	105	48992	2.41	ug/l	100
74) N-amyl acetate	12.274	43	9740	2.32	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.713	83	9203	2.53	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	6298m	2.40	ug/l	
77) Bromobenzene	12.749	156	11658	2.60	ug/l	96
78) n-propylbenzene	12.804	91	63609	2.56	ug/l	98
79) 2-Chlorotoluene	12.890	91	37092	2.62	ug/l	99
80) 1,3,5-Trimethylbenzene	12.945	105	42183	2.44	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	2177m	2.03	ug/l	
82) 4-Chlorotoluene	12.987	91	38431	2.56	ug/l	99
83) tert-Butylbenzene	13.207	119	35877	2.47	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	42542	2.48	ug/l	99
85) sec-Butylbenzene	13.383	105	52936	2.45	ug/l	100
86) p-Isopropyltoluene	13.499	119	45558	2.44	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	23732	2.59	ug/l	96
88) 1,4-Dichlorobenzene	13.579	146	25164	2.79	ug/l	92
89) n-Butylbenzene	13.822	91	44543	2.42	ug/l	98
90) Hexachloroethane	14.091	117	7278	2.48	ug/l	92
91) 1,2-Dichlorobenzene	13.871	146	20892	2.58	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.487	75	1569	2.70	ug/l	91
93) 1,2,4-Trichlorobenzene	15.133	180	15585	2.87	ug/l	96
94) Hexachlorobutadiene	15.231	225	8132	2.60	ug/l	91
95) Naphthalene	15.359	128	26267	2.66	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	13749	2.93	ug/l	99

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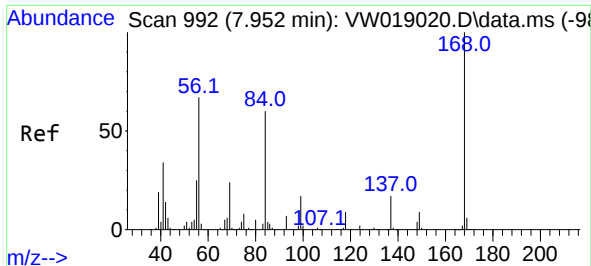
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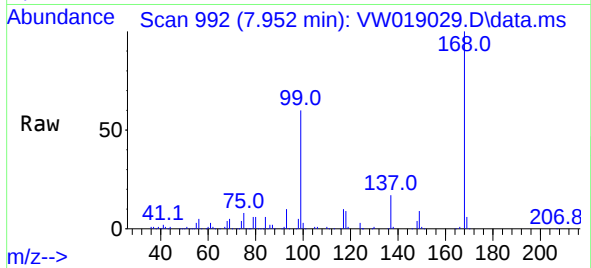
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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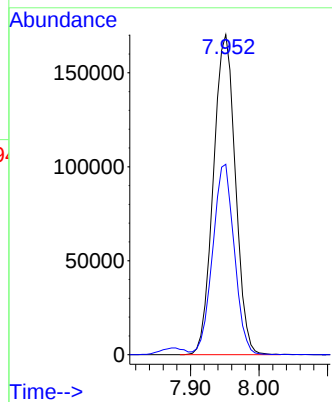
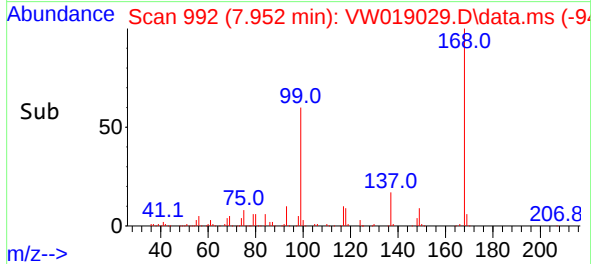
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#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.000 min
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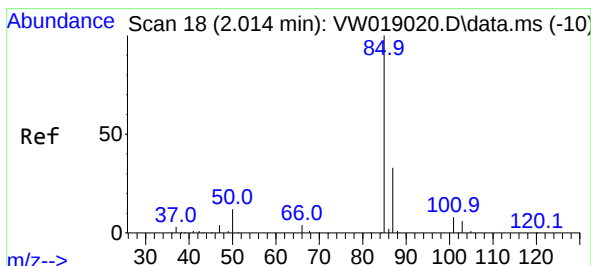
Tgt Ion:168 Resp: 379616
Ion Ratio Lower Upper
168 100
99 59.5 48.8 73.2



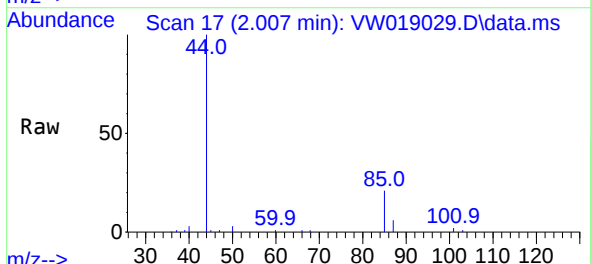
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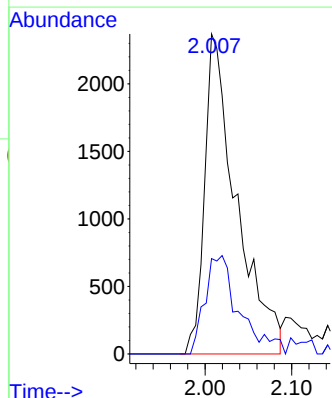
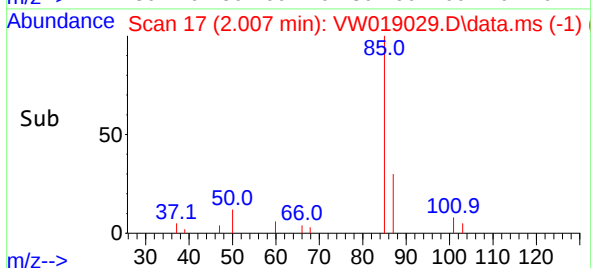
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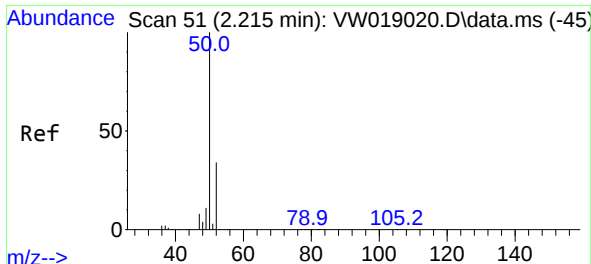


#2
Dichlorodifluoromethane
Concen: 2.36 ug/l
RT: 2.007 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



Tgt Ion: 85 Resp: 6036
Ion Ratio Lower Upper
85 100
87 29.8 16.7 50.0





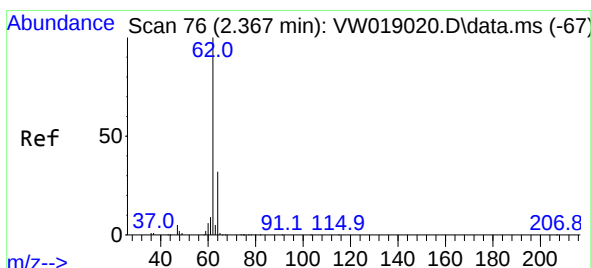
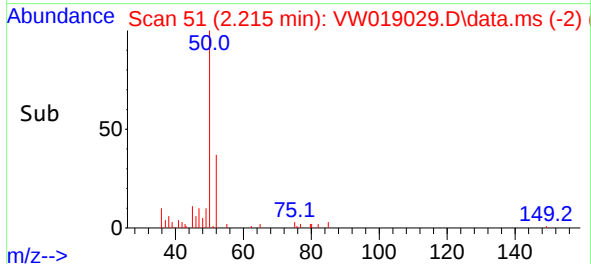
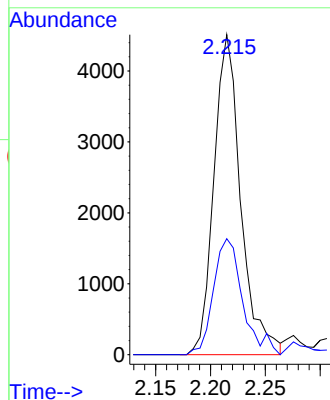
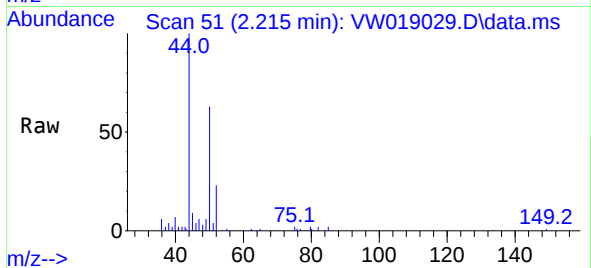
#3
Chloromethane
Concen: 2.71 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

Tgt Ion: 50 Resp: 7682
Ion Ratio Lower Upper
50 100
52 36.3 26.9 40.3

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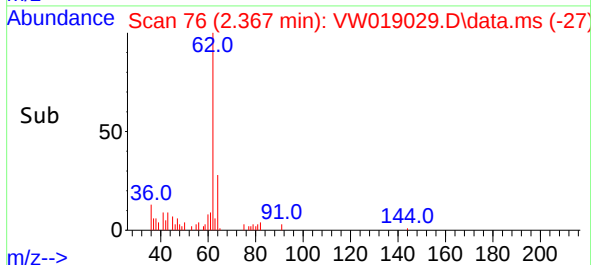
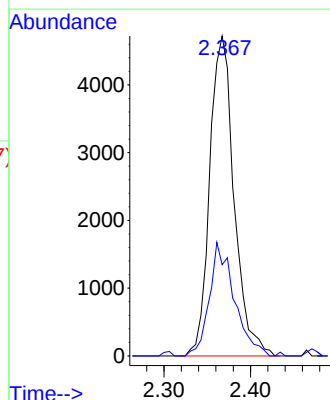
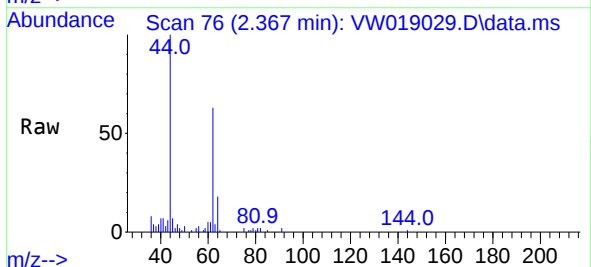
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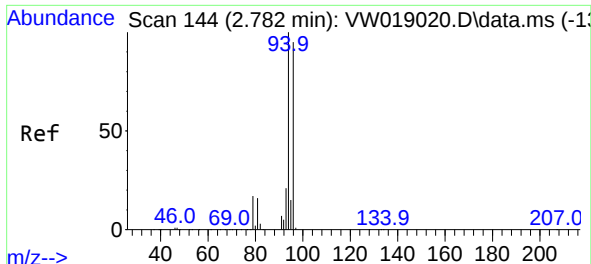
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#4
Vinyl Chloride
Concen: 2.22 ug/l
RT: 2.367 min Scan# 76
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

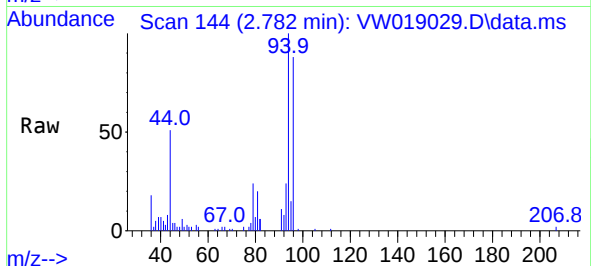
Tgt Ion: 62 Resp: 9230
Ion Ratio Lower Upper
62 100
64 28.5 25.3 37.9





#5
Bromomethane
Concen: 2.76 ug/l
RT: 2.782 min Scan# 144
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

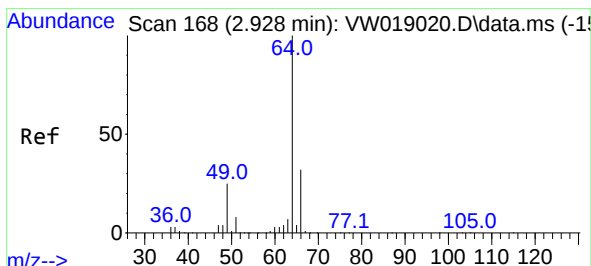
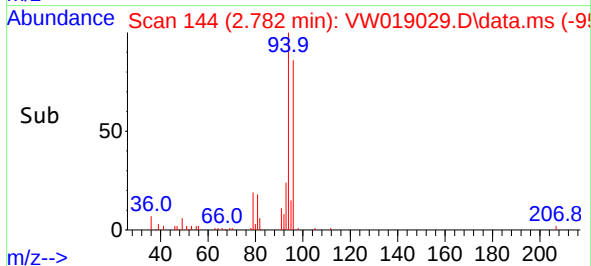
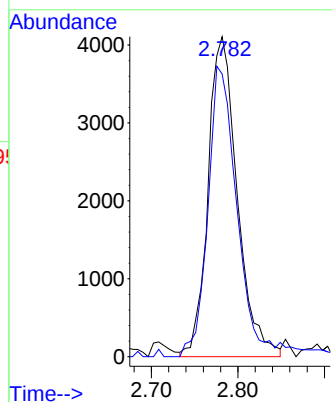
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Tgt Ion: 94 Resp: 9627
Ion Ratio Lower Upper
94 100
96 89.6 76.4 114.6

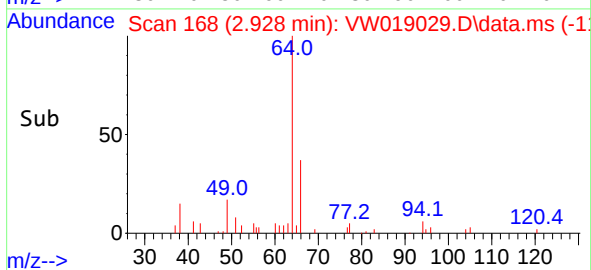
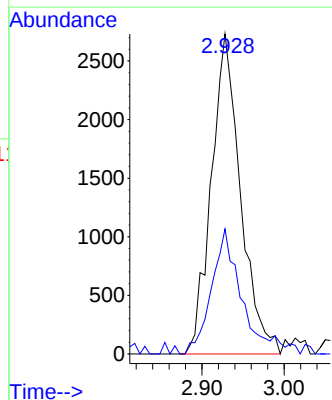
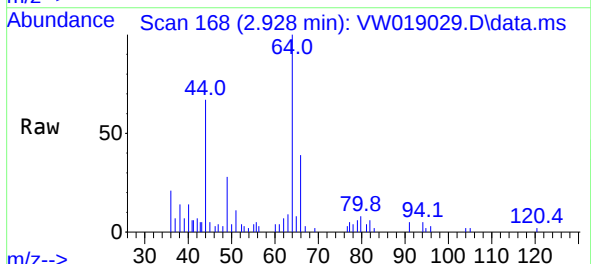
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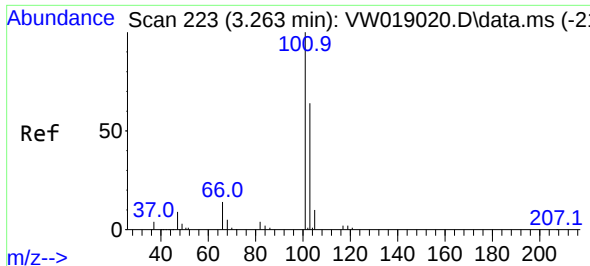
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#6
Chloroethane
Concen: 2.36 ug/l
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
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Acq: 18 May 2021 20:42

Tgt Ion: 64 Resp: 6748
Ion Ratio Lower Upper
64 100
66 39.0 25.9 38.9#





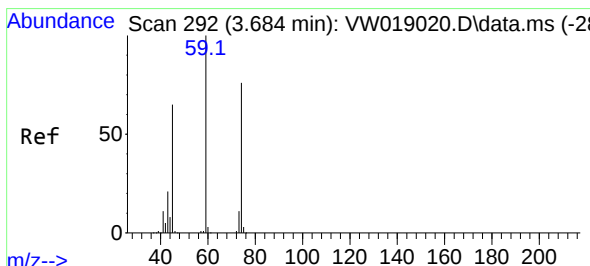
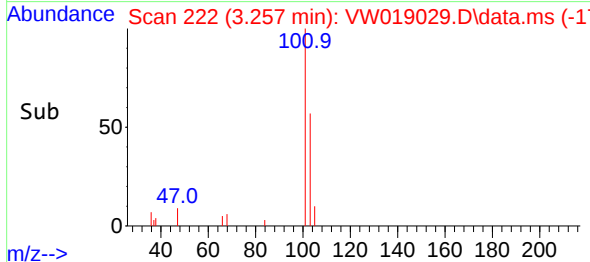
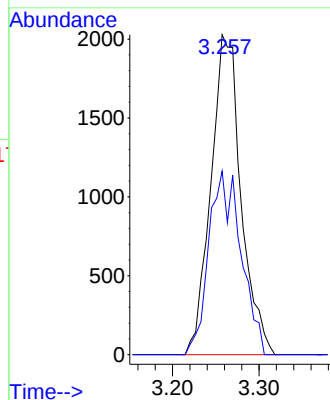
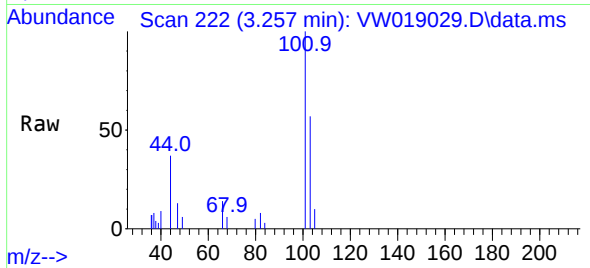
#7
Trichlorofluoromethane
Concen: 2.14 ug/l
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

Tgt Ion: 101 Resp: 4903
Ion Ratio Lower Upper
101 100
103 57.3 51.4 77.2

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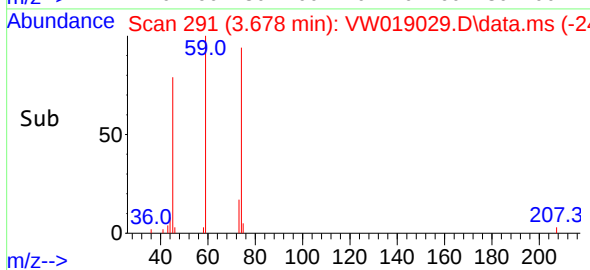
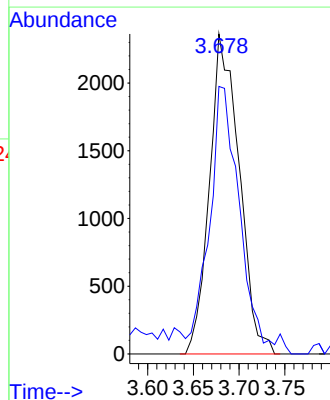
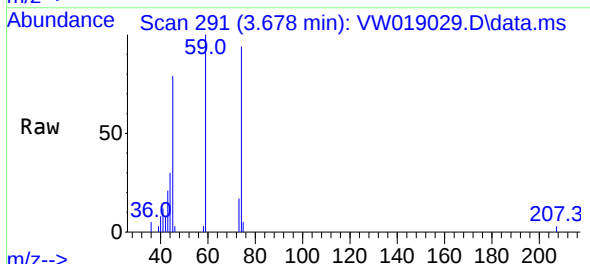
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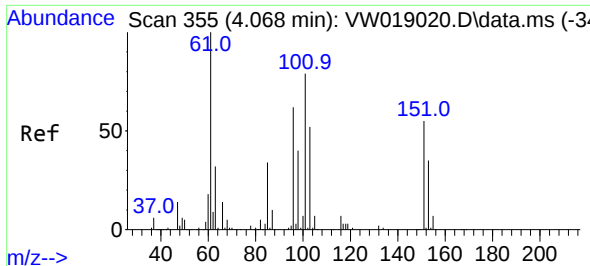
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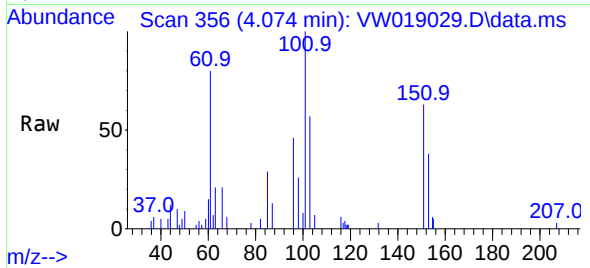
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Diethyl Ether
Concen: 2.67 ug/l
RT: 3.678 min Scan# 291
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 5329
Ion Ratio Lower Upper
74 100
45 78.9 43.3 129.8

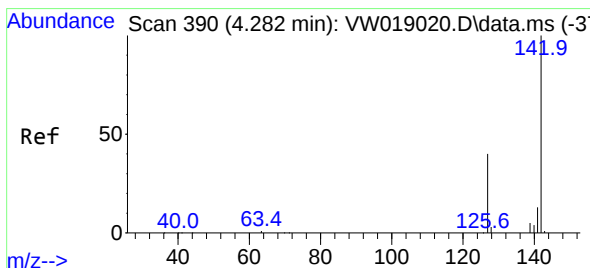
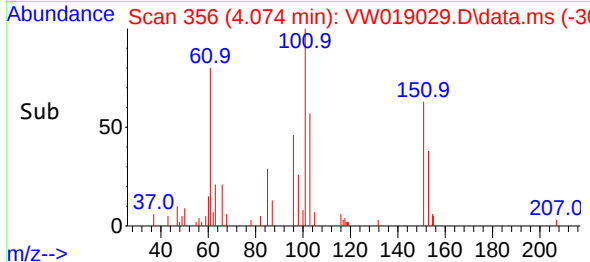
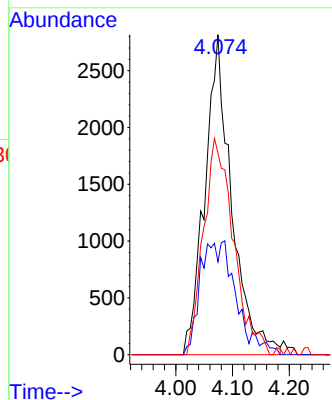




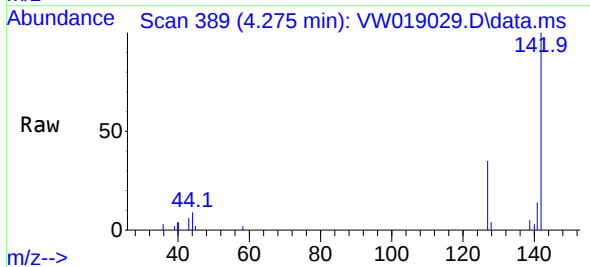
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.49 ug/l
RT: 4.074 min Scan# 356
Delta R.T. 0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



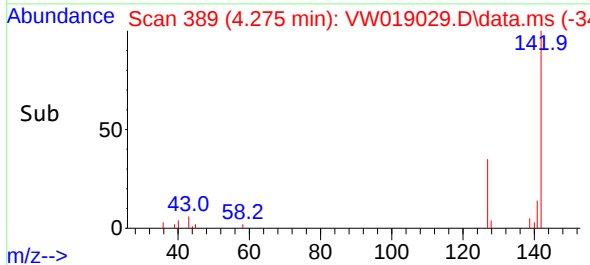
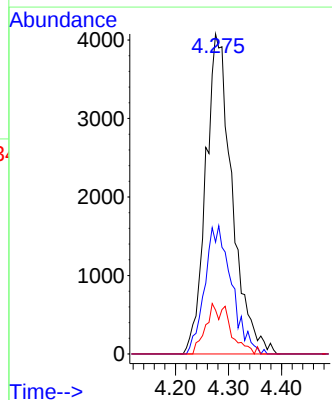
Tgt Ion:101 Resp: 9247
Ion Ratio Lower Upper
101 100
85 24.4 35.9 53.9#
151 75.4 59.8 89.6



#10
Methyl Iodide
Concen: 2.58 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



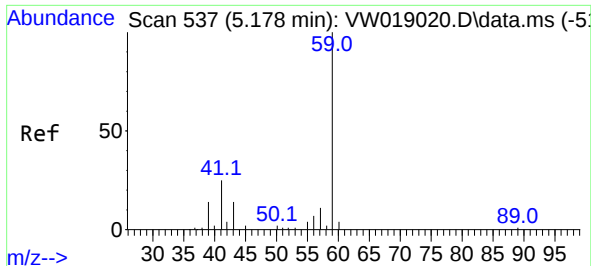
Tgt Ion:142 Resp: 14013
Ion Ratio Lower Upper
142 100
127 41.1 33.7 50.5
141 7.7 11.2 16.8#



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

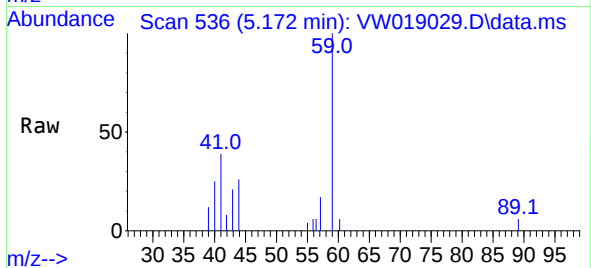
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#11
Tert butyl alcohol
Concen: 25.64 ug/l
RT: 5.172 min Scan# 536
Delta R.T. -0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

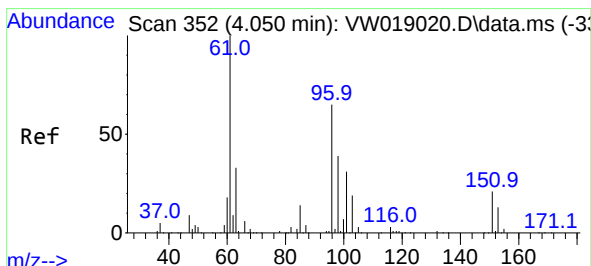
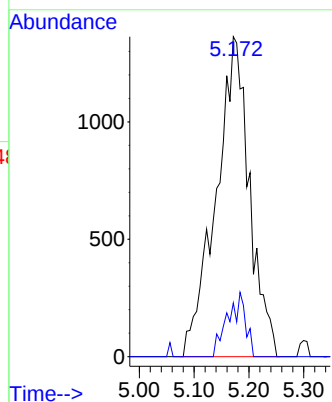
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



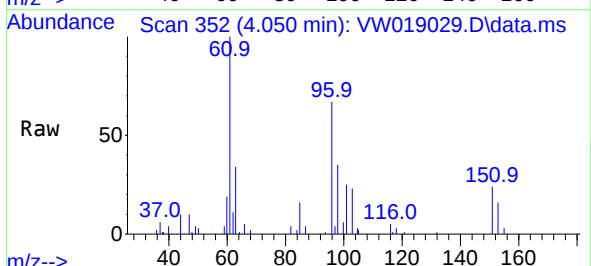
Tgt Ion: 59 Resp: 5781
Ion Ratio Lower Upper
59 100
57 10.8 8.9 13.3

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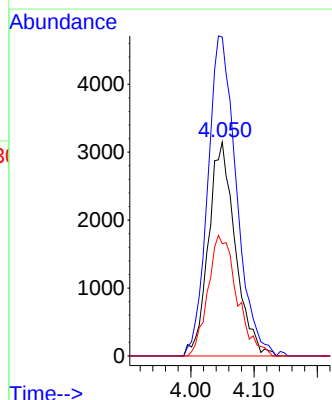
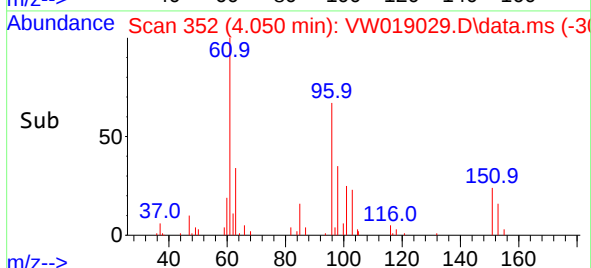
MMDadoda
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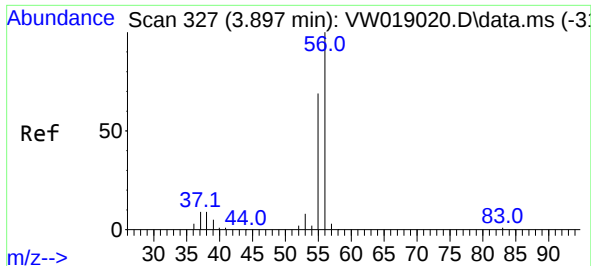


#12
1,1-Dichloroethene
Concen: 2.45 ug/l
RT: 4.050 min Scan# 352
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

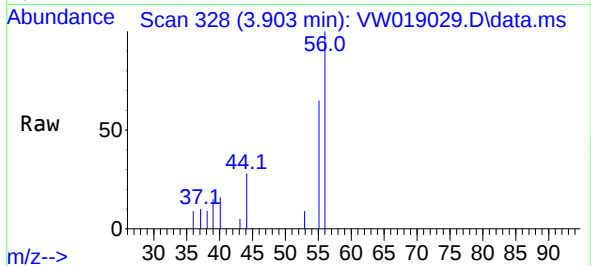


Tgt Ion: 96 Resp: 9262
Ion Ratio Lower Upper
96 100
61 149.0 123.0 184.4
98 52.5 47.5 71.3

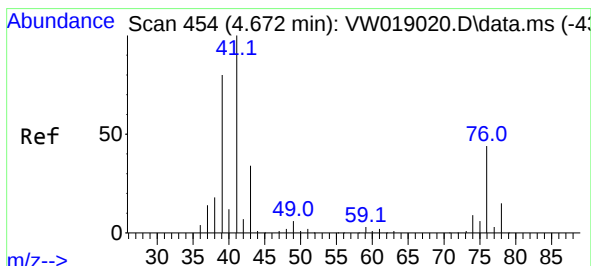
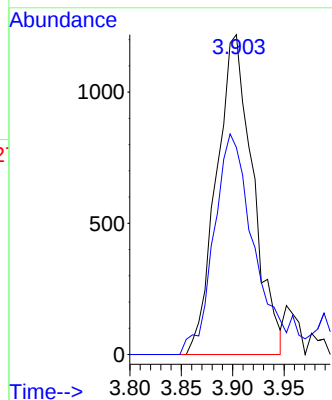
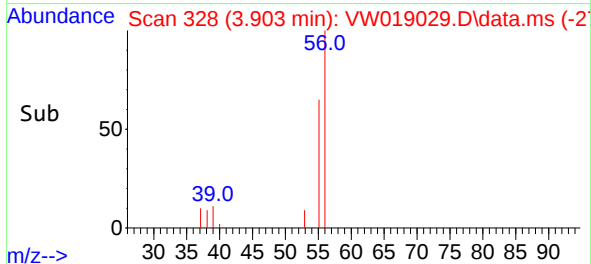




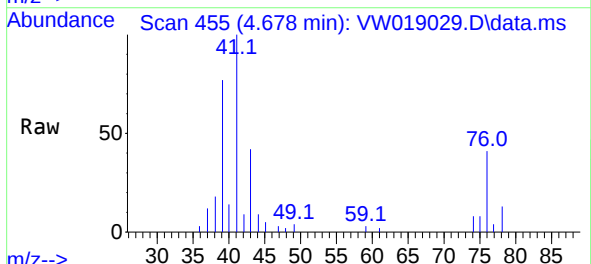
#13
Acrolein
Concen: 11.74 ug/l
RT: 3.903 min Scan# 328
Delta R.T. 0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



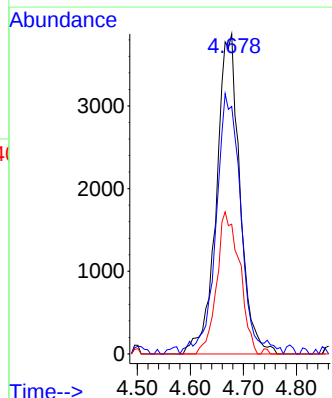
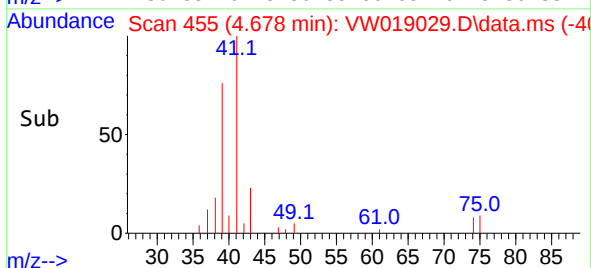
Tgt Ion: 56 Resp: 3003
Ion Ratio Lower Upper
56 100
55 78.4 56.7 85.1



#14
Allyl chloride
Concen: 2.42 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



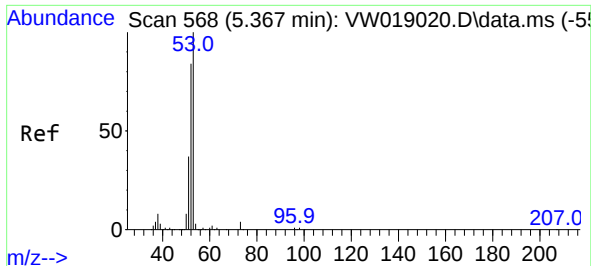
Tgt Ion: 41 Resp: 11900
Ion Ratio Lower Upper
41 100
39 86.4 63.9 95.9
76 43.1 35.1 52.7



Instrument :
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ClientSampleId :
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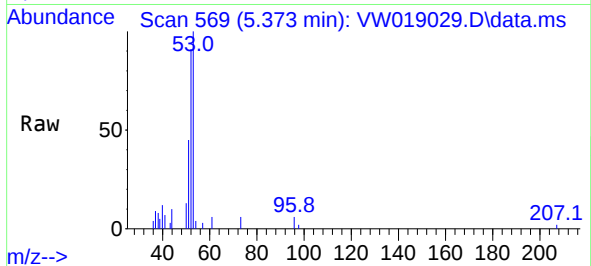
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#15
Acrylonitrile
Concen: 12.31 ug/l
RT: 5.373 min Scan# 569
Delta R.T. 0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

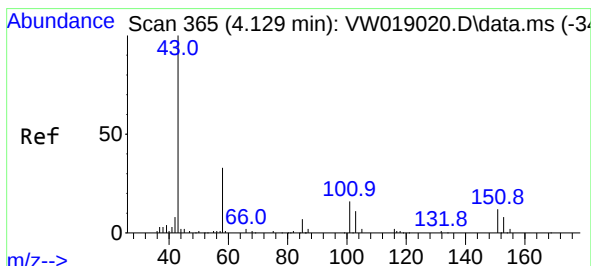
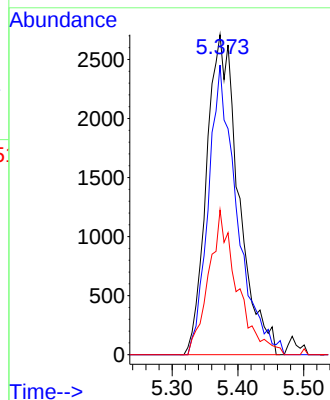
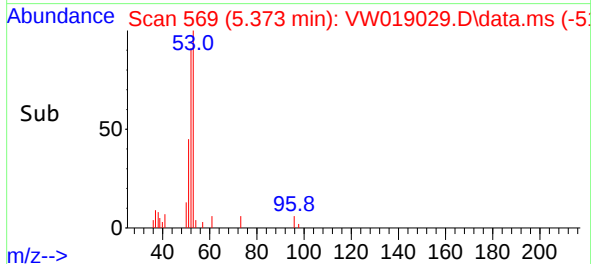
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



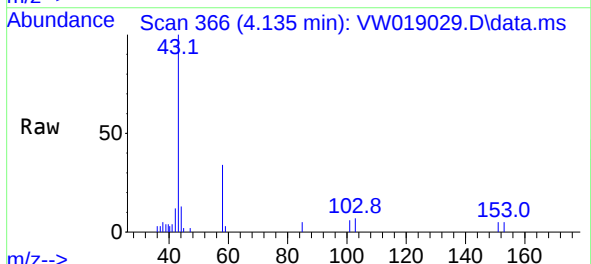
Tgt Ion: 53 Resp: 9201
Ion Ratio Lower Upper
53 100
52 80.9 66.5 99.7
51 40.2 29.8 44.8

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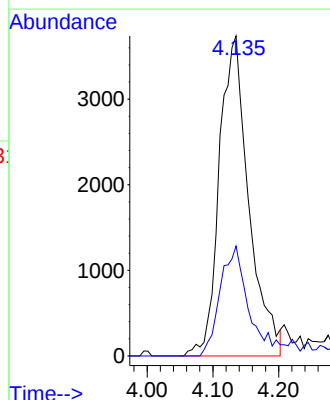
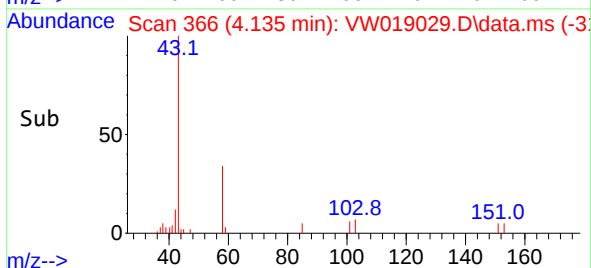
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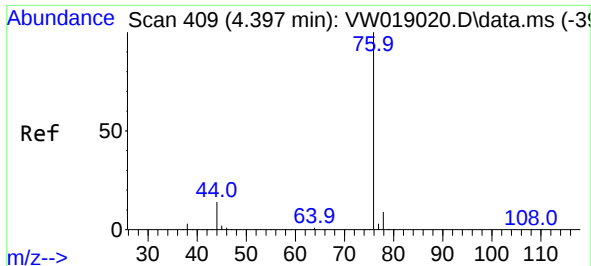


#16
Acetone
Concen: 19.15 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



Tgt Ion: 43 Resp: 11660
Ion Ratio Lower Upper
43 100
58 34.4 26.4 39.6





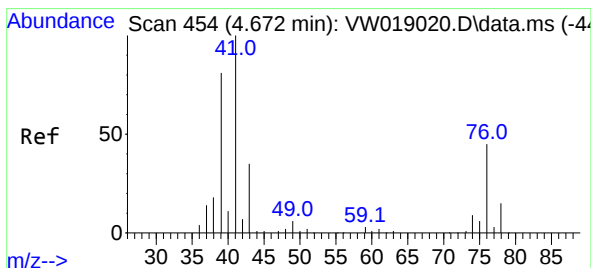
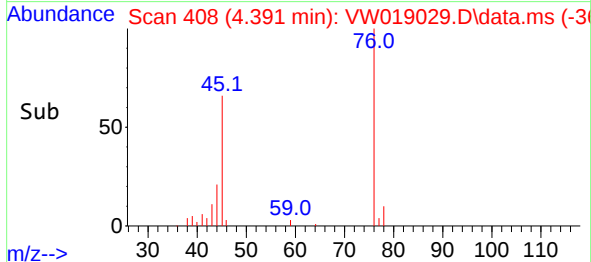
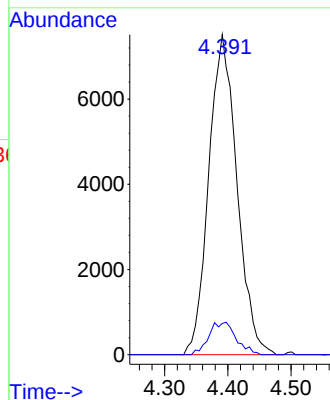
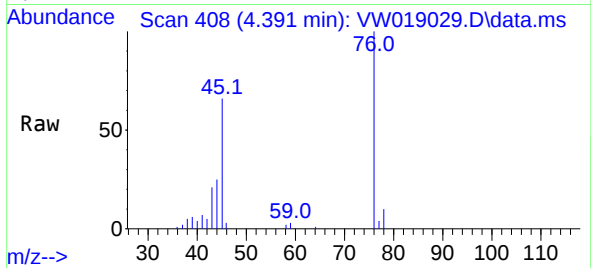
#17
Carbon Disulfide
Concen: 2.25 ug/l
RT: 4.391 min Scan# 408
Delta R.T. -0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

Tgt Ion: 76 Resp: 23214
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2

Instrument :
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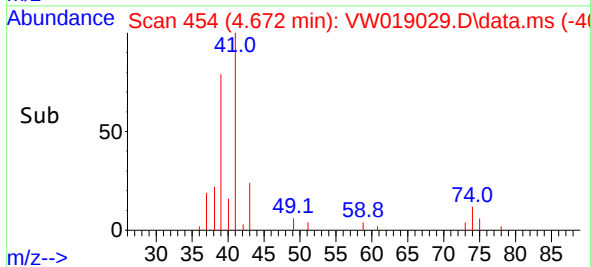
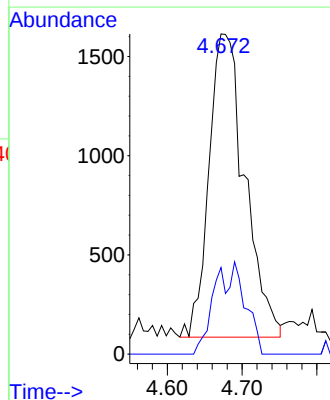
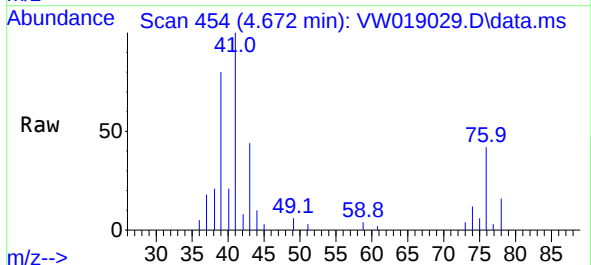
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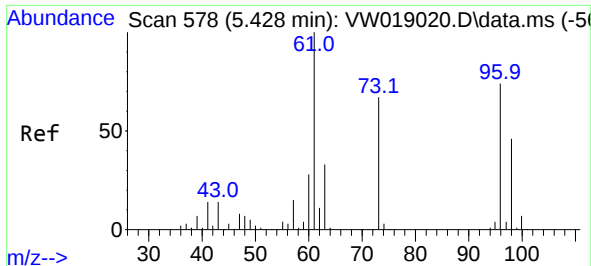
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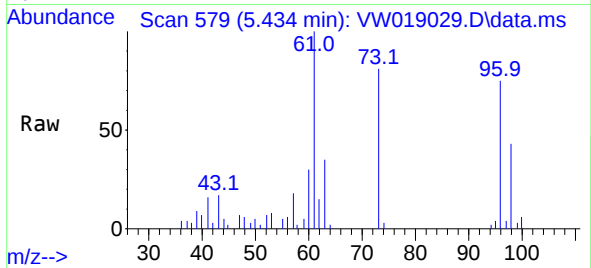
#18
Methyl Acetate
Concen: 2.85 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

Tgt Ion: 43 Resp: 5099
Ion Ratio Lower Upper
43 100
74 11.9 21.8 32.8#

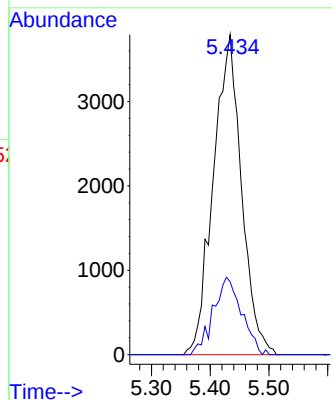




#19
Methyl tert-butyl Ether
Concen: 2.66 ug/l
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



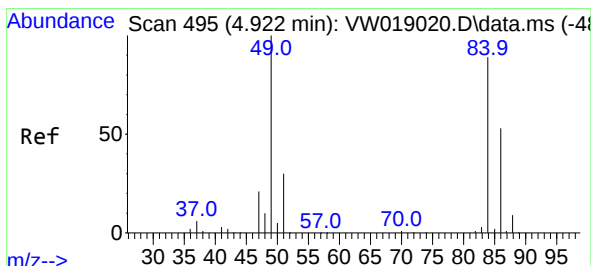
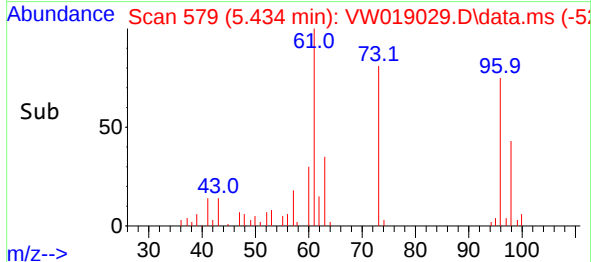
Tgt Ion: 73 Resp: 12638
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.0



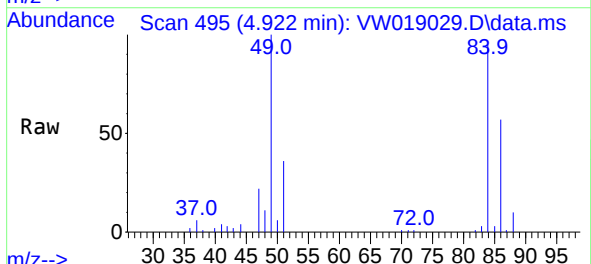
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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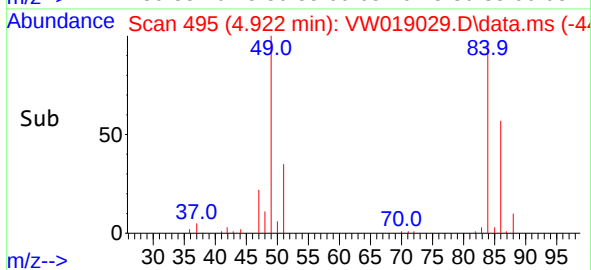
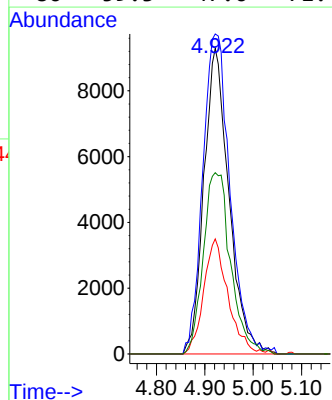
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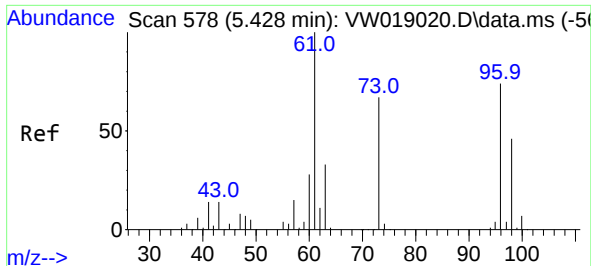


#20
Methylene Chloride
Concen: 6.13 ug/l
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

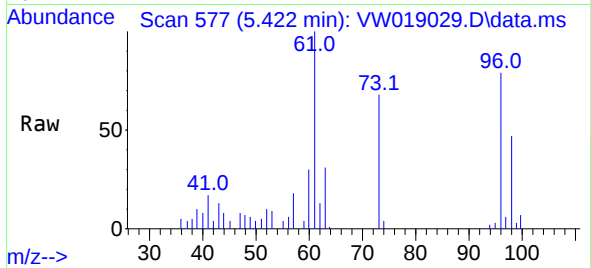


Tgt Ion: 84 Resp: 33483
Ion Ratio Lower Upper
84 100
49 104.7 90.4 135.6
51 37.7 27.1 40.7
86 59.3 47.6 71.4



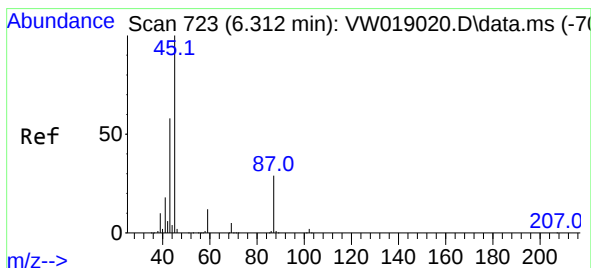
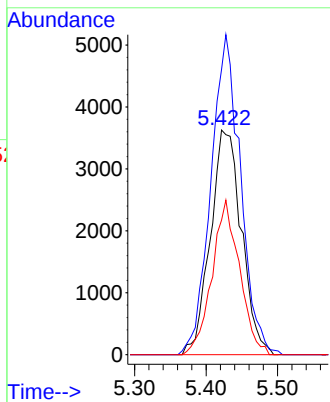
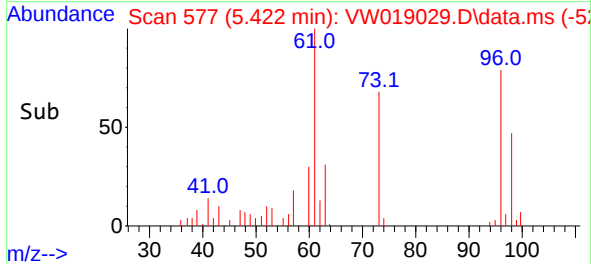


#21
trans-1,2-Dichloroethene
Concen: 2.54 ug/l
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

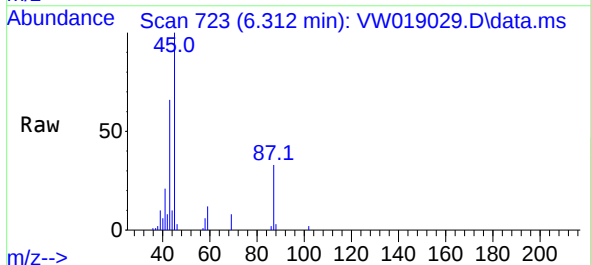


Tgt Ion: 96 Resp: 10957

Ion	Ratio	Lower	Upper
96	100		
61	127.0	108.5	162.7
98	59.9	49.4	74.0

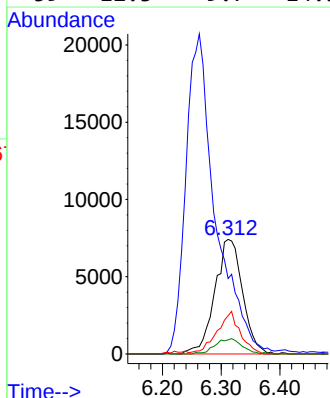
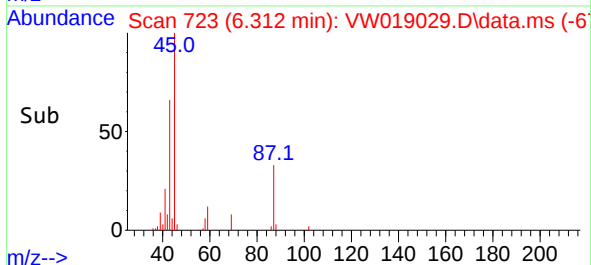


#22
Diisopropyl ether
Concen: 2.43 ug/l
RT: 6.312 min Scan# 723
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



Tgt Ion: 45 Resp: 24297

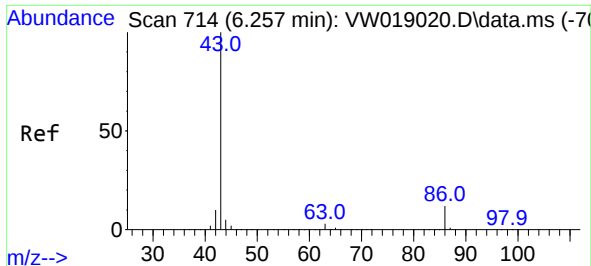
Ion	Ratio	Lower	Upper
45	100		
43	63.0	46.1	69.1
87	33.4	23.4	35.2
59	12.3	9.7	14.5



Instrument :
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ClientSampleId :
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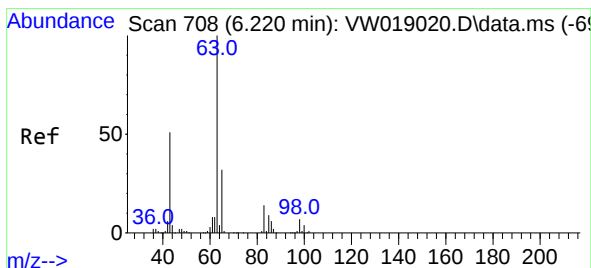
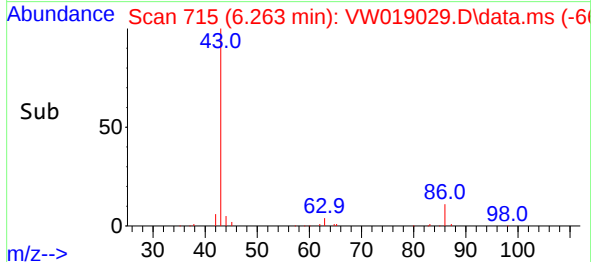
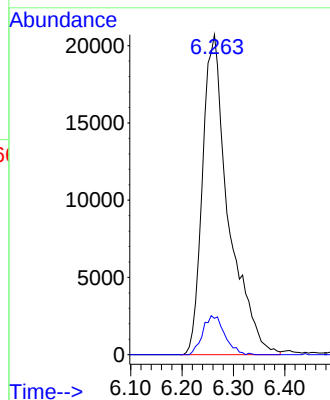
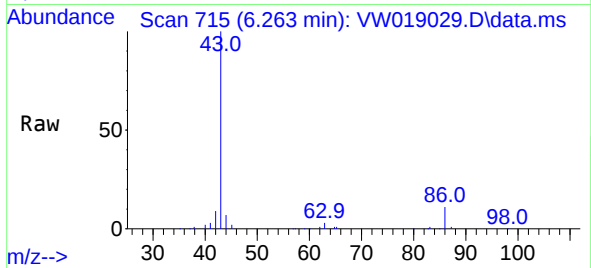
#23
 Vinyl Acetate
 Concen: 10.83 ug/l
 RT: 6.263 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW019029.D
 Acq: 18 May 2021 20:42

Tgt Ion: 43 Resp: 72894
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.6 14.4

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

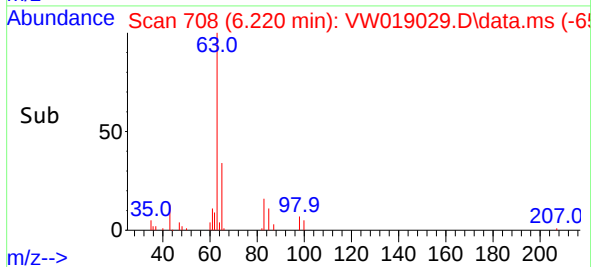
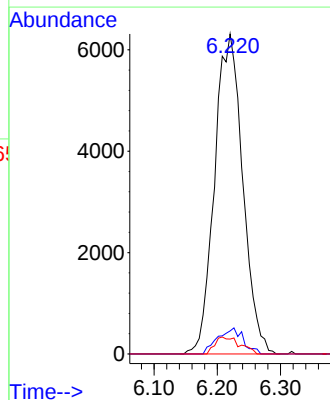
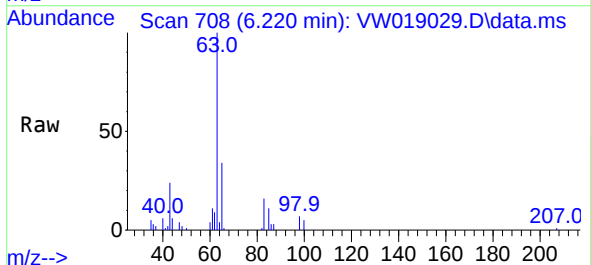
Manual Integrations
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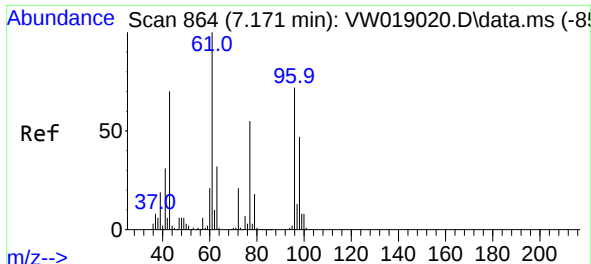
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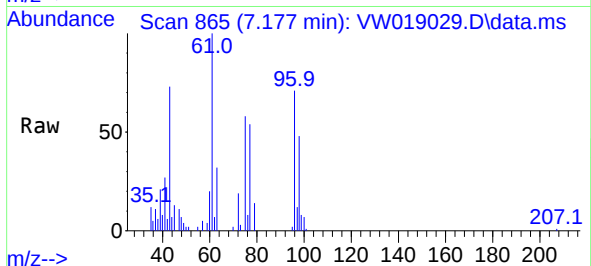
#24
 1,1-Dichloroethane
 Concen: 2.52 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. -0.000 min
 Lab File: VW019029.D
 Acq: 18 May 2021 20:42

Tgt Ion: 63 Resp: 19501
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.7 2.3 6.8

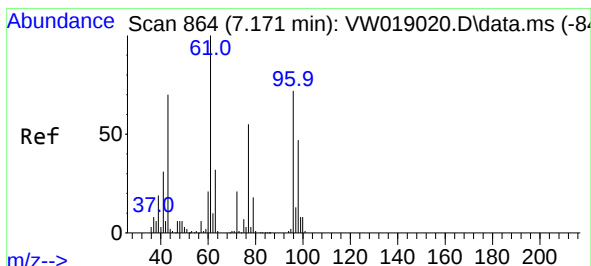
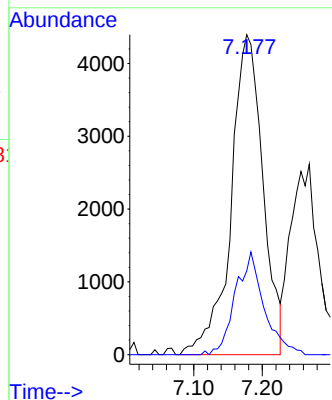
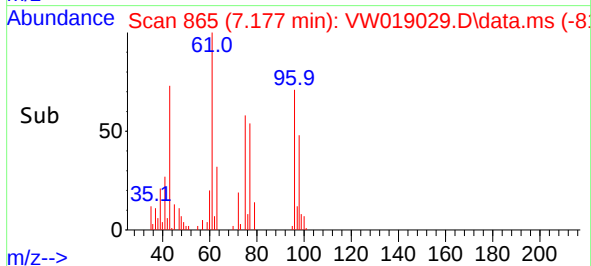




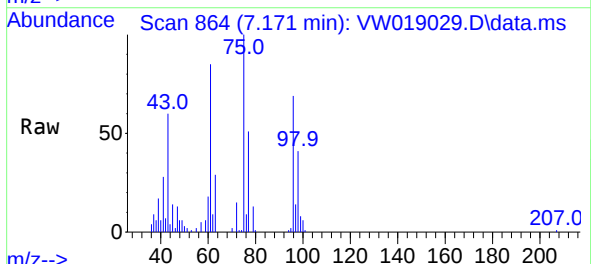
#25
2-Butanone
Concen: 14.25 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



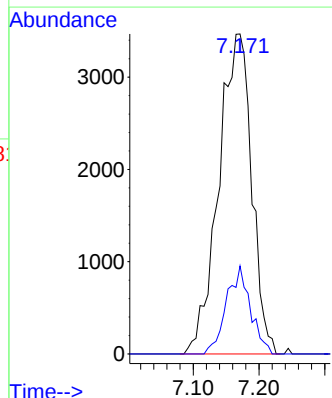
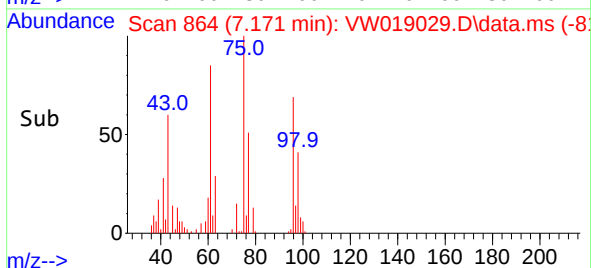
Tgt Ion: 43 Resp: 14247
Ion Ratio Lower Upper
43 100
72 26.2 24.0 36.0



#26
2,2-Dichloropropane
Concen: 2.90 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



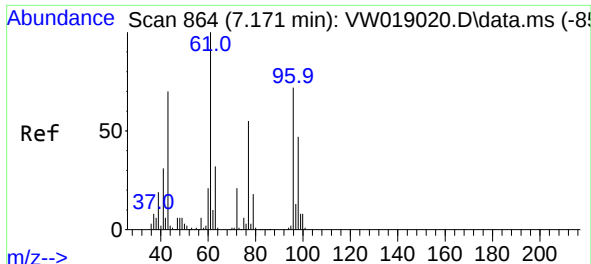
Tgt Ion: 77 Resp: 12109
Ion Ratio Lower Upper
77 100
97 20.0 11.8 35.3



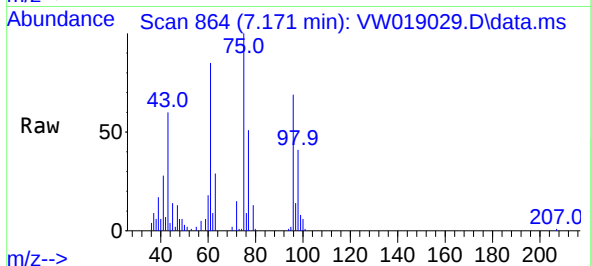
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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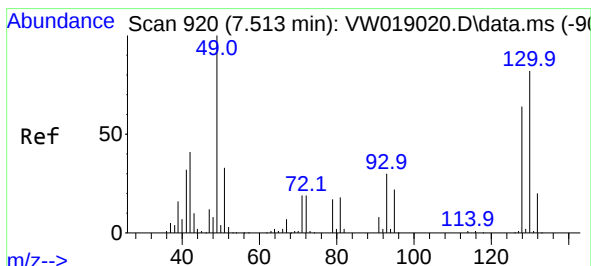
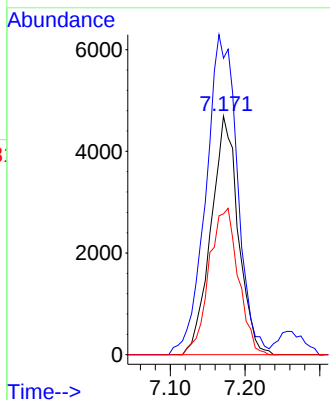
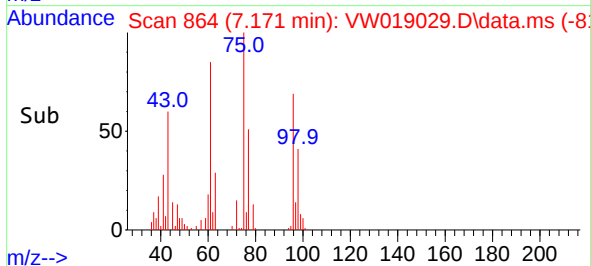
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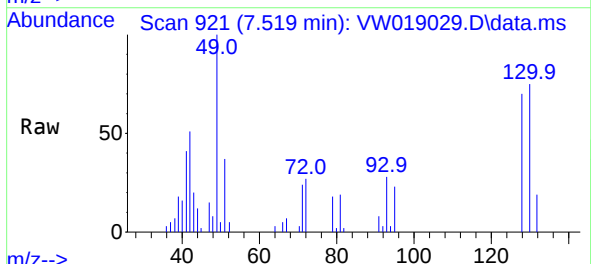
#27
cis-1,2-Dichloroethene
Concen: 2.48 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



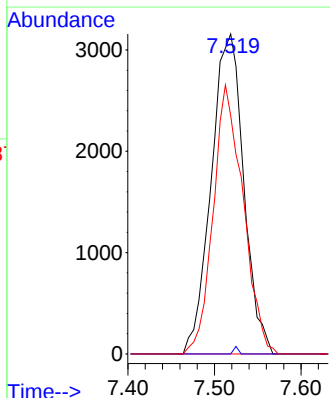
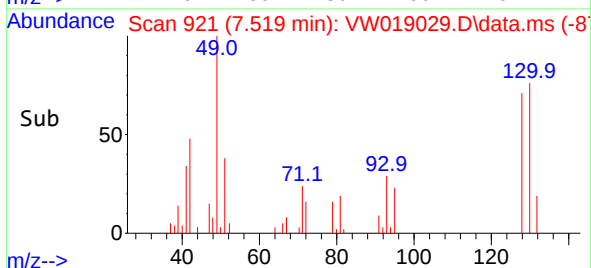
Tgt Ion: 96 Resp: 11910
Ion Ratio Lower Upper
96 100
61 155.0 0.0 281.2
98 65.9 0.0 127.4



#28
Bromochloromethane
Concen: 2.61 ug/l
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



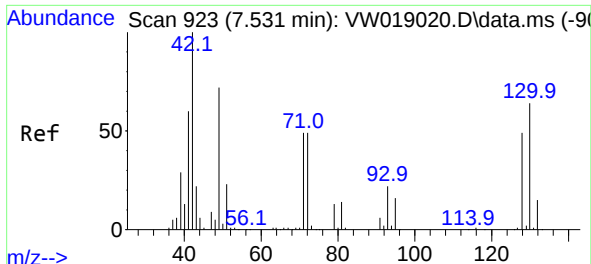
Tgt Ion: 49 Resp: 8230
Ion Ratio Lower Upper
49 100
129 0.3 0.0 4.4
130 77.4 63.0 94.4



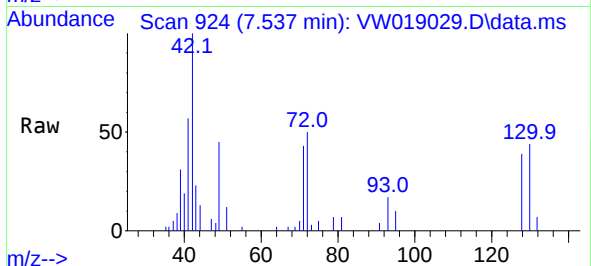
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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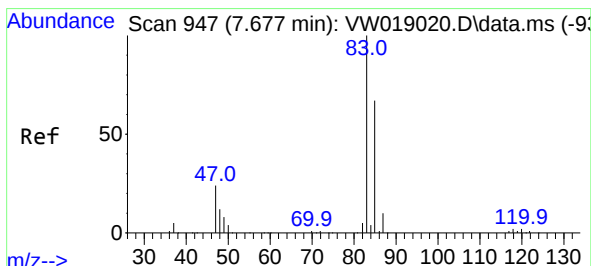
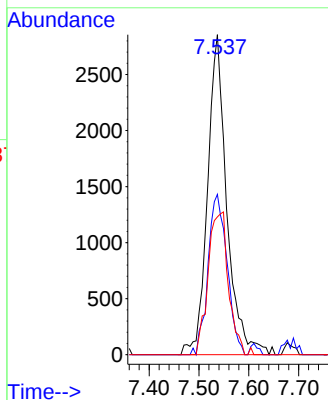
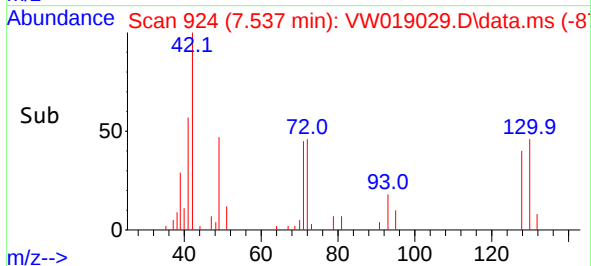


#29
Tetrahydrofuran
Concen: 13.15 ug/l
RT: 7.537 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

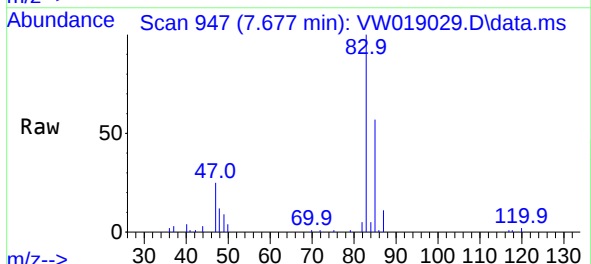


Tgt Ion: 42 Resp: 7692

Ion	Ratio	Lower	Upper
42	100		
72	49.4	40.1	60.1
71	46.6	38.3	57.5

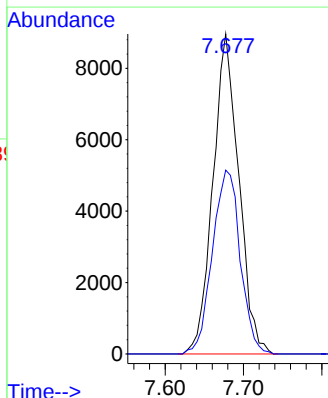
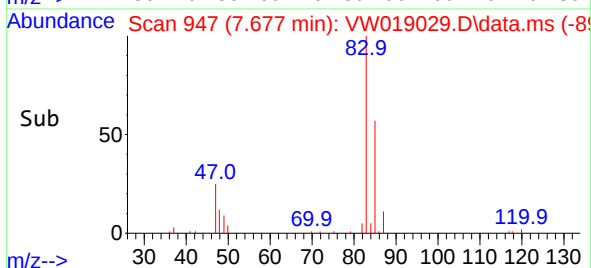


#30
Chloroform
Concen: 2.61 ug/l
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



Tgt Ion: 83 Resp: 20547

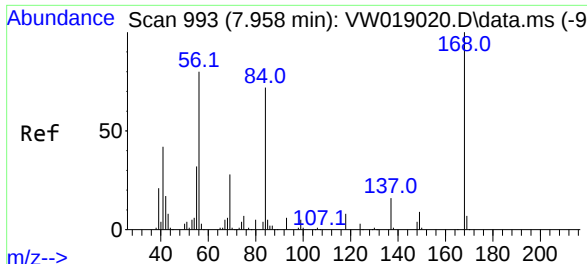
Ion	Ratio	Lower	Upper
83	100		
85	57.4	53.4	80.0



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

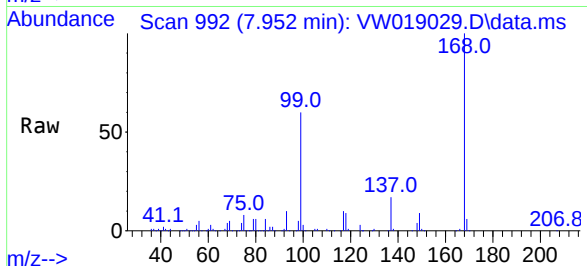
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#31
Cyclohexane
Concen: 3.53 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

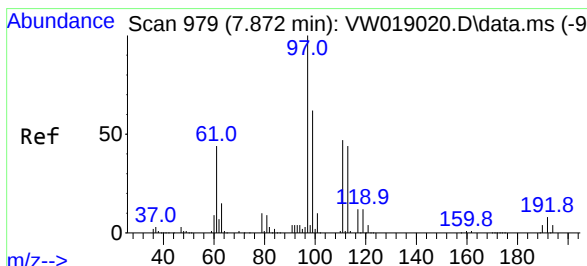
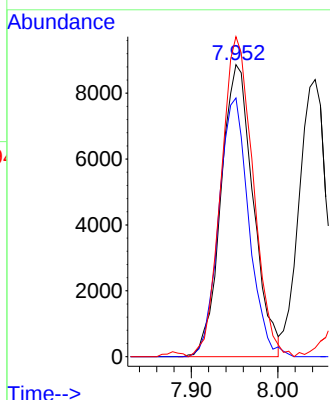
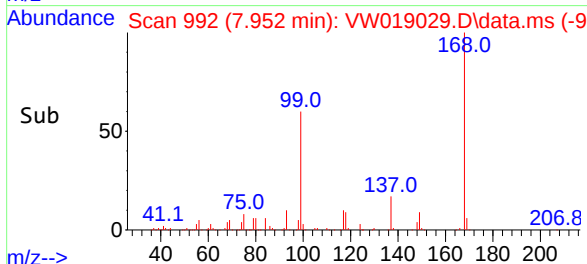
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



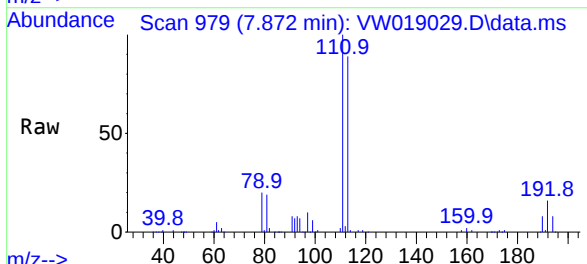
Tgt Ion: 56 Resp: 22903
Ion Ratio Lower Upper
56 100
69 88.6 28.4 42.6#
84 108.3 72.3 108.5

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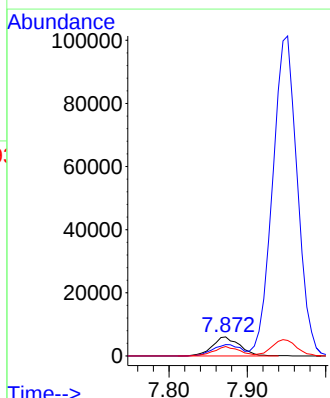
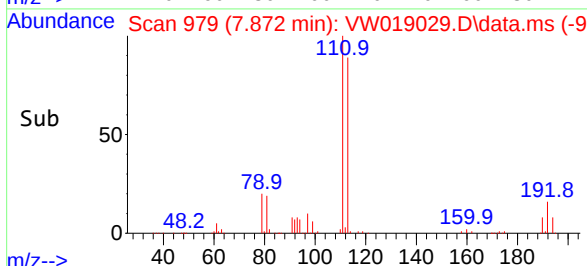
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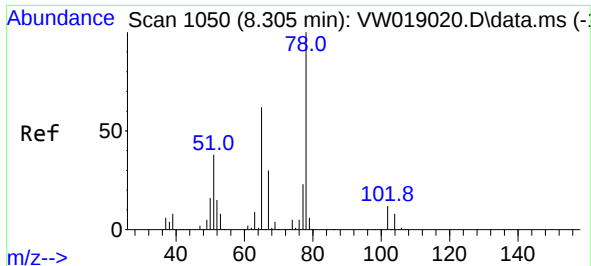


#32
1,1,1-Trichloroethane
Concen: 2.50 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

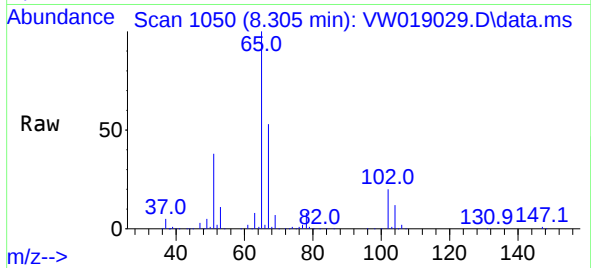


Tgt Ion: 97 Resp: 14603
Ion Ratio Lower Upper
97 100
99 59.6 52.2 78.4
61 46.3 36.7 55.1

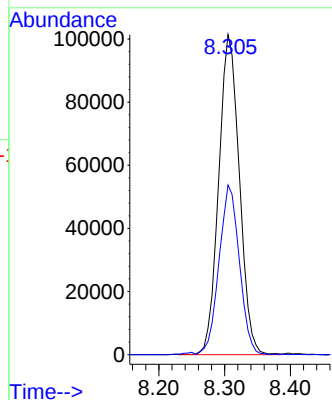
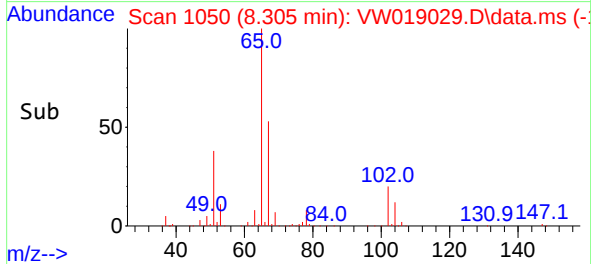




#33
1,2-Dichloroethane-d4
Concen: 57.30 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



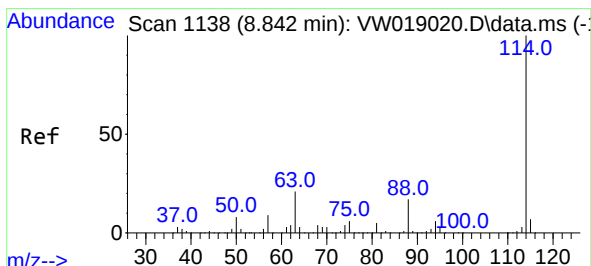
Tgt Ion: 65 Resp: 221886
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.0



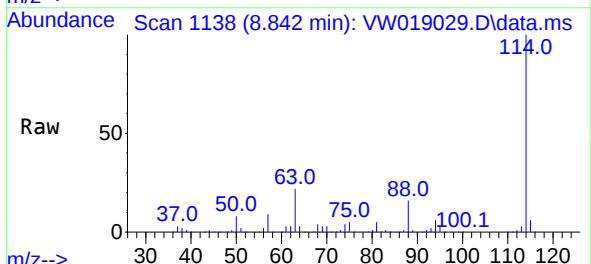
Instrument :
MSVOA_W
ClientSampleId :
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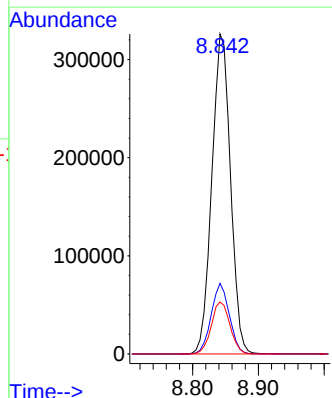
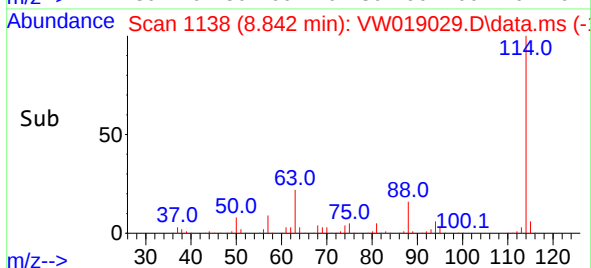
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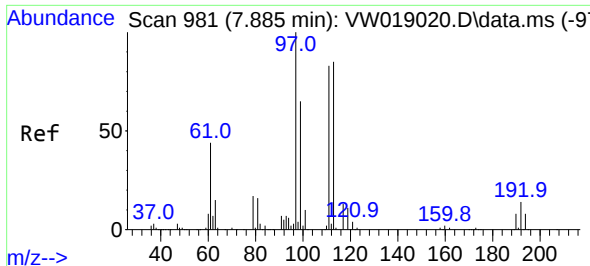


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

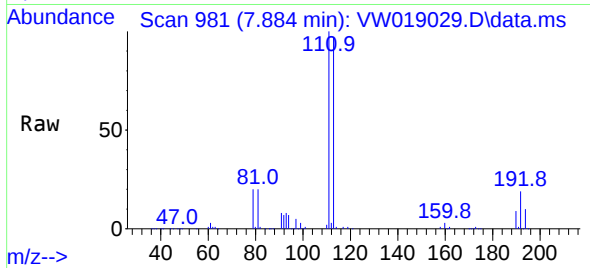


Tgt Ion: 114 Resp: 642676
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.4
88 16.2 0.0 33.2



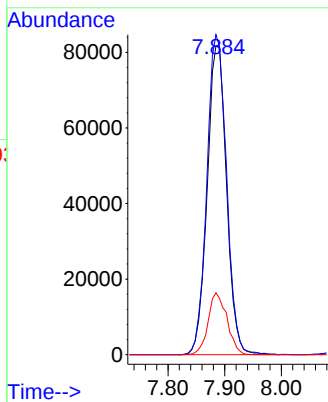
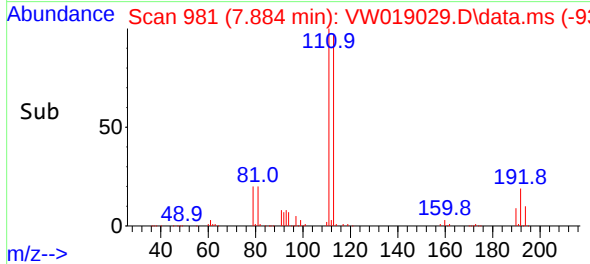


#35
Dibromofluoromethane
Concen: 54.28 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



Tgt Ion: 113 Resp: 194239

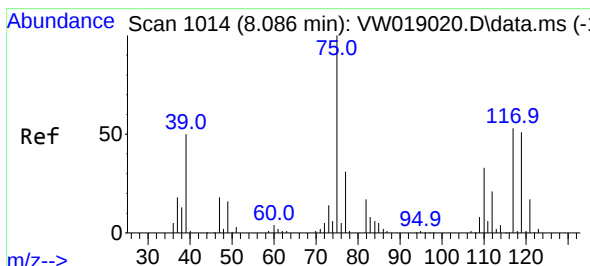
Ion	Ratio	Lower	Upper
113	100		
111	105.2	82.3	123.5
192	19.5	15.3	22.9



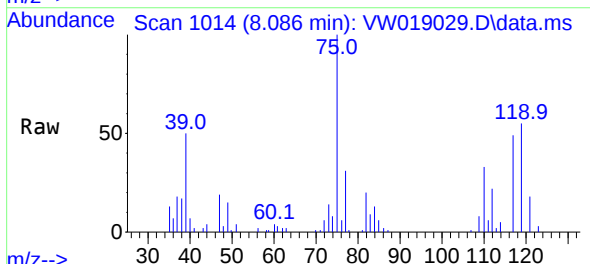
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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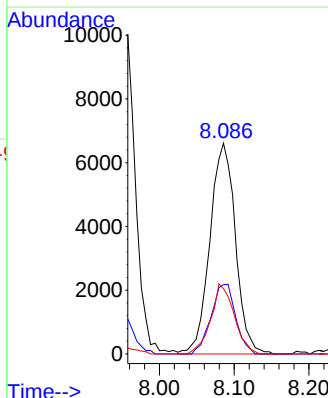
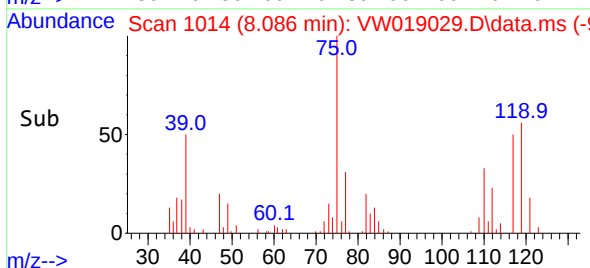


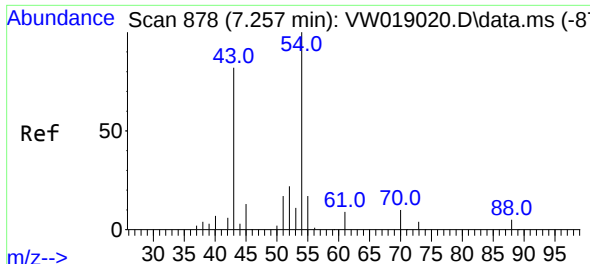
#36
1,1-Dichloropropene
Concen: 2.46 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



Tgt Ion: 75 Resp: 15723

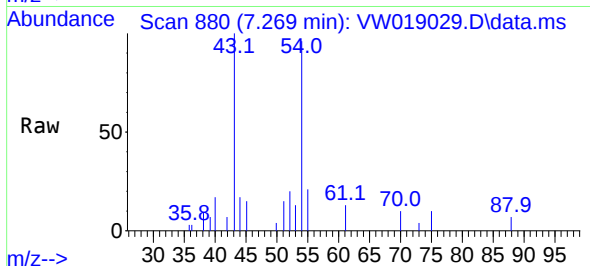
Ion	Ratio	Lower	Upper
75	100		
110	31.7	17.1	51.2
77	30.4	25.3	37.9





#37
Ethyl Acetate
Concen: 3.00 ug/l
RT: 7.269 min Scan# 880
Delta R.T. 0.012 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

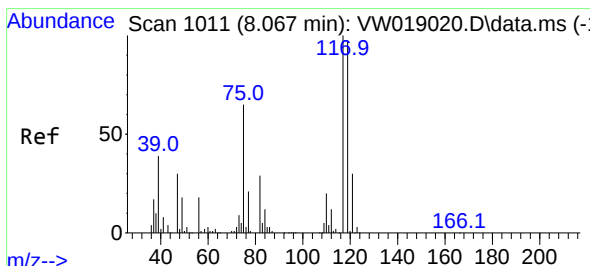
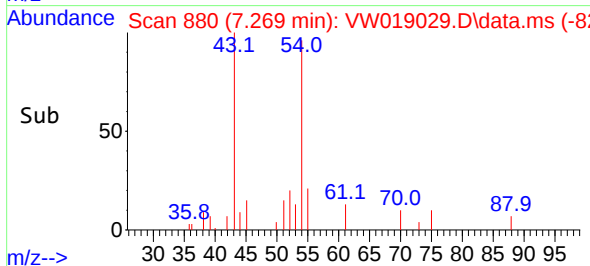
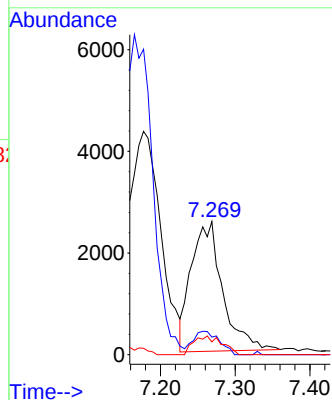
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion:	43	Resp:	7423
Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.2	18.4
70	13.1	9.5	14.3

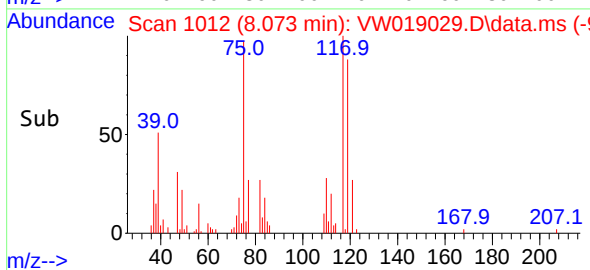
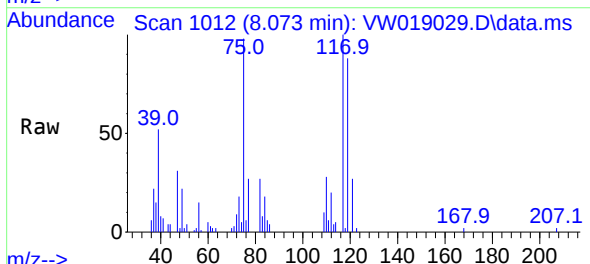
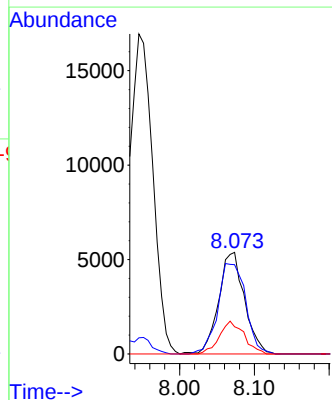
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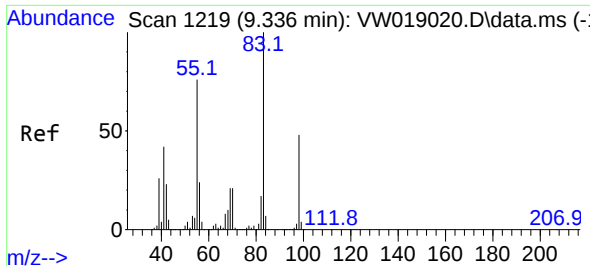
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#38
Carbon Tetrachloride
Concen: 2.30 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

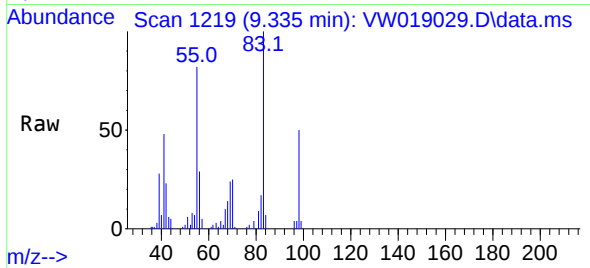
Tgt Ion:	117	Resp:	12979
Ion	Ratio	Lower	Upper
117	100		
119	88.0	77.4	116.0
121	26.8	23.6	35.4





#39
Methylcyclohexane
Concen: 2.40 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

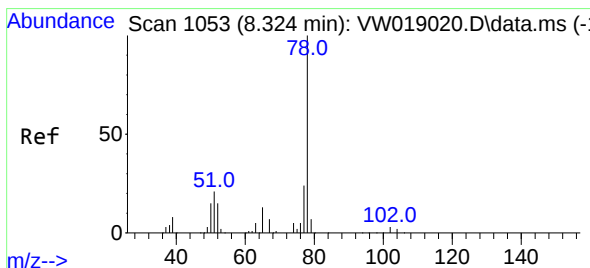
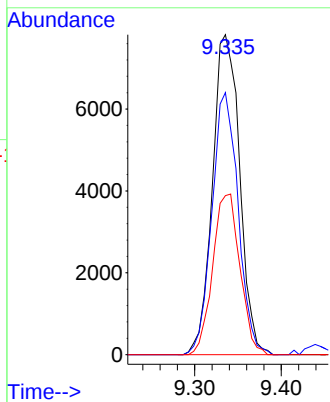
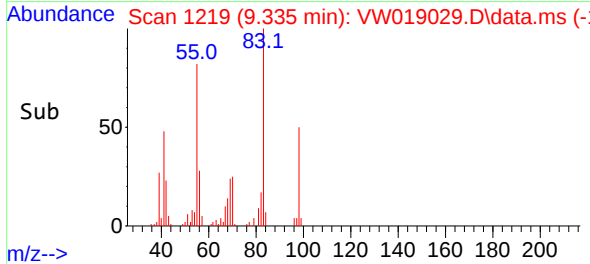
Instrument :
MSVOA_W
ClientSampleId :
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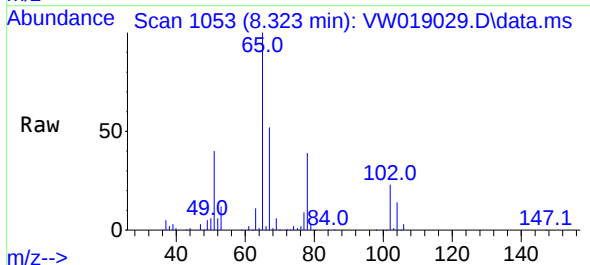
Tgt Ion: 83 Resp: 17013
Ion Ratio Lower Upper
83 100
55 81.9 60.9 91.3
98 49.7 38.4 57.6

Manual Integrations
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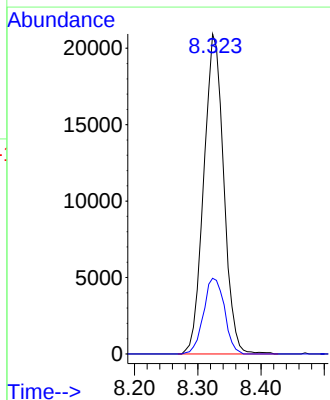
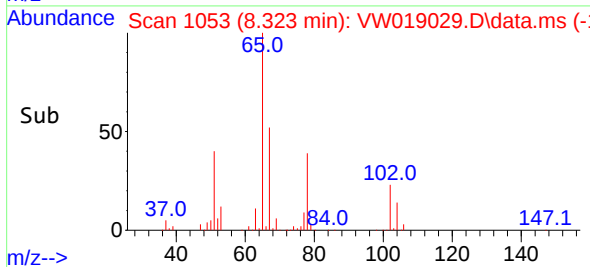
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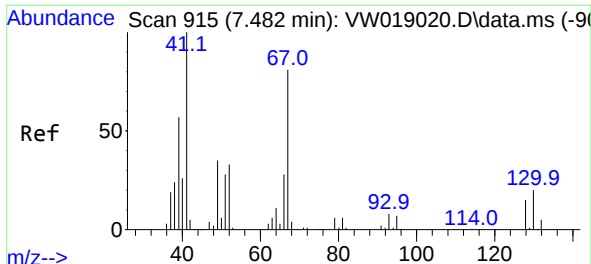


#40
Benzene
Concen: 2.57 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

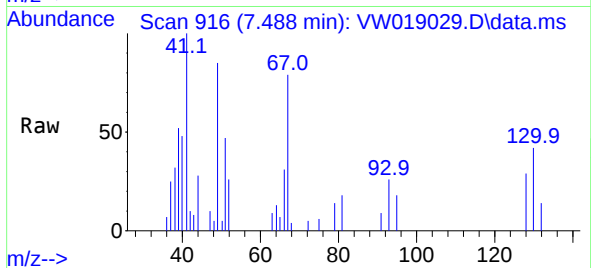


Tgt Ion: 78 Resp: 45946
Ion Ratio Lower Upper
78 100
77 23.6 19.6 29.4



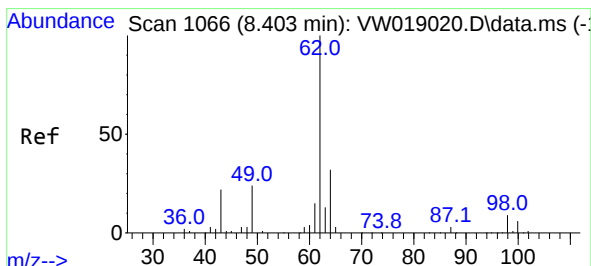
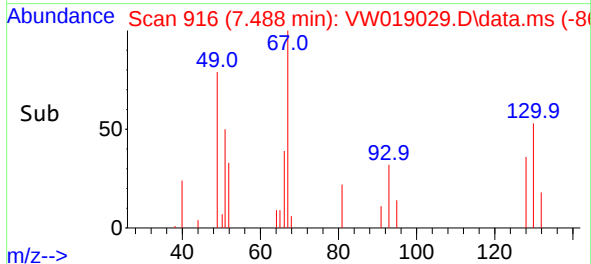
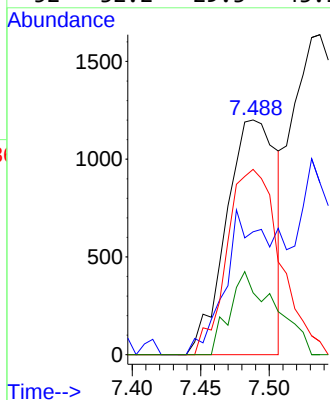


#41
Methacrylonitrile
Concen: 2.26 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

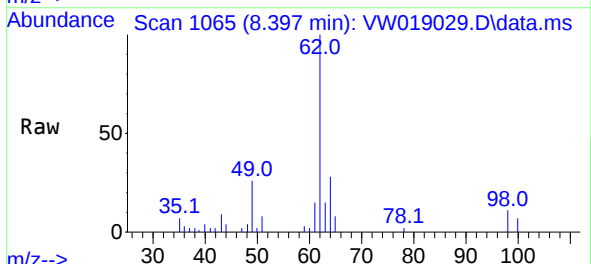


Tgt Ion: 41 Resp: 3056

Ion	Ratio	Lower	Upper
41	100		
39	63.4	50.1	75.1
67	84.1	69.0	103.4
52	32.2	29.3	43.9

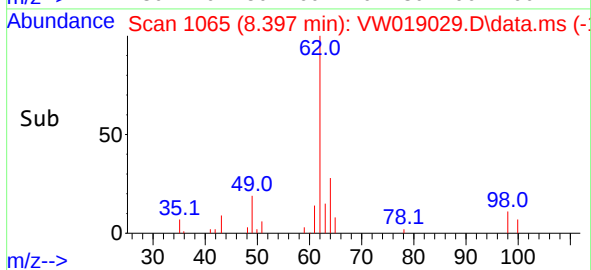
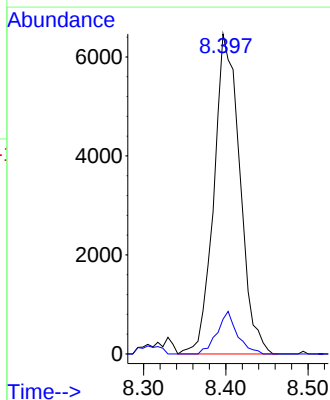


#42
1,2-Dichloroethane
Concen: 2.67 ug/l
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



Tgt Ion: 62 Resp: 14179

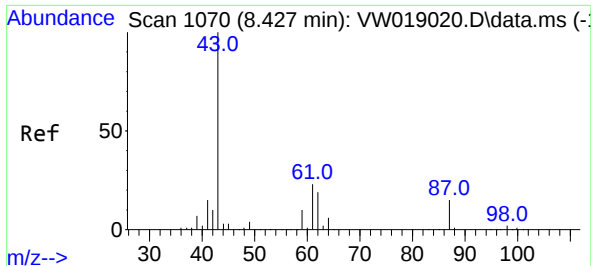
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	18.0



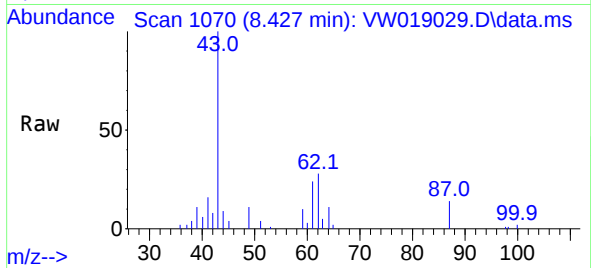
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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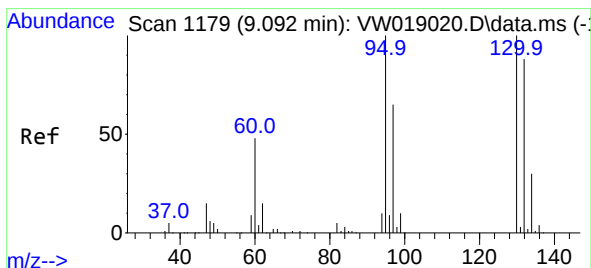
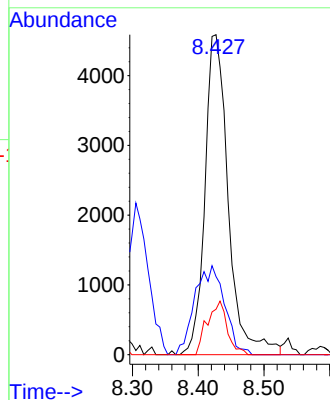
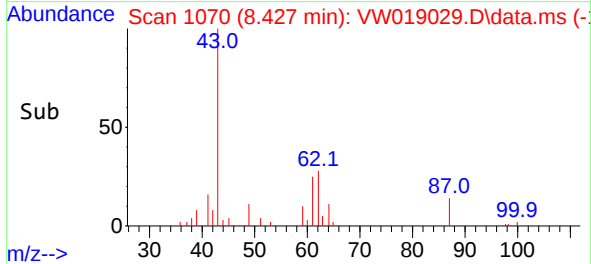


#43
Isopropyl Acetate
Concen: 2.45 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

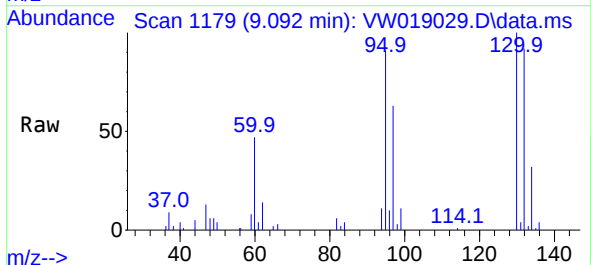


Tgt Ion: 43 Resp: 11331

Ion	Ratio	Lower	Upper
43	100		
61	35.5	27.0	40.6
87	14.3	11.6	17.4

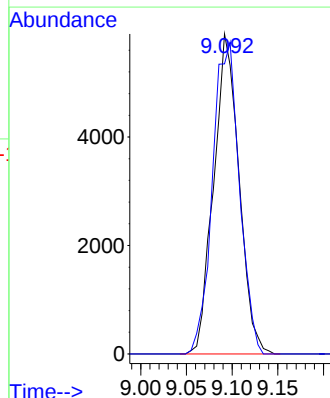
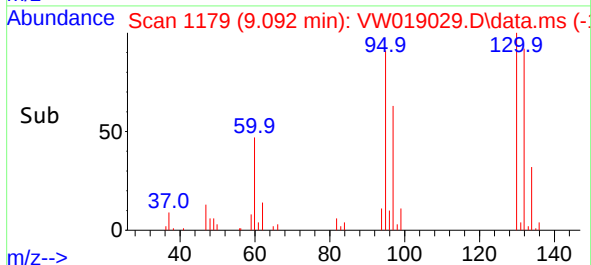


#44
Trichloroethene
Concen: 2.47 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



Tgt Ion: 130 Resp: 11380

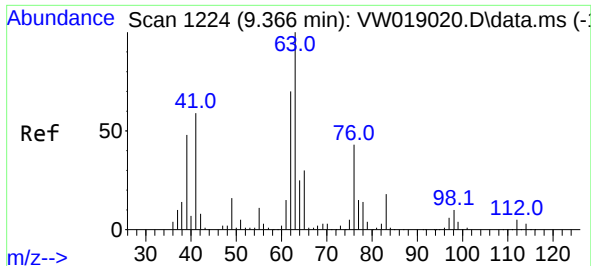
Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	199.0



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

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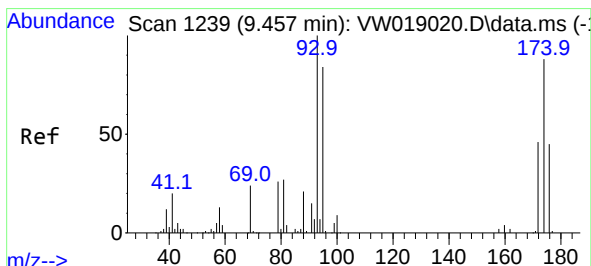
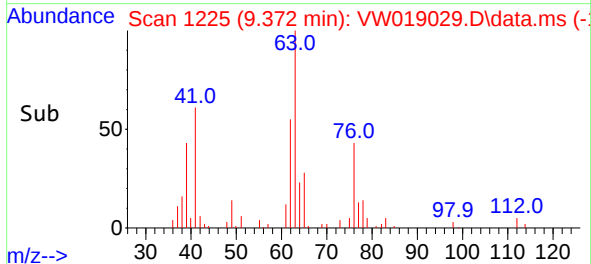
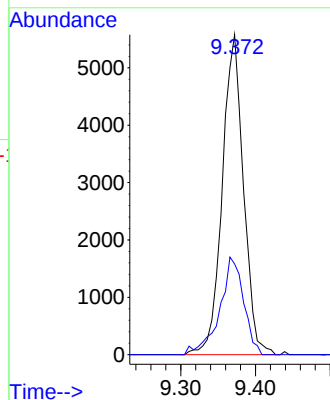
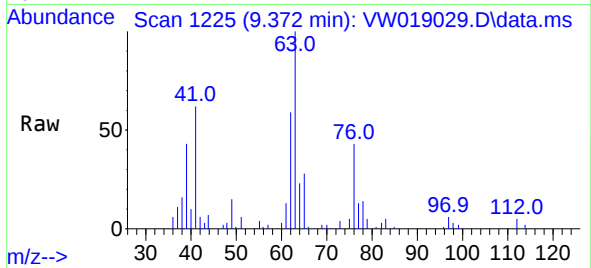
#45
1,2-Dichloropropane
Concen: 2.55 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

Tgt Ion: 63 Resp: 11025
Ion Ratio Lower Upper
63 100
65 28.4 24.1 36.1

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

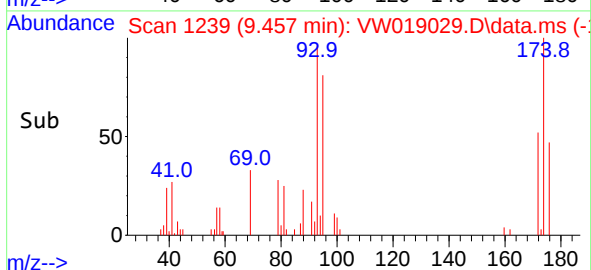
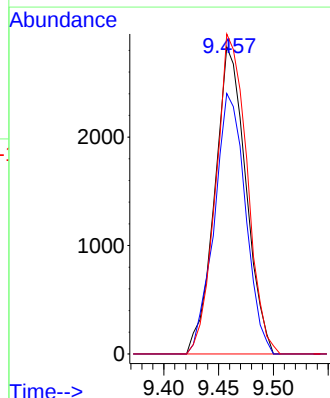
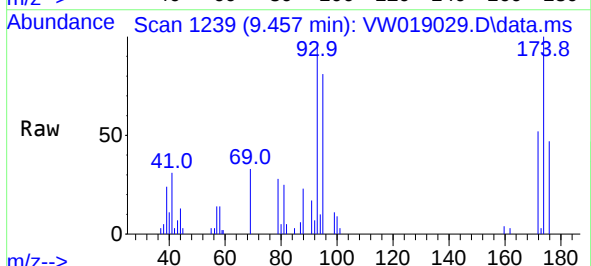
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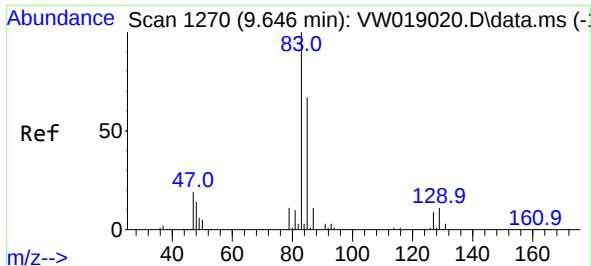
MMDadoda
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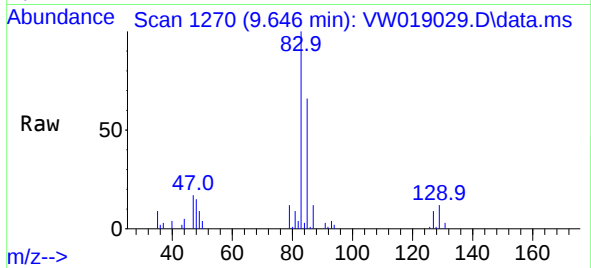
#46
Dibromomethane
Concen: 2.38 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

Tgt Ion: 93 Resp: 5590
Ion Ratio Lower Upper
93 100
95 84.8 66.7 100.1
174 104.2 75.3 112.9



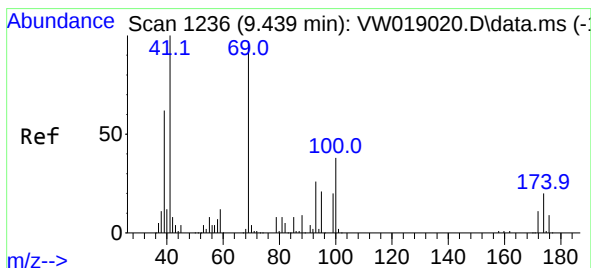
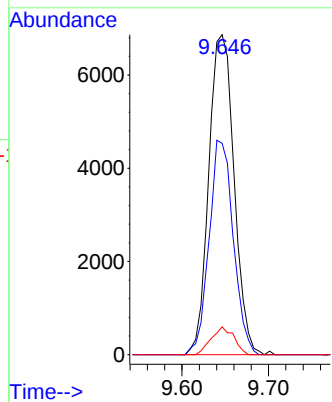
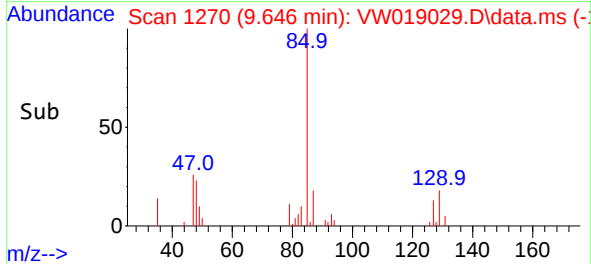


#47
Bromodichloromethane
Concen: 2.39 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

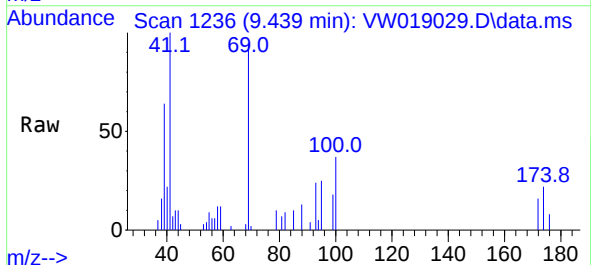


Tgt Ion: 83 Resp: 13939

Ion	Ratio	Lower	Upper
83	100		
85	66.1	53.4	80.2
127	8.7	7.0	10.6

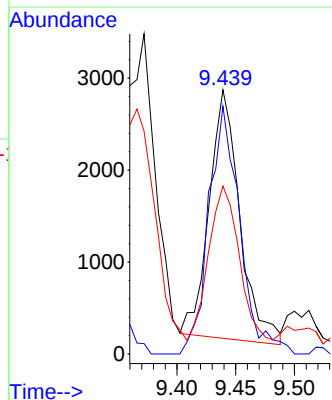
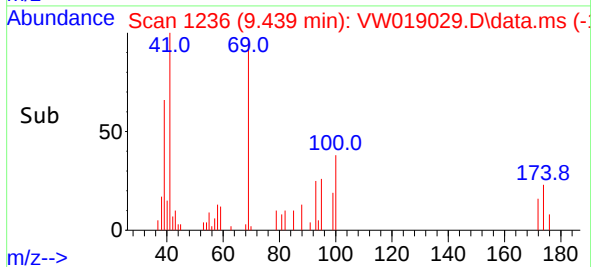


#48
Methyl methacrylate
Concen: 2.31 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



Tgt Ion: 41 Resp: 4895

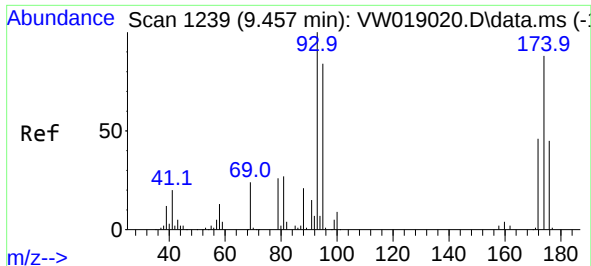
Ion	Ratio	Lower	Upper
41	100		
69	101.8	80.2	120.2
39	74.3	51.5	77.3



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

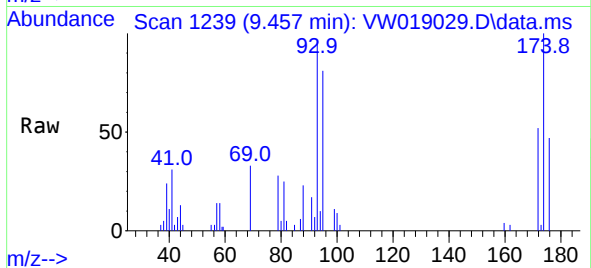
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#49
1,4-Dioxane
Concen: 52.46 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

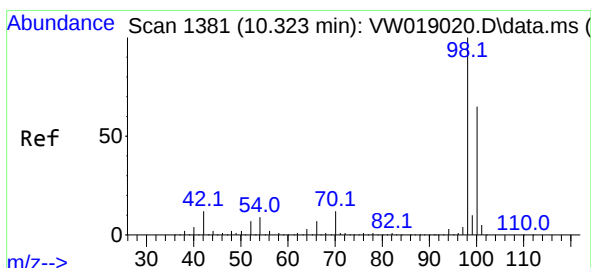
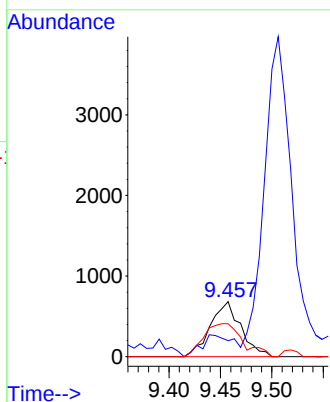
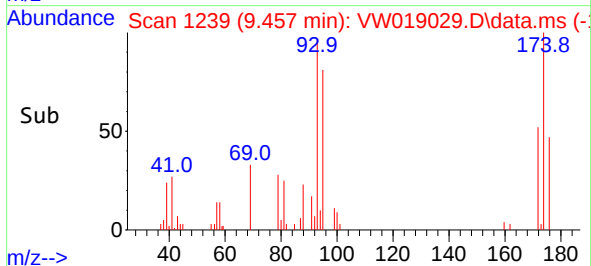
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



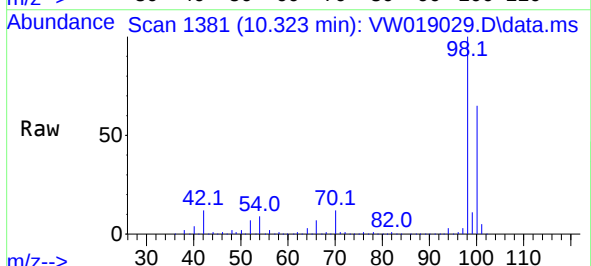
Tgt Ion: 88 Resp: 1405
Ion Ratio Lower Upper
88 100
43 41.5 22.1 33.1#
58 76.9 55.4 83.2

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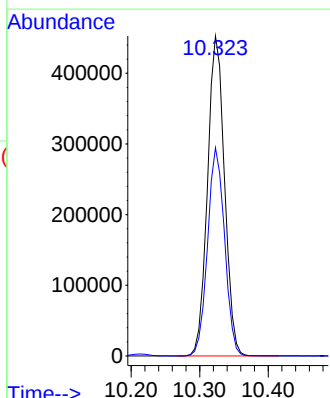
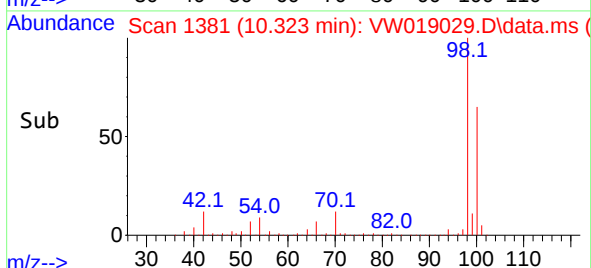
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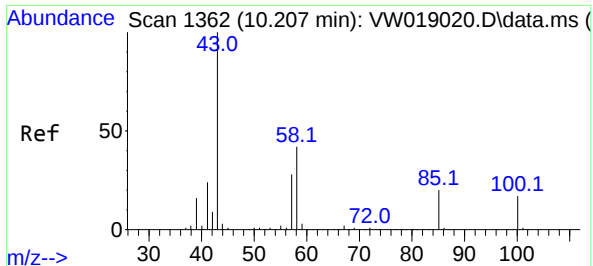


#50
Toluene-d8
Concen: 55.57 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



Tgt Ion: 98 Resp: 782593
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





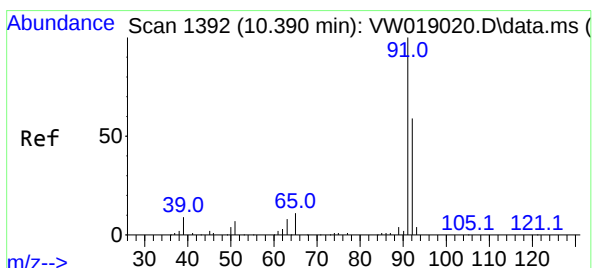
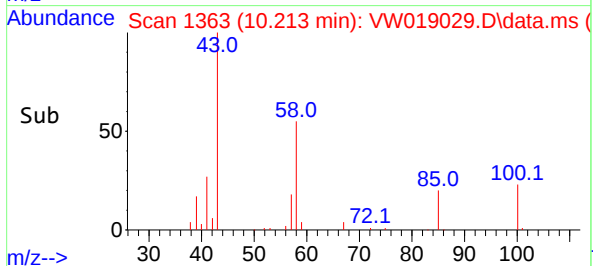
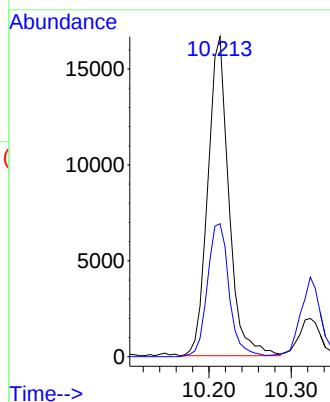
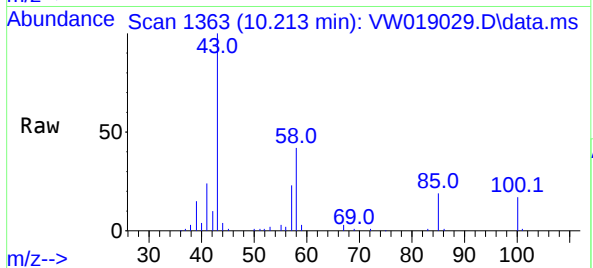
#51
4-Methyl-2-Pentanone
Concen: 12.34 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

Tgt Ion: 43 Resp: 29525
Ion Ratio Lower Upper
43 100
58 43.1 34.2 51.4

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

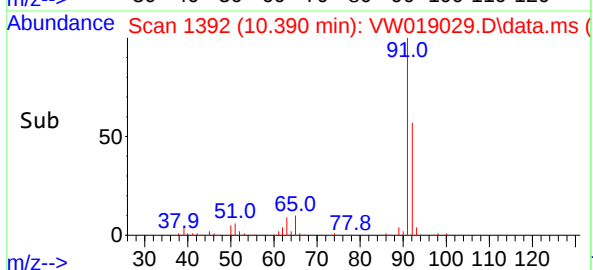
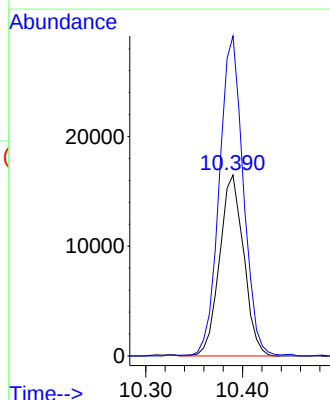
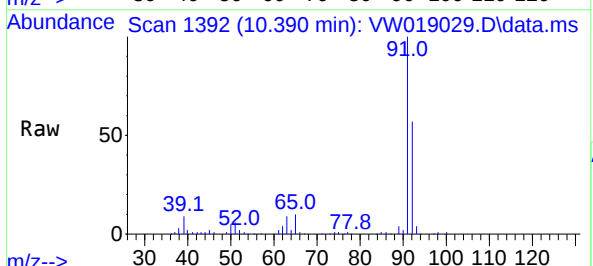
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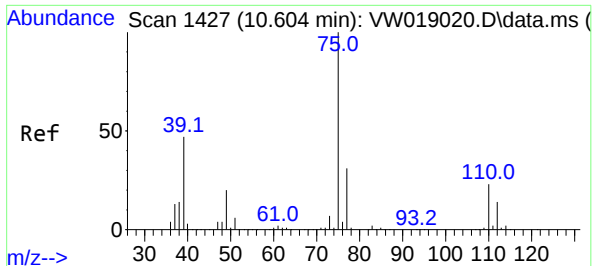
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#52
Toluene
Concen: 2.52 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

Tgt Ion: 92 Resp: 28529
Ion Ratio Lower Upper
92 100
91 176.5 137.4 206.0





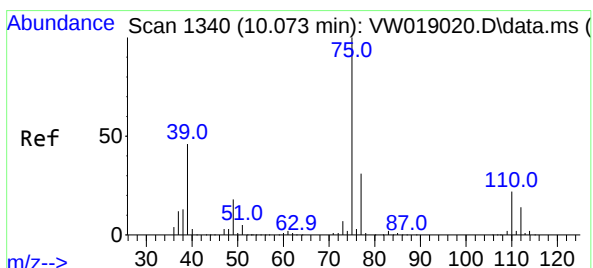
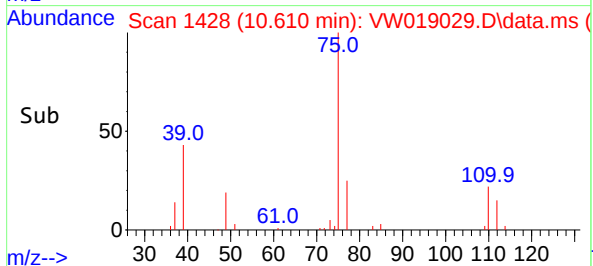
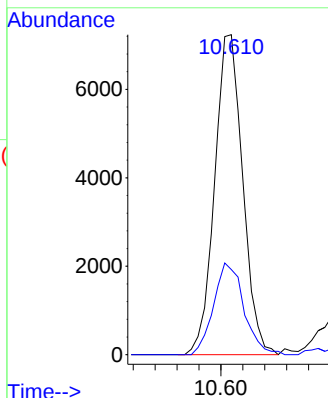
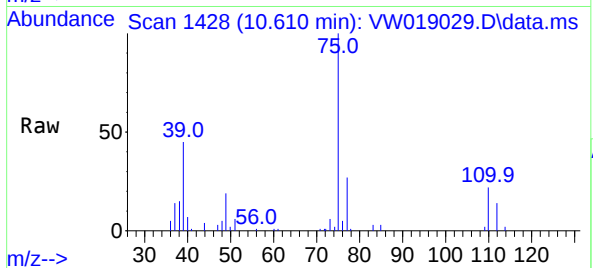
#53
t-1,3-Dichloropropene
Concen: 2.24 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

Tgt Ion: 75 Resp: 12873
Ion Ratio Lower Upper
75 100
77 26.6 24.8 37.2

Instrument :
MSVOA_W
ClientSampleId :
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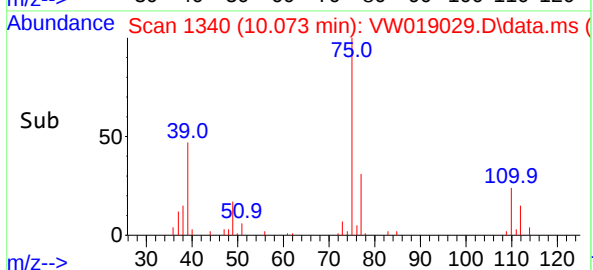
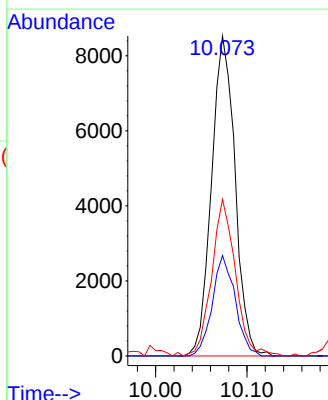
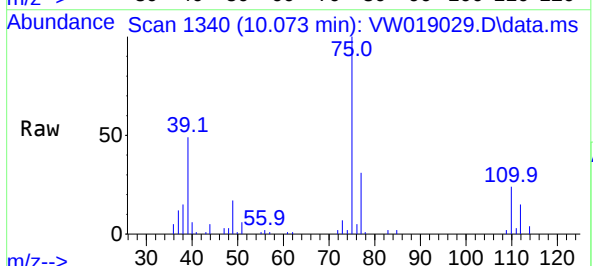
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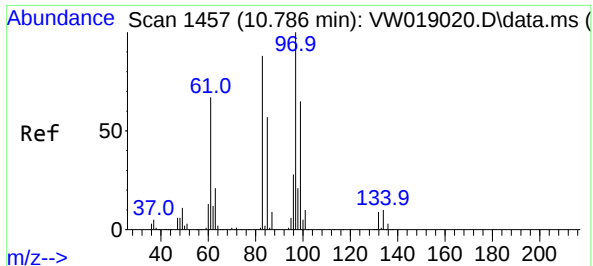
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#54
cis-1,3-Dichloropropene
Concen: 2.23 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

Tgt Ion: 75 Resp: 15276
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6
39 48.3 36.9 55.3





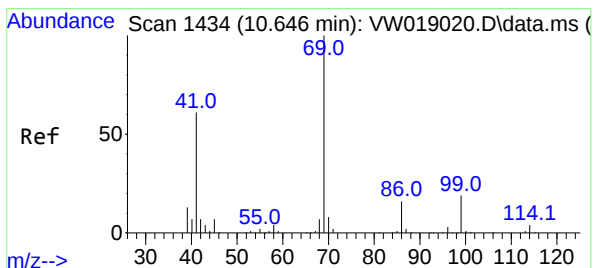
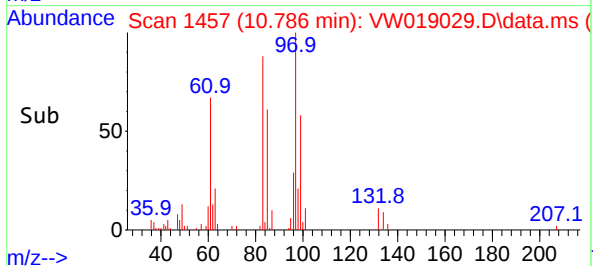
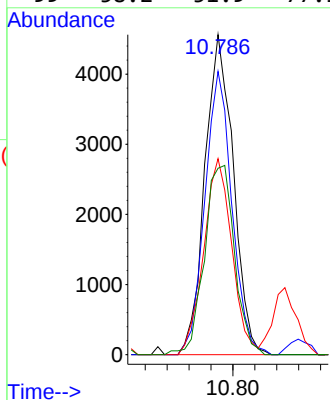
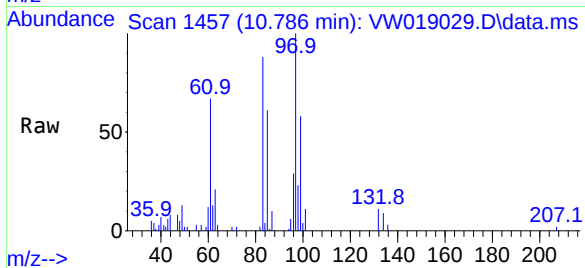
#55
1,1,2-Trichloroethane
Concen: 2.53 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

Tgt Ion:	97	Resp:	8210
Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.6	106.0
85	61.3	45.8	68.6
99	58.2	51.9	77.9

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

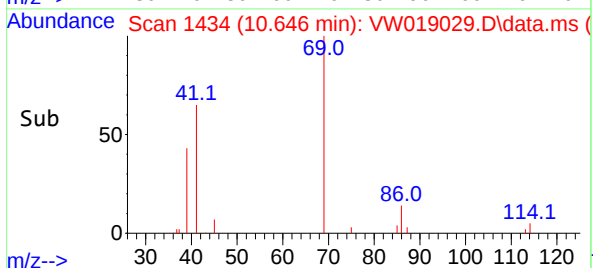
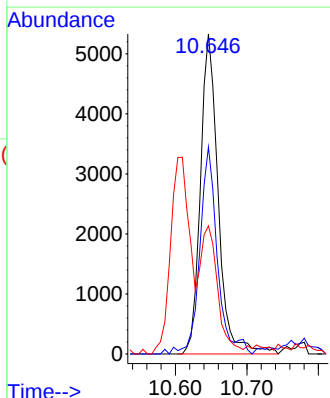
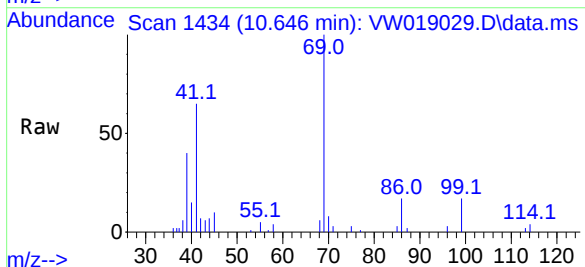
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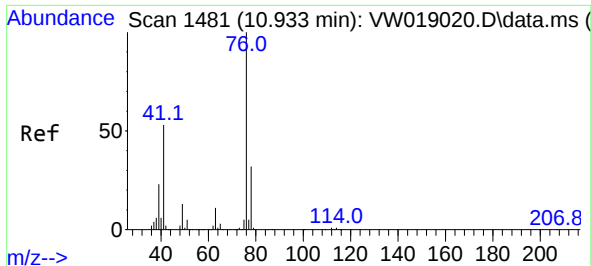
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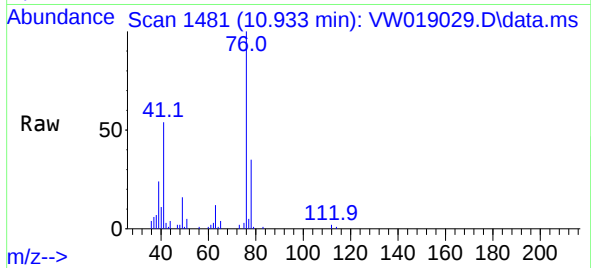
#56
Ethyl methacrylate
Concen: 2.26 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

Tgt Ion:	69	Resp:	9200
Ion	Ratio	Lower	Upper
69	100		
41	64.0	48.7	73.1
39	39.6	29.0	43.4

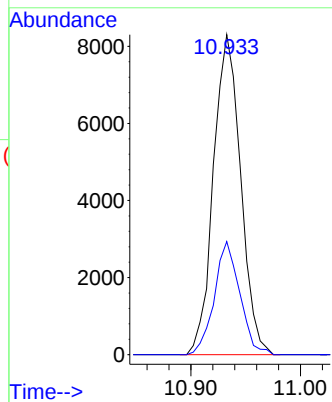
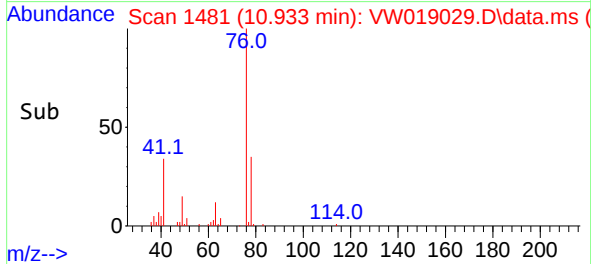




#57
1,3-Dichloropropane
Concen: 2.47 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



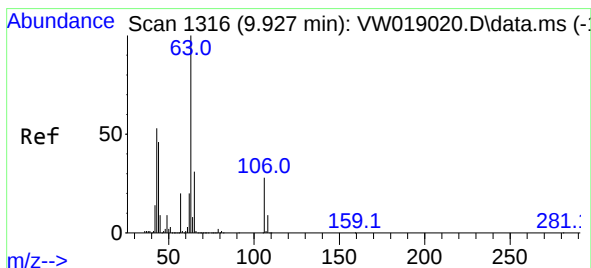
Tgt Ion: 76 Resp: 14329
Ion Ratio Lower Upper
76 100
78 33.1 25.5 38.3



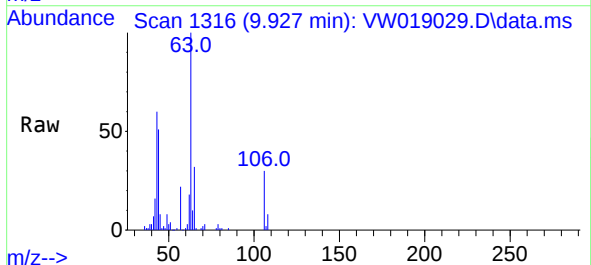
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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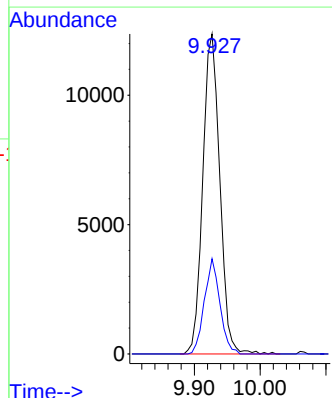
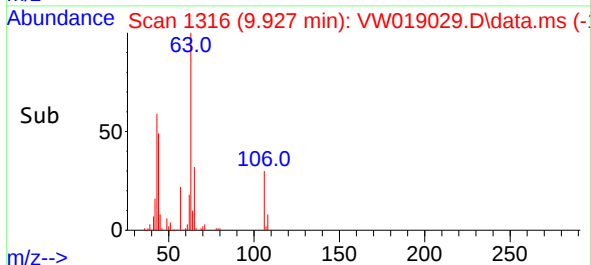
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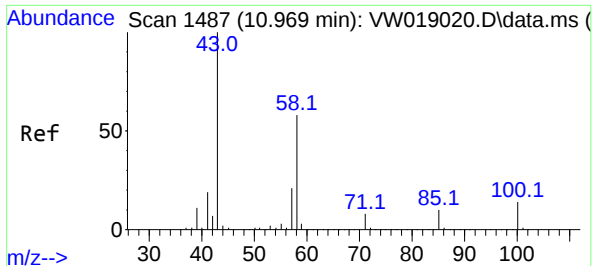


#58
2-Chloroethyl Vinyl ether
Concen: 10.55 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



Tgt Ion: 63 Resp: 22260
Ion Ratio Lower Upper
63 100
106 27.2 22.3 33.5





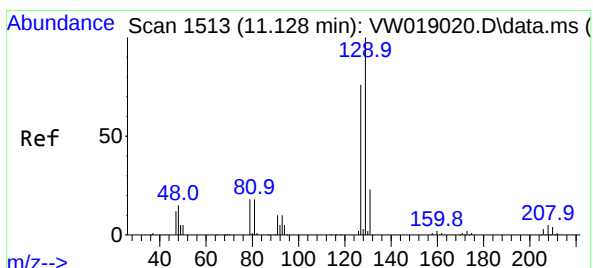
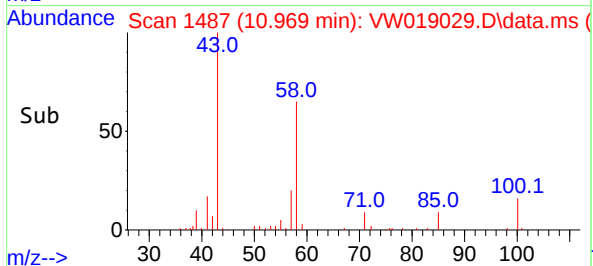
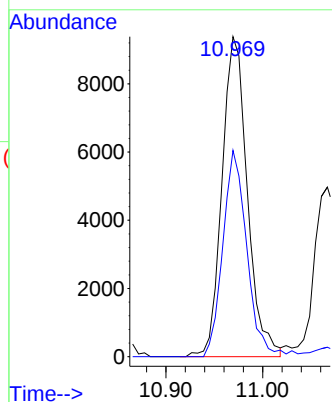
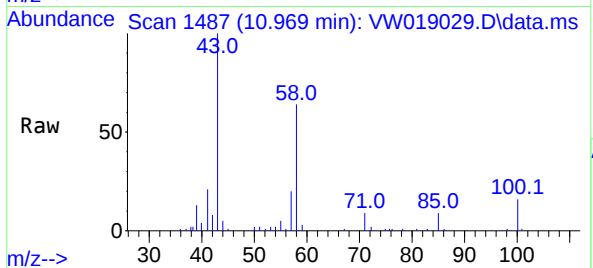
#59
2-Hexanone
Concen: 10.73 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

Tgt Ion: 43 Resp: 17058
Ion Ratio Lower Upper
43 100
58 61.3 29.0 87.1

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

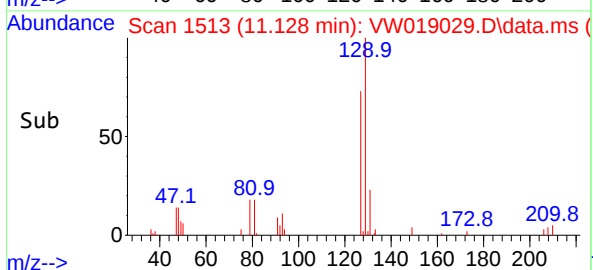
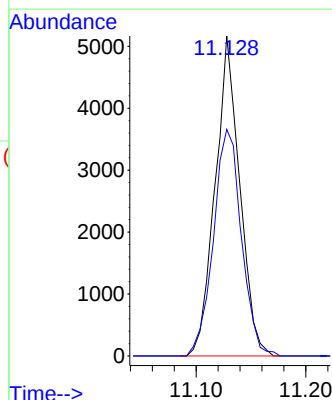
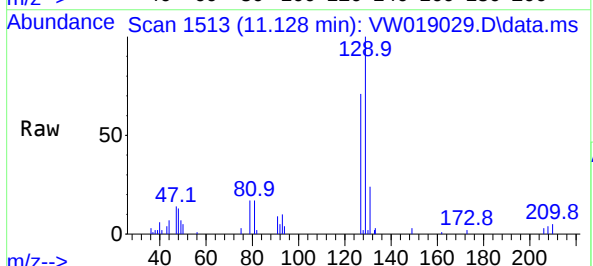
Manual Integrations
APPROVED

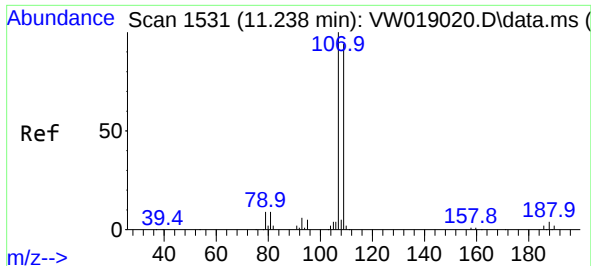
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#60
Dibromochloromethane
Concen: 2.22 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

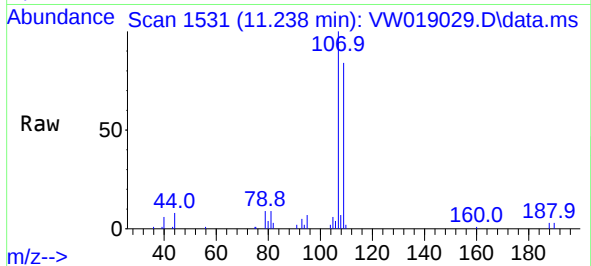
Tgt Ion: 129 Resp: 8055
Ion Ratio Lower Upper
129 100
127 80.4 38.2 114.6





#61
1,2-Dibromoethane
Concen: 2.51 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

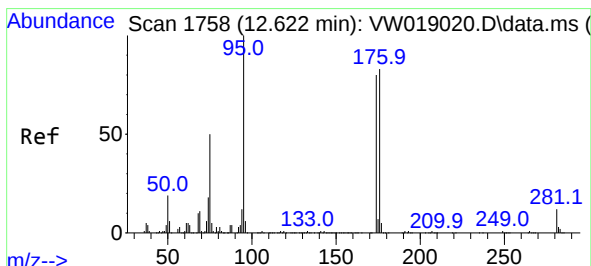
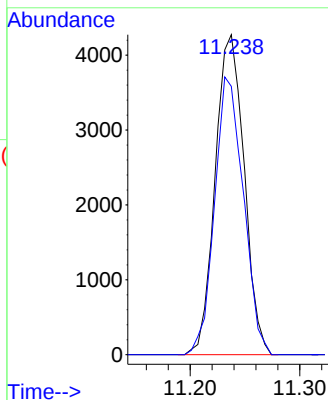
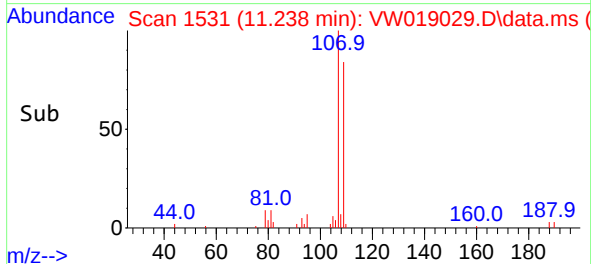
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



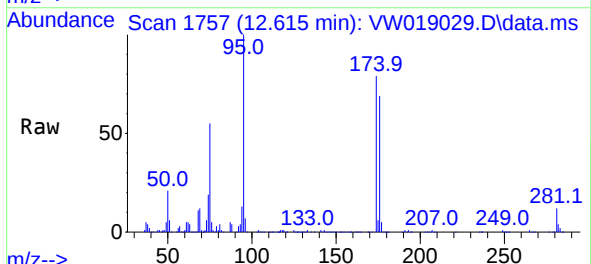
Tgt Ion:107 Resp: 7838
Ion Ratio Lower Upper
107 100
109 86.6 73.9 110.9

Manual Integrations
APPROVED

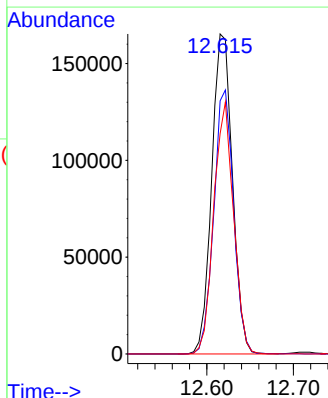
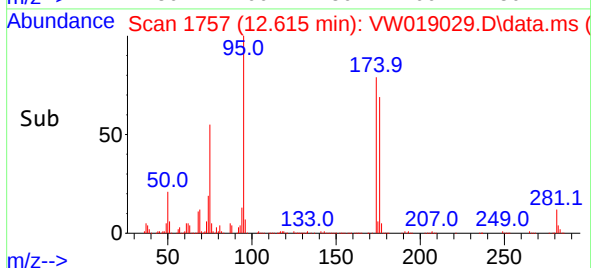
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5/20/2021 5:59:01 PM

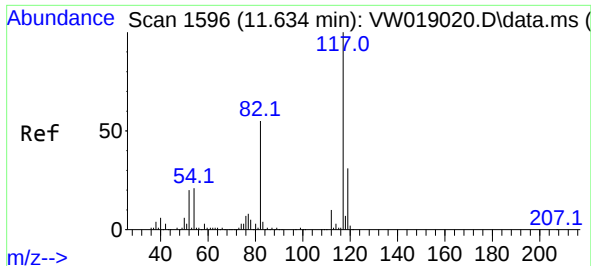


#62
4-Bromofluorobenzene
Concen: 54.10 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



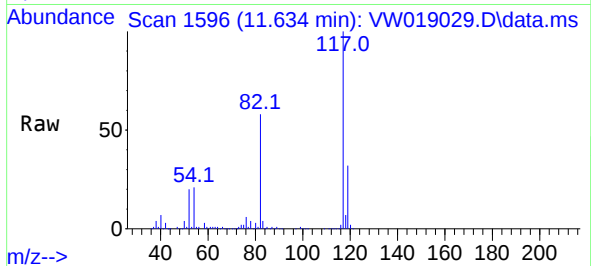
Tgt Ion: 95 Resp: 274684
Ion Ratio Lower Upper
95 100
174 79.0 0.0 156.2
176 75.3 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

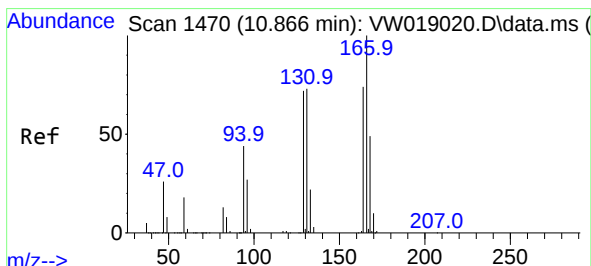
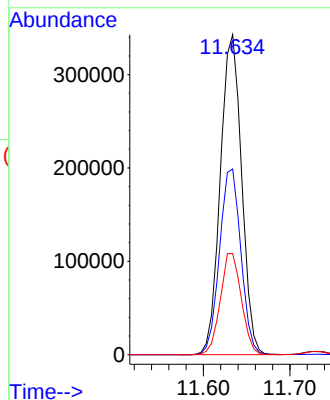
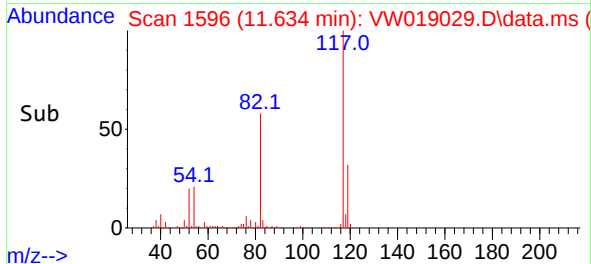
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



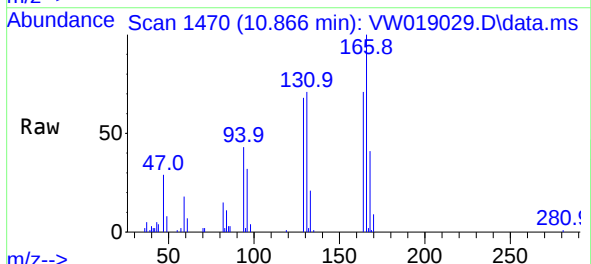
Tgt Ion:117 Resp: 585438
Ion Ratio Lower Upper
117 100
82 58.0 44.4 66.6
119 31.6 24.6 36.8

Manual Integrations
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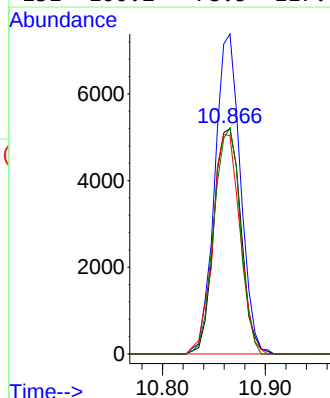
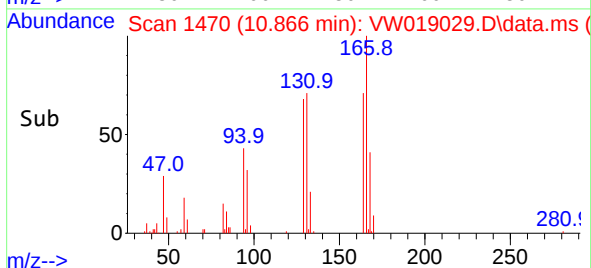
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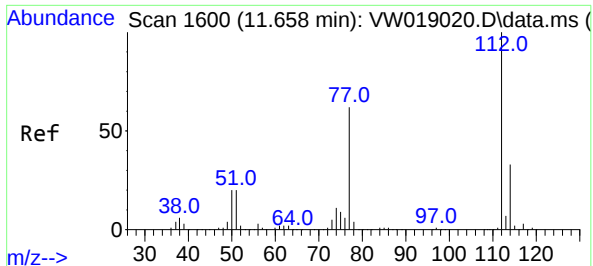


#64
Tetrachloroethene
Concen: 2.50 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



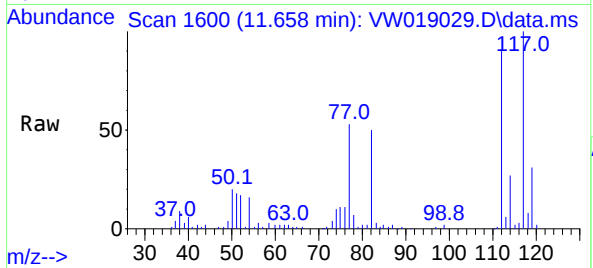
Tgt Ion:164 Resp: 9492
Ion Ratio Lower Upper
164 100
166 141.8 107.8 161.8
129 96.9 77.3 115.9
131 100.2 78.5 117.7





#65
Chlorobenzene
Concen: 2.58 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

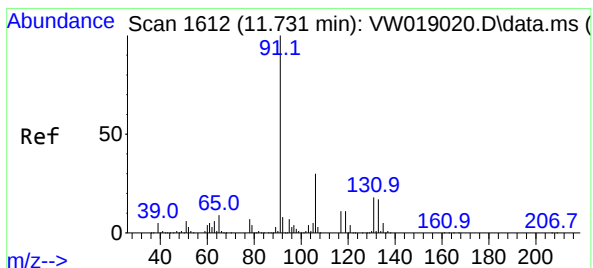
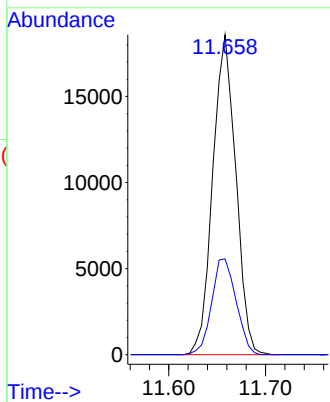
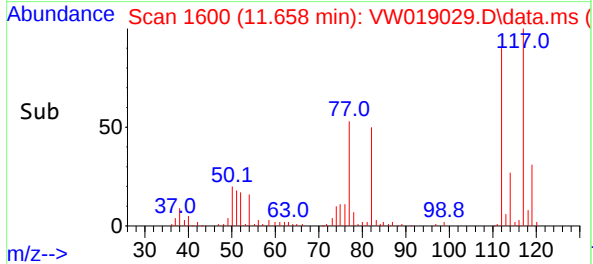
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



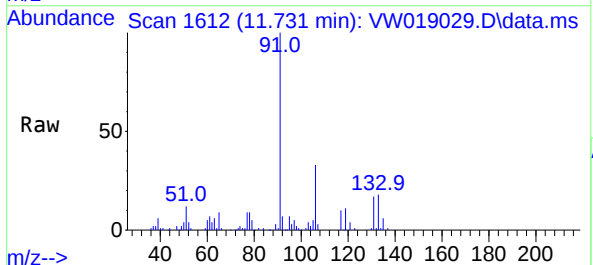
Tgt Ion:112 Resp: 30724
Ion Ratio Lower Upper
112 100
114 30.0 26.4 39.6

Manual Integrations
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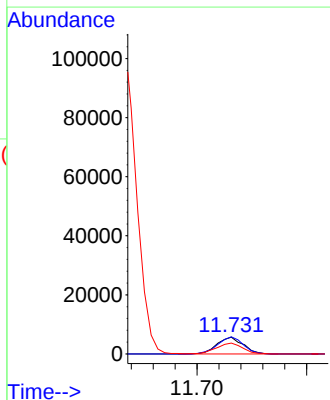
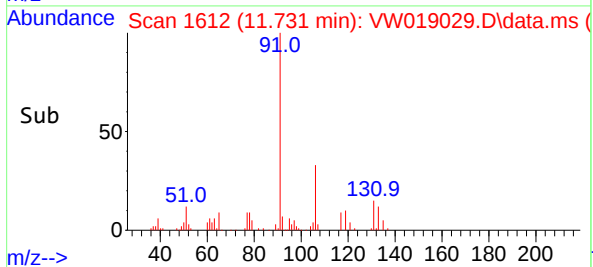
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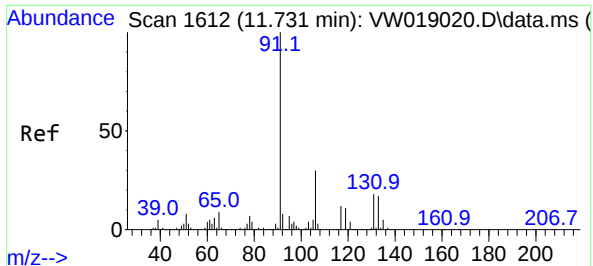


#66
1,1,1,2-Tetrachloroethane
Concen: 2.30 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



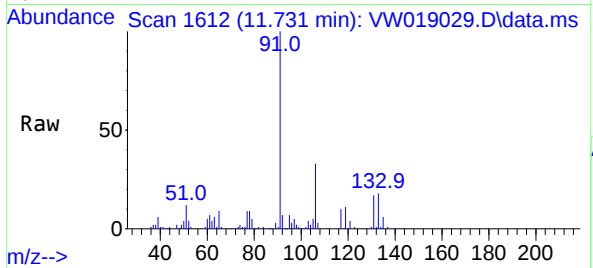
Tgt Ion:131 Resp: 9330
Ion Ratio Lower Upper
131 100
133 100.3 48.1 144.3
119 66.7 33.1 99.2





#67
Ethyl Benzene
Concen: 2.44 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

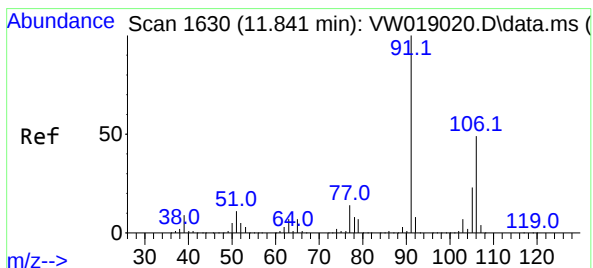
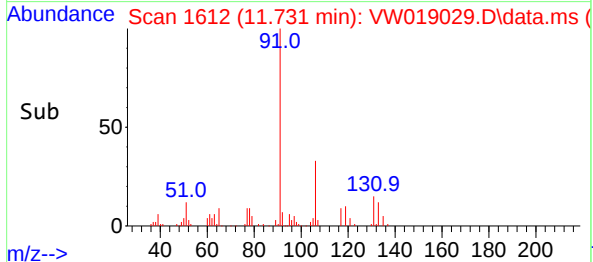
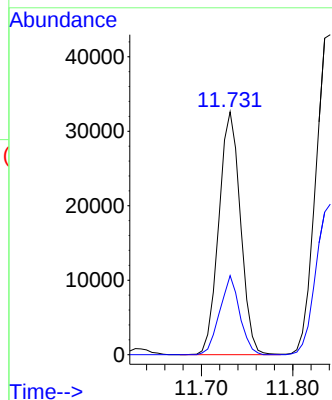
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion: 91 Resp: 53725
Ion Ratio Lower Upper
91 100
106 32.5 24.0 36.0

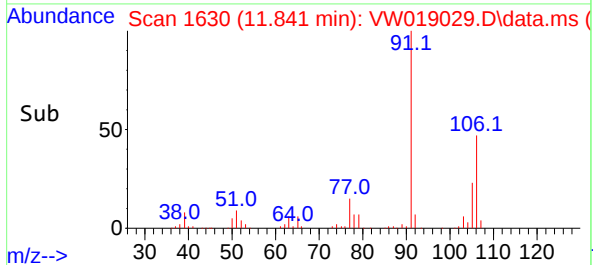
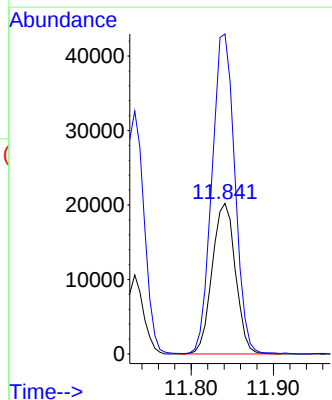
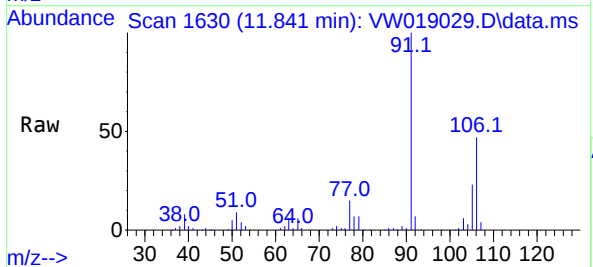
Manual Integrations
APPROVED

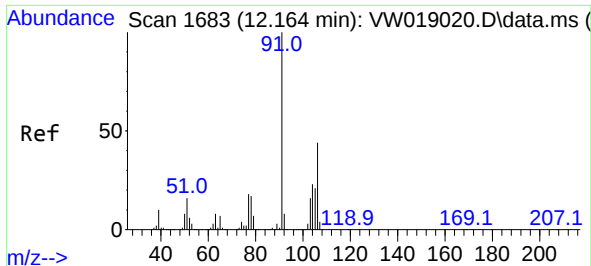
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#68
m/p-Xylenes
Concen: 4.80 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

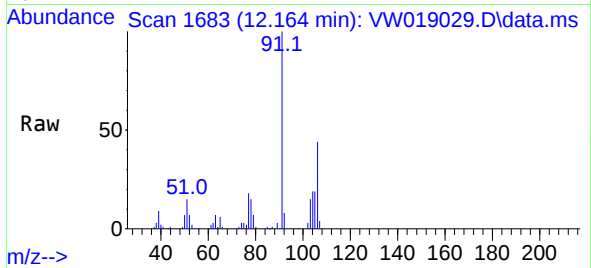
Tgt Ion: 106 Resp: 39749
Ion Ratio Lower Upper
106 100
91 209.9 164.2 246.2





#69
o-Xylene
Concen: 2.32 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

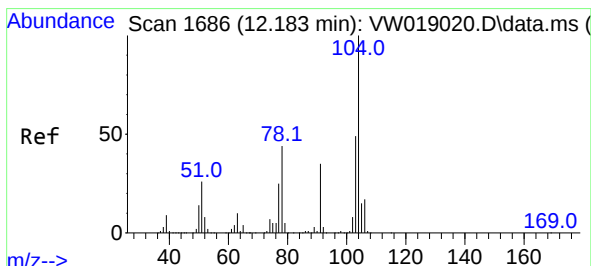
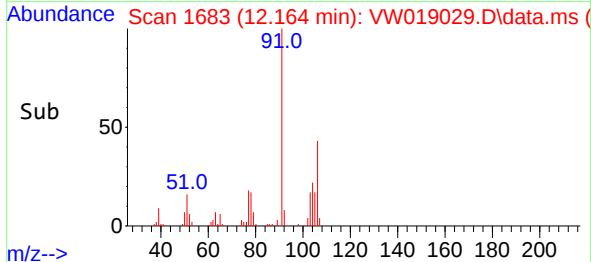
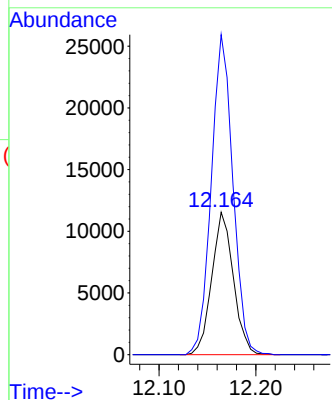
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



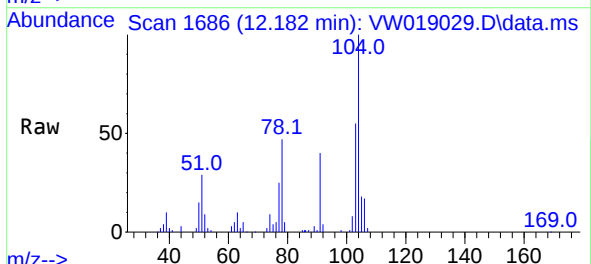
Tgt Ion:106 Resp: 17906
Ion Ratio Lower Upper
106 100
91 224.2 109.1 327.2

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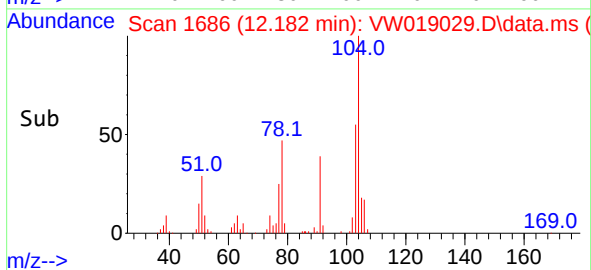
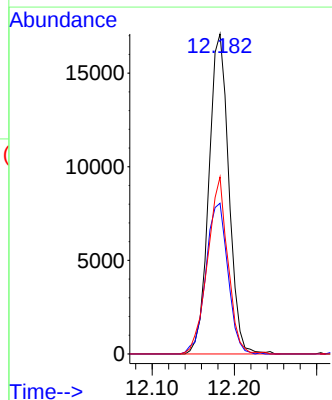
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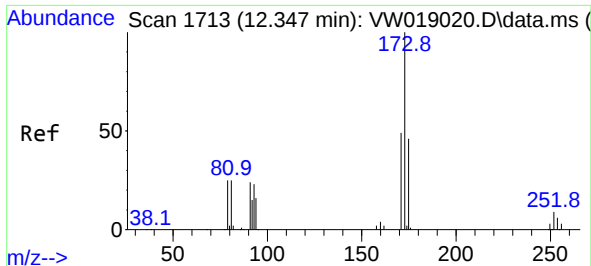


#70
Styrene
Concen: 2.20 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



Tgt Ion:104 Resp: 28814
Ion Ratio Lower Upper
104 100
78 52.1 41.3 61.9
103 56.3 44.1 66.1





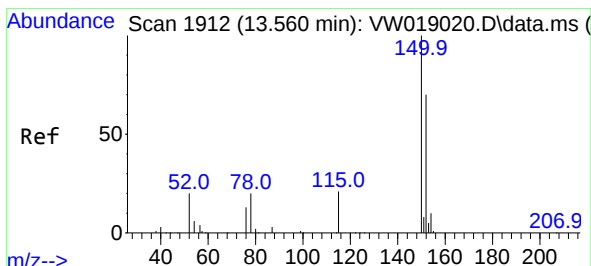
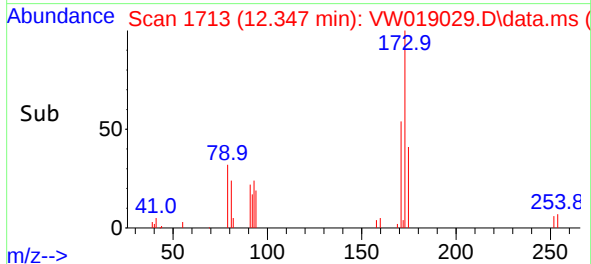
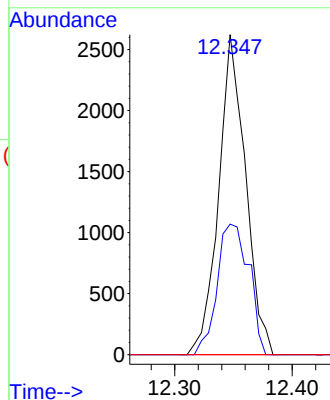
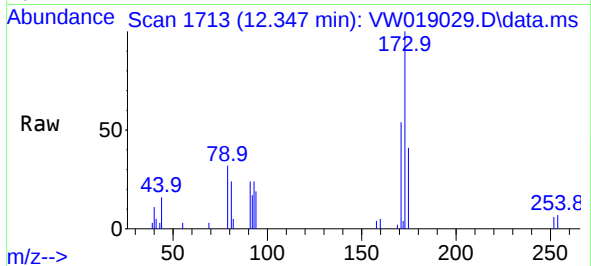
#71
Bromoform
Concen: 2.05 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

Tgt Ion:	173	Resp:	4176
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

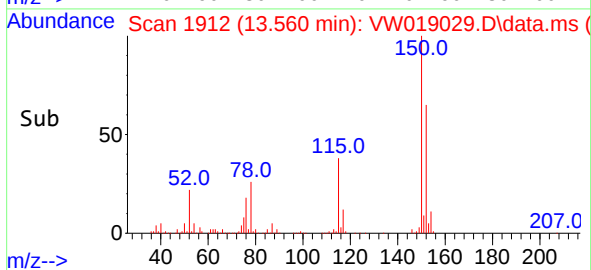
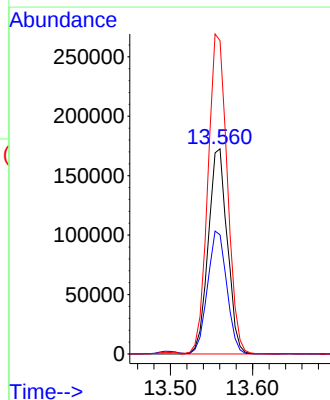
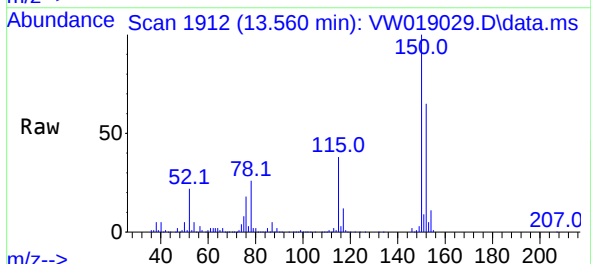
Manual Integrations
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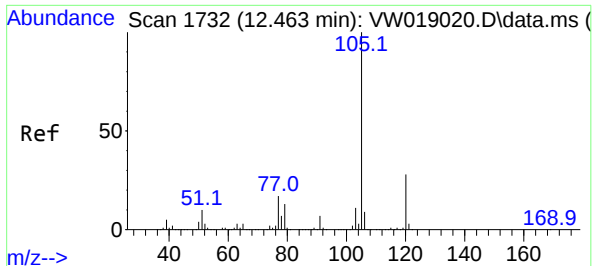
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

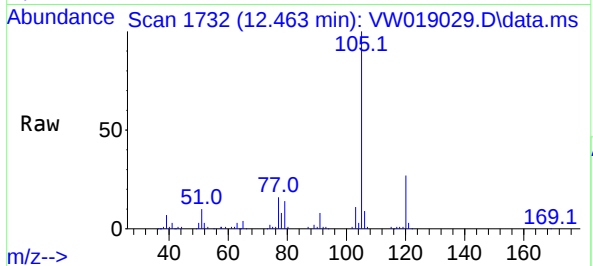
Tgt Ion:	152	Resp:	277365
Ion Ratio	Lower	Upper	
152	100		
115	60.5	30.3	90.8
150	158.3	0.0	356.0





#73
Isopropylbenzene
Concen: 2.41 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

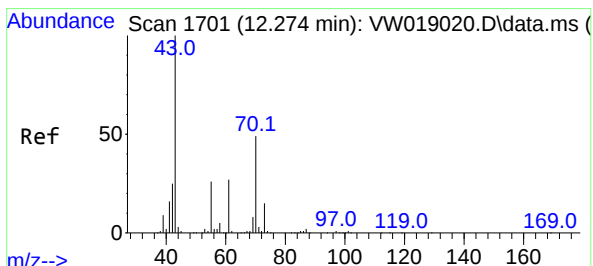
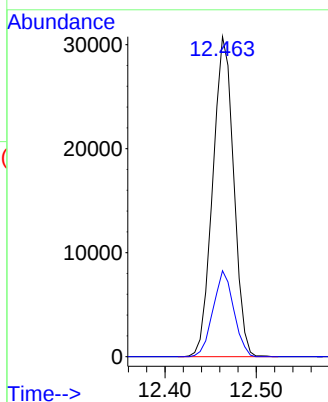
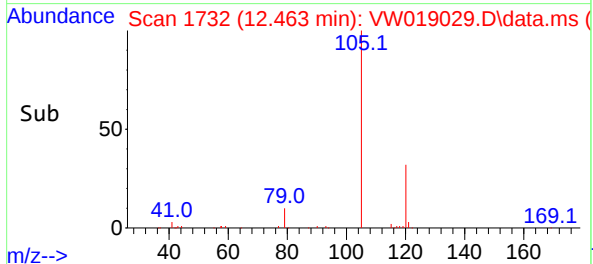
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



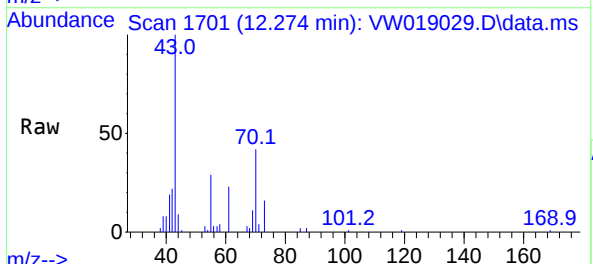
Tgt Ion:105 Resp: 48992
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5

Manual Integrations
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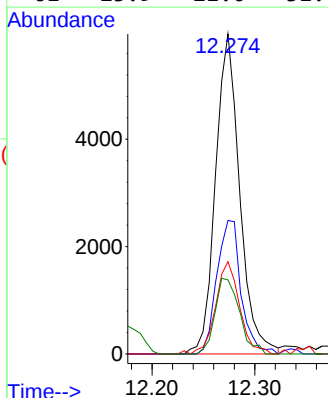
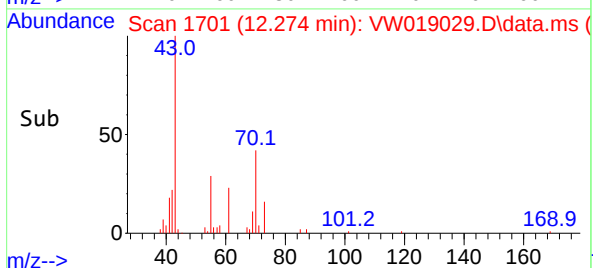
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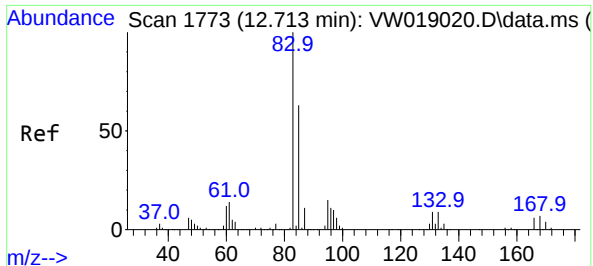


#74
N-ethyl acetate
Concen: 2.32 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



Tgt Ion: 43 Resp: 9740
Ion Ratio Lower Upper
43 100
70 41.7 38.4 57.6
55 28.5 21.6 32.4
61 23.9 21.0 31.4





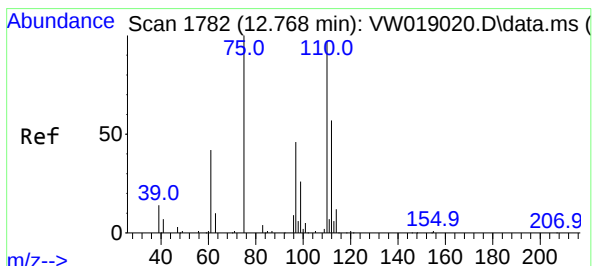
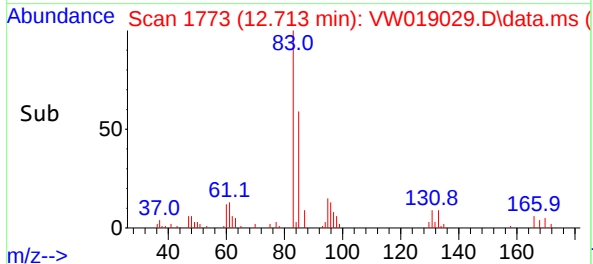
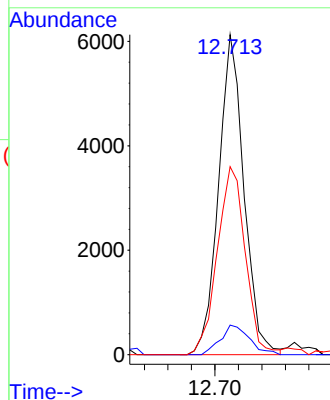
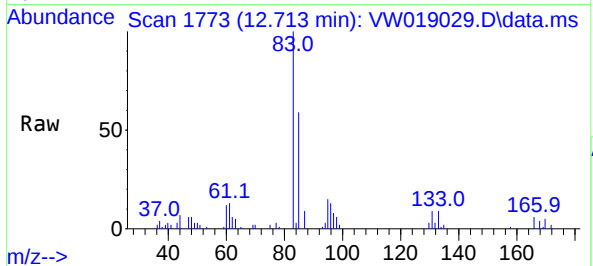
#75
1,1,2,2-Tetrachloroethane
Concen: 2.53 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

Tgt Ion: 83 Resp: 9203
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.2
85 64.5 31.6 94.8

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

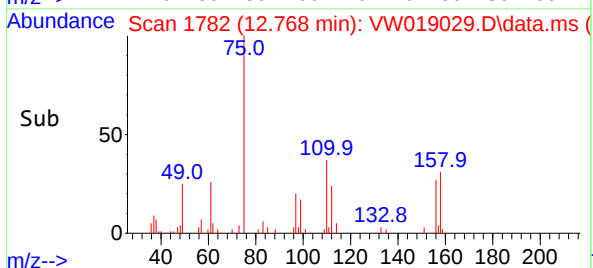
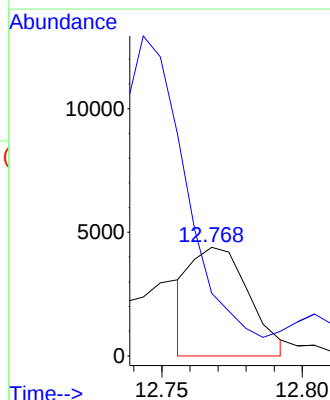
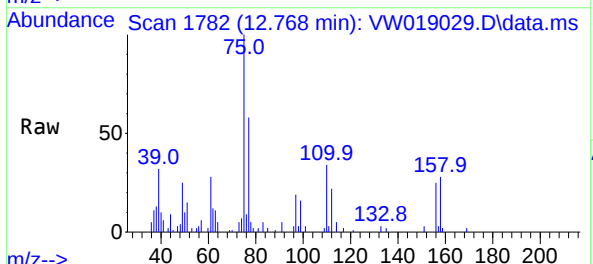
Manual Integrations
APPROVED

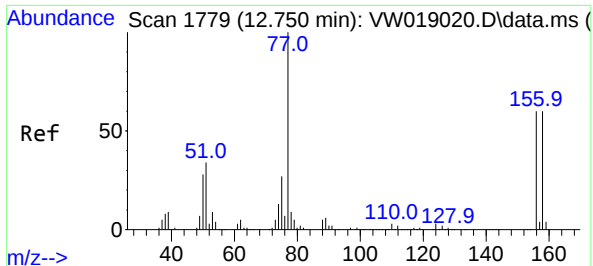
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#76
1,2,3-Trichloropropane
Concen: 2.40 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

Tgt Ion: 75 Resp: 6298
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





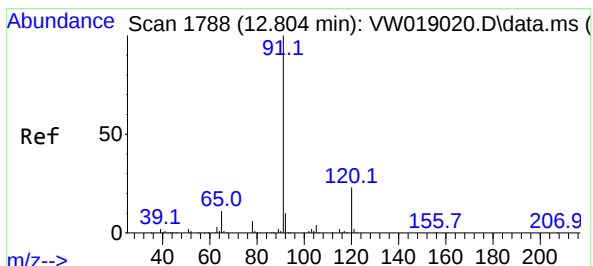
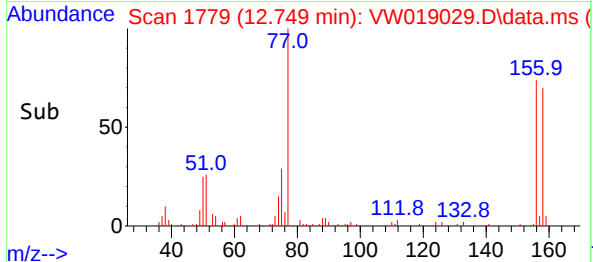
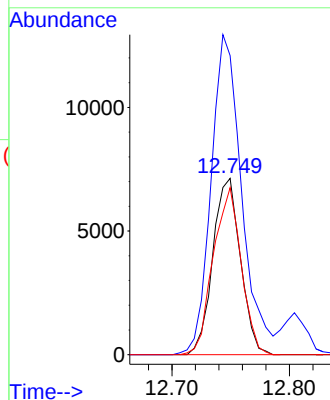
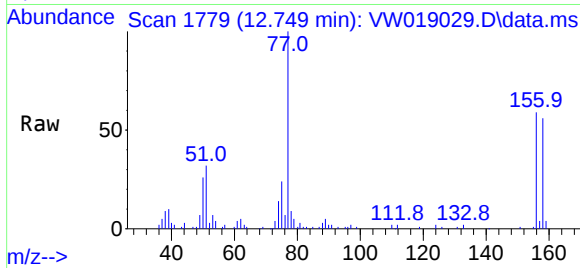
#77
Bromobenzene
Concen: 2.60 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

Tgt Ion: 156 Resp: 11658
Ion Ratio Lower Upper
156 100
77 200.5 96.7 290.0
158 95.7 48.4 145.3

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

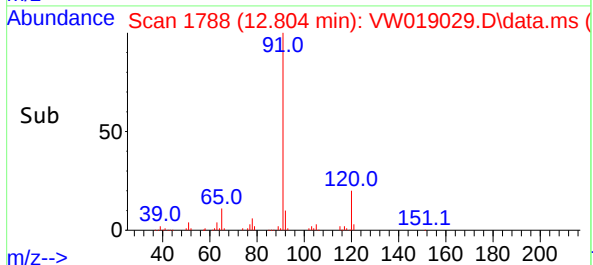
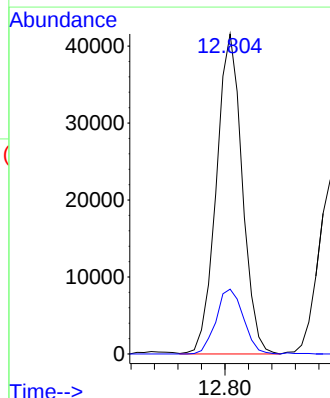
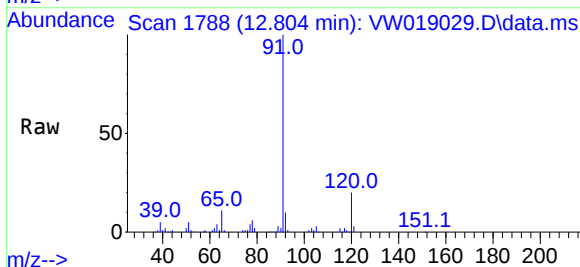
Manual Integrations
APPROVED

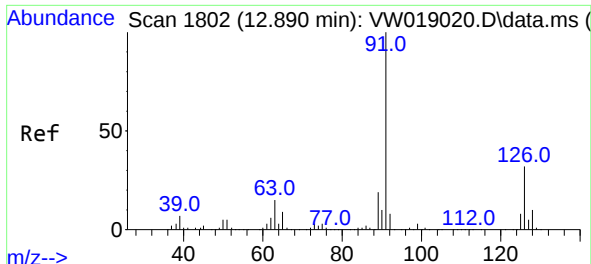
MMDadoda
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#78
n-propylbenzene
Concen: 2.56 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

Tgt Ion: 91 Resp: 63609
Ion Ratio Lower Upper
91 100
120 21.3 11.1 33.3





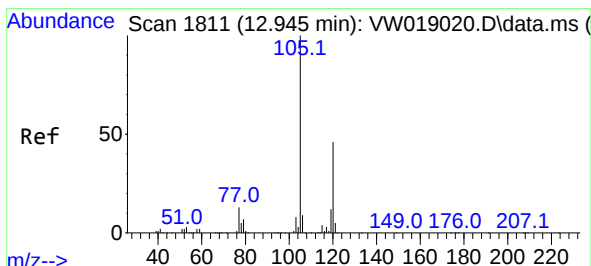
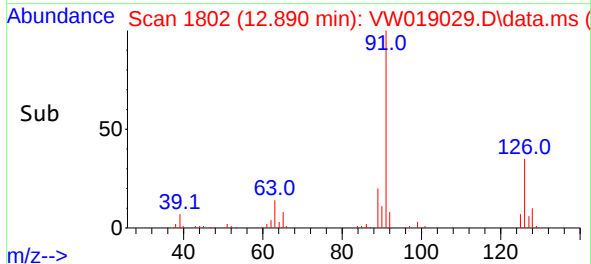
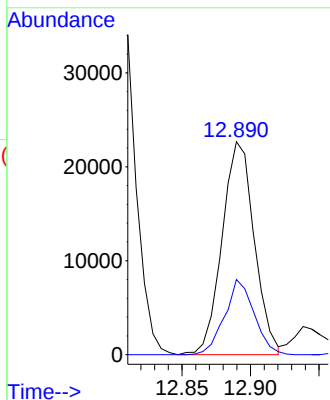
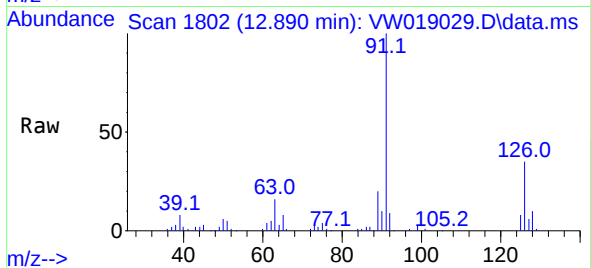
#79
2-Chlorotoluene
Concen: 2.62 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

Tgt Ion: 91 Resp: 37092
Ion Ratio Lower Upper
91 100
126 32.3 16.5 49.5

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

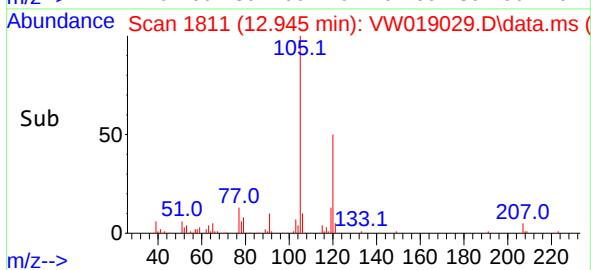
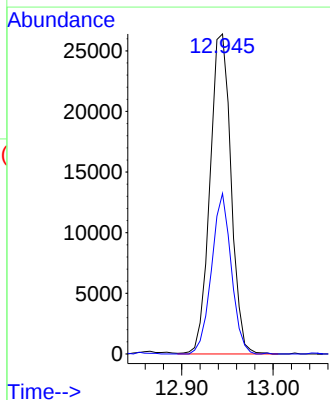
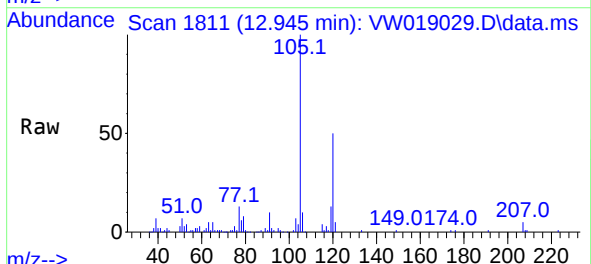
Manual Integrations
APPROVED

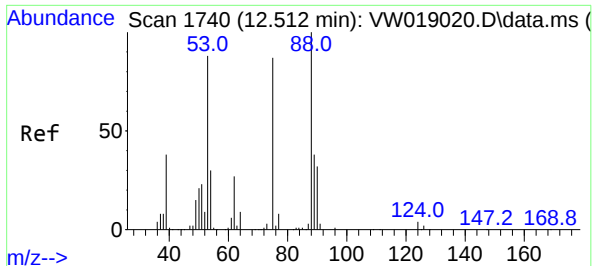
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#80
1,3,5-Trimethylbenzene
Concen: 2.44 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

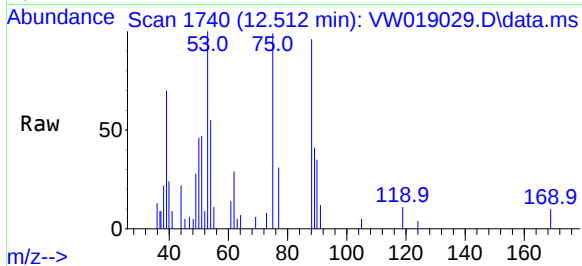
Tgt Ion: 105 Resp: 42183
Ion Ratio Lower Upper
105 100
120 46.9 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 2.03 ug/l m
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

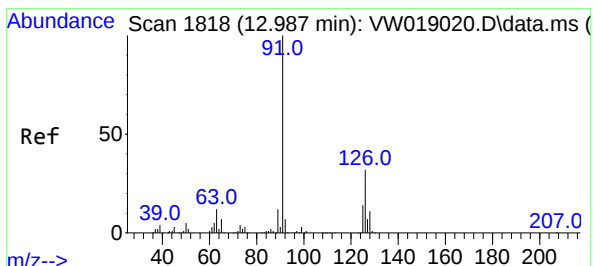
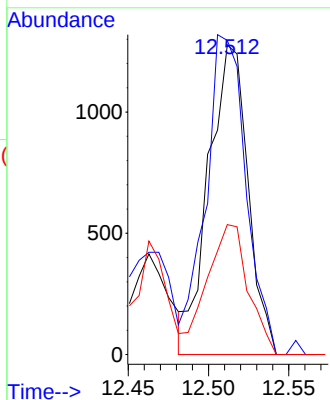
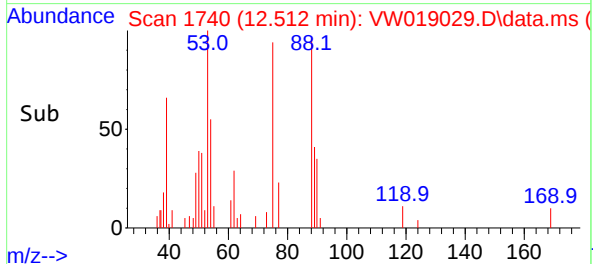
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



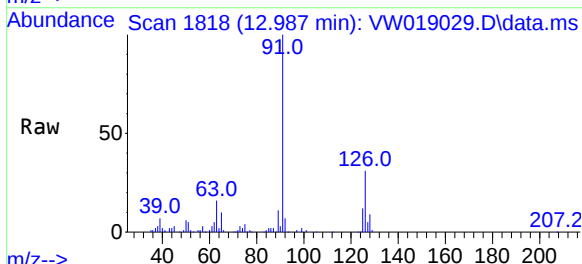
Tgt Ion: 75 Resp: 2177
Ion Ratio Lower Upper
75 100
53 0.0 81.5 122.3#
89 9.2 36.3 54.5#

Manual Integrations
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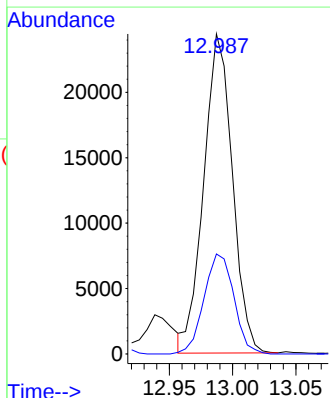
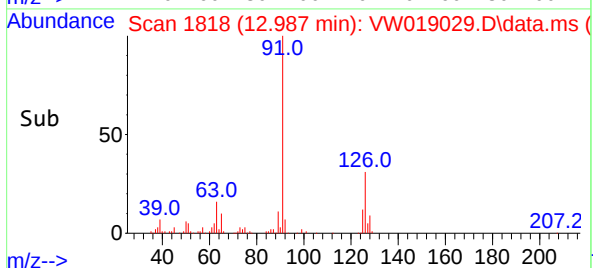
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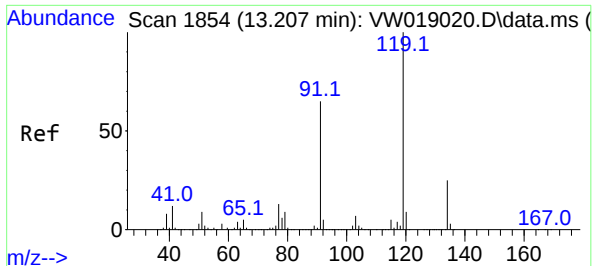


#82
4-Chlorotoluene
Concen: 2.56 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

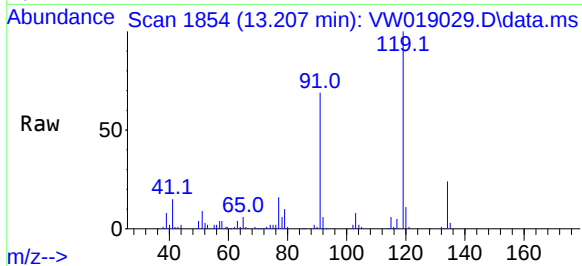


Tgt Ion: 91 Resp: 38431
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.2

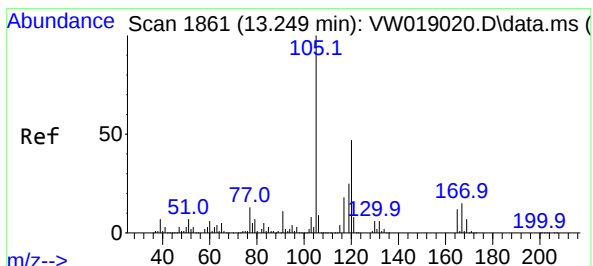
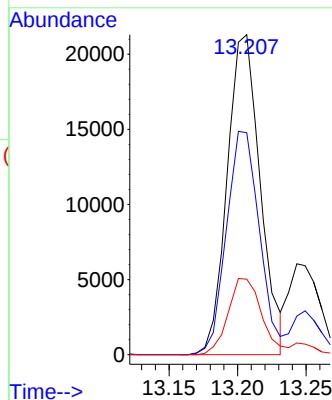
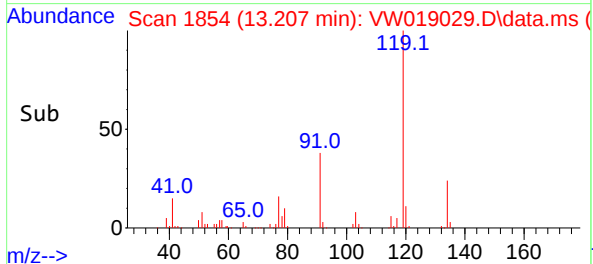




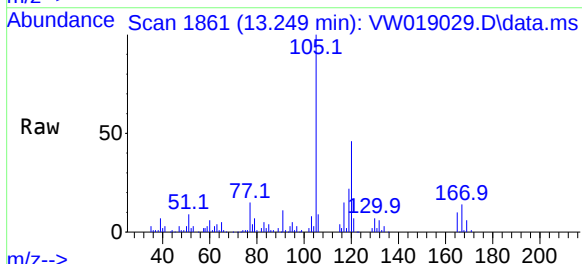
#83
tert-Butylbenzene
Concen: 2.47 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



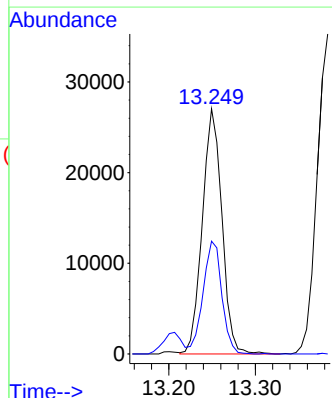
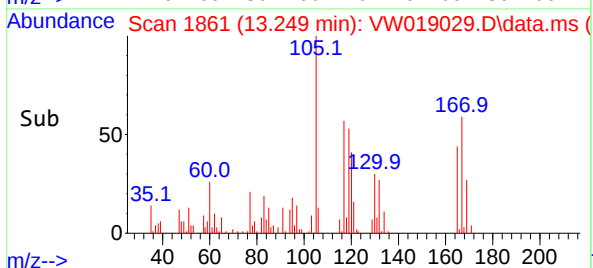
Tgt Ion:119 Resp: 35877
Ion Ratio Lower Upper
119 100
91 69.5 34.0 102.0
134 24.3 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 2.48 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



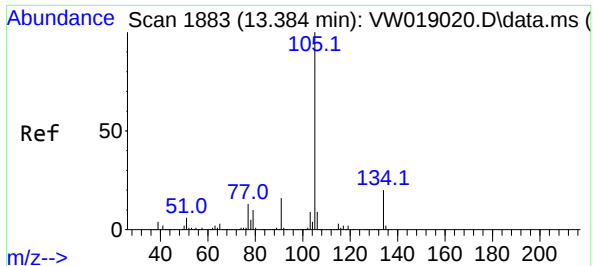
Tgt Ion:105 Resp: 42542
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.0



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

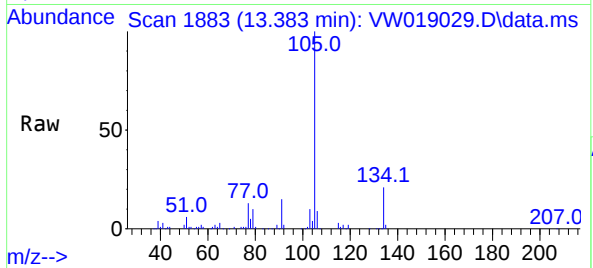
Manual Integrations
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#85
 sec-Butylbenzene
 Concen: 2.45 ug/l
 RT: 13.383 min Scan# 1883
 Delta R.T. -0.000 min
 Lab File: VW019029.D
 Acq: 18 May 2021 20:42

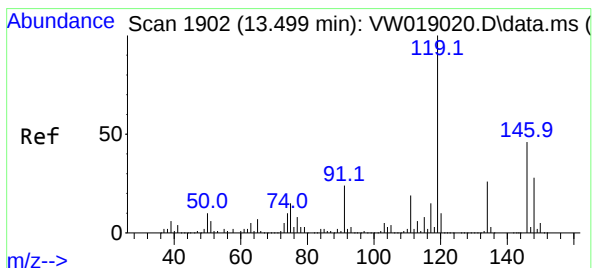
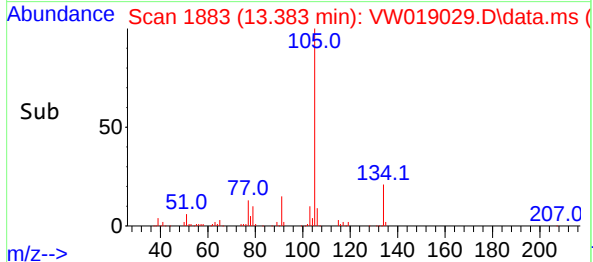
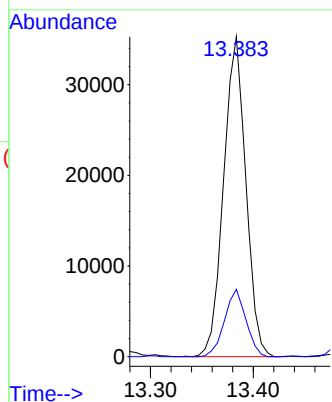
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021



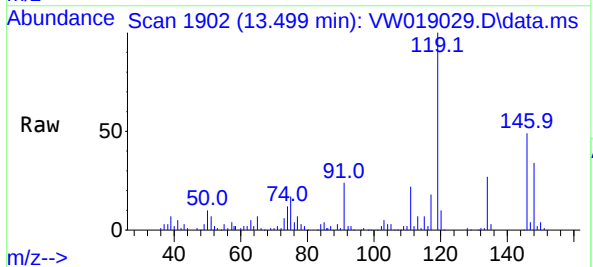
Tgt Ion:105 Resp: 52936
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1

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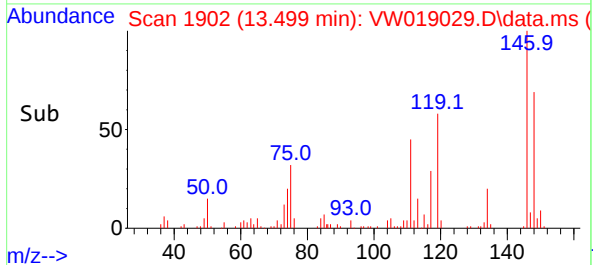
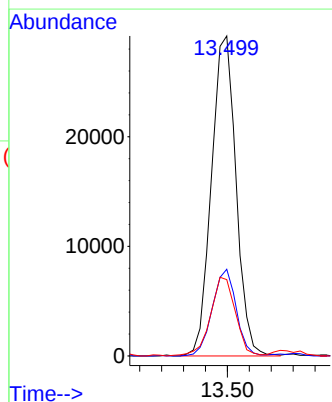
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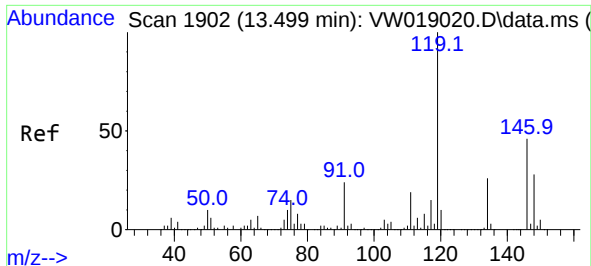


#86
 p-Isopropyltoluene
 Concen: 2.44 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. -0.000 min
 Lab File: VW019029.D
 Acq: 18 May 2021 20:42

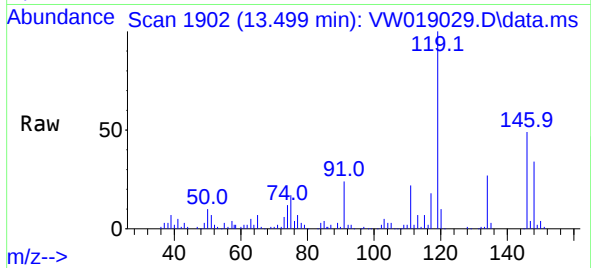


Tgt Ion:119 Resp: 45558
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 25.0 12.1 36.3

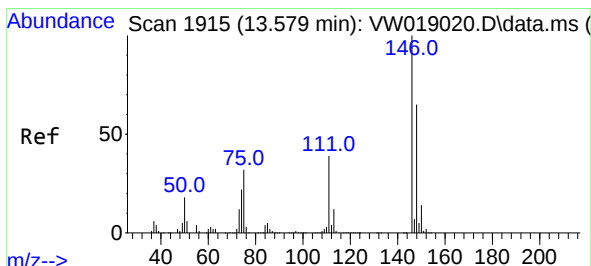
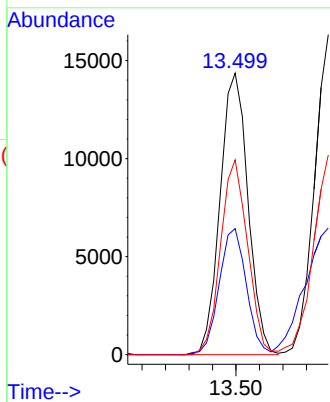
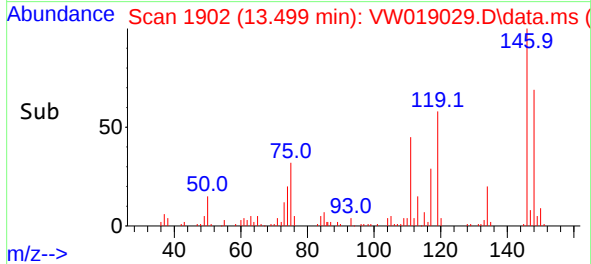




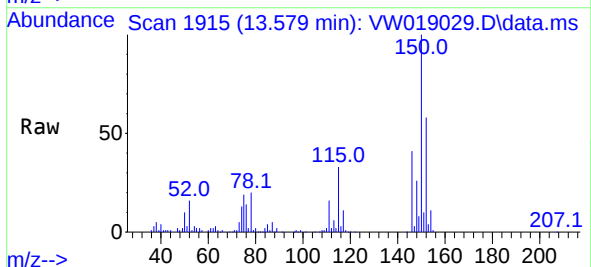
#87
1,3-Dichlorobenzene
Concen: 2.59 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



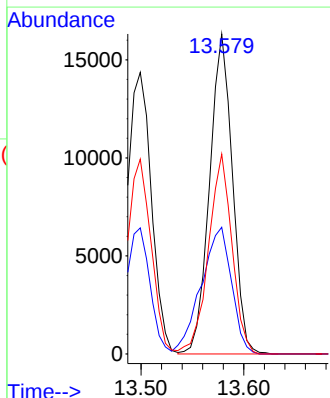
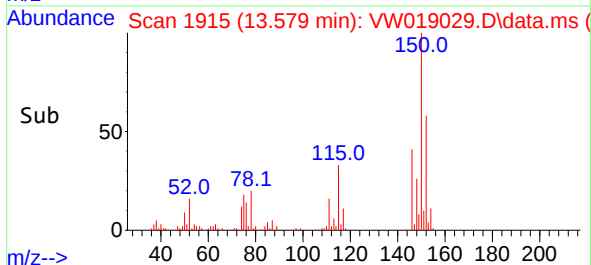
Tgt Ion:146 Resp: 23732
Ion Ratio Lower Upper
146 100
111 43.7 20.7 62.1
148 67.2 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 2.79 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



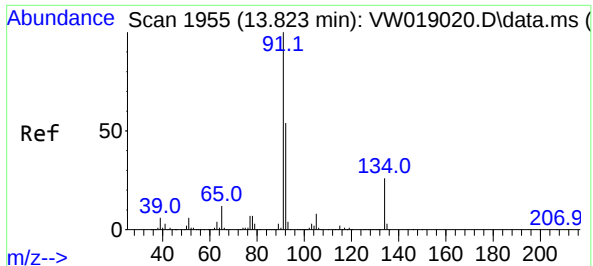
Tgt Ion:146 Resp: 25164
Ion Ratio Lower Upper
146 100
111 52.8 20.1 60.3
148 64.3 32.4 97.2



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

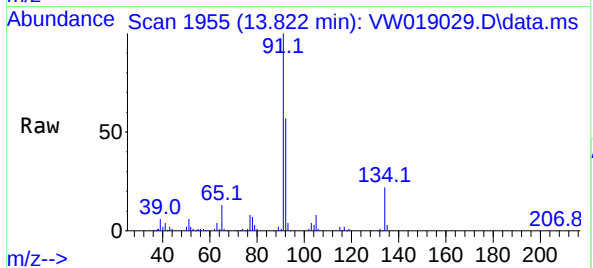
Manual Integrations
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#89
n-Butylbenzene
Concen: 2.42 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

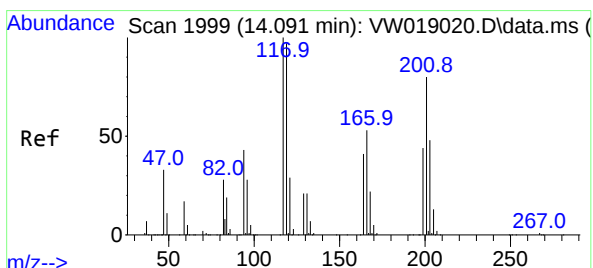
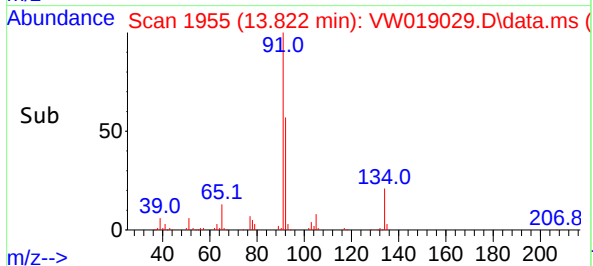
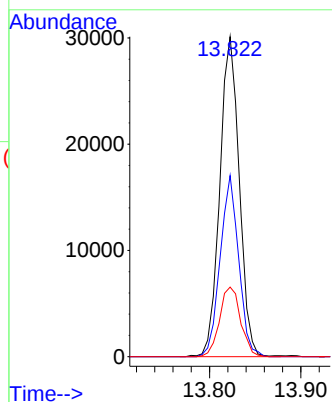
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion: 91 Resp: 44543
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.8
134 23.6 12.7 38.0

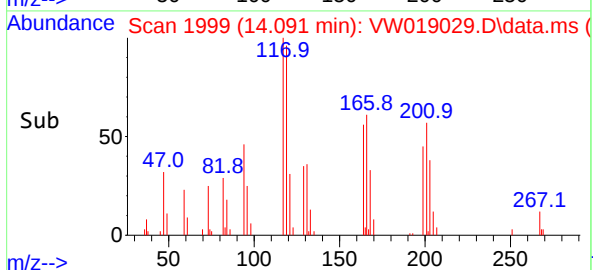
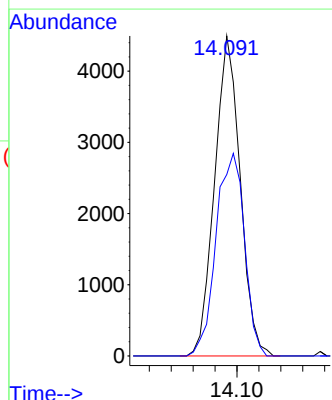
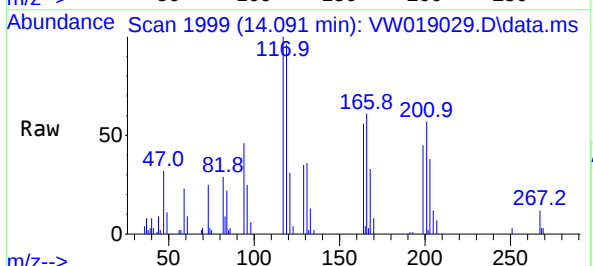
Manual Integrations
APPROVED

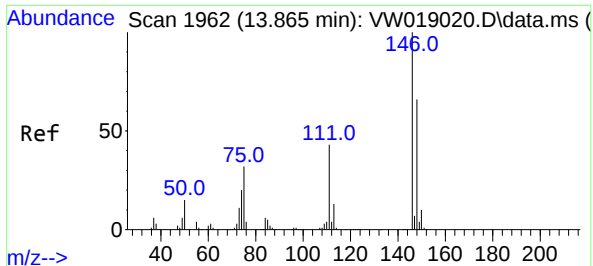
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5/20/2021 5:59:01 PM



#90
Hexachloroethane
Concen: 2.48 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

Tgt Ion: 117 Resp: 7278
Ion Ratio Lower Upper
117 100
201 70.3 38.4 115.2





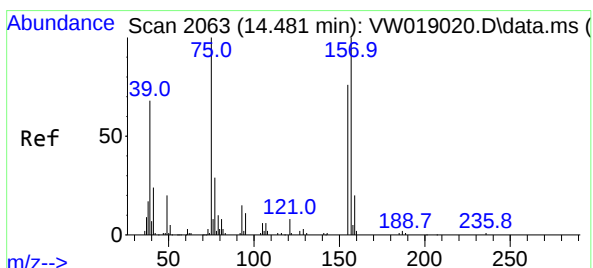
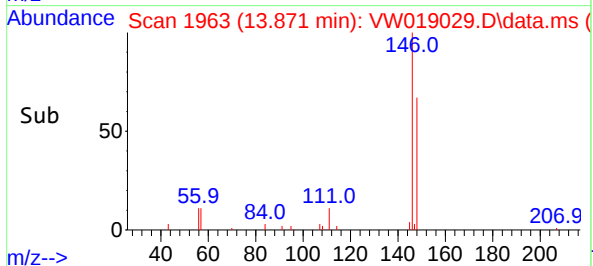
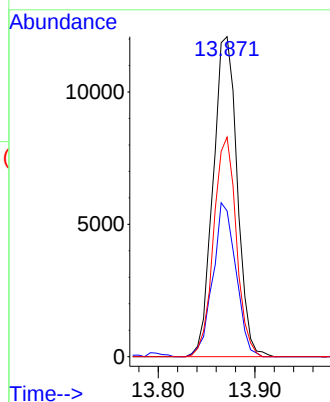
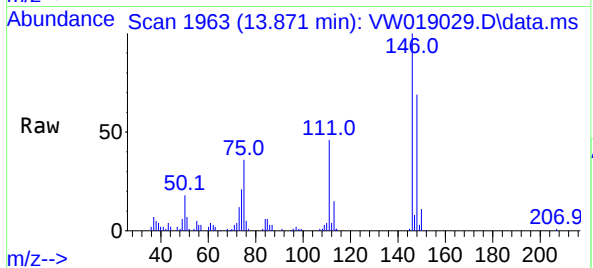
#91
1,2-Dichlorobenzene
Concen: 2.58 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

Tgt Ion:	146	Resp:	20892
Ion Ratio	Lower	Upper	
146	100		
111	45.9	21.1	63.1
148	64.6	32.6	97.7

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

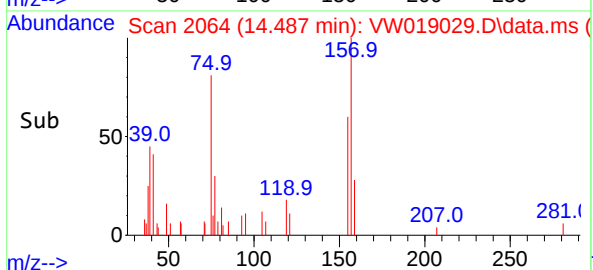
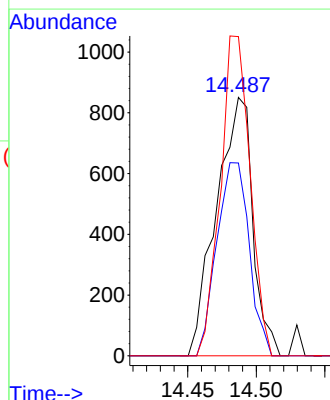
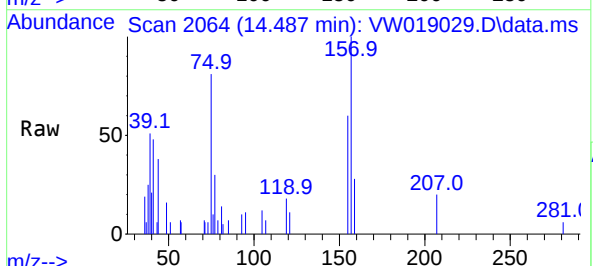
Manual Integrations
APPROVED

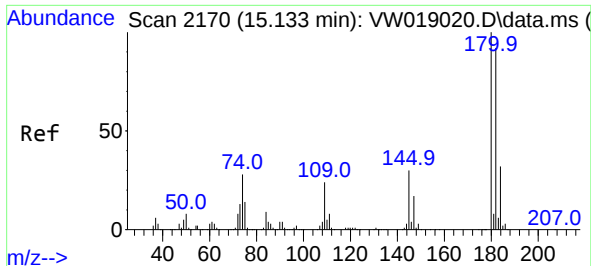
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#92
1,2-Dibromo-3-Chloropropane
Concen: 2.70 ug/l
RT: 14.487 min Scan# 2064
Delta R.T. 0.006 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

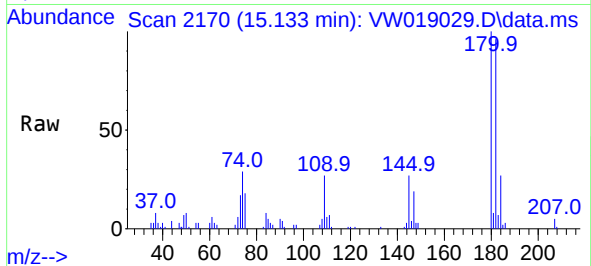
Tgt Ion:	75	Resp:	1569
Ion Ratio	Lower	Upper	
75	100		
155	66.5	41.3	124.1
157	101.3	51.2	153.6





#93
1,2,4-Trichlorobenzene
Concen: 2.87 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

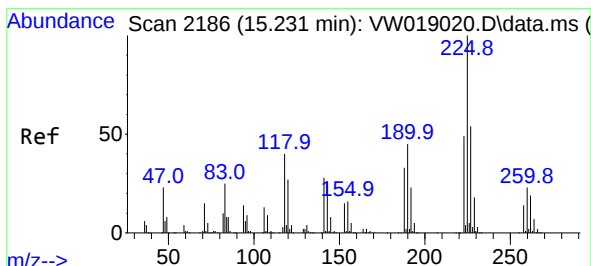
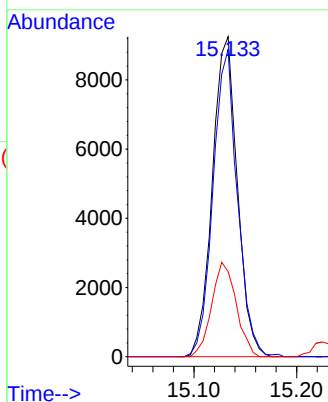
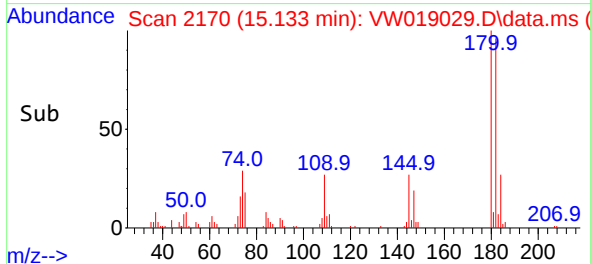
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



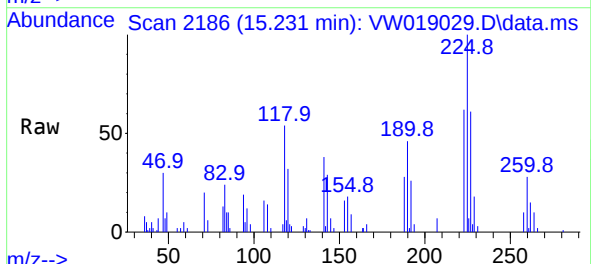
Tgt Ion:180 Resp: 15585
Ion Ratio Lower Upper
180 100
182 93.7 48.9 146.7
145 29.0 15.4 46.1

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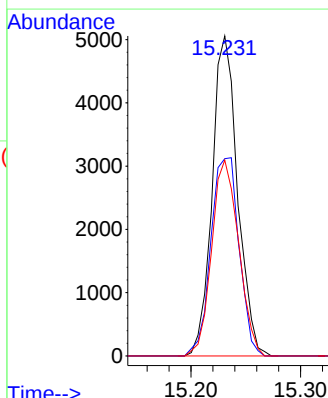
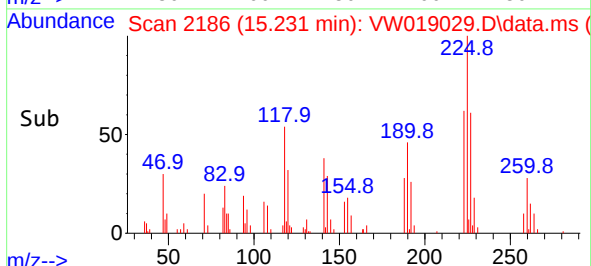
MMDadoda
5/20/2021 5:59:01 PM

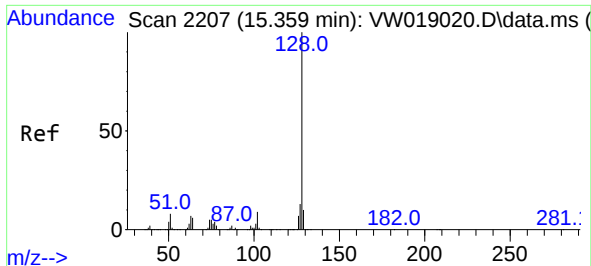


#94
Hexachlorobutadiene
Concen: 2.60 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42

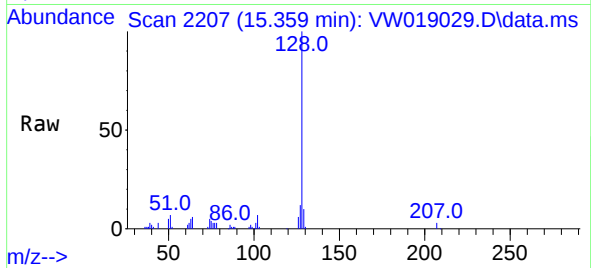


Tgt Ion:225 Resp: 8132
Ion Ratio Lower Upper
225 100
223 68.9 29.6 88.8
227 65.2 30.4 91.3

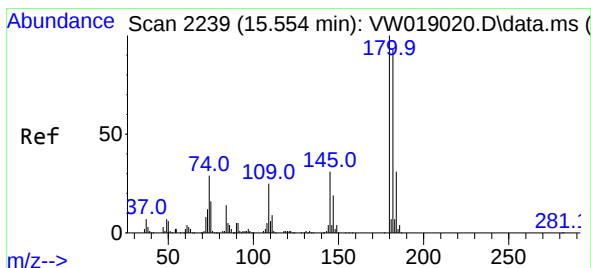
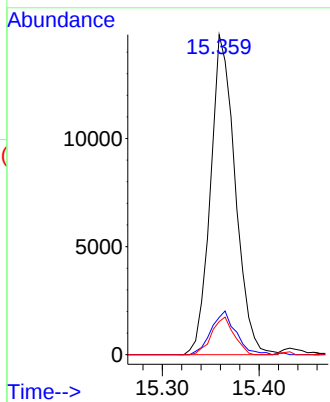
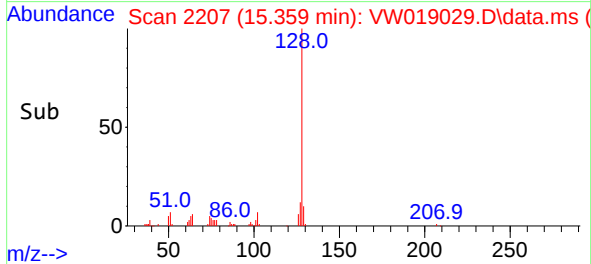




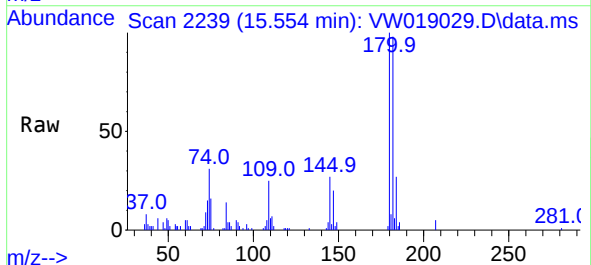
#95
Naphthalene
Concen: 2.66 ug/l
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



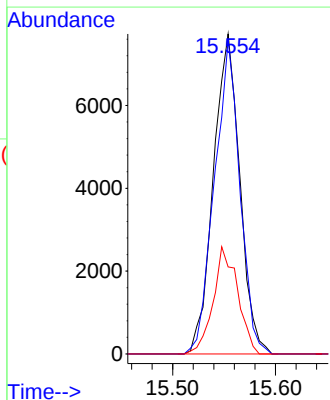
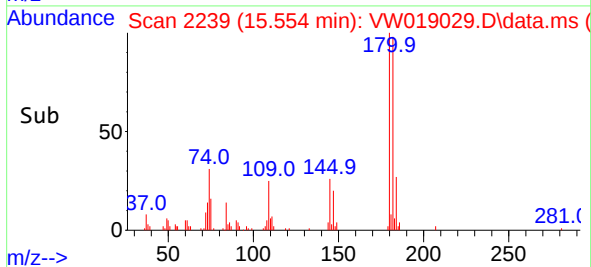
Tgt Ion:	128	Resp:	26267
Ion Ratio	100	Lower	Upper
128	100		
127	13.6	10.4	15.6
129	10.6	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 2.93 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW019029.D
Acq: 18 May 2021 20:42



Tgt Ion:	180	Resp:	13749
Ion Ratio	100	Lower	Upper
180	100		
182	94.4	47.4	142.3
145	31.1	16.1	48.2



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

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