

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052121\
 Data File : VW019047.D
 Acq On : 20 May 2021 18:05
 Operator : SY/VA
 Sample : M2262-01 2.5PPBLOD
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: May 21 05:21:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 21 05:20:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	351576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	619949	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	561932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	269952	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	215268	60.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.06%	
35) Dibromofluoromethane	7.885	113	191800	55.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.12%	
50) Toluene-d8	10.323	98	764425	56.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.54%	
62) 4-Bromofluorobenzene	12.615	95	266728	54.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.92%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.008	85	5323	2.25	ug/l	81
3) Chloromethane	2.215	50	7615	2.90	ug/l	97
4) Vinyl Chloride	2.367	62	9444	2.45	ug/l	99
5) Bromomethane	2.782	94	9419	2.91	ug/l	94
6) Chloroethane	2.928	64	6553	2.47	ug/l #	87
7) Trichlorofluoromethane	3.263	101	4448	2.10	ug/l	98
8) Diethyl Ether	3.684	74	5215	2.83	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.080	101	8860	2.58	ug/l	98
10) Methyl Iodide	4.275	142	12736	2.53	ug/l	97
11) Tert butyl alcohol	5.190	59	5391	25.82	ug/l #	85
12) 1,1-Dichloroethene	4.050	96	8744	2.50	ug/l	90
13) Acrolein	3.897	56	2914	12.30	ug/l	97
14) Allyl chloride	4.672	41	11112	2.44	ug/l	97
15) Acrylonitrile	5.367	53	8691	12.55	ug/l	98
16) Acetone	4.135	43	12311	21.84	ug/l #	85
17) Carbon Disulfide	4.397	76	22811	2.38	ug/l	98
18) Methyl Acetate	4.684	43	4782	2.88	ug/l	100
19) Methyl tert-butyl Ether	5.422	73	11777	2.68	ug/l	99
20) Methylene Chloride	4.922	84	36144	7.15	ug/l	95
21) trans-1,2-Dichloroethene	5.428	96	10679	2.67	ug/l	95
22) Diisopropyl ether	6.318	45	23285	2.51	ug/l	92
23) Vinyl Acetate	6.263	43	69491	11.14	ug/l	95
24) 1,1-Dichloroethane	6.220	63	19149	2.67	ug/l	99
25) 2-Butanone	7.177	43	13475	14.55	ug/l	95
26) 2,2-Dichloropropane	7.159	77	12317	3.19	ug/l	87
27) cis-1,2-Dichloroethene	7.171	96	11828	2.66	ug/l	92
28) Bromochloromethane	7.513	49	7723	2.65	ug/l	98
29) Tetrahydrofuran	7.537	42	7701	14.22	ug/l	94
30) Chloroform	7.677	83	20025	2.74	ug/l	93
31) Cyclohexane	7.952	56	22459	3.74	ug/l #	68
32) 1,1,1-Trichloroethane	7.872	97	14155	2.61	ug/l	98
36) 1,1-Dichloropropene	8.086	75	15391	2.49	ug/l	99
37) Ethyl Acetate	7.257	43	7975	3.34	ug/l	98
38) Carbon Tetrachloride	8.067	117	13011	2.39	ug/l	96
39) Methylcyclohexane	9.342	83	16618	2.43	ug/l	96
40) Benzene	8.323	78	43473	2.52	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	2983	2.29	ug/l	94
42) 1,2-Dichloroethane	8.403	62	13384	2.62	ug/l	99
43) Isopropyl Acetate	8.427	43	10440	2.34	ug/l	98
44) Trichloroethene	9.092	130	11120	2.50	ug/l	95
45) 1,2-Dichloropropane	9.372	63	10745	2.57	ug/l	97
46) Dibromomethane	9.457	93	5640	2.49	ug/l	98
47) Bromodichloromethane	9.646	83	13593	2.41	ug/l	94
48) Methyl methacrylate	9.439	41	4157	2.03	ug/l #	84
49) 1,4-Dioxane	9.457	88	1376	53.26	ug/l	94
51) 4-Methyl-2-Pentanone	10.207	43	28903	12.52	ug/l	97
52) Toluene	10.390	92	27664	2.53	ug/l	98
53) t-1,3-Dichloropropene	10.604	75	11931	2.15	ug/l	94
54) cis-1,3-Dichloropropene	10.073	75	14156	2.14	ug/l #	90
55) 1,1,2-Trichloroethane	10.786	97	7465	2.38	ug/l	98
56) Ethyl methacrylate	10.646	69	8556	2.17	ug/l	95
57) 1,3-Dichloropropane	10.933	76	14079	2.51	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	24839	12.21	ug/l	98
59) 2-Hexanone	10.969	43	17253	11.25	ug/l	96
60) Dibromochloromethane	11.128	129	7580	2.16	ug/l	95
61) 1,2-Dibromoethane	11.238	107	7226	2.40	ug/l	99
64) Tetrachloroethene	10.860	164	9234	2.53	ug/l	92
65) Chlorobenzene	11.658	112	29473	2.58	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.725	131	9149	2.35	ug/l	98
67) Ethyl Benzene	11.731	91	50990	2.41	ug/l	99
68) m/p-Xylenes	11.835	106	36871	4.64	ug/l	98
69) o-Xylene	12.164	106	17395	2.35	ug/l	98
70) Styrene	12.183	104	28229	2.25	ug/l	99
71) Bromoform	12.347	173	4339	2.22	ug/l #	97
73) Isopropylbenzene	12.463	105	45841	2.32	ug/l	100
74) N-amyl acetate	12.274	43	9311	2.28	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.713	83	9375	2.65	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	5812m	2.28	ug/l	
77) Bromobenzene	12.743	156	11291	2.59	ug/l	97
78) n-propylbenzene	12.804	91	57935	2.39	ug/l	98
79) 2-Chlorotoluene	12.890	91	34222	2.48	ug/l	98
80) 1,3,5-Trimethylbenzene	12.945	105	39969	2.38	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.512	75	2103m	2.01	ug/l	
82) 4-Chlorotoluene	12.987	91	35524	2.43	ug/l	99
83) tert-Butylbenzene	13.207	119	34041	2.40	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	39273	2.36	ug/l	97
85) sec-Butylbenzene	13.384	105	50280	2.40	ug/l	99
86) p-Isopropyltoluene	13.499	119	40856	2.25	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	22960	2.58	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	23250	2.65	ug/l	86
89) n-Butylbenzene	13.823	91	42954	2.40	ug/l	98
90) Hexachloroethane	14.091	117	6696	2.35	ug/l	94
91) 1,2-Dichlorobenzene	13.865	146	20429	2.59	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.481	75	1471	2.60	ug/l	84
93) 1,2,4-Trichlorobenzene	15.133	180	13302	2.52	ug/l	95
94) Hexachlorobutadiene	15.231	225	7450	2.44	ug/l	95
95) Naphthalene	15.365	128	23384	2.43	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	11934	2.61	ug/l	97

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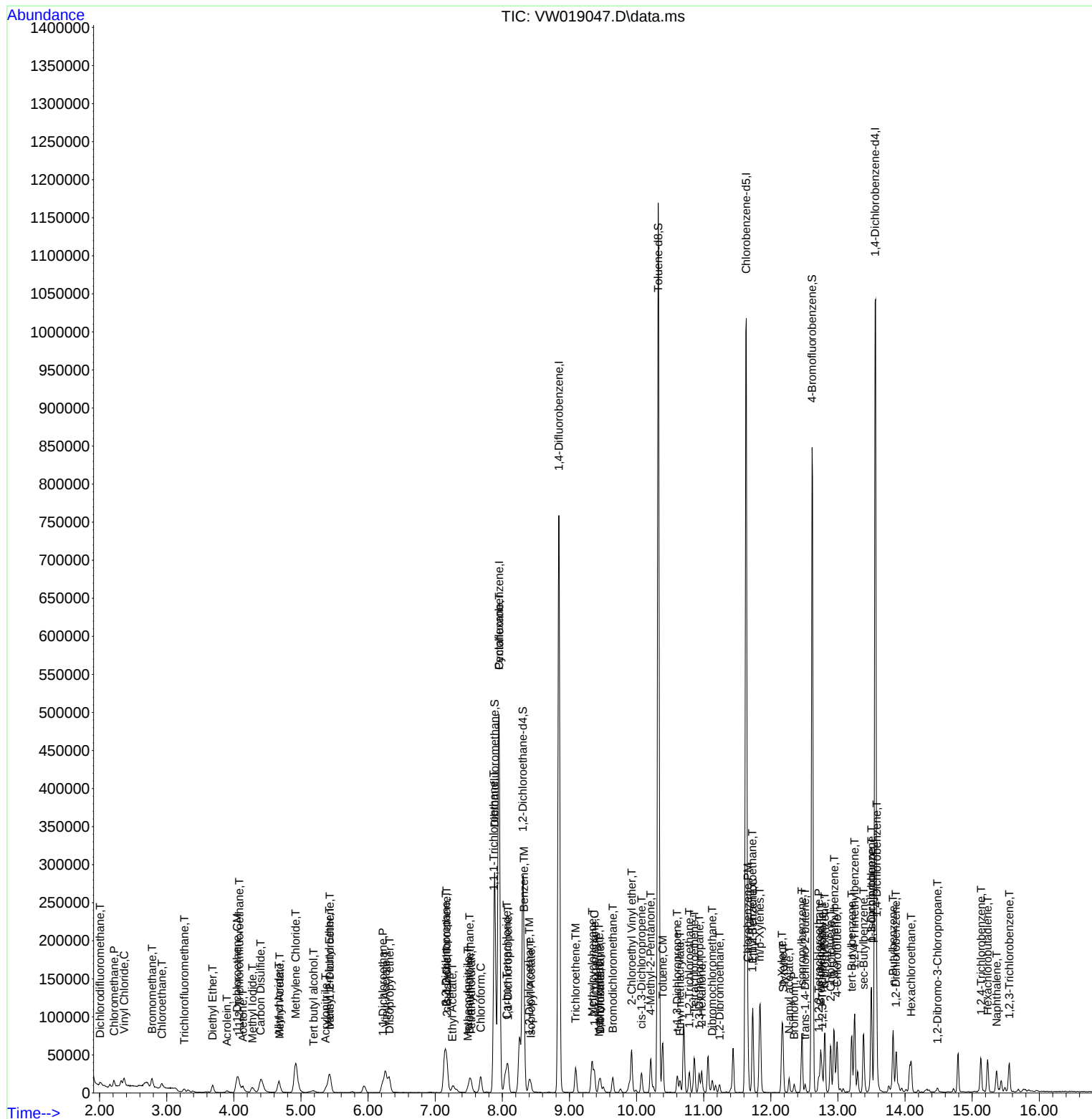
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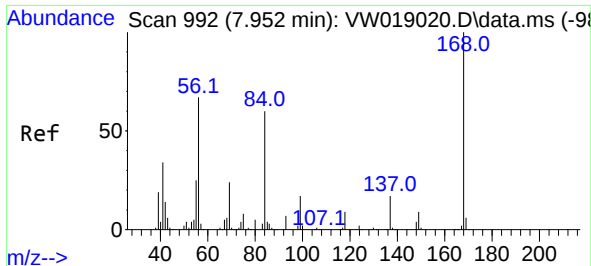
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

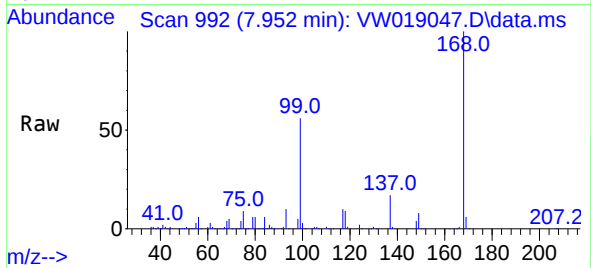
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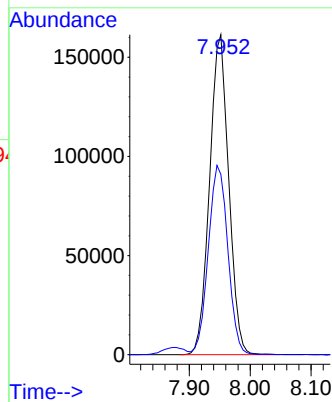
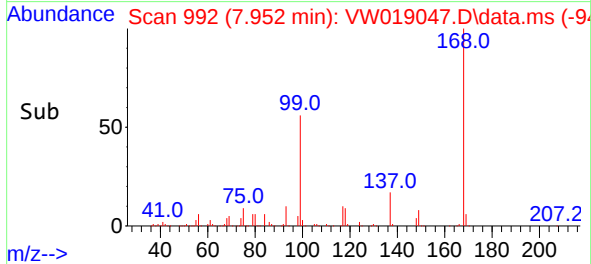




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.000 min
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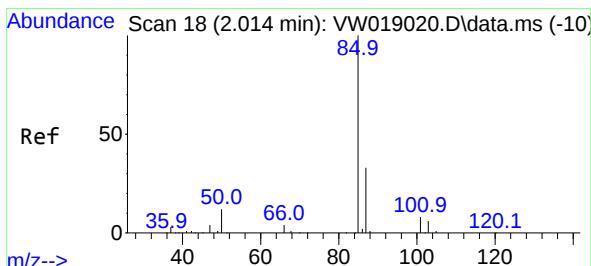
Tgt Ion: 168 Resp: 351576
Ion Ratio Lower Upper
168 100
99 56.3 48.8 73.2



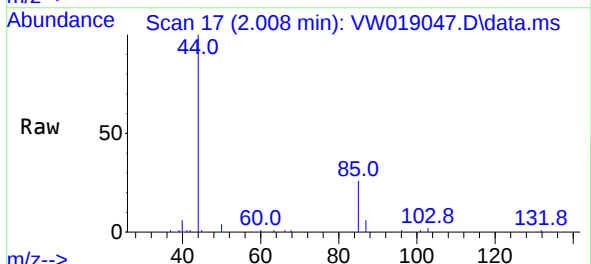
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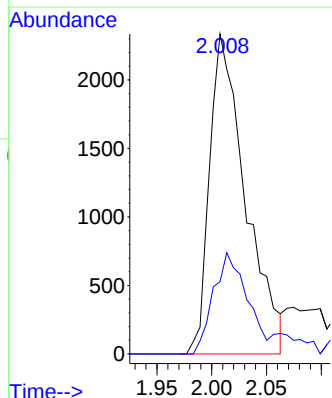
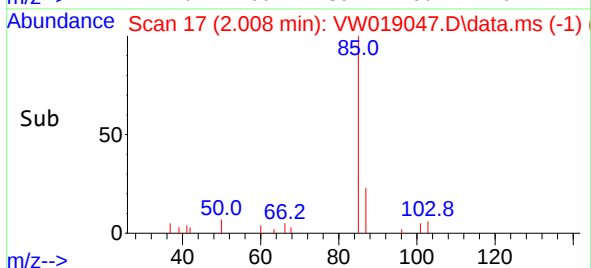
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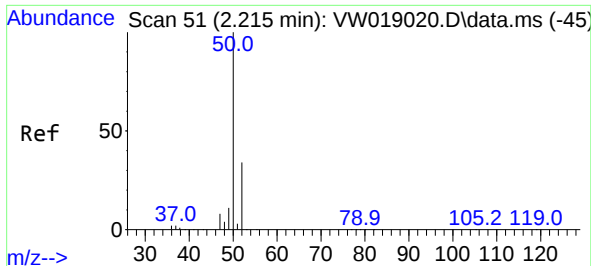


#2
Dichlorodifluoromethane
Concen: 2.25 ug/l
RT: 2.008 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



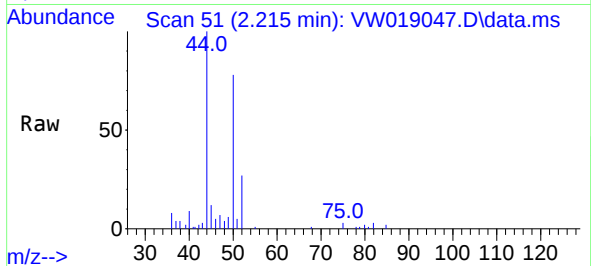
Tgt Ion: 85 Resp: 5323
Ion Ratio Lower Upper
85 100
87 22.6 16.7 50.0





#3
Chloromethane
Concen: 2.90 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW019047.D
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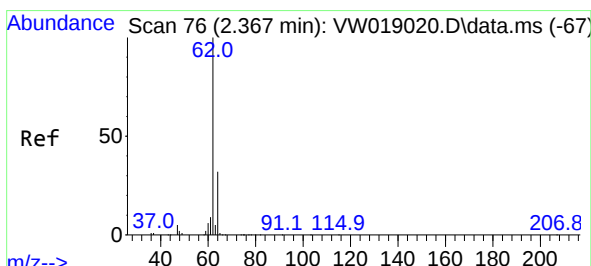
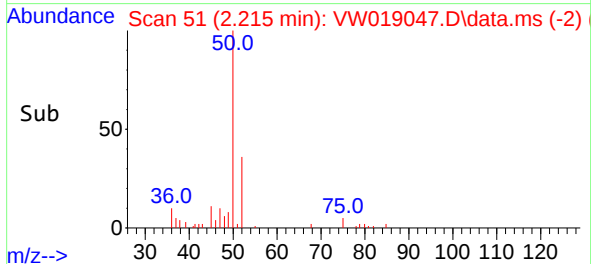
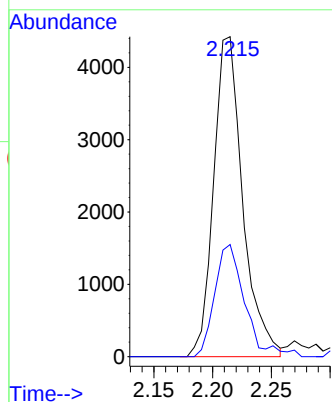
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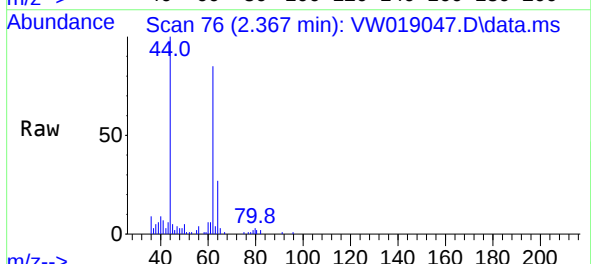
Tgt Ion: 50 Resp: 7615
Ion Ratio Lower Upper
50 100
52 35.0 26.9 40.3

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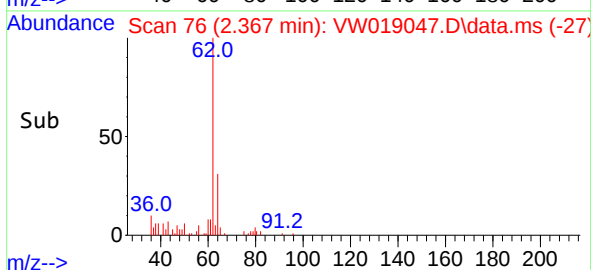
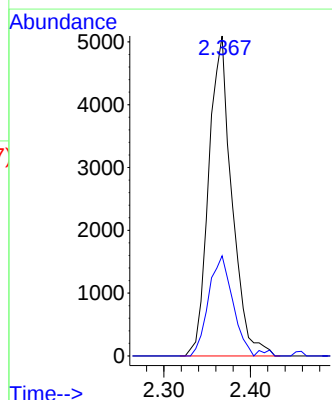
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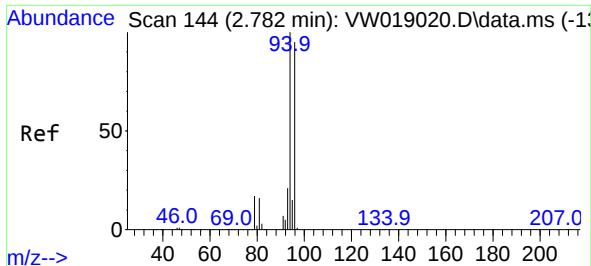


#4
Vinyl Chloride
Concen: 2.45 ug/l
RT: 2.367 min Scan# 76
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



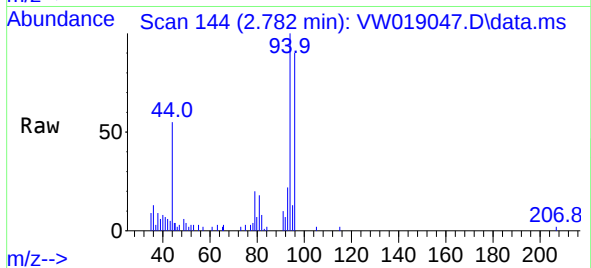
Tgt Ion: 62 Resp: 9444
Ion Ratio Lower Upper
62 100
64 31.3 25.3 37.9





#5
Bromomethane
Concen: 2.91 ug/l
RT: 2.782 min Scan# 144
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

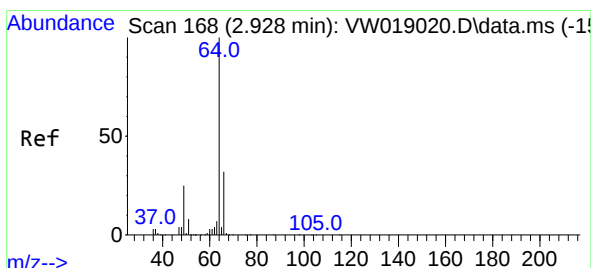
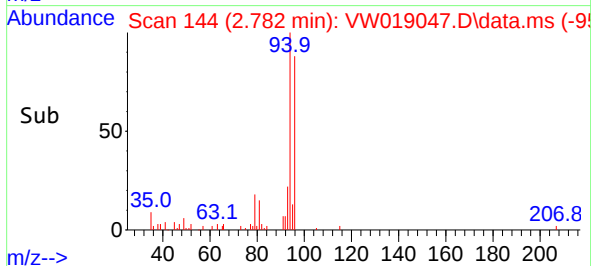
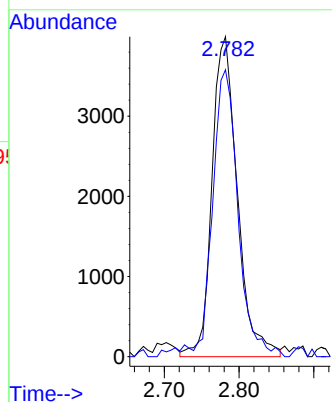
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Tgt Ion: 94 Resp: 9419
Ion Ratio Lower Upper
94 100
96 89.3 76.4 114.6

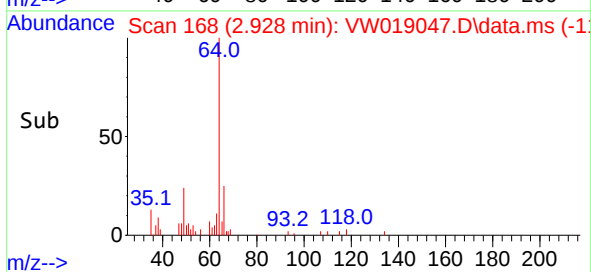
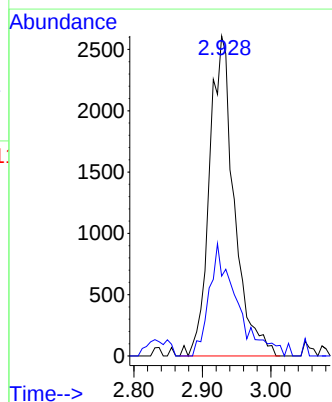
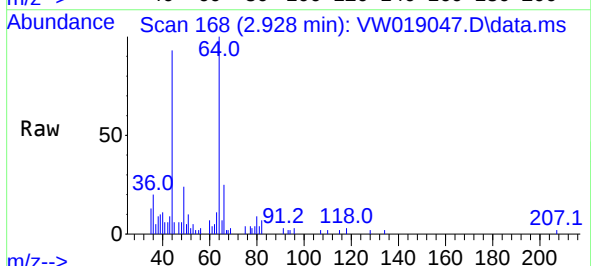
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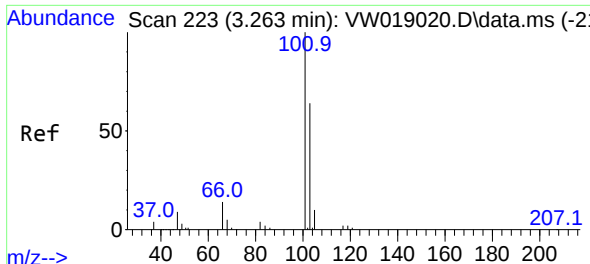
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#6
Chloroethane
Concen: 2.47 ug/l
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 6553
Ion Ratio Lower Upper
64 100
66 25.0 25.9 38.9#





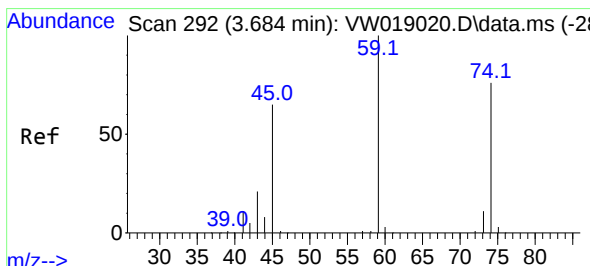
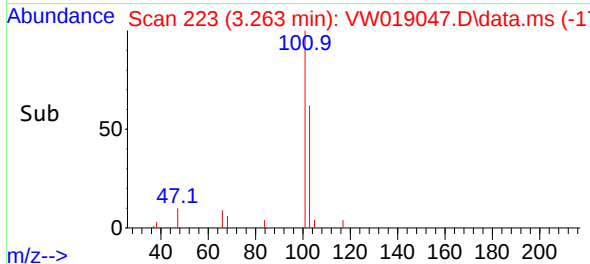
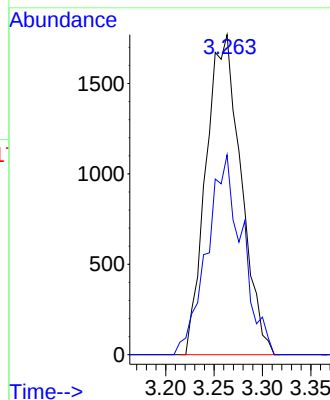
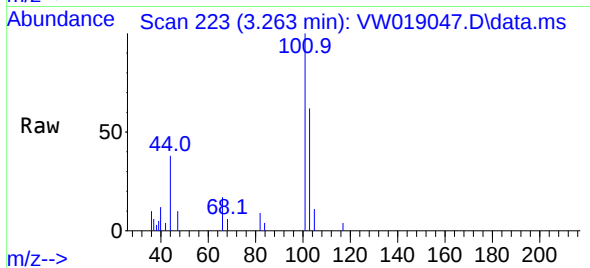
#7
Trichlorofluoromethane
Concen: 2.10 ug/l
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion:101 Resp: 4448
Ion Ratio Lower Upper
101 100
103 62.4 51.4 77.2

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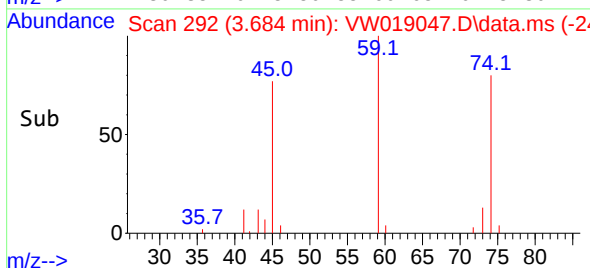
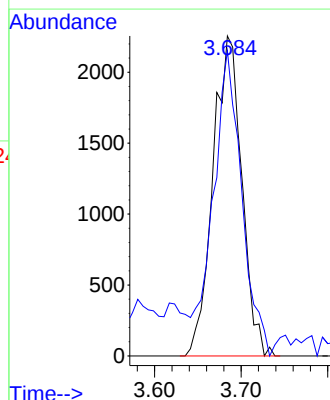
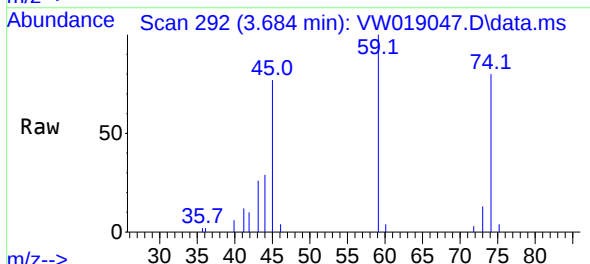
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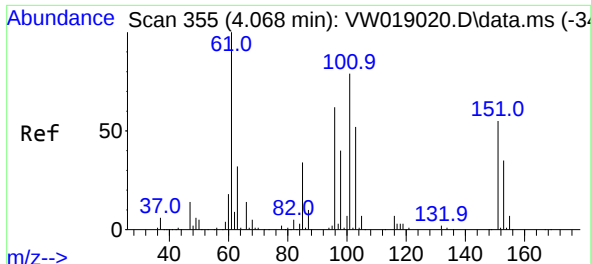
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#8
Diethyl Ether
Concen: 2.83 ug/l
RT: 3.684 min Scan# 292
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 5215
Ion Ratio Lower Upper
74 100
45 94.5 43.3 129.8





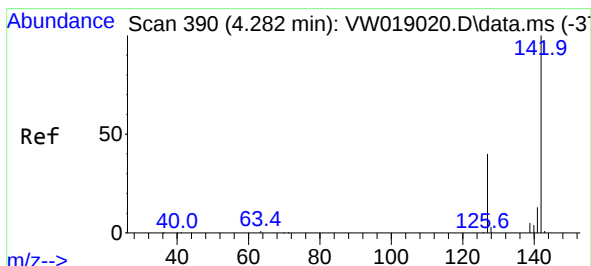
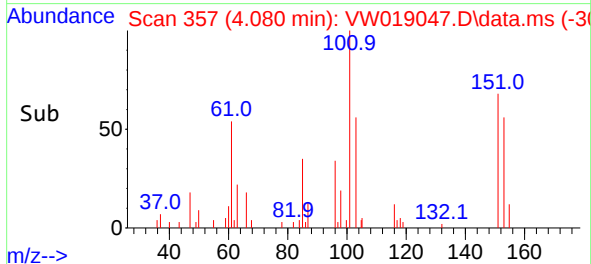
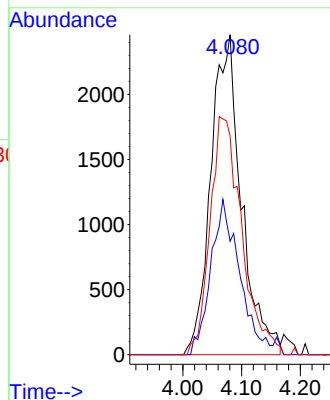
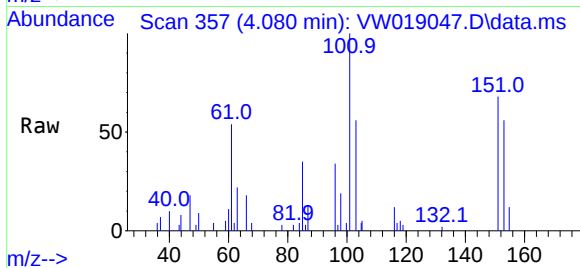
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.58 ug/l
RT: 4.080 min Scan# 357
Delta R.T. 0.012 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion:	101	Resp:	8860
Ion	Ratio	Lower	Upper
101	100		
85	45.9	35.9	53.9
151	77.0	59.8	89.6

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

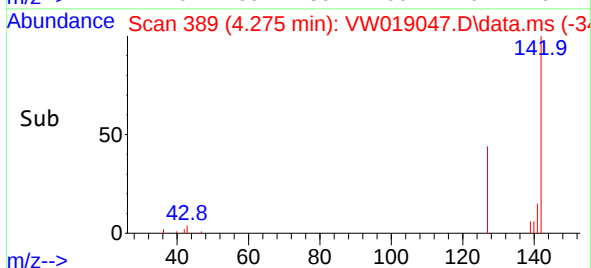
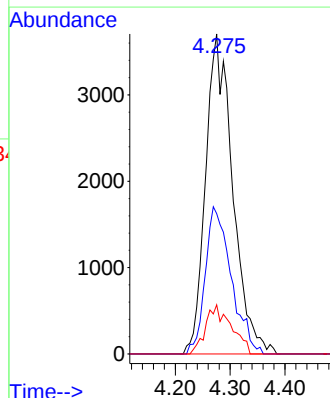
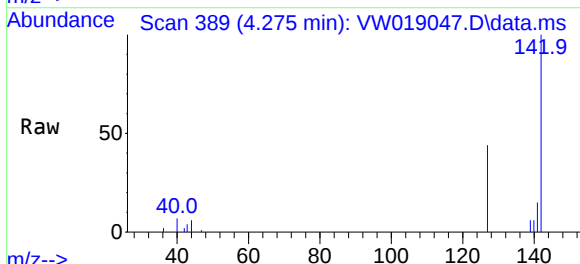
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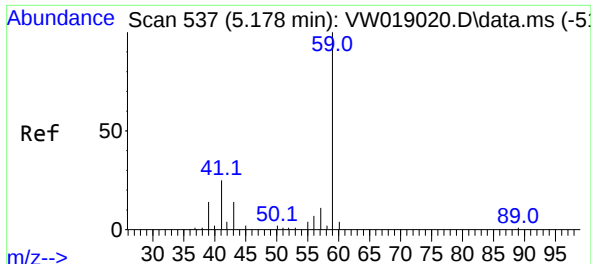
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#10
Methyl Iodide
Concen: 2.53 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion:	142	Resp:	12736
Ion	Ratio	Lower	Upper
142	100		
127	44.0	33.7	50.5
141	14.5	11.2	16.8

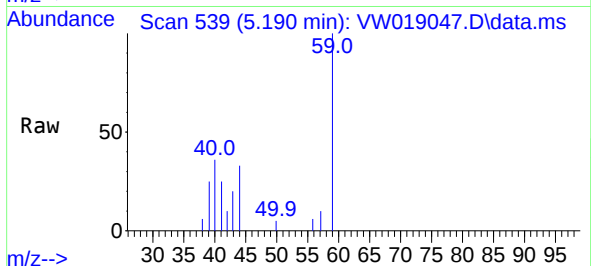




#11

Tert butyl alcohol
Concen: 25.82 ug/l
RT: 5.190 min Scan# 539
Delta R.T. 0.012 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

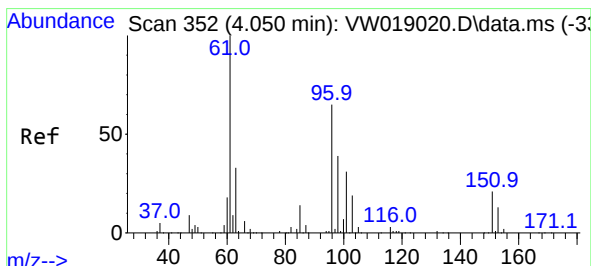
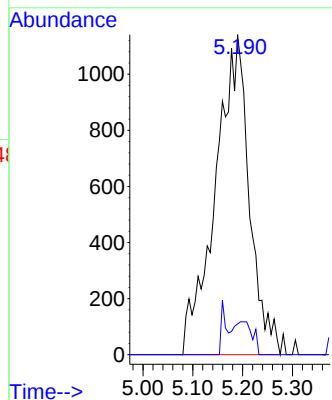
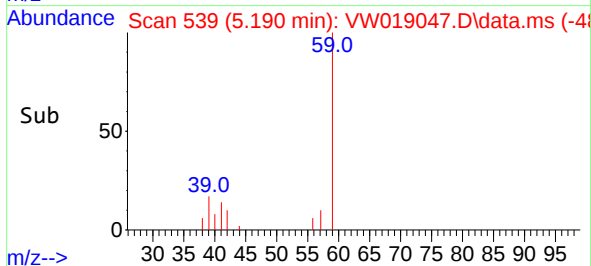
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion: 59 Resp: 5391
Ion Ratio Lower Upper
59 100
57 5.4 8.9 13.3#

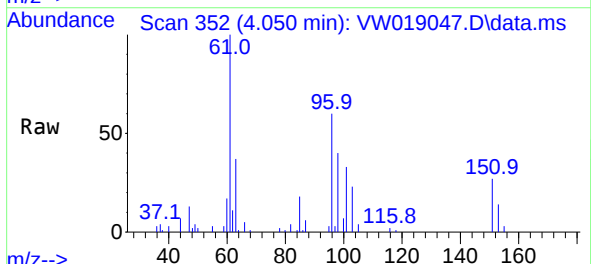
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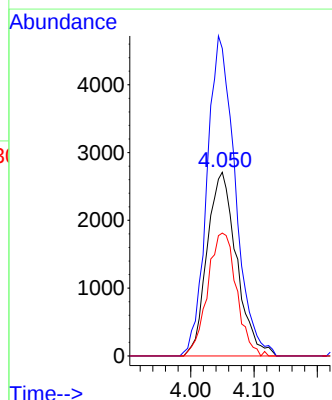
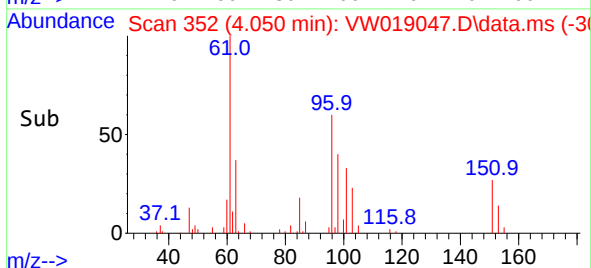


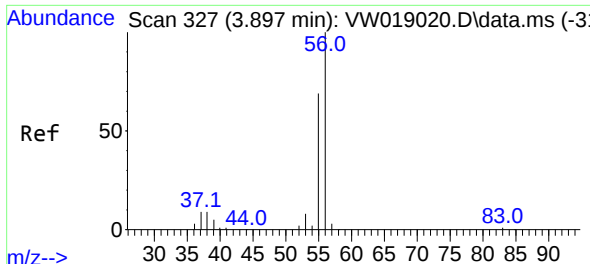
#12

1,1-Dichloroethene
Concen: 2.50 ug/l
RT: 4.050 min Scan# 352
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



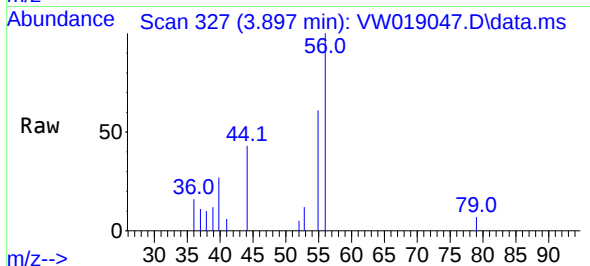
Tgt Ion: 96 Resp: 8744
Ion Ratio Lower Upper
96 100
61 167.4 123.0 184.4
98 66.9 47.5 71.3



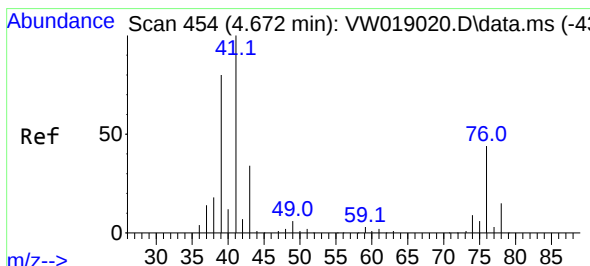
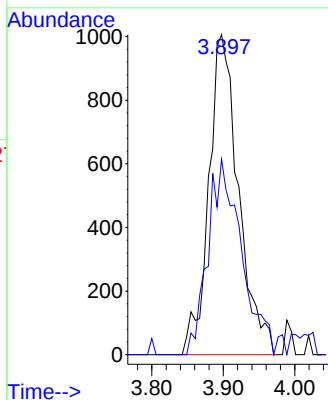
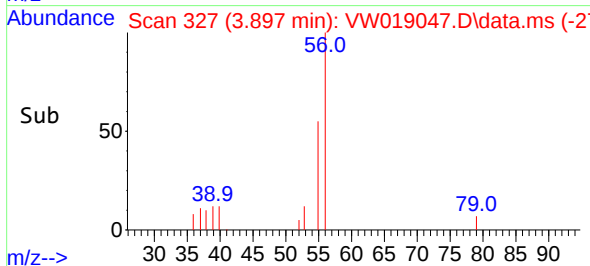


#13
Acrolein
Concen: 12.30 ug/l
RT: 3.897 min Scan# 327
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

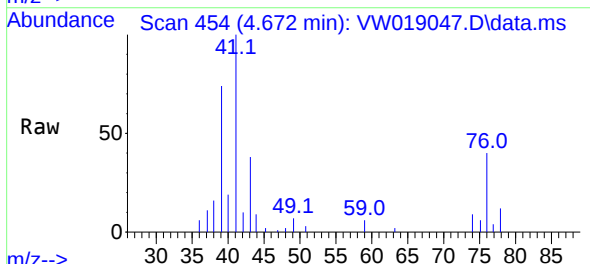
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



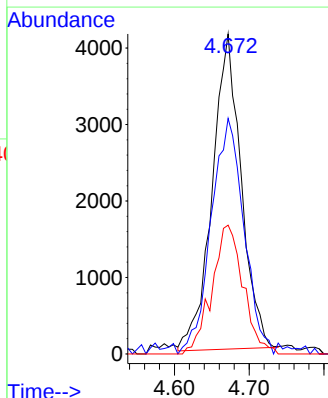
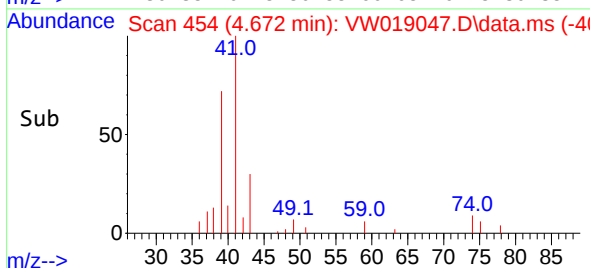
Tgt Ion: 56 Resp: 2914
Ion Ratio Lower Upper
56 100
55 68.3 56.7 85.1

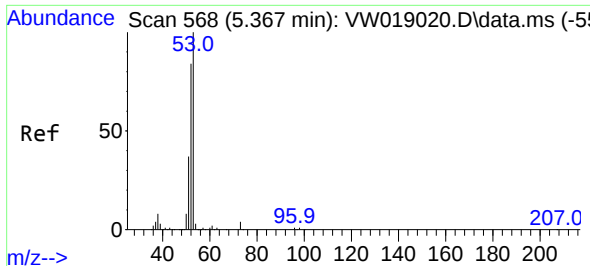


#14
Allyl chloride
Concen: 2.44 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



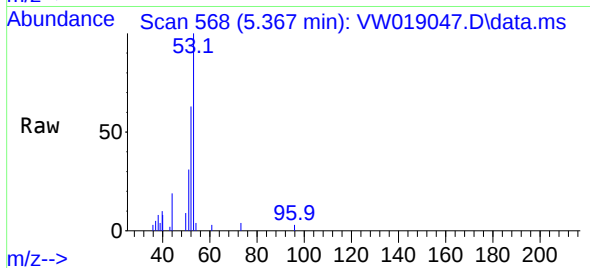
Tgt Ion: 41 Resp: 11112
Ion Ratio Lower Upper
41 100
39 84.3 63.9 95.9
76 44.1 35.1 52.7





#15
Acrylonitrile
Concen: 12.55 ug/l
RT: 5.367 min Scan# 568
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

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

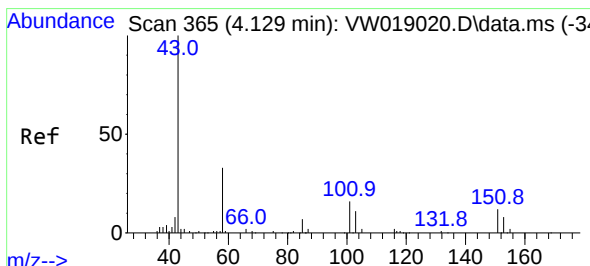
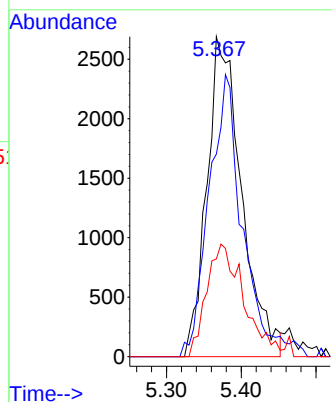


Tgt Ion: 53 Resp: 8691

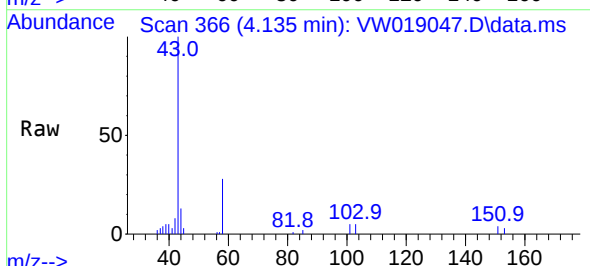
Ion	Ratio	Lower	Upper
53	100		
52	85.5	66.5	99.7
51	37.6	29.8	44.8

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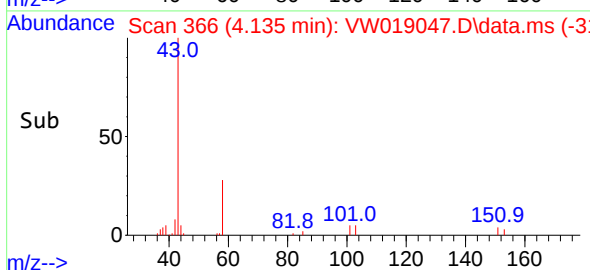
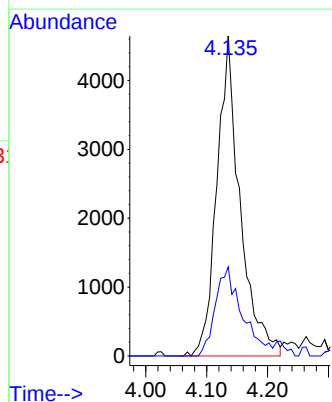


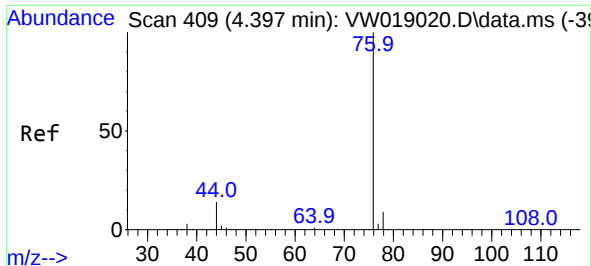
#16
Acetone
Concen: 21.84 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



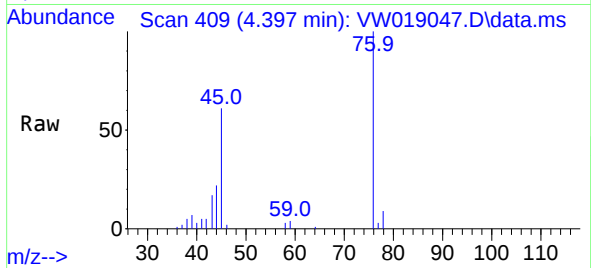
Tgt Ion: 43 Resp: 12311

Ion	Ratio	Lower	Upper
43	100		
58	24.6	26.4	39.6

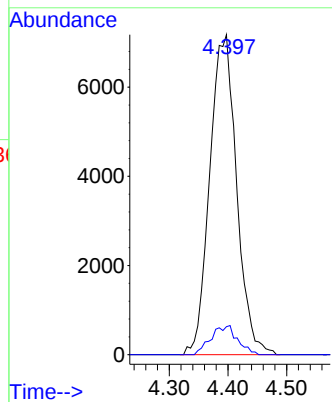
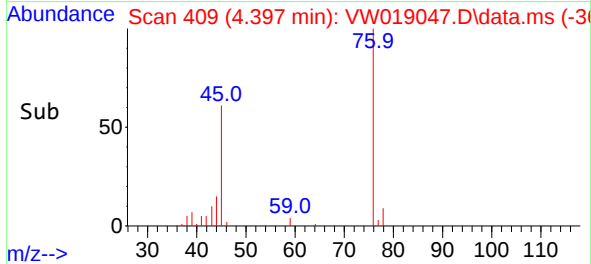




#17
Carbon Disulfide
Concen: 2.38 ug/l
RT: 4.397 min Scan# 409
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



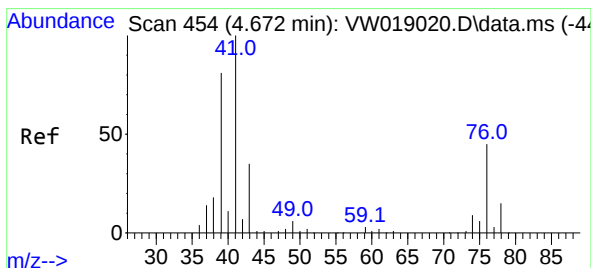
Tgt Ion: 76 Resp: 22811
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



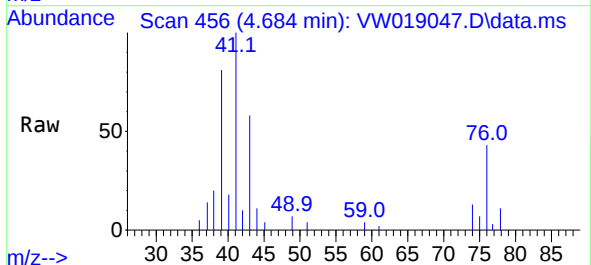
Instrument :
MSVOA_W
ClientSampleId :
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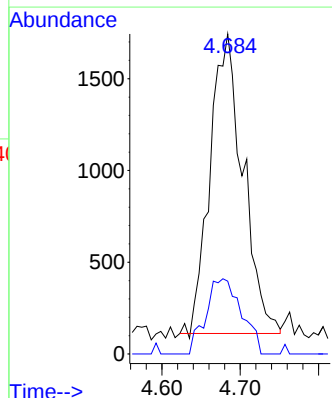
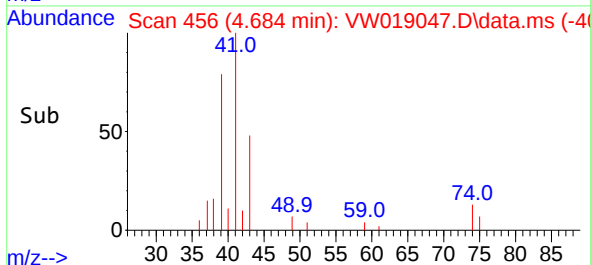
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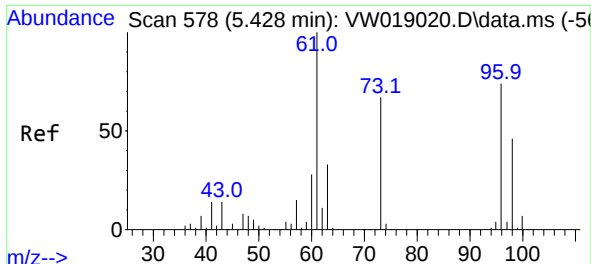


#18
Methyl Acetate
Concen: 2.88 ug/l
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

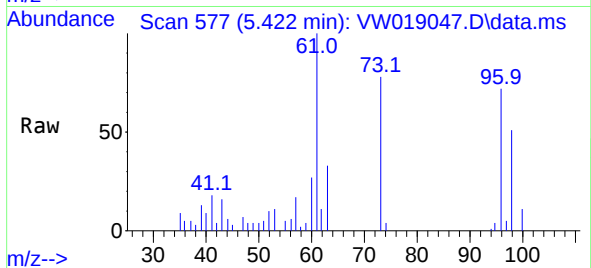


Tgt Ion: 43 Resp: 4782
Ion Ratio Lower Upper
43 100
74 27.1 21.8 32.8

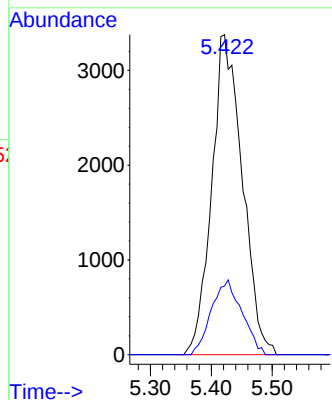
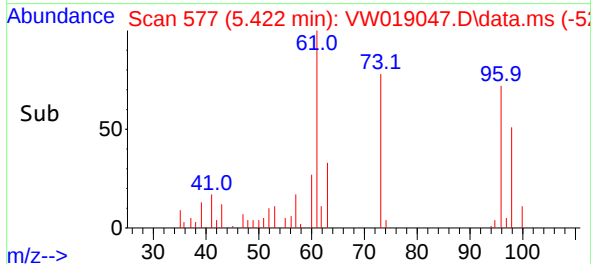




#19
Methyl tert-butyl Ether
Concen: 2.68 ug/l
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



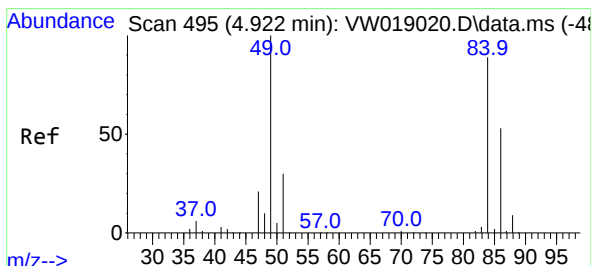
Tgt Ion: 73 Resp: 11777
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.0



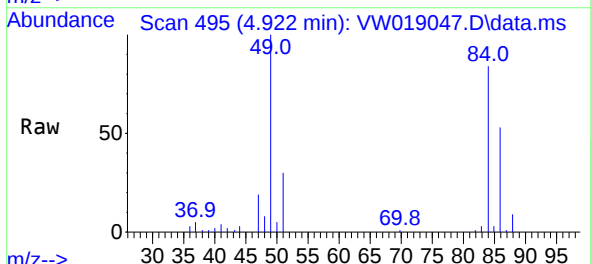
Instrument :
MSVOA_W
ClientSampleId :
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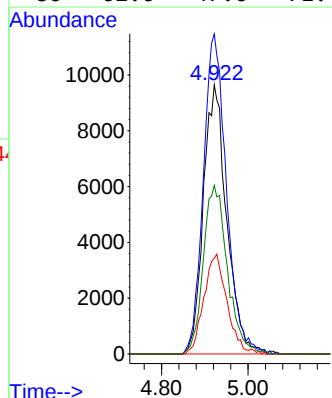
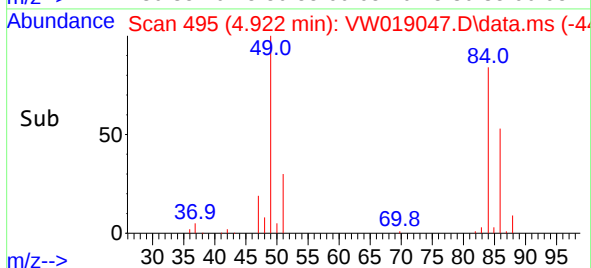
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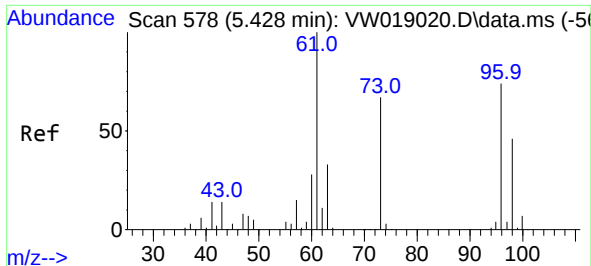


#20
Methylene Chloride
Concen: 7.15 ug/l
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

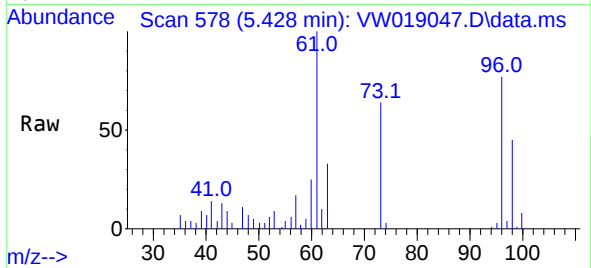


Tgt Ion: 84 Resp: 36144
Ion Ratio Lower Upper
84 100
49 118.9 90.4 135.6
51 35.6 27.1 40.7
86 62.6 47.6 71.4



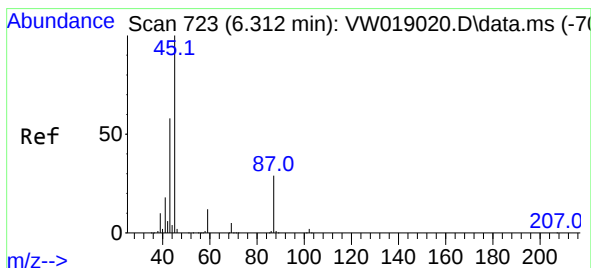
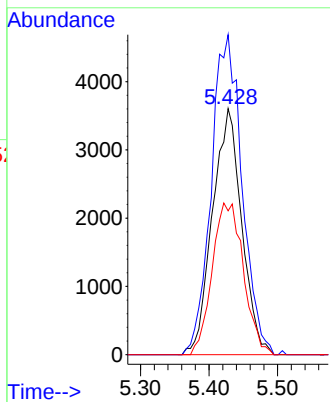
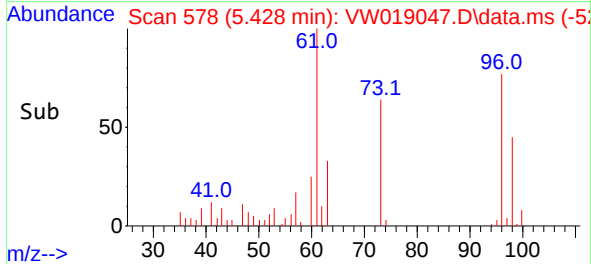


#21
trans-1,2-Dichloroethene
Concen: 2.67 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

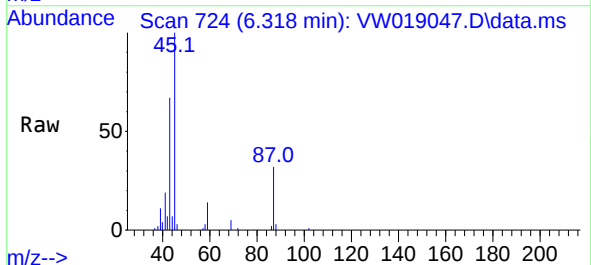


Tgt Ion: 96 Resp: 10679

Ion	Ratio	Lower	Upper
96	100		
61	130.0	108.5	162.7
98	58.4	49.4	74.0

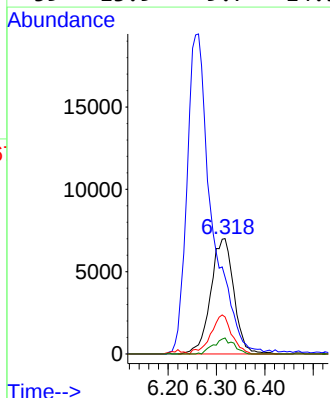
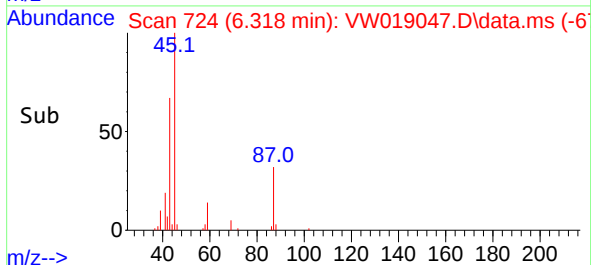


#22
Diisopropyl ether
Concen: 2.51 ug/l
RT: 6.318 min Scan# 724
Delta R.T. 0.006 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



Tgt Ion: 45 Resp: 23285

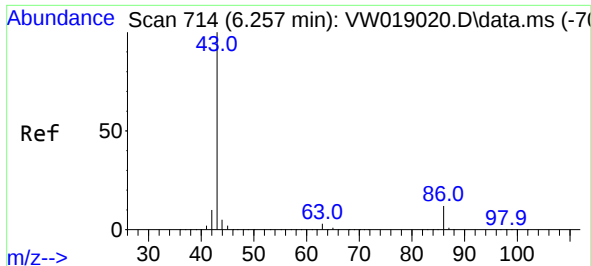
Ion	Ratio	Lower	Upper
45	100		
43	64.8	46.1	69.1
87	32.1	23.4	35.2
59	13.9	9.7	14.5



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

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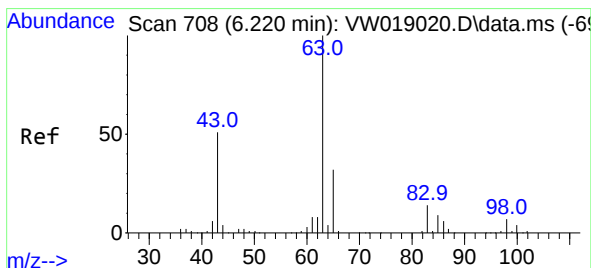
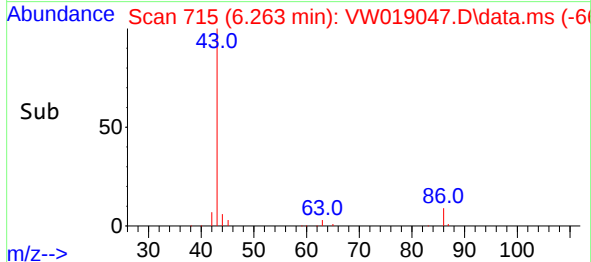
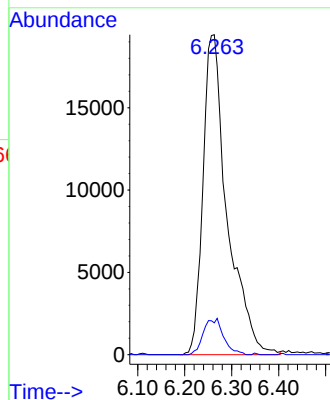
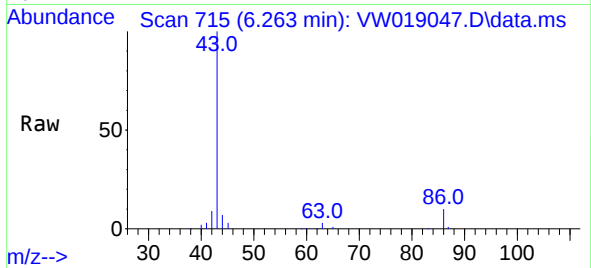
#23
 Vinyl Acetate
 Concen: 11.14 ug/l
 RT: 6.263 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW019047.D
 Acq: 20 May 2021 18:05

Tgt Ion: 43 Resp: 69491
 Ion Ratio Lower Upper
 43 100
 86 10.0 9.6 14.4

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

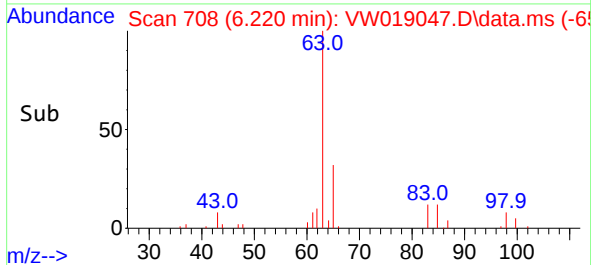
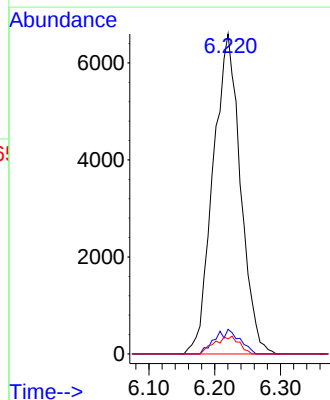
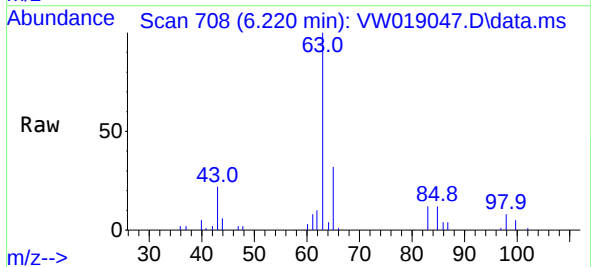
Manual Integrations
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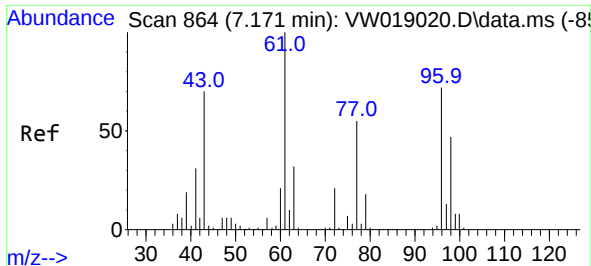
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#24
 1,1-Dichloroethane
 Concen: 2.67 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. -0.000 min
 Lab File: VW019047.D
 Acq: 20 May 2021 18:05

Tgt Ion: 63 Resp: 19149
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.9
 100 4.7 2.3 6.8





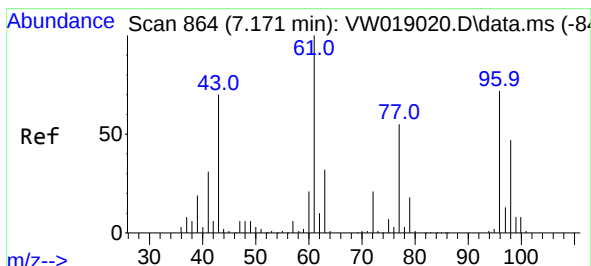
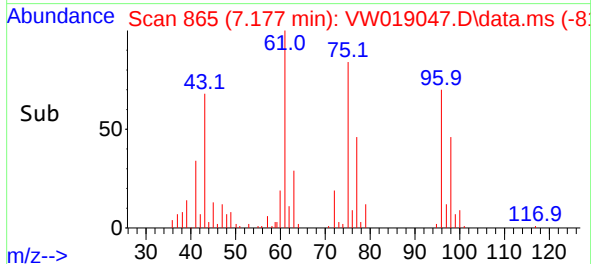
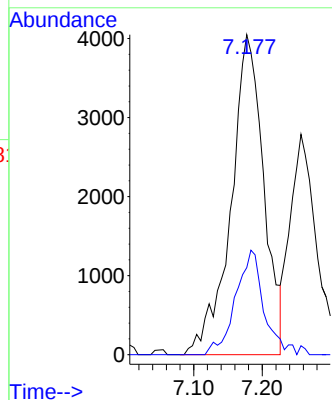
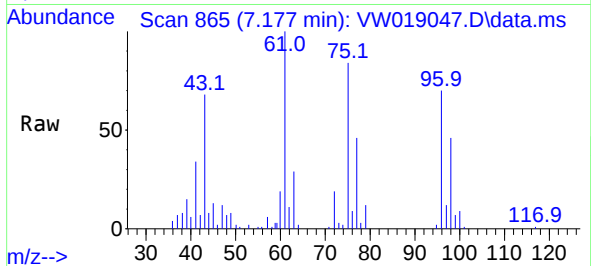
#25
2-Butanone
Concen: 14.55 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion: 43 Resp: 13475
Ion Ratio Lower Upper
43 100
72 27.2 24.0 36.0

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

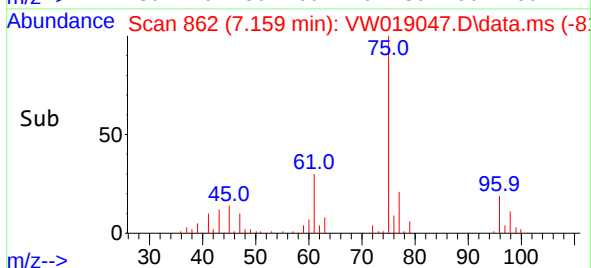
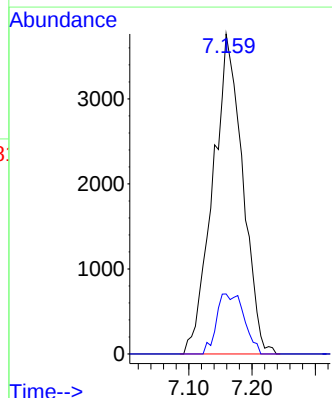
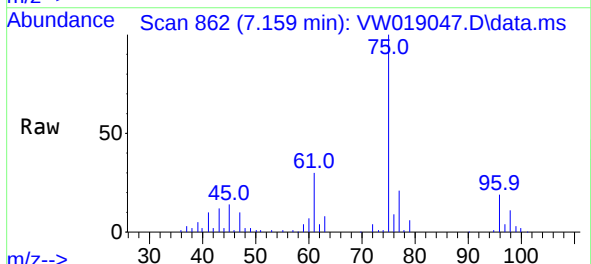
Manual Integrations
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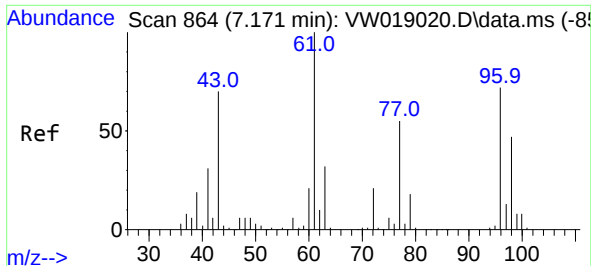
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#26
2,2-Dichloropropane
Concen: 3.19 ug/l
RT: 7.159 min Scan# 862
Delta R.T. -0.012 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion: 77 Resp: 12317
Ion Ratio Lower Upper
77 100
97 17.4 11.8 35.3





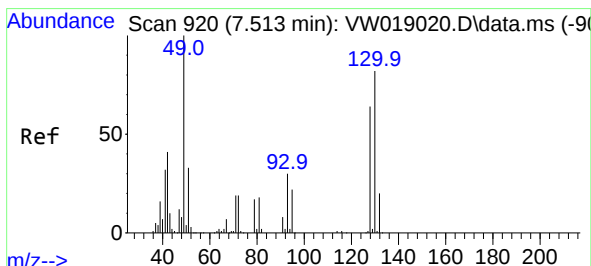
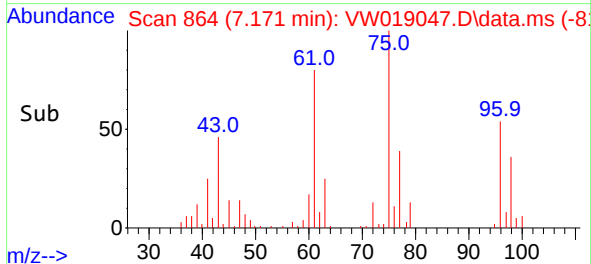
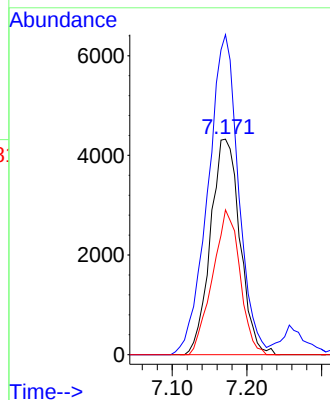
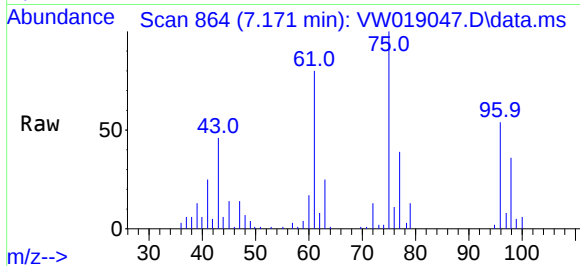
#27
cis-1,2-Dichloroethene
Concen: 2.66 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion:	96	Resp:	11828
Ion	Ratio	Lower	Upper
96	100		
61	154.3	0.0	281.2
98	62.6	0.0	127.4

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

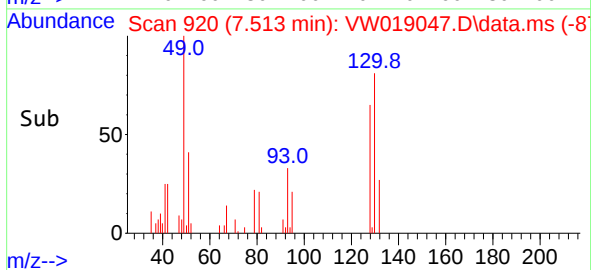
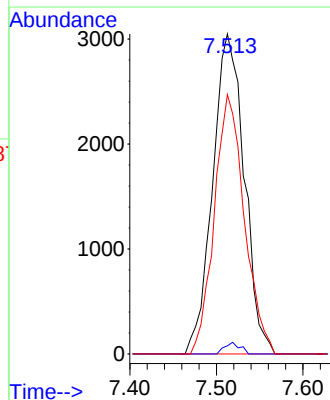
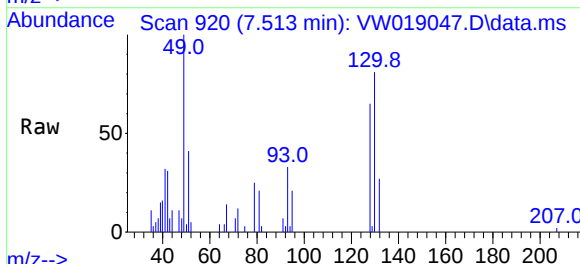
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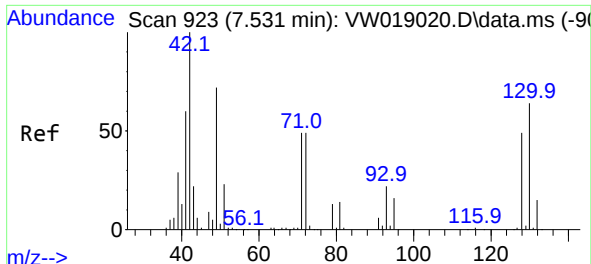
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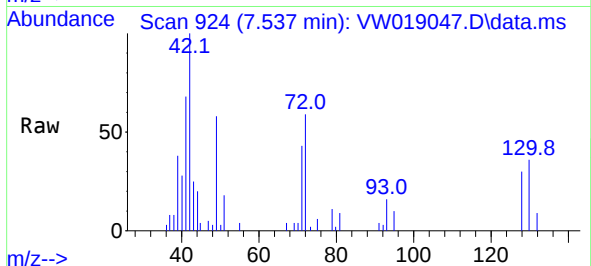
#28
Bromochloromethane
Concen: 2.65 ug/l
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion:	49	Resp:	7723
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.4
130	77.0	63.0	94.4



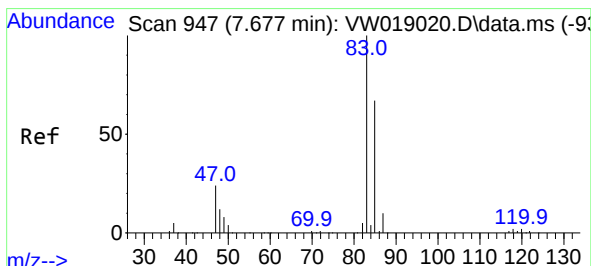
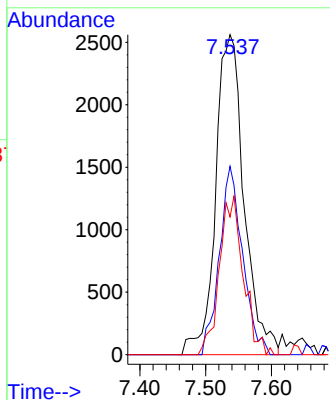
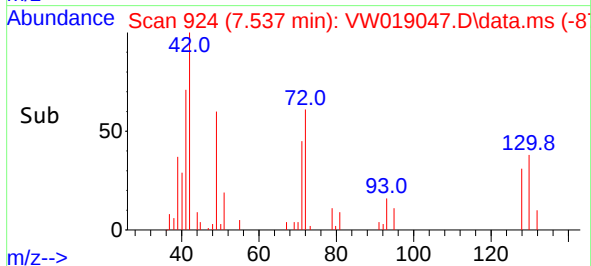


#29
Tetrahydrofuran
Concen: 14.22 ug/l
RT: 7.537 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

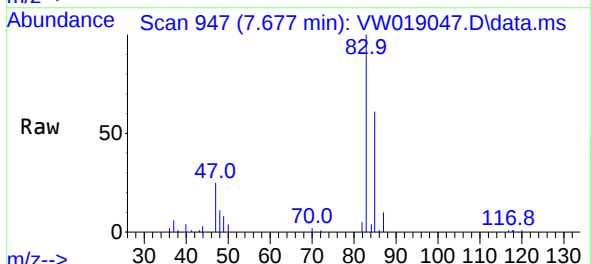


Tgt Ion: 42 Resp: 7701

Ion	Ratio	Lower	Upper
42	100		
72	48.2	40.1	60.1
71	41.4	38.3	57.5

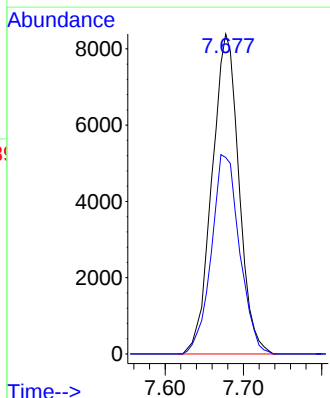
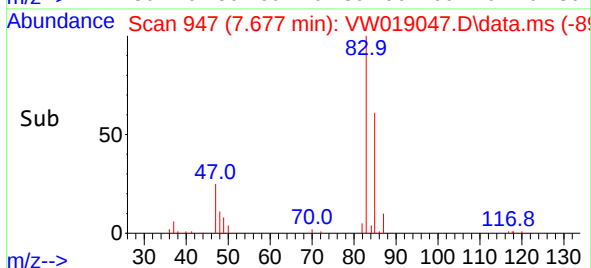


#30
Chloroform
Concen: 2.74 ug/l
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



Tgt Ion: 83 Resp: 20025

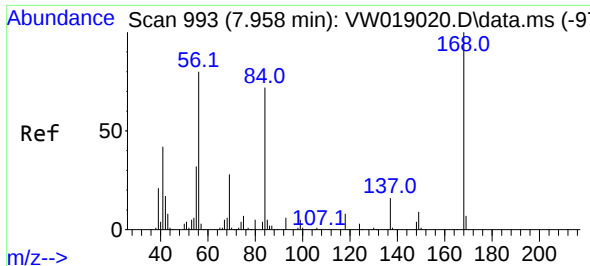
Ion	Ratio	Lower	Upper
83	100		
85	61.4	53.4	80.0



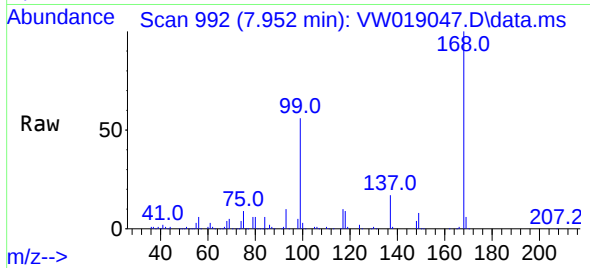
Instrument :
MSVOA_W
ClientSampleId :
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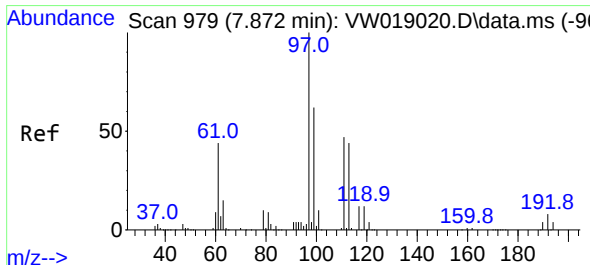
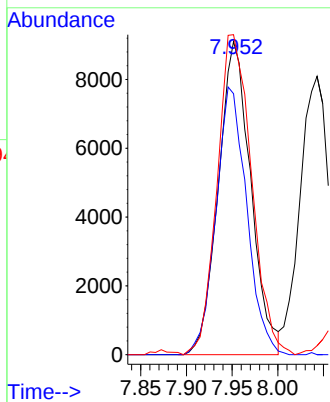
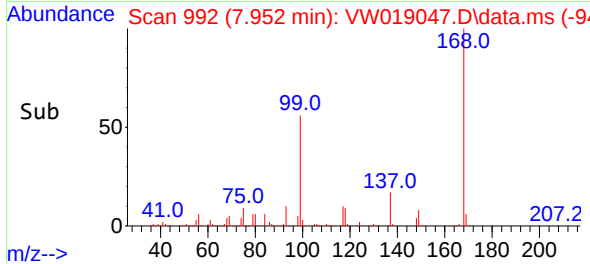
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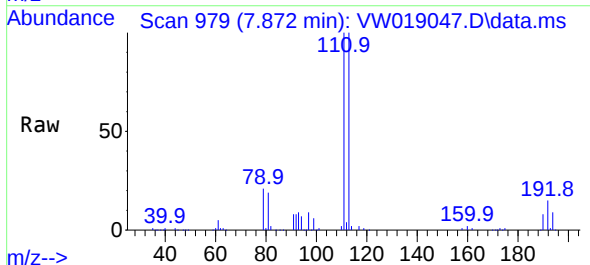
#31
Cyclohexane
Concen: 3.74 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



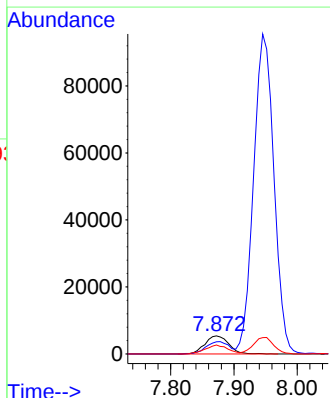
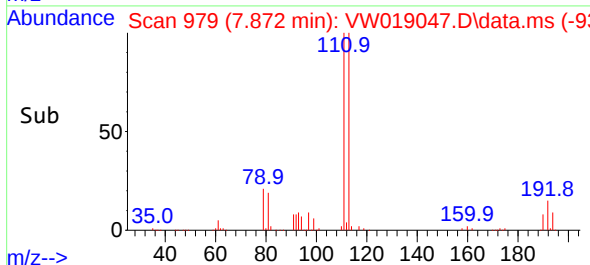
Tgt Ion: 56 Resp: 22459
Ion Ratio Lower Upper
56 100
69 83.3 28.4 42.6#
84 101.5 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 2.61 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



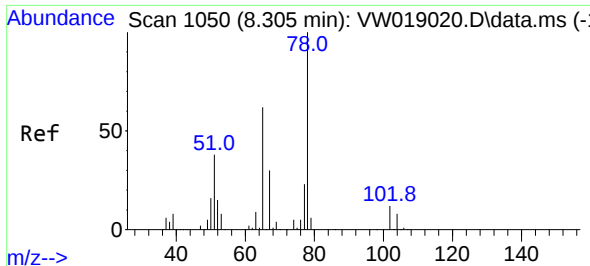
Tgt Ion: 97 Resp: 14155
Ion Ratio Lower Upper
97 100
99 67.4 52.2 78.4
61 46.5 36.7 55.1



Instrument :
MSVOA_W
ClientSampleId :
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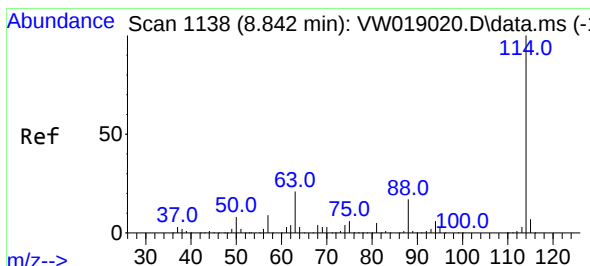
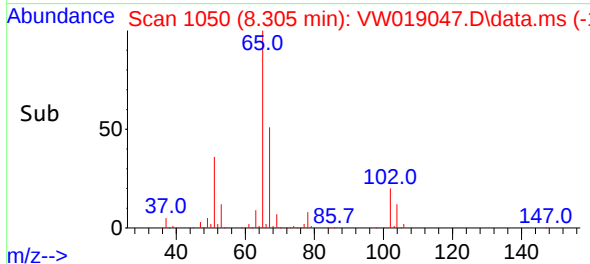
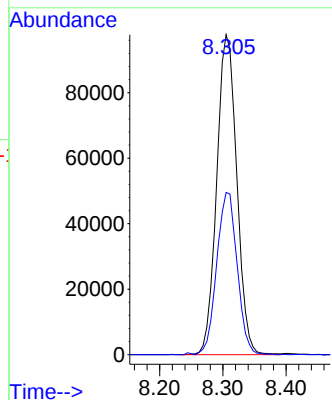
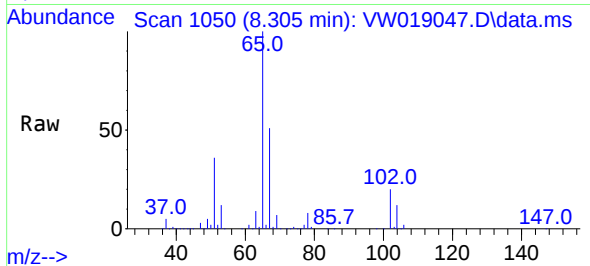
#33
1,2-Dichloroethane-d4
Concen: 60.03 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion: 65 Resp: 215268
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0

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

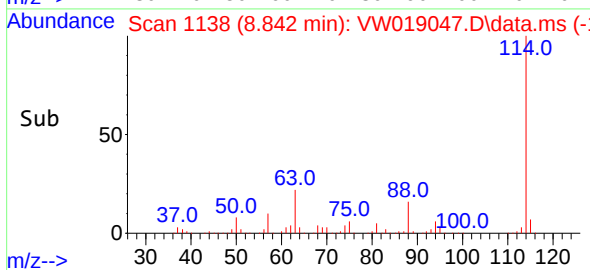
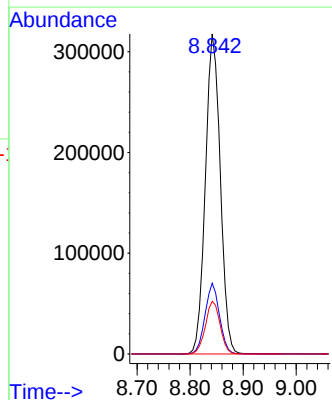
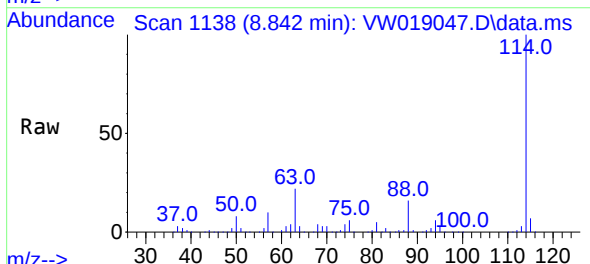
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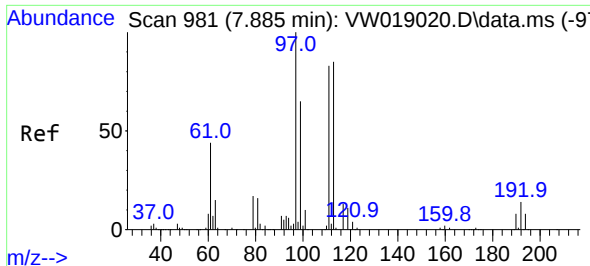
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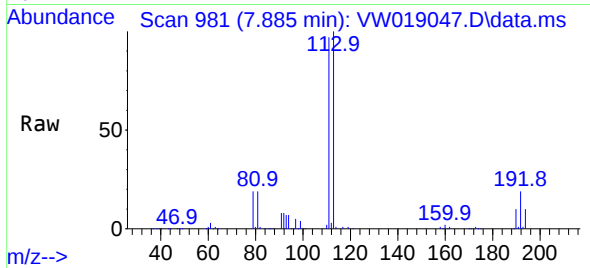
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion: 114 Resp: 619949
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.4
88 16.5 0.0 33.2

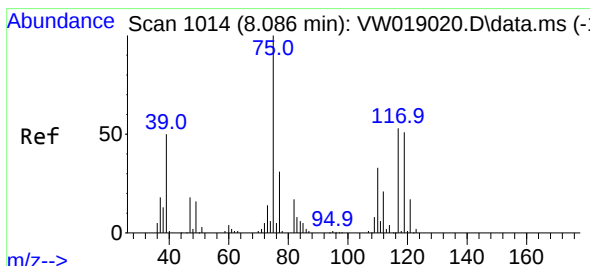
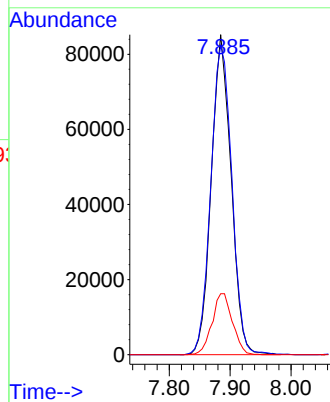
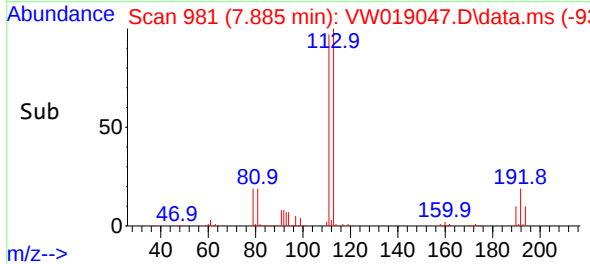




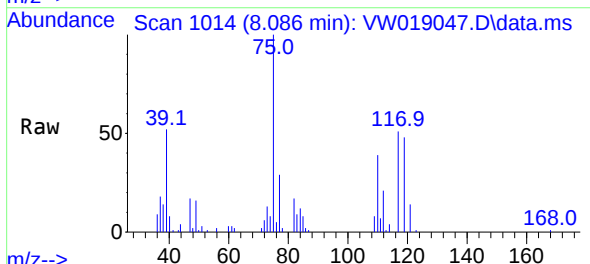
#35
Dibromofluoromethane
Concen: 55.56 ug/l
RT: 7.885 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



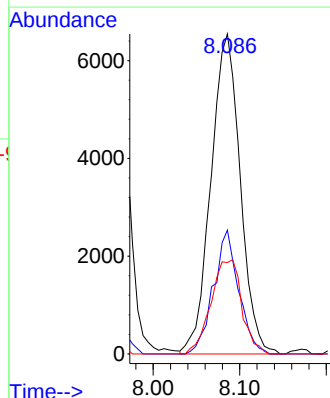
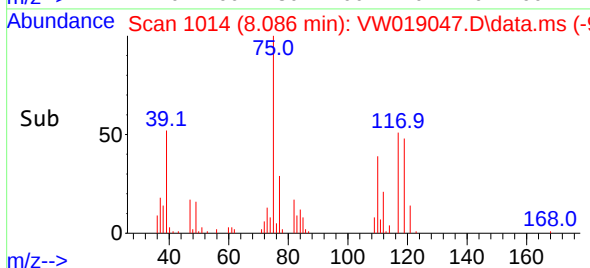
Tgt Ion: 113 Resp: 191800
Ion Ratio Lower Upper
113 100
111 103.3 82.3 123.5
192 19.7 15.3 22.9



#36
1,1-Dichloropropene
Concen: 2.49 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



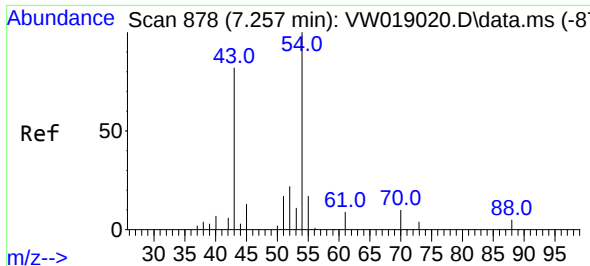
Tgt Ion: 75 Resp: 15391
Ion Ratio Lower Upper
75 100
110 33.4 17.1 51.2
77 30.9 25.3 37.9



Instrument :
MSVOA_W
ClientSampleId :
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#37

Ethyl Acetate

Concen: 3.34 ug/l

RT: 7.257 min Scan# 878

Delta R.T. -0.000 min

Lab File: VW019047.D

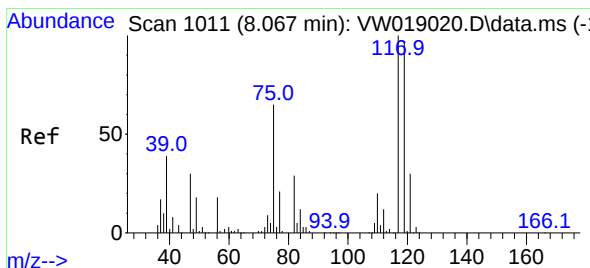
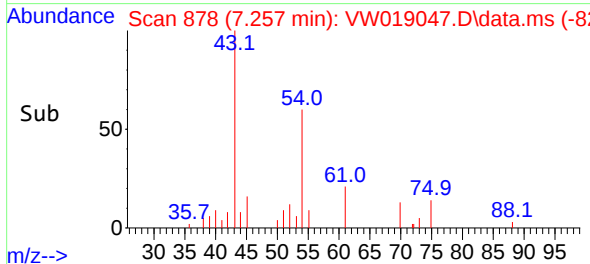
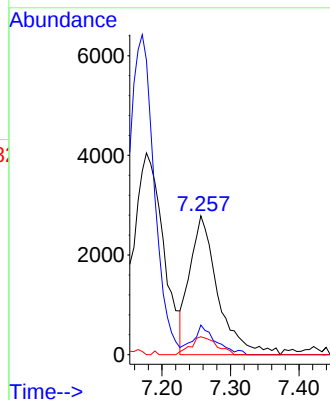
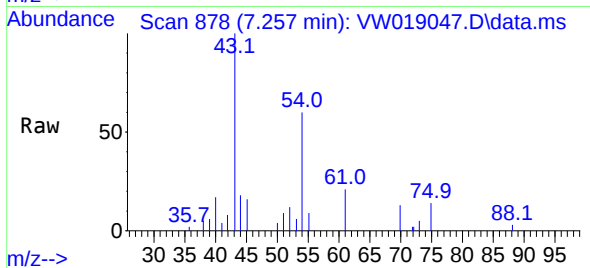
Acq: 20 May 2021 18:05

Tgt Ion:	43	Resp:	7975
Ion	Ratio	Lower	Upper
43	100		
61	16.5	12.2	18.4
70	11.7	9.5	14.3

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

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#38

Carbon Tetrachloride

Concen: 2.39 ug/l

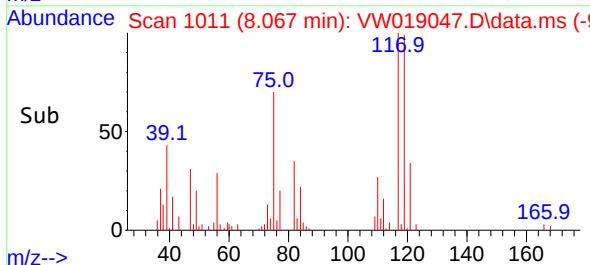
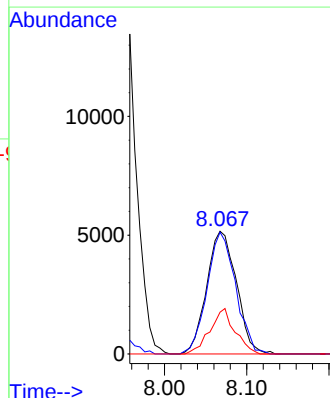
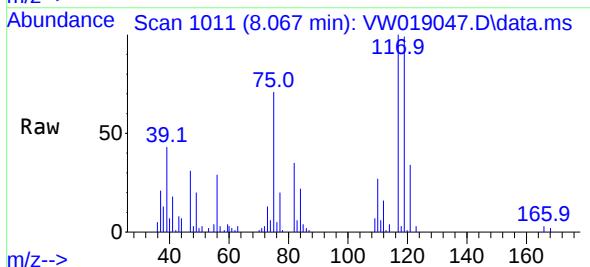
RT: 8.067 min Scan# 1011

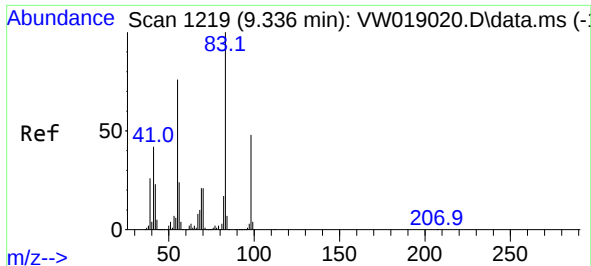
Delta R.T. -0.000 min

Lab File: VW019047.D

Acq: 20 May 2021 18:05

Tgt Ion:	117	Resp:	13011
Ion	Ratio	Lower	Upper
117	100		
119	99.2	77.4	116.0
121	34.0	23.6	35.4





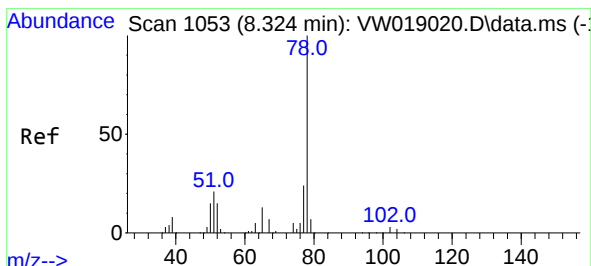
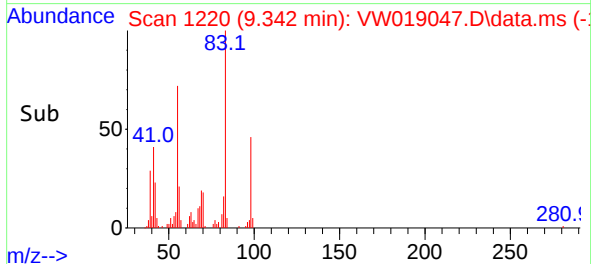
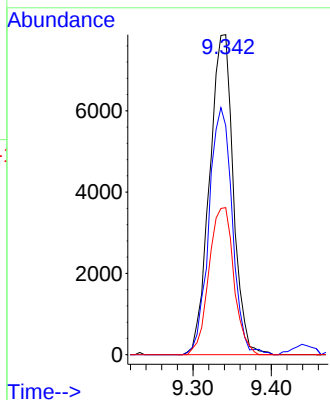
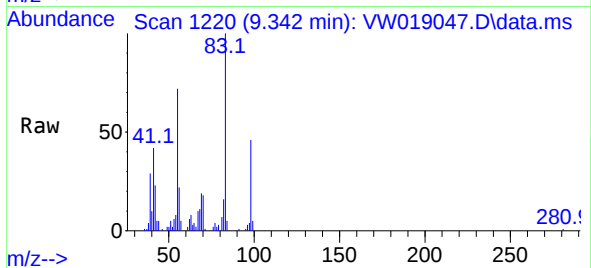
#39
Methylcyclohexane
Concen: 2.43 ug/l
RT: 9.342 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion: 83 Resp: 16618
Ion Ratio Lower Upper
83 100
55 71.6 60.9 91.3
98 46.0 38.4 57.6

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

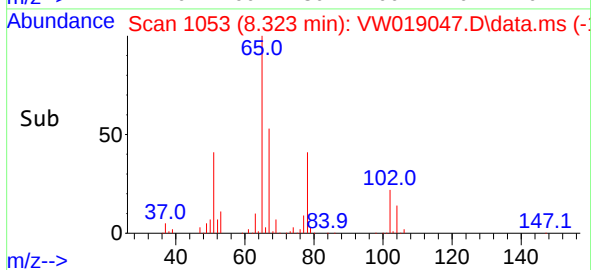
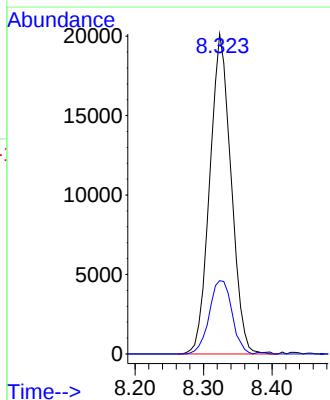
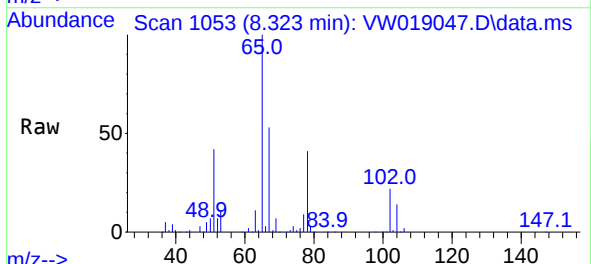
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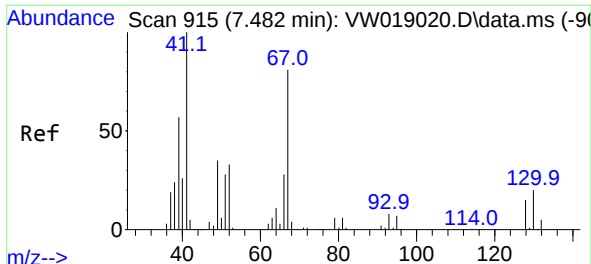
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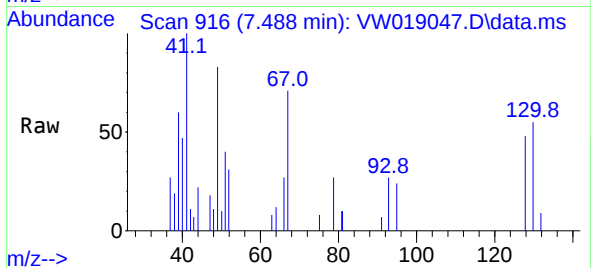
#40
Benzene
Concen: 2.52 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion: 78 Resp: 43473
Ion Ratio Lower Upper
78 100
77 22.9 19.6 29.4



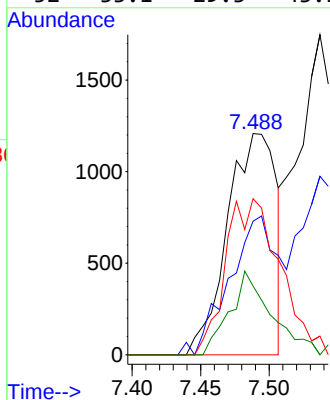


#41
Methacrylonitrile
Concen: 2.29 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.006 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



Tgt Ion: 41 Resp: 2983

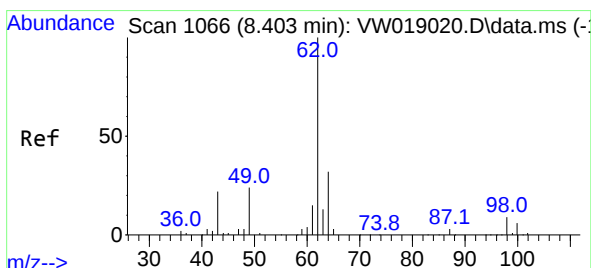
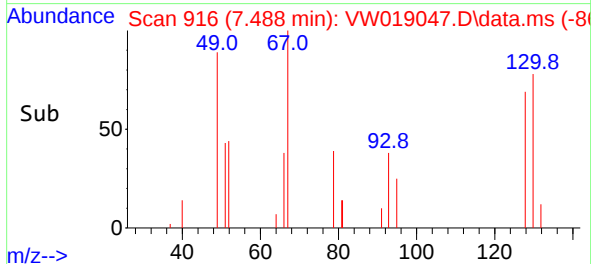
Ion	Ratio	Lower	Upper
41	100		
39	64.4	50.1	75.1
67	78.8	69.0	103.4
52	33.1	29.3	43.9



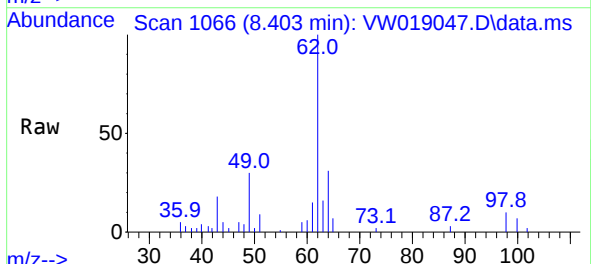
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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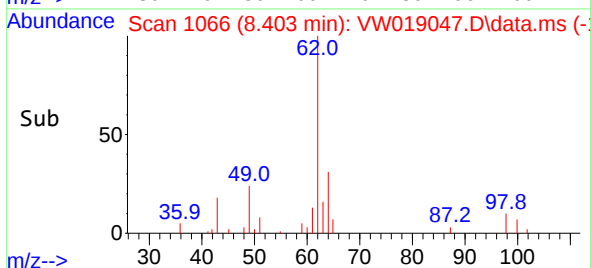
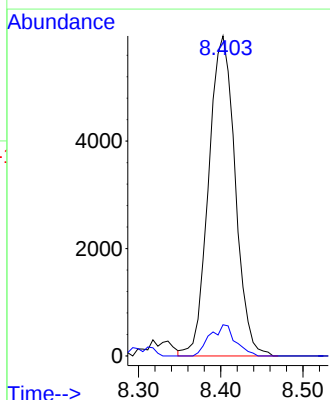


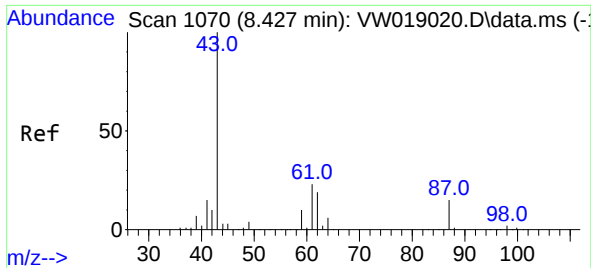
#42
1,2-Dichloroethane
Concen: 2.62 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



Tgt Ion: 62 Resp: 13384

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0





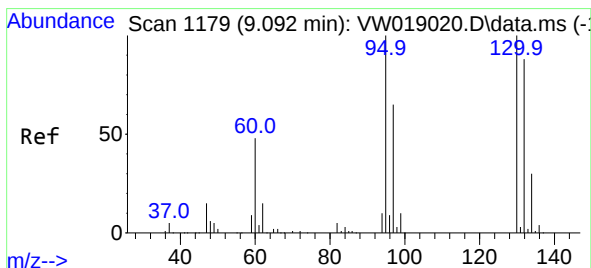
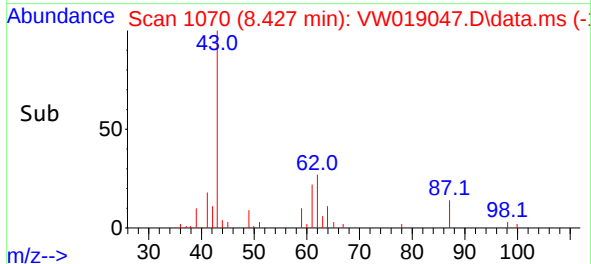
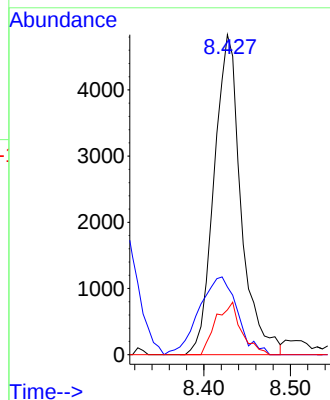
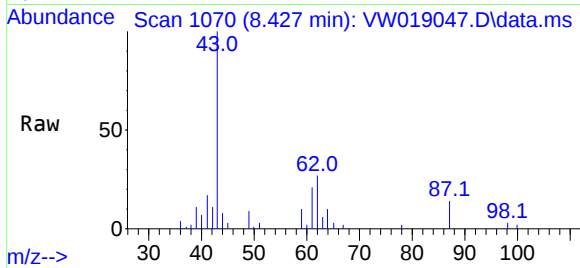
#43
Isopropyl Acetate
Concen: 2.34 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion:	43	Resp:	10440
Ion	Ratio	Lower	Upper
43	100		
61	34.6	27.0	40.6
87	15.6	11.6	17.4

Instrument :
MSVOA_W
ClientSampleId :
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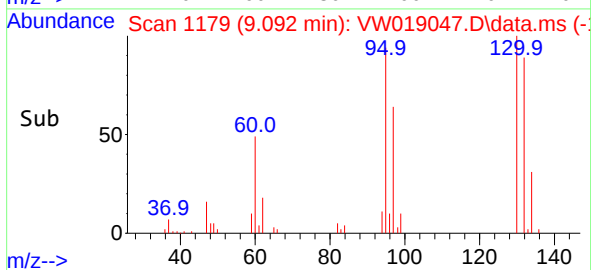
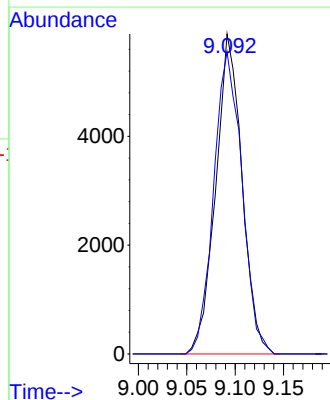
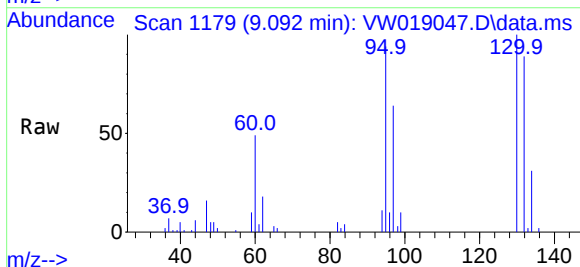
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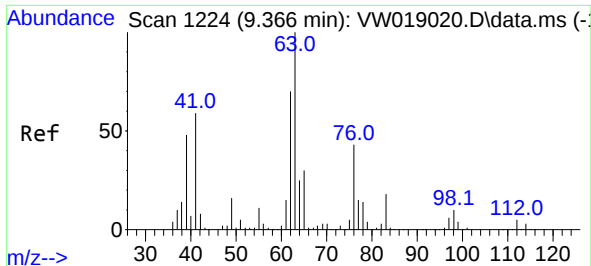
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#44
Trichloroethene
Concen: 2.50 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

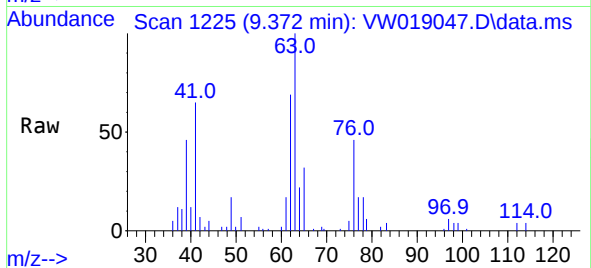
Tgt Ion:	130	Resp:	11120
Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	199.0





#45
1,2-Dichloropropane
Concen: 2.57 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

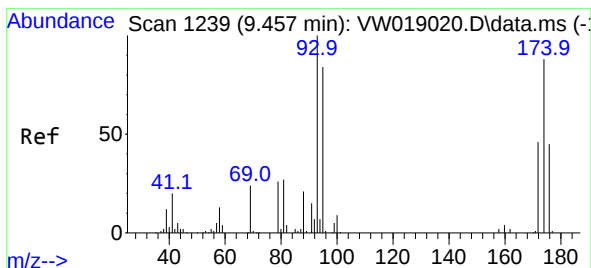
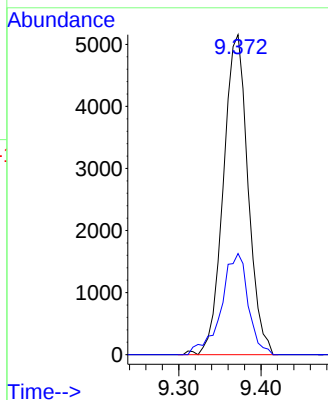
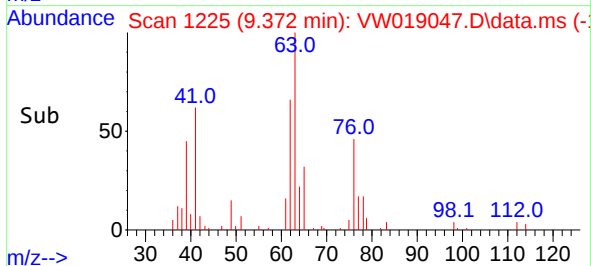
Instrument :
MSVOA_W
ClientSampleId :
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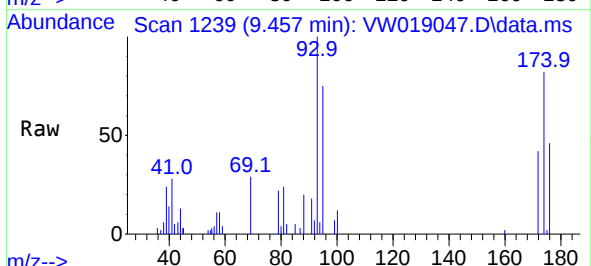
Tgt Ion: 63 Resp: 10745
Ion Ratio Lower Upper
63 100
65 31.6 24.1 36.1

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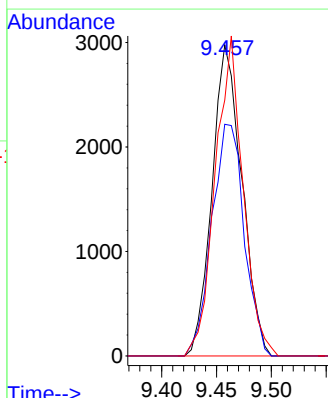
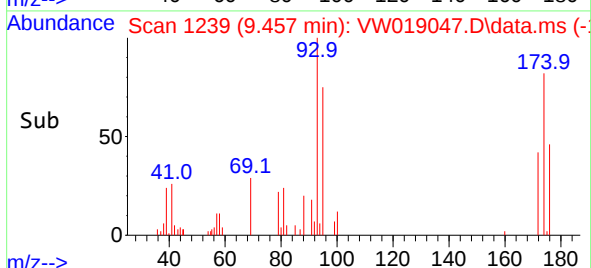
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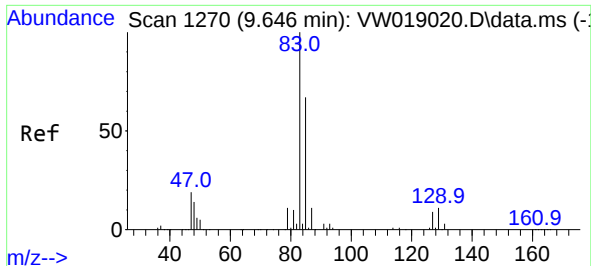


#46
Dibromomethane
Concen: 2.49 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

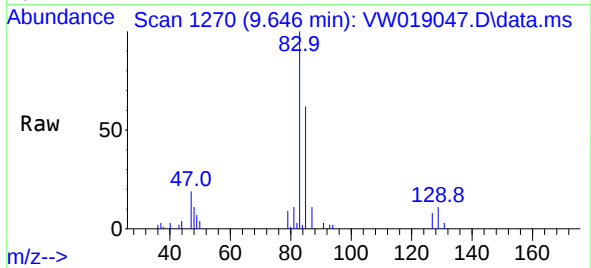


Tgt Ion: 93 Resp: 5640
Ion Ratio Lower Upper
93 100
95 80.8 66.7 100.1
174 95.7 75.3 112.9



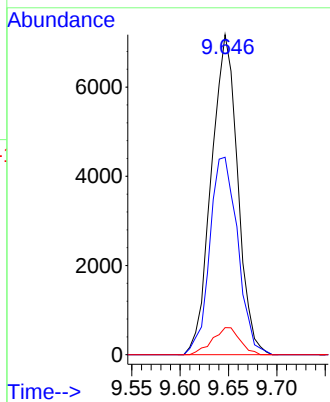
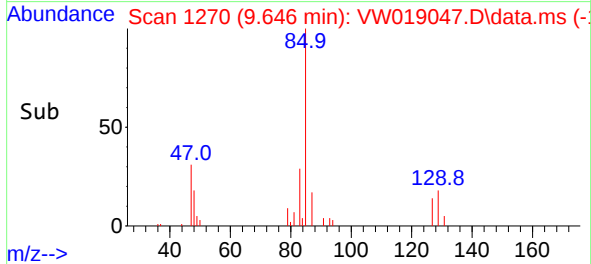


#47
Bromodichloromethane
Concen: 2.41 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



Tgt Ion: 83 Resp: 13593

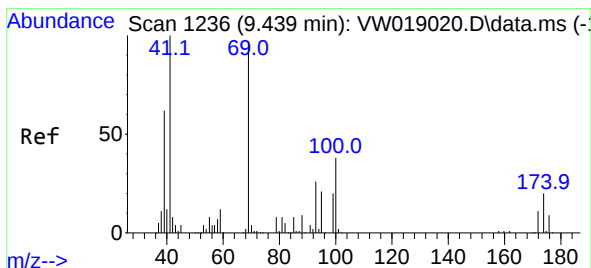
Ion	Ratio	Lower	Upper
83	100		
85	61.7	53.4	80.2
127	8.4	7.0	10.6



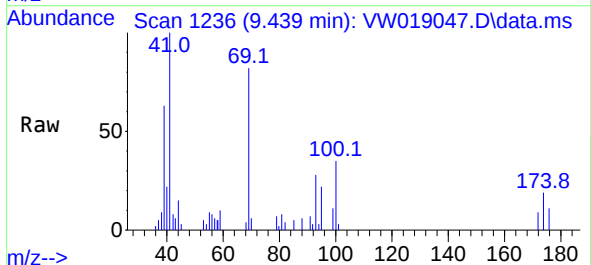
Instrument :
MSVOA_W
ClientSampleId :
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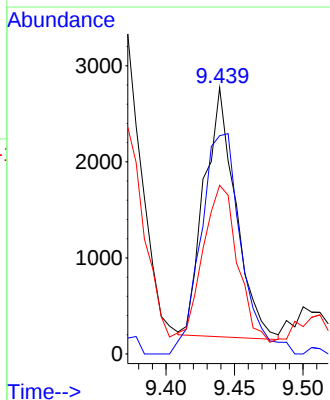
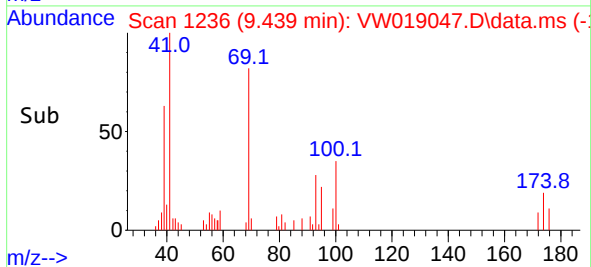


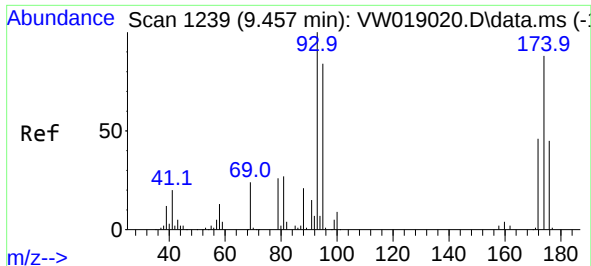
#48
Methyl methacrylate
Concen: 2.03 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



Tgt Ion: 41 Resp: 4157

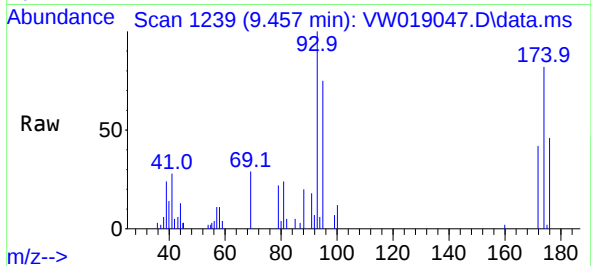
Ion	Ratio	Lower	Upper
41	100		
69	112.4	80.2	120.2
39	82.5	51.5	77.3





#49
1,4-Dioxane
Concen: 53.26 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

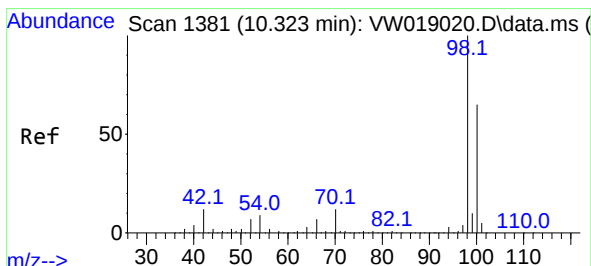
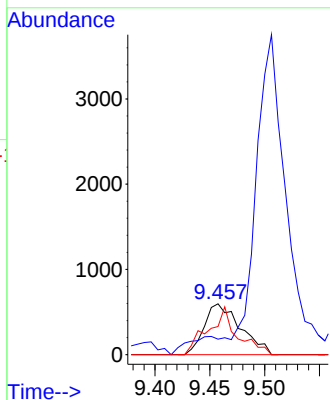
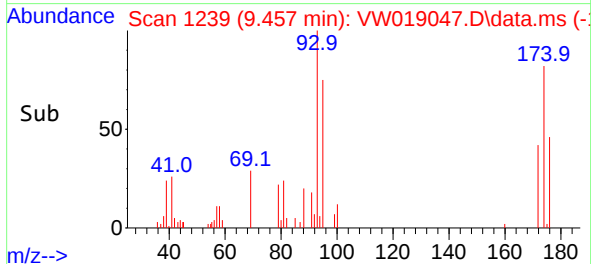
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



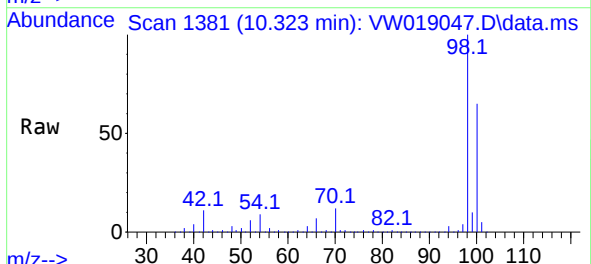
Tgt Ion: 88 Resp: 1376
Ion Ratio Lower Upper
88 100
43 30.5 22.1 33.1
58 74.4 55.4 83.2

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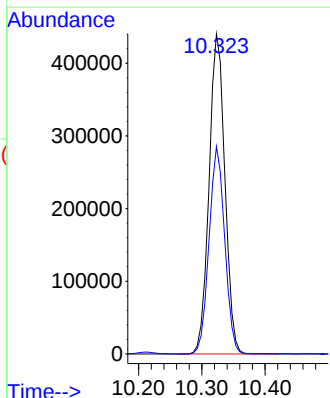
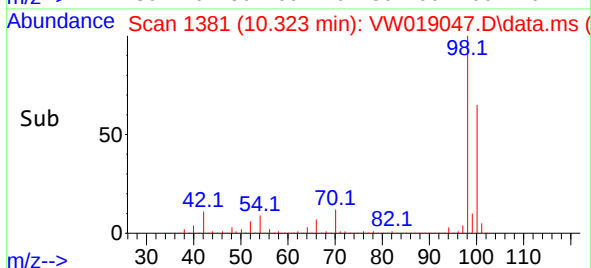
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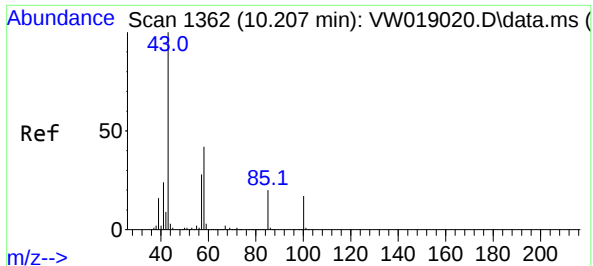


#50
Toluene-d8
Concen: 56.27 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



Tgt Ion: 98 Resp: 764425
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0





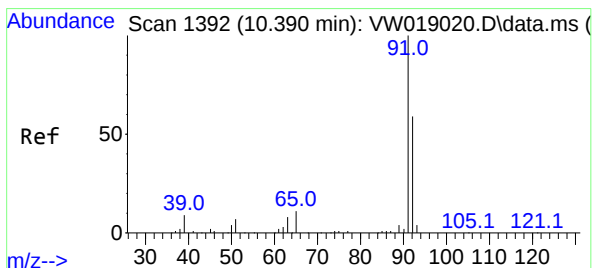
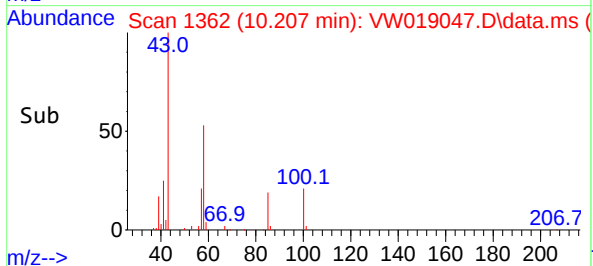
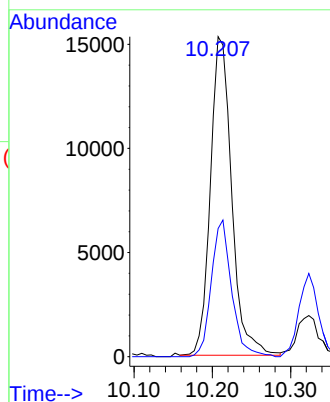
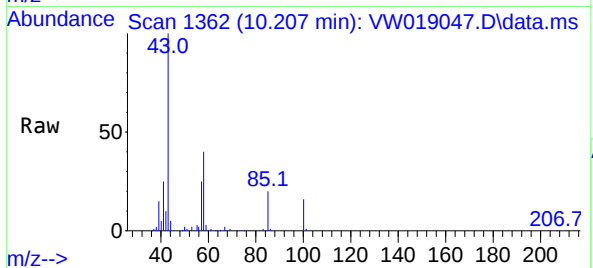
#51
4-Methyl-2-Pentanone
Concen: 12.52 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion: 43 Resp: 28903
Ion Ratio Lower Upper
43 100
58 40.8 34.2 51.4

Instrument :
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ClientSampleId :
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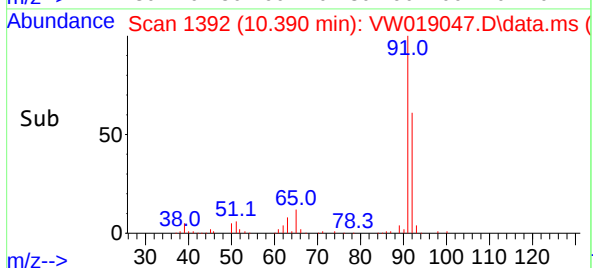
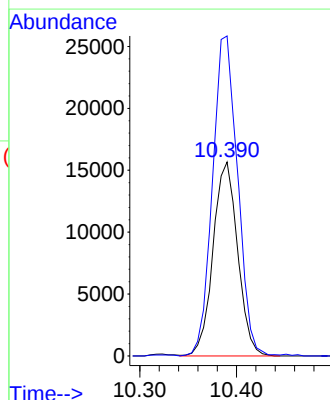
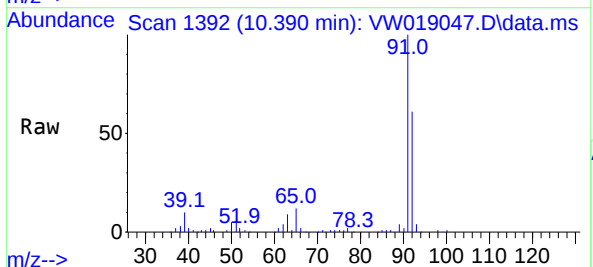
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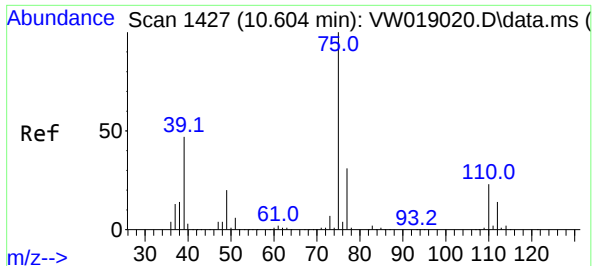
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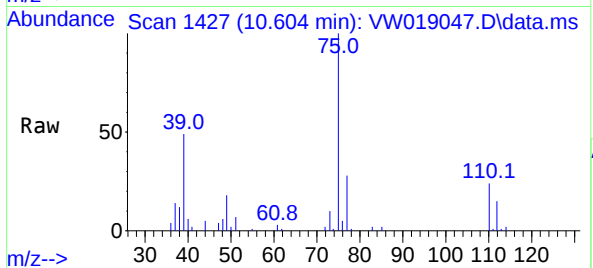
#52
Toluene
Concen: 2.53 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion: 92 Resp: 27664
Ion Ratio Lower Upper
92 100
91 168.3 137.4 206.0

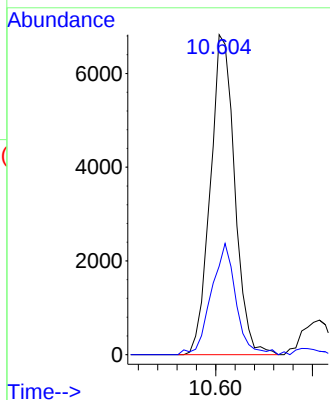
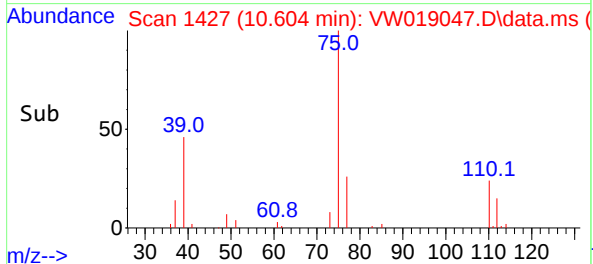




#53
t-1,3-Dichloropropene
Concen: 2.15 ug/l
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



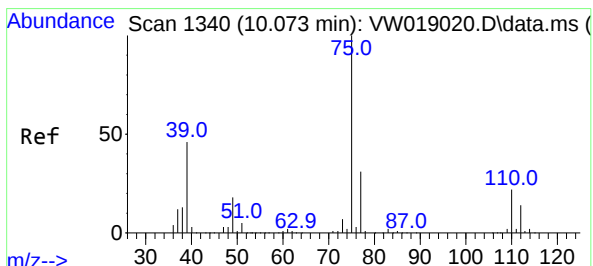
Tgt Ion: 75 Resp: 11931
Ion Ratio Lower Upper
75 100
77 27.7 24.8 37.2



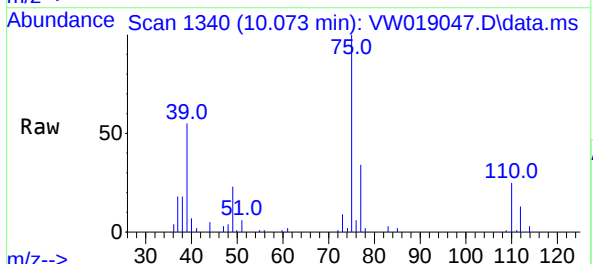
Instrument :
MSVOA_W
ClientSampleId :
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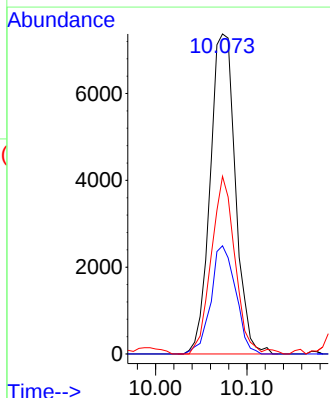
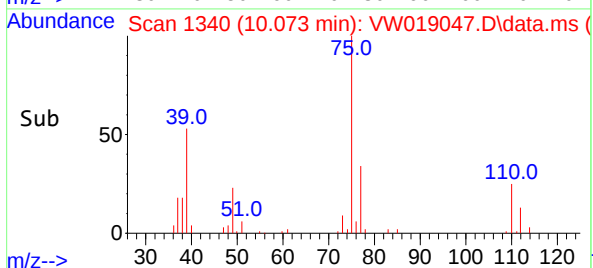
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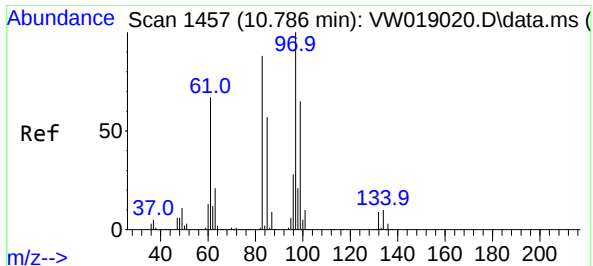


#54
cis-1,3-Dichloropropene
Concen: 2.14 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

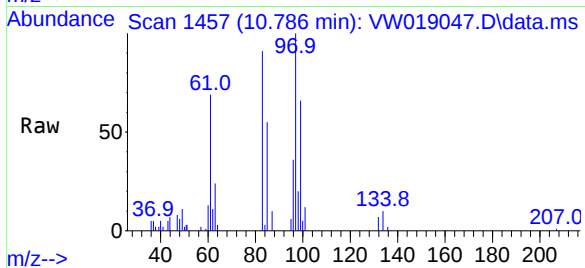


Tgt Ion: 75 Resp: 14156
Ion Ratio Lower Upper
75 100
77 33.8 25.0 37.6
39 55.5 36.9 55.3#

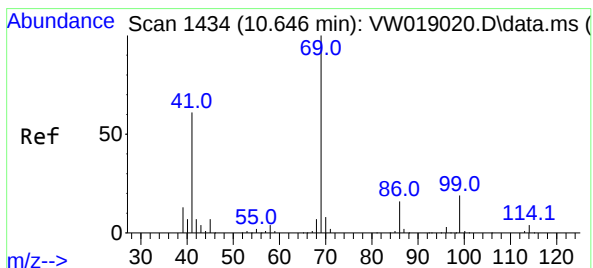
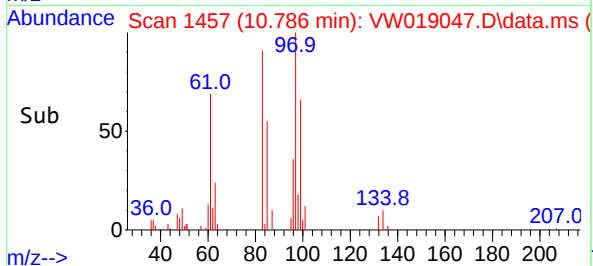
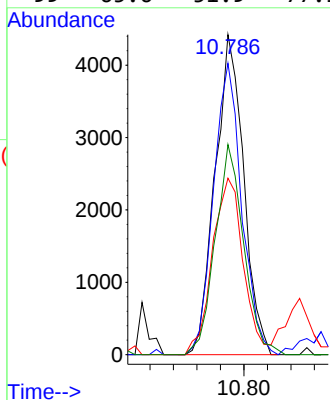




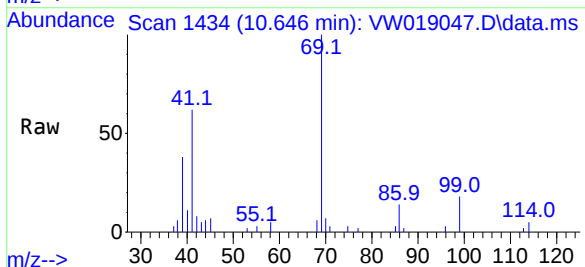
#55
1,1,2-Trichloroethane
Concen: 2.38 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



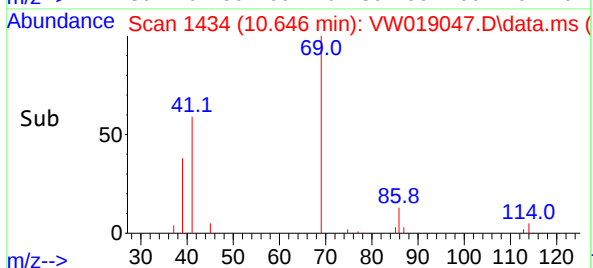
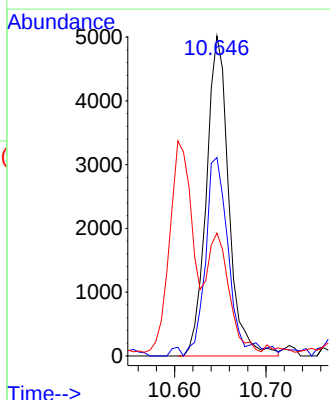
Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.1	70.6	106.0
85	55.2	45.8	68.6
99	65.6	51.9	77.9



#56
Ethyl methacrylate
Concen: 2.17 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



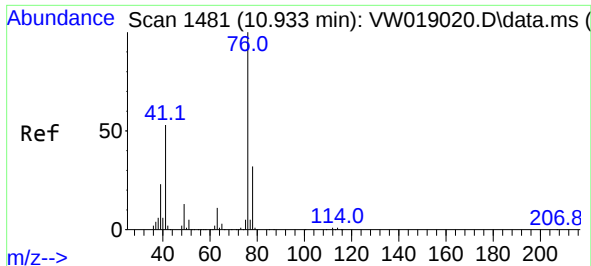
Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.4	48.7	73.1
39	39.2	29.0	43.4



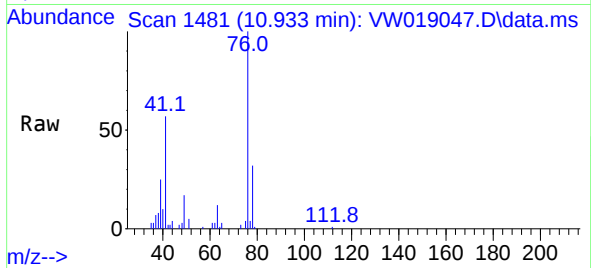
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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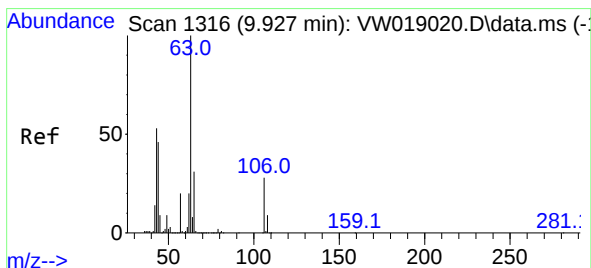
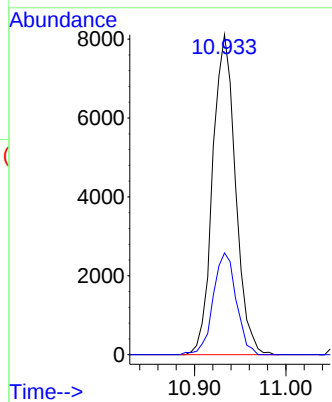
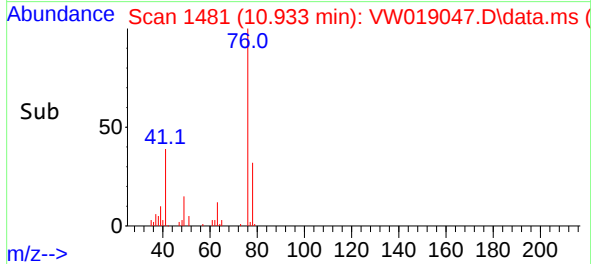
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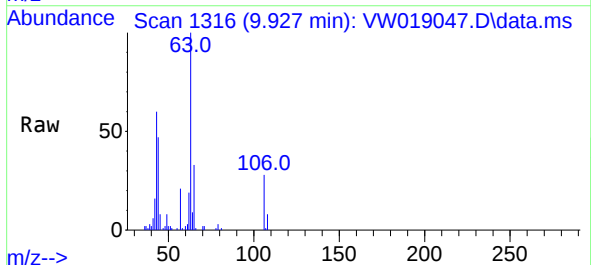
#57
1,3-Dichloropropane
Concen: 2.51 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



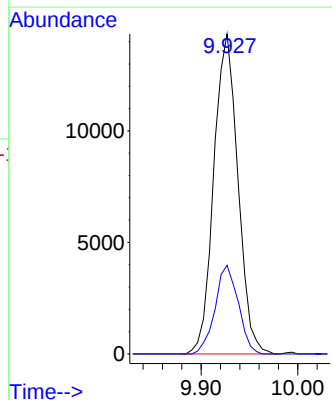
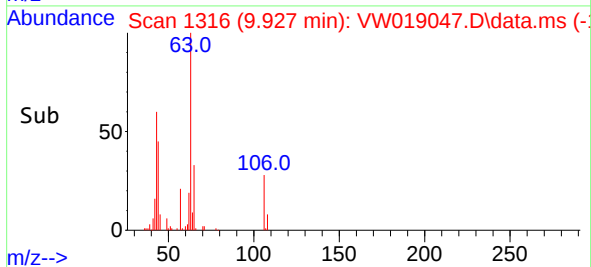
Tgt Ion: 76 Resp: 14079
Ion Ratio Lower Upper
76 100
78 32.1 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 12.21 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



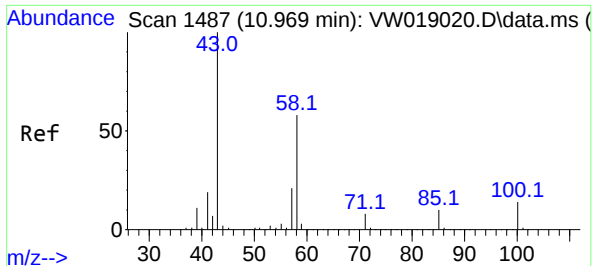
Tgt Ion: 63 Resp: 24839
Ion Ratio Lower Upper
63 100
106 26.6 22.3 33.5



Instrument :
MSVOA_W
ClientSampleId :
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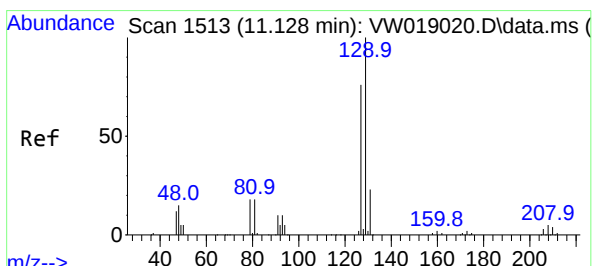
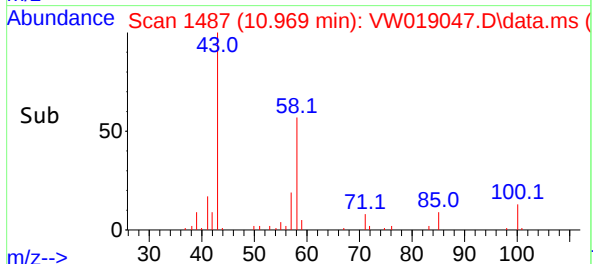
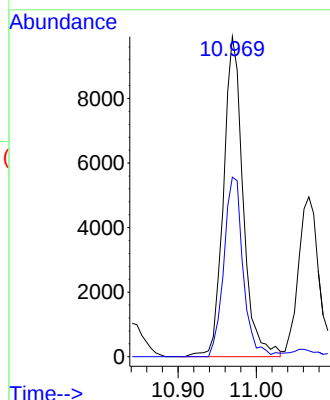
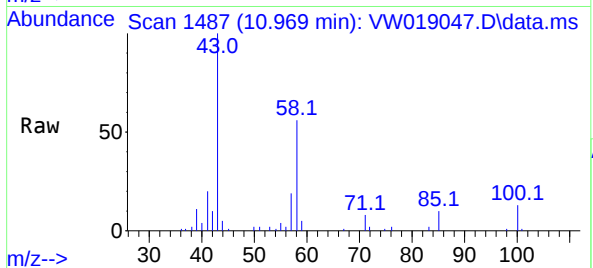
#59
2-Hexanone
Concen: 11.25 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion: 43 Resp: 17253
Ion Ratio Lower Upper
43 100
58 55.3 29.0 87.1

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

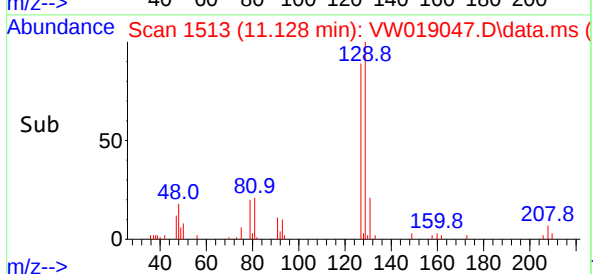
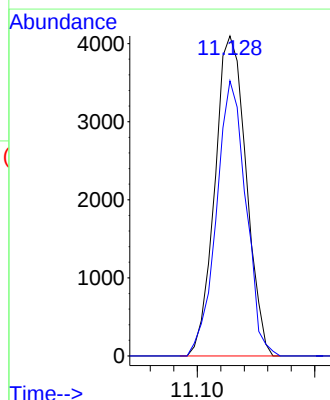
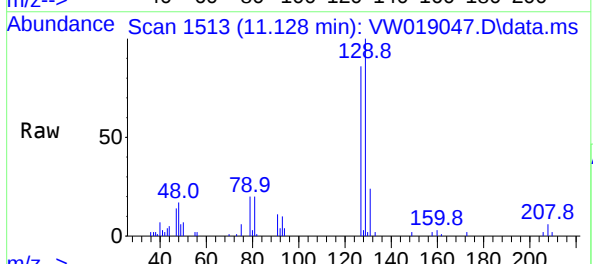
Manual Integrations
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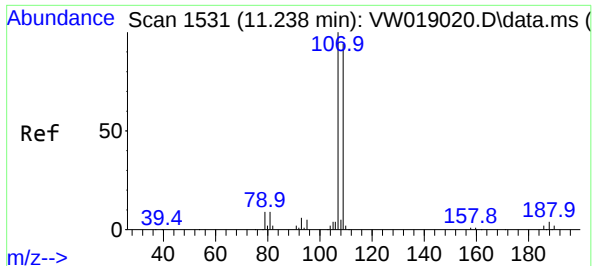
MMDadoda
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#60
Dibromochloromethane
Concen: 2.16 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

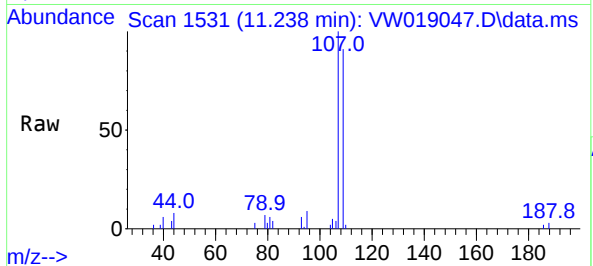
Tgt Ion:129 Resp: 7580
Ion Ratio Lower Upper
129 100
127 81.0 38.2 114.6





#61
1,2-Dibromoethane
Concen: 2.40 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

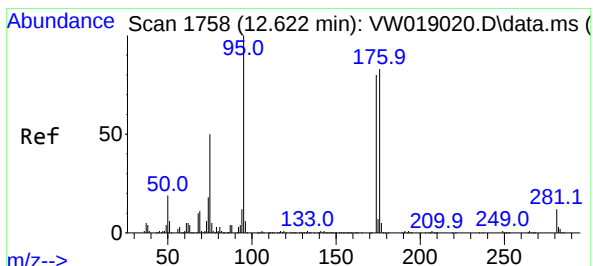
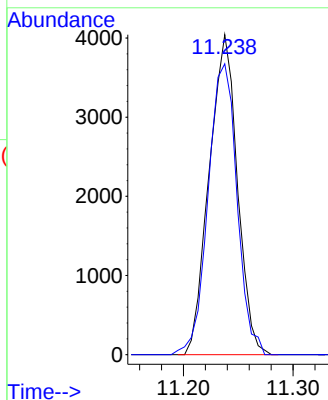
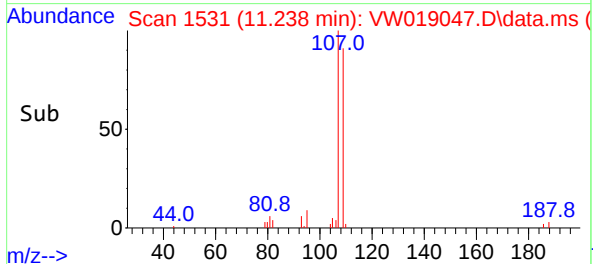
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



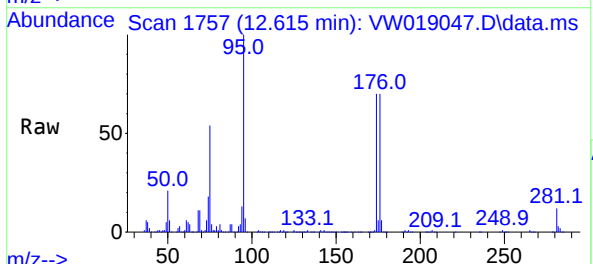
Tgt Ion:107 Resp: 7226
Ion Ratio Lower Upper
107 100
109 93.0 73.9 110.9

Manual Integrations
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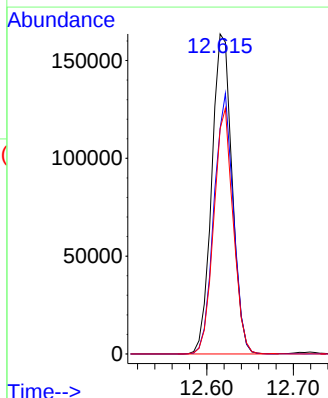
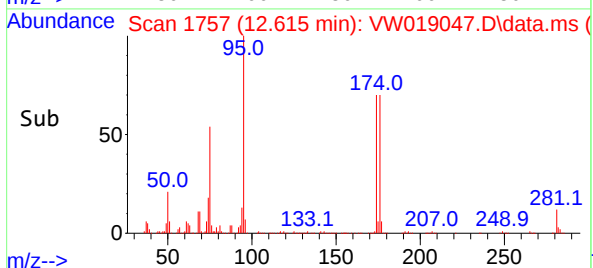
MMDadoda
5/21/2021 1:48:59 PM

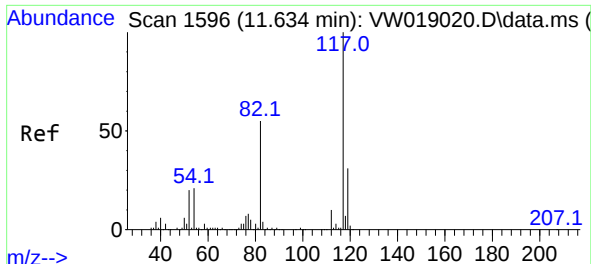


#62
4-Bromofluorobenzene
Concen: 54.46 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.007 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



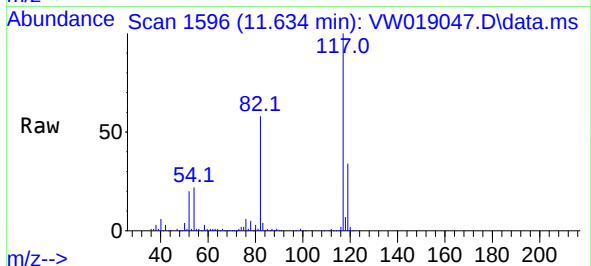
Tgt Ion: 95 Resp: 266728
Ion Ratio Lower Upper
95 100
174 77.4 0.0 156.2
176 72.9 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

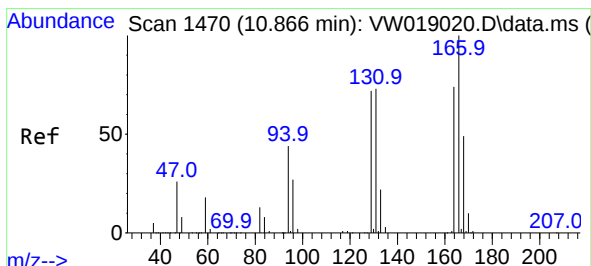
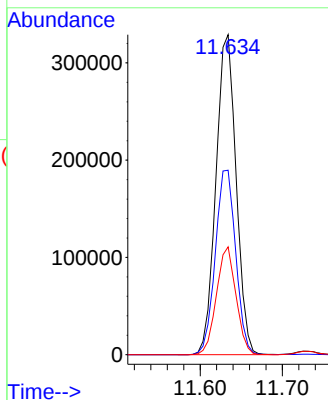
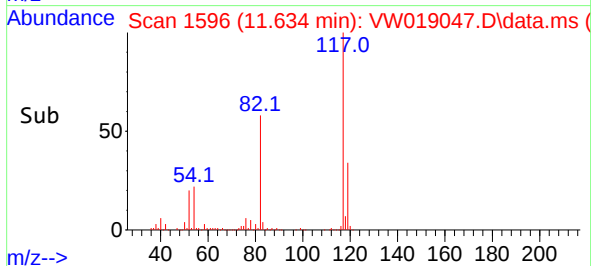
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



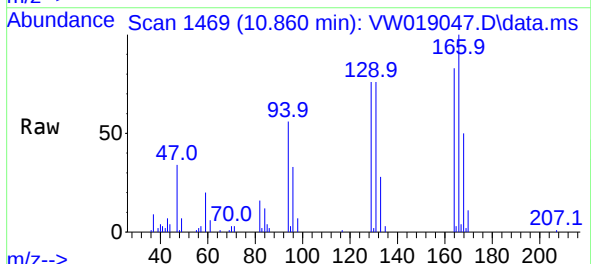
Tgt Ion:117 Resp: 561932
Ion Ratio Lower Upper
117 100
82 57.6 44.4 66.6
119 33.7 24.6 36.8

Manual Integrations
APPROVED

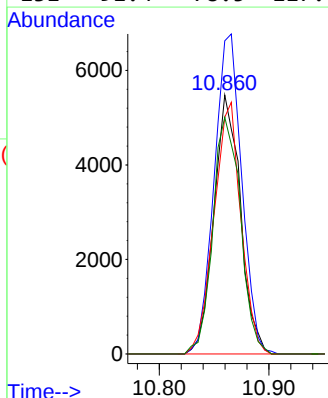
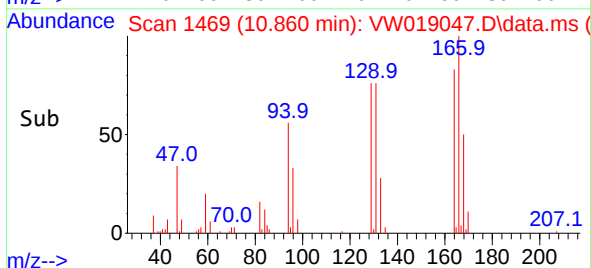
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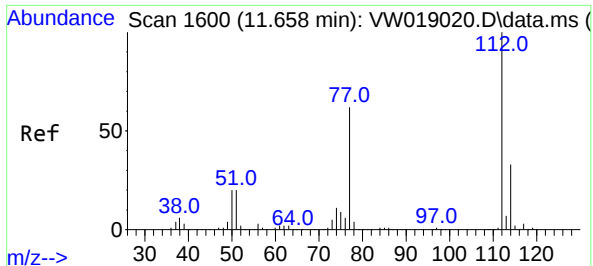


#64
Tetrachloroethene
Concen: 2.53 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



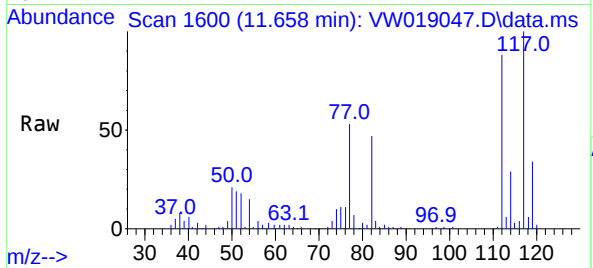
Tgt Ion:164 Resp: 9234
Ion Ratio Lower Upper
164 100
166 121.0 107.8 161.8
129 91.4 77.3 115.9
131 91.4 78.5 117.7





#65
Chlorobenzene
Concen: 2.58 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

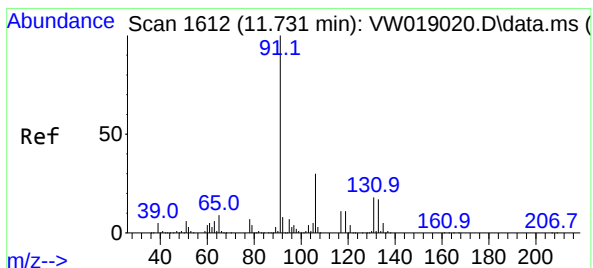
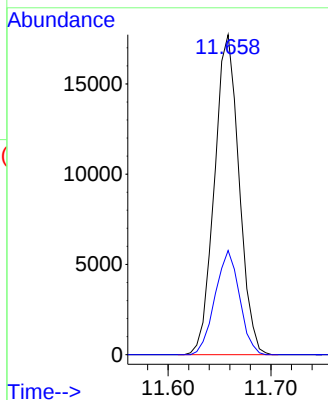
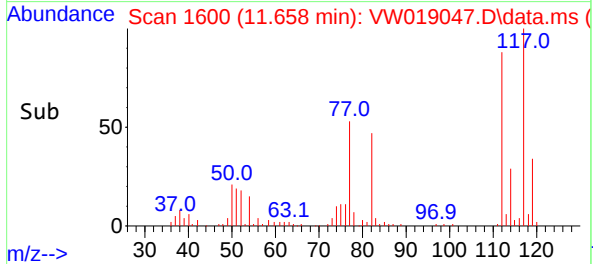
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



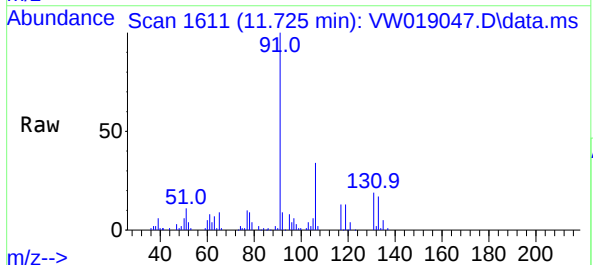
Tgt Ion:112 Resp: 29473
Ion Ratio Lower Upper
112 100
114 32.5 26.4 39.6

Manual Integrations
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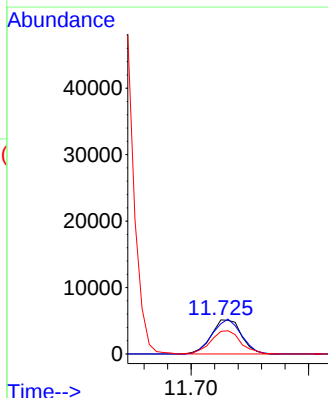
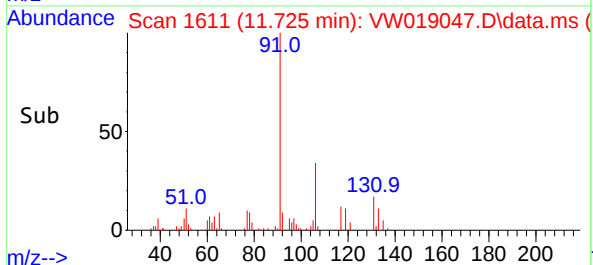
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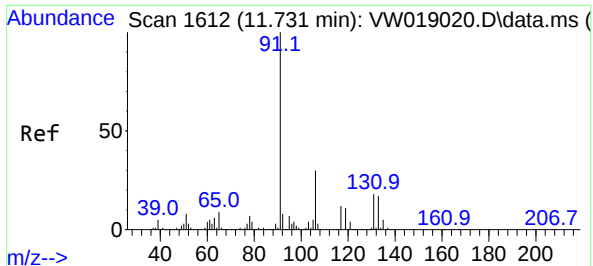


#66
1,1,1,2-Tetrachloroethane
Concen: 2.35 ug/l
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



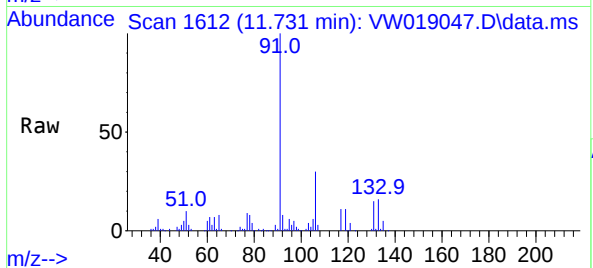
Tgt Ion:131 Resp: 9149
Ion Ratio Lower Upper
131 100
133 97.7 48.1 144.3
119 67.9 33.1 99.2





#67
Ethyl Benzene
Concen: 2.41 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

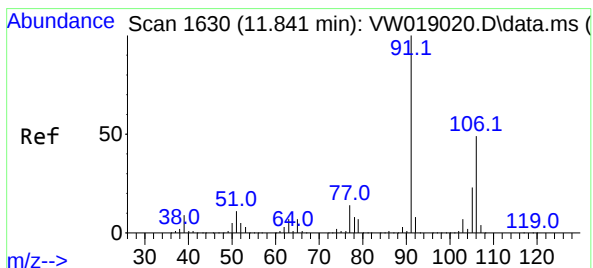
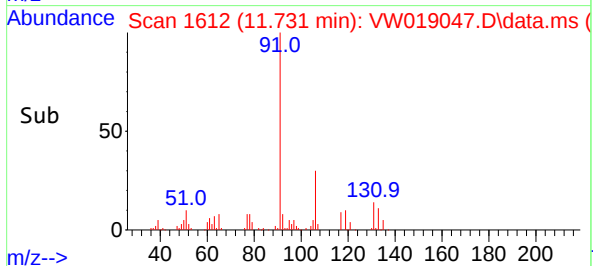
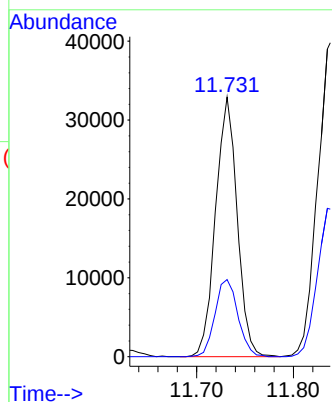
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



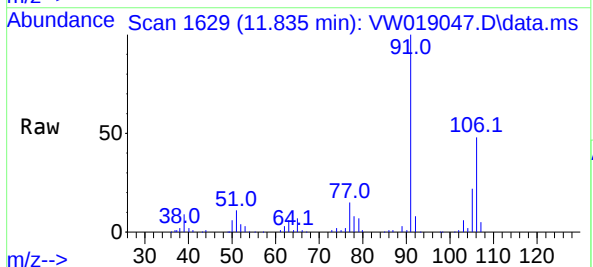
Tgt Ion: 91 Resp: 50990
Ion Ratio Lower Upper
91 100
106 29.7 24.0 36.0

Manual Integrations
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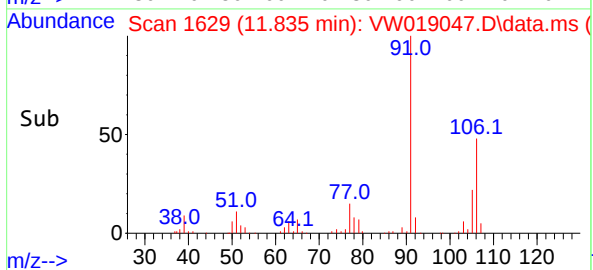
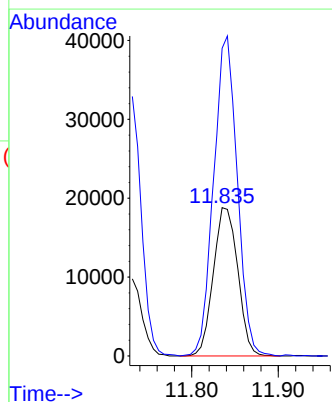
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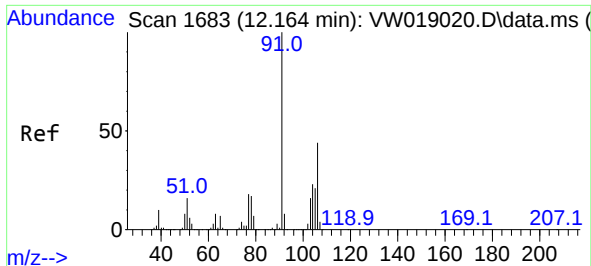


#68
m/p-Xylenes
Concen: 4.64 ug/l
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



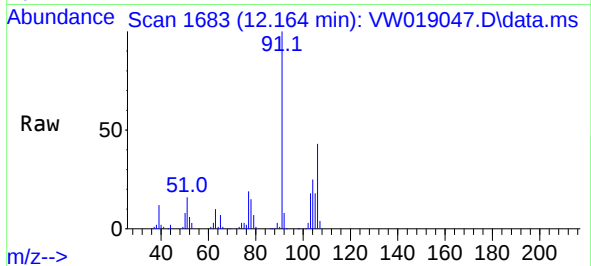
Tgt Ion: 106 Resp: 36871
Ion Ratio Lower Upper
106 100
91 208.4 164.2 246.2





#69
o-Xylene
Concen: 2.35 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

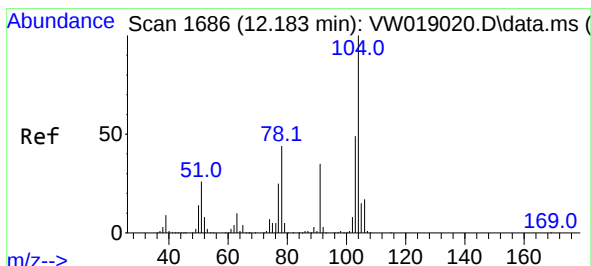
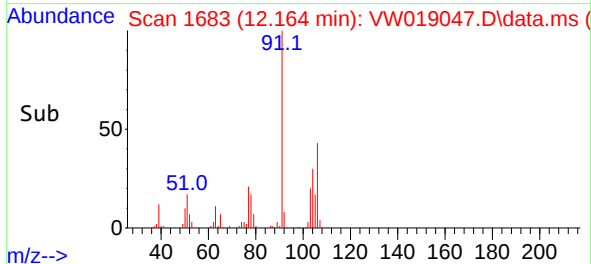
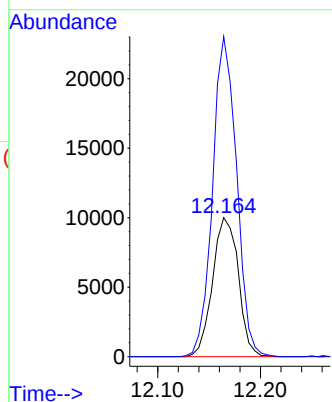
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



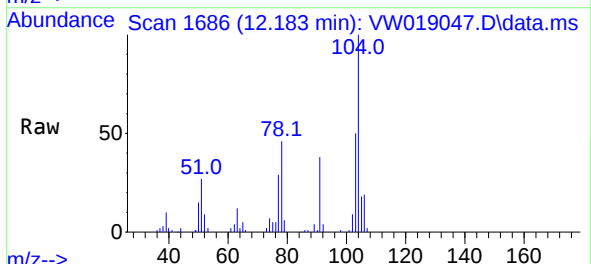
Tgt Ion:106 Resp: 17395
Ion Ratio Lower Upper
106 100
91 214.8 109.1 327.2

Manual Integrations
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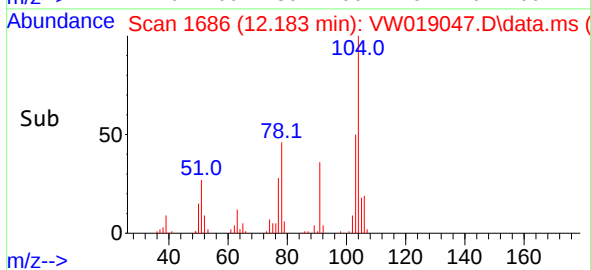
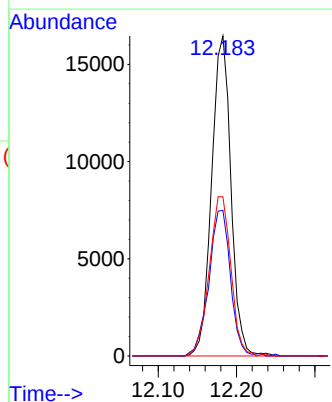
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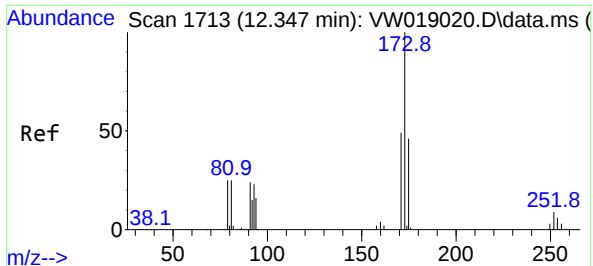


#70
Styrene
Concen: 2.25 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



Tgt Ion:104 Resp: 28229
Ion Ratio Lower Upper
104 100
78 51.0 41.3 61.9
103 55.7 44.1 66.1





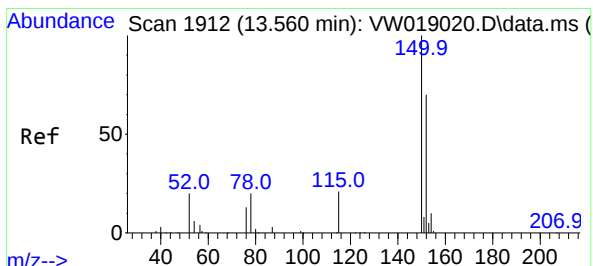
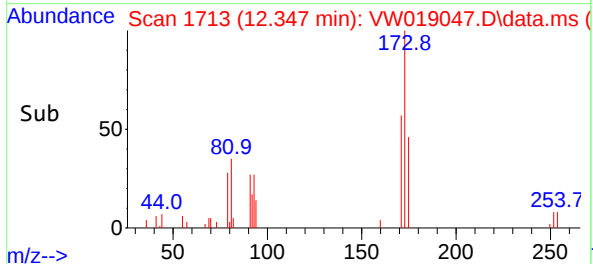
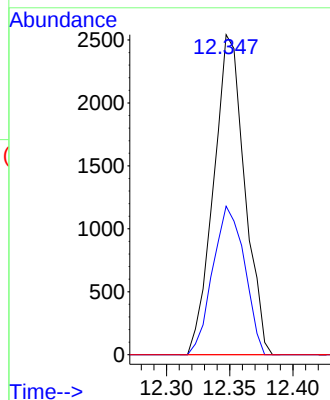
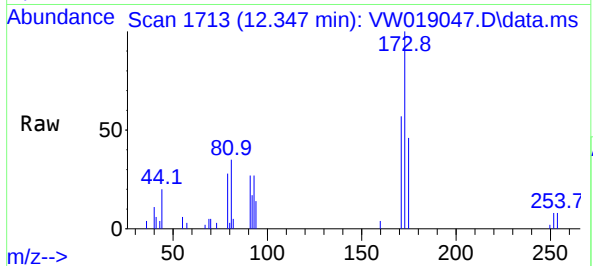
#71
Bromoform
Concen: 2.22 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion:	173	Resp:	4339
Ion Ratio	Lower	Upper	
173	100		
175	47.5	24.6	73.8
254	0.0	0.1	0.1#

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

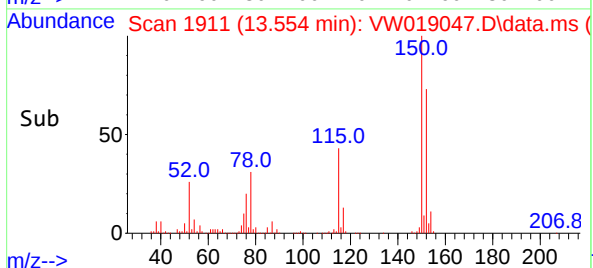
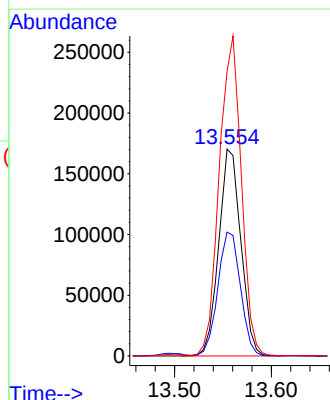
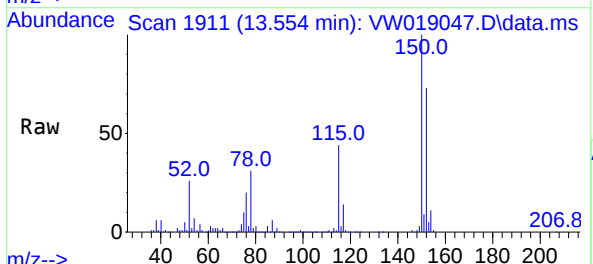
Manual Integrations
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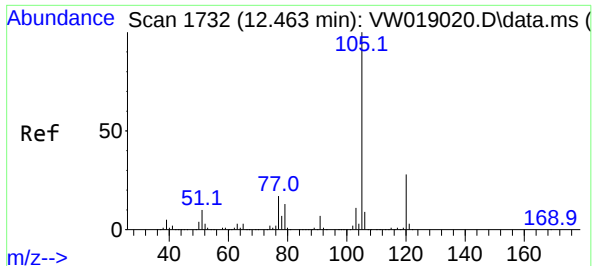
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

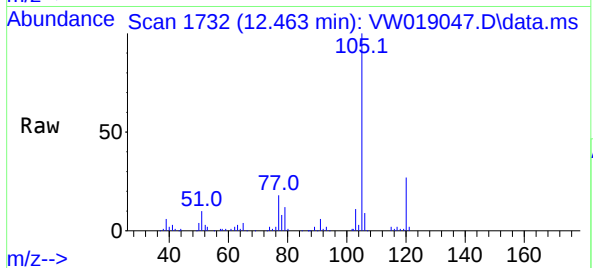
Tgt Ion:	152	Resp:	269952
Ion Ratio	Lower	Upper	
152	100		
115	61.1	30.3	90.8
150	154.0	0.0	356.0





#73
Isopropylbenzene
Concen: 2.32 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

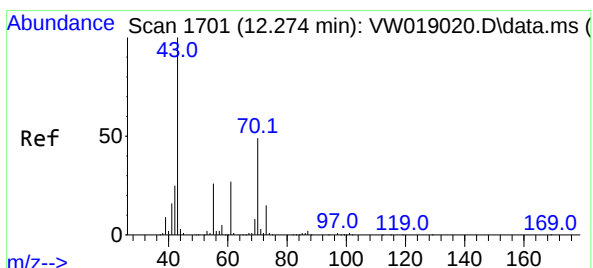
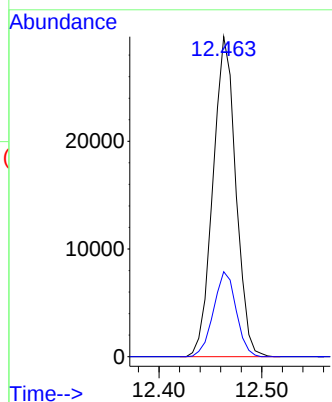
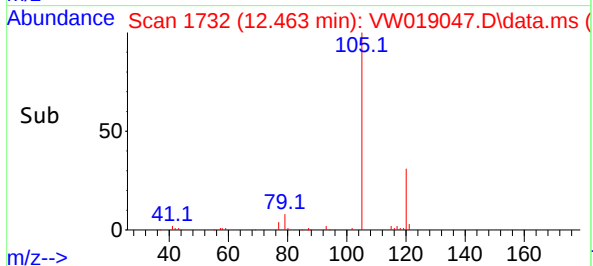
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



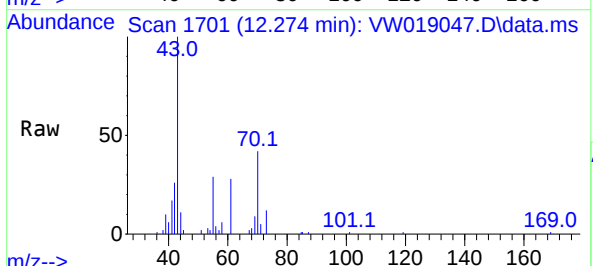
Tgt Ion:105 Resp: 45841
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5

Manual Integrations
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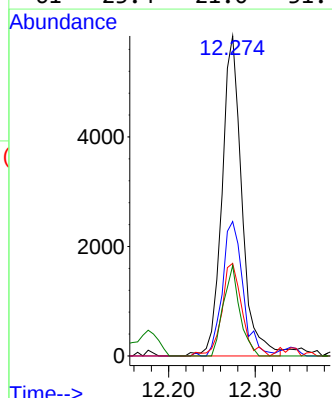
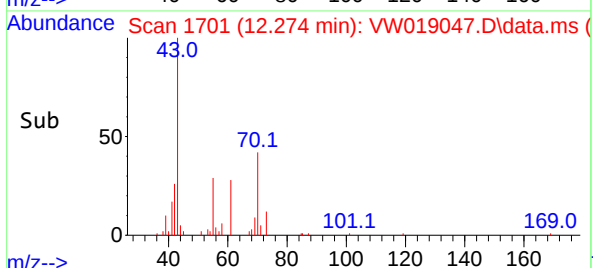
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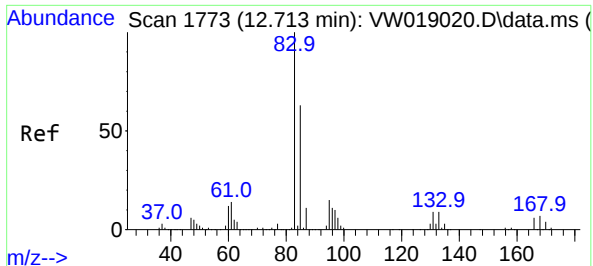


#74
N-ethyl acetate
Concen: 2.28 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



Tgt Ion: 43 Resp: 9311
Ion Ratio Lower Upper
43 100
70 43.8 38.4 57.6
55 29.3 21.6 32.4
61 23.4 21.0 31.4





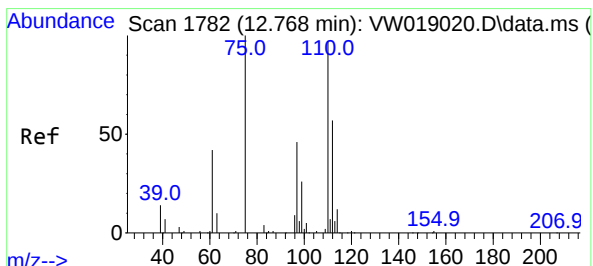
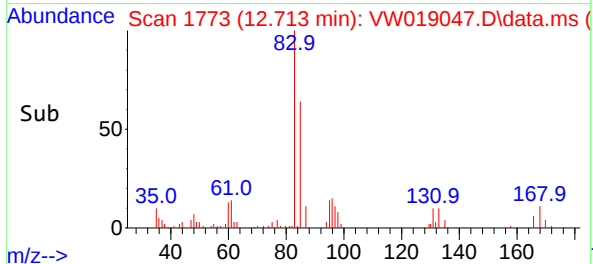
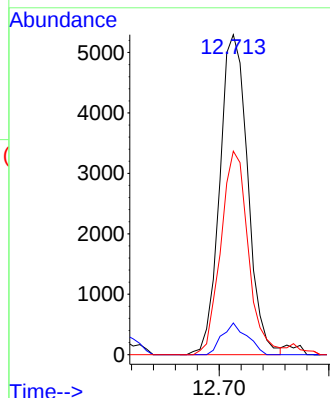
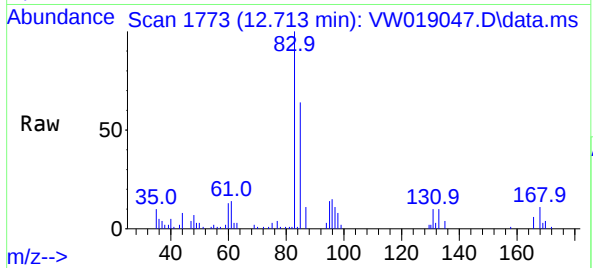
#75
1,1,2,2-Tetrachloroethane
Concen: 2.65 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion: 83 Resp: 9375
Ion Ratio Lower Upper
83 100
131 8.9 5.1 15.2
85 62.5 31.6 94.8

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

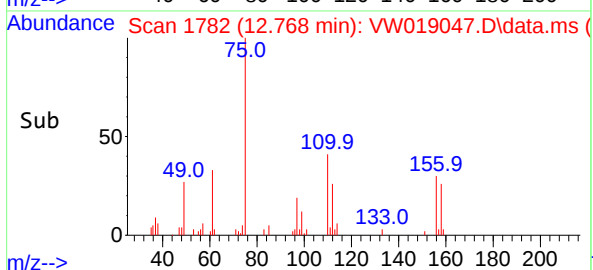
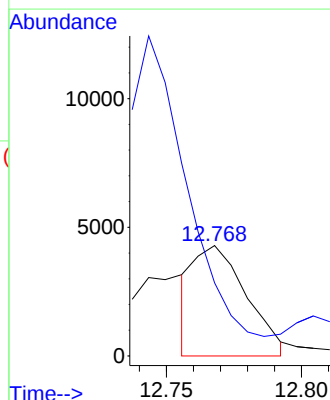
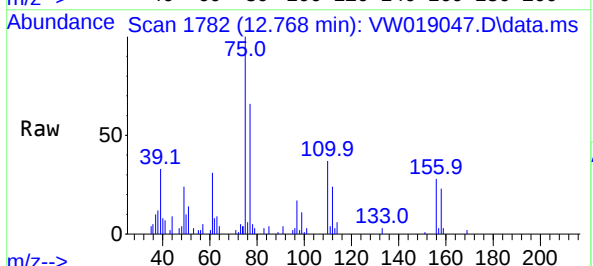
Manual Integrations
APPROVED

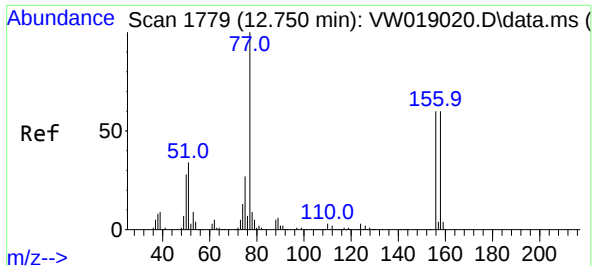
MMDadoda
5/21/2021 1:48:59 PM



#76
1,2,3-Trichloropropane
Concen: 2.28 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion: 75 Resp: 5812
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





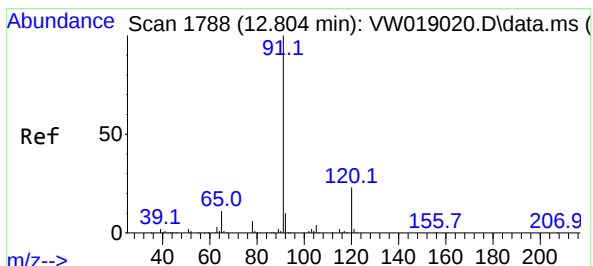
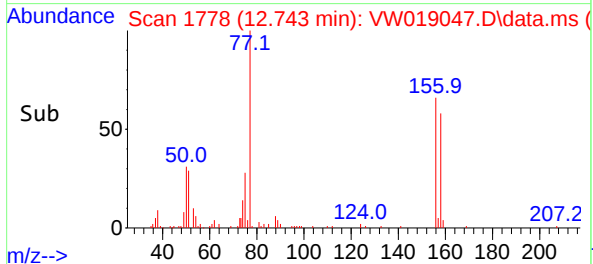
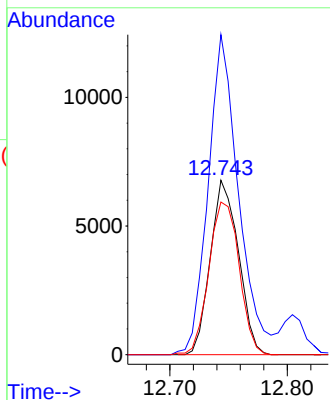
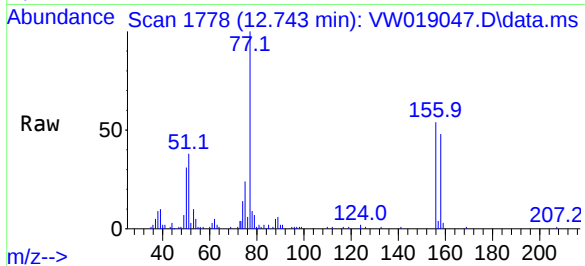
#77
Bromobenzene
Concen: 2.59 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion: 156 Resp: 11291
Ion Ratio Lower Upper
156 100
77 197.2 96.7 290.0
158 94.2 48.4 145.3

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

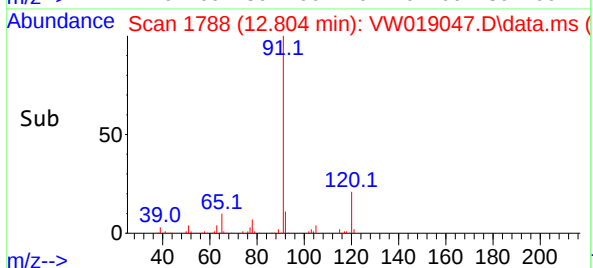
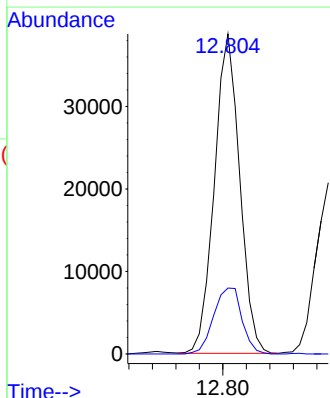
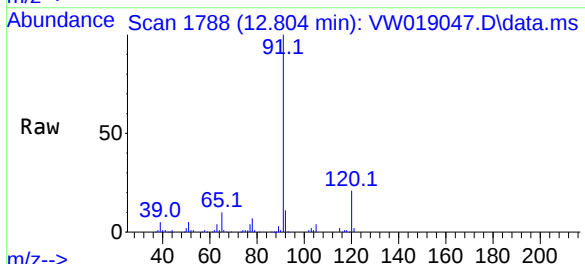
Manual Integrations
APPROVED

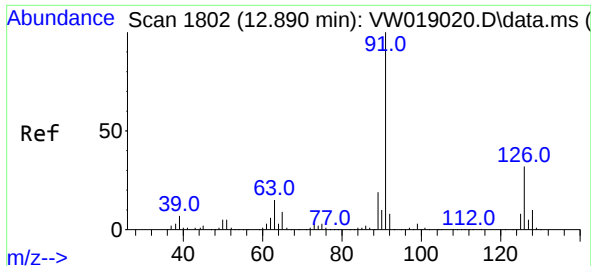
MMDadoda
5/21/2021 1:48:59 PM



#78
n-propylbenzene
Concen: 2.39 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion: 91 Resp: 57935
Ion Ratio Lower Upper
91 100
120 23.0 11.1 33.3





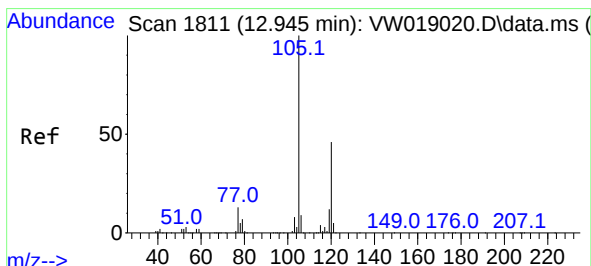
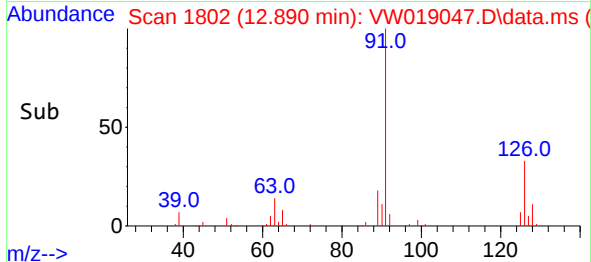
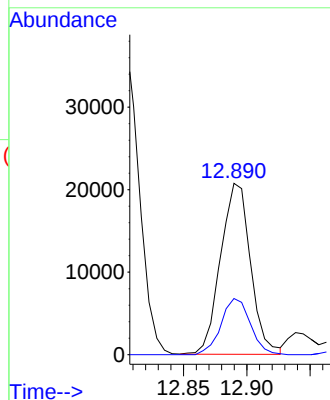
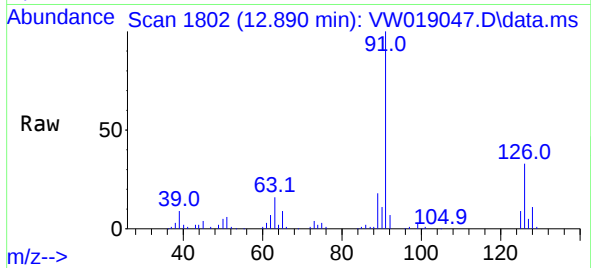
#79
2-Chlorotoluene
Concen: 2.48 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion: 91 Resp: 34222
Ion Ratio Lower Upper
91 100
126 32.1 16.5 49.5

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

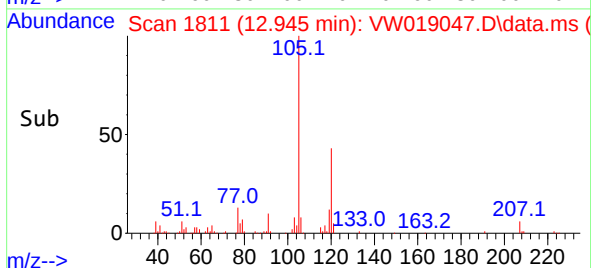
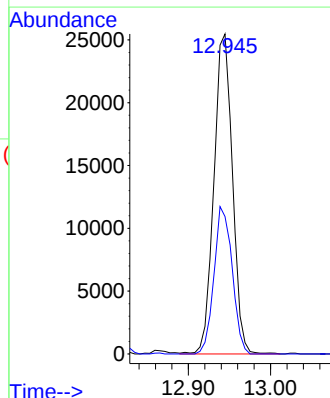
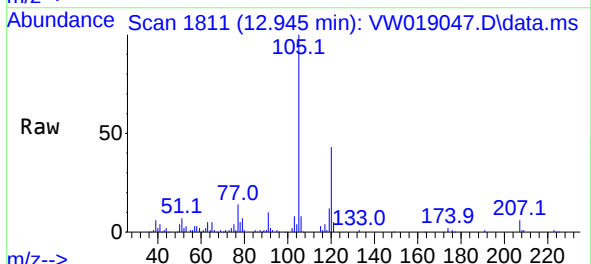
Manual Integrations
APPROVED

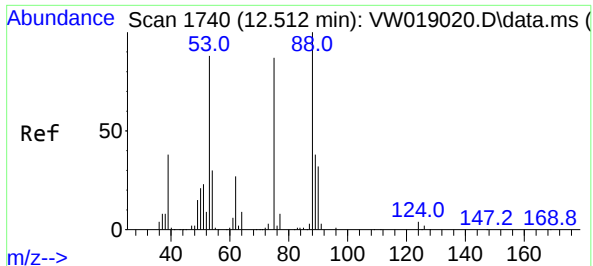
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#80
1,3,5-Trimethylbenzene
Concen: 2.38 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

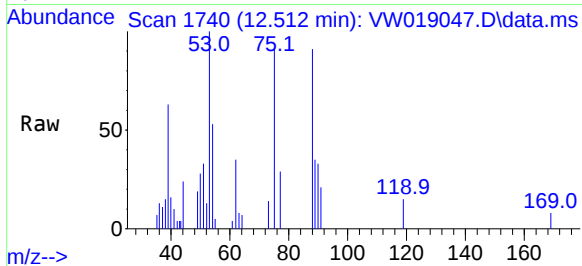
Tgt Ion: 105 Resp: 39969
Ion Ratio Lower Upper
105 100
120 45.0 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 2.01 ug/l m
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

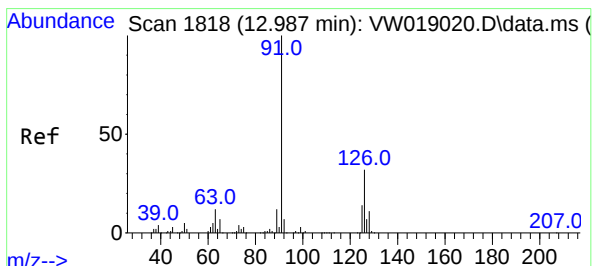
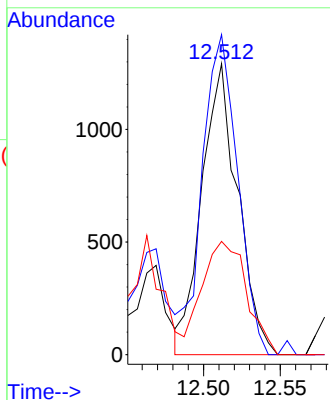
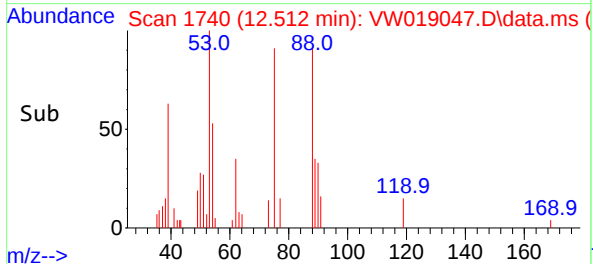
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



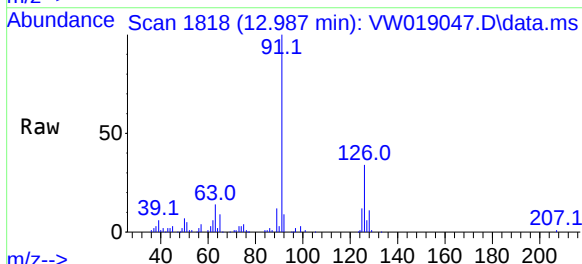
Tgt Ion: 75 Resp: 2103
Ion Ratio Lower Upper
75 100
53 0.0 81.5 122.3#
89 5.9 36.3 54.5#

Manual Integrations
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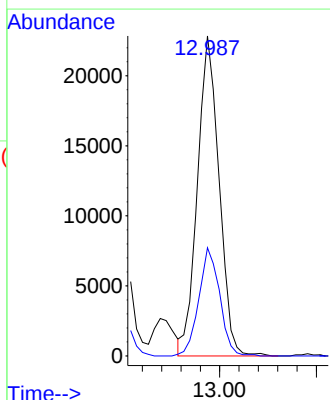
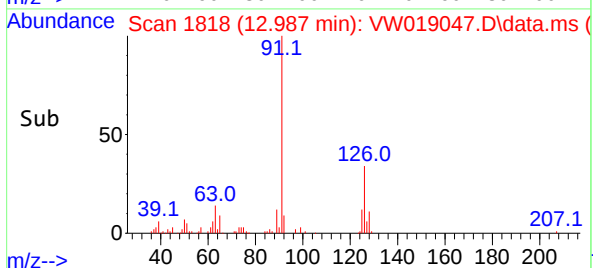
MMDadoda
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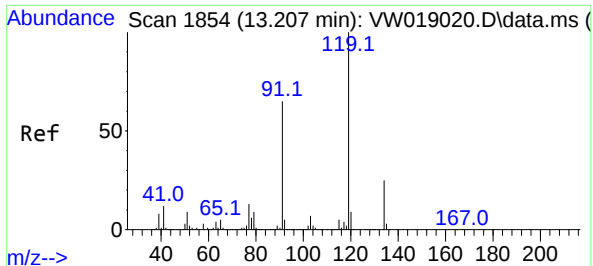


#82
4-Chlorotoluene
Concen: 2.43 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

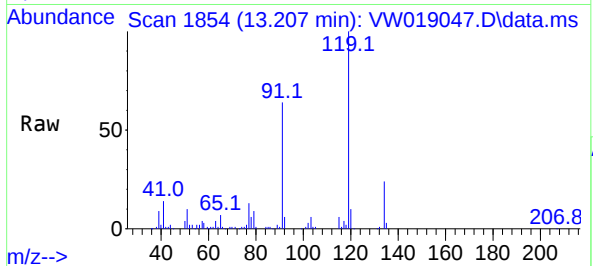


Tgt Ion: 91 Resp: 35524
Ion Ratio Lower Upper
91 100
126 32.8 16.1 48.2

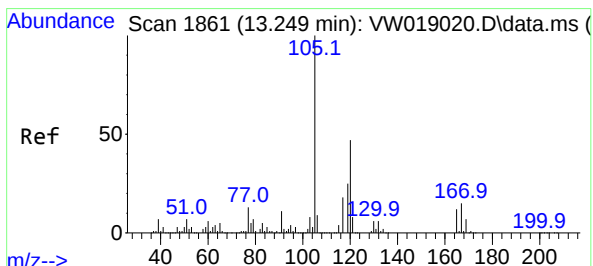
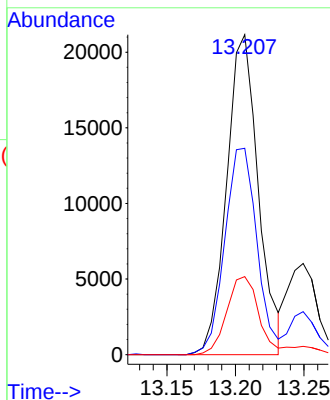
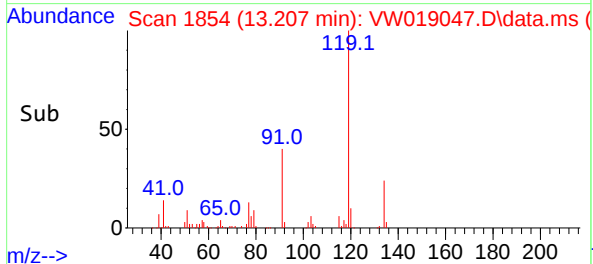




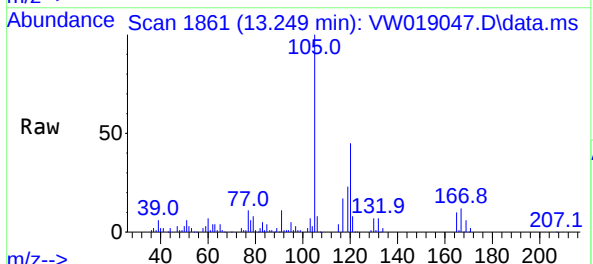
#83
tert-Butylbenzene
Concen: 2.40 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



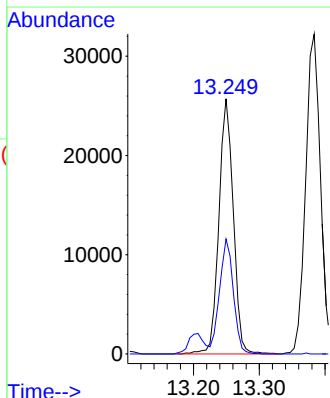
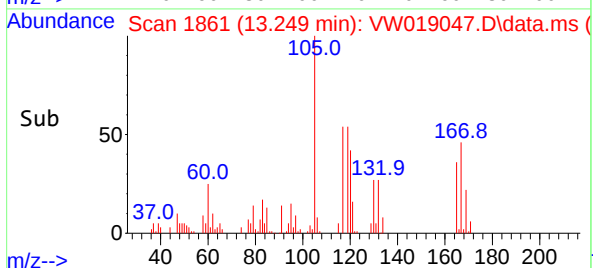
Tgt Ion:119 Resp: 34041
Ion Ratio Lower Upper
119 100
91 65.6 34.0 102.0
134 25.4 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 2.36 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



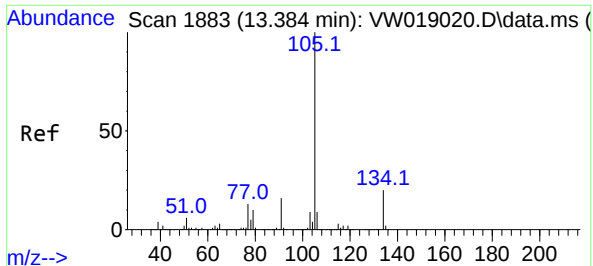
Tgt Ion:105 Resp: 39273
Ion Ratio Lower Upper
105 100
120 42.9 22.4 67.0



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

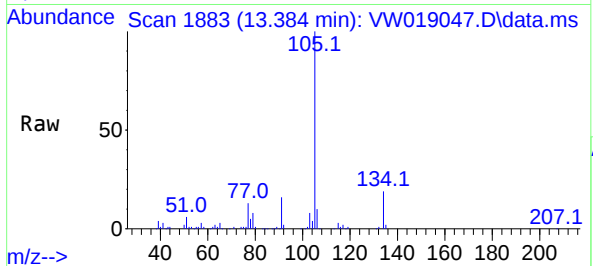
Manual Integrations
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#85
sec-Butylbenzene
Concen: 2.40 ug/l
RT: 13.384 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

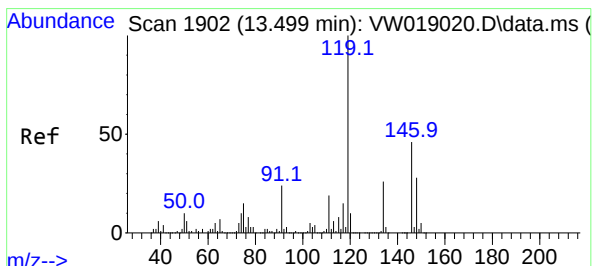
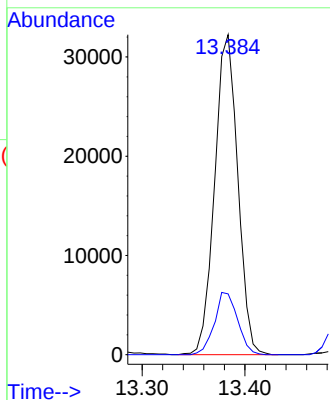
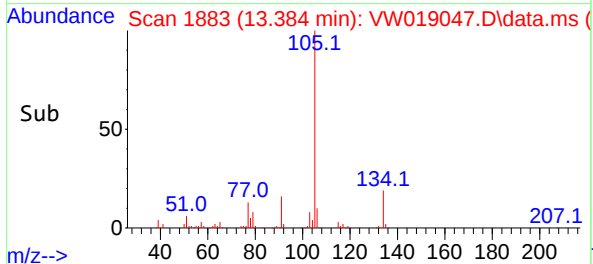
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



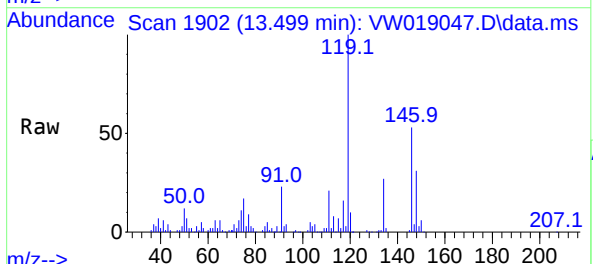
Tgt Ion:105 Resp: 50280
Ion Ratio Lower Upper
105 100
134 19.5 10.1 30.1

Manual Integrations
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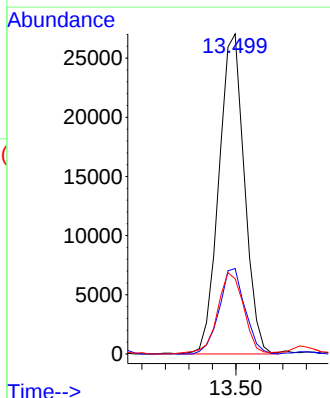
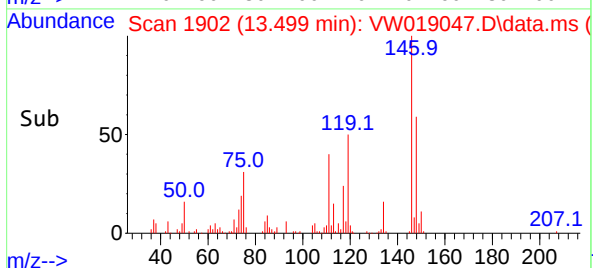
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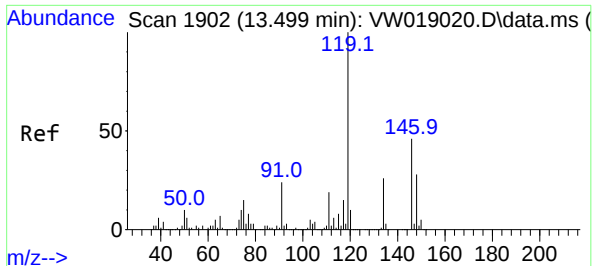


#86
p-Isopropyltoluene
Concen: 2.25 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

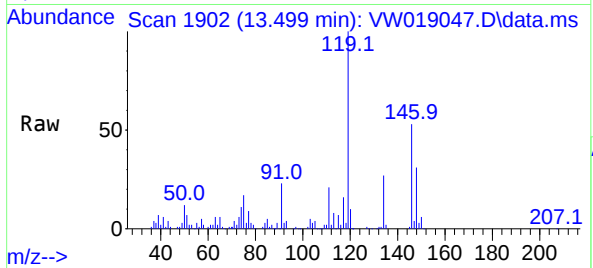


Tgt Ion:119 Resp: 40856
Ion Ratio Lower Upper
119 100
134 26.9 12.8 38.3
91 26.1 12.1 36.3

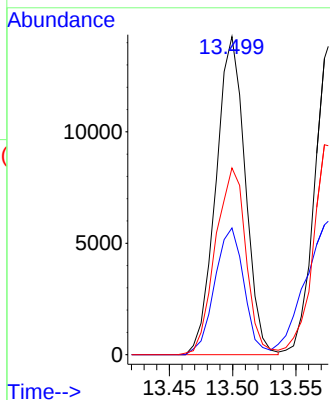




#87
1,3-Dichlorobenzene
Concen: 2.58 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



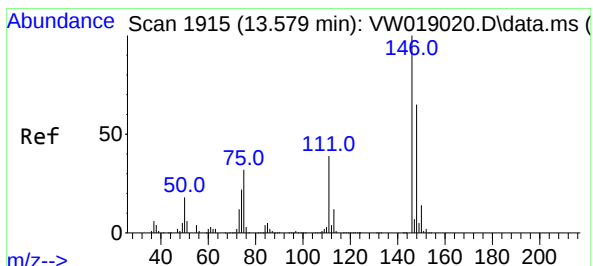
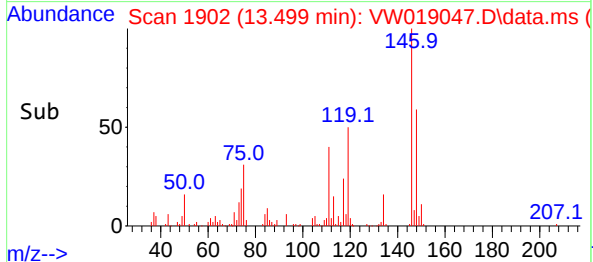
Tgt Ion:146 Resp: 22960
Ion Ratio Lower Upper
146 100
111 40.1 20.7 62.1
148 61.6 31.8 95.3



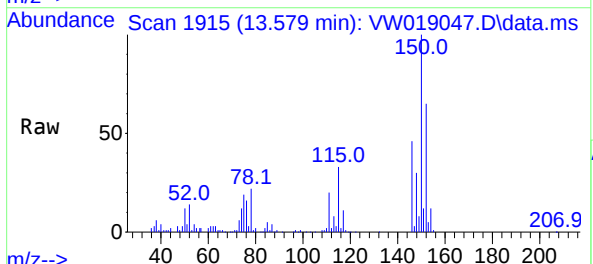
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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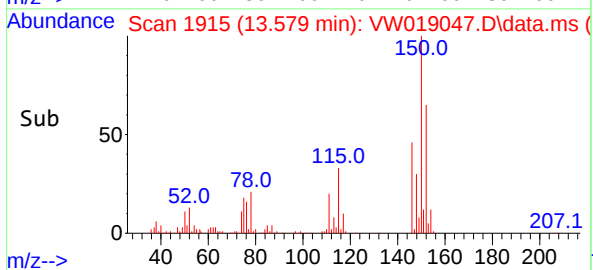
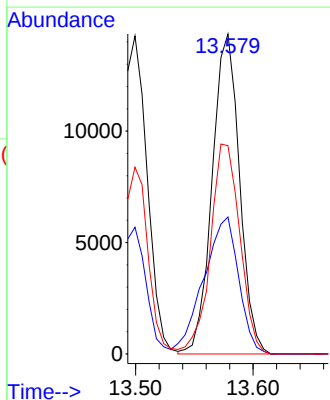
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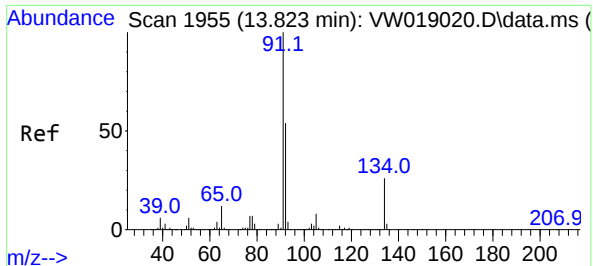


#88
1,4-Dichlorobenzene
Concen: 2.65 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



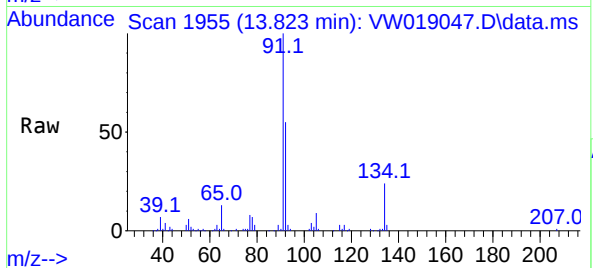
Tgt Ion:146 Resp: 23250
Ion Ratio Lower Upper
146 100
111 54.8 20.1 60.3
148 70.6 32.4 97.2





#89
n-Butylbenzene
Concen: 2.40 ug/l
RT: 13.823 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

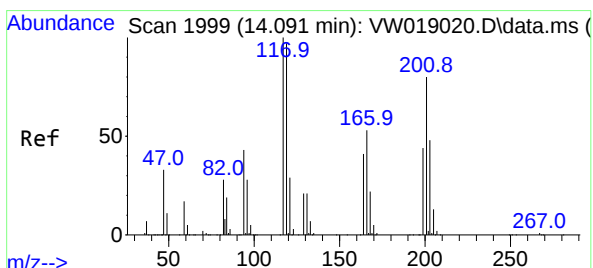
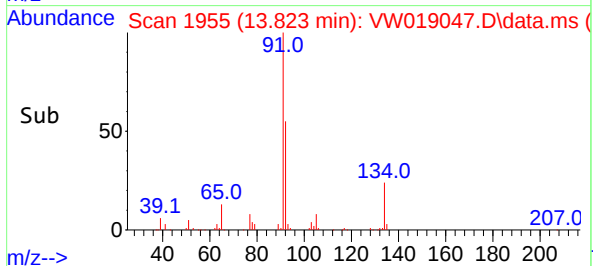
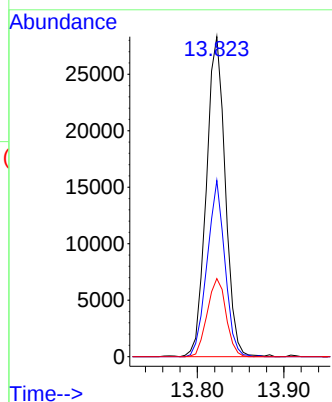
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion: 91 Resp: 42954
Ion Ratio Lower Upper
91 100
92 51.8 26.6 79.8
134 24.3 12.7 38.0

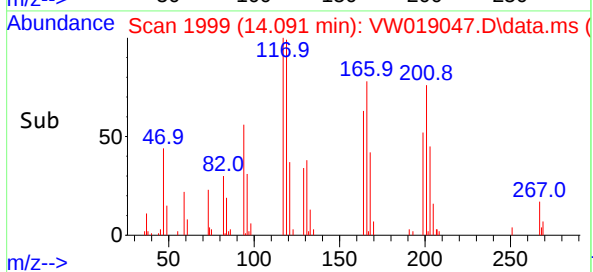
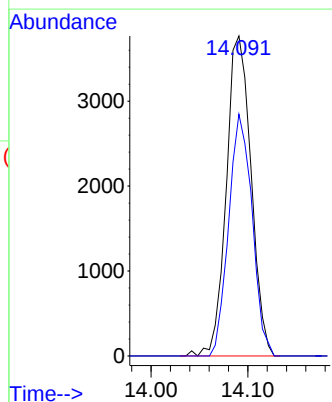
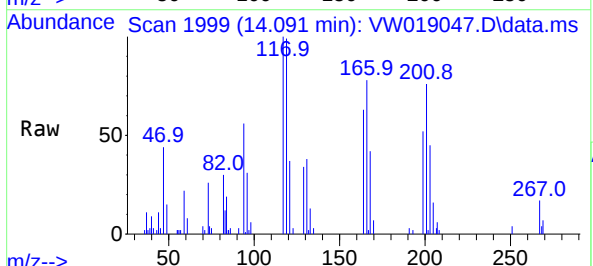
Manual Integrations
APPROVED

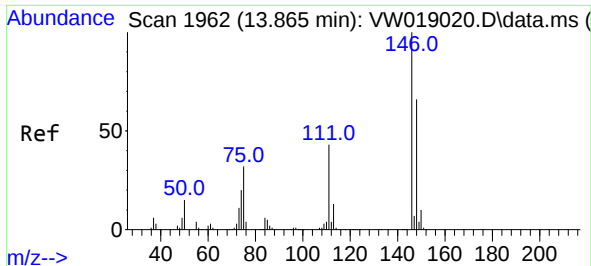
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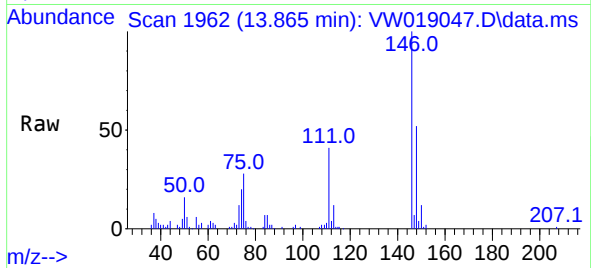
#90
Hexachloroethane
Concen: 2.35 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion: 117 Resp: 6696
Ion Ratio Lower Upper
117 100
201 71.4 38.4 115.2

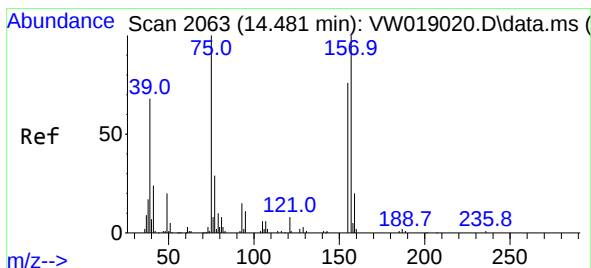
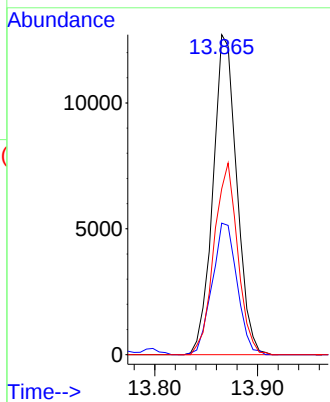
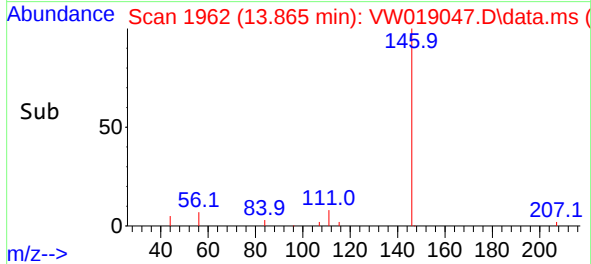




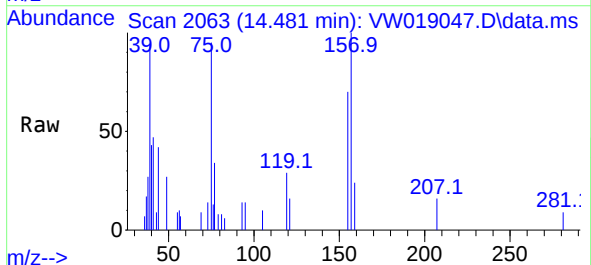
#91
1,2-Dichlorobenzene
Concen: 2.59 ug/l
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



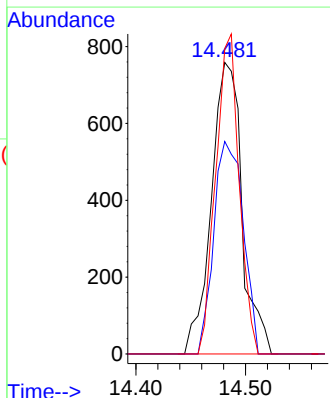
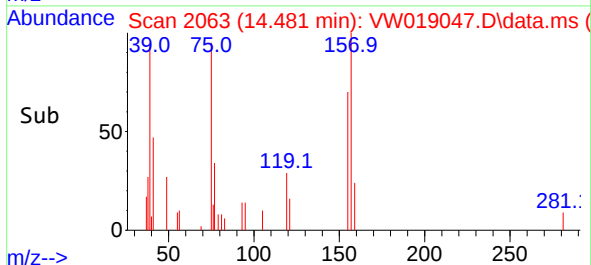
Tgt Ion:	146	Resp:	20429
Ion Ratio	Lower	Upper	
146	100		
111	43.1	21.1	63.1
148	59.6	32.6	97.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.60 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



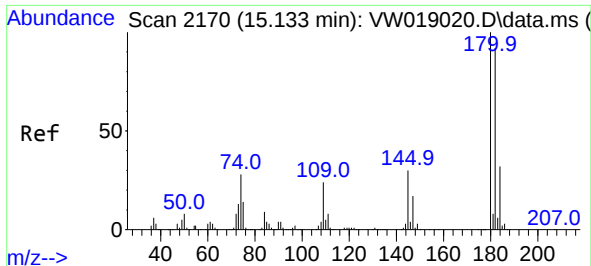
Tgt Ion:	75	Resp:	1471
Ion Ratio	Lower	Upper	
75	100		
155	70.0	41.3	124.1
157	84.2	51.2	153.6



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

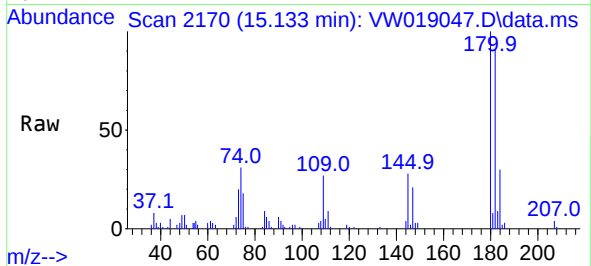
Manual Integrations
APPROVED

MMDadoda
5/21/2021 1:48:59 PM



#93
1,2,4-Trichlorobenzene
Concen: 2.52 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

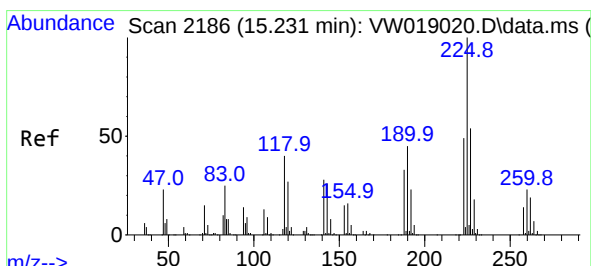
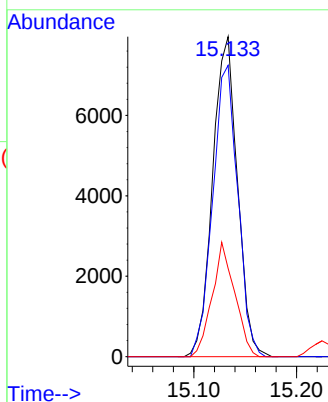
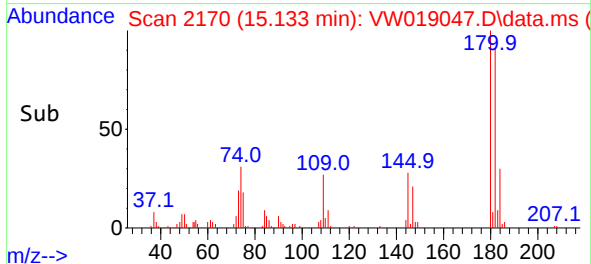
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



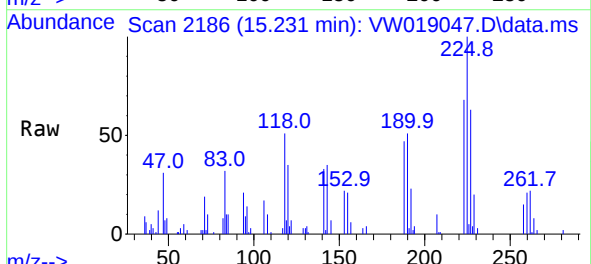
Tgt Ion:180 Resp: 13302
Ion Ratio Lower Upper
180 100
182 92.0 48.9 146.7
145 32.7 15.4 46.1

Manual Integrations
APPROVED

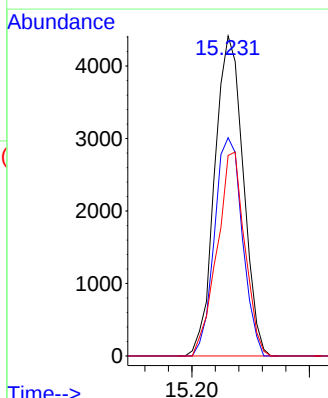
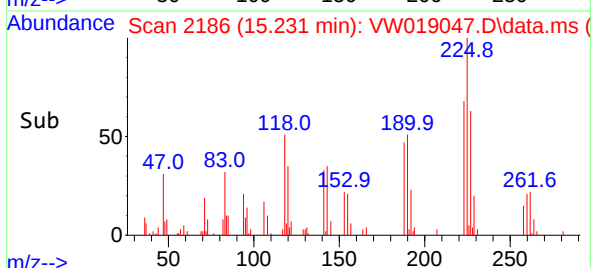
MMDadoda
5/21/2021 1:48:59 PM

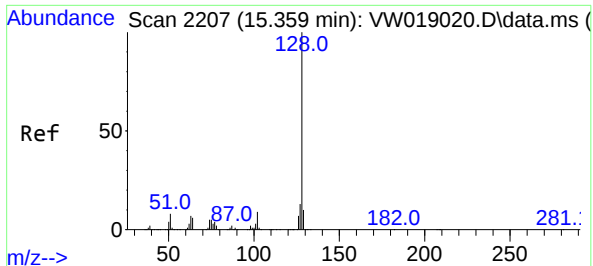


#94
Hexachlorobutadiene
Concen: 2.44 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05



Tgt Ion:225 Resp: 7450
Ion Ratio Lower Upper
225 100
223 66.6 29.6 88.8
227 61.8 30.4 91.3





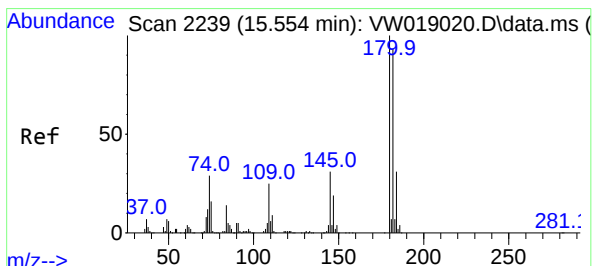
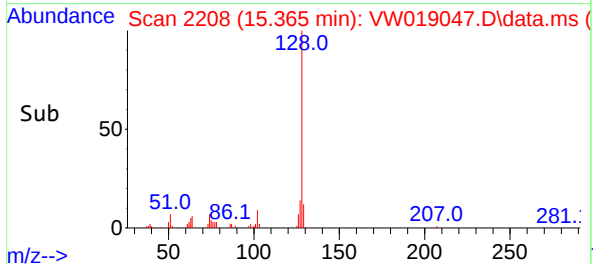
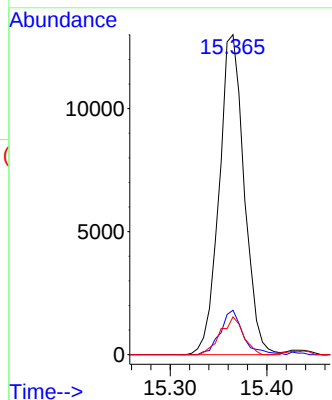
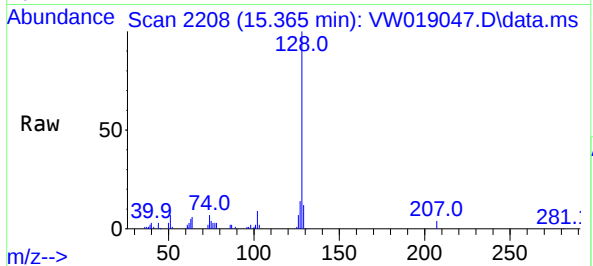
#95
Naphthalene
Concen: 2.43 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion:	128	Resp:	23384
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.4	15.6
129	10.8	8.5	12.7

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

Manual Integrations
APPROVED

MMDadoda
5/21/2021 1:48:59 PM



#96
1,2,3-Trichlorobenzene
Concen: 2.61 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW019047.D
Acq: 20 May 2021 18:05

Tgt Ion:	180	Resp:	11934
Ion Ratio	Lower	Upper	
180	100		
182	98.2	47.4	142.3
145	33.1	16.1	48.2

