

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052021\
 Data File : VW019038.D
 Acq On : 19 May 2021 18:05
 Operator : SY/VA
 Sample : M2262-01 2.5PPBLOD
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 5/20/2021 6:00:20 PM

Quant Time: May 20 03:46:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 20 03:45:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	377360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	633769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	584708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	288938	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	225971	58.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.42%	
35) Dibromofluoromethane	7.884	113	199534	56.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.08%	
50) Toluene-d8	10.323	98	810592	58.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.72%	
62) 4-Bromofluorobenzene	12.615	95	278925	55.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.42%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	5744	2.26	ug/l	84
3) Chloromethane	2.215	50	7834	2.78	ug/l	96
4) Vinyl Chloride	2.361	62	9398	2.27	ug/l	98
5) Bromomethane	2.776	94	8661	2.50	ug/l	100
6) Chloroethane	2.922	64	6185	2.17	ug/l	93
7) Trichlorofluoromethane	3.257	101	4461	1.96	ug/l	84
8) Diethyl Ether	3.684	74	5474	2.76	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.068	101	9502	2.58	ug/l	98
10) Methyl Iodide	4.281	142	11899	2.20	ug/l	96
11) Tert butyl alcohol	5.172	59	6189m	27.62	ug/l	
12) 1,1-Dichloroethene	4.050	96	9006	2.40	ug/l	99
13) Acrolein	3.903	56	2987	11.75	ug/l	98
14) Allyl chloride	4.672	41	11023	2.25	ug/l	97
15) Acrylonitrile	5.373	53	9117	12.27	ug/l	97
16) Acetone	4.129	43	11819	19.53	ug/l	100
17) Carbon Disulfide	4.391	76	21927	2.14	ug/l	98
18) Methyl Acetate	4.665	43	4891	2.75	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	11390	2.41	ug/l	94
20) Methylene Chloride	4.922	84	42928	7.91	ug/l	95
21) trans-1,2-Dichloroethene	5.415	96	10833	2.52	ug/l	89
22) Diisopropyl ether	6.312	45	23018	2.31	ug/l	91
23) Vinyl Acetate	6.257	43	70597	10.55	ug/l	99
24) 1,1-Dichloroethane	6.220	63	18203	2.36	ug/l	99
25) 2-Butanone	7.177	43	14036	14.12	ug/l	94
26) 2,2-Dichloropropane	7.159	77	12466	3.00	ug/l	91
27) cis-1,2-Dichloroethene	7.171	96	11564	2.43	ug/l	92
28) Bromochloromethane	7.513	49	8071	2.58	ug/l	99
29) Tetrahydrofuran	7.543	42	7515	12.93	ug/l	96
30) Chloroform	7.677	83	19678	2.51	ug/l	93
31) Cyclohexane	7.951	56	23139	3.59	ug/l #	64
32) 1,1,1-Trichloroethane	7.872	97	13434	2.31	ug/l	98
36) 1,1-Dichloropropene	8.080	75	15684	2.49	ug/l	98
37) Ethyl Acetate	7.263	43	8041	3.29	ug/l	98
38) Carbon Tetrachloride	8.067	117	12691	2.28	ug/l	99
39) Methylcyclohexane	9.335	83	17184	2.46	ug/l	96
40) Benzene	8.323	78	42823	2.43	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.494	41	2664	2.00	ug/l #	94
42) 1,2-Dichloroethane	8.403	62	13165	2.52	ug/l	97
43) Isopropyl Acetate	8.427	43	11256	2.47	ug/l	98
44) Trichloroethene	9.098	130	11044	2.43	ug/l	98
45) 1,2-Dichloropropane	9.372	63	10508	2.46	ug/l	98
46) Dibromomethane	9.463	93	5881	2.54	ug/l	95
47) Bromodichloromethane	9.646	83	13487	2.34	ug/l	93
48) Methyl methacrylate	9.439	41	4658	2.23	ug/l	97
49) 1,4-Dioxane	9.470	88	1218m	46.12	ug/l	
51) 4-Methyl-2-Pentanone	10.213	43	30736	13.03	ug/l	98
52) Toluene	10.384	92	27402	2.45	ug/l	99
53) t-1,3-Dichloropropene	10.610	75	11982	2.12	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	15083	2.24	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	7649	2.39	ug/l	96
56) Ethyl methacrylate	10.646	69	8585	2.13	ug/l #	89
57) 1,3-Dichloropropane	10.933	76	13552	2.37	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	22244	10.69	ug/l	100
59) 2-Hexanone	10.969	43	17939	11.44	ug/l	95
60) Dibromochloromethane	11.128	129	7815	2.18	ug/l	98
61) 1,2-Dibromoethane	11.237	107	7421	2.41	ug/l	97
64) Tetrachloroethene	10.860	164	9504	2.50	ug/l	94
65) Chlorobenzene	11.658	112	28265	2.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	9044	2.23	ug/l	95
67) Ethyl Benzene	11.731	91	51032	2.32	ug/l	98
68) m/p-Xylenes	11.841	106	37317	4.51	ug/l	98
69) o-Xylene	12.164	106	17748	2.30	ug/l	97
70) Styrene	12.182	104	28565	2.18	ug/l	98
71) Bromoform	12.347	173	4441	2.18	ug/l #	93
73) Isopropylbenzene	12.463	105	46683	2.20	ug/l	99
74) N-amyl acetate	12.274	43	8667	1.98	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.719	83	9567	2.52	ug/l	99
76) 1,2,3-Trichloropropane	12.774	75	6139m	2.25	ug/l	
77) Bromobenzene	12.743	156	11332	2.43	ug/l	94
78) n-propylbenzene	12.804	91	60562	2.34	ug/l	100
79) 2-Chlorotoluene	12.890	91	34272	2.32	ug/l	99
80) 1,3,5-Trimethylbenzene	12.945	105	39940	2.22	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.518	75	2091m	1.87	ug/l	
82) 4-Chlorotoluene	12.987	91	36517	2.33	ug/l	100
83) tert-Butylbenzene	13.207	119	34674	2.29	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	41216	2.31	ug/l	99
85) sec-Butylbenzene	13.383	105	51278	2.28	ug/l	100
86) p-Isopropyltoluene	13.499	119	42870	2.20	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	23699	2.49	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	23806	2.53	ug/l	88
89) n-Butylbenzene	13.822	91	44109	2.30	ug/l	100
90) Hexachloroethane	14.091	117	6726	2.20	ug/l	98
91) 1,2-Dichlorobenzene	13.871	146	20490	2.43	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	1503	2.48	ug/l	89
93) 1,2,4-Trichlorobenzene	15.133	180	14730	2.61	ug/l	97
94) Hexachlorobutadiene	15.231	225	7957	2.44	ug/l	90
95) Naphthalene	15.365	128	23914	2.32	ug/l	97
96) 1,2,3-Trichlorobenzene	15.554	180	12805	2.62	ug/l	100

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

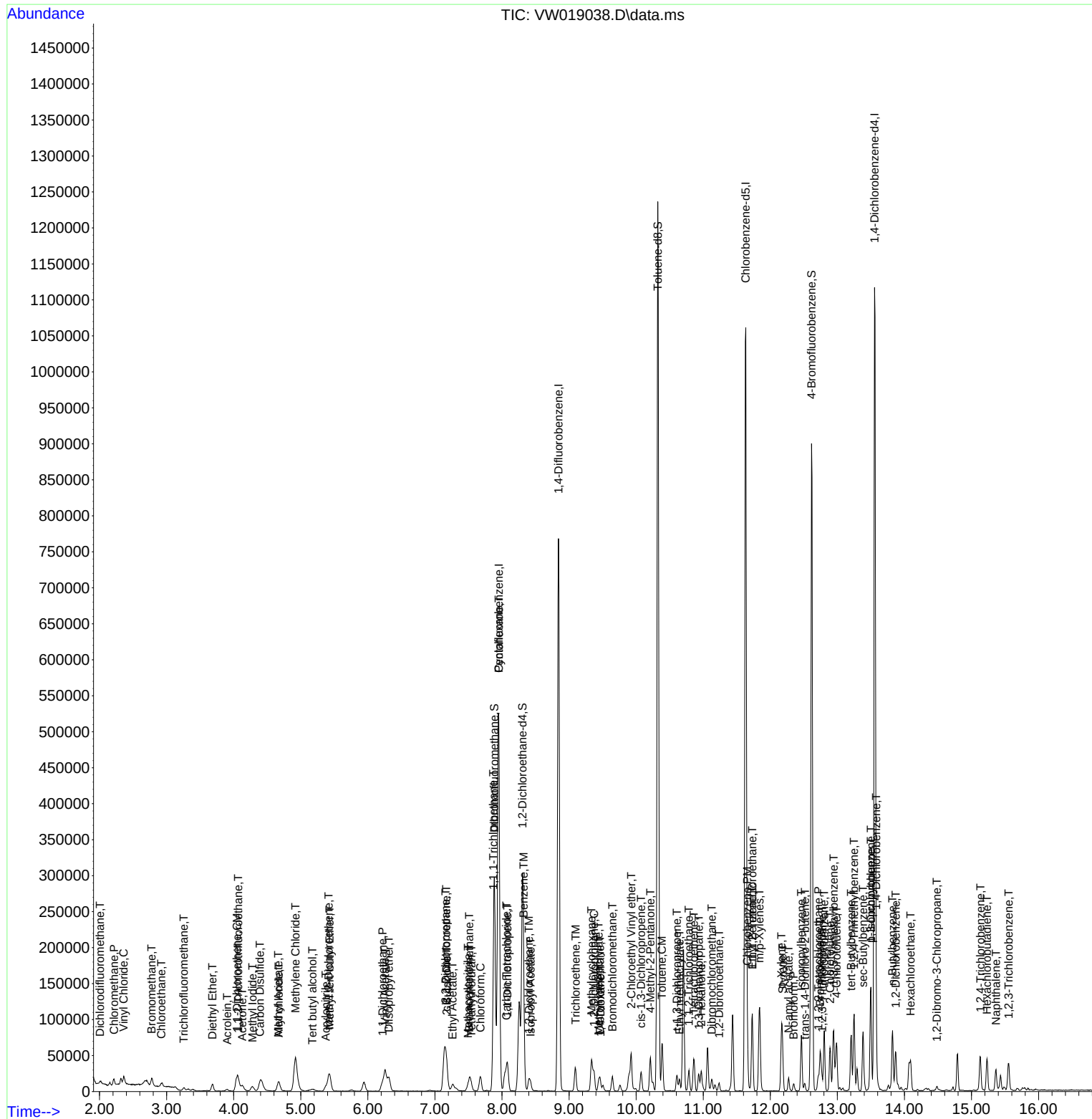
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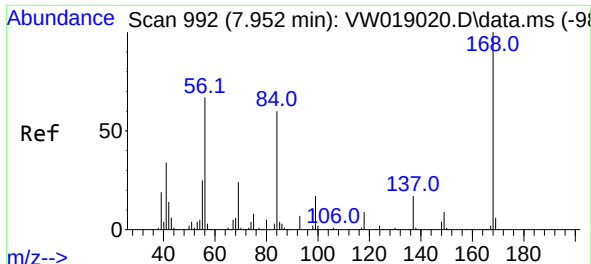
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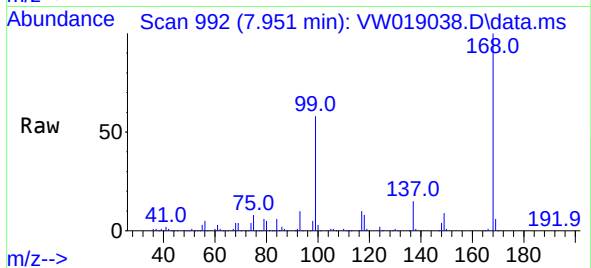
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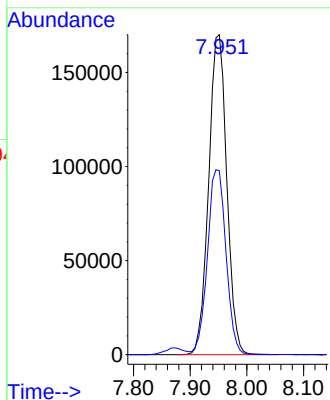
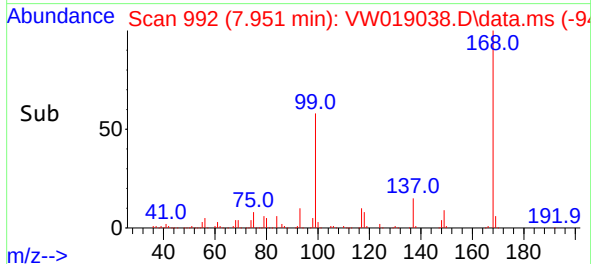




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.001 min
Lab File: VW019038.D
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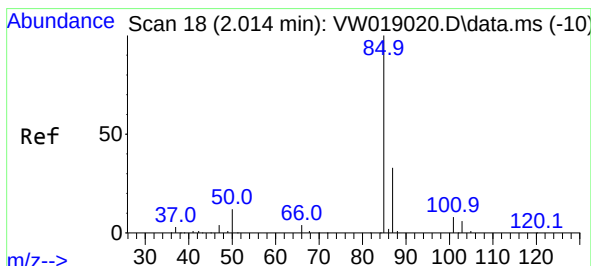
Tgt Ion:168 Resp: 377360
Ion Ratio Lower Upper
168 100
99 57.5 48.8 73.2



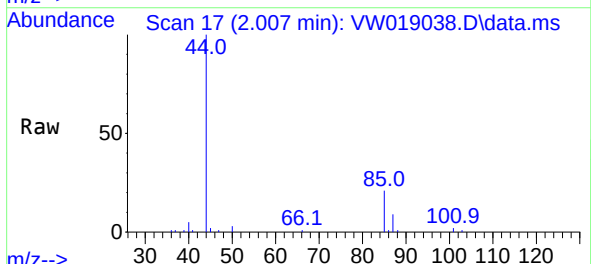
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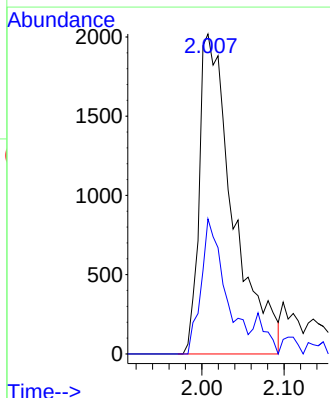
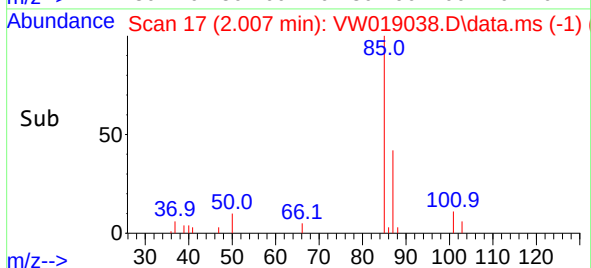
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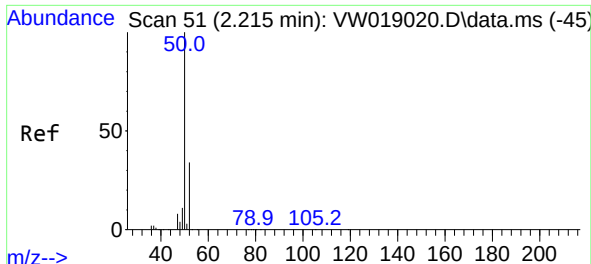


#2
Dichlorodifluoromethane
Concen: 2.26 ug/l
RT: 2.007 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



Tgt Ion: 85 Resp: 5744
Ion Ratio Lower Upper
85 100
87 42.2 16.7 50.0





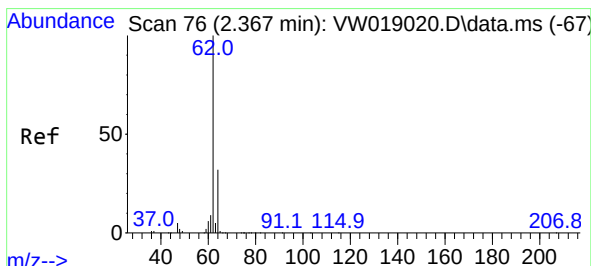
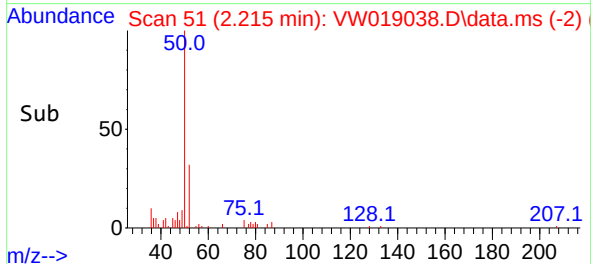
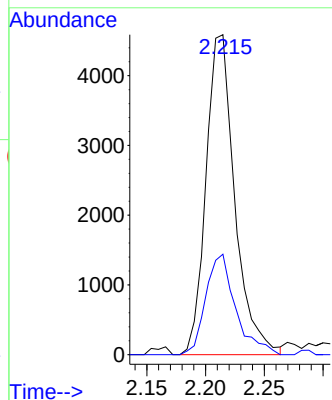
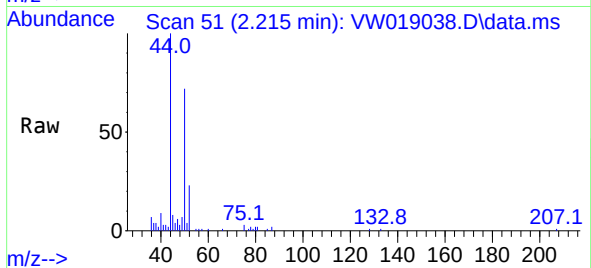
#3
Chloromethane
Concen: 2.78 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 50 Resp: 7834
Ion Ratio Lower Upper
50 100
52 31.4 26.9 40.3

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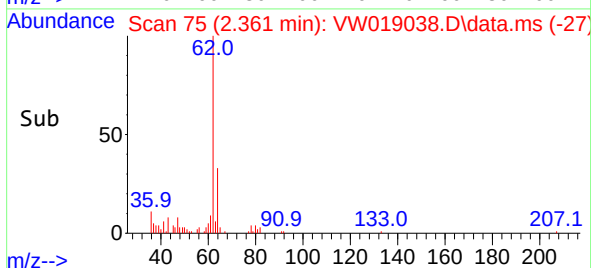
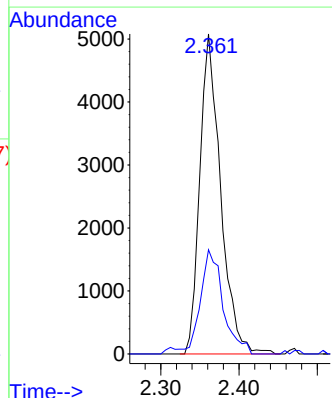
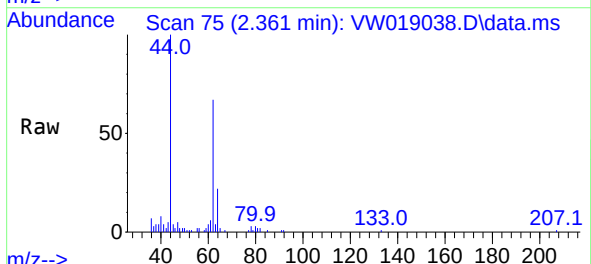
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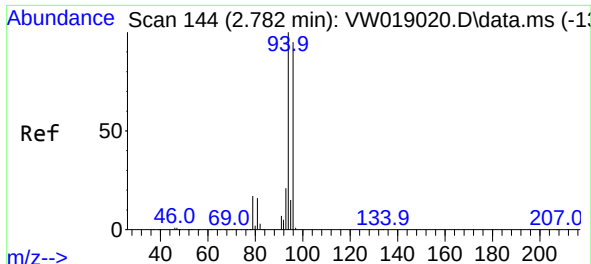
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#4
Vinyl Chloride
Concen: 2.27 ug/l
RT: 2.361 min Scan# 75
Delta R.T. -0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

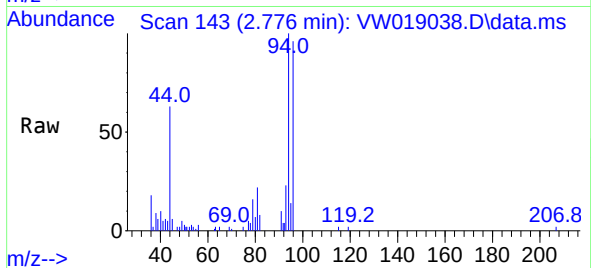
Tgt Ion: 62 Resp: 9398
Ion Ratio Lower Upper
62 100
64 32.6 25.3 37.9





#5
Bromomethane
Concen: 2.50 ug/l
RT: 2.776 min Scan# 143
Delta R.T. -0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

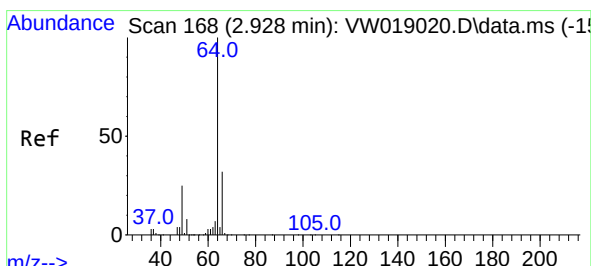
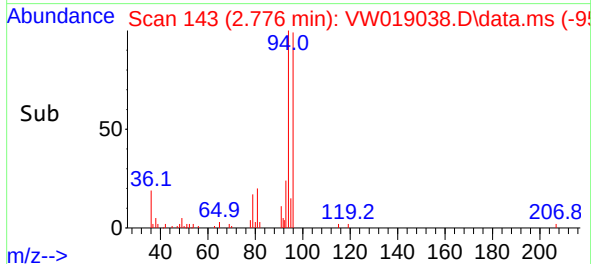
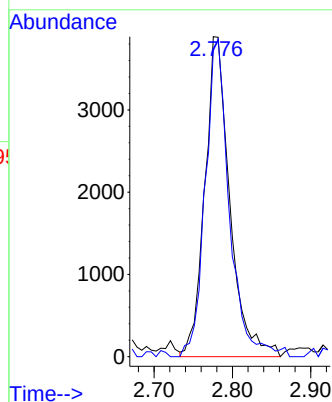
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Tgt Ion: 94 Resp: 8661
Ion Ratio Lower Upper
94 100
96 95.8 76.4 114.6

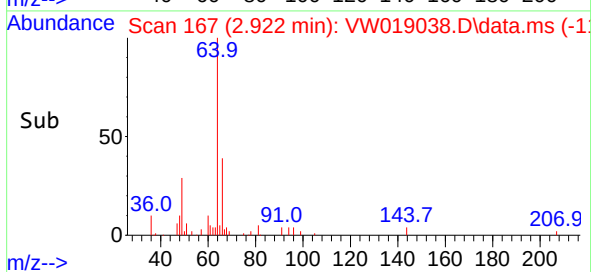
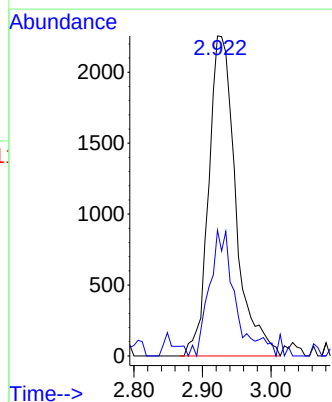
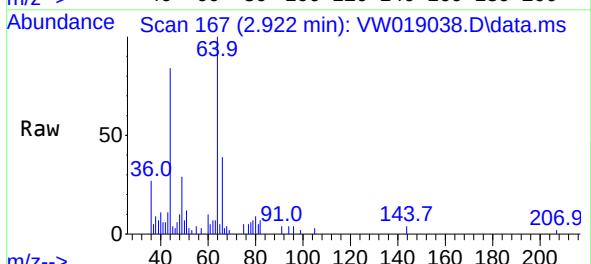
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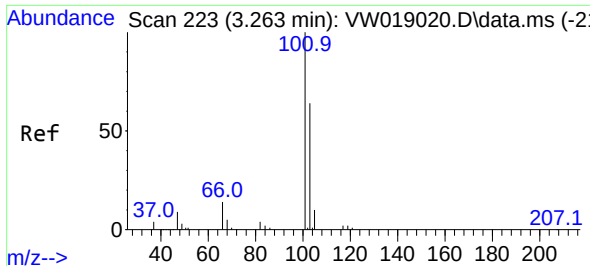
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#6
Chloroethane
Concen: 2.17 ug/l
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 64 Resp: 6185
Ion Ratio Lower Upper
64 100
66 36.3 25.9 38.9





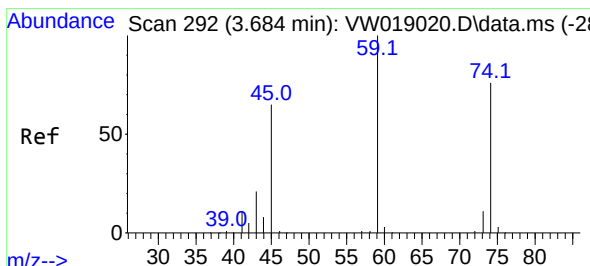
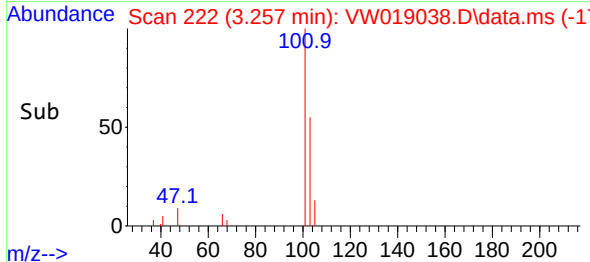
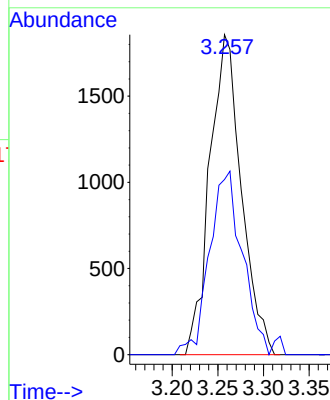
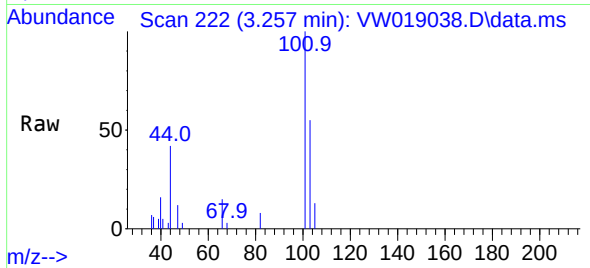
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Trichlorofluoromethane
Concen: 1.96 ug/l
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 101 Resp: 4461
Ion Ratio Lower Upper
101 100
103 52.0 51.4 77.2

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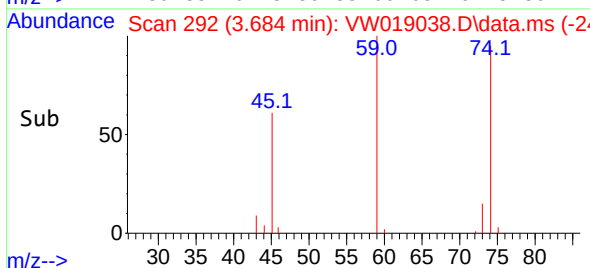
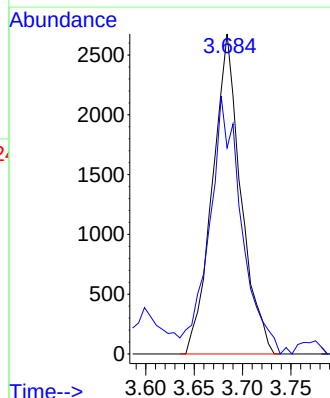
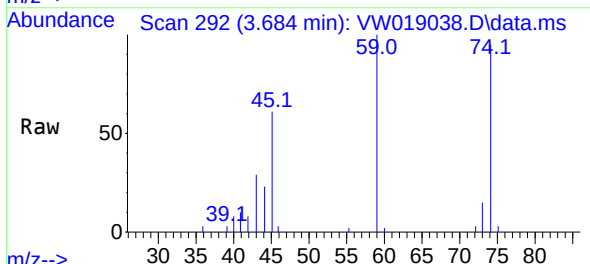
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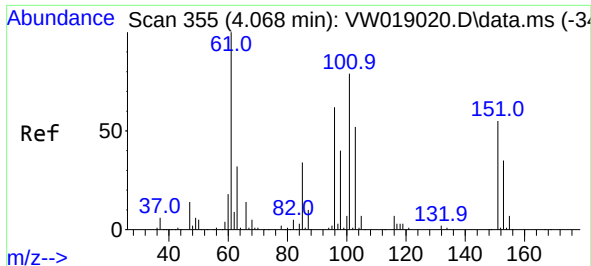
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#8
Diethyl Ether
Concen: 2.76 ug/l
RT: 3.684 min Scan# 292
Delta R.T. -0.000 min
Lab File: VW019038.D
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Tgt Ion: 74 Resp: 5474
Ion Ratio Lower Upper
74 100
45 91.1 43.3 129.8





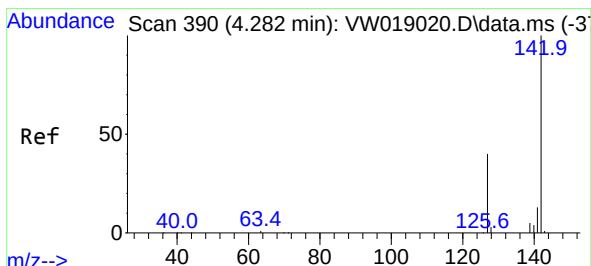
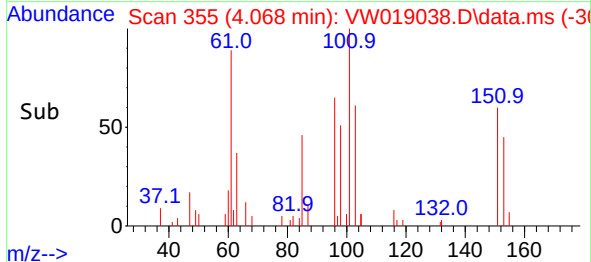
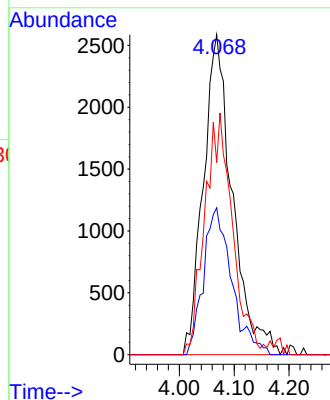
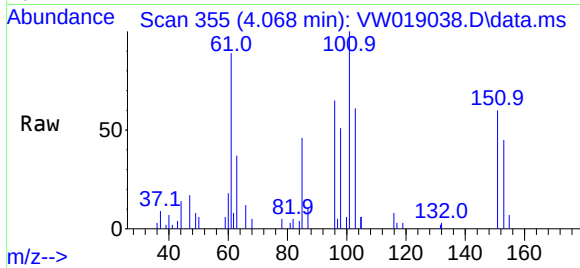
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.58 ug/l
RT: 4.068 min Scan# 355
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion:	101	Resp:	9502
Ion	Ratio	Lower	Upper
101	100		
85	44.5	35.9	53.9
151	71.8	59.8	89.6

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

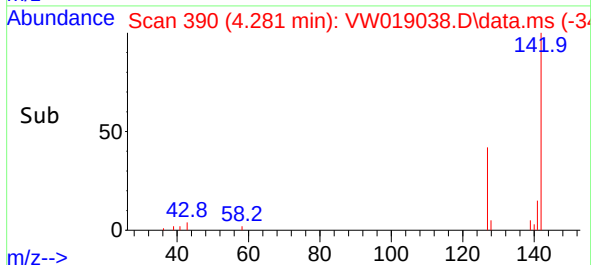
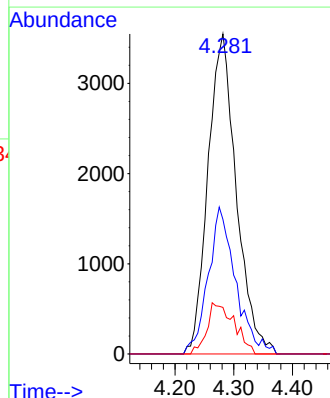
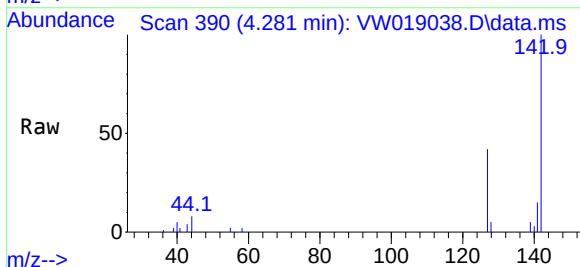
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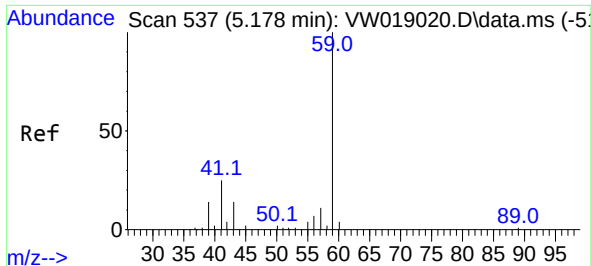
MMDadoda
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#10
Methyl Iodide
Concen: 2.20 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion:	142	Resp:	11899
Ion	Ratio	Lower	Upper
142	100		
127	44.5	33.7	50.5
141	15.3	11.2	16.8





#11

Tert butyl alcohol

Concen: 27.62 ug/l m

RT: 5.172 min Scan# 536

Delta R.T. -0.006 min

Lab File: VW019038.D

Acq: 19 May 2021 18:05

Tgt Ion: 59 Resp: 6189

Ion	Ratio	Lower	Upper
59	100		
57	7.2	8.9	13.3#

Instrument :

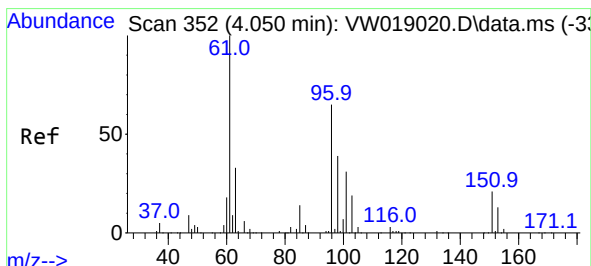
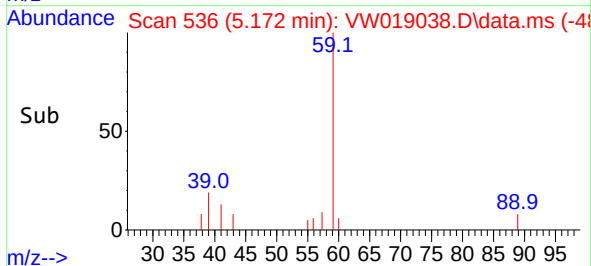
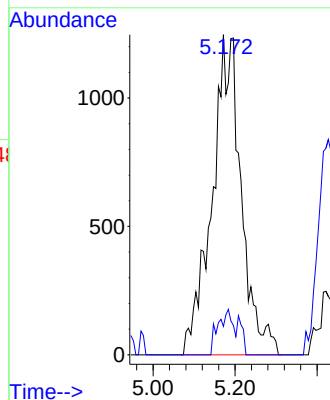
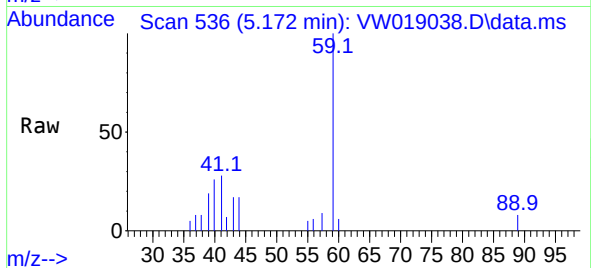
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ClientSampleId :

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Manual Integrations
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#12

1,1-Dichloroethene

Concen: 2.40 ug/l

RT: 4.050 min Scan# 352

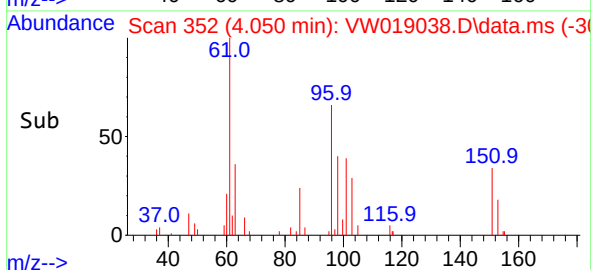
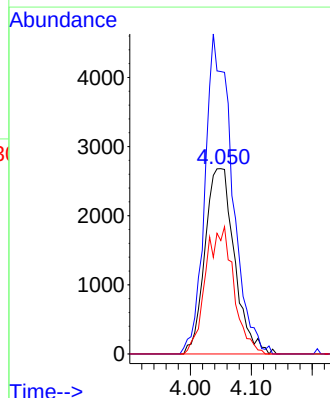
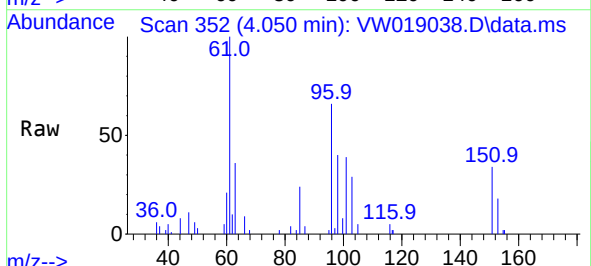
Delta R.T. -0.000 min

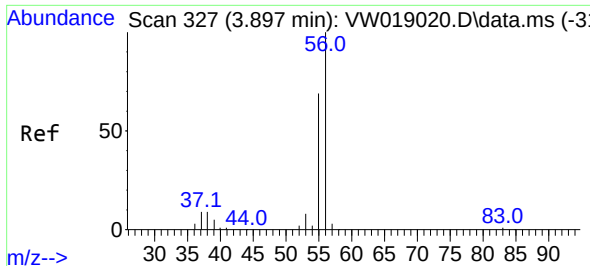
Lab File: VW019038.D

Acq: 19 May 2021 18:05

Tgt Ion: 96 Resp: 9006

Ion	Ratio	Lower	Upper
96	100		
61	152.5	123.0	184.4
98	61.2	47.5	71.3





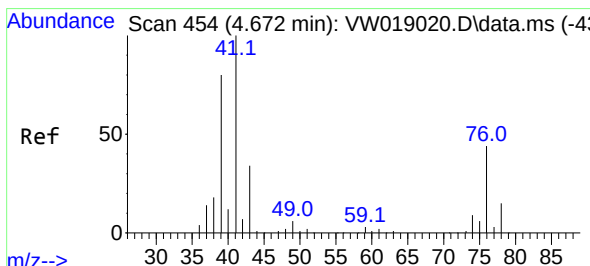
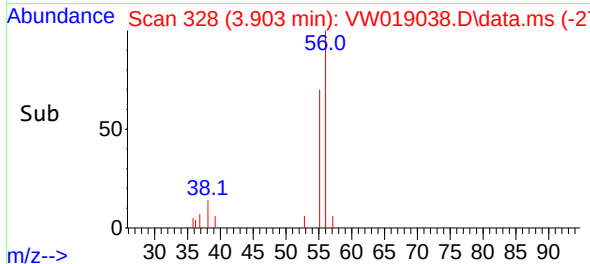
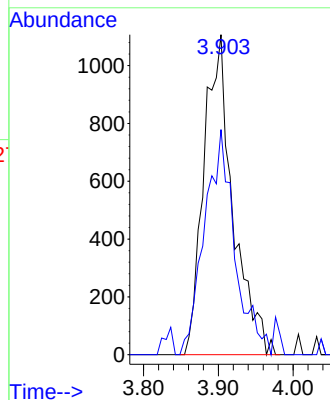
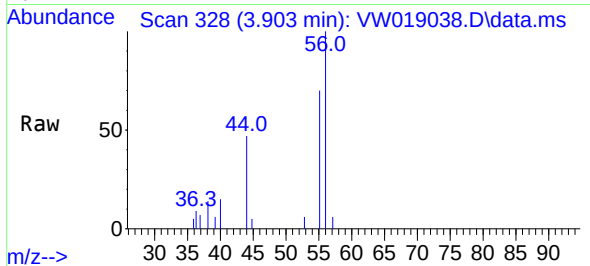
#13
Acrolein
Concen: 11.75 ug/l
RT: 3.903 min Scan# 328
Delta R.T. 0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 56 Resp: 2987
Ion Ratio Lower Upper
56 100
55 72.9 56.7 85.1

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

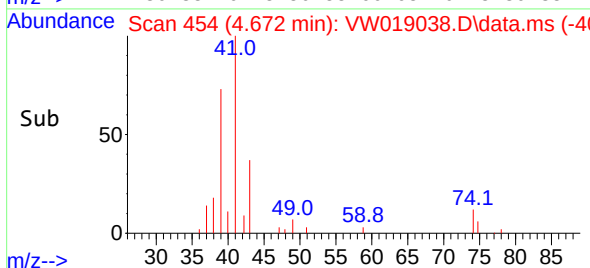
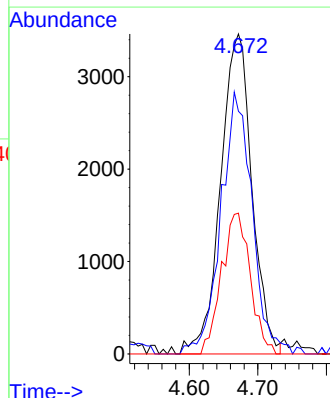
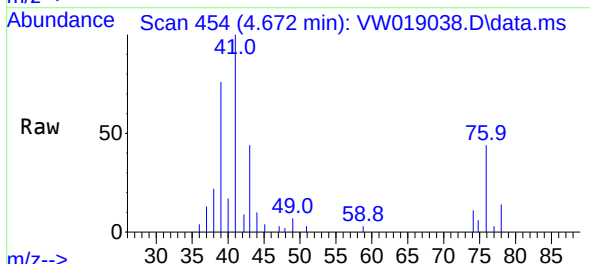
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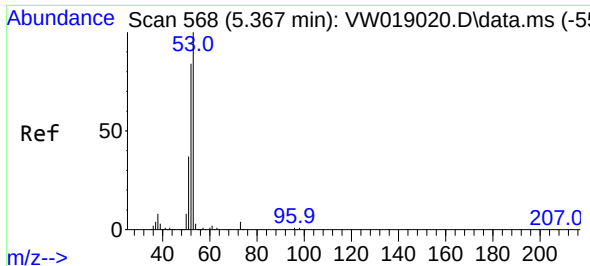
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#14
Allyl chloride
Concen: 2.25 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

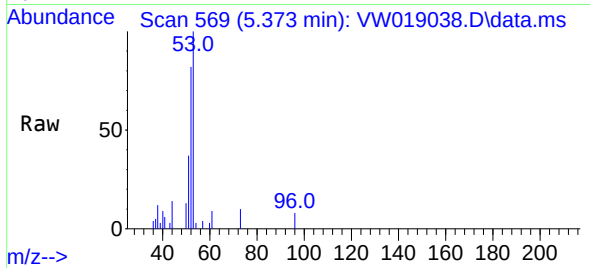
Tgt Ion: 41 Resp: 11023
Ion Ratio Lower Upper
41 100
39 81.4 63.9 95.9
76 40.4 35.1 52.7





#15
Acrylonitrile
Concen: 12.27 ug/l
RT: 5.373 min Scan# 569
Delta R.T. 0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

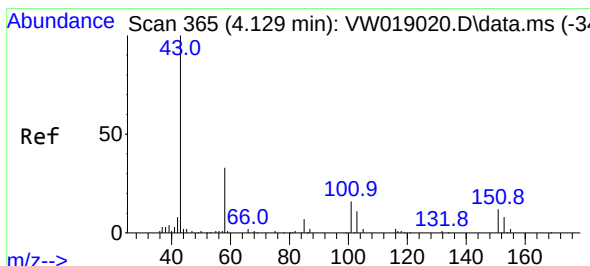
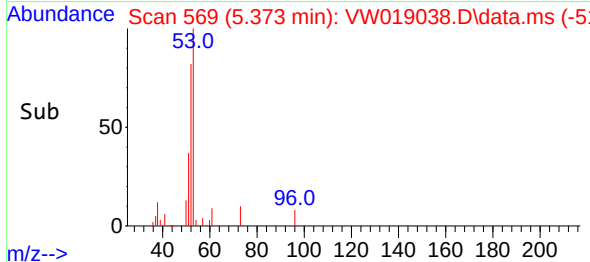
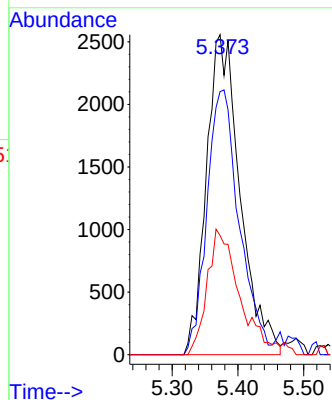
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion:	53	Resp:	9117
Ion	Ratio	Lower	Upper
53	100		
52	79.4	66.5	99.7
51	38.5	29.8	44.8

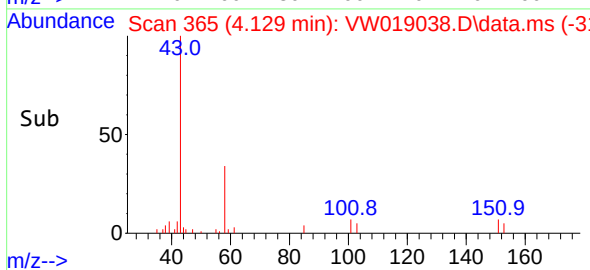
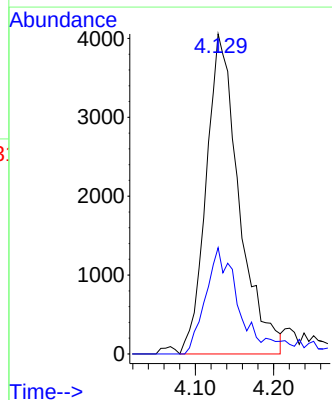
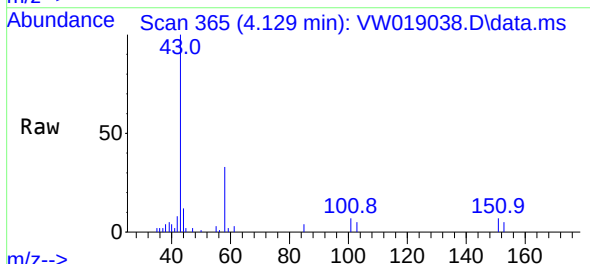
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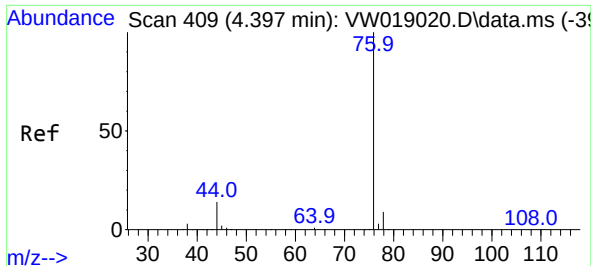
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#16
Acetone
Concen: 19.53 ug/l
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion:	43	Resp:	11819
Ion	Ratio	Lower	Upper
43	100		
58	33.2	26.4	39.6





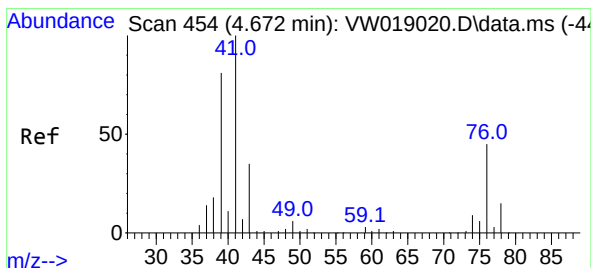
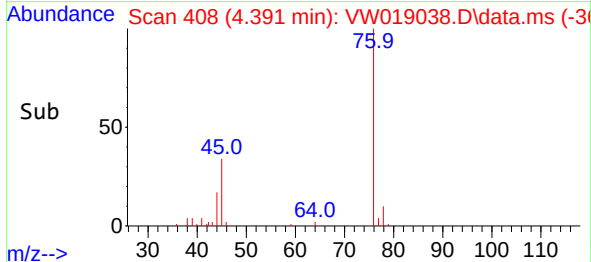
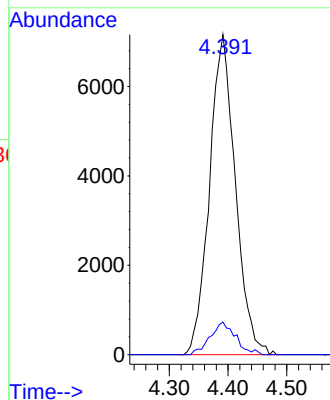
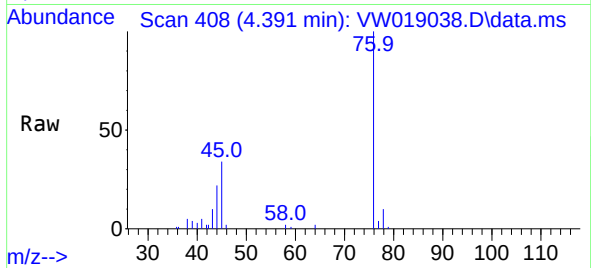
#17
Carbon Disulfide
Concen: 2.14 ug/l
RT: 4.391 min Scan# 408
Delta R.T. -0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 76 Resp: 21927
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.2

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

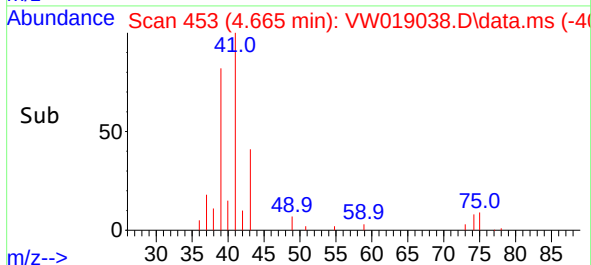
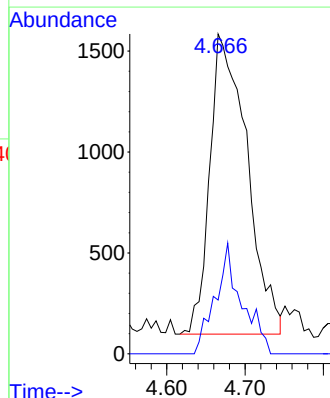
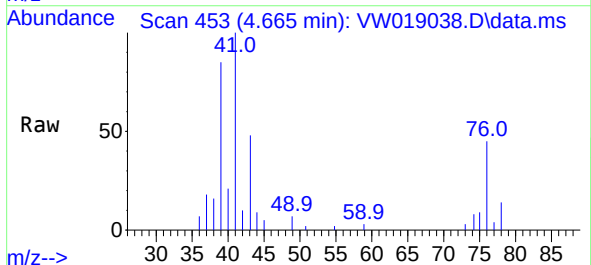
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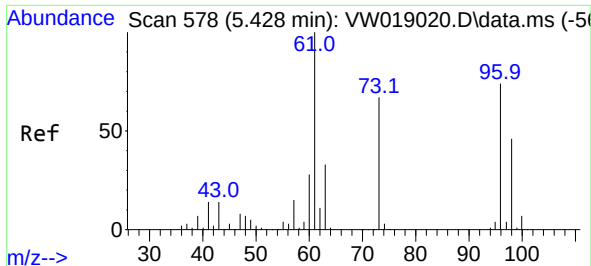
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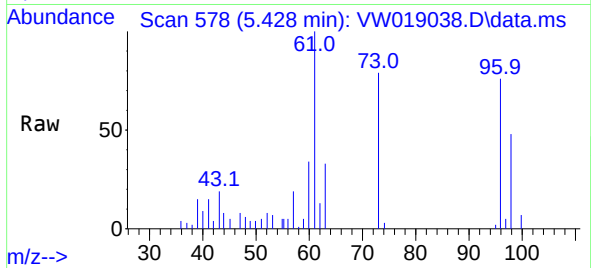
#18
Methyl Acetate
Concen: 2.75 ug/l
RT: 4.665 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 43 Resp: 4891
Ion Ratio Lower Upper
43 100
74 26.4 21.8 32.8

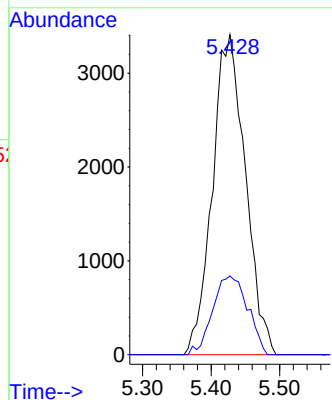




#19
Methyl tert-butyl Ether
Concen: 2.41 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



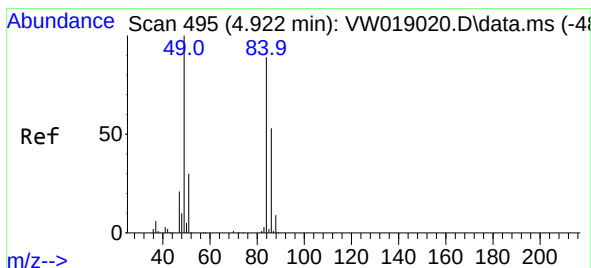
Tgt Ion: 73 Resp: 11390
Ion Ratio Lower Upper
73 100
57 24.6 17.4 26.0



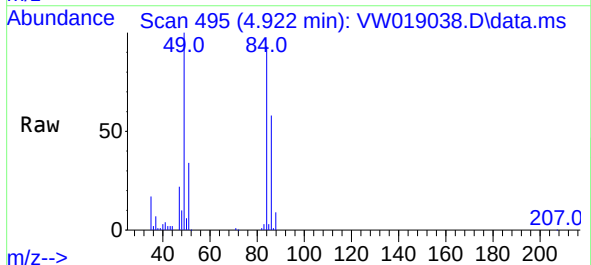
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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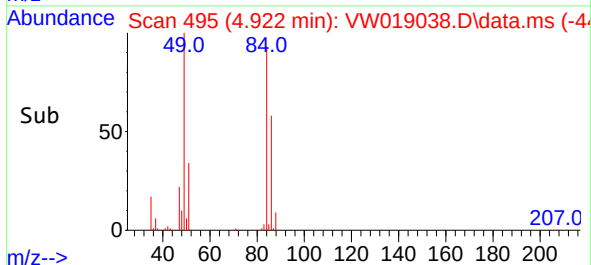
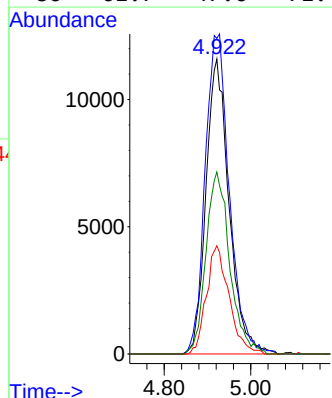
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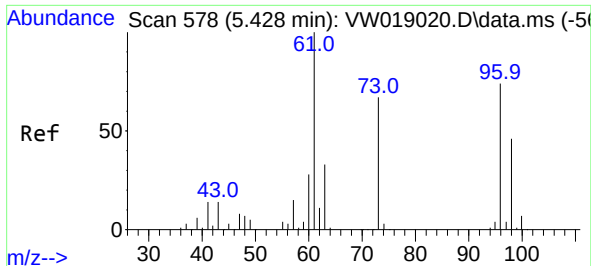


#20
Methylene Chloride
Concen: 7.91 ug/l
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

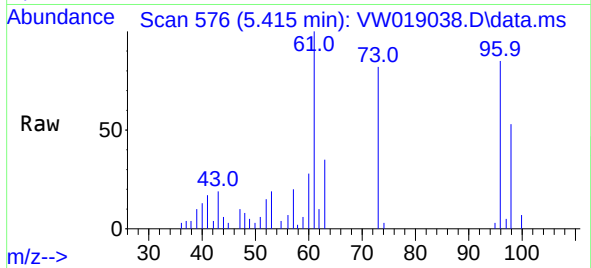


Tgt Ion: 84 Resp: 42928
Ion Ratio Lower Upper
84 100
49 107.0 90.4 135.6
51 36.7 27.1 40.7
86 61.7 47.6 71.4



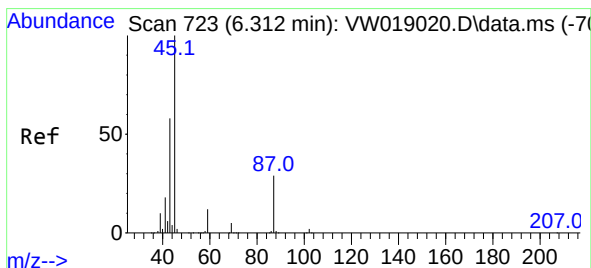
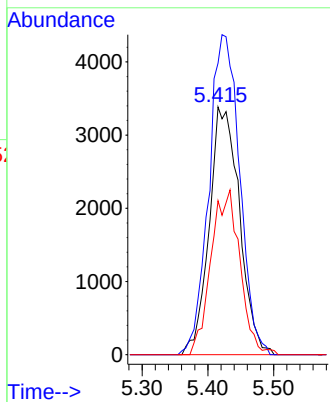
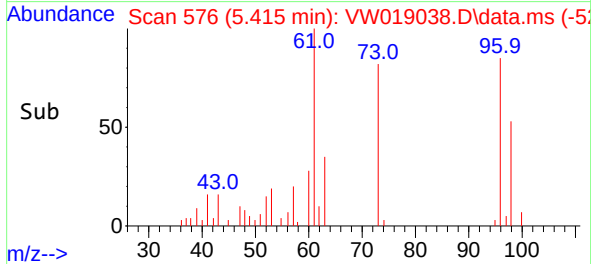


#21
trans-1,2-Dichloroethene
Concen: 2.52 ug/l
RT: 5.415 min Scan# 576
Delta R.T. -0.012 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

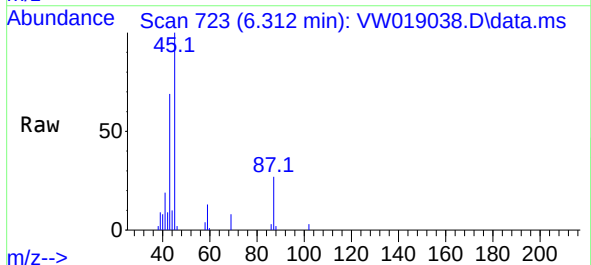


Tgt Ion: 96 Resp: 10833

Ion	Ratio	Lower	Upper
96	100		
61	117.6	108.5	162.7
98	62.1	49.4	74.0

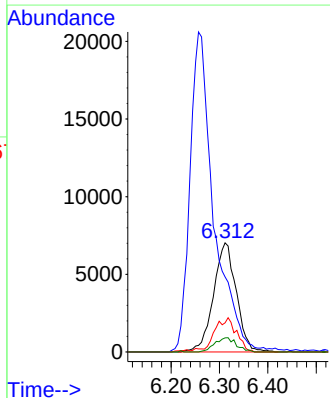
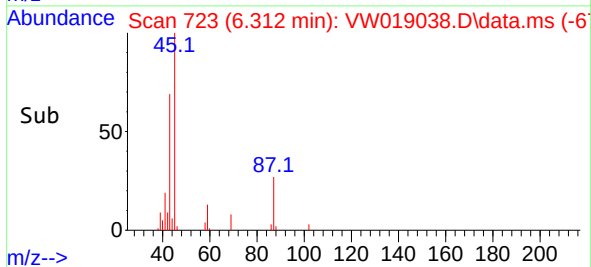


#22
Diisopropyl ether
Concen: 2.31 ug/l
RT: 6.312 min Scan# 723
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



Tgt Ion: 45 Resp: 23018

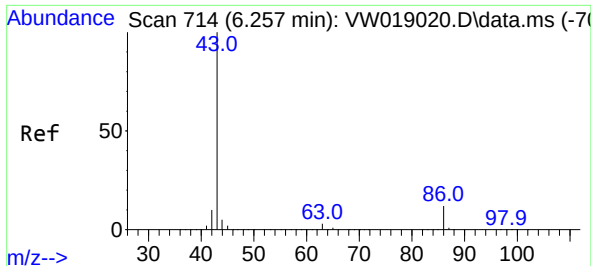
Ion	Ratio	Lower	Upper
45	100		
43	66.5	46.1	69.1
87	26.7	23.4	35.2
59	13.0	9.7	14.5



Instrument :
MSVOA_W
ClientSampleId :
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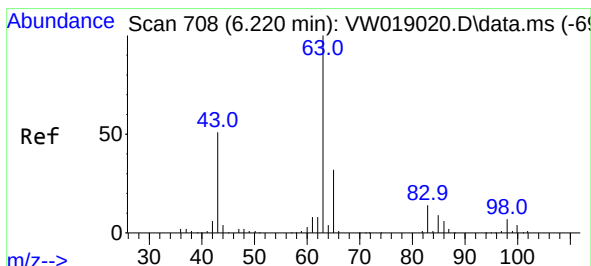
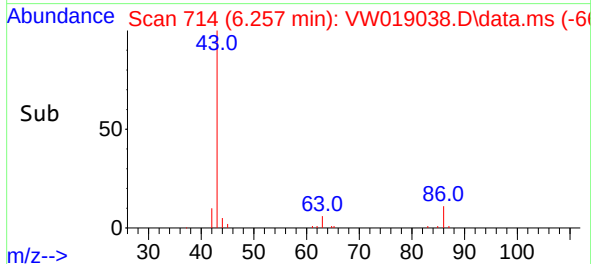
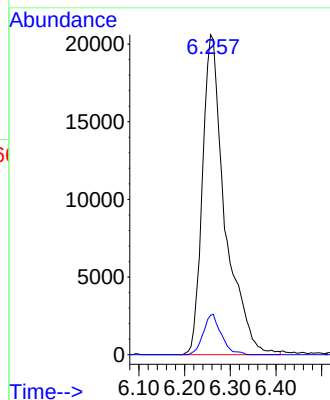
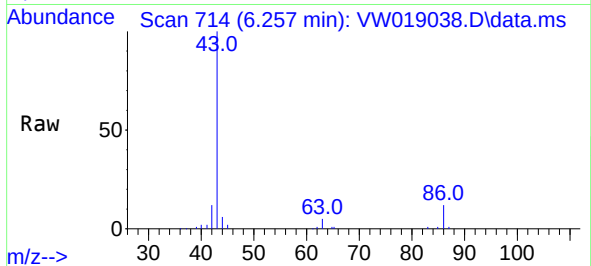
#23
 Vinyl Acetate
 Concen: 10.55 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW019038.D
 Acq: 19 May 2021 18:05

Tgt Ion: 43 Resp: 70597
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.6 14.4

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

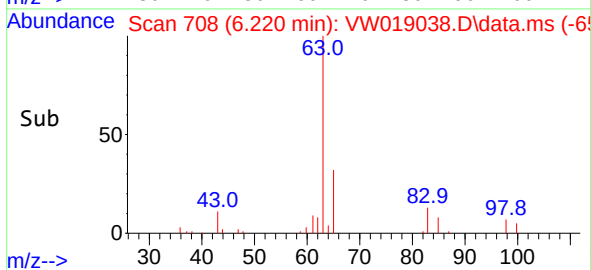
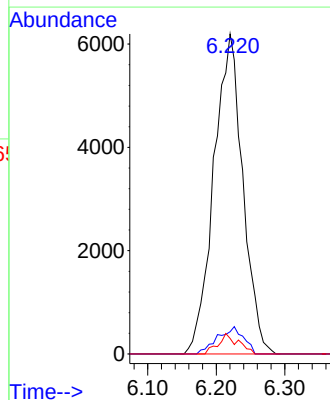
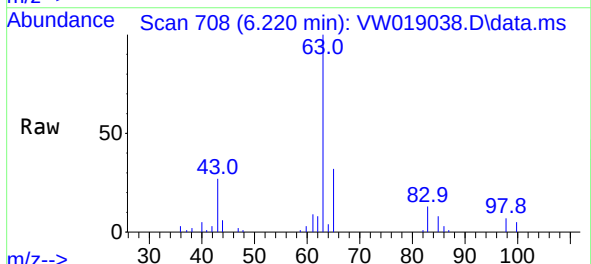
Manual Integrations
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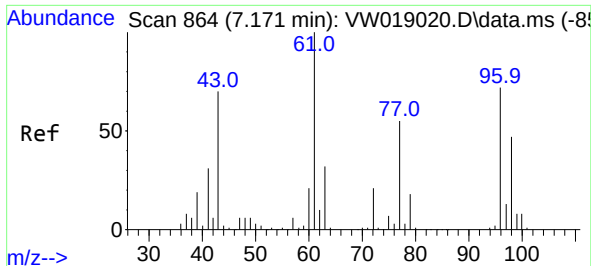
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#24
 1,1-Dichloroethane
 Concen: 2.36 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. -0.000 min
 Lab File: VW019038.D
 Acq: 19 May 2021 18:05

Tgt Ion: 63 Resp: 18203
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.9
 100 4.8 2.3 6.8





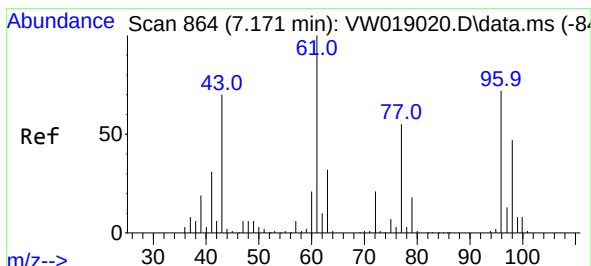
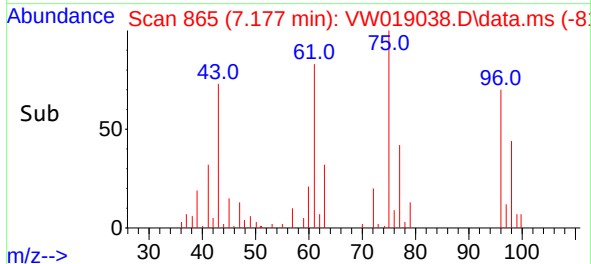
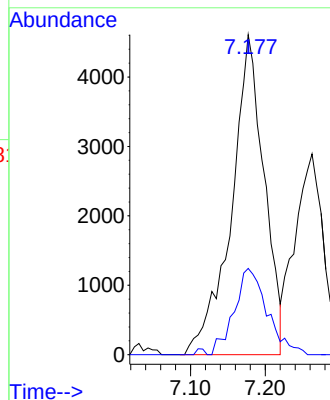
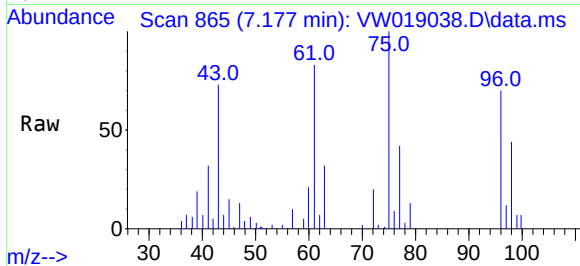
#25
2-Butanone
Concen: 14.12 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 43 Resp: 14036
Ion Ratio Lower Upper
43 100
72 26.9 24.0 36.0

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

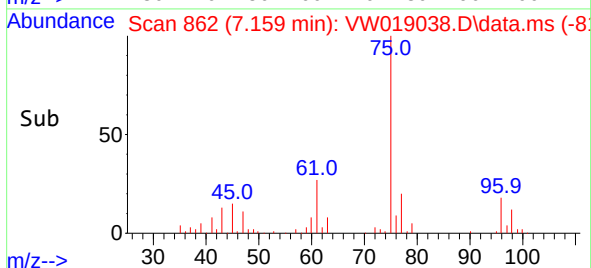
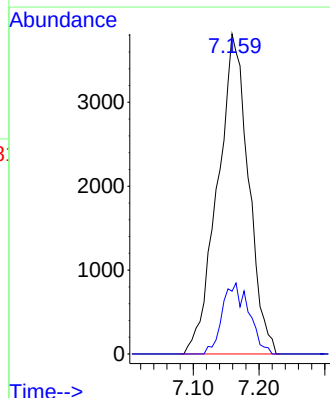
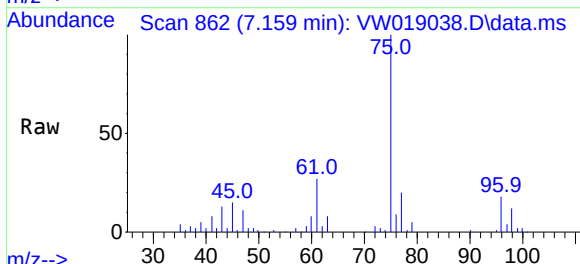
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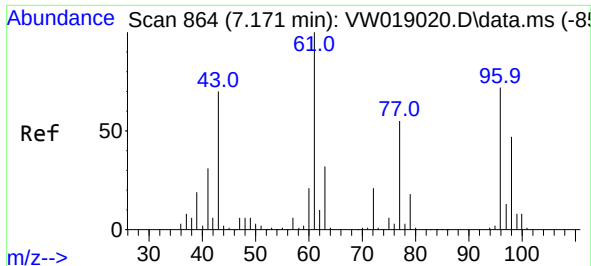
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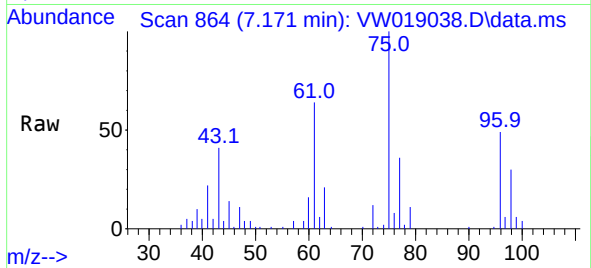
#26
2,2-Dichloropropane
Concen: 3.00 ug/l
RT: 7.159 min Scan# 862
Delta R.T. -0.012 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 77 Resp: 12466
Ion Ratio Lower Upper
77 100
97 19.1 11.8 35.3

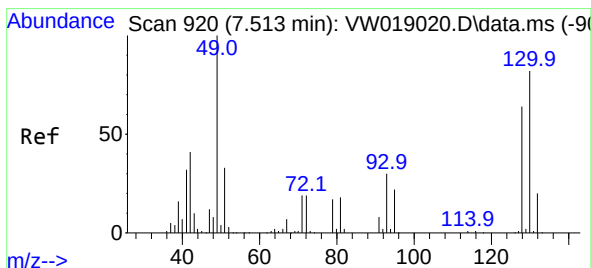
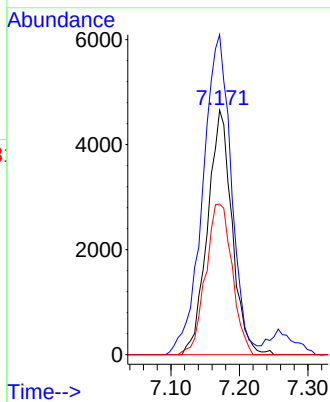
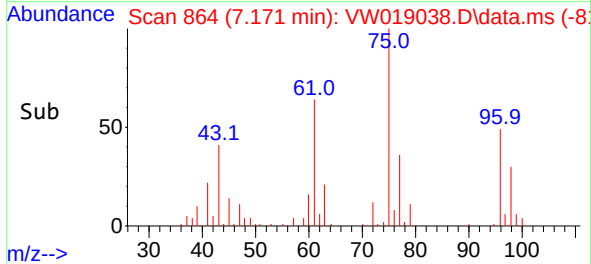




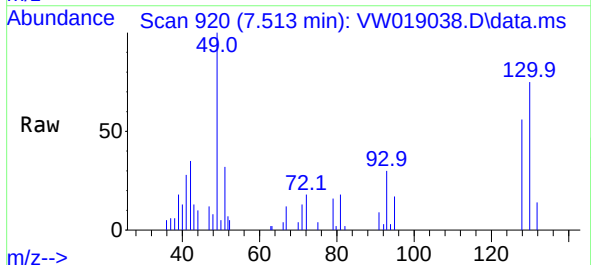
#27
cis-1,2-Dichloroethene
Concen: 2.43 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



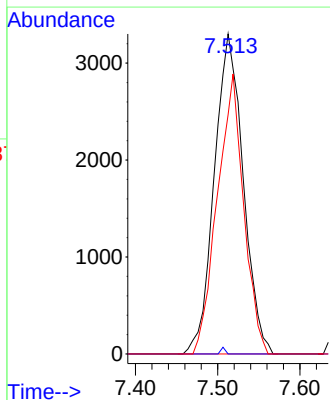
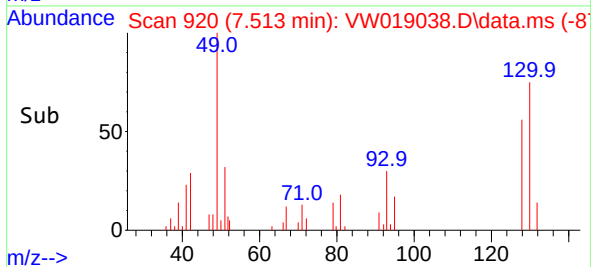
Tgt Ion: 96 Resp: 11564
Ion Ratio Lower Upper
96 100
61 151.9 0.0 281.2
98 66.5 0.0 127.4



#28
Bromochloromethane
Concen: 2.58 ug/l
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



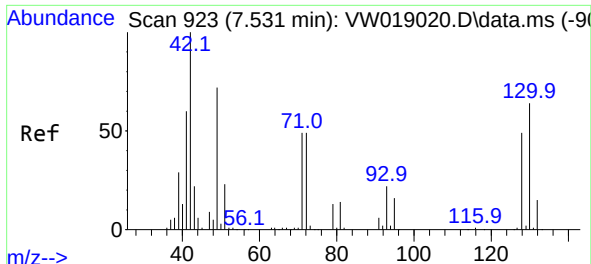
Tgt Ion: 49 Resp: 8071
Ion Ratio Lower Upper
49 100
129 0.3 0.0 4.4
130 79.7 63.0 94.4



Instrument :
MSVOA_W
ClientSampleId :
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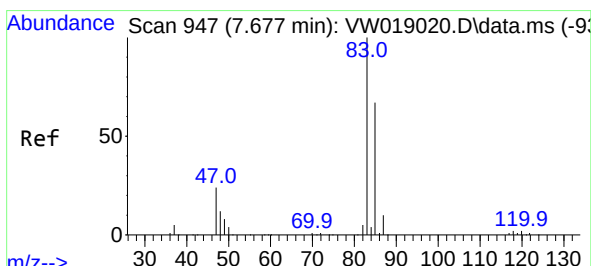
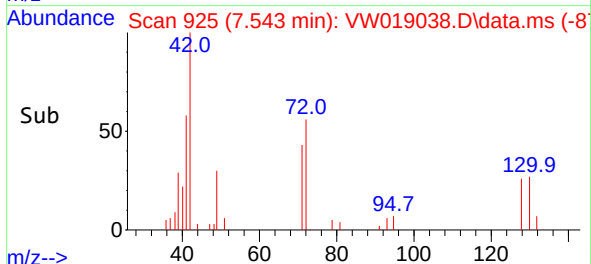
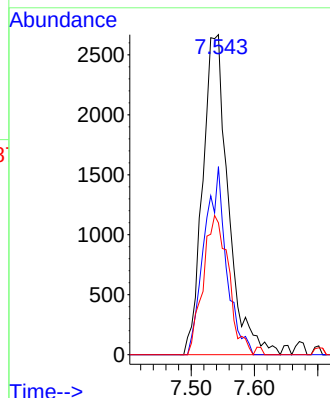
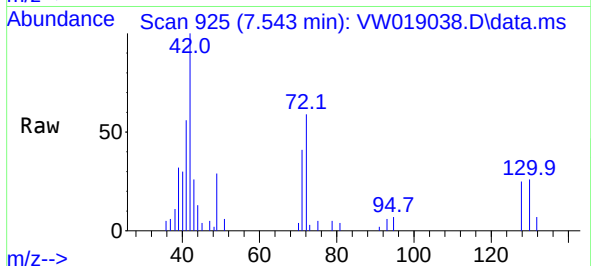
#29
Tetrahydrofuran
Concen: 12.93 ug/l
RT: 7.543 min Scan# 925
Delta R.T. 0.012 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion:	42	Resp:	7515
Ion	Ratio	Lower	Upper
42	100		
72	50.9	40.1	60.1
71	43.1	38.3	57.5

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

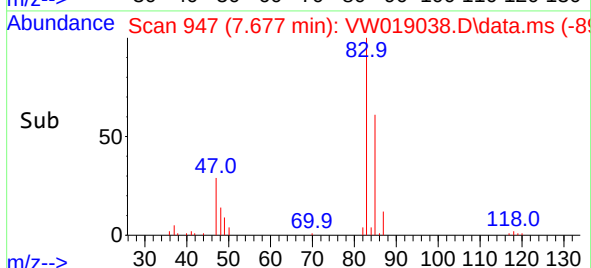
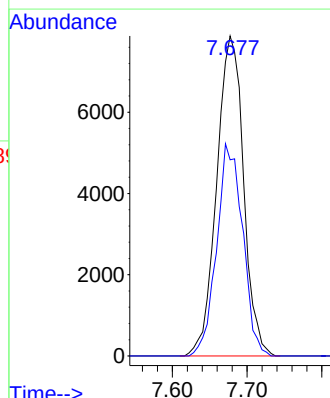
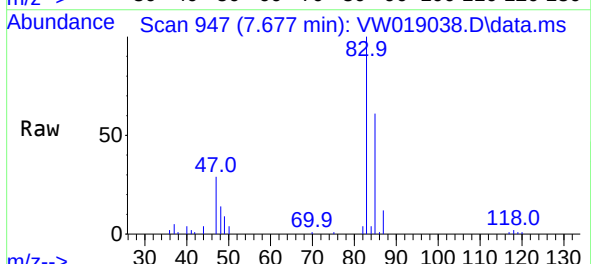
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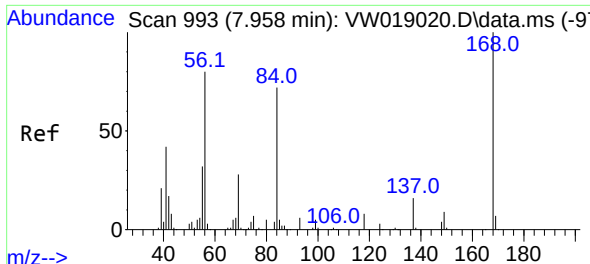
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#30
Chloroform
Concen: 2.51 ug/l
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion:	83	Resp:	19678
Ion	Ratio	Lower	Upper
83	100		
85	61.3	53.4	80.0





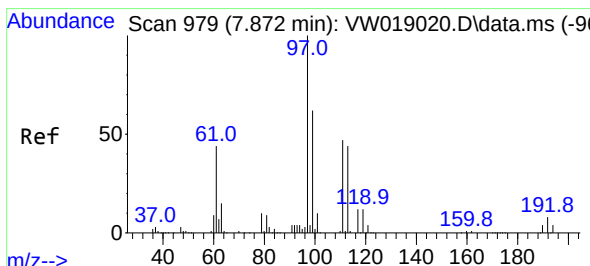
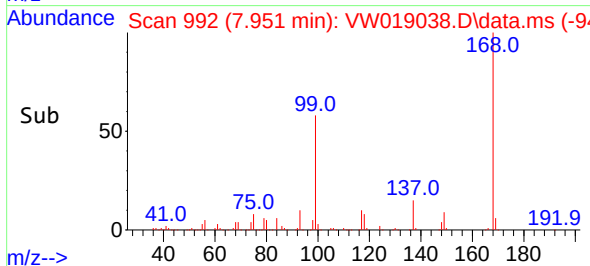
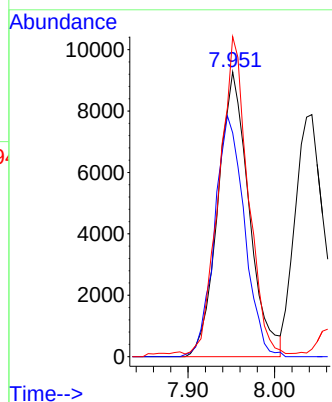
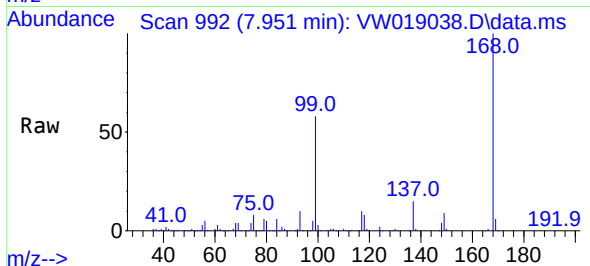
#31
Cyclohexane
Concen: 3.59 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 56 Resp: 23139
Ion Ratio Lower Upper
56 100
69 78.6 28.4 42.6#
84 110.7 72.3 108.5#

Instrument :
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ClientSampleId :
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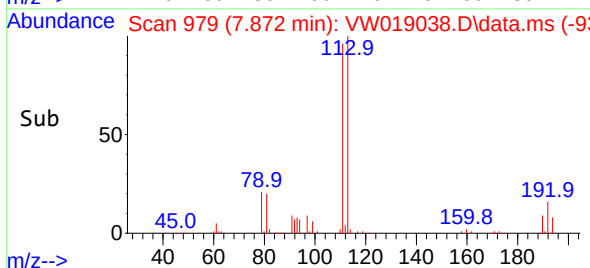
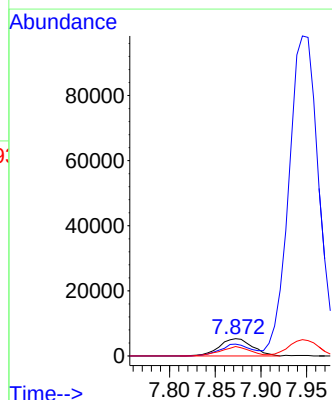
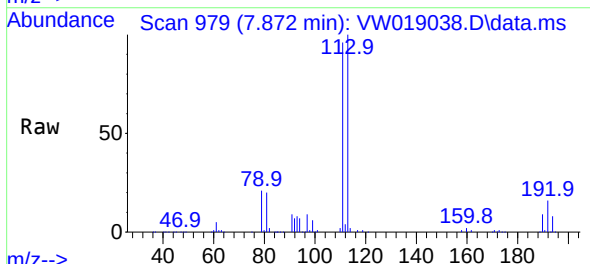
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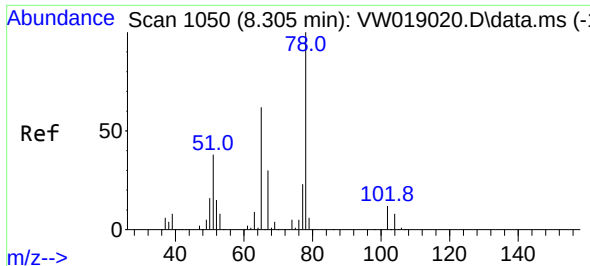
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#32
1,1,1-Trichloroethane
Concen: 2.31 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 97 Resp: 13434
Ion Ratio Lower Upper
97 100
99 67.0 52.2 78.4
61 47.8 36.7 55.1





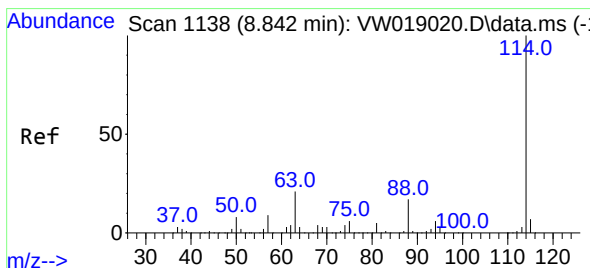
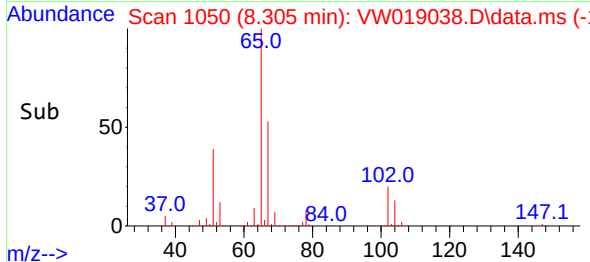
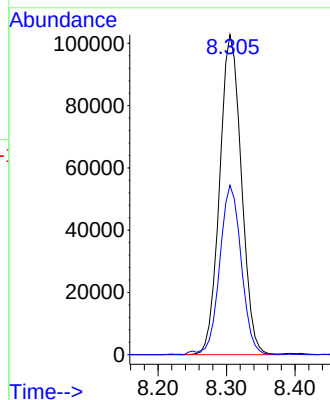
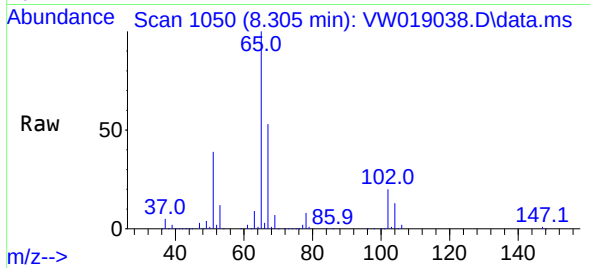
#33
1,2-Dichloroethane-d4
Concen: 58.71 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 65 Resp: 225971
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.0

Instrument :
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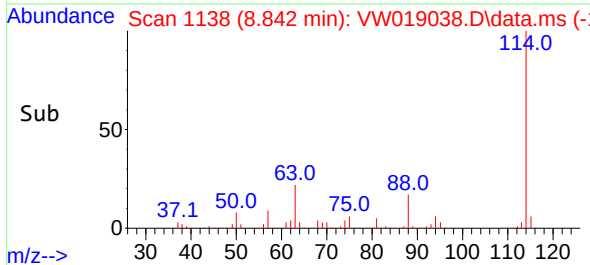
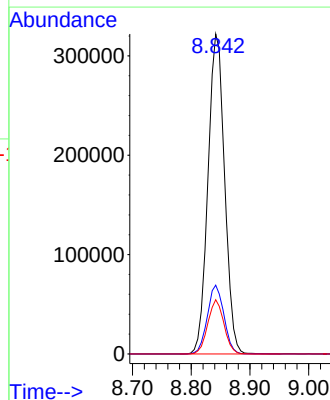
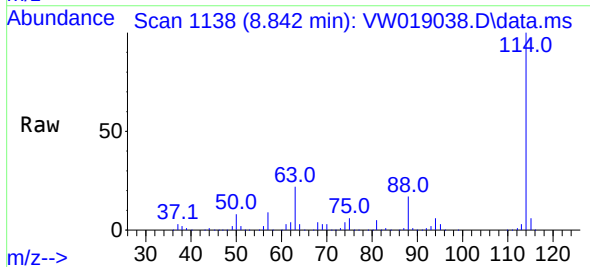
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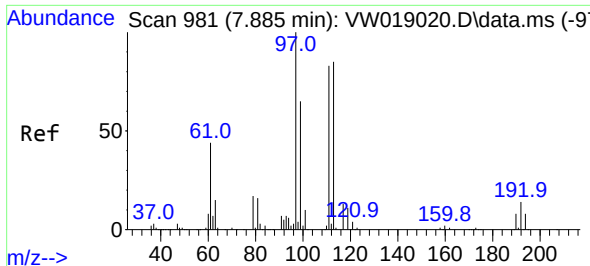
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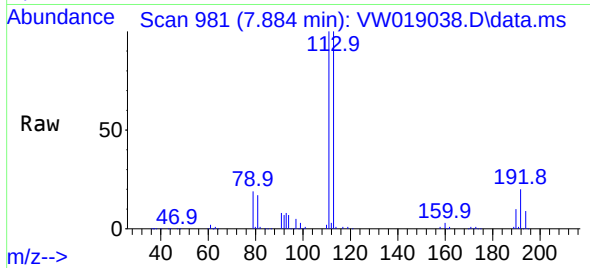
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 114 Resp: 633769
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.4
88 16.9 0.0 33.2

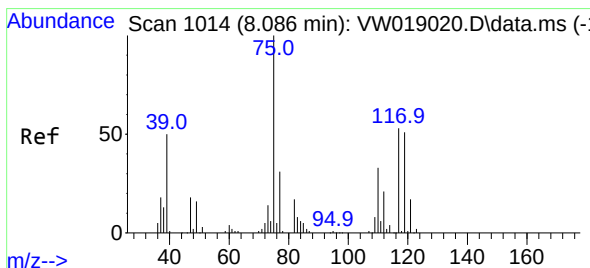
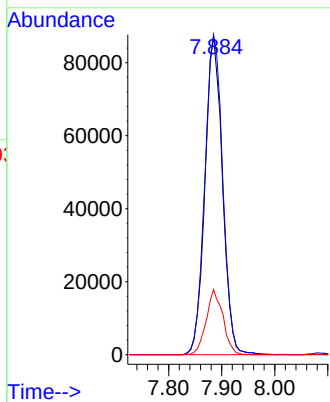
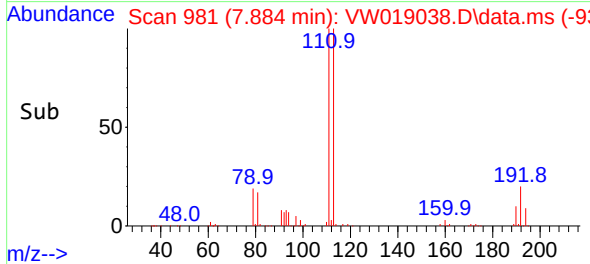




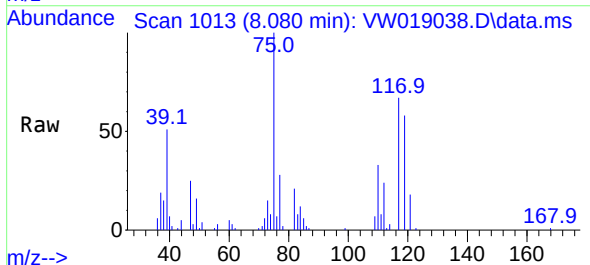
#35
Dibromofluoromethane
Concen: 56.54 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.001 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



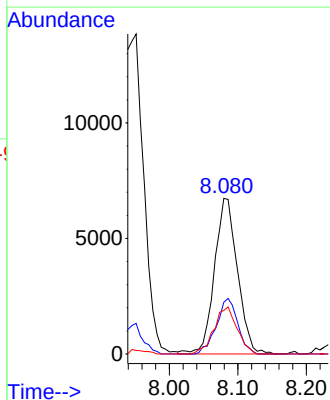
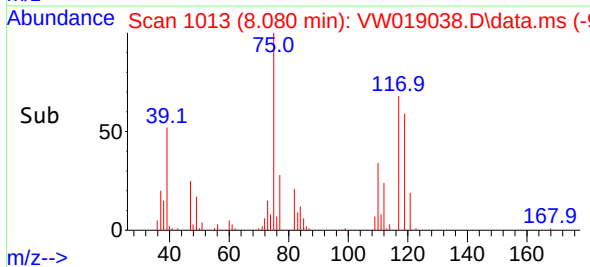
Tgt Ion: 113 Resp: 199534
Ion Ratio Lower Upper
113 100
111 103.3 82.3 123.5
192 19.6 15.3 22.9



#36
1,1-Dichloropropene
Concen: 2.49 ug/l
RT: 8.080 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



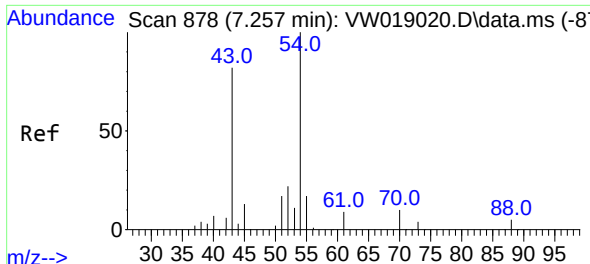
Tgt Ion: 75 Resp: 15684
Ion Ratio Lower Upper
75 100
110 33.0 17.1 51.2
77 30.3 25.3 37.9



Instrument :
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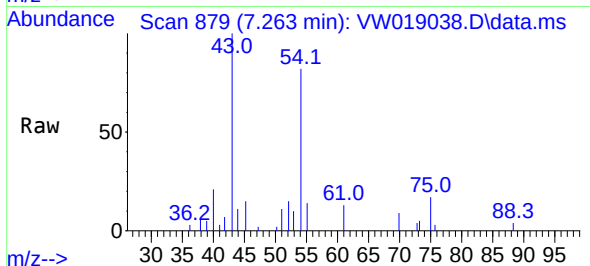
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#37
Ethyl Acetate
Concen: 3.29 ug/l
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

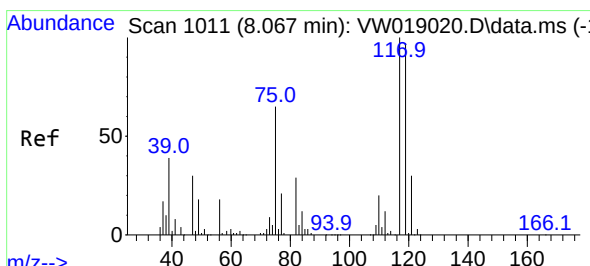
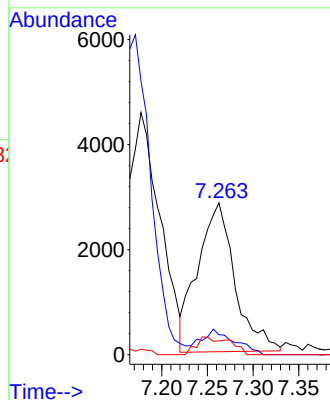
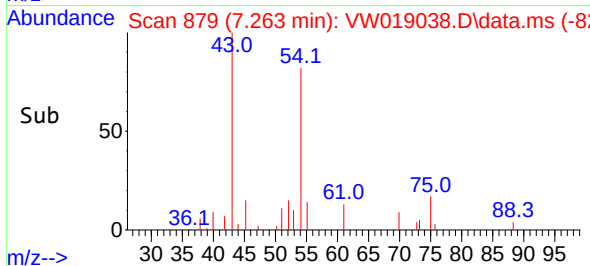
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MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



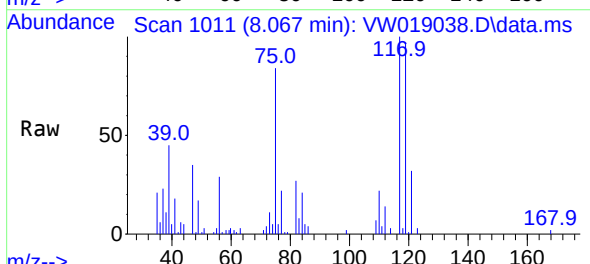
Tgt Ion: 43	Resp: 8041
Ion Ratio	Lower Upper
43 100	
61 15.5	12.2 18.4
70 10.7	9.5 14.3

Manual Integrations
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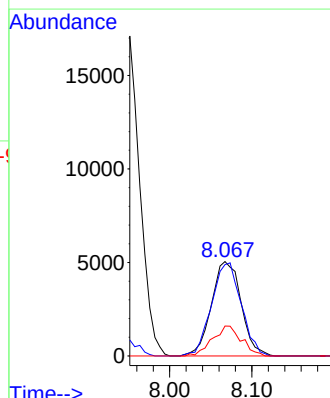
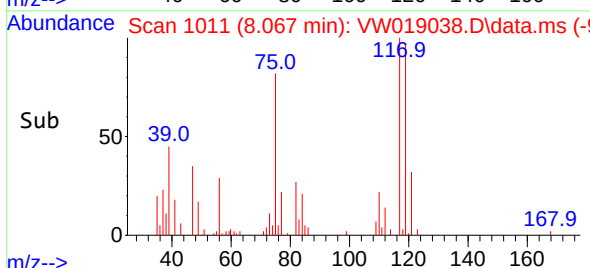
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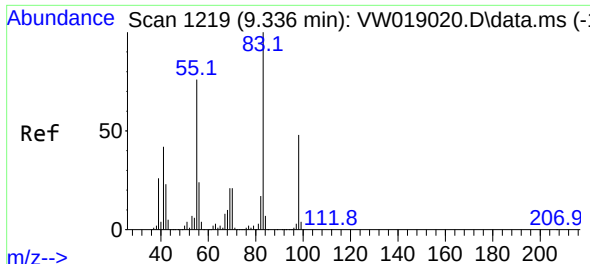


#38
Carbon Tetrachloride
Concen: 2.28 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



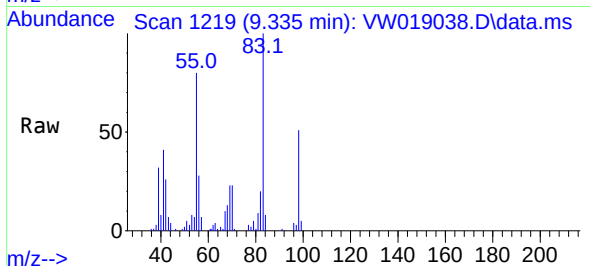
Tgt Ion:117	Resp:	12691	
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.4	116.0
121	31.8	23.6	35.4





#39
Methylcyclohexane
Concen: 2.46 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

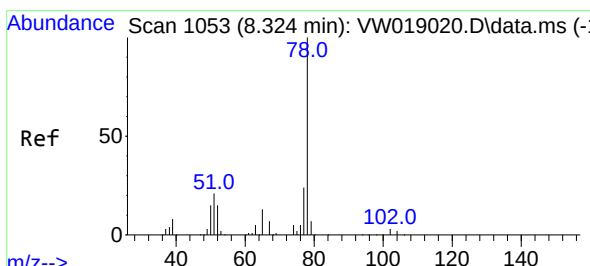
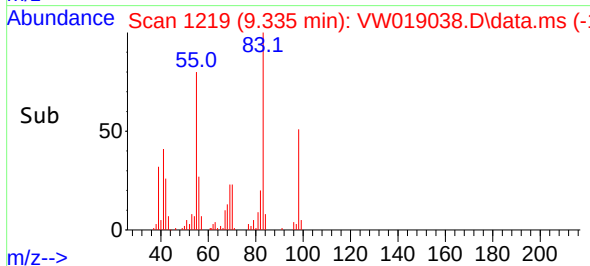
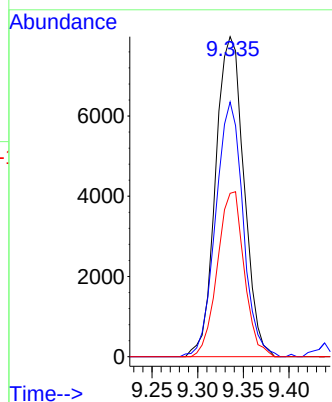
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion:	83	Resp:	17184
Ion	Ratio	Lower	Upper
83	100		
55	79.6	60.9	91.3
98	51.1	38.4	57.6

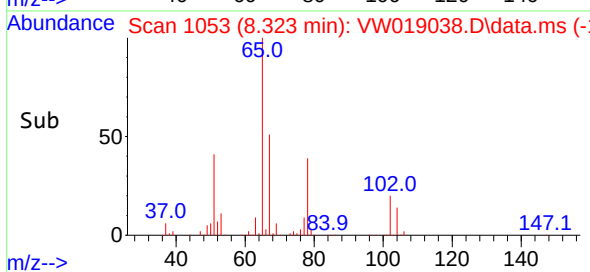
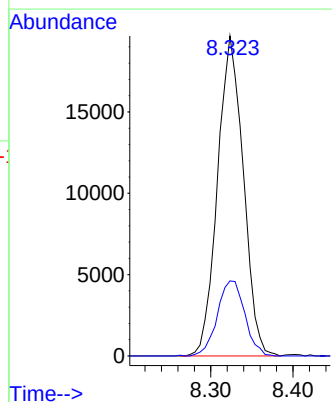
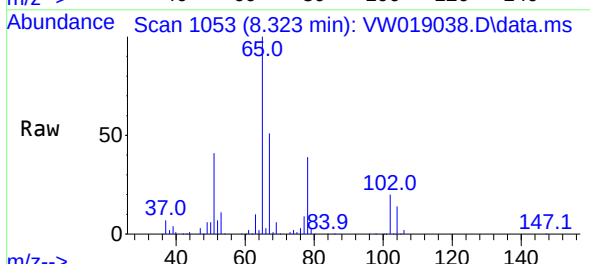
Manual Integrations
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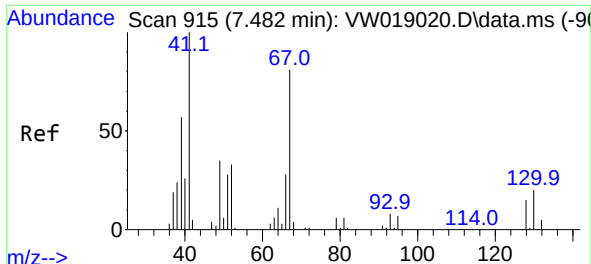
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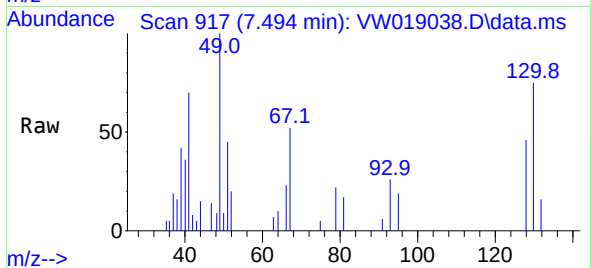
#40
Benzene
Concen: 2.43 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion:	78	Resp:	42823
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.6	29.4

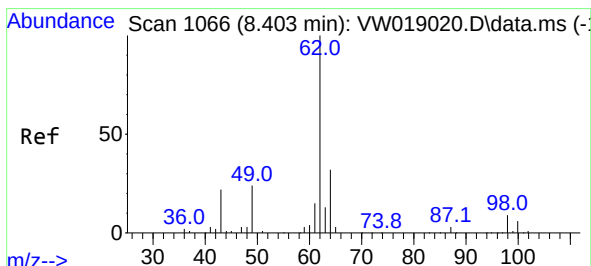
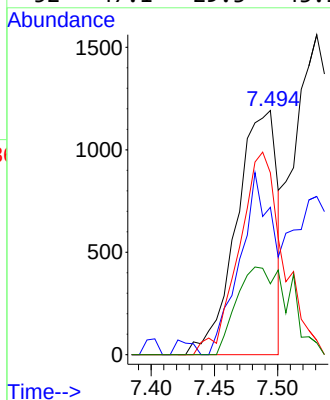
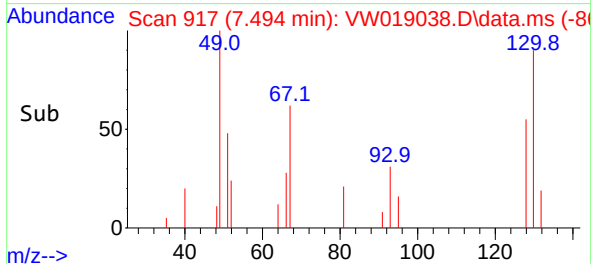




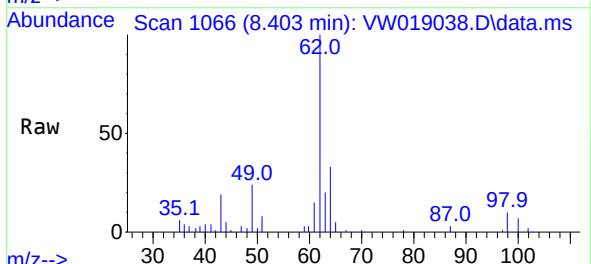
#41
Methacrylonitrile
Concen: 2.00 ug/l
RT: 7.494 min Scan# 917
Delta R.T. 0.012 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



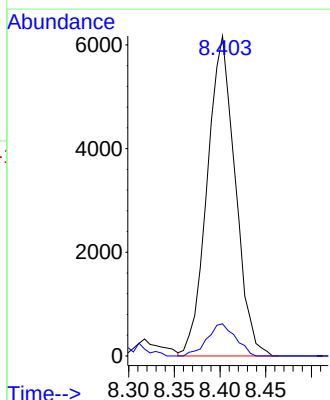
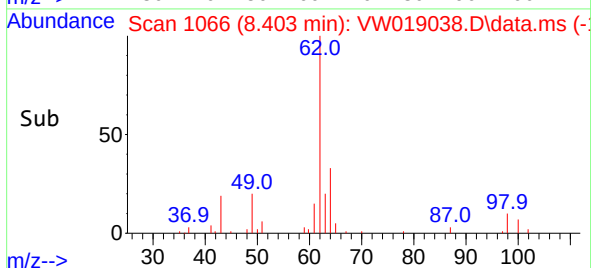
Tgt Ion: 41 Resp: 2664
Ion Ratio Lower Upper
41 100
39 60.7 50.1 75.1
67 89.8 69.0 103.4
52 47.1 29.3 43.9#



#42
1,2-Dichloroethane
Concen: 2.52 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



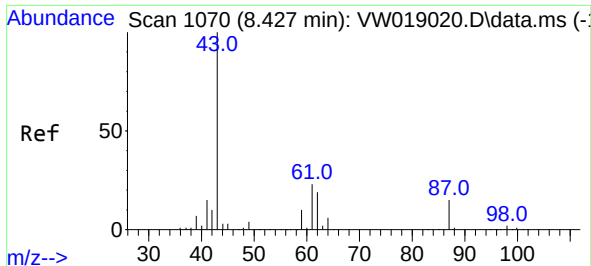
Tgt Ion: 62 Resp: 13165
Ion Ratio Lower Upper
62 100
98 10.2 0.0 18.0



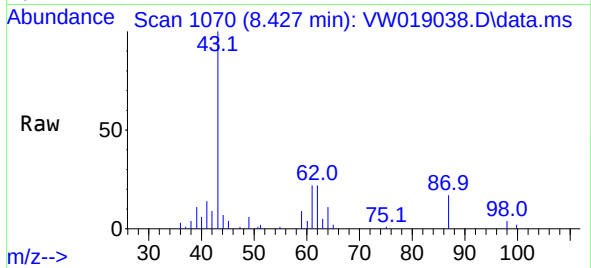
Instrument :
MSVOA_W
ClientSampleId :
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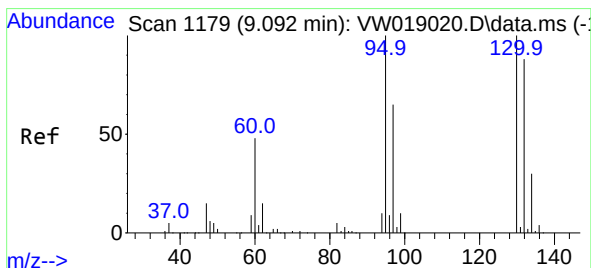
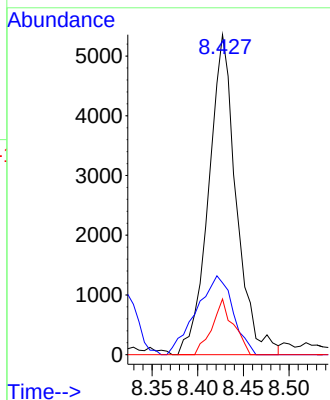
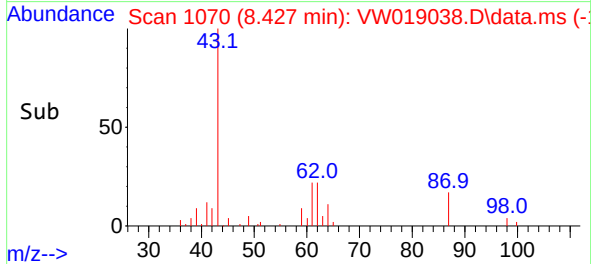
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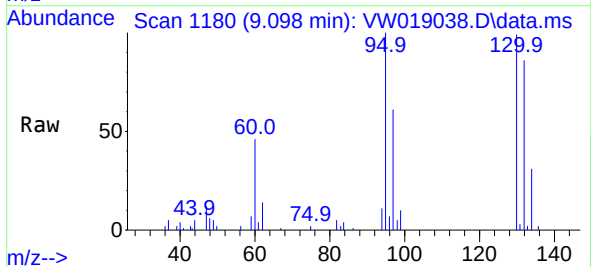
#43
Isopropyl Acetate
Concen: 2.47 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



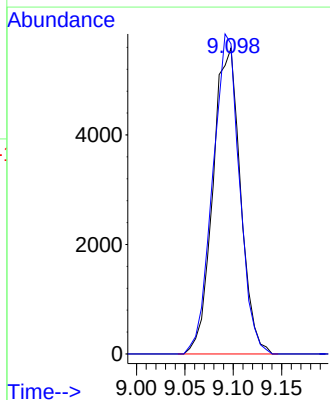
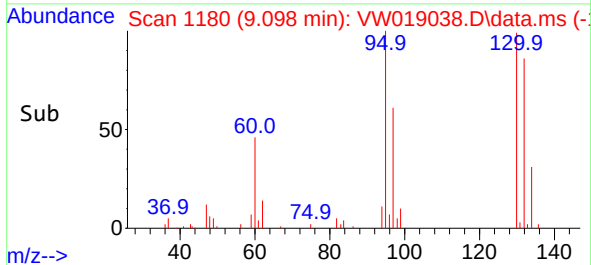
Tgt Ion:	43	Resp:	11256
Ion Ratio	Lower	Upper	
43	100		
61	32.7	27.0	40.6
87	13.4	11.6	17.4



#44
Trichloroethene
Concen: 2.43 ug/l
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



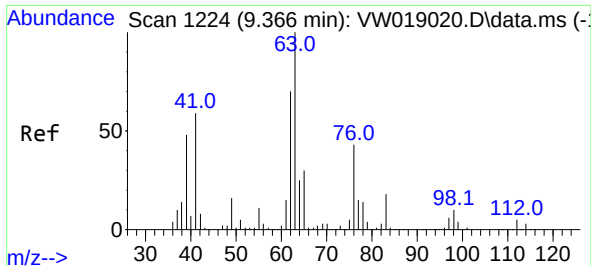
Tgt Ion:	130	Resp:	11044
Ion Ratio	Lower	Upper	
130	100		
95	101.4	0.0	199.0



Instrument :
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ClientSampleId :
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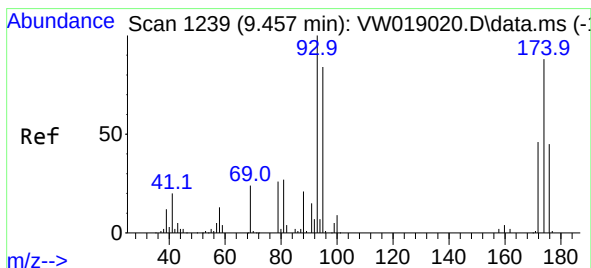
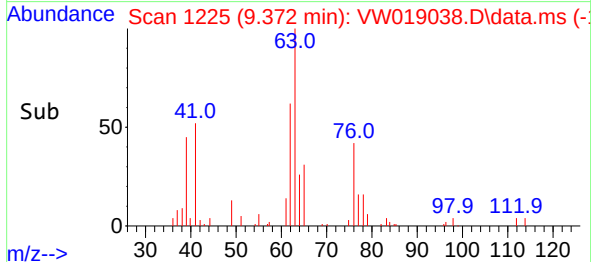
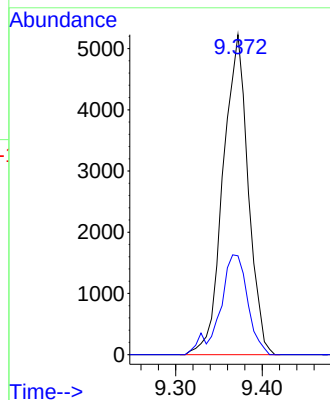
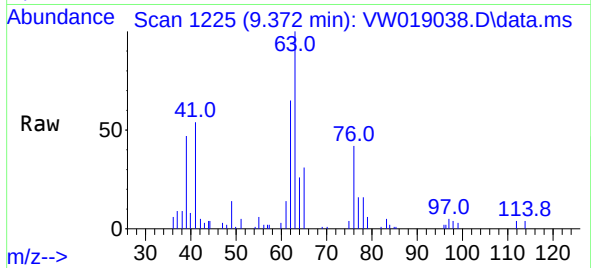
#45
1,2-Dichloropropane
Concen: 2.46 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 63 Resp: 10508
Ion Ratio Lower Upper
63 100
65 30.9 24.1 36.1

Instrument :
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ClientSampleId :
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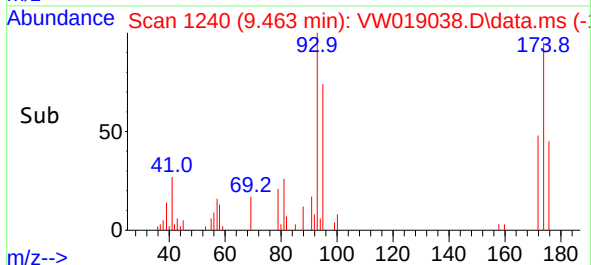
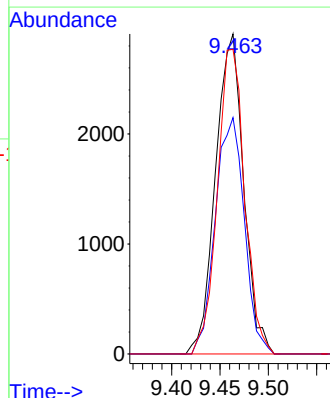
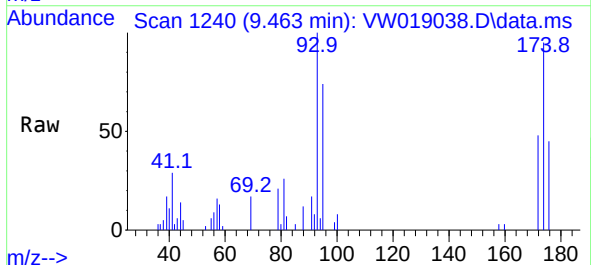
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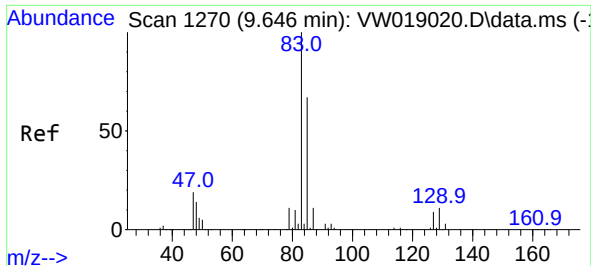
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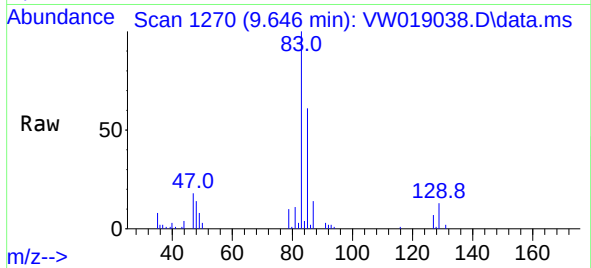
#46
Dibromomethane
Concen: 2.54 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 93 Resp: 5881
Ion Ratio Lower Upper
93 100
95 76.2 66.7 100.1
174 92.6 75.3 112.9



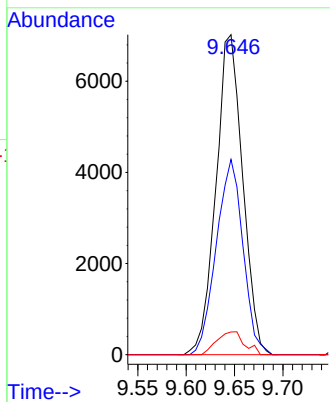
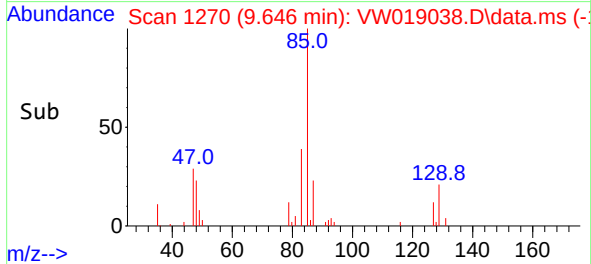


#47
Bromodichloromethane
Concen: 2.34 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



Tgt Ion: 83 Resp: 13487

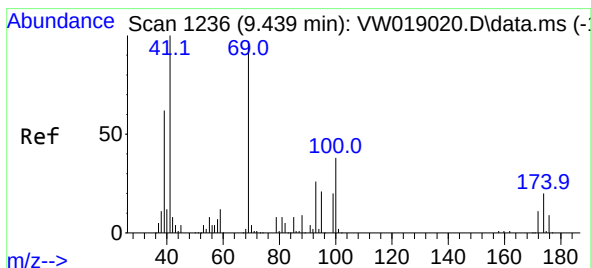
Ion	Ratio	Lower	Upper
83	100		
85	61.0	53.4	80.2
127	7.1	7.0	10.6



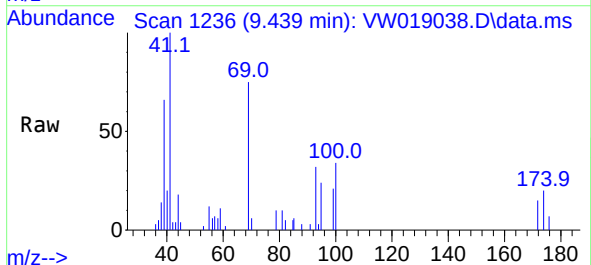
Instrument :
MSVOA_W
ClientSampleId :
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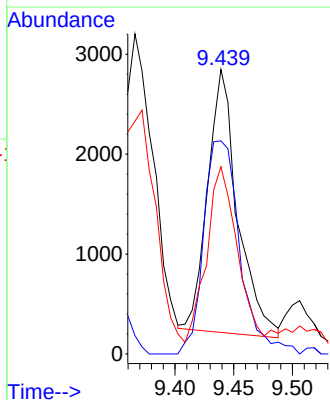
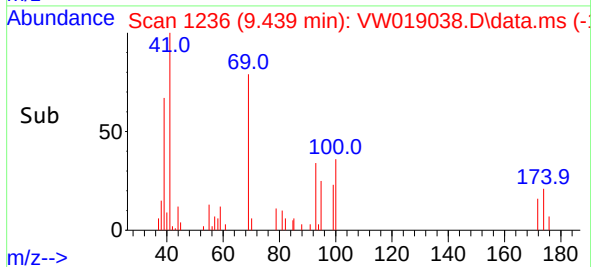


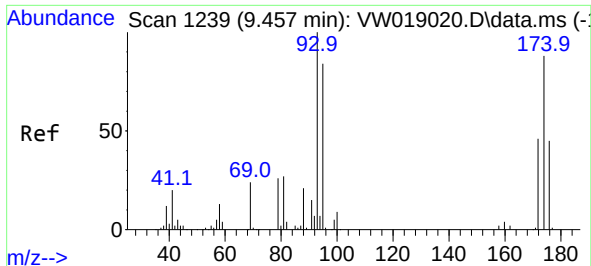
#48
Methyl methacrylate
Concen: 2.23 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



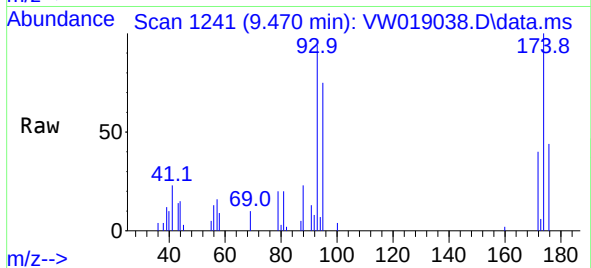
Tgt Ion: 41 Resp: 4658

Ion	Ratio	Lower	Upper
41	100		
69	98.4	80.2	120.2
39	67.8	51.5	77.3

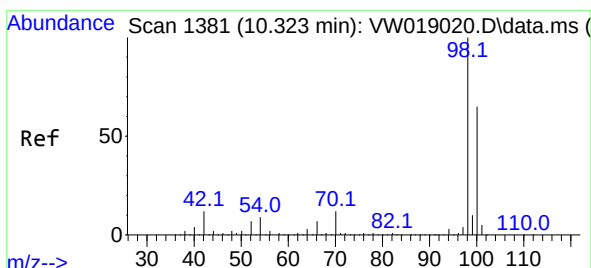
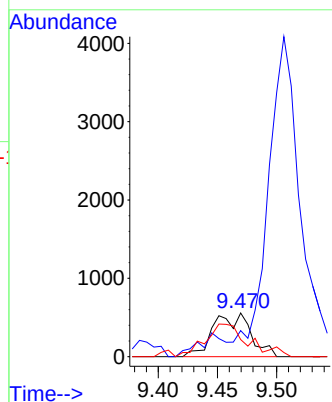
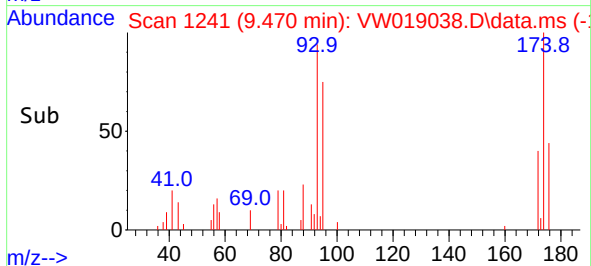




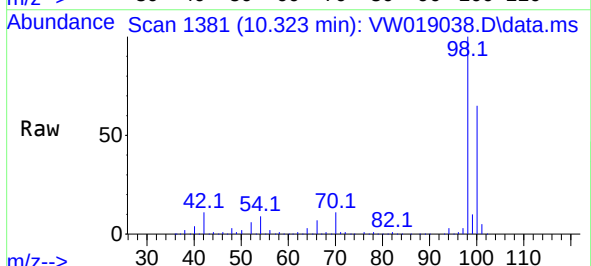
#49
1,4-Dioxane
Concen: 46.12 ug/l m
RT: 9.470 min Scan# 1241
Delta R.T. 0.012 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



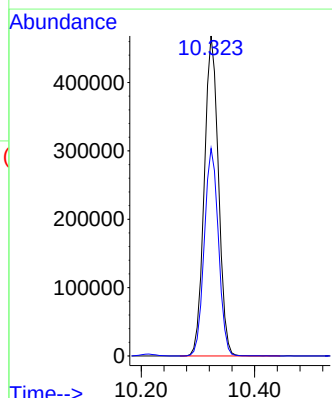
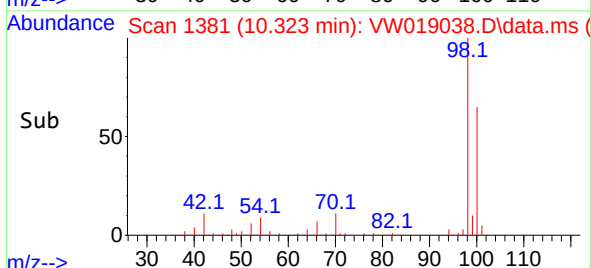
Tgt Ion: 88 Resp: 1218
Ion Ratio Lower Upper
88 100
43 36.0 22.1 33.1#
58 86.2 55.4 83.2#



#50
Toluene-d8
Concen: 58.36 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



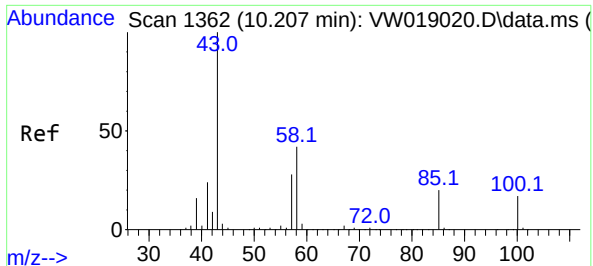
Tgt Ion: 98 Resp: 810592
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



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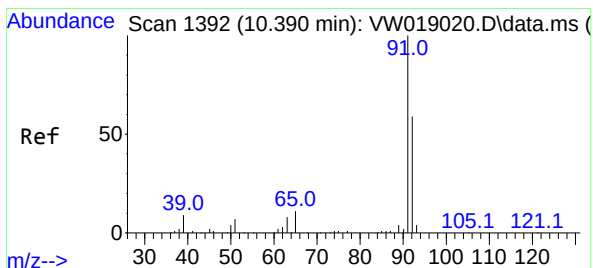
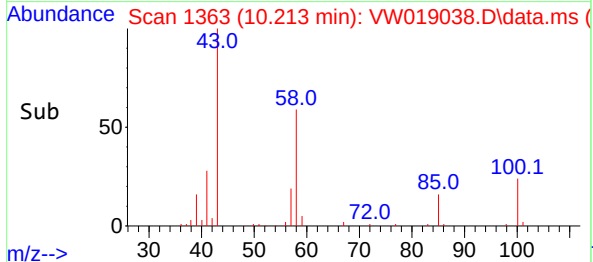
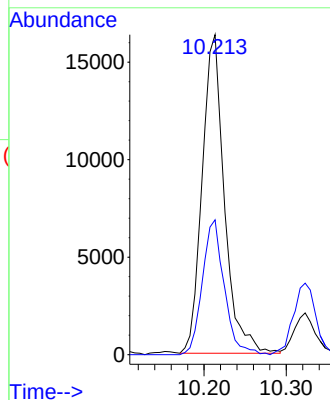
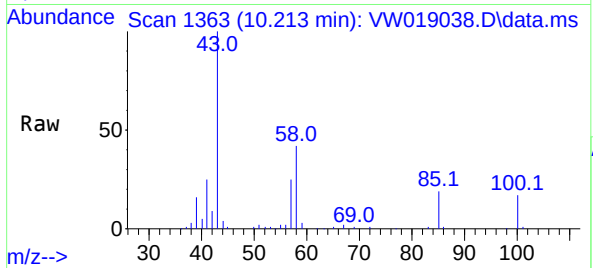
#51
4-Methyl-2-Pentanone
Concen: 13.03 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 43 Resp: 30736
Ion Ratio Lower Upper
43 100
58 41.6 34.2 51.4

Instrument :
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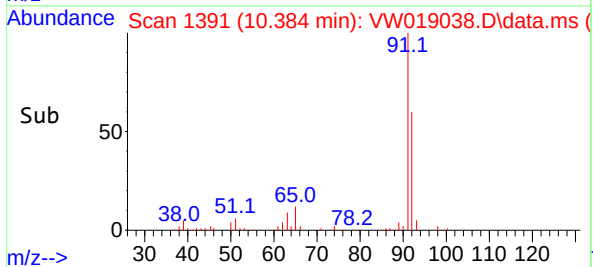
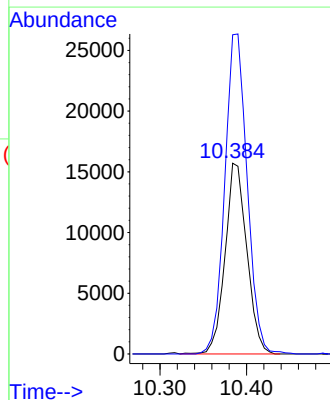
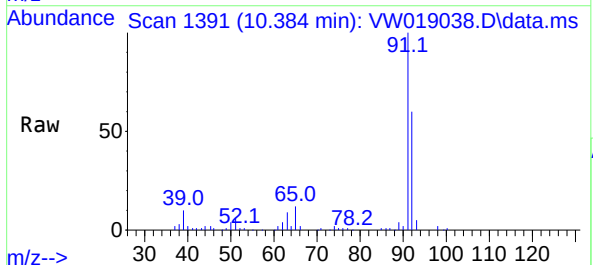
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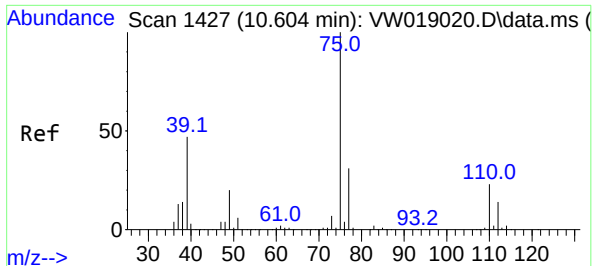
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#52
Toluene
Concen: 2.45 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 92 Resp: 27402
Ion Ratio Lower Upper
92 100
91 172.4 137.4 206.0





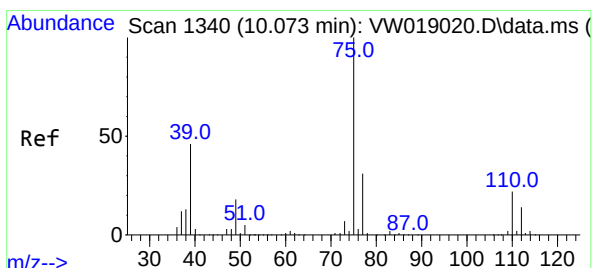
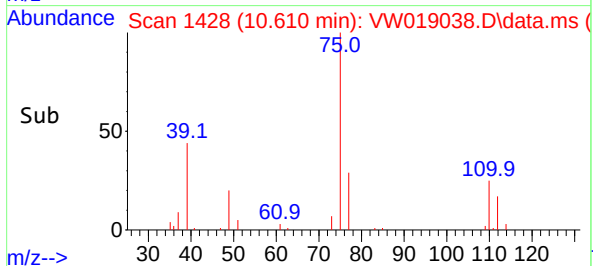
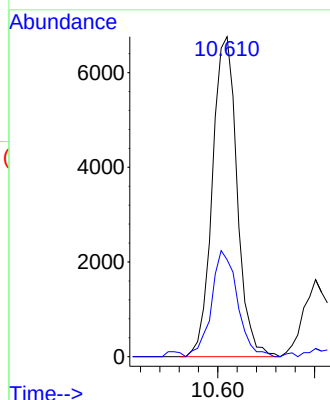
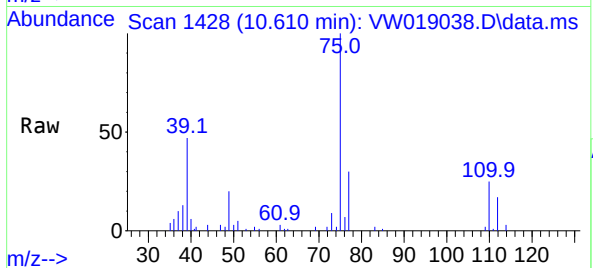
#53
t-1,3-Dichloropropene
Concen: 2.12 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 75 Resp: 11982
Ion Ratio Lower Upper
75 100
77 30.3 24.8 37.2

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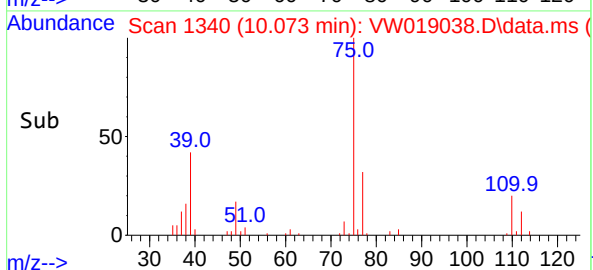
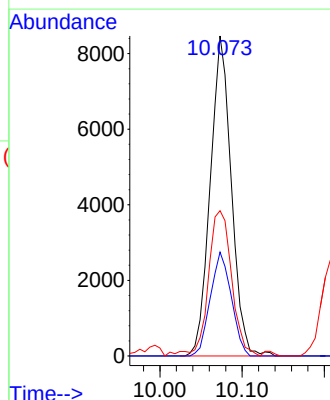
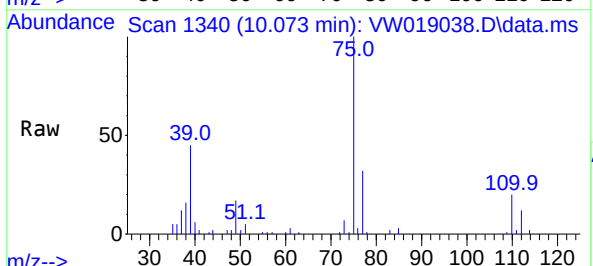
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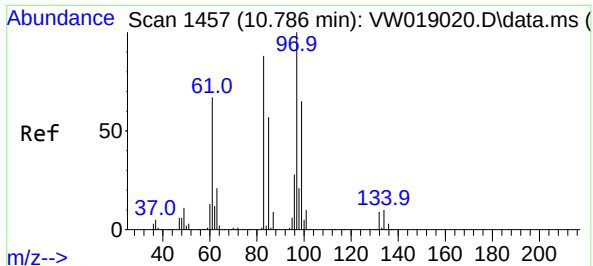
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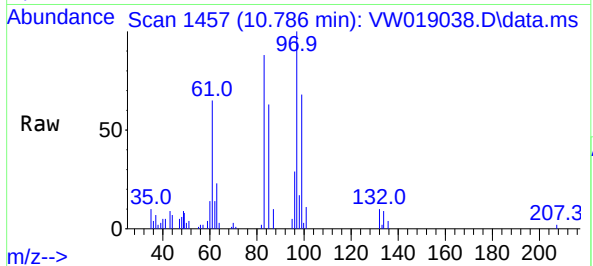
#54
cis-1,3-Dichloropropene
Concen: 2.24 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 75 Resp: 15083
Ion Ratio Lower Upper
75 100
77 32.4 25.0 37.6
39 45.4 36.9 55.3

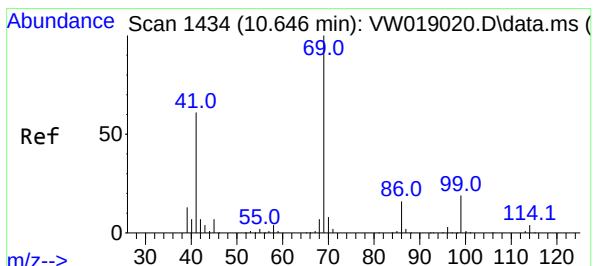
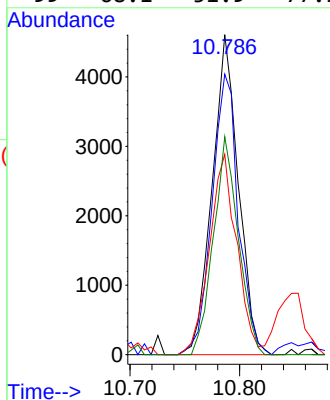
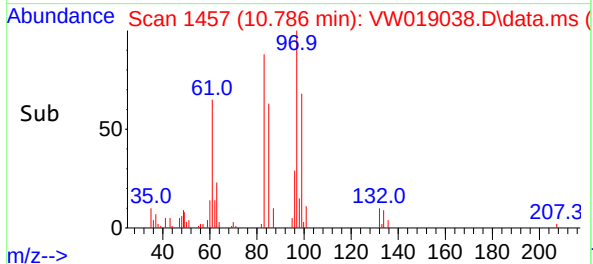




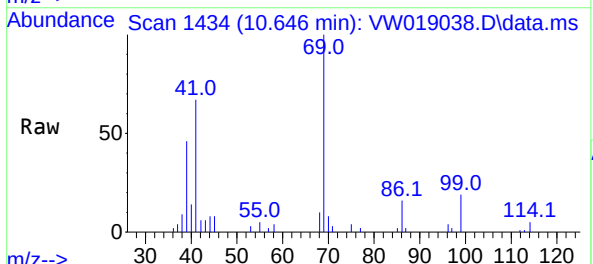
#55
1,1,2-Trichloroethane
Concen: 2.39 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



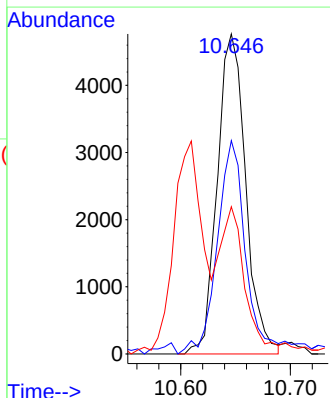
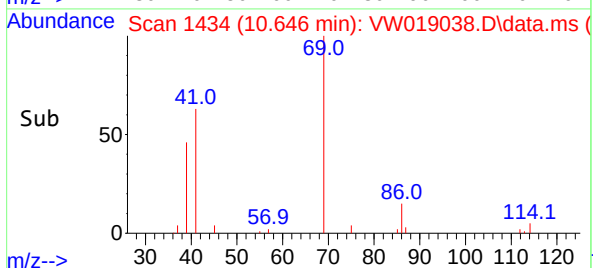
Tgt Ion:	97	Resp:	7649
Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.6	106.0
85	62.6	45.8	68.6
99	68.1	51.9	77.9



#56
Ethyl methacrylate
Concen: 2.13 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



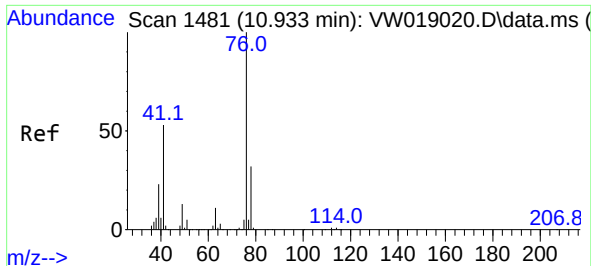
Tgt Ion:	69	Resp:	8585
Ion	Ratio	Lower	Upper
69	100		
41	68.4	48.7	73.1
39	44.4	29.0	43.4



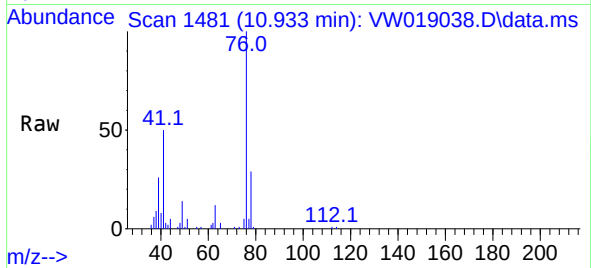
Instrument :
MSVOA_W
ClientSampleId :
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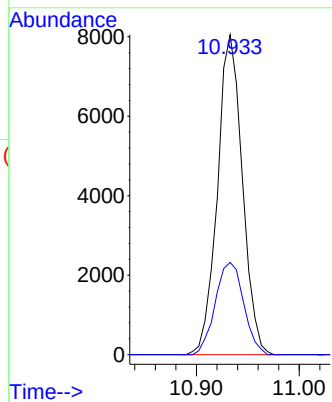
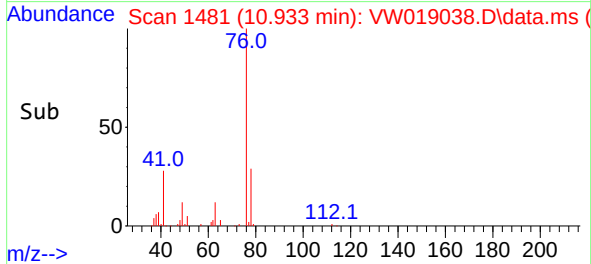
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#57
1,3-Dichloropropane
Concen: 2.37 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



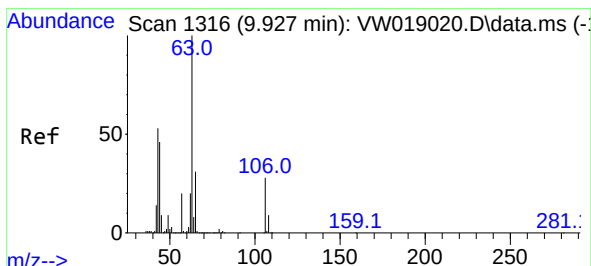
Tgt Ion: 76 Resp: 13552
Ion Ratio Lower Upper
76 100
78 32.8 25.5 38.3



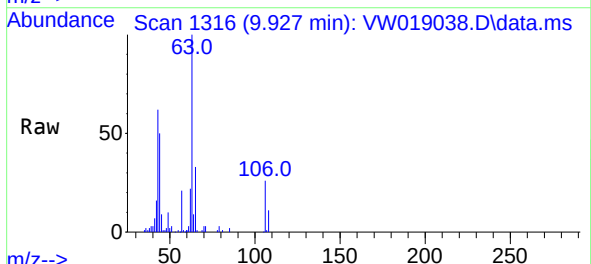
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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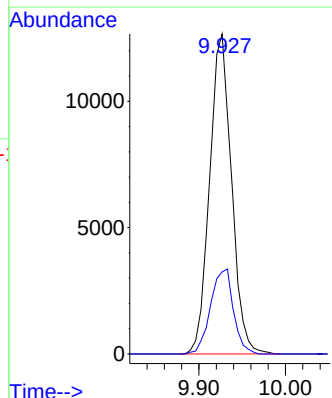
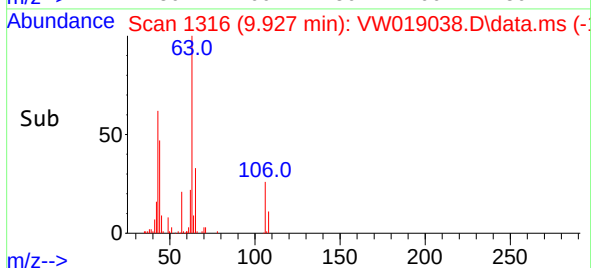
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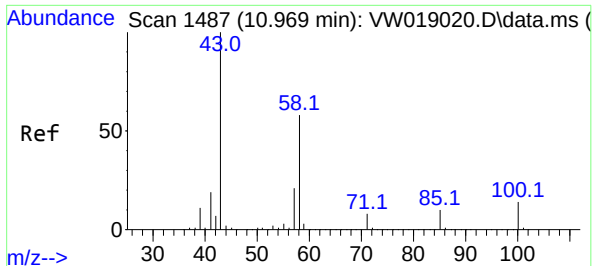


#58
2-Chloroethyl Vinyl ether
Concen: 10.69 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



Tgt Ion: 63 Resp: 22244
Ion Ratio Lower Upper
63 100
106 27.7 22.3 33.5





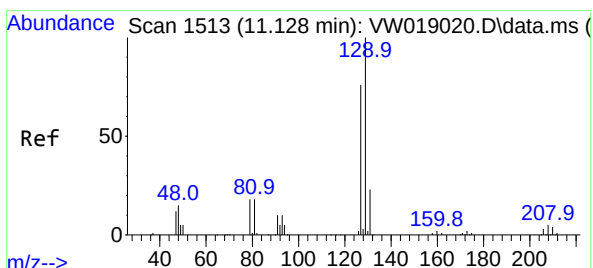
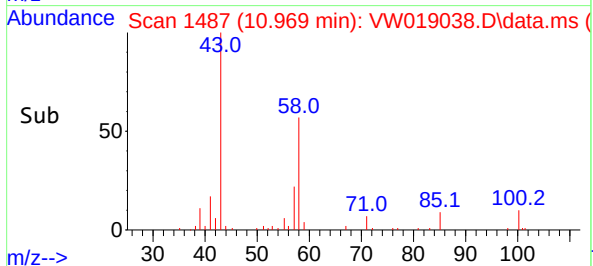
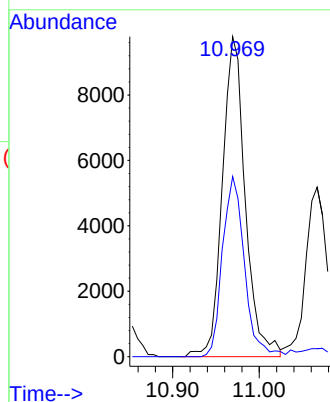
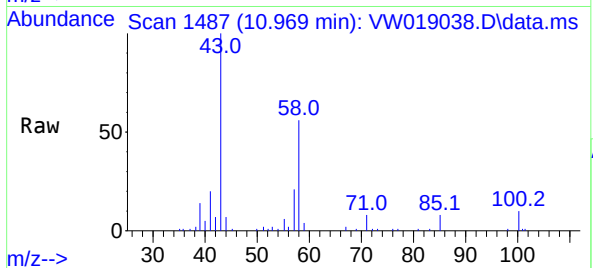
#59
2-Hexanone
Concen: 11.44 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 43 Resp: 17939
Ion Ratio Lower Upper
43 100
58 54.0 29.0 87.1

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

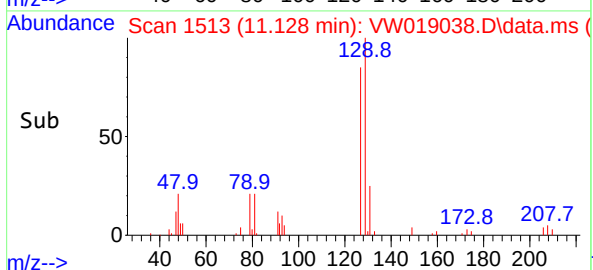
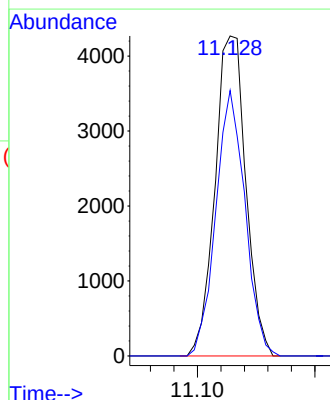
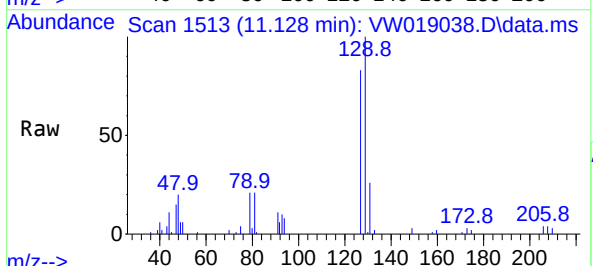
Manual Integrations
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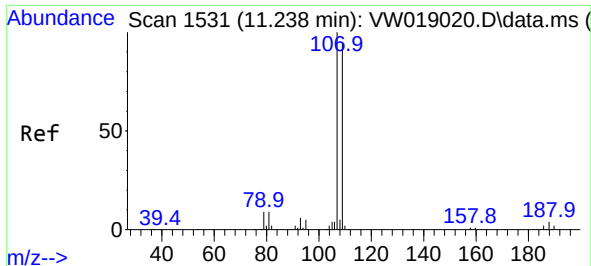
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5/20/2021 6:00:20 PM



#60
Dibromochloromethane
Concen: 2.18 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

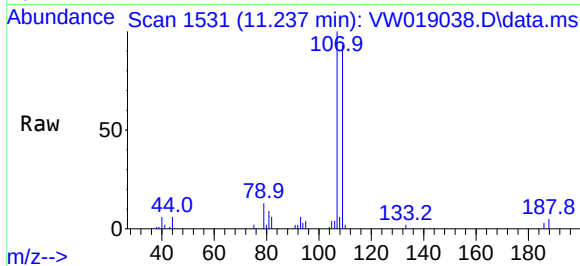
Tgt Ion:129 Resp: 7815
Ion Ratio Lower Upper
129 100
127 78.2 38.2 114.6





#61
1,2-Dibromoethane
Concen: 2.41 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

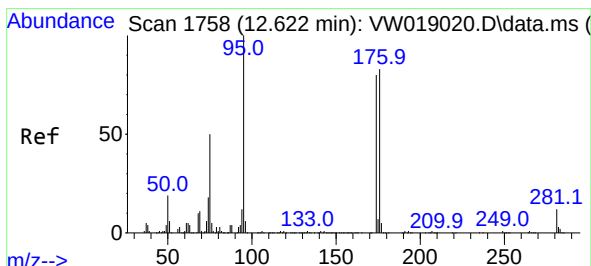
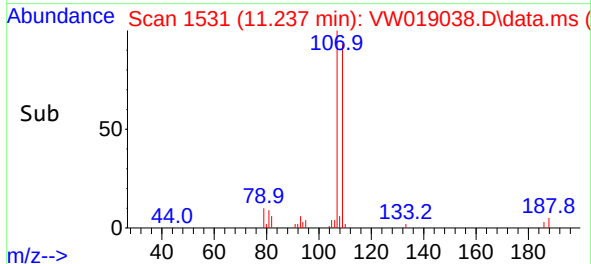
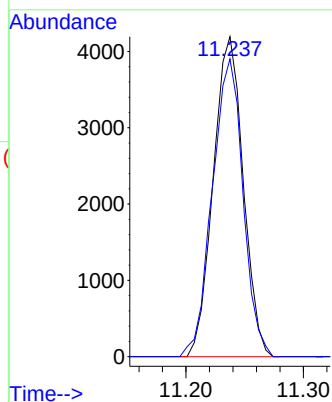
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



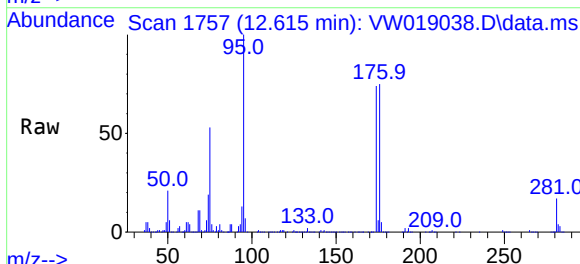
Tgt Ion:107 Resp: 7421
Ion Ratio Lower Upper
107 100
109 95.4 73.9 110.9

Manual Integrations
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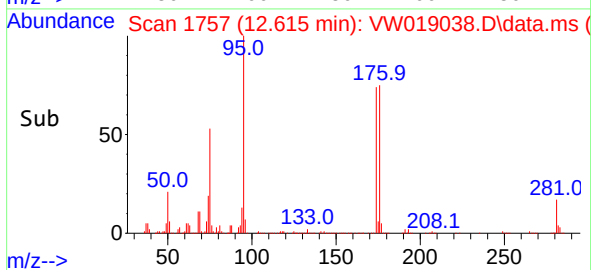
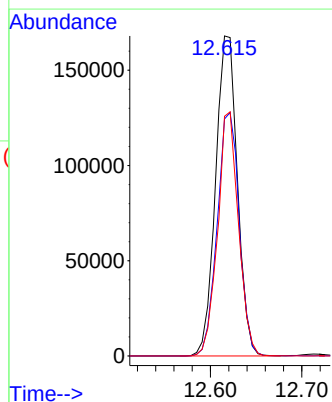
MMDadoda
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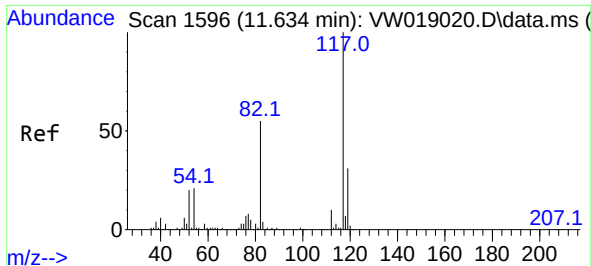


#62
4-Bromofluorobenzene
Concen: 55.71 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.007 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



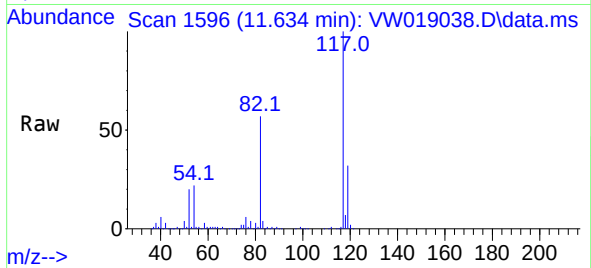
Tgt Ion: 95 Resp: 278925
Ion Ratio Lower Upper
95 100
174 76.5 0.0 156.2
176 72.9 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

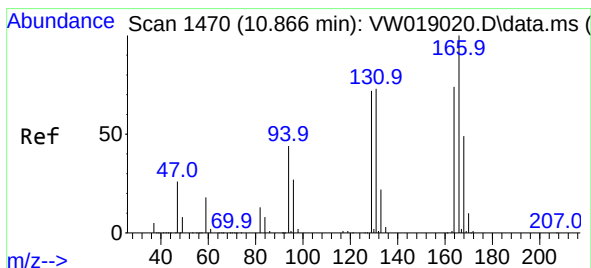
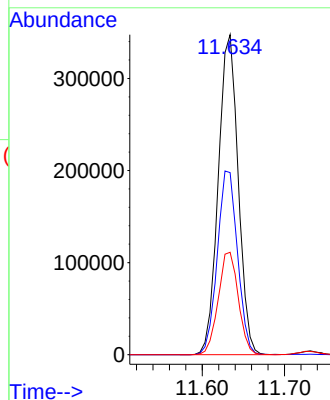
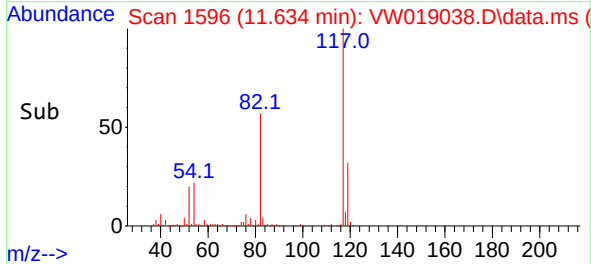
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



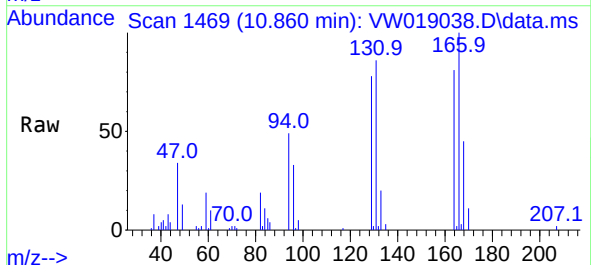
Tgt Ion:117 Resp: 584708
Ion Ratio Lower Upper
117 100
82 56.9 44.4 66.6
119 32.0 24.6 36.8

Manual Integrations
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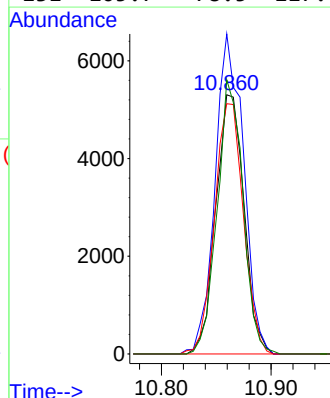
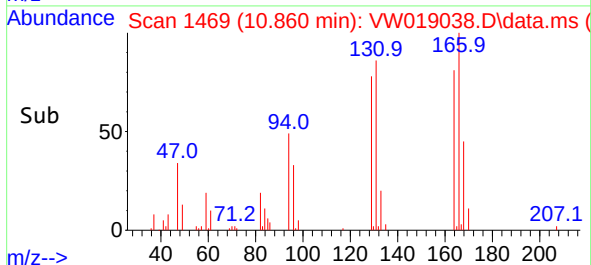
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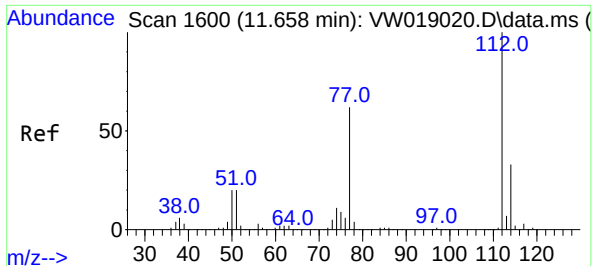


#64
Tetrachloroethene
Concen: 2.50 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



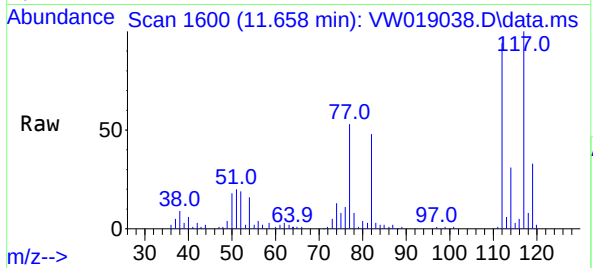
Tgt Ion:164 Resp: 9504
Ion Ratio Lower Upper
164 100
166 123.4 107.8 161.8
129 96.5 77.3 115.9
131 105.7 78.5 117.7





#65
Chlorobenzene
Concen: 2.38 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

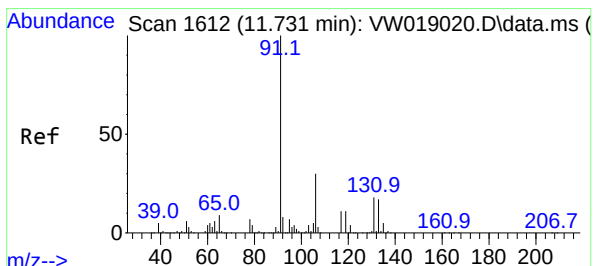
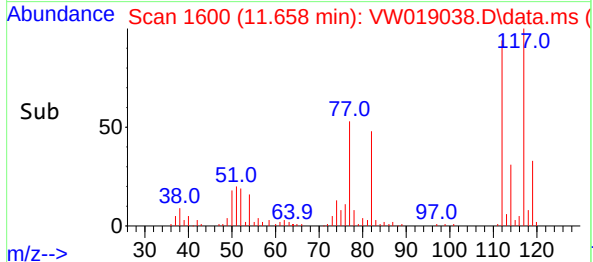
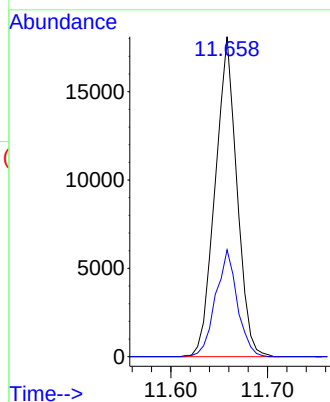
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



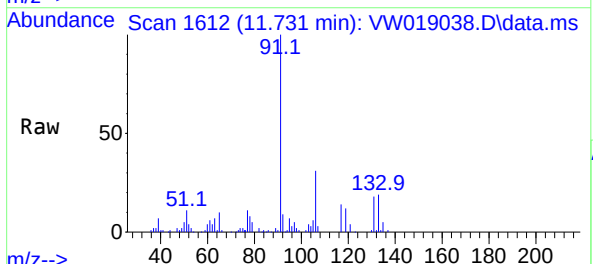
Tgt Ion:112 Resp: 28265
Ion Ratio Lower Upper
112 100
114 33.4 26.4 39.6

Manual Integrations
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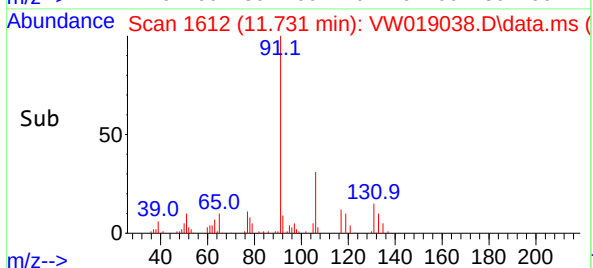
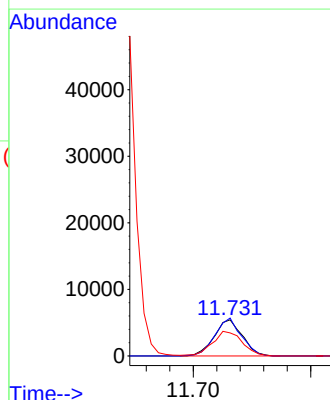
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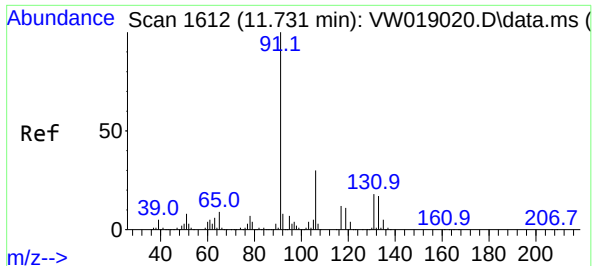


#66
1,1,1,2-Tetrachloroethane
Concen: 2.23 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



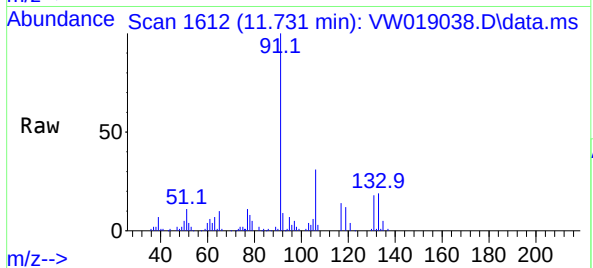
Tgt Ion:131 Resp: 9044
Ion Ratio Lower Upper
131 100
133 98.8 48.1 144.3
119 72.3 33.1 99.2





#67
Ethyl Benzene
Concen: 2.32 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

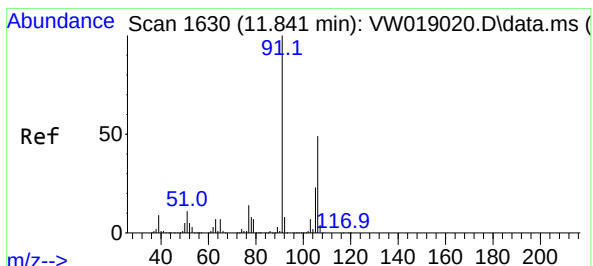
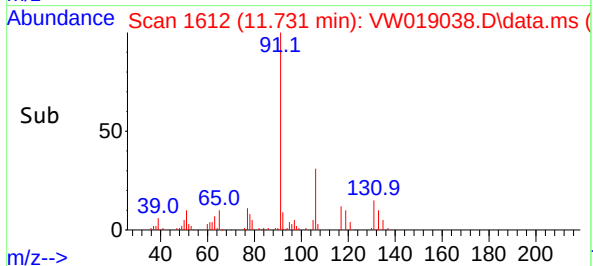
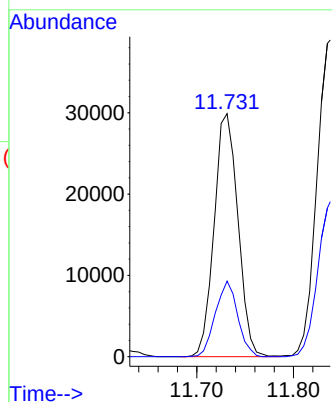
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion: 91 Resp: 51032
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0

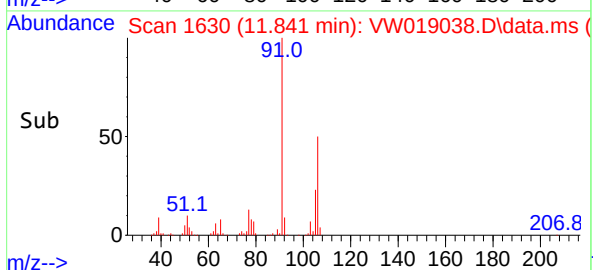
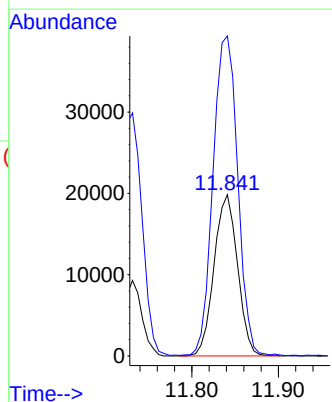
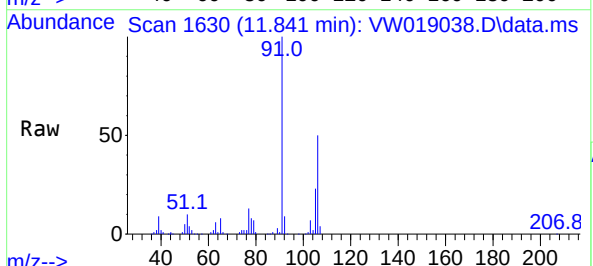
Manual Integrations
APPROVED

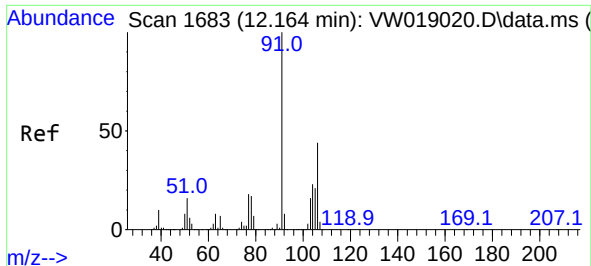
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5/20/2021 6:00:20 PM



#68
m/p-Xylenes
Concen: 4.51 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 106 Resp: 37317
Ion Ratio Lower Upper
106 100
91 208.9 164.2 246.2





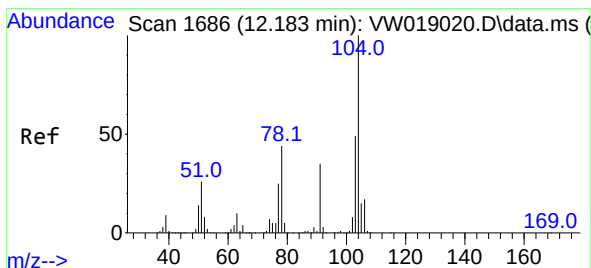
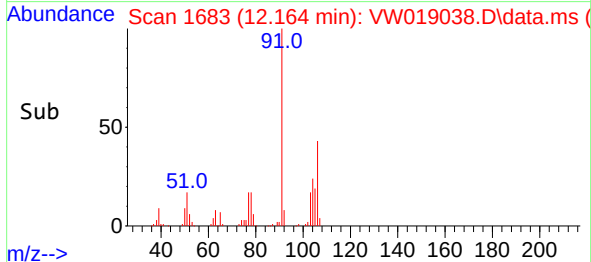
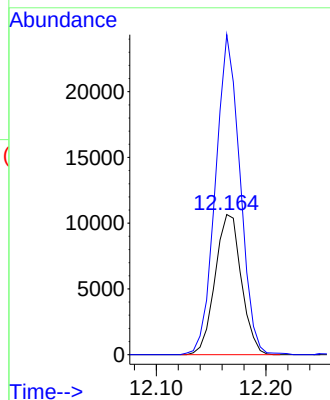
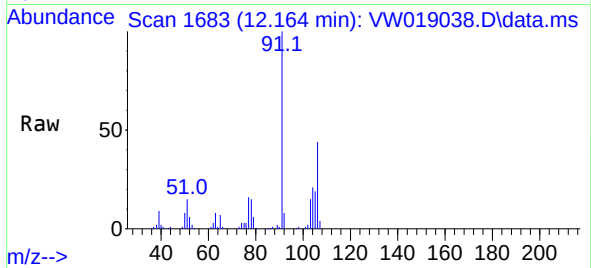
#69
o-Xylene
Concen: 2.30 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion:106 Resp: 17748
Ion Ratio Lower Upper
106 100
91 213.6 109.1 327.2

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

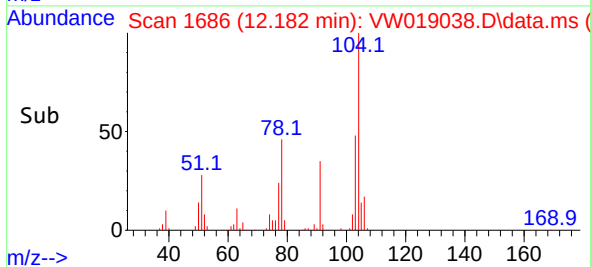
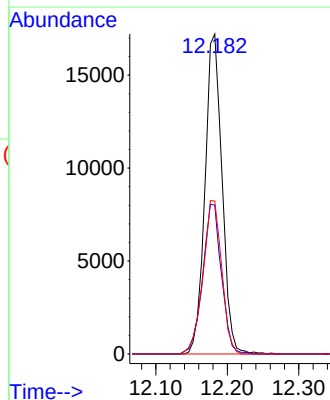
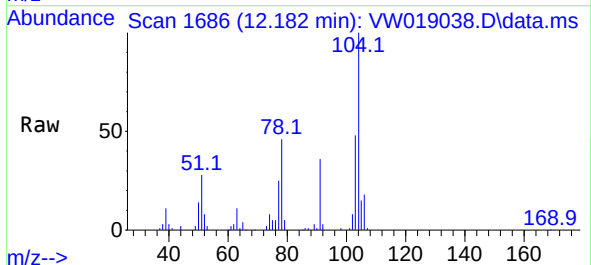
Manual Integrations
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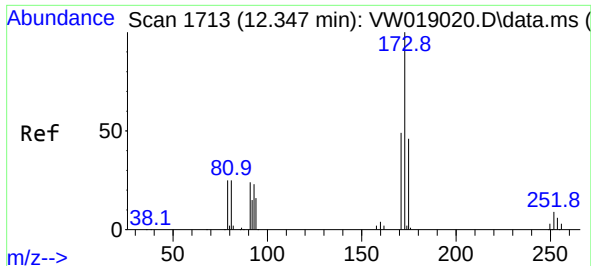
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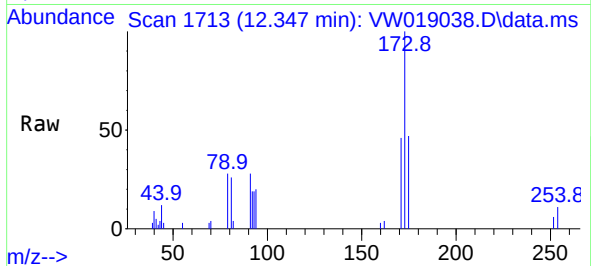
#70
Styrene
Concen: 2.18 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion:104 Resp: 28565
Ion Ratio Lower Upper
104 100
78 51.3 41.3 61.9
103 52.3 44.1 66.1

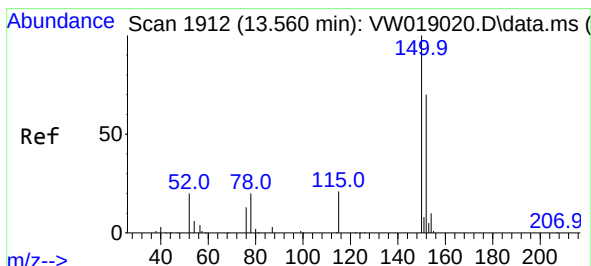
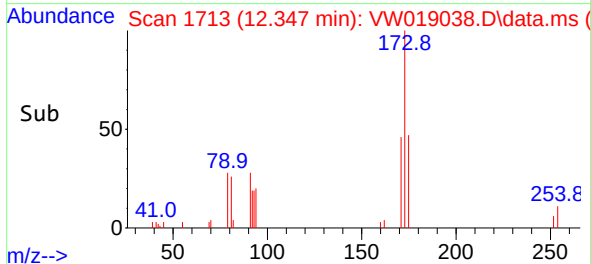
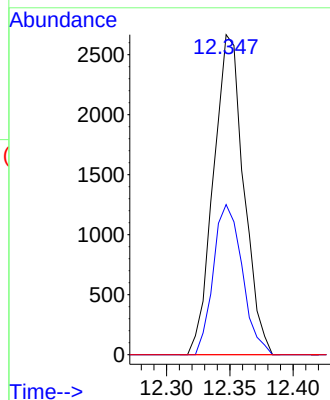




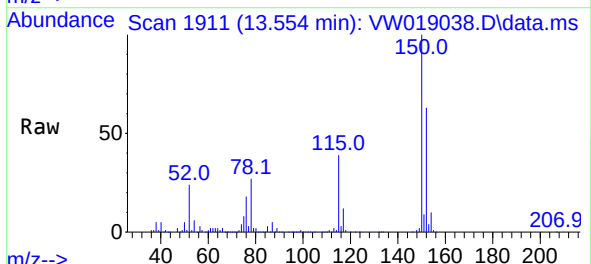
#71
Bromoform
Concen: 2.18 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



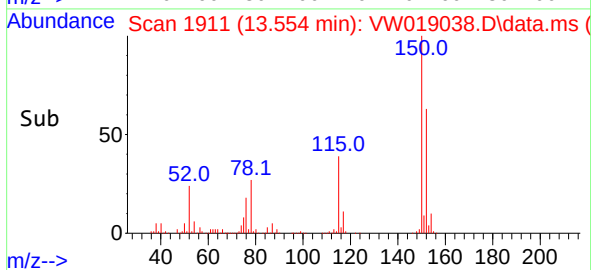
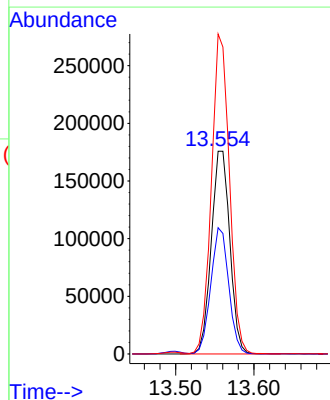
Tgt Ion:173 Resp: 4441
Ion Ratio Lower Upper
173 100
175 44.7 24.6 73.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



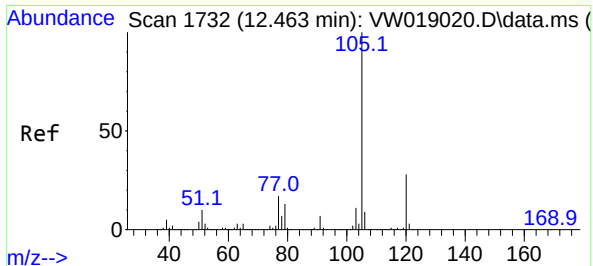
Tgt Ion:152 Resp: 288938
Ion Ratio Lower Upper
152 100
115 60.3 30.3 90.8
150 152.6 0.0 356.0



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

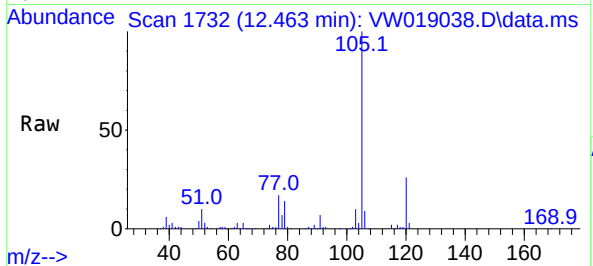
Manual Integrations
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#73
Isopropylbenzene
Concen: 2.20 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

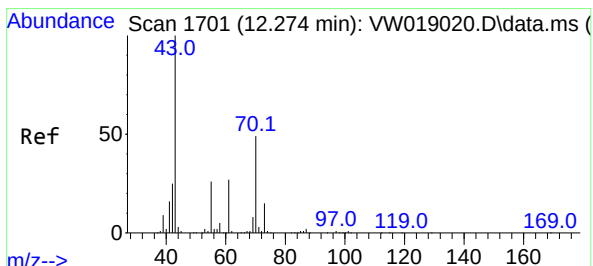
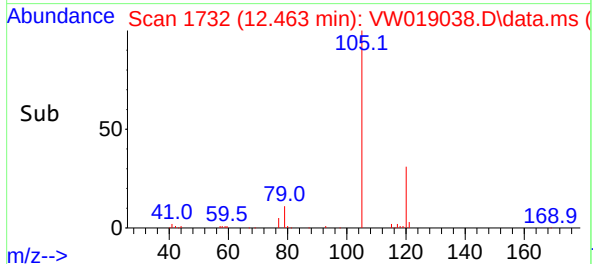
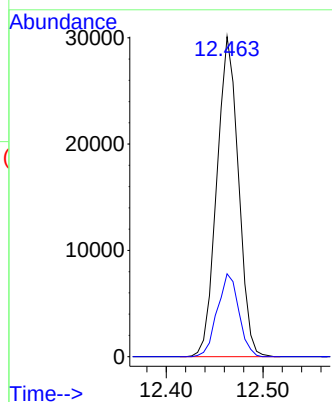
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



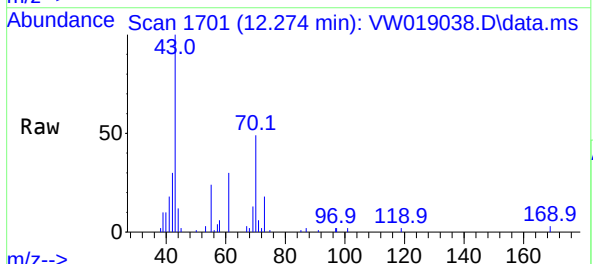
Tgt Ion:105 Resp: 46683
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.5

Manual Integrations
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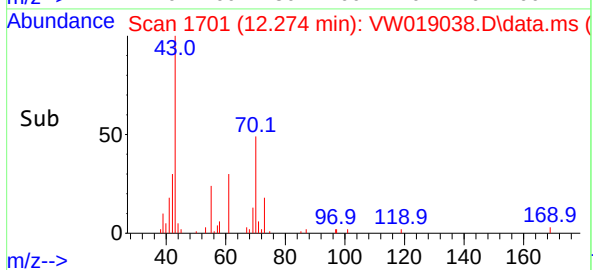
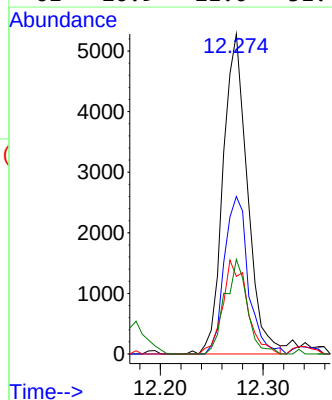
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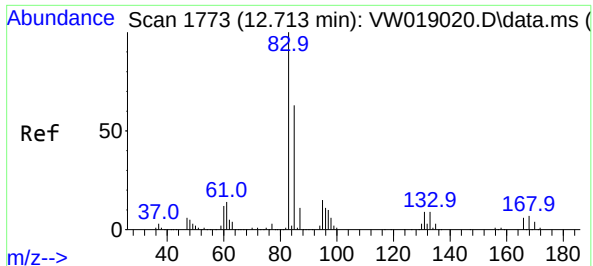


#74
N-ethyl acetate
Concen: 1.98 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



Tgt Ion: 43 Resp: 8667
Ion Ratio Lower Upper
43 100
70 48.4 38.4 57.6
55 29.6 21.6 32.4
61 26.9 21.0 31.4





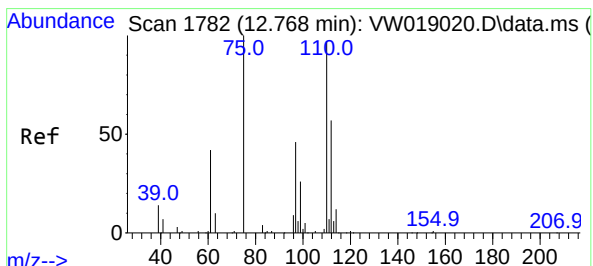
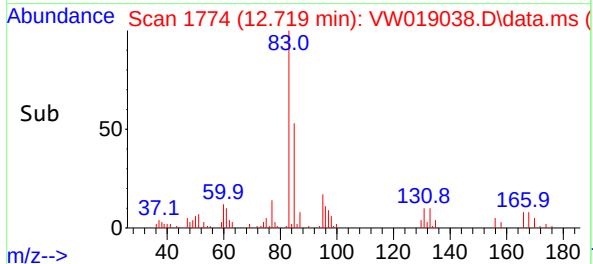
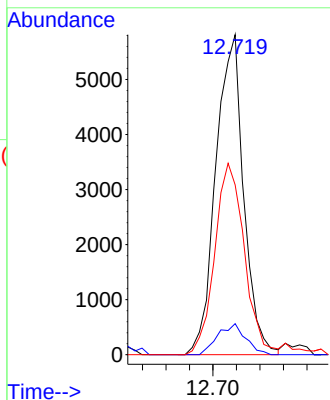
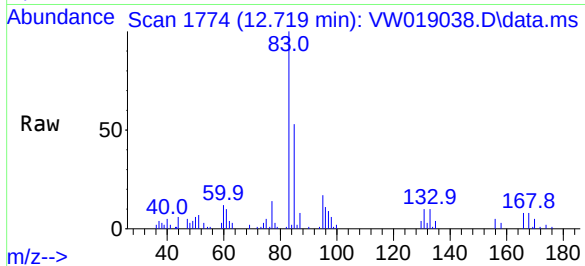
#75
1,1,2,2-Tetrachloroethane
Concen: 2.52 ug/l
RT: 12.719 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 83 Resp: 9567
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.2
85 63.6 31.6 94.8

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

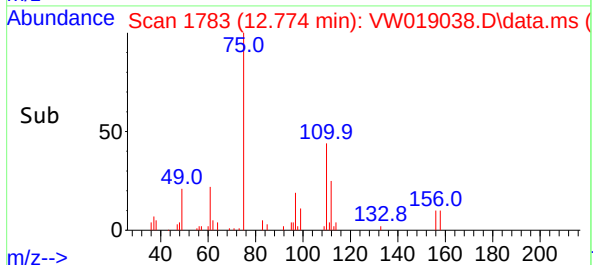
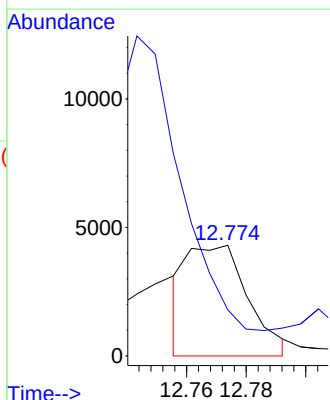
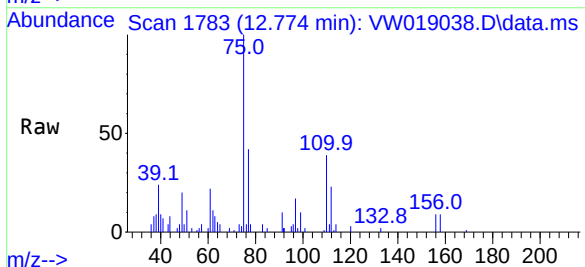
Manual Integrations
APPROVED

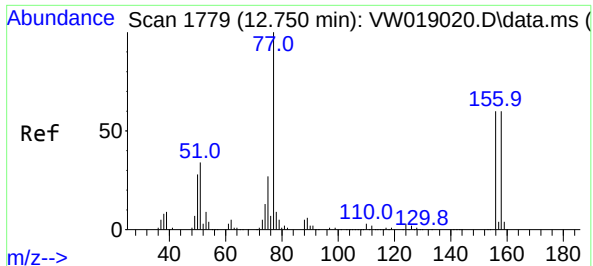
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5/20/2021 6:00:20 PM



#76
1,2,3-Trichloropropane
Concen: 2.25 ug/l m
RT: 12.774 min Scan# 1783
Delta R.T. 0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 75 Resp: 6139
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





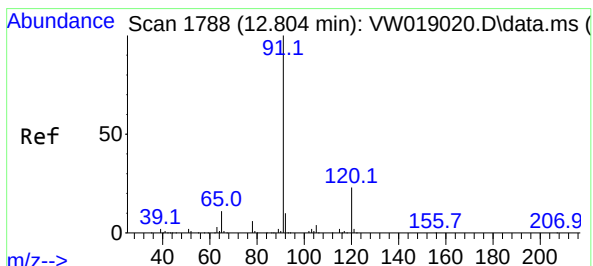
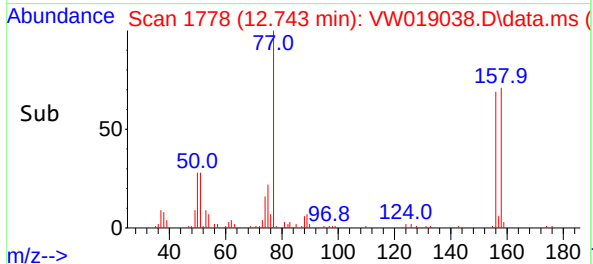
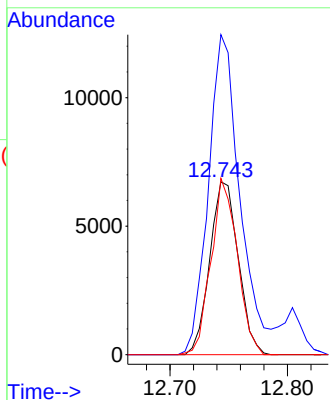
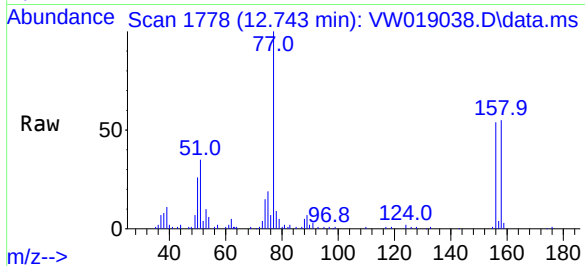
#77
Bromobenzene
Concen: 2.43 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 156 Resp: 11332
Ion Ratio Lower Upper
156 100
77 204.3 96.7 290.0
158 94.1 48.4 145.3

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

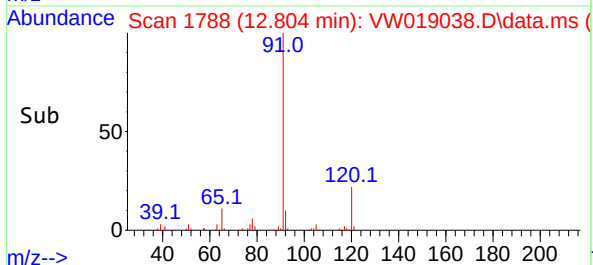
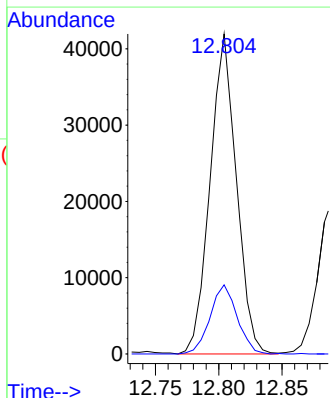
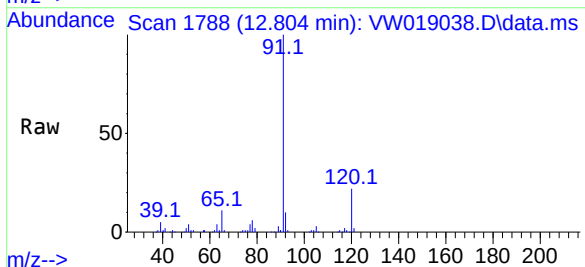
Manual Integrations
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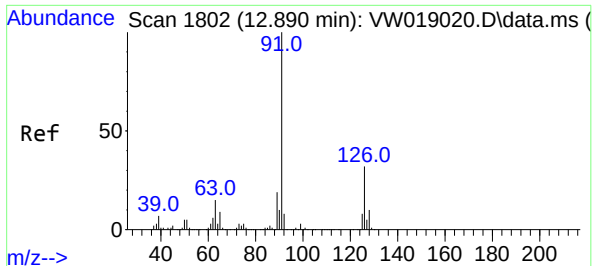
MMDadoda
5/20/2021 6:00:20 PM



#78
n-propylbenzene
Concen: 2.34 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

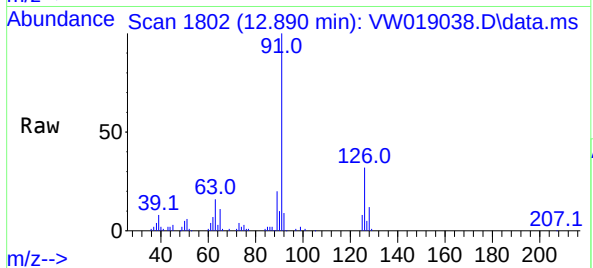
Tgt Ion: 91 Resp: 60562
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.3





#79
2-Chlorotoluene
Concen: 2.32 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

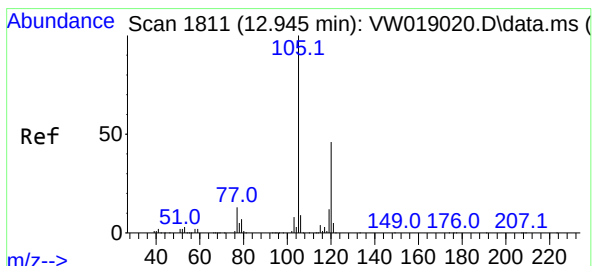
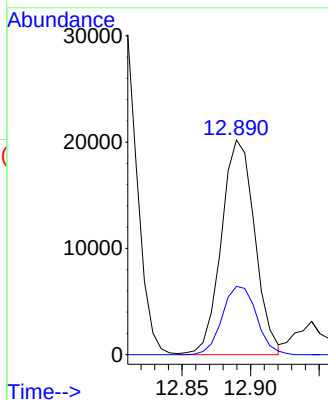
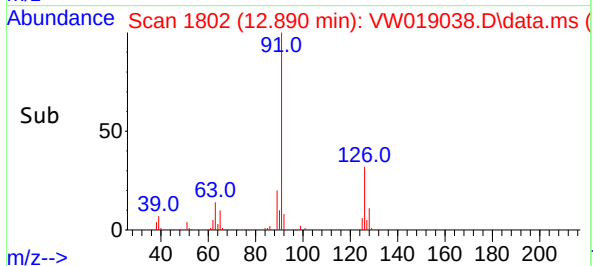
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



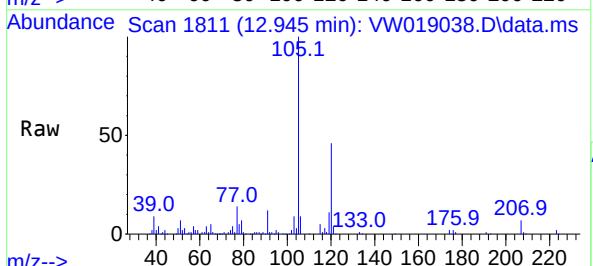
Tgt Ion: 91 Resp: 34272
Ion Ratio Lower Upper
91 100
126 32.6 16.5 49.5

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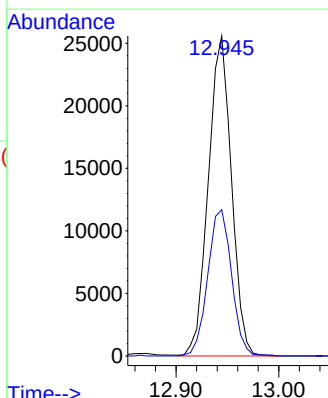
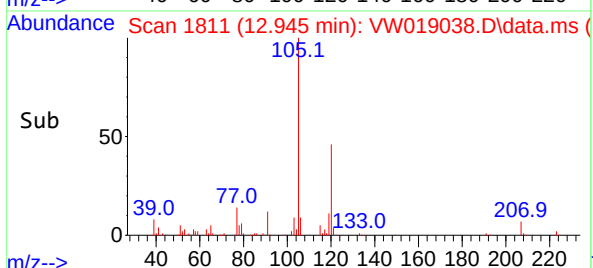
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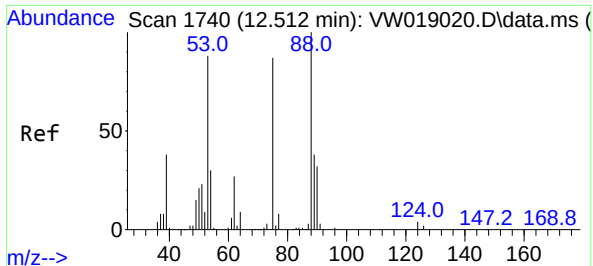


#80
1,3,5-Trimethylbenzene
Concen: 2.22 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



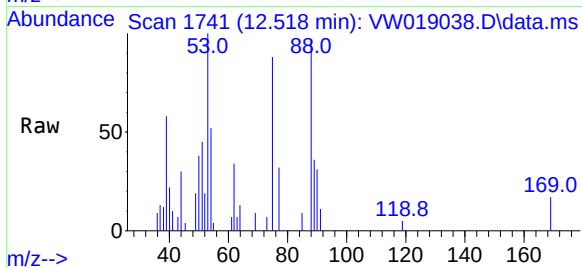
Tgt Ion: 105 Resp: 39940
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 1.87 ug/l m
RT: 12.518 min Scan# 1741
Delta R.T. 0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

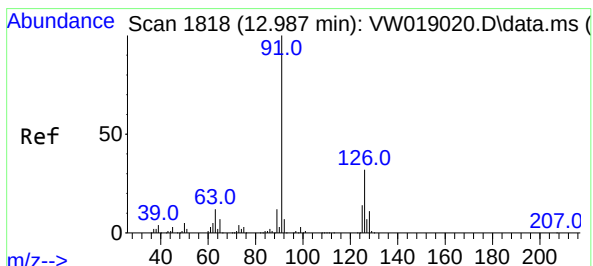
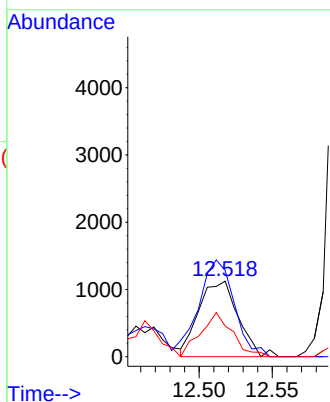
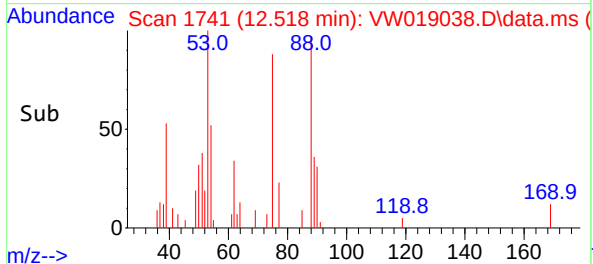
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



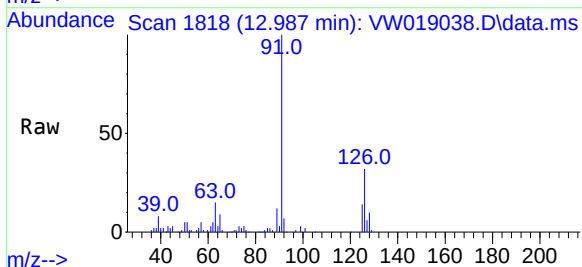
Tgt Ion: 75 Resp: 2091
Ion Ratio Lower Upper
75 100
53 6.4 81.5 122.3#
89 14.0 36.3 54.5#

Manual Integrations
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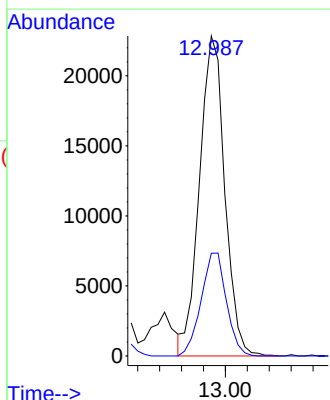
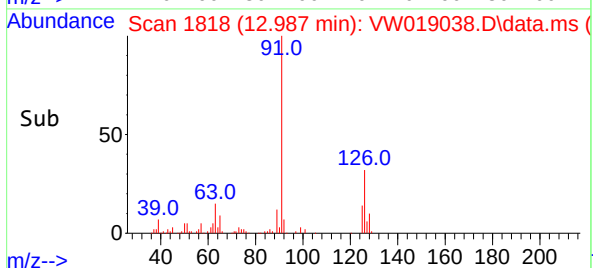
MMDadoda
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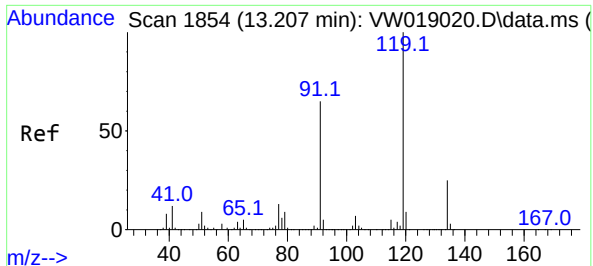


#82
4-Chlorotoluene
Concen: 2.33 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

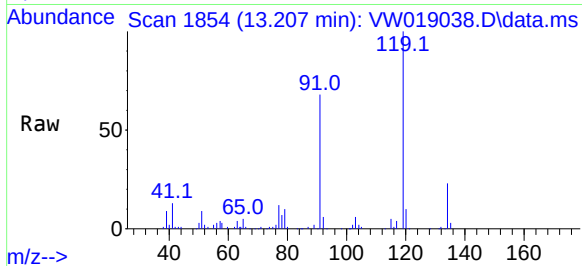


Tgt Ion: 91 Resp: 36517
Ion Ratio Lower Upper
91 100
126 32.2 16.1 48.2

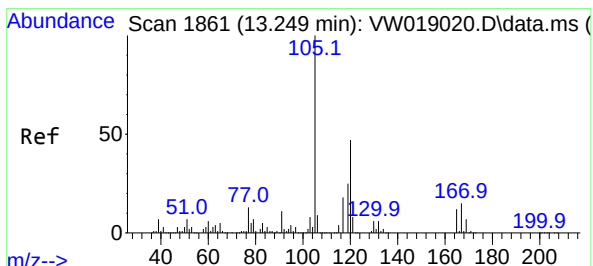
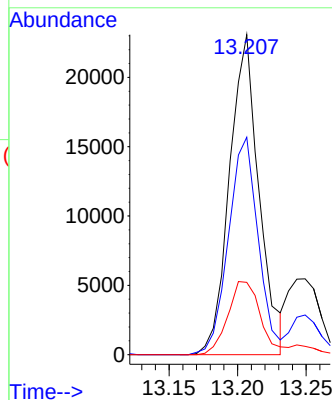
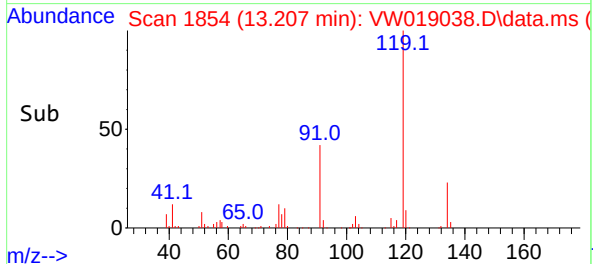




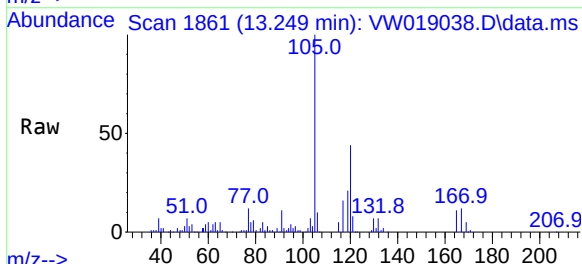
#83
tert-Butylbenzene
Concen: 2.29 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



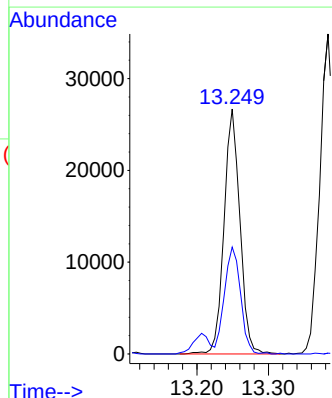
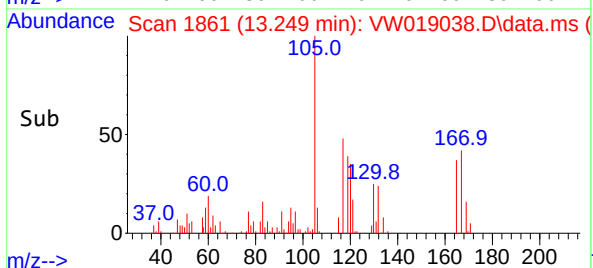
Tgt Ion:119 Resp: 34674
Ion Ratio Lower Upper
119 100
91 68.5 34.0 102.0
134 25.5 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 2.31 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



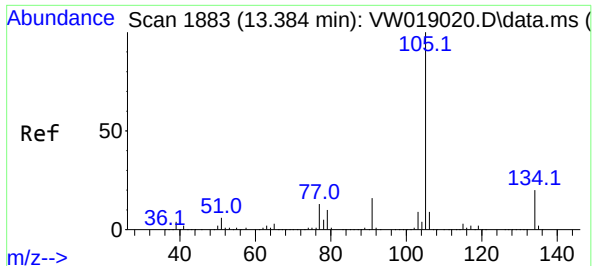
Tgt Ion:105 Resp: 41216
Ion Ratio Lower Upper
105 100
120 44.0 22.4 67.0



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

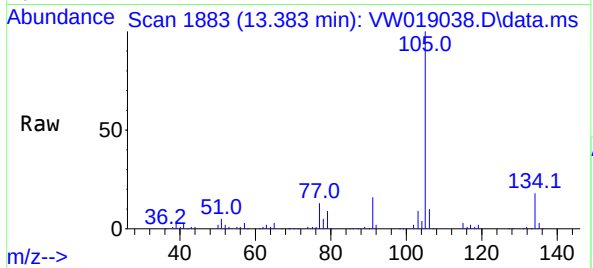
Manual Integrations
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#85
sec-Butylbenzene
Concen: 2.28 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

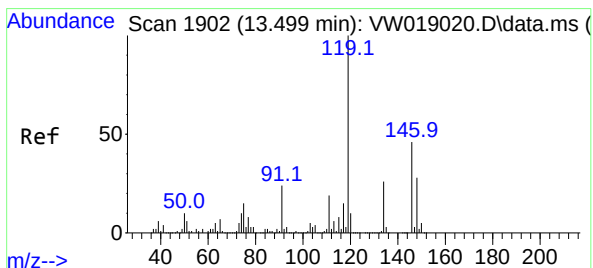
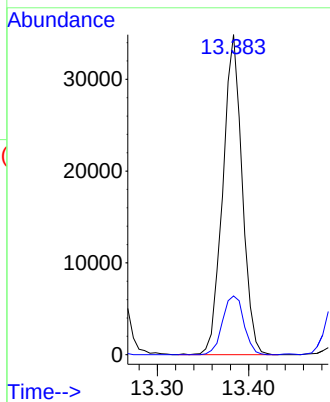
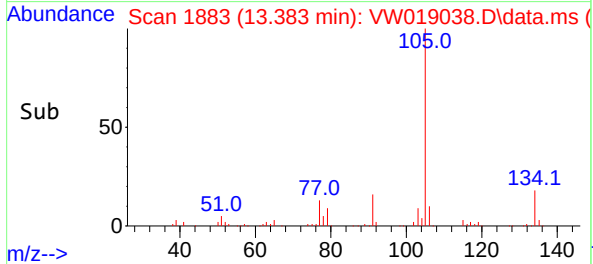
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



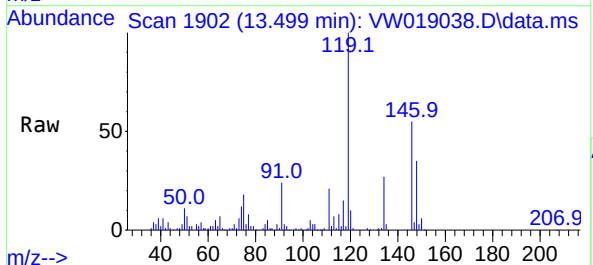
Tgt Ion:105 Resp: 51278
Ion Ratio Lower Upper
105 100
134 20.2 10.1 30.1

Manual Integrations
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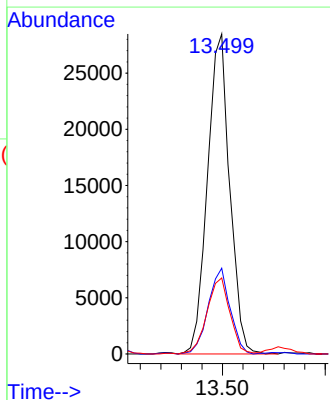
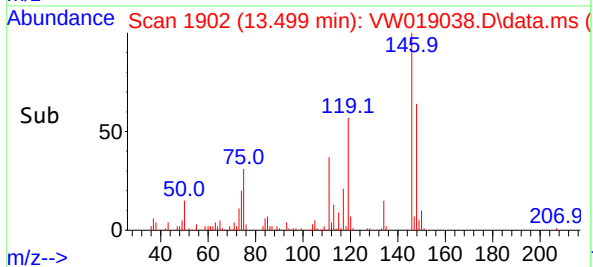
MMDadoda
5/20/2021 6:00:20 PM

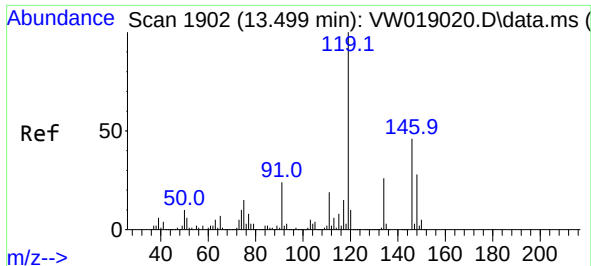


#86
p-Isopropyltoluene
Concen: 2.20 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



Tgt Ion:119 Resp: 42870
Ion Ratio Lower Upper
119 100
134 26.4 12.8 38.3
91 24.5 12.1 36.3





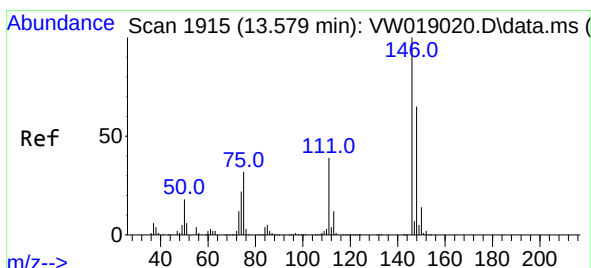
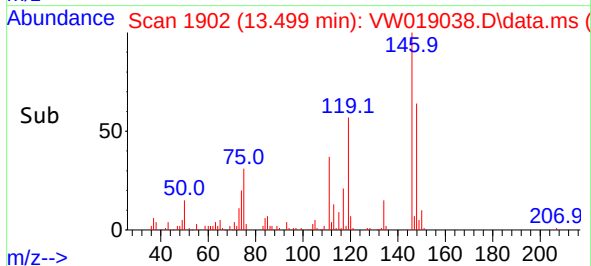
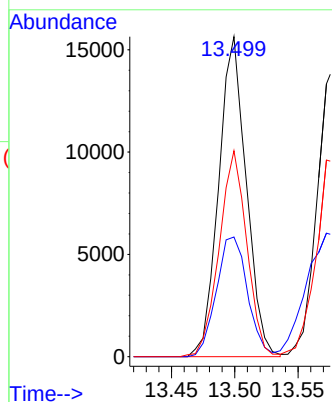
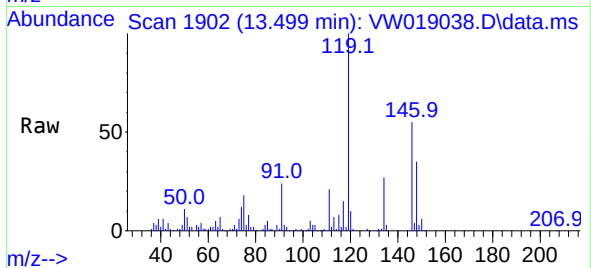
#87
1,3-Dichlorobenzene
Concen: 2.49 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion:	146	Resp:	23699
Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.7	62.1
148	64.5	31.8	95.3

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

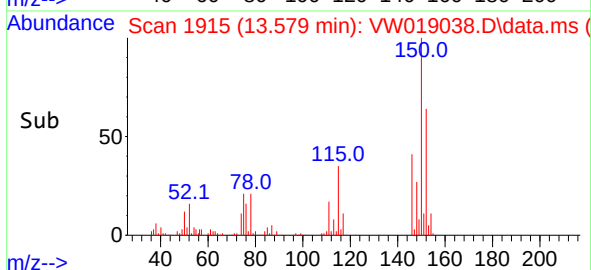
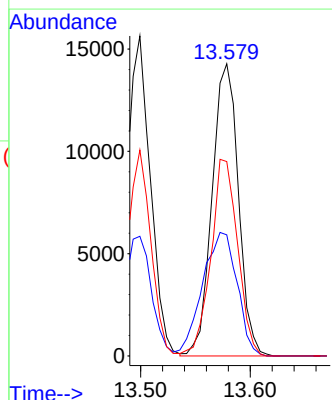
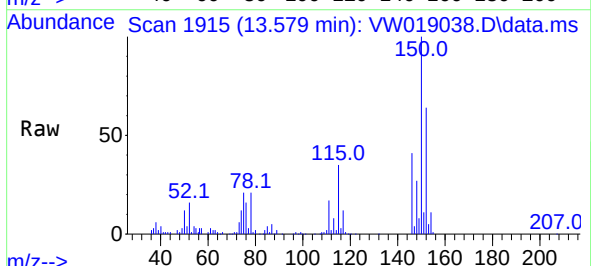
Manual Integrations
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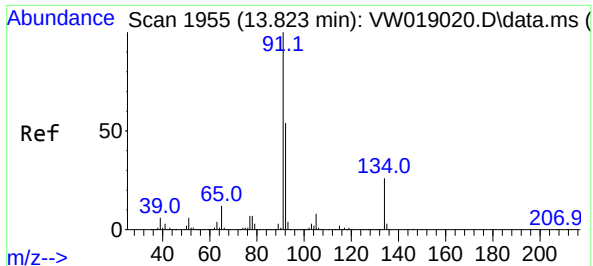
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#88
1,4-Dichlorobenzene
Concen: 2.53 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

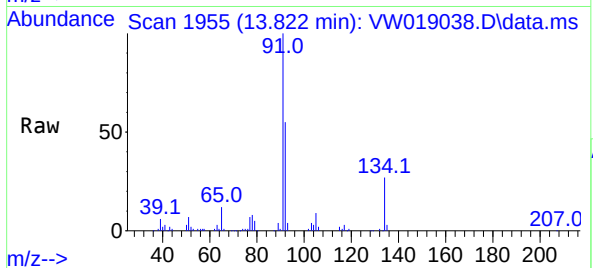
Tgt Ion:	146	Resp:	23806
Ion	Ratio	Lower	Upper
146	100		
111	55.7	20.1	60.3
148	68.5	32.4	97.2





#89
n-Butylbenzene
Concen: 2.30 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

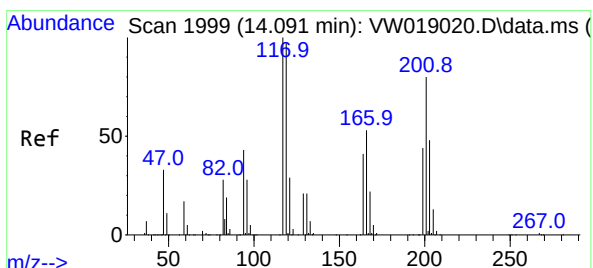
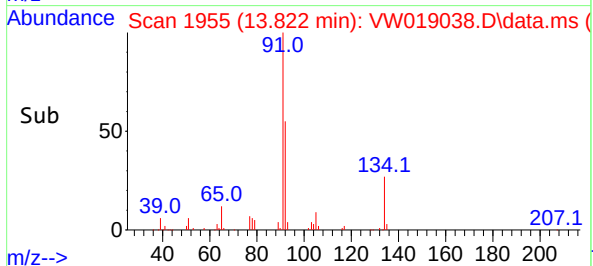
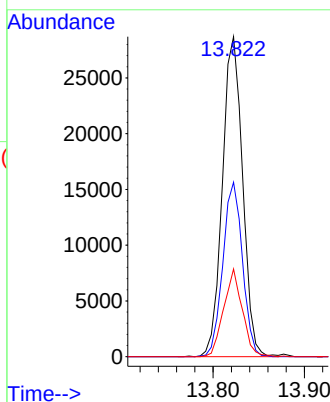
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion: 91 Resp: 44109
Ion Ratio Lower Upper
91 100
92 52.9 26.6 79.8
134 25.4 12.7 38.0

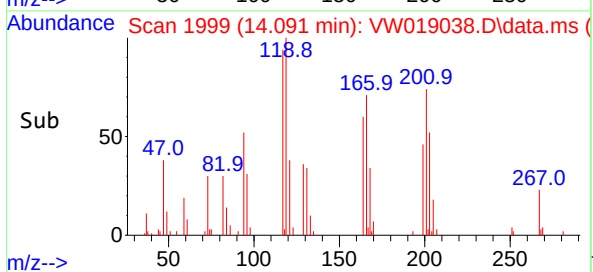
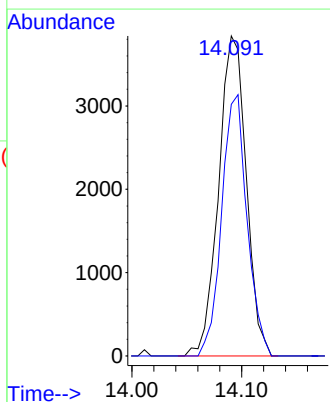
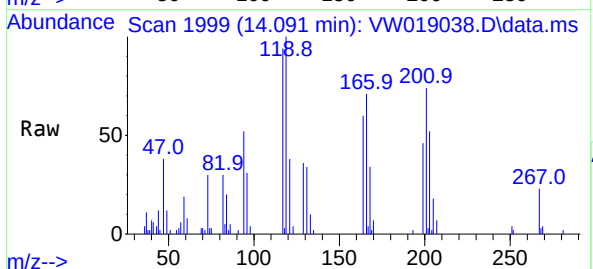
Manual Integrations
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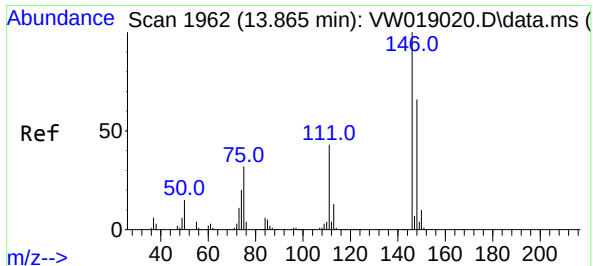
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#90
Hexachloroethane
Concen: 2.20 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion: 117 Resp: 6726
Ion Ratio Lower Upper
117 100
201 75.0 38.4 115.2





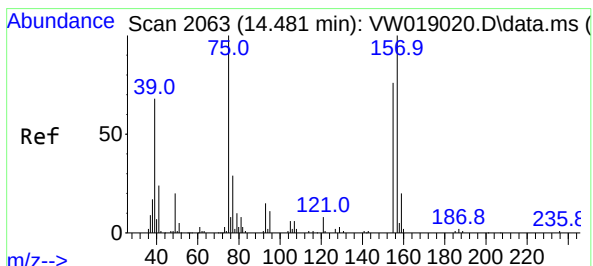
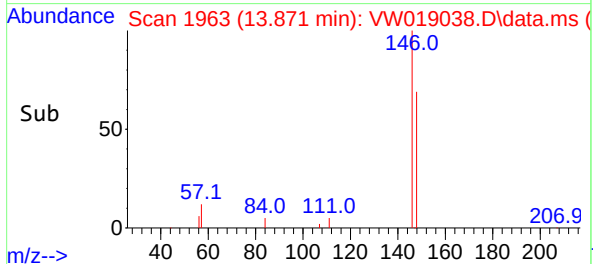
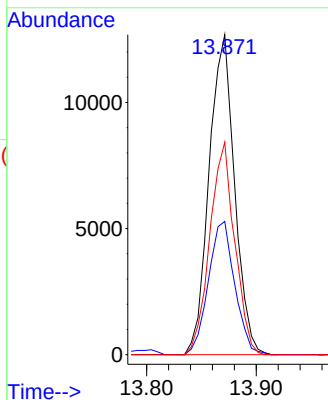
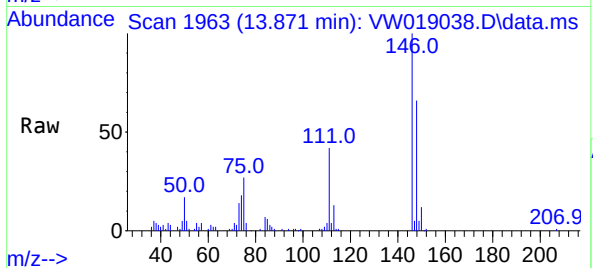
#91
1,2-Dichlorobenzene
Concen: 2.43 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion:	146	Resp:	20490
Ion Ratio	Lower	Upper	
146	100		
111	43.1	21.1	63.1
148	64.9	32.6	97.7

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

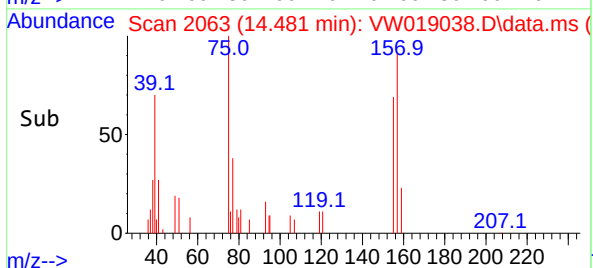
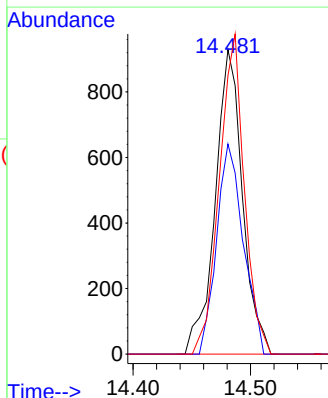
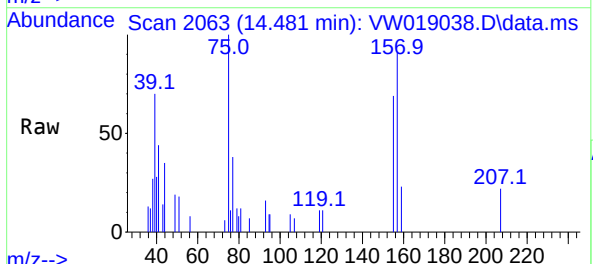
Manual Integrations
APPROVED

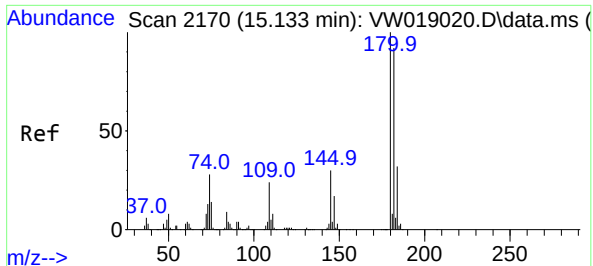
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#92
1,2-Dibromo-3-Chloropropane
Concen: 2.48 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion:	75	Resp:	1503
Ion Ratio	Lower	Upper	
75	100		
155	67.3	41.3	124.1
157	96.3	51.2	153.6





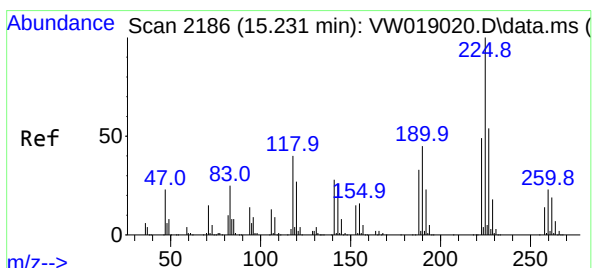
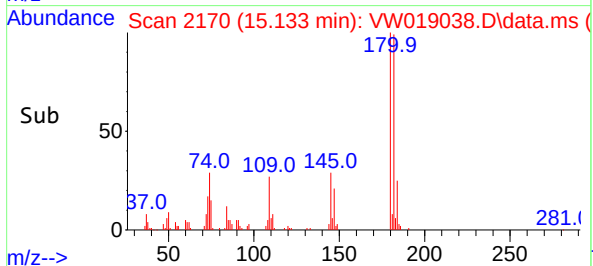
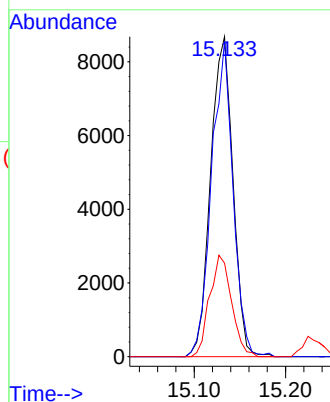
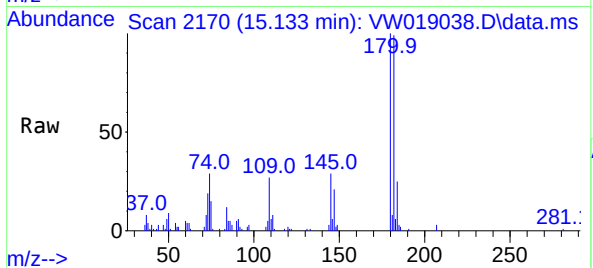
#93
1,2,4-Trichlorobenzene
Concen: 2.61 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion:	180	Resp:	14730
Ion Ratio	Lower	Upper	
180	100		
182	94.6	48.9	146.7
145	31.2	15.4	46.1

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

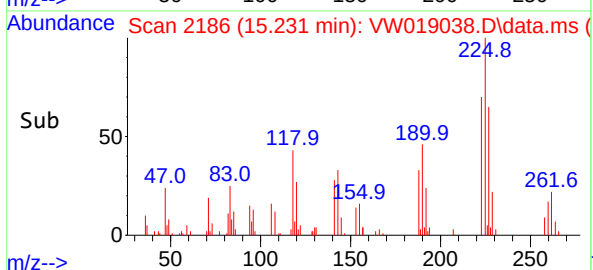
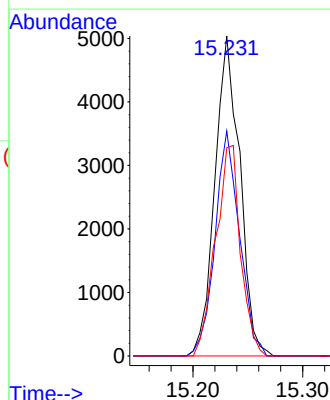
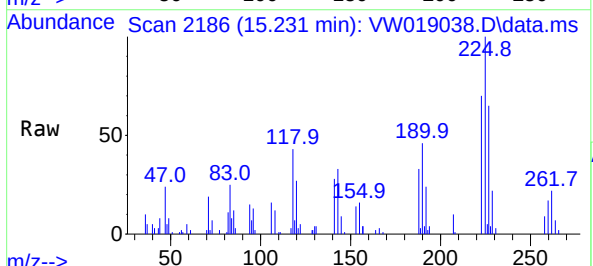
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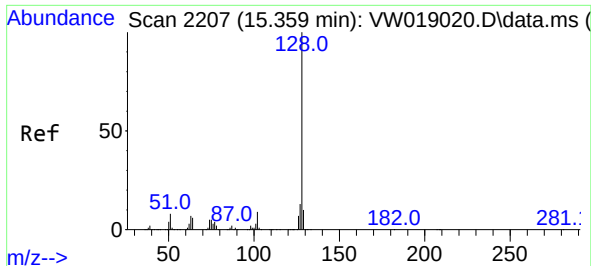
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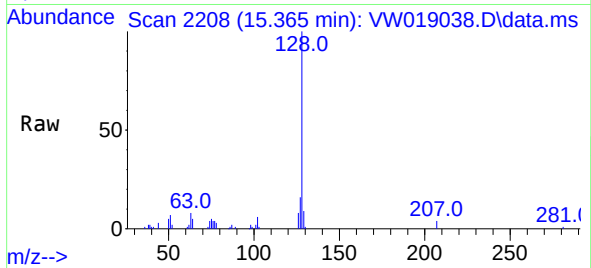
#94
Hexachlorobutadiene
Concen: 2.44 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05

Tgt Ion:	225	Resp:	7957
Ion Ratio	Lower	Upper	
225	100		
223	69.2	29.6	88.8
227	66.0	30.4	91.3

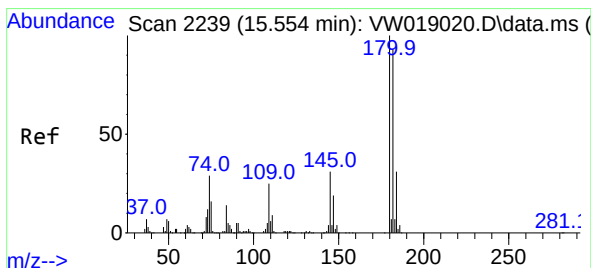
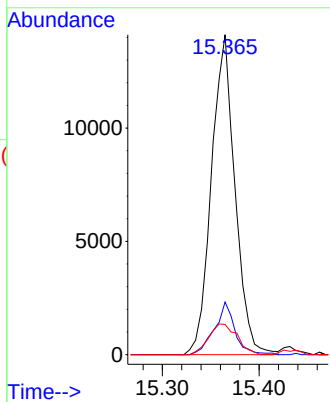
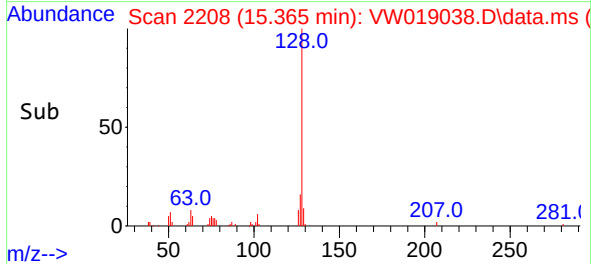




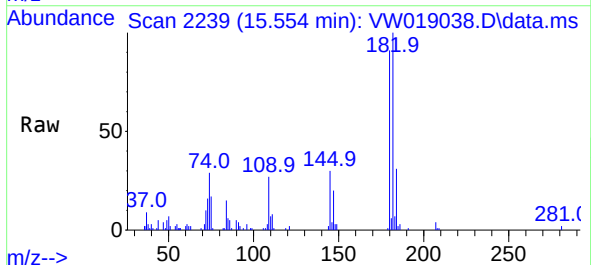
#95
Naphthalene
Concen: 2.32 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



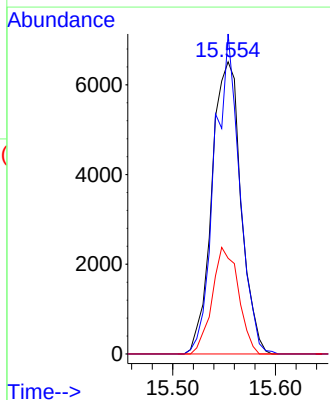
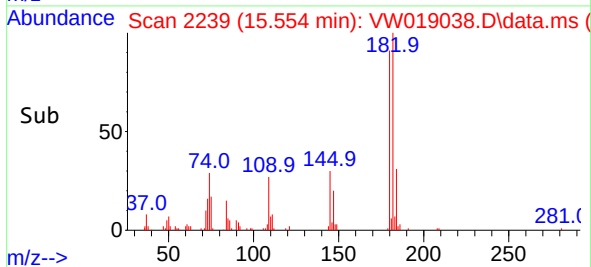
Tgt Ion:128 Resp: 23914
Ion Ratio Lower Upper
128 100
127 14.2 10.4 15.6
129 11.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 2.62 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW019038.D
Acq: 19 May 2021 18:05



Tgt Ion:180 Resp: 12805
Ion Ratio Lower Upper
180 100
182 95.1 47.4 142.3
145 32.9 16.1 48.2



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

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