

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090821\
 Data File : VW019999.D
 Acq On : 08 Sep 2021 13:47
 Operator : SY/VA
 Sample : M2940-01 4PPBLOD
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
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Quant Time: Sep 09 04:28:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W090721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 04:27:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	183686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	301839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	278283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	141834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	105687	49.563	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.120%
35) Dibromofluoromethane	7.890	113	98071	49.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.960%
50) Toluene-d8	10.329	98	360593	48.938	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.615	95	132051	48.435	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	4336	3.887	ug/l	94
3) Chloromethane	2.221	50	7941	4.782	ug/l	90
4) Vinyl Chloride	2.367	62	11114	4.128	ug/l	98
5) Bromomethane	2.782	94	9335	4.277	ug/l	90
6) Chloroethane	2.928	64	7490	4.038	ug/l	96
7) Trichlorofluoromethane	3.263	101	6140	3.986	ug/l	88
8) Diethyl Ether	3.690	74	3853	4.085	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.080	101	8424	4.188	ug/l	98
10) Methyl Iodide	4.281	142	10814	3.926	ug/l	100
11) Tert butyl alcohol	5.165	59	3876m	37.975	ug/l	
12) 1,1-Dichloroethene	4.044	96	7895	4.166	ug/l	89
13) Acrolein	3.903	56	1709	21.974	ug/l	91
14) Allyl chloride	4.678	41	9580	3.716	ug/l	95
15) Acrylonitrile	5.379	53	8379	21.316	ug/l	99
16) Acetone	4.123	43	10690	31.212	ug/l	92
17) Carbon Disulfide	4.391	76	22761	3.946	ug/l	100
18) Methyl Acetate	4.678	43	4400	4.525	ug/l	98
19) Methyl tert-butyl Ether	5.434	73	10181	4.071	ug/l	99
20) Methylene Chloride	4.928	84	29697	11.531	ug/l	96
21) trans-1,2-Dichloroethene	5.440	96	8637	4.012	ug/l	90
22) Diisopropyl ether	6.318	45	19549	3.579	ug/l #	89
23) Vinyl Acetate	6.263	43	52269	17.541	ug/l	97
24) 1,1-Dichloroethane	6.226	63	15441	3.992	ug/l	98
25) 2-Butanone	7.177	43	12148	24.740	ug/l	95
26) 2,2-Dichloropropane	7.165	77	11909	5.092	ug/l	89
27) cis-1,2-Dichloroethene	7.171	96	8981	3.907	ug/l	92
28) Bromochloromethane	7.519	49	6903	4.496	ug/l	97
29) Tetrahydrofuran	7.537	42	6303	20.632	ug/l	98
30) Chloroform	7.683	83	16645	4.084	ug/l	90
31) Cyclohexane	7.958	56	16547	4.760	ug/l #	80
32) 1,1,1-Trichloroethane	7.884	97	13576	4.116	ug/l	99
36) 1,1-Dichloropropene	8.086	75	12196	3.841	ug/l	98
37) Ethyl Acetate	7.269	43	6373	5.459	ug/l #	94
38) Carbon Tetrachloride	8.073	117	12384	3.825	ug/l	98
39) Methylcyclohexane	9.341	83	13393	3.640	ug/l	96
40) Benzene	8.329	78	34746	3.972	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	2635	4.078	ug/l	97
42) 1,2-Dichloroethane	8.403	62	11184	4.164	ug/l	98
43) Isopropyl Acetate	8.433	43	9030	4.076	ug/l	100
44) Trichloroethene	9.098	130	9566	4.168	ug/l	97
45) 1,2-Dichloropropane	9.372	63	8491	3.992	ug/l	91
46) Dibromomethane	9.463	93	4741	3.952	ug/l	96
47) Bromodichloromethane	9.646	83	11567	3.870	ug/l	98
48) Methyl methacrylate	9.439	41	3979	4.105	ug/l	96
49) 1,4-Dioxane	9.457	88	1191	77.721	ug/l #	99
51) 4-Methyl-2-Pentanone	10.213	43	24615	21.426	ug/l	96
52) Toluene	10.390	92	22178	4.005	ug/l	99
53) t-1,3-Dichloropropene	10.609	75	10753	3.750	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	11959	3.582	ug/l	99
55) 1,1,2-Trichloroethane	10.792	97	6965	4.284	ug/l	97
56) Ethyl methacrylate	10.646	69	6515	3.582	ug/l	99
57) 1,3-Dichloropropane	10.933	76	11070	3.968	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	14023	16.890	ug/l	100
59) 2-Hexanone	10.969	43	14946	19.467	ug/l	97
60) Dibromochloromethane	11.134	129	7126	3.786	ug/l	98
61) 1,2-Dibromoethane	11.237	107	6032	3.962	ug/l	95
64) Tetrachloroethene	10.866	164	8138	4.215	ug/l	96
65) Chlorobenzene	11.658	112	24055	4.022	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.731	131	8130	3.814	ug/l	100
67) Ethyl Benzene	11.731	91	39122	3.707	ug/l	97
68) m/p-Xylenes	11.841	106	29506	7.085	ug/l	95
69) o-Xylene	12.170	106	13221	3.465	ug/l	95
70) Styrene	12.182	104	21368	3.304	ug/l	99
71) Bromoform	12.347	173	4035	3.845	ug/l #	92
73) Isopropylbenzene	12.463	105	34456	3.433	ug/l	100
74) N-amyl acetate	12.274	43	7472	3.628	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.719	83	8085	4.387	ug/l	97
76) 1,2,3-Trichloropropane	12.768	75	5501m	4.175	ug/l	
77) Bromobenzene	12.743	156	9278	3.985	ug/l	98
78) n-propylbenzene	12.804	91	46412	3.672	ug/l	98
79) 2-Chlorotoluene	12.896	91	27630	3.756	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	30570	3.456	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	1935m	3.555	ug/l	
82) 4-Chlorotoluene	12.987	91	28895	3.737	ug/l	99
83) tert-Butylbenzene	13.207	119	25446	3.434	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	29458	3.400	ug/l	98
85) sec-Butylbenzene	13.383	105	38831	3.452	ug/l	99
86) p-Isopropyltoluene	13.499	119	31613	3.337	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	19261	3.902	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	19181	3.915	ug/l	91
89) n-Butylbenzene	13.822	91	32012	3.528	ug/l	97
90) Hexachloroethane	14.091	117	6704	3.703	ug/l	98
91) 1,2-Dichlorobenzene	13.871	146	16989	3.963	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	1282	4.240	ug/l	97
93) 1,2,4-Trichlorobenzene	15.127	180	10233	3.915	ug/l	99
94) Hexachlorobutadiene	15.237	225	6315	4.068	ug/l	95
95) Naphthalene	15.365	128	16591	3.669	ug/l	98
96) 1,2,3-Trichlorobenzene	15.554	180	9288	4.054	ug/l	97

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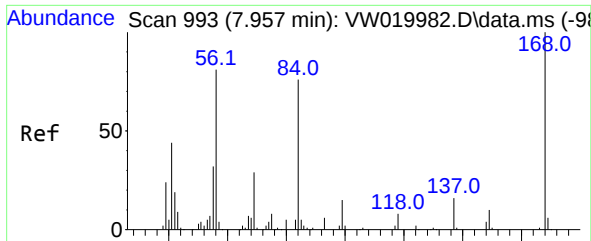
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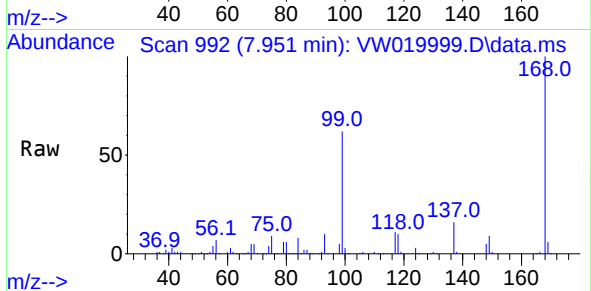
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019999.D
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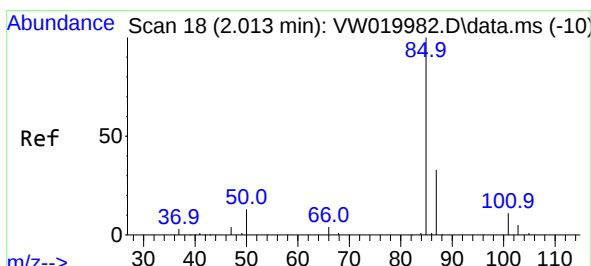
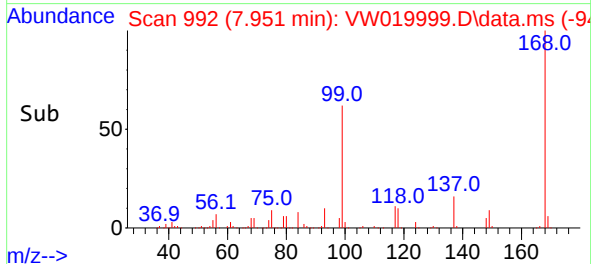
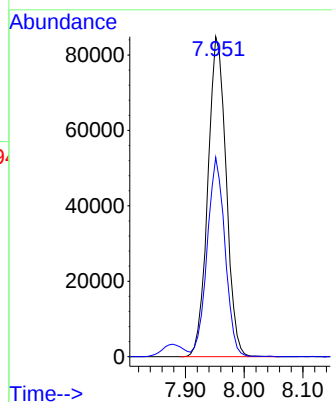
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion:168 Resp: 183686
Ion Ratio Lower Upper
168 100
99 62.2 42.9 64.3

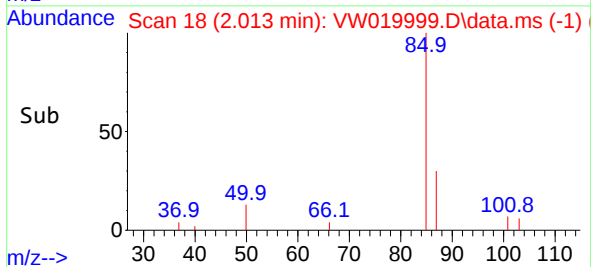
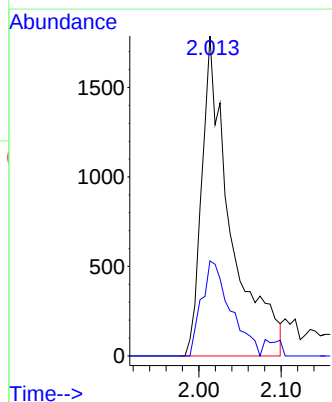
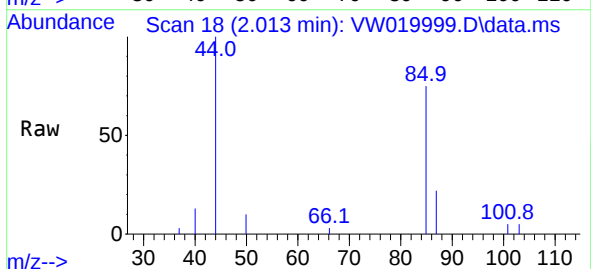
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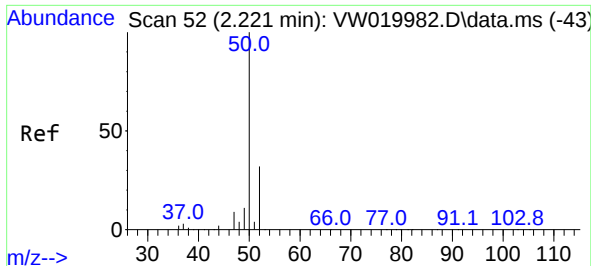
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#2
Dichlorodifluoromethane
Concen: 3.887 ug/l
RT: 2.013 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

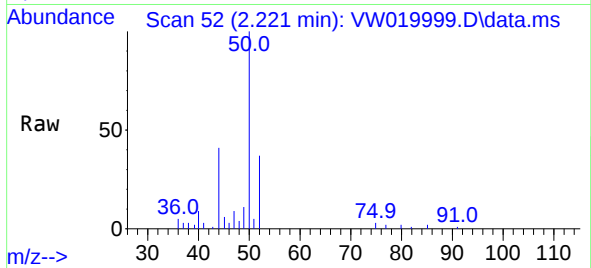
Tgt Ion: 85 Resp: 4336
Ion Ratio Lower Upper
85 100
87 29.7 16.7 50.0





#3
Chloromethane
Concen: 4.782 ug/l
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

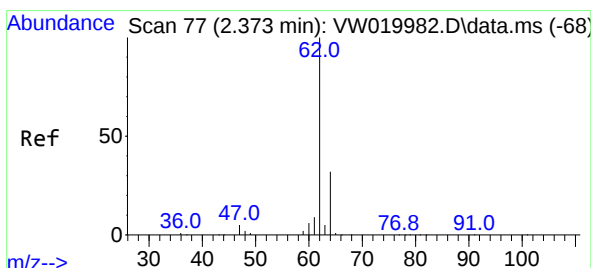
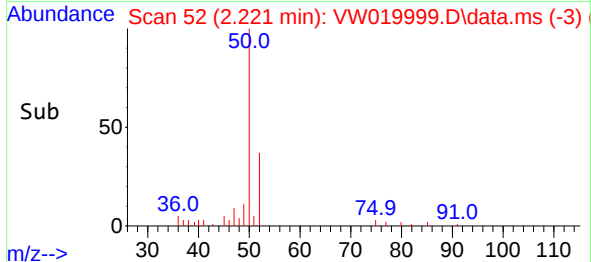
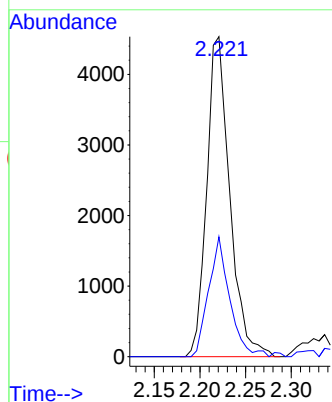
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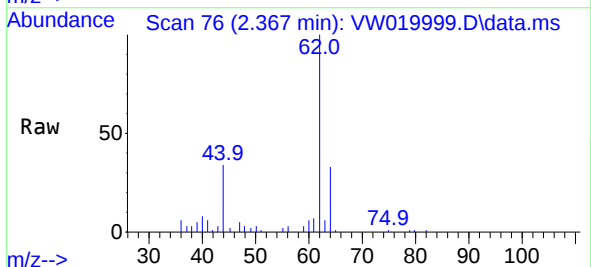
Tgt Ion: 50 Resp: 7941
Ion Ratio Lower Upper
50 100
52 37.5 25.5 38.3

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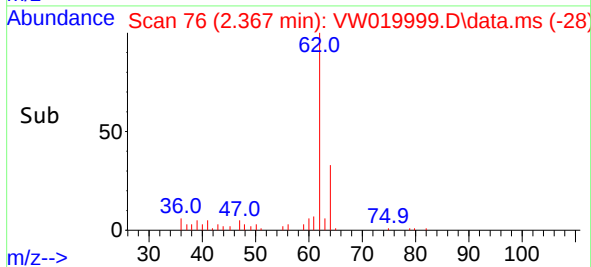
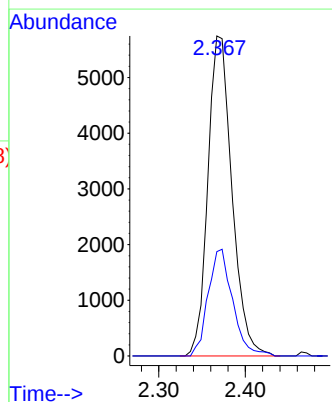
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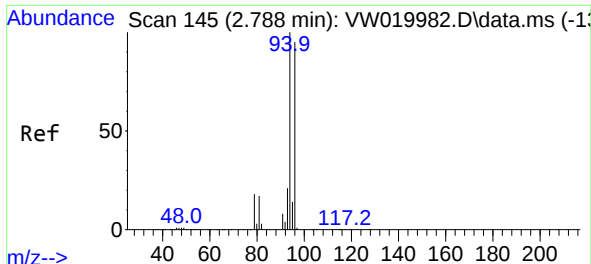


#4
Vinyl Chloride
Concen: 4.128 ug/l
RT: 2.367 min Scan# 76
Delta R.T. -0.006 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



Tgt Ion: 62 Resp: 11114
Ion Ratio Lower Upper
62 100
64 32.6 25.3 37.9





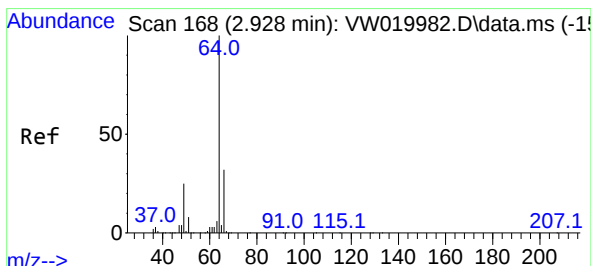
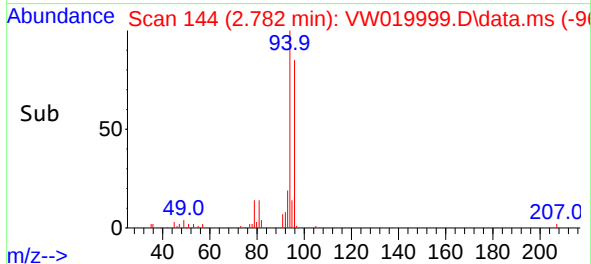
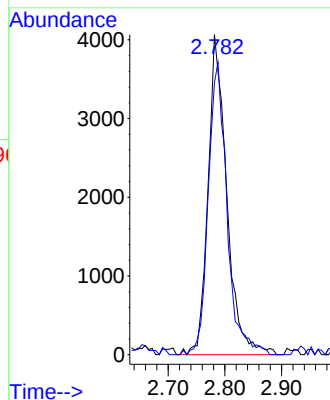
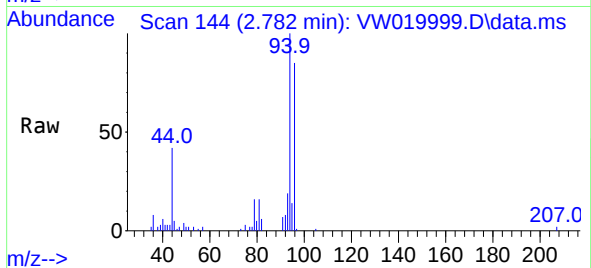
#5
Bromomethane
Concen: 4.277 ug/l
RT: 2.782 min Scan# 144
Delta R.T. -0.006 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 94 Resp: 9335
Ion Ratio Lower Upper
94 100
96 84.9 75.7 113.5

Instrument :
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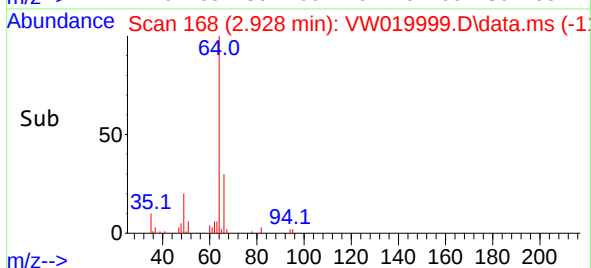
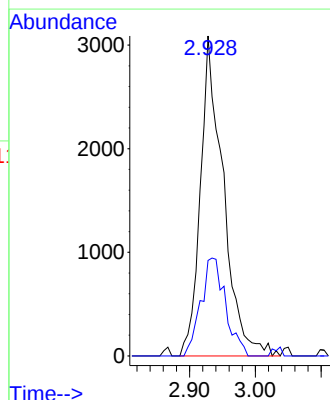
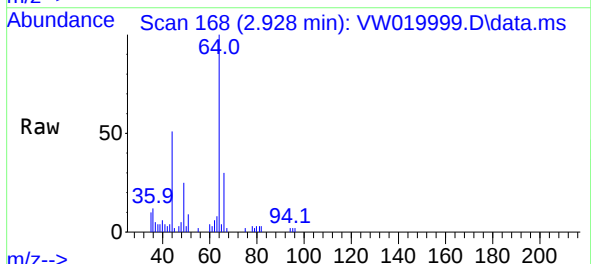
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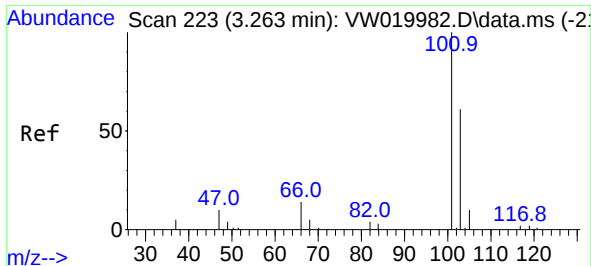
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#6
Chloroethane
Concen: 4.038 ug/l
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 64 Resp: 7490
Ion Ratio Lower Upper
64 100
66 29.8 25.4 38.2





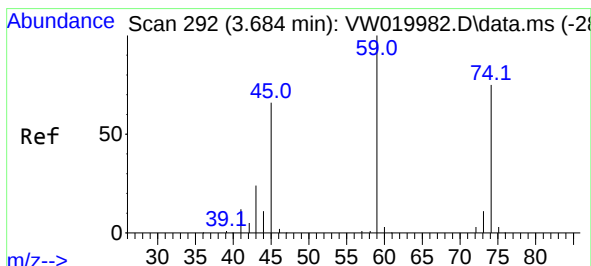
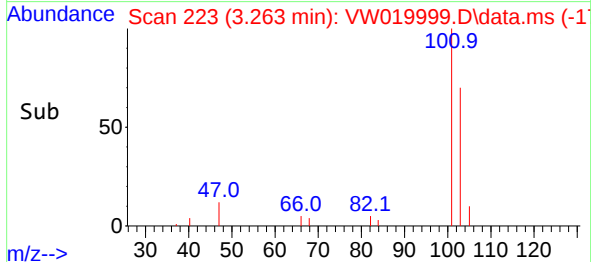
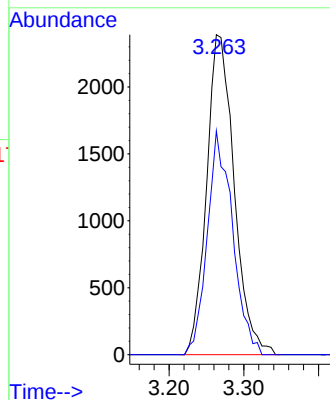
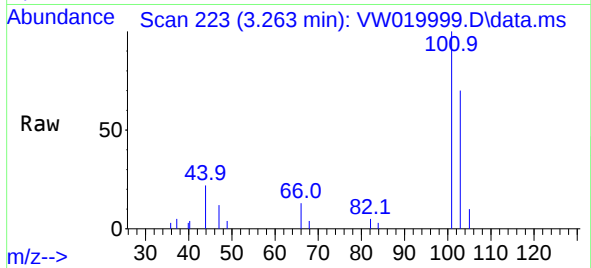
#7
 Trichlorofluoromethane
 Concen: 3.986 ug/l
 RT: 3.263 min Scan# 223
 Delta R.T. 0.000 min
 Lab File: VW019999.D
 Acq: 08 Sep 2021 13:47

Tgt Ion: 101 Resp: 6140
 Ion Ratio Lower Upper
 101 100
 103 69.9 48.8 73.2

Instrument :
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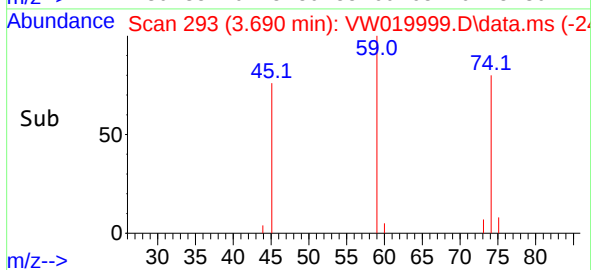
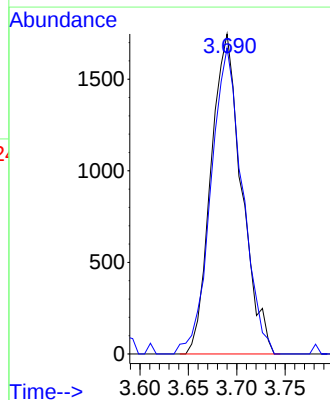
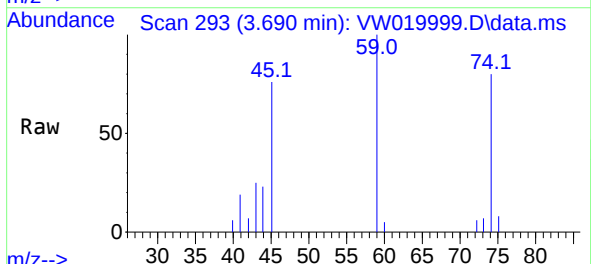
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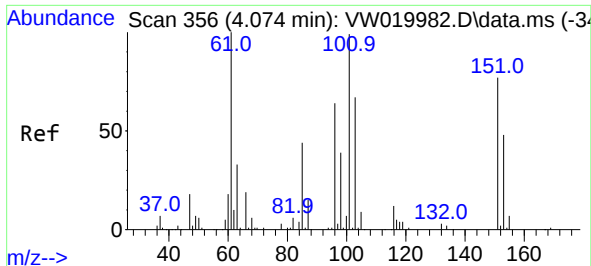
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#8
 Diethyl Ether
 Concen: 4.085 ug/l
 RT: 3.690 min Scan# 293
 Delta R.T. 0.006 min
 Lab File: VW019999.D
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Tgt Ion: 74 Resp: 3853
 Ion Ratio Lower Upper
 74 100
 45 98.3 44.5 133.7





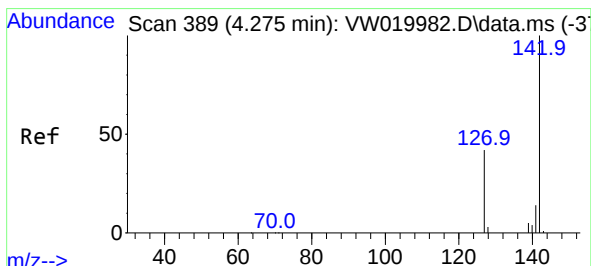
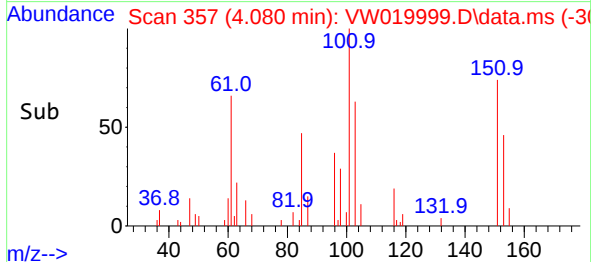
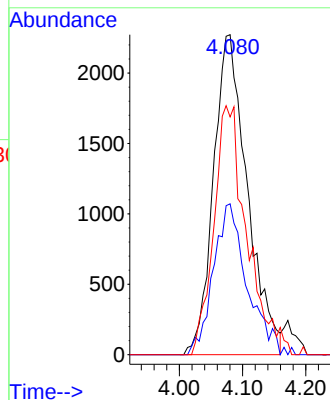
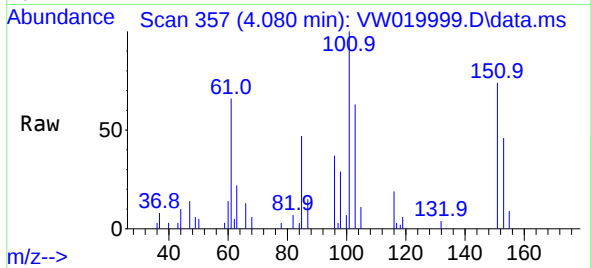
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.188 ug/l
RT: 4.080 min Scan# 357
Delta R.T. 0.006 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Tgt Ion:101 Resp: 8424
Ion Ratio Lower Upper
101 100
85 47.3 36.6 54.8
151 76.2 59.9 89.9

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

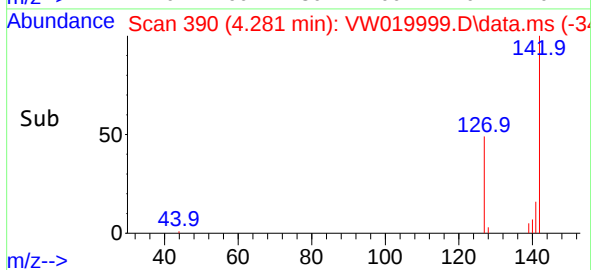
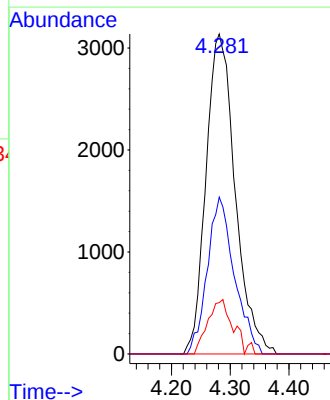
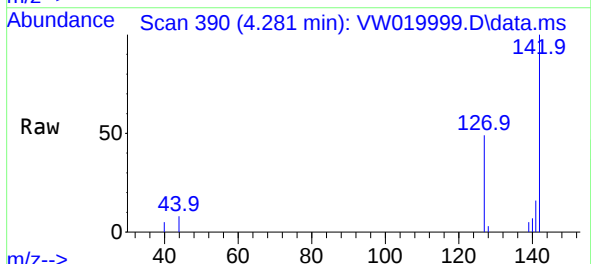
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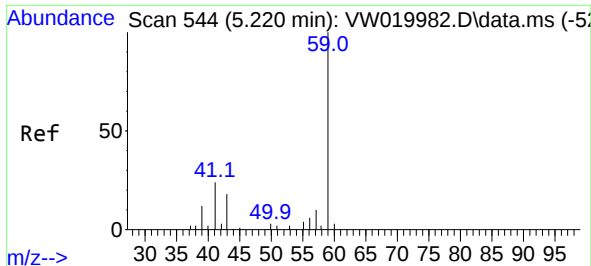
MMDadoda
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#10
Methyl Iodide
Concen: 3.926 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

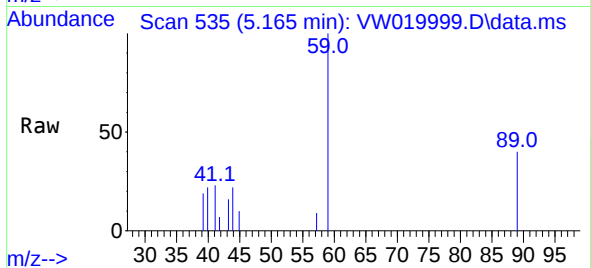
Tgt Ion:142 Resp: 10814
Ion Ratio Lower Upper
142 100
127 45.4 36.4 54.6
141 14.9 11.8 17.8





#11
Tert butyl alcohol
Concen: 37.975 ug/l m
RT: 5.165 min Scan# 535
Delta R.T. -0.055 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

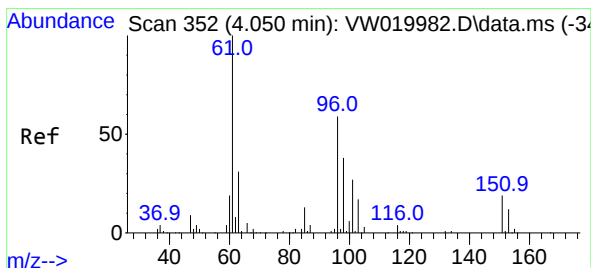
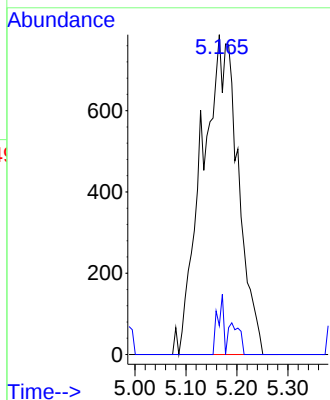
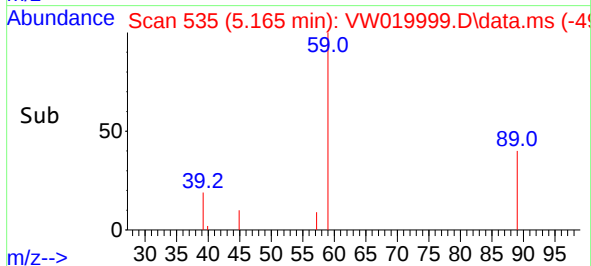
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



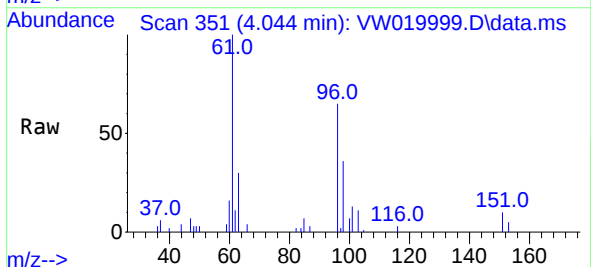
Tgt Ion: 59 Resp: 3876
Ion Ratio Lower Upper
59 100
57 3.1 8.4 12.6#

Manual Integrations
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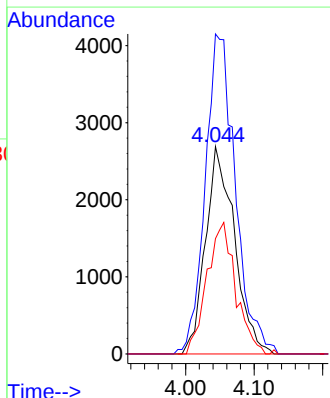
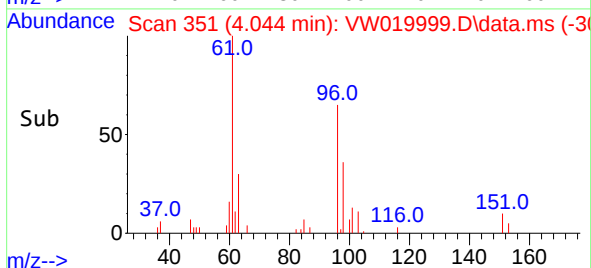
MMDadoda
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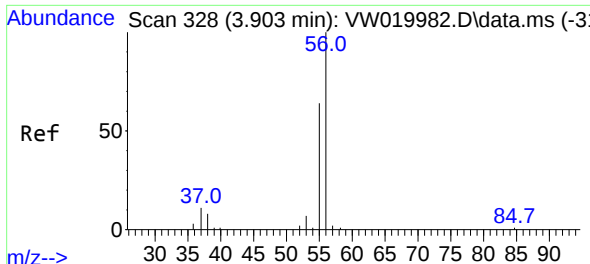


#12
1,1-Dichloroethene
Concen: 4.166 ug/l
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



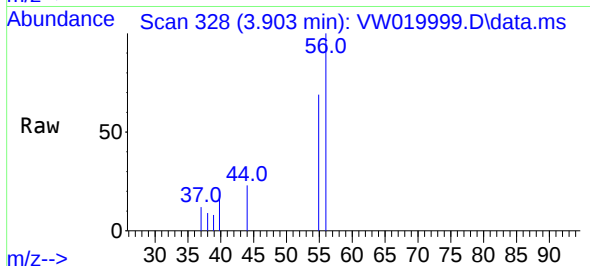
Tgt Ion: 96 Resp: 7895
Ion Ratio Lower Upper
96 100
61 154.4 136.0 204.0
98 55.6 51.5 77.3



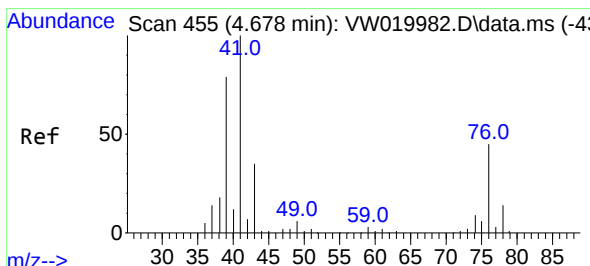
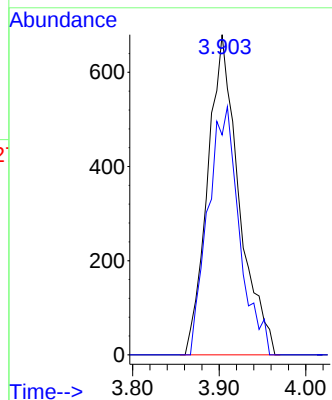
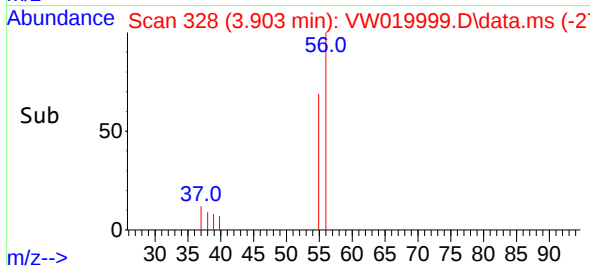


#13
Acrolein
Concen: 21.974 ug/l
RT: 3.903 min Scan# 328
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

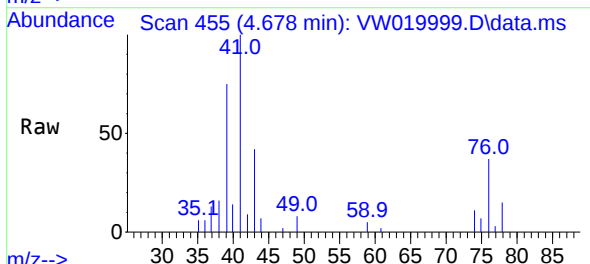
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



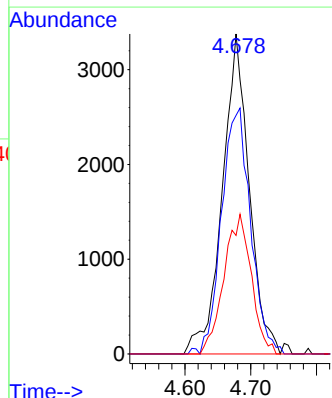
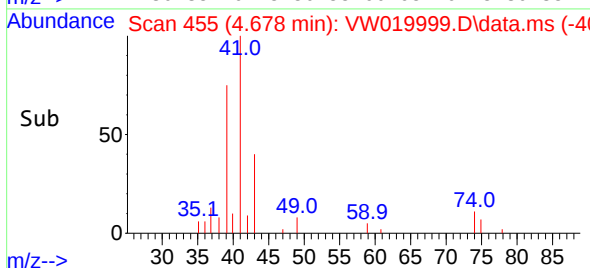
Tgt Ion: 56 Resp: 1709
Ion Ratio Lower Upper
56 100
55 77.7 56.2 84.2

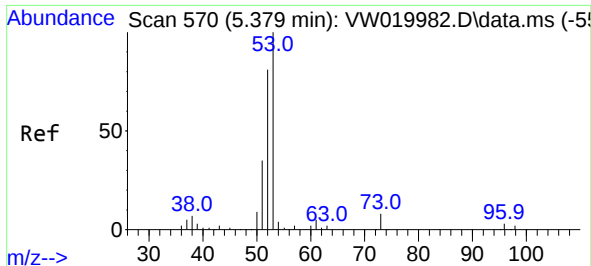


#14
Allyl chloride
Concen: 3.716 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



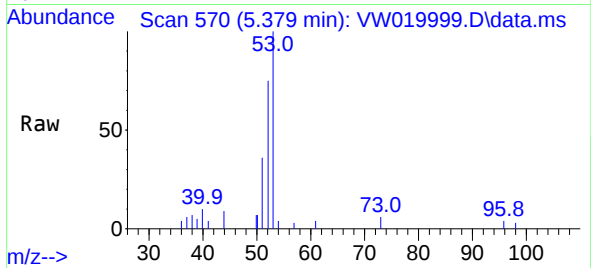
Tgt Ion: 41 Resp: 9580
Ion Ratio Lower Upper
41 100
39 83.2 62.5 93.7
76 44.5 33.8 50.8





#15
Acrylonitrile
Concen: 21.316 ug/l
RT: 5.379 min Scan# 570
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

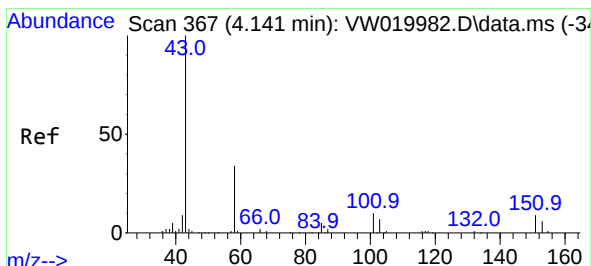
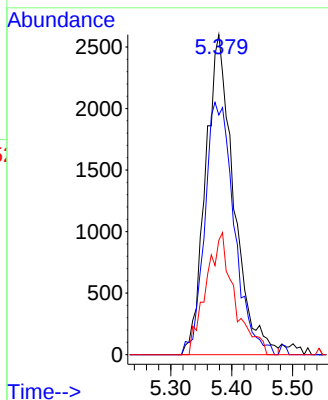
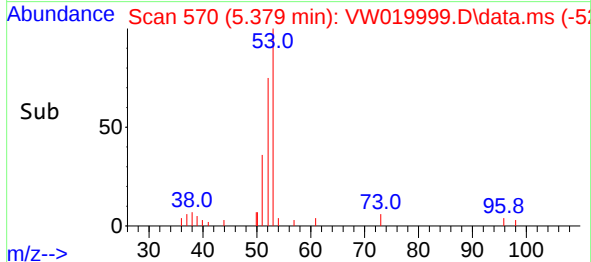
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



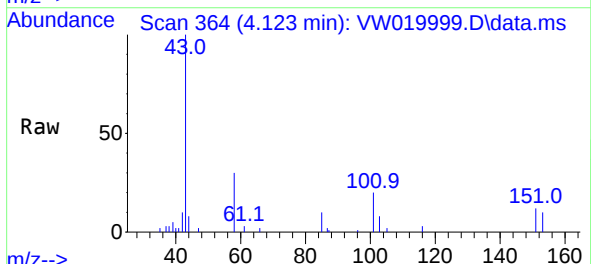
Tgt Ion:	53	Resp:	8379
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.9	98.9
51	38.4	29.8	44.8

Manual Integrations
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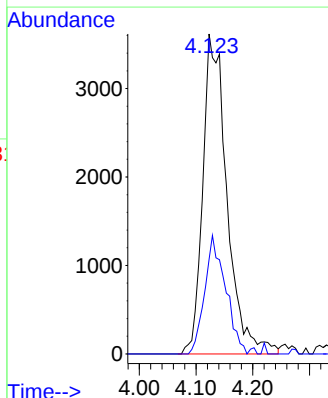
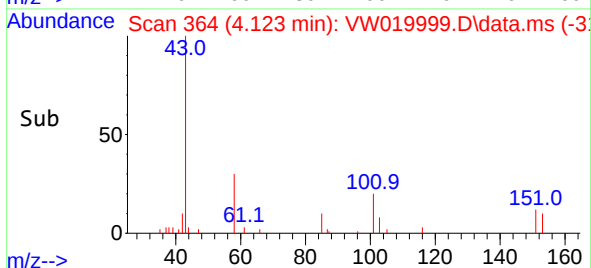
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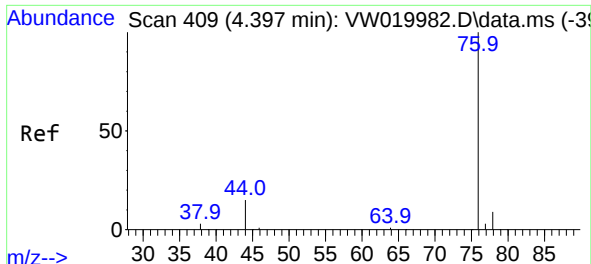


#16
Acetone
Concen: 31.212 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.018 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



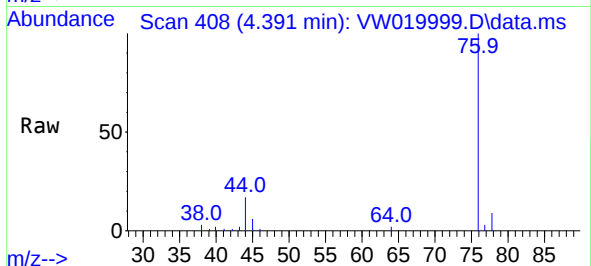
Tgt Ion:	43	Resp:	10690
Ion	Ratio	Lower	Upper
43	100		
58	29.5	27.2	40.8





#17
Carbon Disulfide
Concen: 3.946 ug/l
RT: 4.391 min Scan# 408
Delta R.T. -0.006 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

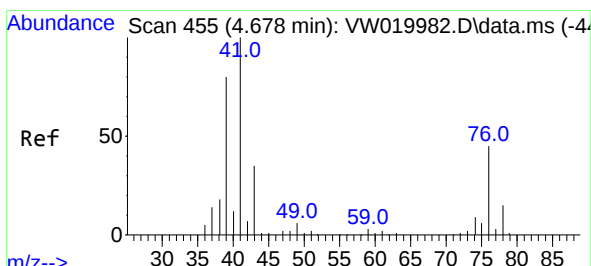
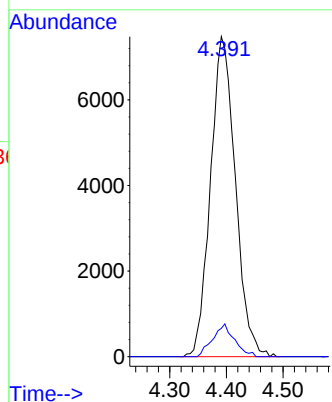
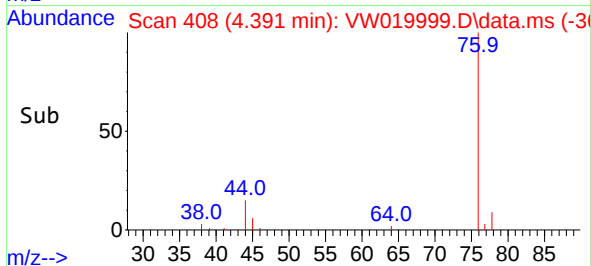
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



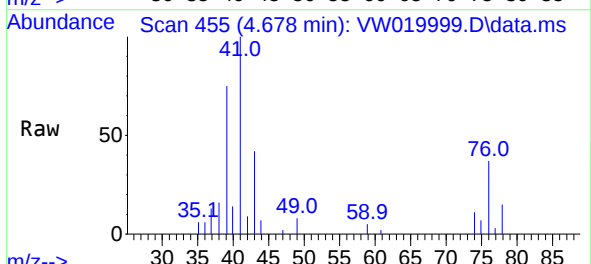
Tgt Ion: 76 Resp: 22761
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

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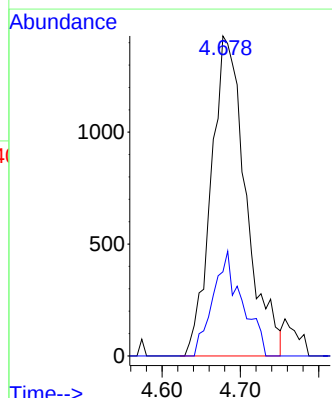
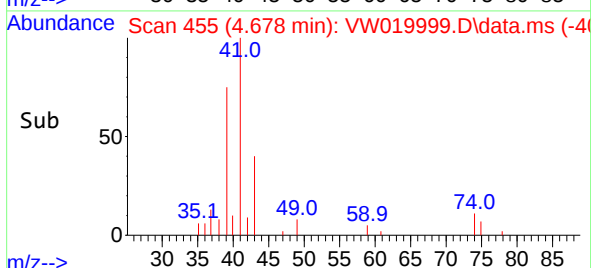
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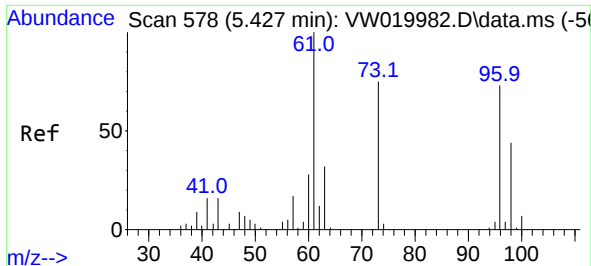


#18
Methyl Acetate
Concen: 4.525 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

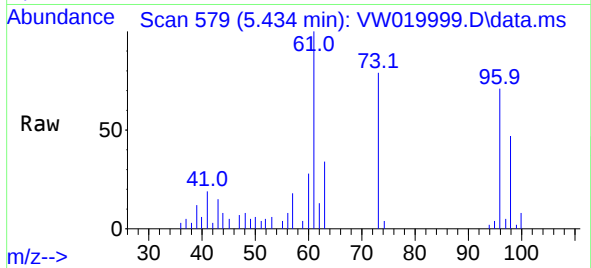


Tgt Ion: 43 Resp: 4400
Ion Ratio Lower Upper
43 100
74 27.4 21.0 31.6

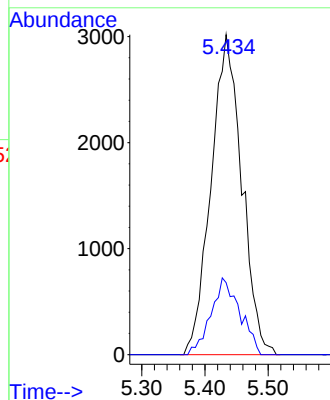




#19
Methyl tert-butyl Ether
Concen: 4.071 ug/l
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



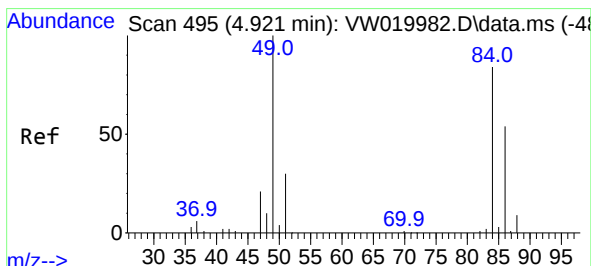
Tgt Ion: 73 Resp: 10181
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5



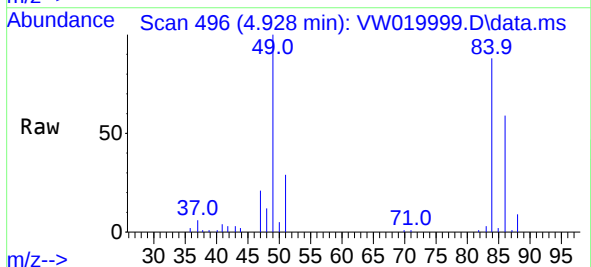
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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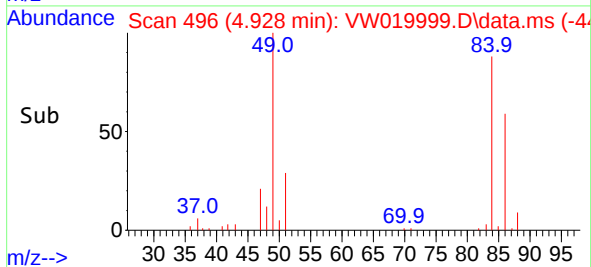
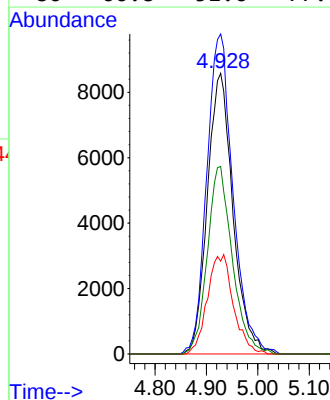
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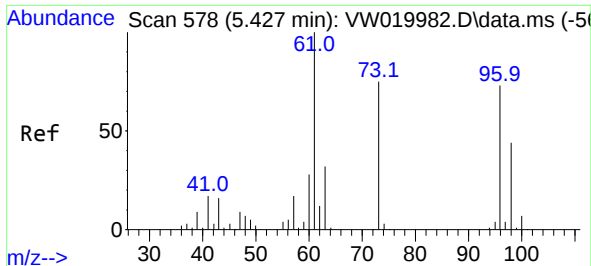


#20
Methylene Chloride
Concen: 11.531 ug/l
RT: 4.928 min Scan# 496
Delta R.T. 0.007 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

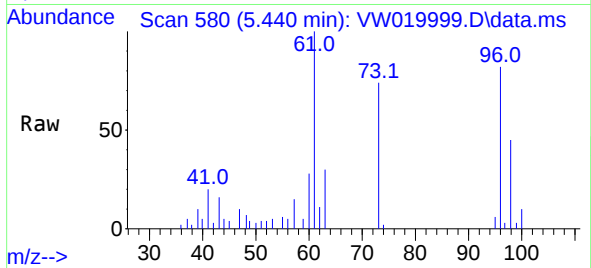


Tgt Ion: 84 Resp: 29697
Ion Ratio Lower Upper
84 100
49 114.0 95.4 143.0
51 33.0 28.9 43.3
86 66.8 51.6 77.4



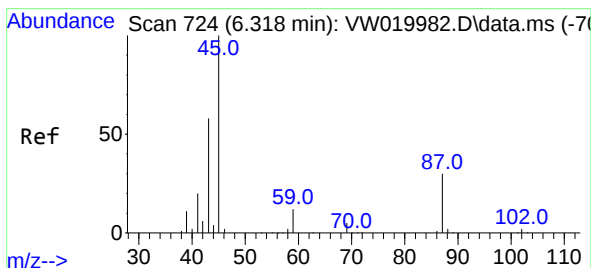
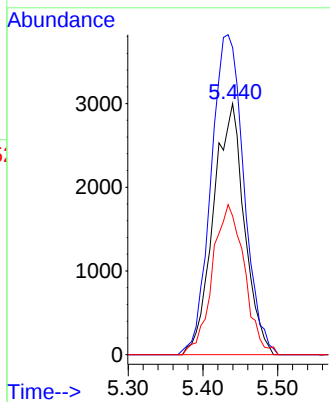
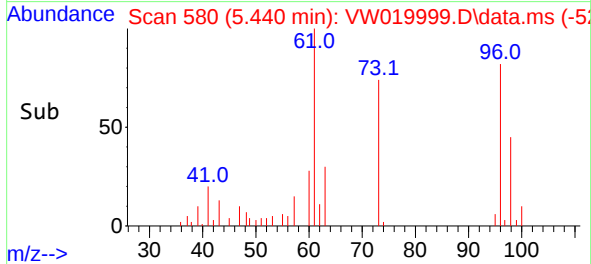


#21
trans-1,2-Dichloroethene
Concen: 4.012 ug/l
RT: 5.440 min Scan# 580
Delta R.T. 0.012 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

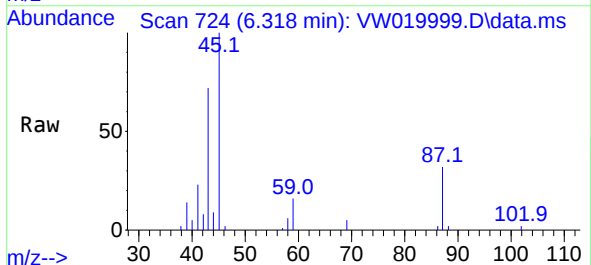


Tgt Ion: 96 Resp: 8637

Ion	Ratio	Lower	Upper
96	100		
61	122.4	109.3	163.9
98	55.2	48.3	72.5

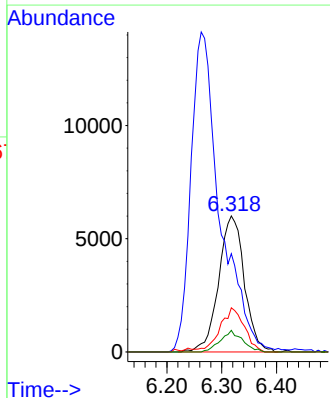
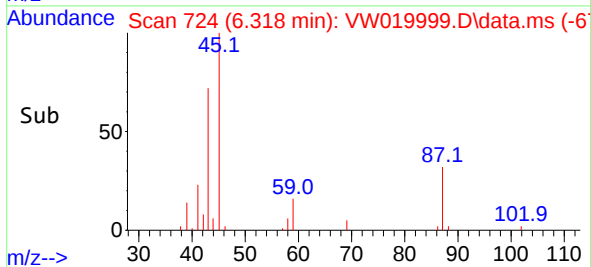


#22
Diisopropyl ether
Concen: 3.579 ug/l
RT: 6.318 min Scan# 724
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



Tgt Ion: 45 Resp: 19549

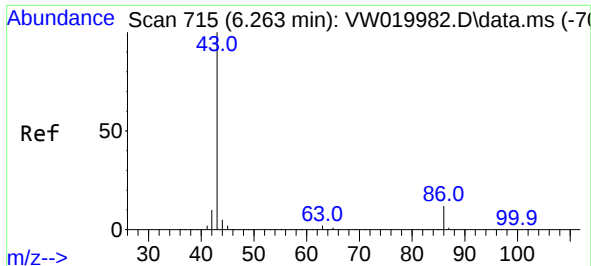
Ion	Ratio	Lower	Upper
45	100		
43	69.7	46.8	70.2
87	32.4	24.3	36.5
59	15.9	10.1	15.1



Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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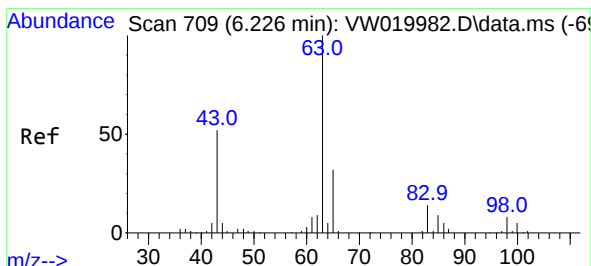
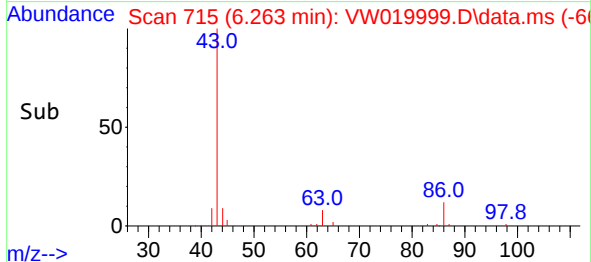
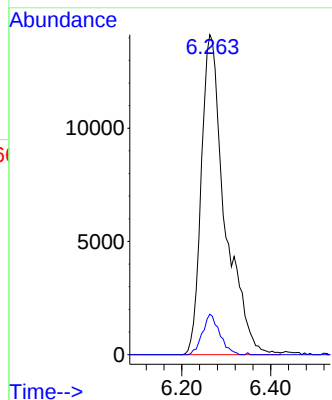
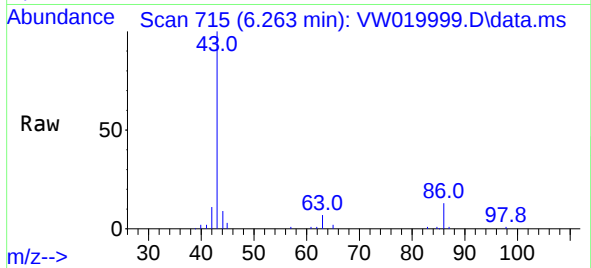
#23
 Vinyl Acetate
 Concen: 17.541 ug/l
 RT: 6.263 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW019999.D
 Acq: 08 Sep 2021 13:47

Tgt Ion: 43 Resp: 52269
 Ion Ratio Lower Upper
 43 100
 86 12.7 9.3 13.9

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

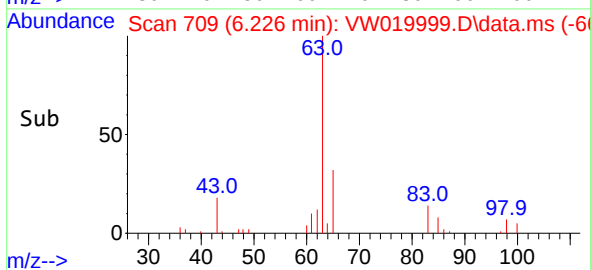
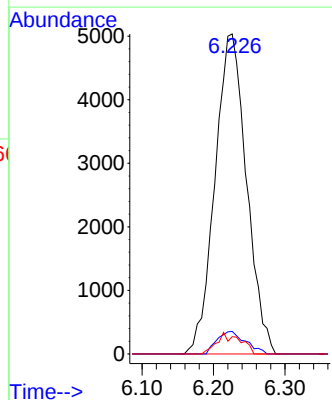
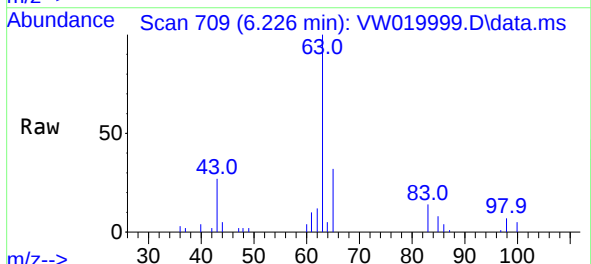
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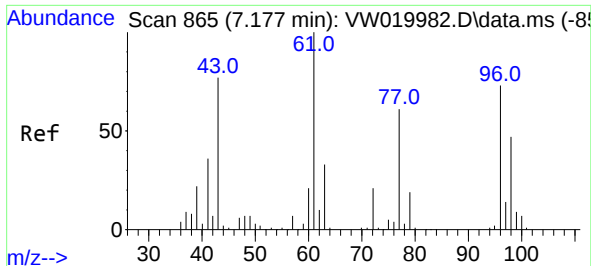
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#24
 1,1-Dichloroethane
 Concen: 3.992 ug/l
 RT: 6.226 min Scan# 709
 Delta R.T. 0.000 min
 Lab File: VW019999.D
 Acq: 08 Sep 2021 13:47

Tgt Ion: 63 Resp: 15441
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 5.4 2.5 7.4





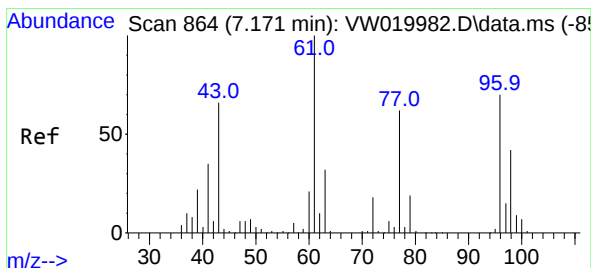
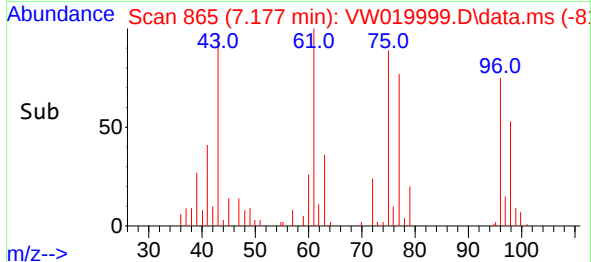
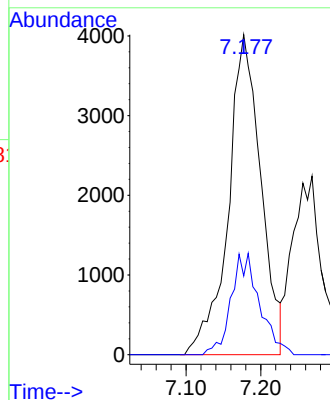
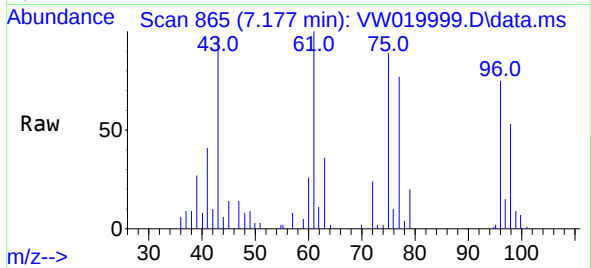
#25
2-Butanone
Concen: 24.740 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 43 Resp: 12148
Ion Ratio Lower Upper
43 100
72 24.6 21.9 32.9

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

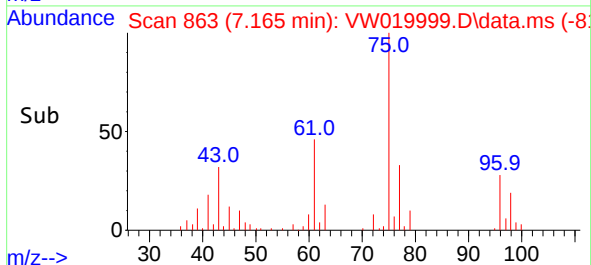
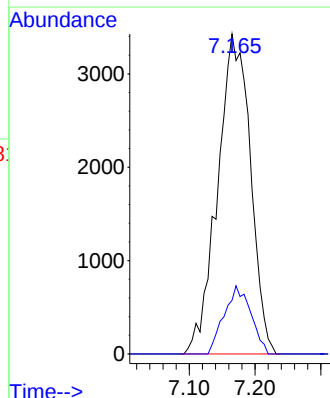
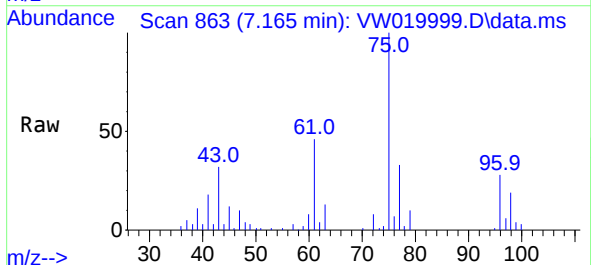
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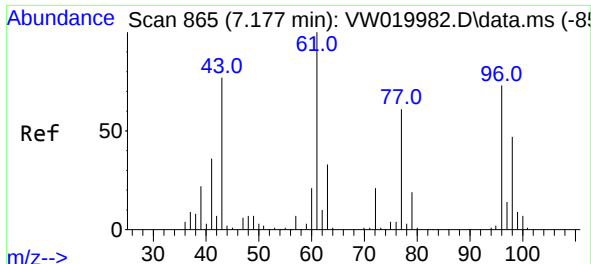
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#26
2,2-Dichloropropane
Concen: 5.092 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 77 Resp: 11909
Ion Ratio Lower Upper
77 100
97 17.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 3.907 ug/l

RT: 7.171 min Scan# 864

Delta R.T. -0.006 min

Lab File: VW019999.D

Acq: 08 Sep 2021 13:47

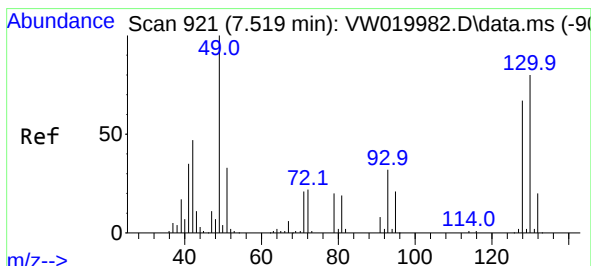
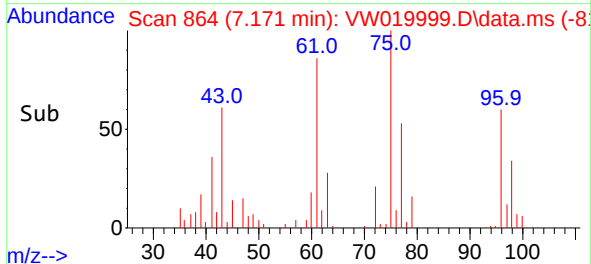
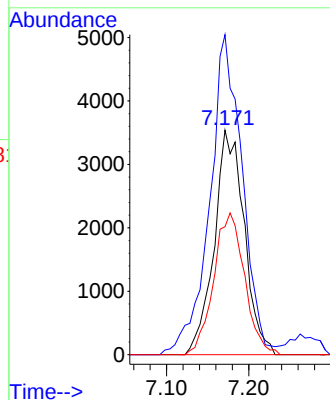
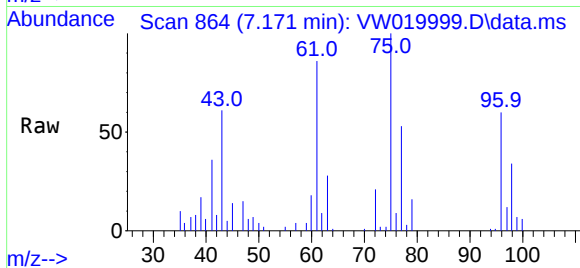
Tgt Ion: 96 Resp: 8981

Ion Ratio Lower Upper

96 100

61 154.3 0.0 282.6

98 64.9 0.0 127.6



#28

Bromochloromethane

Concen: 4.496 ug/l

RT: 7.519 min Scan# 921

Delta R.T. 0.000 min

Lab File: VW019999.D

Acq: 08 Sep 2021 13:47

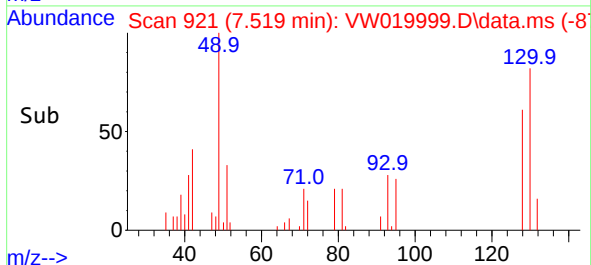
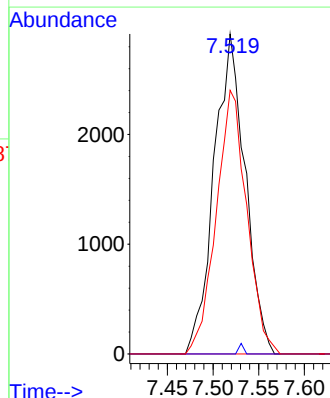
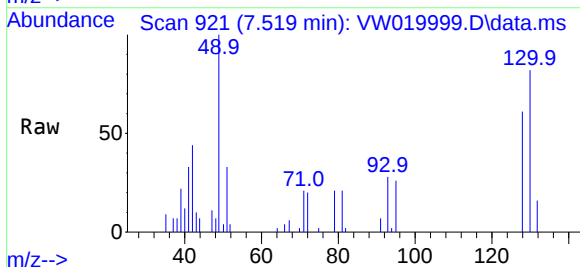
Tgt Ion: 49 Resp: 6903

Ion Ratio Lower Upper

49 100

129 0.5 0.0 3.2

130 80.9 62.6 93.8



Instrument :

MSVOA_W

ClientSampleId :

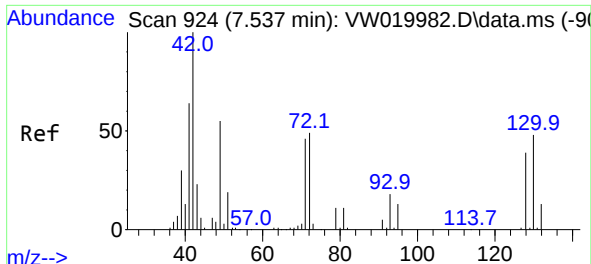
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#29

Tetrahydrofuran

Concen: 20.632 ug/l

RT: 7.537 min Scan# 924

Delta R.T. -0.000 min

Lab File: VW019999.D

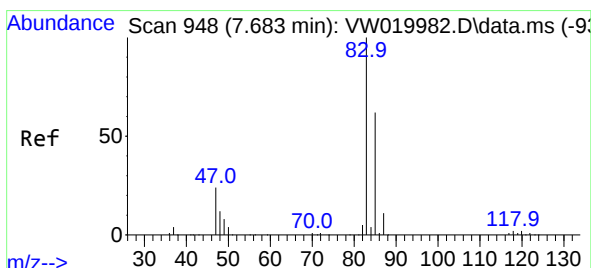
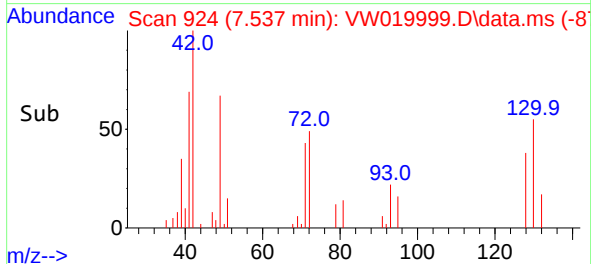
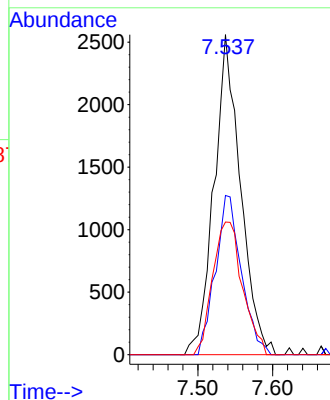
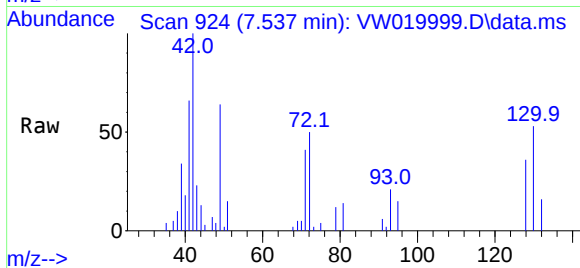
Acq: 08 Sep 2021 13:47

Tgt Ion:	42	Resp:	6303
Ion	Ratio	Lower	Upper
42	100		
72	48.8	38.4	57.6
71	46.8	35.4	53.2

Instrument :
MSVOA_W
ClientSampleId :
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#30

Chloroform

Concen: 4.084 ug/l

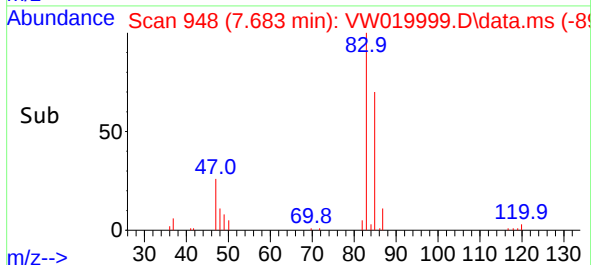
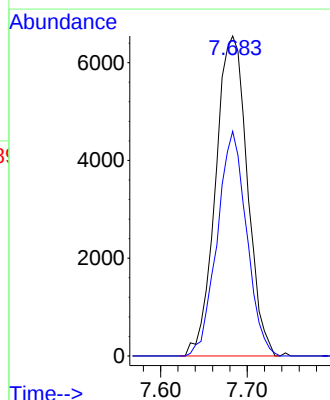
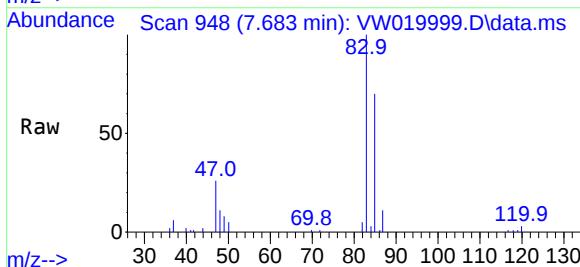
RT: 7.683 min Scan# 948

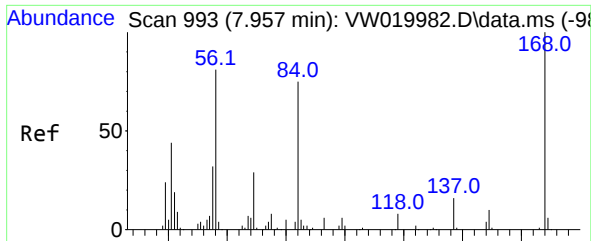
Delta R.T. 0.000 min

Lab File: VW019999.D

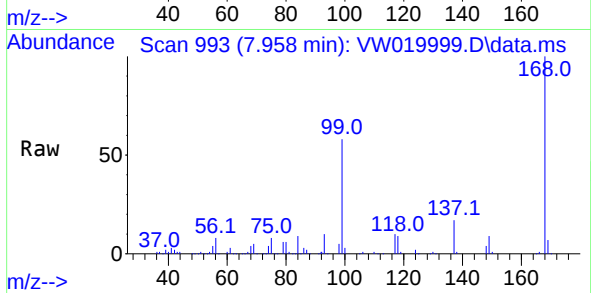
Acq: 08 Sep 2021 13:47

Tgt Ion:	83	Resp:	16645
Ion	Ratio	Lower	Upper
83	100		
85	70.2	49.8	74.8

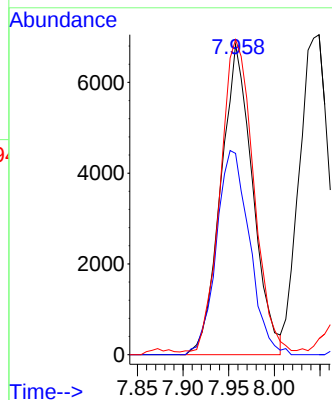
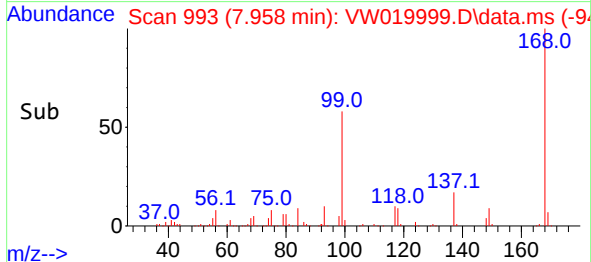




#31
Cyclohexane
Concen: 4.760 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



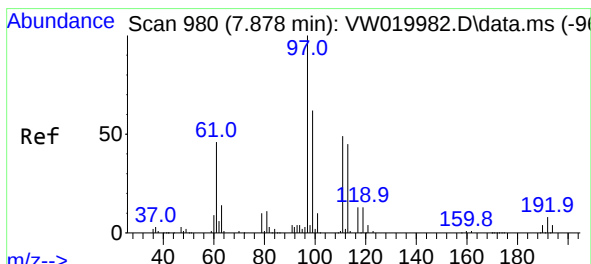
Tgt Ion: 56 Resp: 16547
Ion Ratio Lower Upper
56 100
69 64.9 28.6 42.8#
84 100.7 74.5 111.7



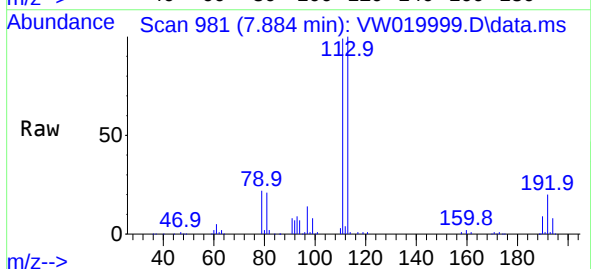
Instrument :
MSVOA_W
ClientSampleId :
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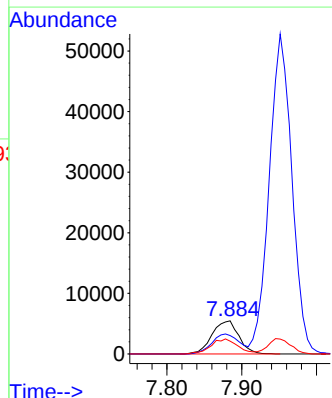
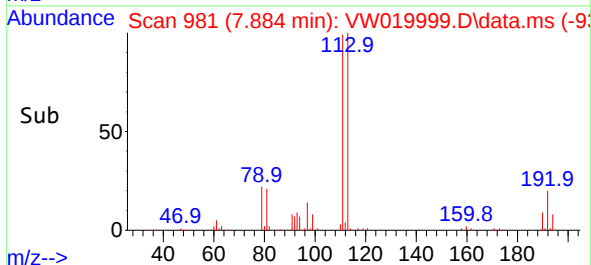
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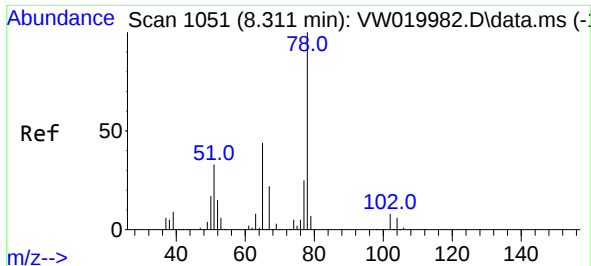


#32
1,1,1-Trichloroethane
Concen: 4.116 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.006 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



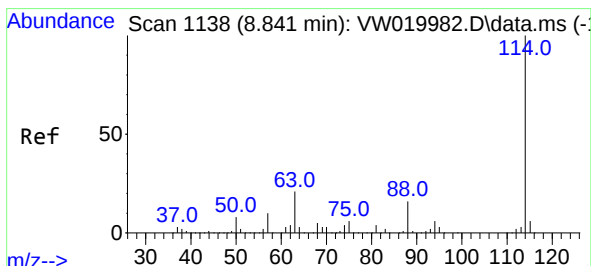
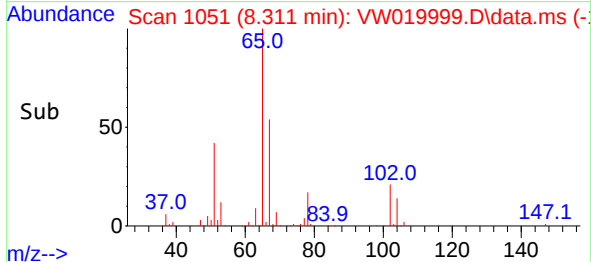
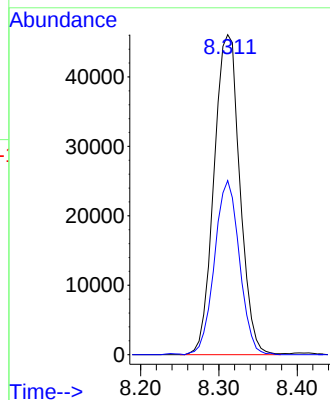
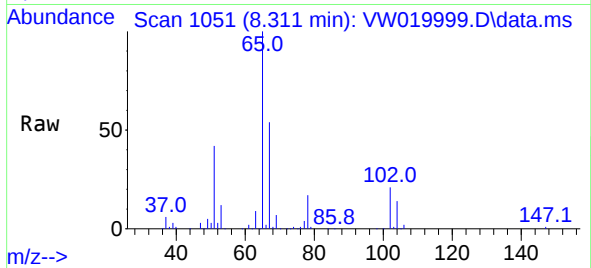
Tgt Ion: 97 Resp: 13576
Ion Ratio Lower Upper
97 100
99 62.7 50.9 76.3
61 45.2 36.1 54.1





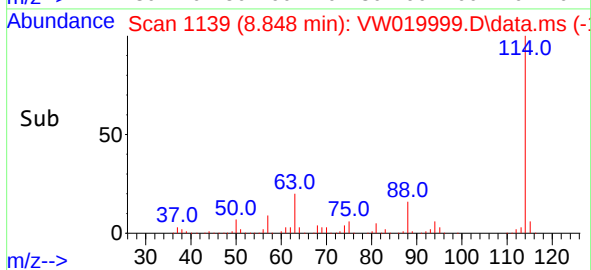
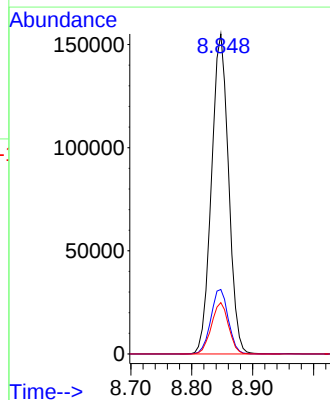
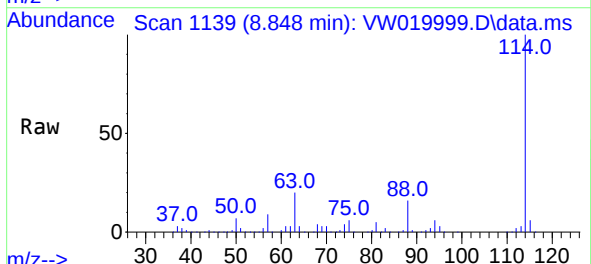
#33
1,2-Dichloroethane-d4
Concen: 49.563 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 65 Resp: 105687
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.007 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

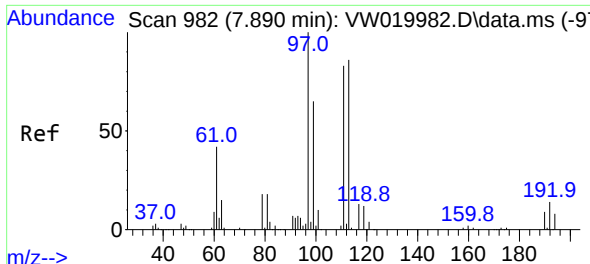
Tgt Ion: 114 Resp: 301839
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.6
88 16.1 0.0 31.8



Instrument :
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ClientSampleId :
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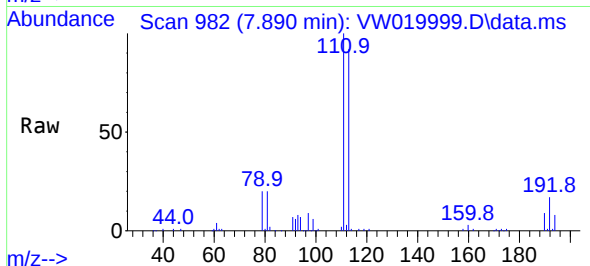
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#35
Dibromofluoromethane
Concen: 49.476 ug/l
RT: 7.890 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

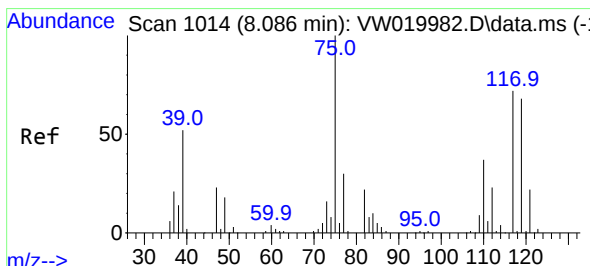
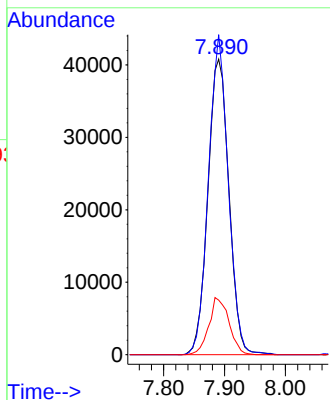
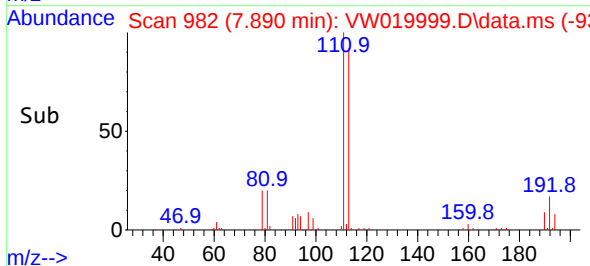
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



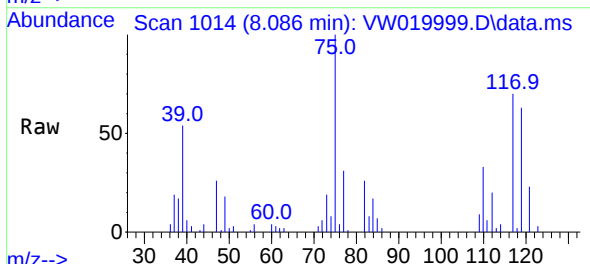
Tgt Ion: 113 Resp: 98071
Ion Ratio Lower Upper
113 100
111 101.7 81.6 122.4
192 18.5 14.6 22.0

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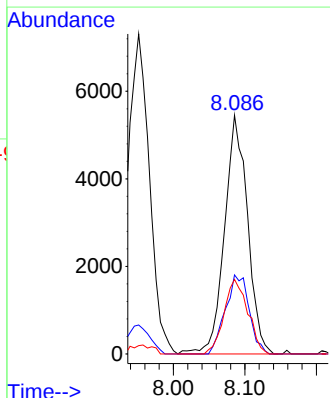
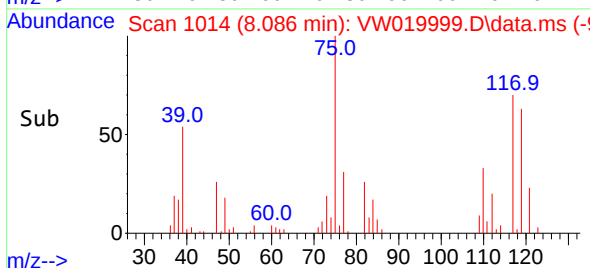
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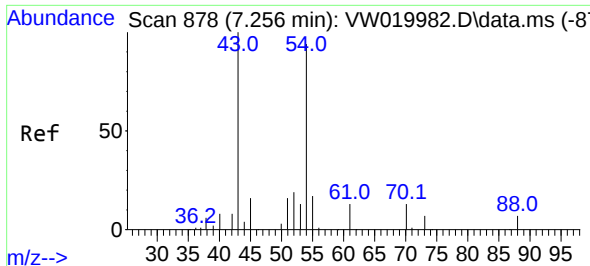


#36
1,1-Dichloropropene
Concen: 3.841 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



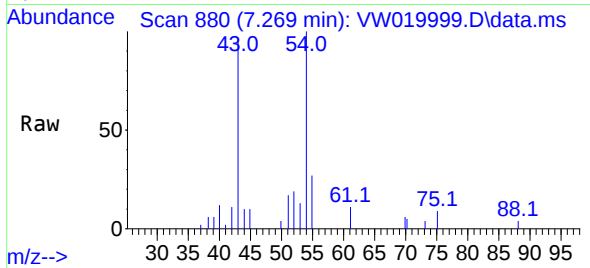
Tgt Ion: 75 Resp: 12196
Ion Ratio Lower Upper
75 100
110 34.1 17.4 52.3
77 32.3 24.8 37.2





#37
Ethyl Acetate
Concen: 5.459 ug/l
RT: 7.269 min Scan# 880
Delta R.T. 0.012 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

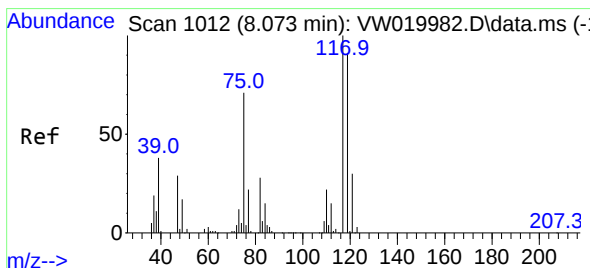
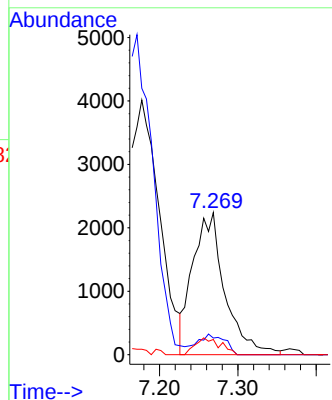


Tgt Ion: 43 Resp: 6373

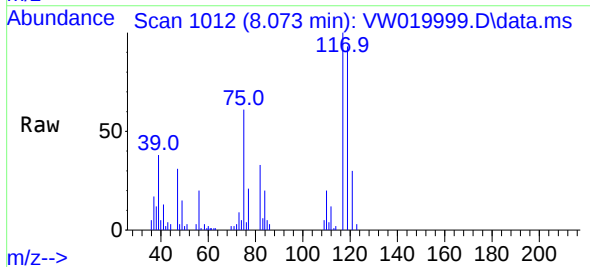
Ion	Ratio	Lower	Upper
43	100		
61	12.4	11.7	17.5
70	9.2	9.3	13.9#

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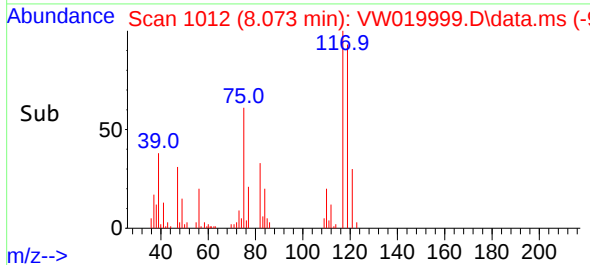
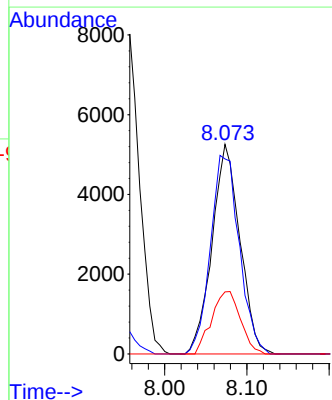


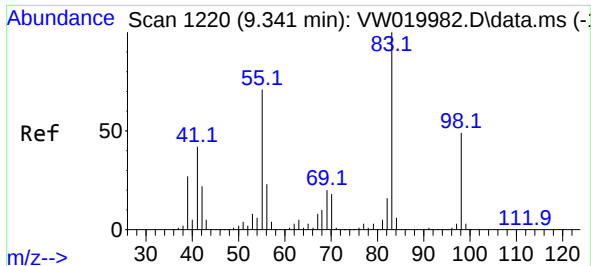
#38
Carbon Tetrachloride
Concen: 3.825 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



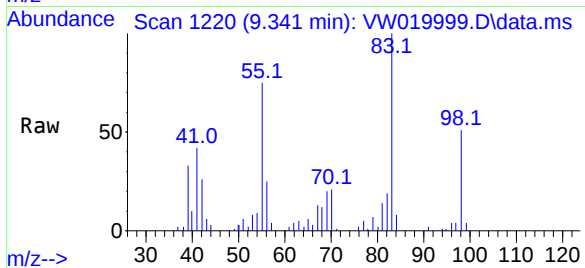
Tgt Ion: 117 Resp: 12384

Ion	Ratio	Lower	Upper
117	100		
119	93.1	73.0	109.4
121	29.6	23.9	35.9



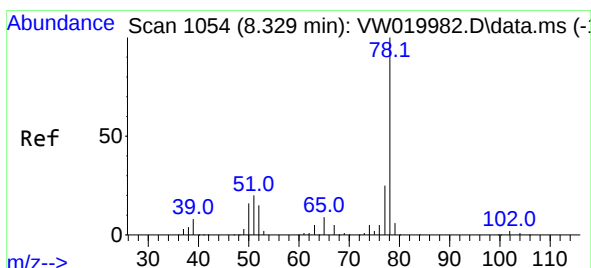
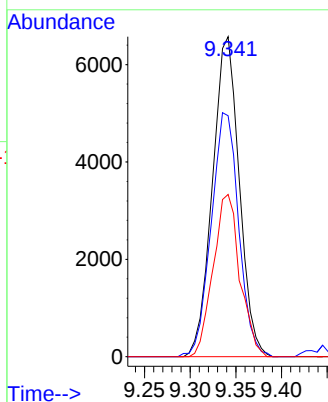
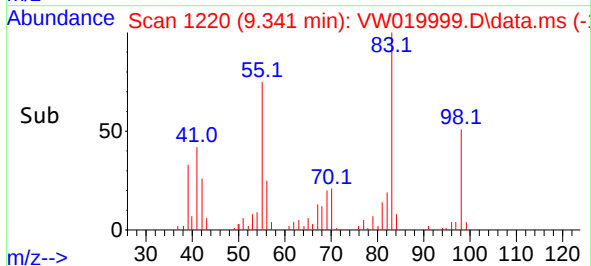


#39
Methylcyclohexane
Concen: 3.640 ug/l
RT: 9.341 min Scan# 1220
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

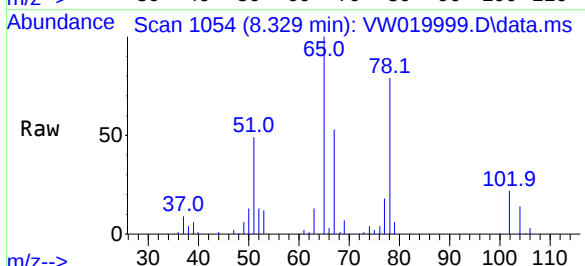


Tgt Ion: 83 Resp: 13393

Ion	Ratio	Lower	Upper
83	100		
55	75.3	56.9	85.3
98	50.7	39.0	58.4

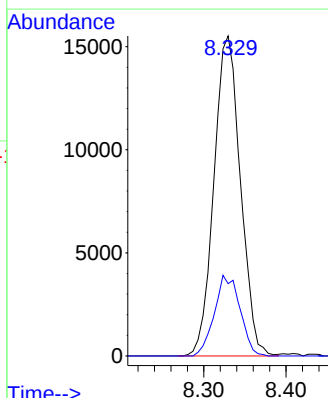
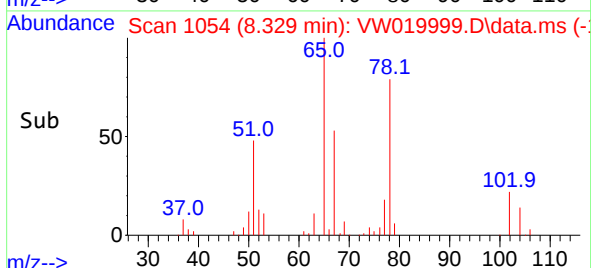


#40
Benzene
Concen: 3.972 ug/l
RT: 8.329 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



Tgt Ion: 78 Resp: 34746

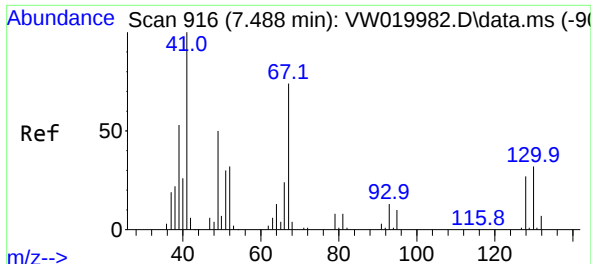
Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.7	29.5



Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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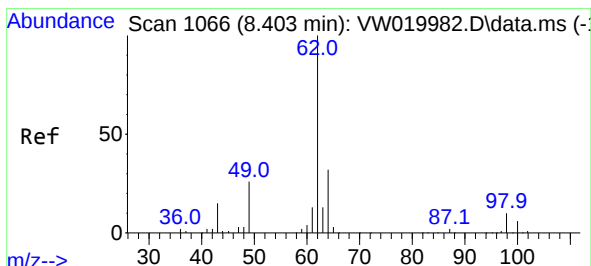
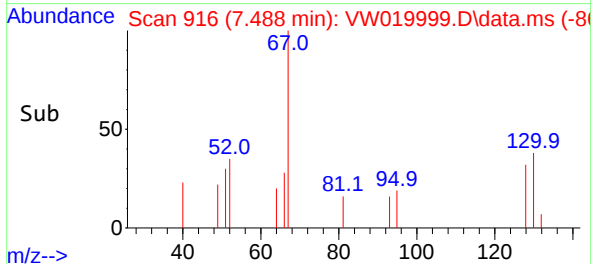
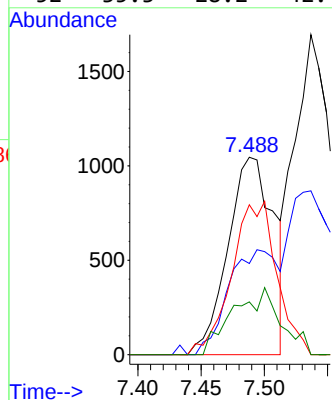
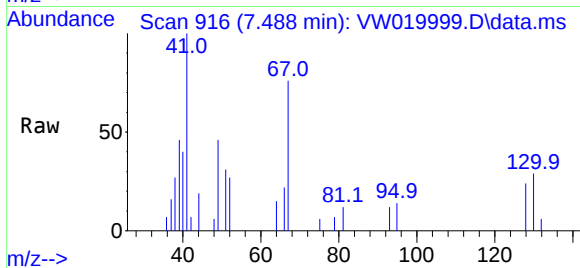
#41
Methacrylonitrile
Concen: 4.078 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Tgt Ion:	41	Resp:	2635
Ion	Ratio	Lower	Upper
41	100		
39	57.6	45.2	67.8
67	76.3	65.3	97.9
52	35.3	28.2	42.4

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

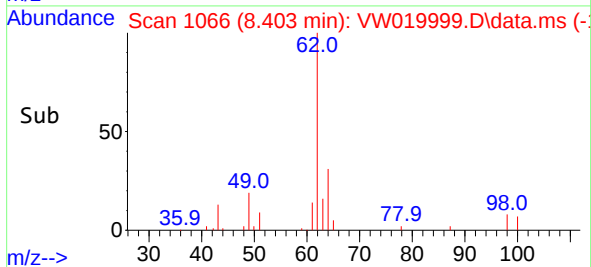
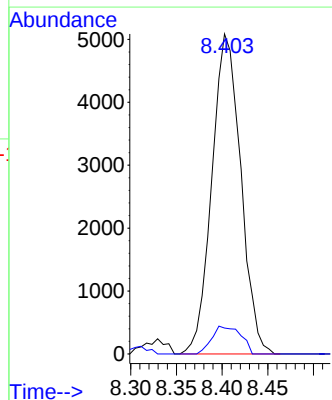
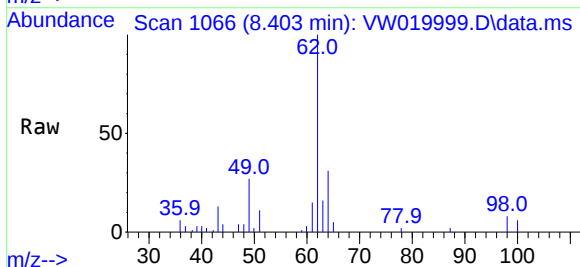
Manual Integrations
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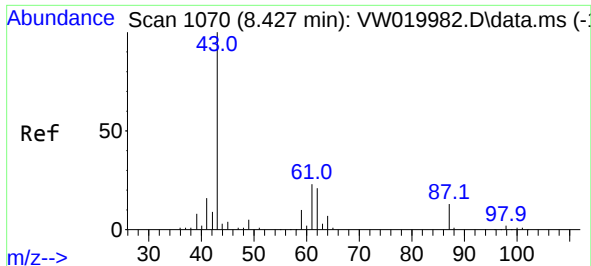
MMDadoda
9/10/2021 10:50:13 AM



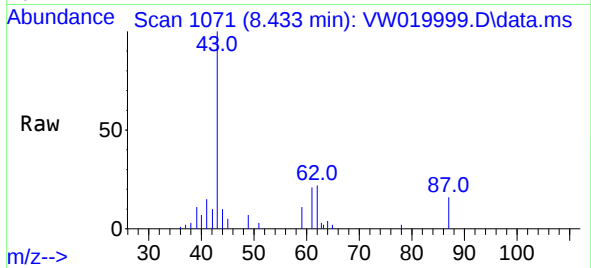
#42
1,2-Dichloroethane
Concen: 4.164 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Tgt Ion:	62	Resp:	11184
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.6

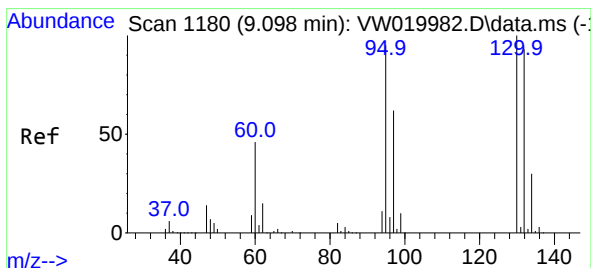
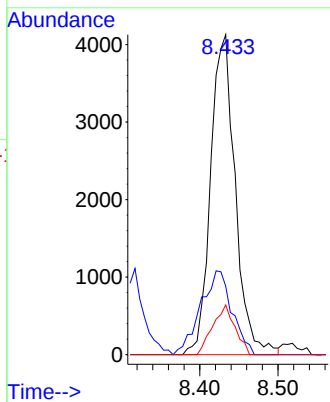
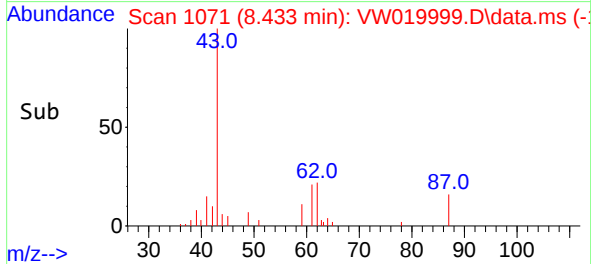




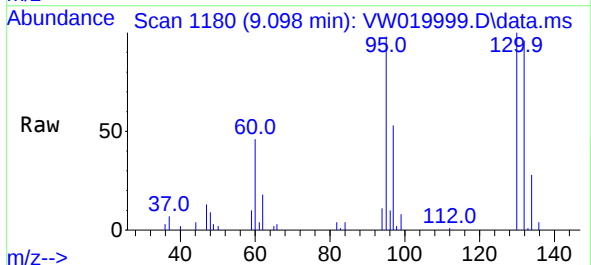
#43
Isopropyl Acetate
Concen: 4.076 ug/l
RT: 8.433 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



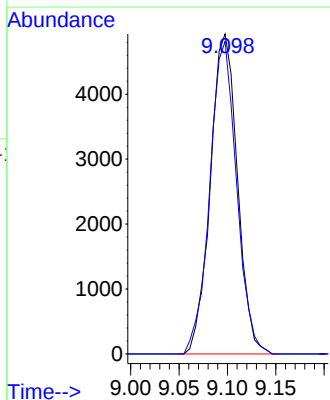
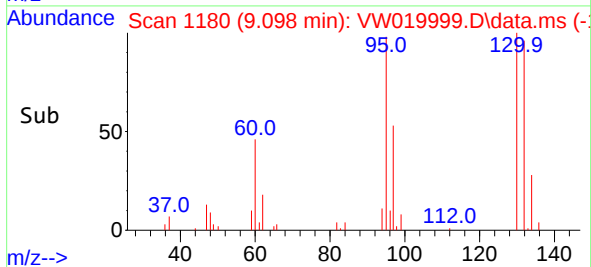
Tgt Ion:	43	Resp:	9030
Ion Ratio	Lower	Upper	
43	100		
61	33.4	26.6	39.8
87	14.0	11.0	16.6



#44
Trichloroethene
Concen: 4.168 ug/l
RT: 9.098 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



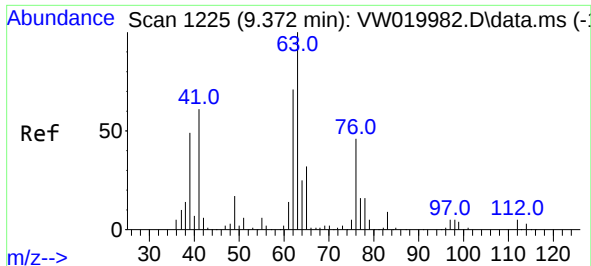
Tgt Ion:	130	Resp:	9566
Ion Ratio	Lower	Upper	
130	100		
95	97.6	0.0	190.0



Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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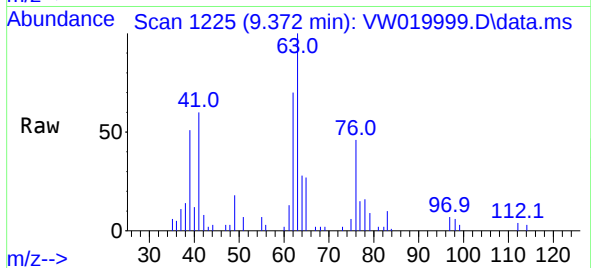
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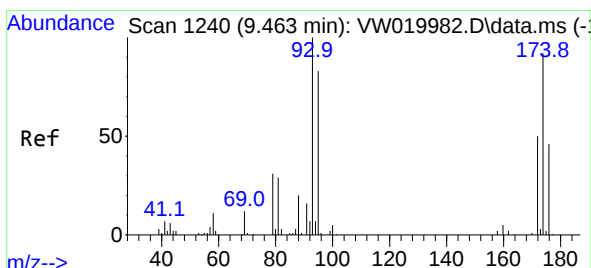
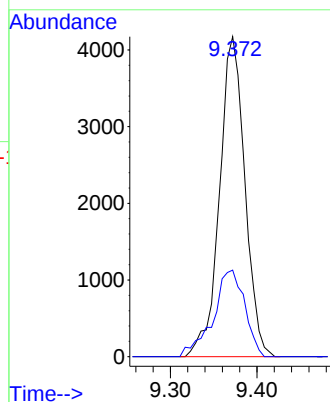
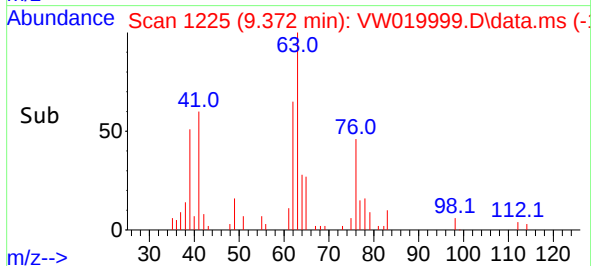
#45

1,2-Dichloropropane
Concen: 3.992 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

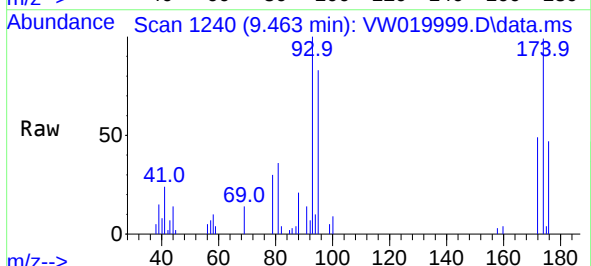


Tgt Ion: 63 Resp: 8491
Ion Ratio Lower Upper
63 100
65 27.1 25.5 38.3

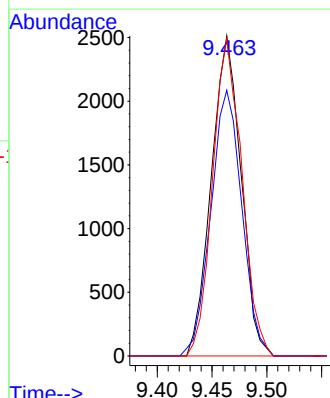
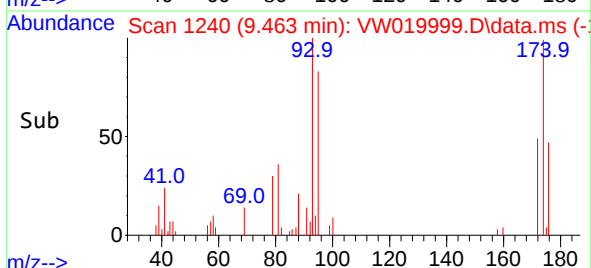


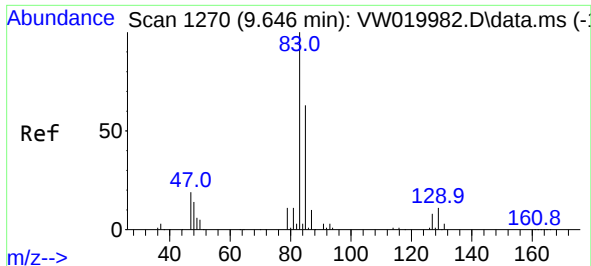
#46

Dibromomethane
Concen: 3.952 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



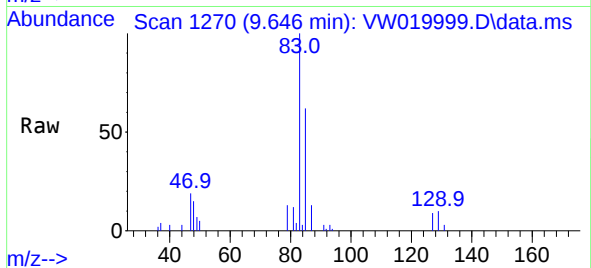
Tgt Ion: 93 Resp: 4741
Ion Ratio Lower Upper
93 100
95 86.6 65.2 97.8
174 97.3 75.8 113.6





#47
Bromodichloromethane
Concen: 3.870 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

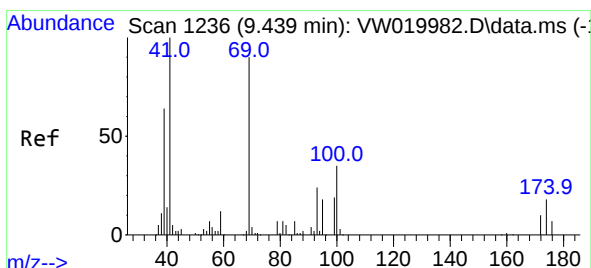
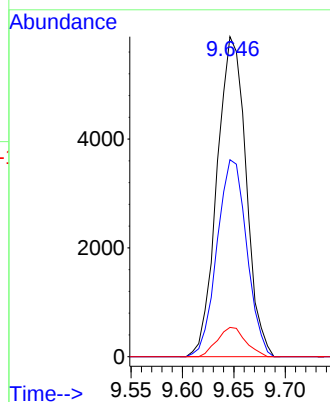
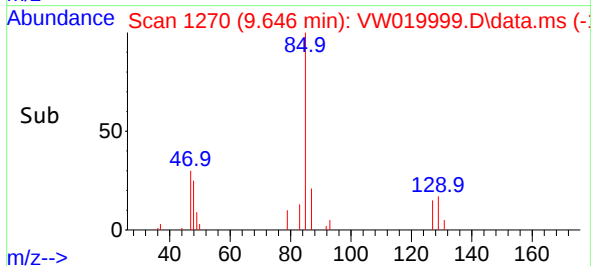
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



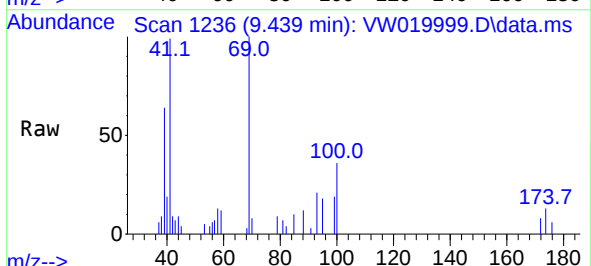
Tgt Ion: 83 Resp: 11567
Ion Ratio Lower Upper
83 100
85 61.6 50.3 75.5
127 9.2 6.5 9.7

Manual Integrations
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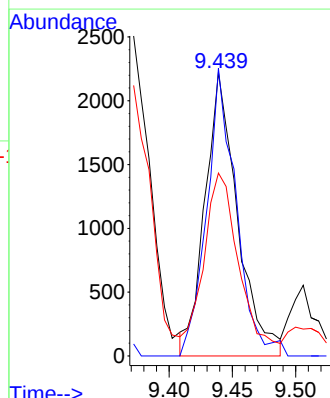
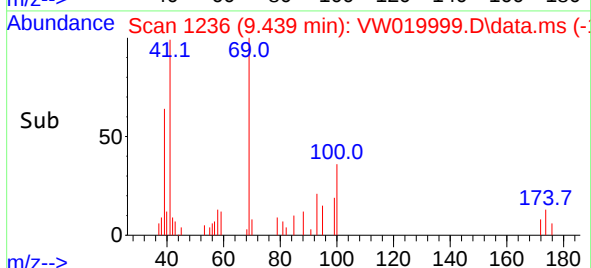
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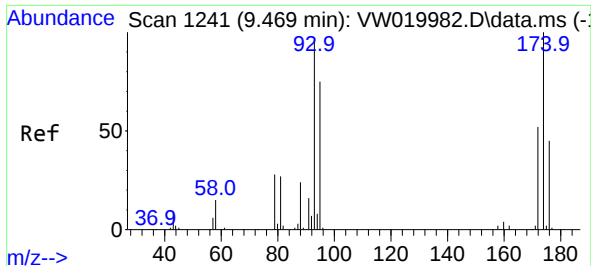


#48
Methyl methacrylate
Concen: 4.105 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



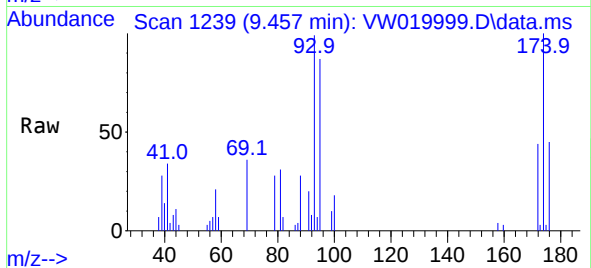
Tgt Ion: 41 Resp: 3979
Ion Ratio Lower Upper
41 100
69 91.7 76.7 115.1
39 61.1 51.4 77.0





#49
1,4-Dioxane
Concen: 77.721 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.012 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

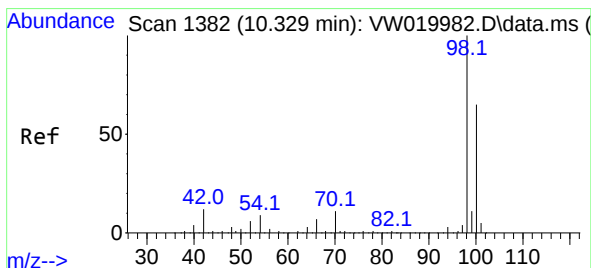
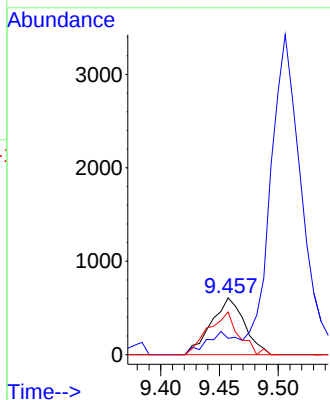
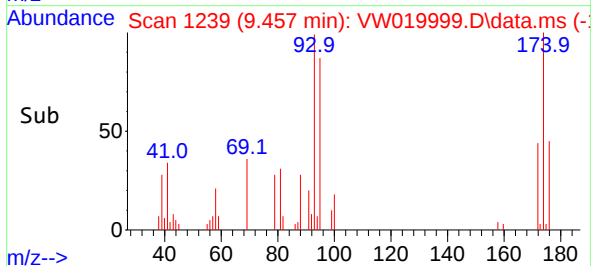
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



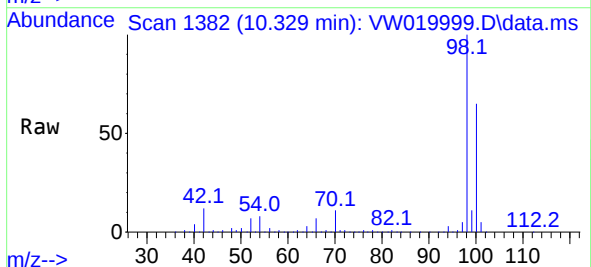
Tgt Ion: 88 Resp: 1191
Ion Ratio Lower Upper
88 100
43 37.4 0.0 0.0#
58 69.4 54.7 82.1

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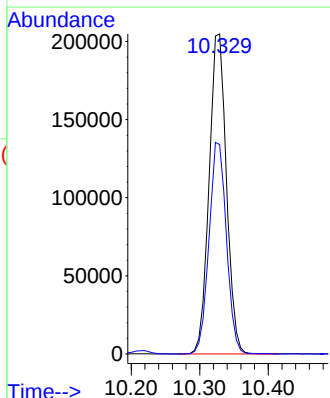
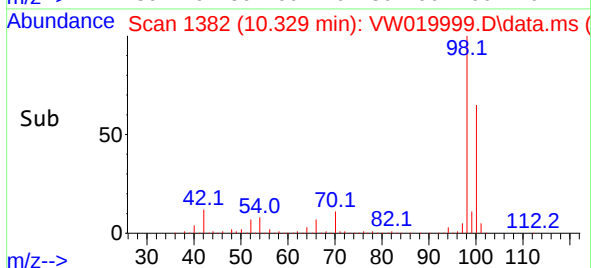
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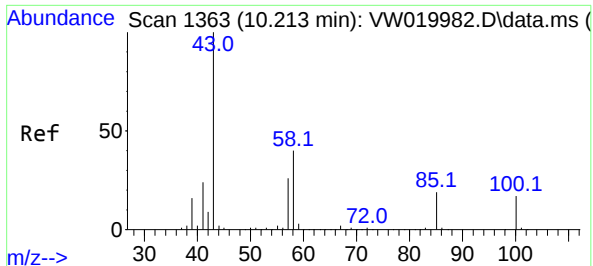


#50
Toluene-d8
Concen: 48.938 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



Tgt Ion: 98 Resp: 360593
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9





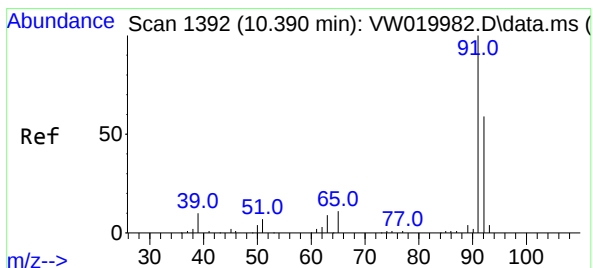
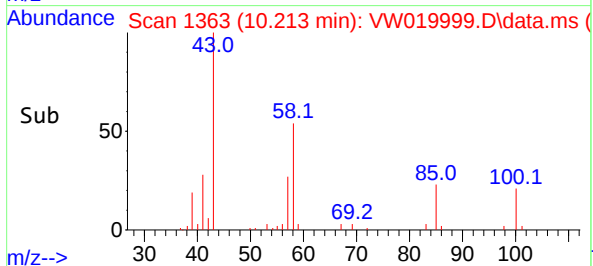
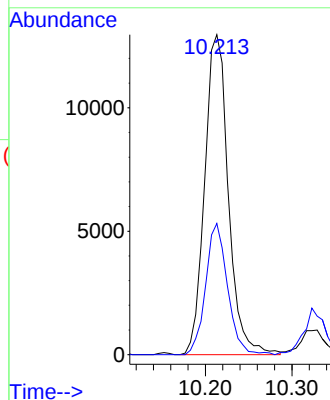
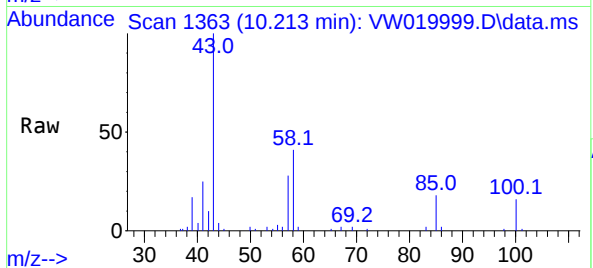
#51
4-Methyl-2-Pentanone
Concen: 21.426 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 43 Resp: 24615
Ion Ratio Lower Upper
43 100
58 37.9 32.1 48.1

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

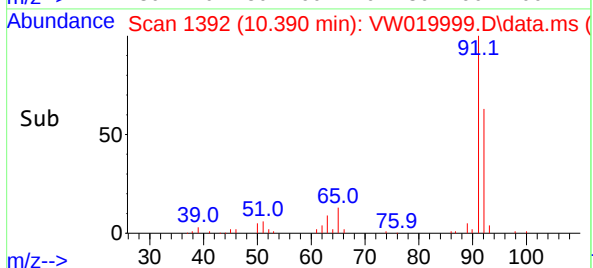
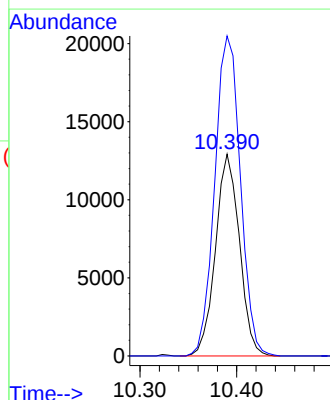
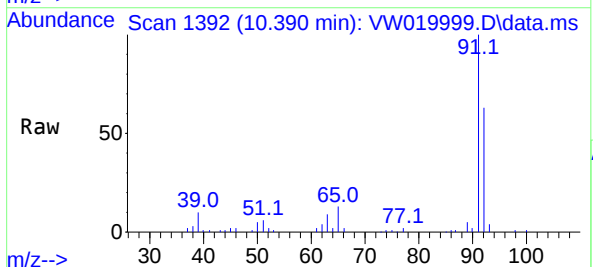
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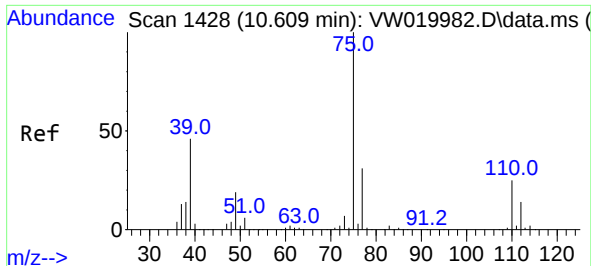
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#52
Toluene
Concen: 4.005 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 92 Resp: 22178
Ion Ratio Lower Upper
92 100
91 169.9 136.6 205.0





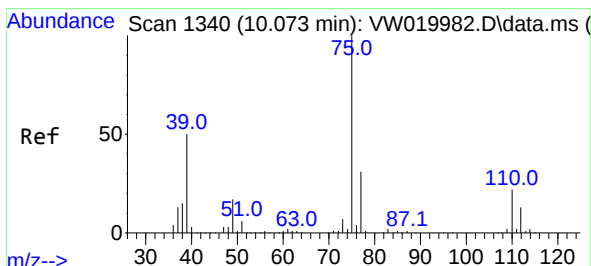
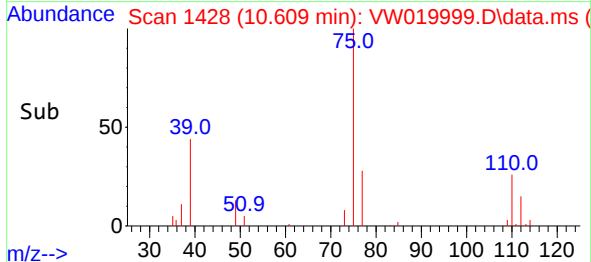
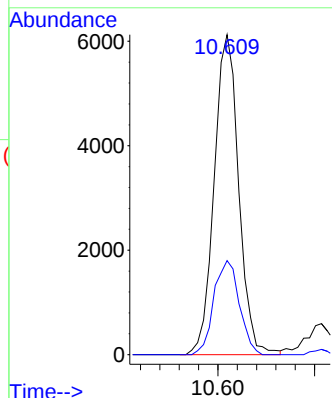
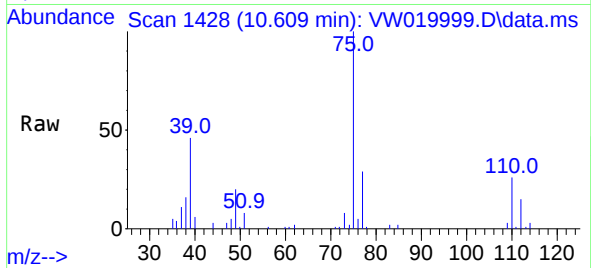
#53
t-1,3-Dichloropropene
Concen: 3.750 ug/l
RT: 10.609 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 75 Resp: 10753
Ion Ratio Lower Upper
75 100
77 29.4 24.9 37.3

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

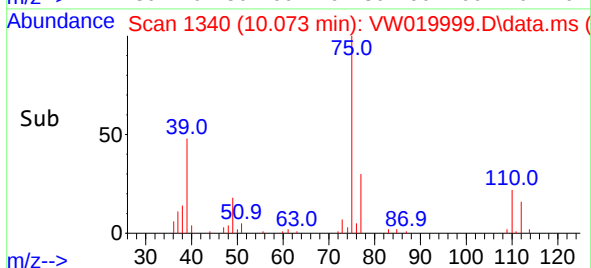
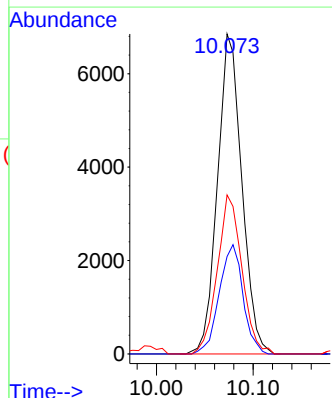
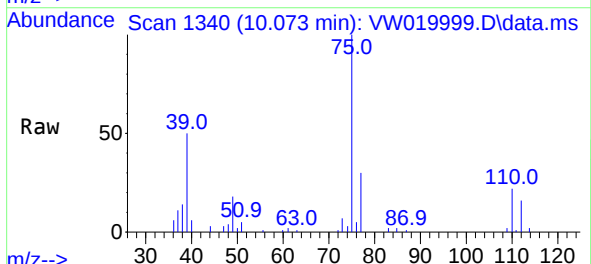
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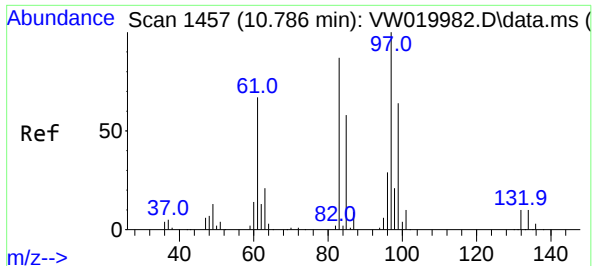
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#54
cis-1,3-Dichloropropene
Concen: 3.582 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

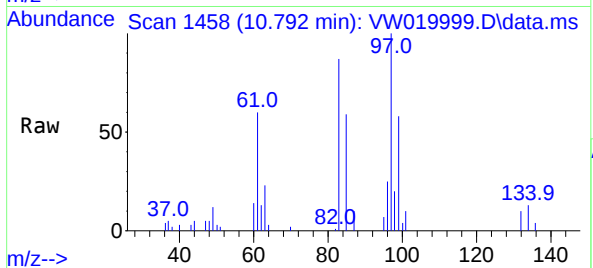
Tgt Ion: 75 Resp: 11959
Ion Ratio Lower Upper
75 100
77 30.5 24.8 37.2
39 49.7 39.9 59.9





#55
1,1,2-Trichloroethane
Concen: 4.284 ug/l
RT: 10.792 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

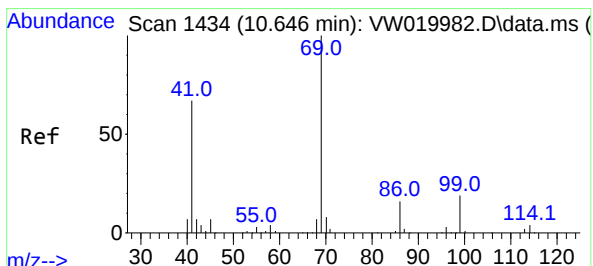
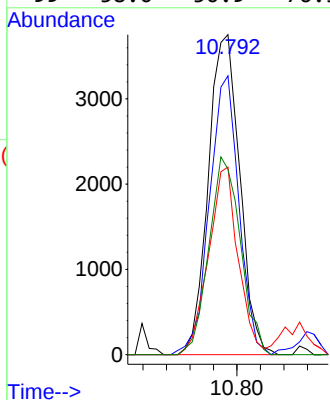
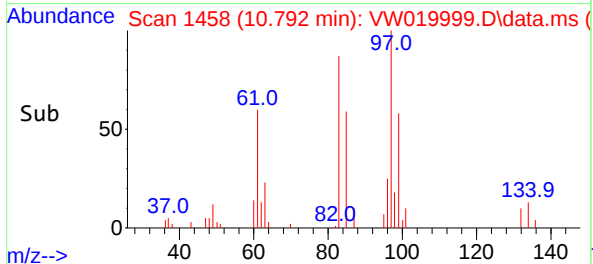


Tgt Ion: 97 Resp: 6965

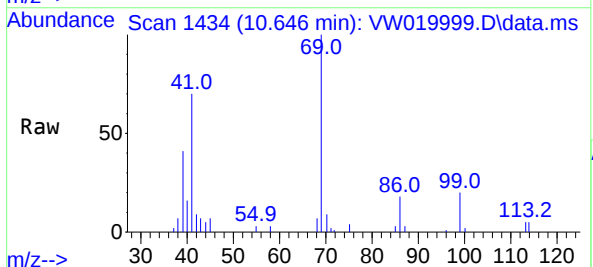
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.8	104.6
85	58.6	46.6	69.8
99	58.0	50.9	76.3

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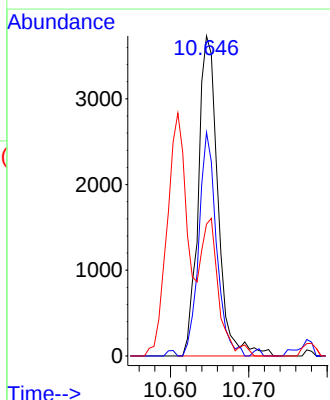
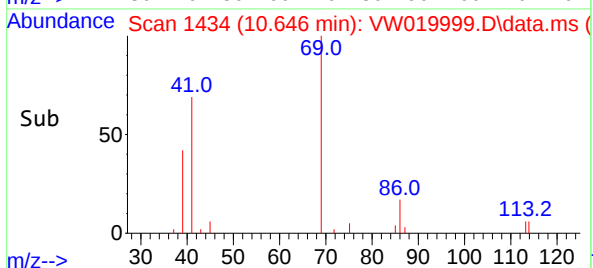


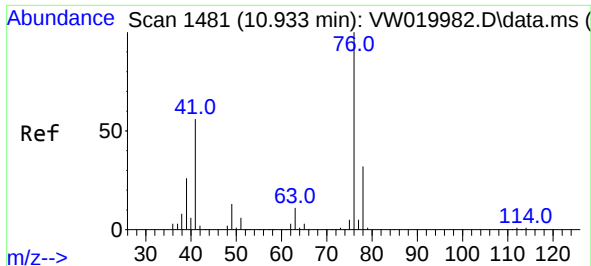
#56
Ethyl methacrylate
Concen: 3.582 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



Tgt Ion: 69 Resp: 6515

Ion	Ratio	Lower	Upper
69	100		
41	62.8	50.6	76.0
39	37.5	31.2	46.8





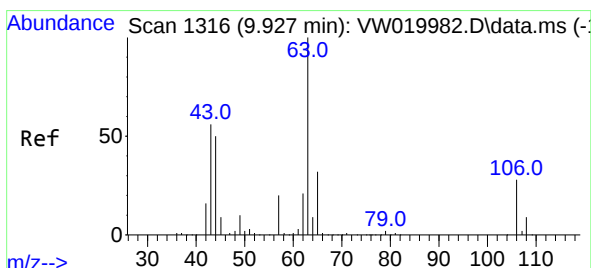
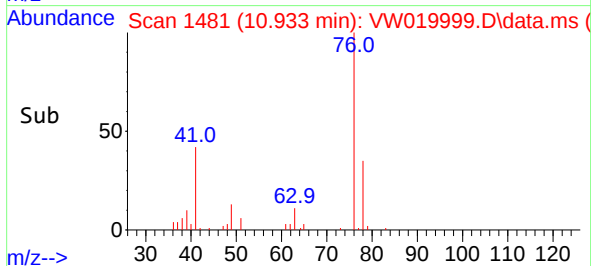
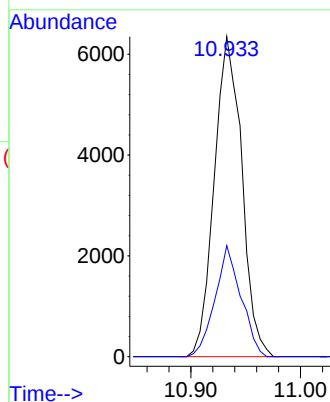
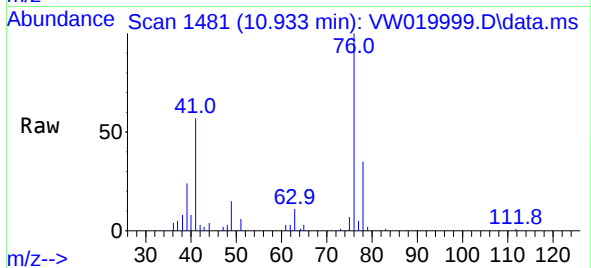
#57
1,3-Dichloropropane
Concen: 3.968 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 76 Resp: 11070
Ion Ratio Lower Upper
76 100
78 32.8 26.6 40.0

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

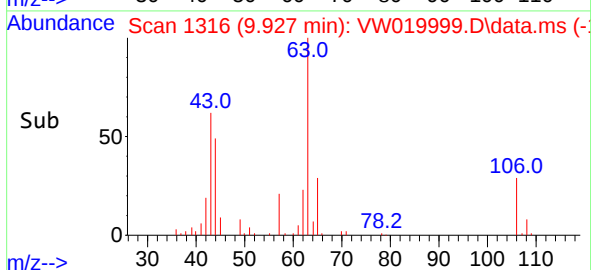
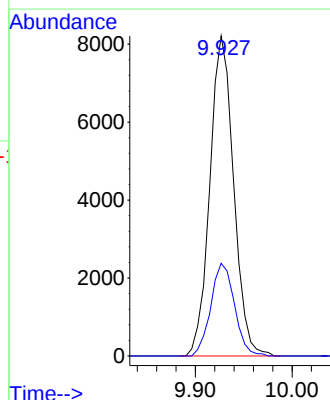
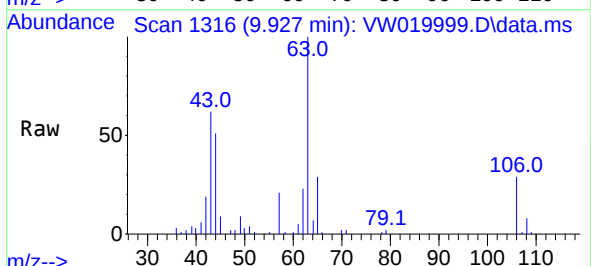
Manual Integrations
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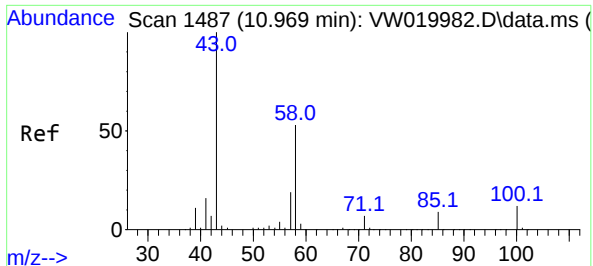
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#58
2-Chloroethyl Vinyl ether
Concen: 16.890 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 63 Resp: 14023
Ion Ratio Lower Upper
63 100
106 28.8 22.9 34.3





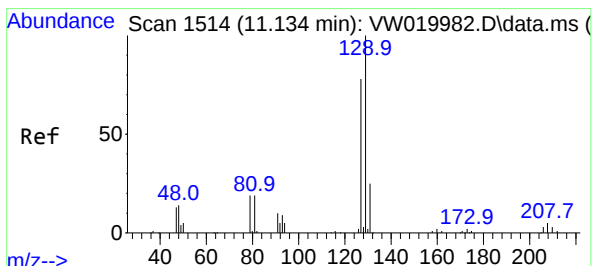
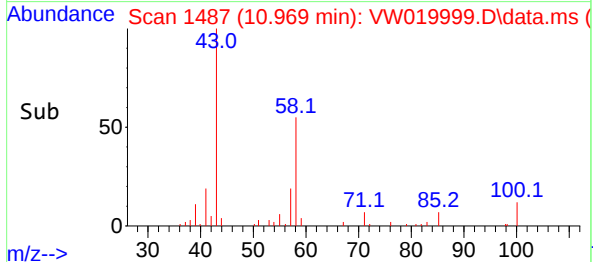
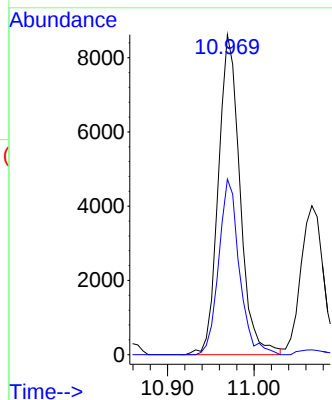
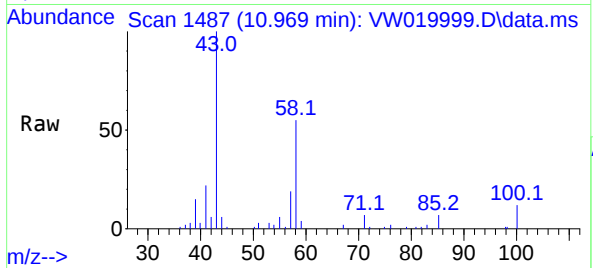
#59
2-Hexanone
Concen: 19.467 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 43 Resp: 14946
Ion Ratio Lower Upper
43 100
58 52.3 27.4 82.0

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

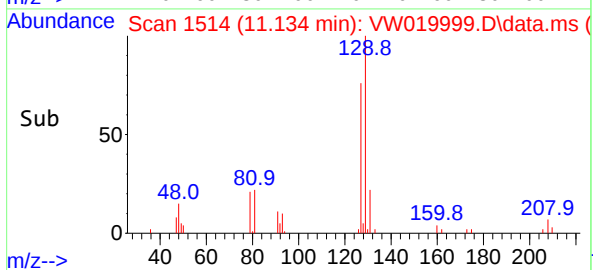
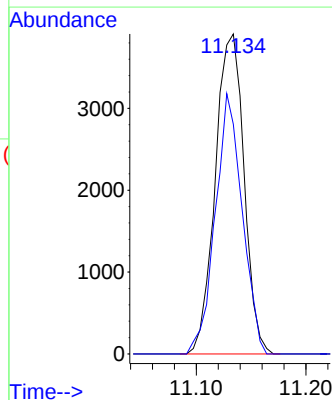
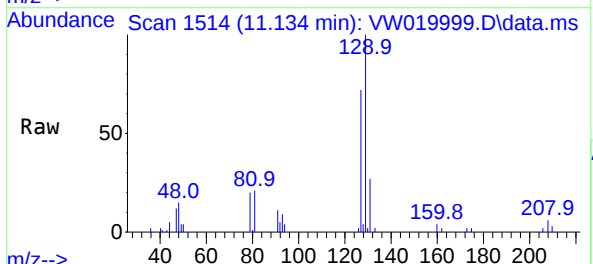
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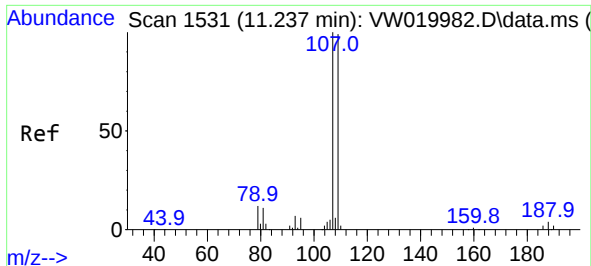
MMDadoda
9/10/2021 10:50:13 AM



#60
Dibromochloromethane
Concen: 3.786 ug/l
RT: 11.134 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

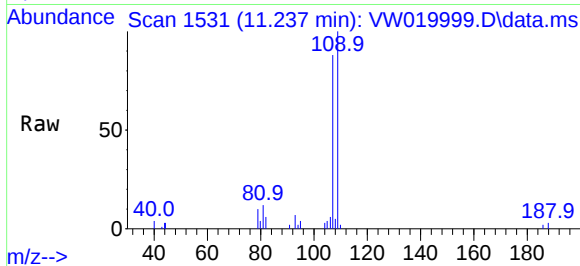
Tgt Ion: 129 Resp: 7126
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.7





#61
1,2-Dibromoethane
Concen: 3.962 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

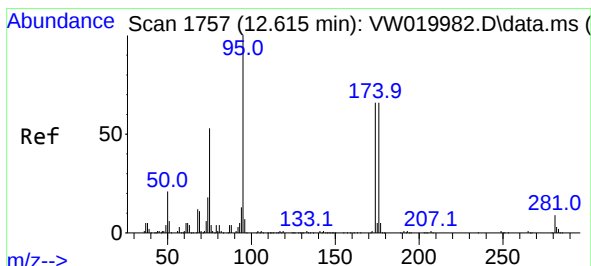
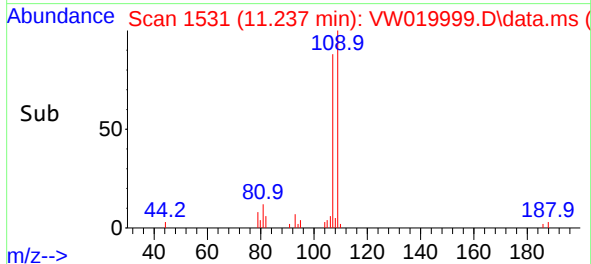
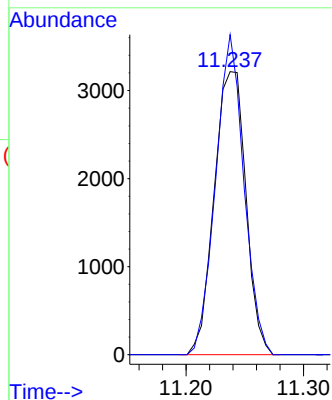
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



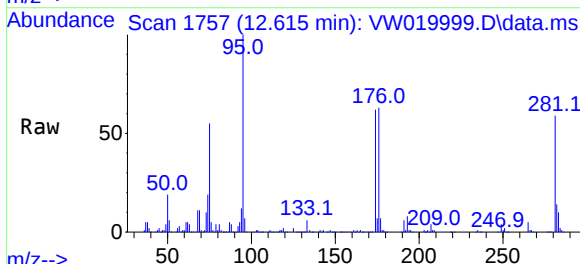
Tgt Ion:107 Resp: 6032
Ion Ratio Lower Upper
107 100
109 100.8 76.4 114.6

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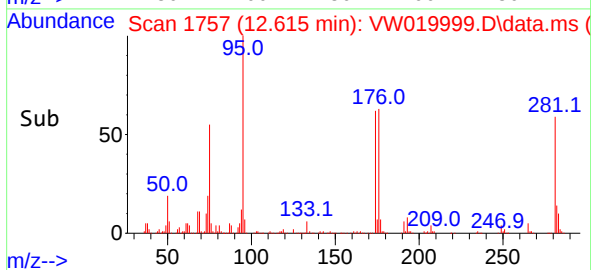
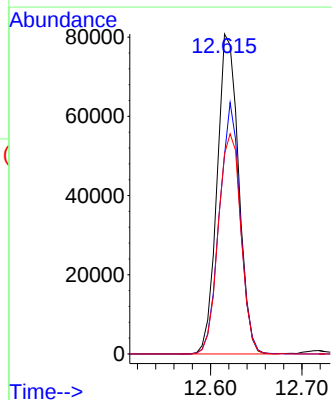
MMDadoda
9/10/2021 10:50:13 AM

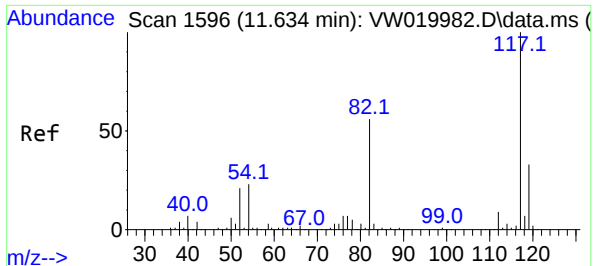


#62
4-Bromofluorobenzene
Concen: 48.435 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



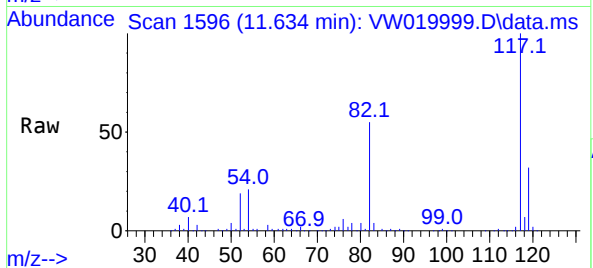
Tgt Ion: 95 Resp: 132051
Ion Ratio Lower Upper
95 100
174 75.9 0.0 145.2
176 72.3 0.0 146.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

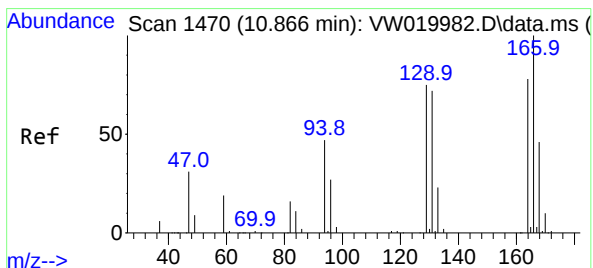
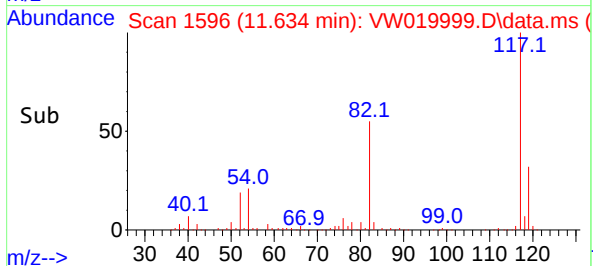
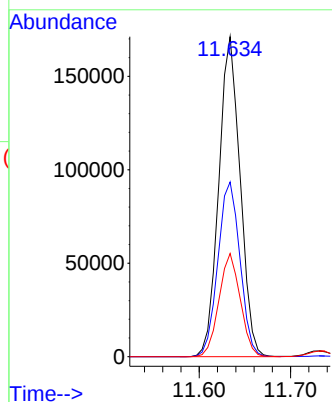
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



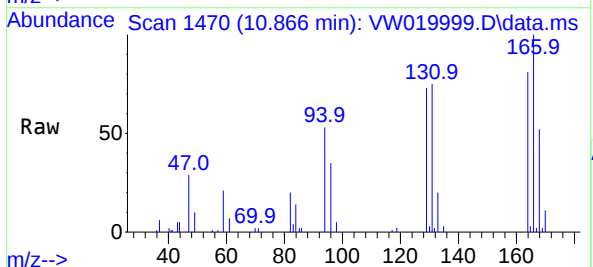
Tgt Ion:117 Resp: 278283
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 32.2 26.2 39.2

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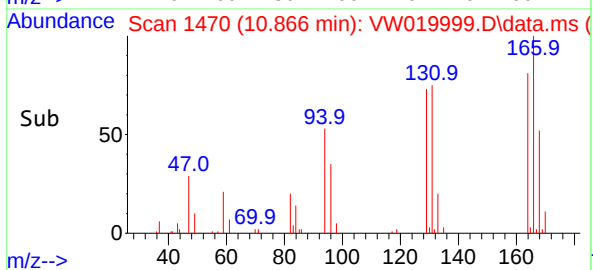
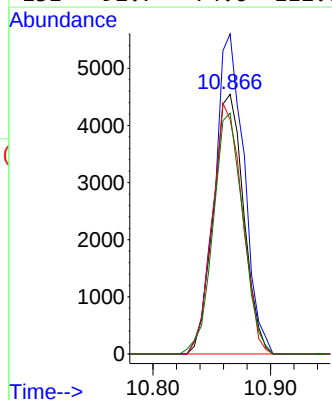
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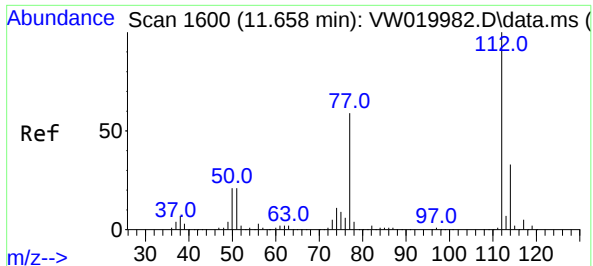


#64
Tetrachloroethene
Concen: 4.215 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



Tgt Ion:164 Resp: 8138
Ion Ratio Lower Upper
164 100
166 123.2 103.1 154.7
129 90.2 77.7 116.5
131 92.7 74.6 112.0





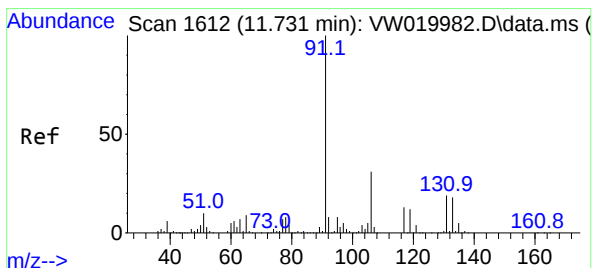
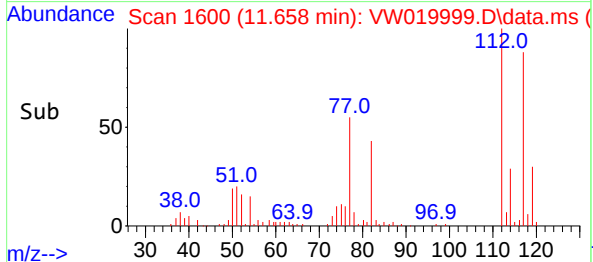
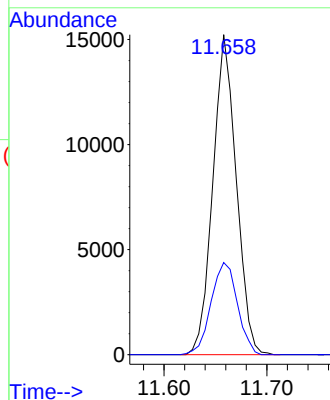
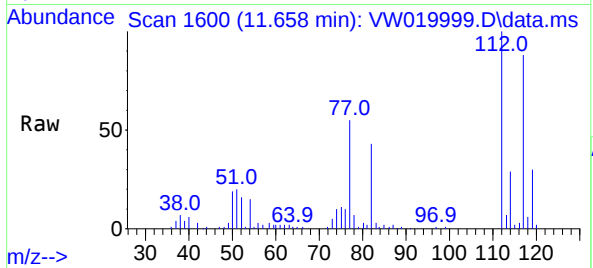
#65
Chlorobenzene
Concen: 4.022 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:112 Resp: 24055
Ion Ratio Lower Upper
112 100
114 28.8 26.1 39.1

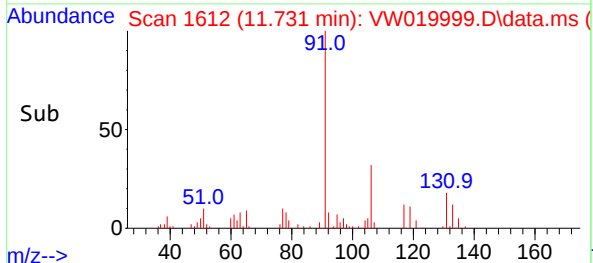
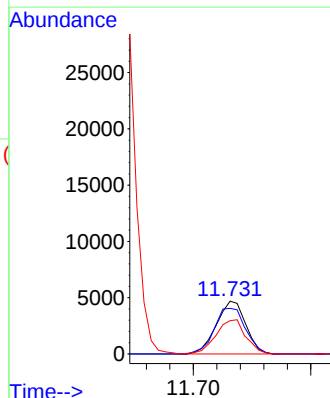
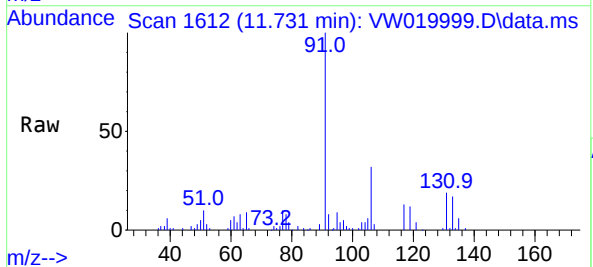
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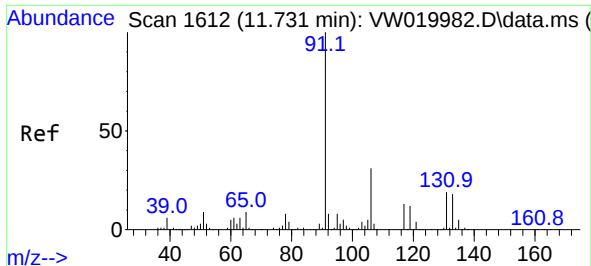
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#66
1,1,1,2-Tetrachloroethane
Concen: 3.814 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

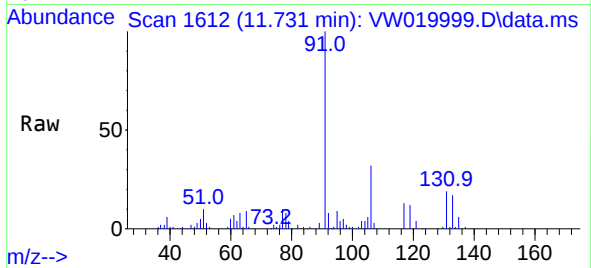
Tgt Ion:131 Resp: 8130
Ion Ratio Lower Upper
131 100
133 93.0 46.6 139.8
119 66.0 32.8 98.4





#67
Ethyl Benzene
Concen: 3.707 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

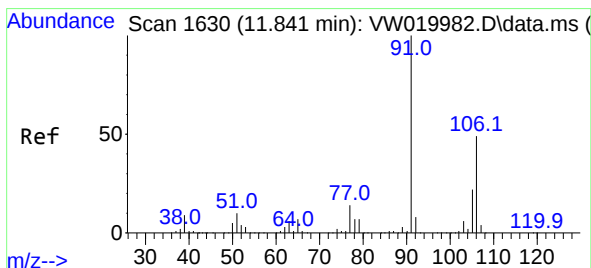
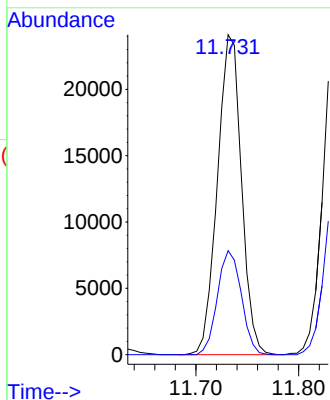
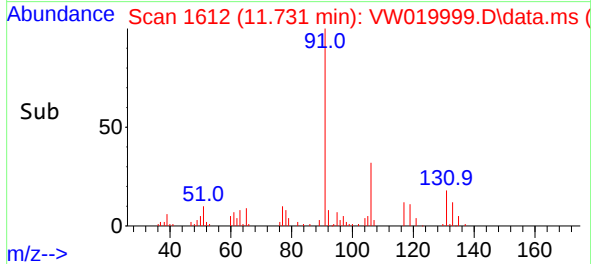
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



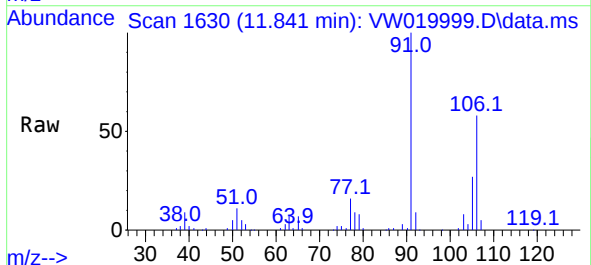
Tgt Ion: 91 Resp: 39122
Ion Ratio Lower Upper
91 100
106 32.5 24.7 37.1

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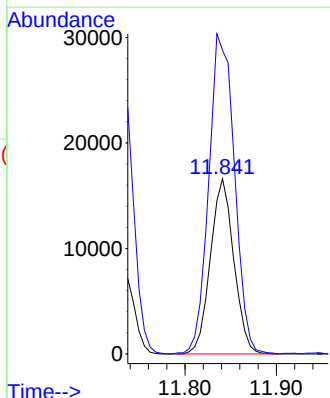
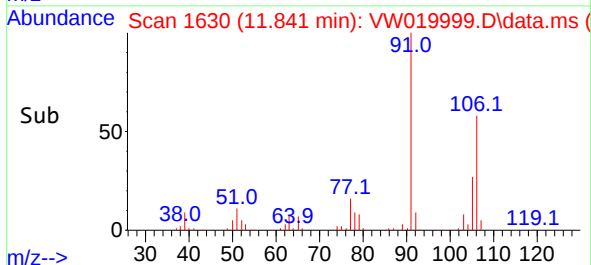
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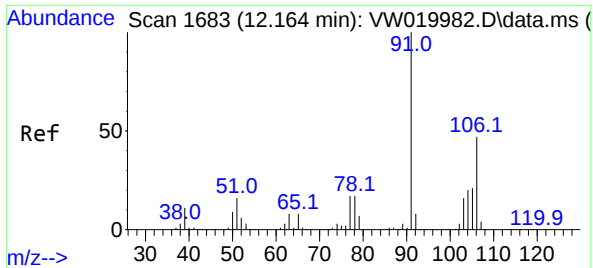


#68
m/p-Xylenes
Concen: 7.085 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



Tgt Ion: 106 Resp: 29506
Ion Ratio Lower Upper
106 100
91 200.8 166.8 250.2





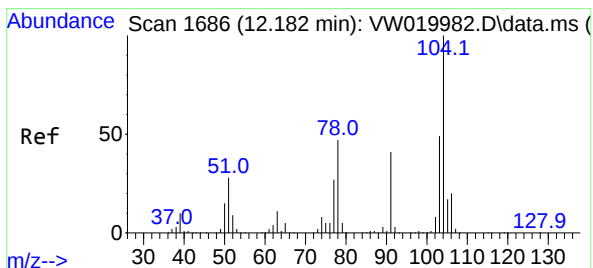
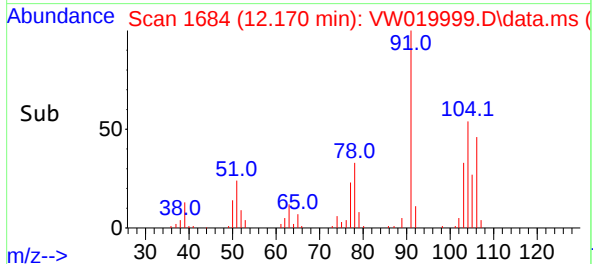
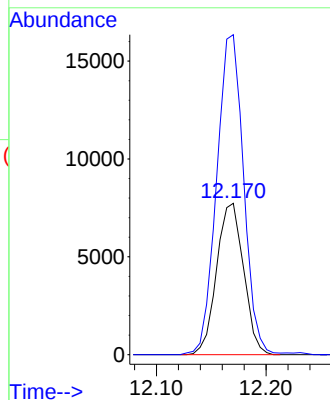
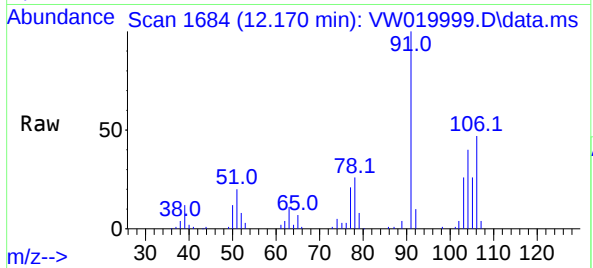
#69
o-Xylene
Concen: 3.465 ug/l
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:106 Resp: 13221
Ion Ratio Lower Upper
106 100
91 211.1 109.2 327.6

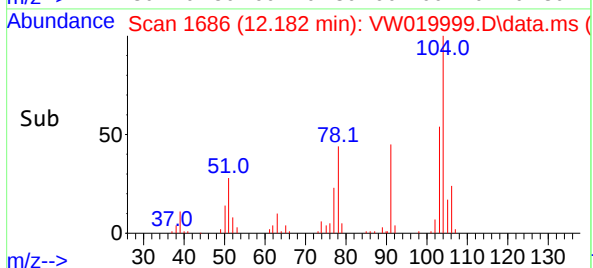
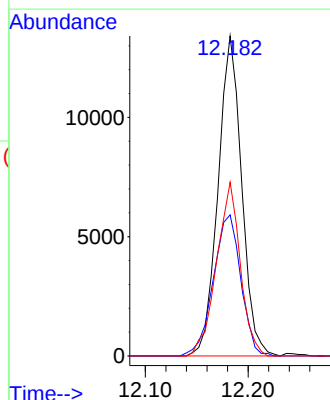
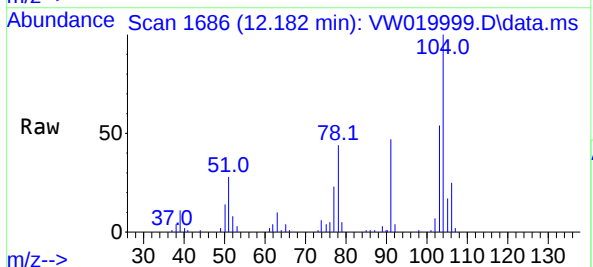
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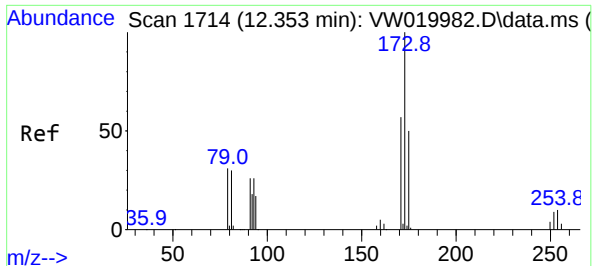
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#70
Styrene
Concen: 3.304 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Tgt Ion:104 Resp: 21368
Ion Ratio Lower Upper
104 100
78 51.3 42.6 63.8
103 54.8 43.8 65.6





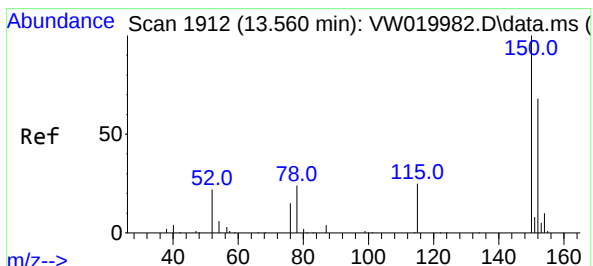
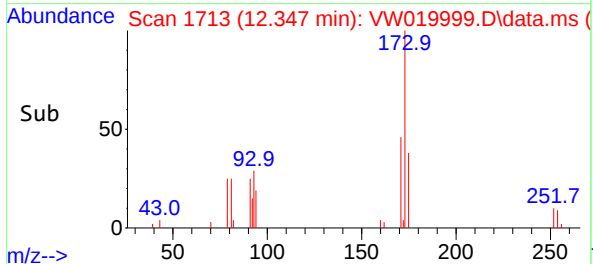
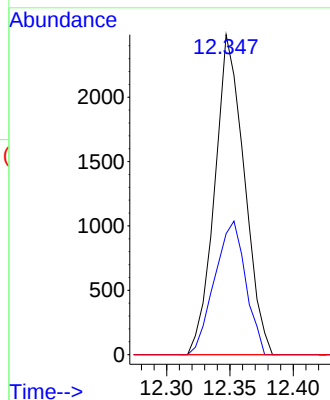
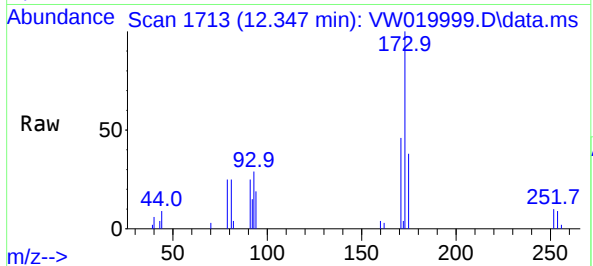
#71
Bromoform
Concen: 3.845 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Tgt Ion:	173	Resp:	4035
Ion Ratio	Lower	Upper	
173	100		
175	43.8	24.6	73.8
254	0.0	0.0	0.0

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

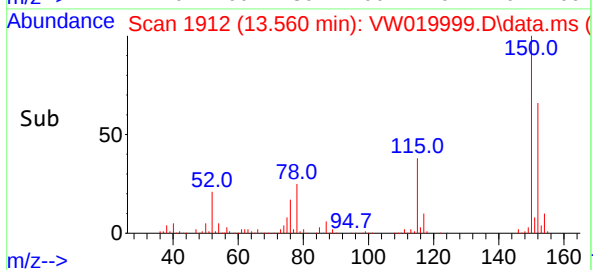
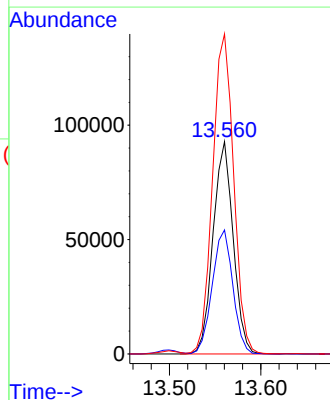
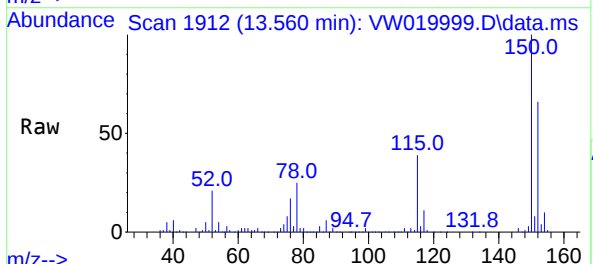
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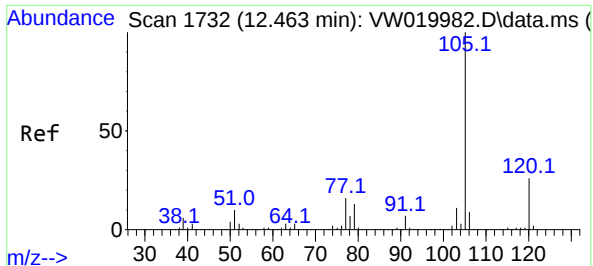
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

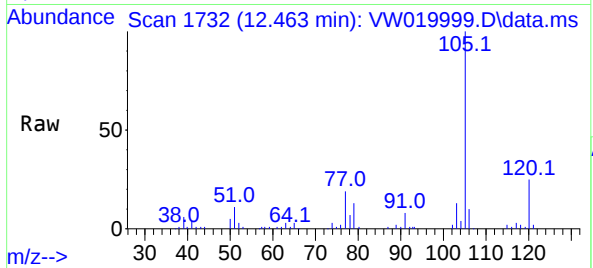
Tgt Ion:	152	Resp:	141834
Ion Ratio	Lower	Upper	
152	100		
115	59.9	30.8	92.3
150	157.3	0.0	359.2





#73
Isopropylbenzene
Concen: 3.433 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

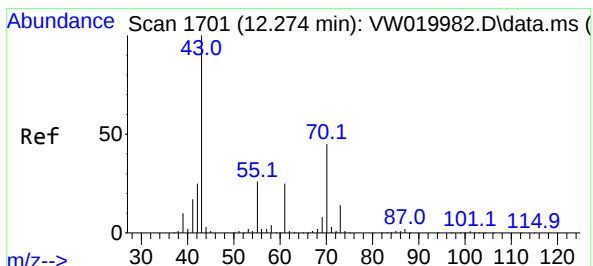
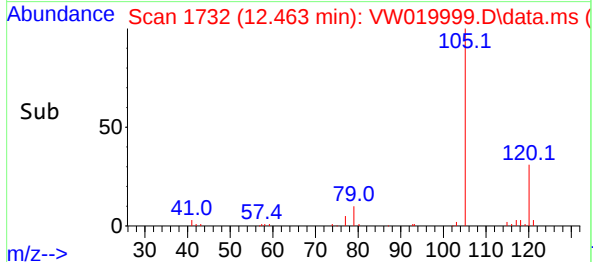
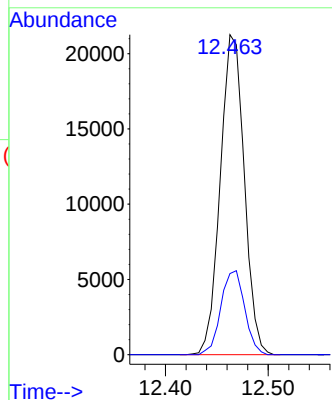
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



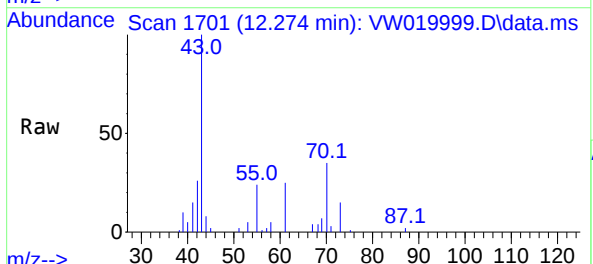
Tgt Ion:105 Resp: 34456
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0

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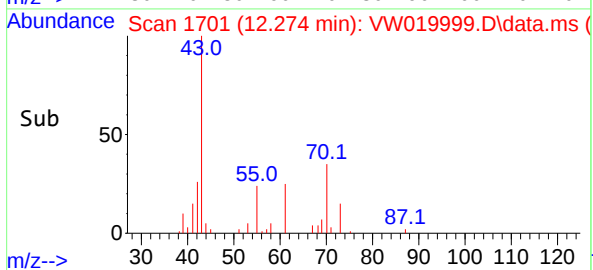
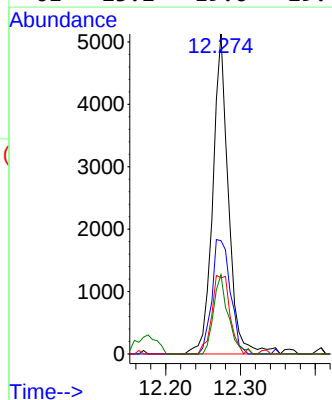
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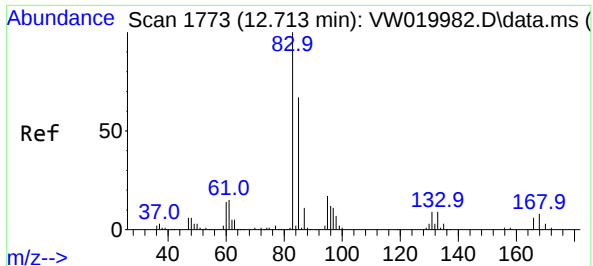


#74
N-ethyl acetate
Concen: 3.628 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



Tgt Ion: 43 Resp: 7472
Ion Ratio Lower Upper
43 100
70 42.0 35.1 52.7
55 28.5 21.4 32.2
61 23.2 19.6 29.4





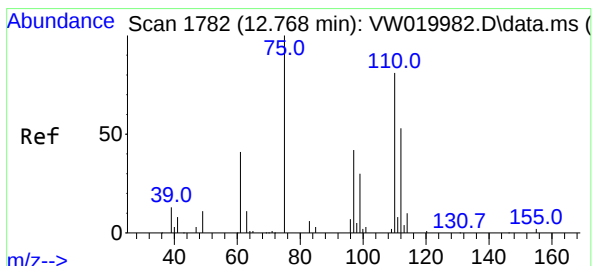
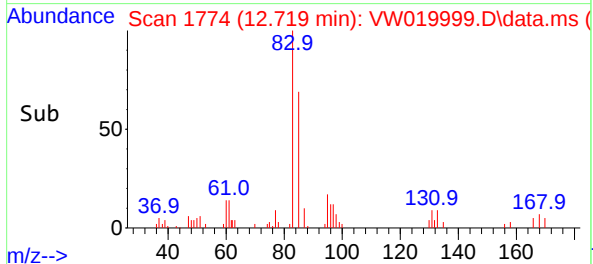
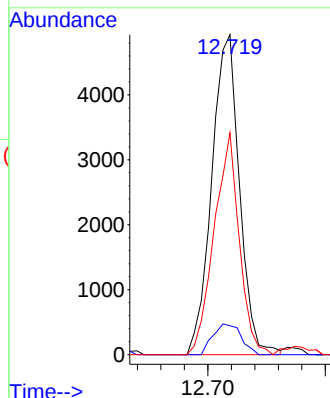
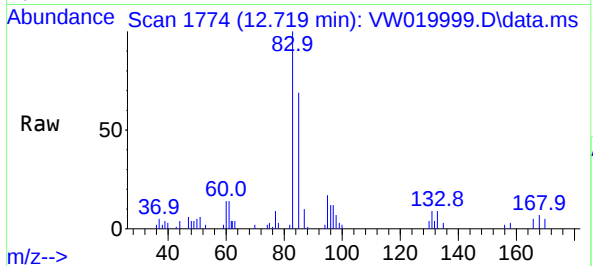
#75
1,1,2,2-Tetrachloroethane
Concen: 4.387 ug/l
RT: 12.719 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 83 Resp: 8085
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 62.7 32.8 98.4

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

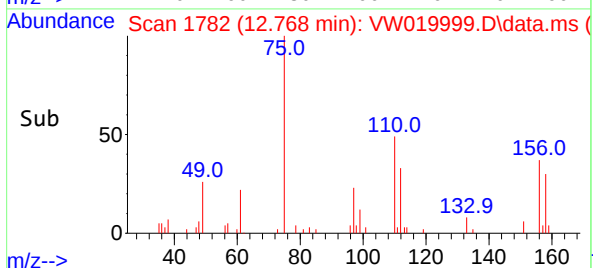
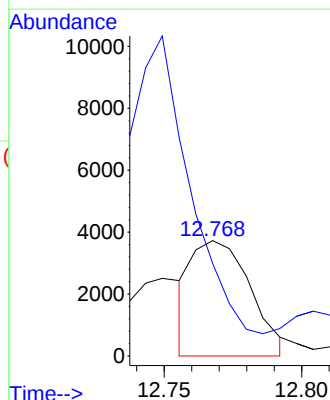
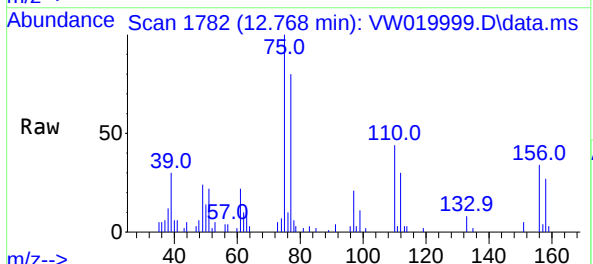
Manual Integrations
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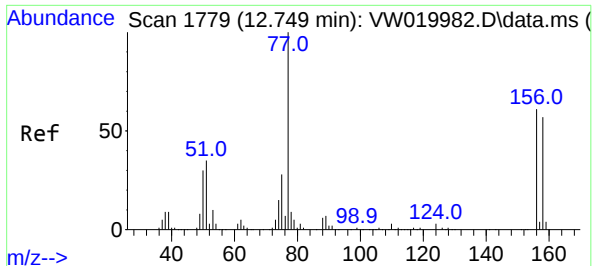
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#76
1,2,3-Trichloropropane
Concen: 4.175 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 75 Resp: 5501
Ion Ratio Lower Upper
75 100
77 333.6 0.0 0.0#





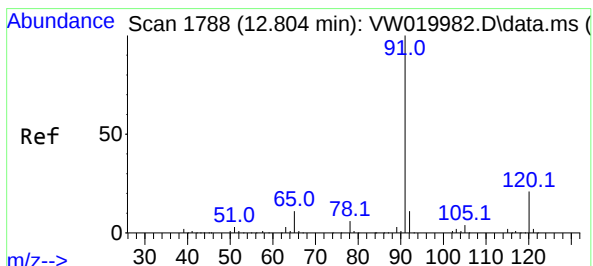
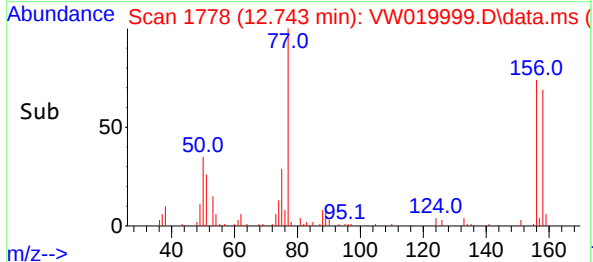
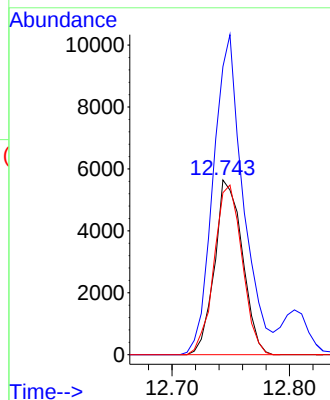
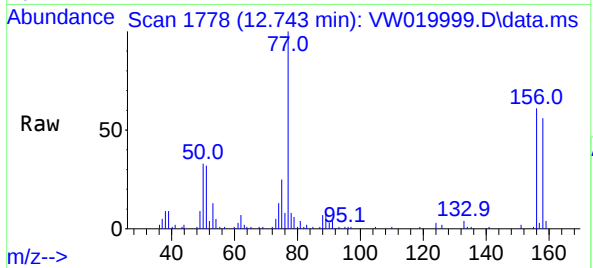
#77
Bromobenzene
Concen: 3.985 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 156 Resp: 9278
Ion Ratio Lower Upper
156 100
77 197.8 96.6 289.8
158 98.0 48.6 145.9

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

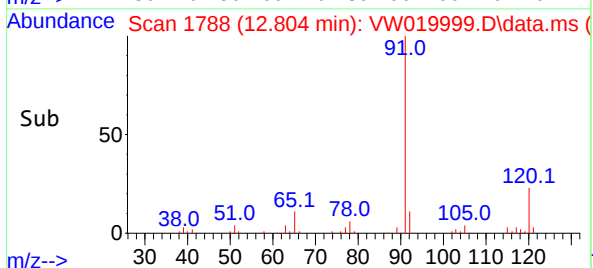
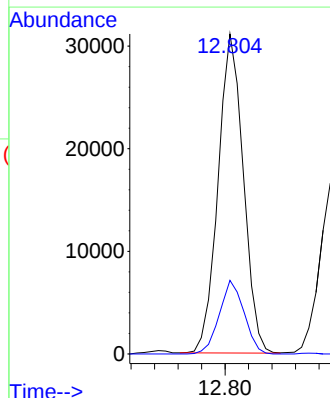
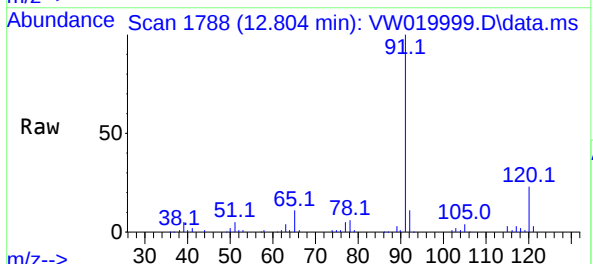
Manual Integrations
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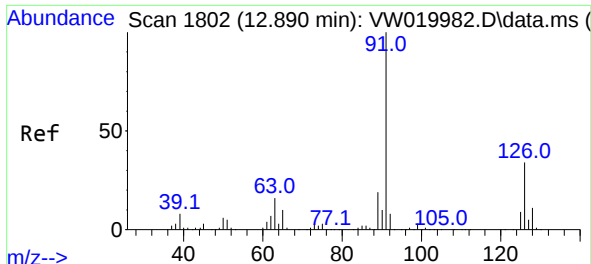
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#78
n-propylbenzene
Concen: 3.672 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 91 Resp: 46412
Ion Ratio Lower Upper
91 100
120 22.5 10.9 32.7





#79

2-Chlorotoluene

Concen: 3.756 ug/l

RT: 12.896 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VW019999.D

Acq: 08 Sep 2021 13:47

Tgt Ion: 91 Resp: 27630

Ion Ratio Lower Upper

91 100

126 33.1 16.4 49.2

Instrument :

MSVOA_W

ClientSampleId :

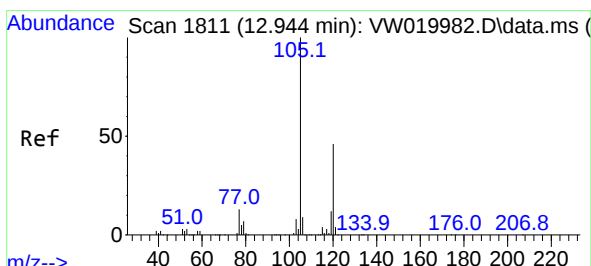
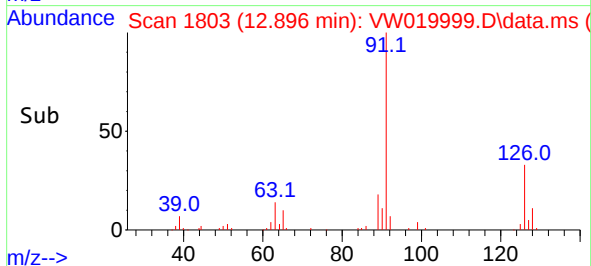
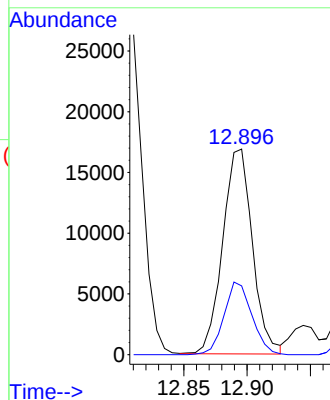
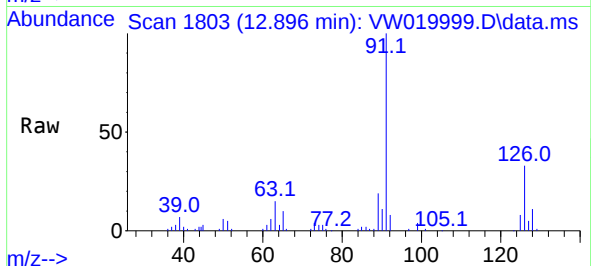
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#80

1,3,5-Trimethylbenzene

Concen: 3.456 ug/l

RT: 12.944 min Scan# 1811

Delta R.T. 0.000 min

Lab File: VW019999.D

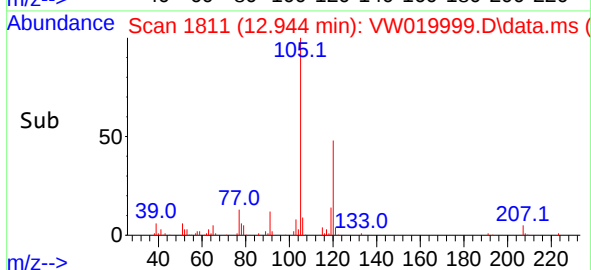
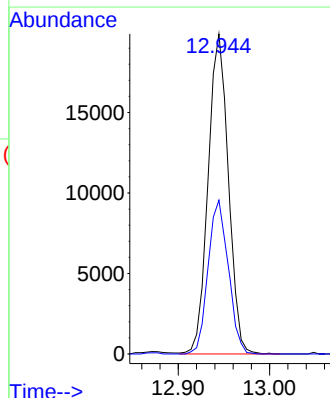
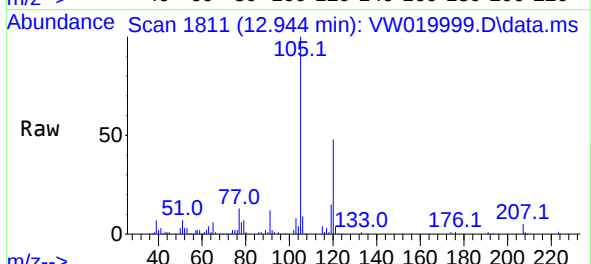
Acq: 08 Sep 2021 13:47

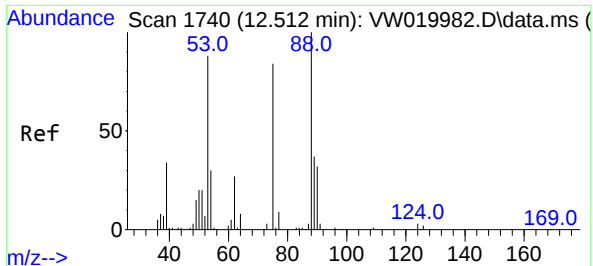
Tgt Ion:105 Resp: 30570

Ion Ratio Lower Upper

105 100

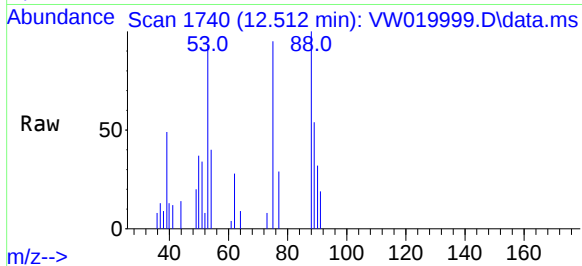
120 47.8 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 3.555 ug/l m
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

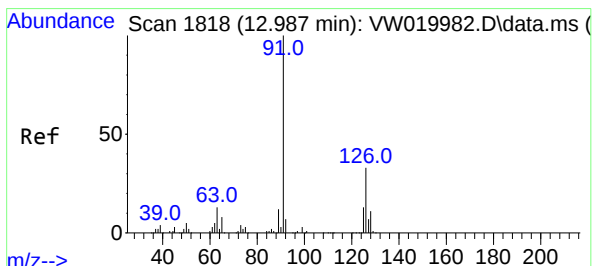
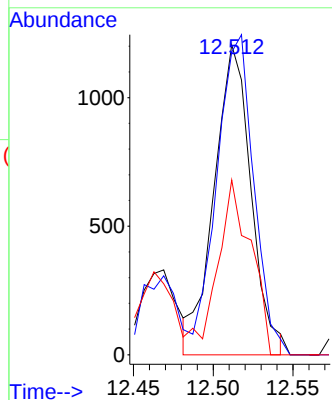
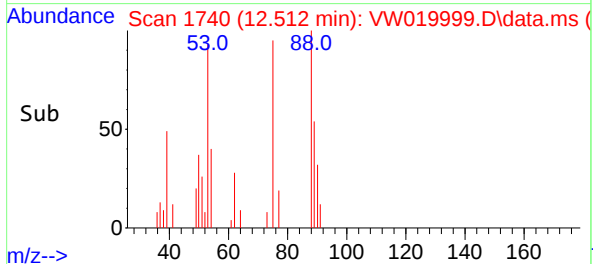
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



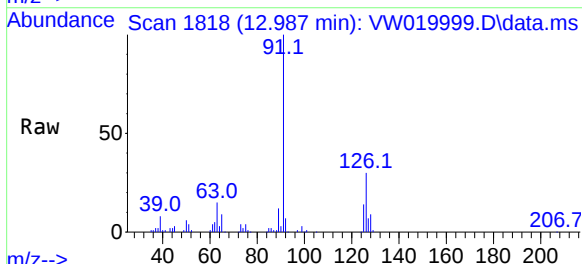
Tgt Ion: 75 Resp: 1935
Ion Ratio Lower Upper
75 100
53 0.0 86.1 129.1#
89 29.5 37.7 56.5#

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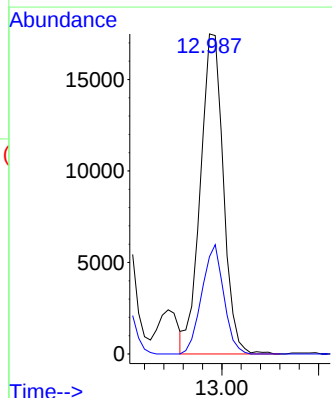
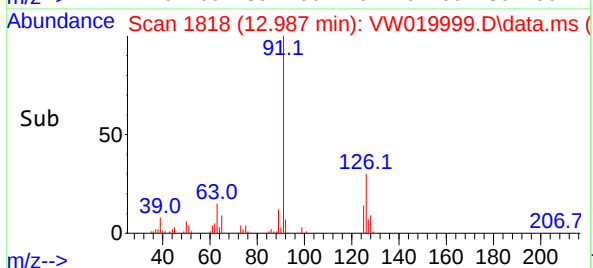
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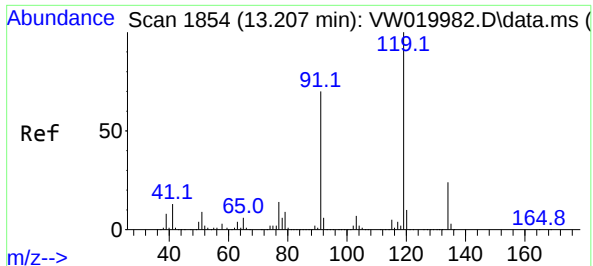


#82
4-Chlorotoluene
Concen: 3.737 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



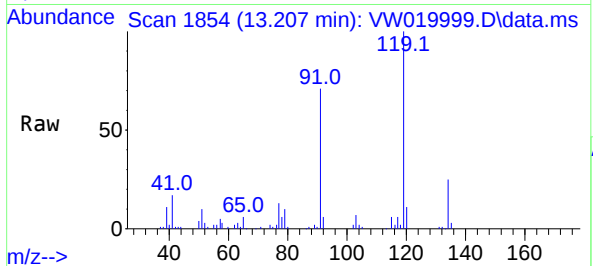
Tgt Ion: 91 Resp: 28895
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.2





#83
tert-Butylbenzene
Concen: 3.434 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

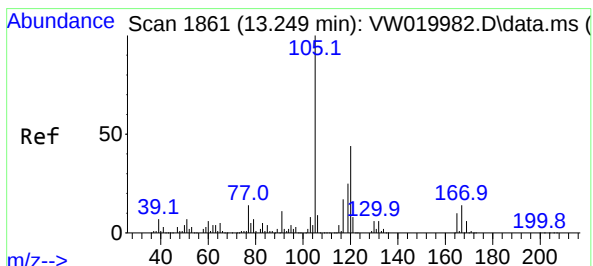
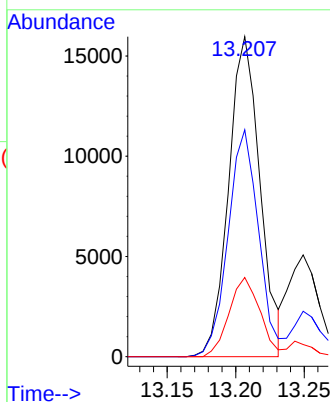
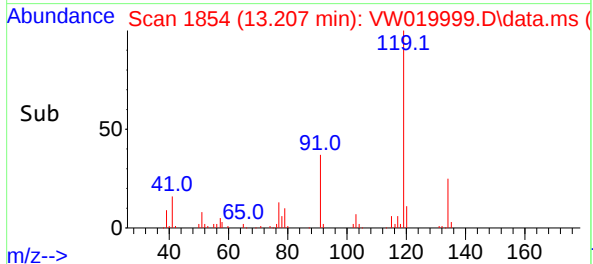
Instrument :
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ClientSampleId :
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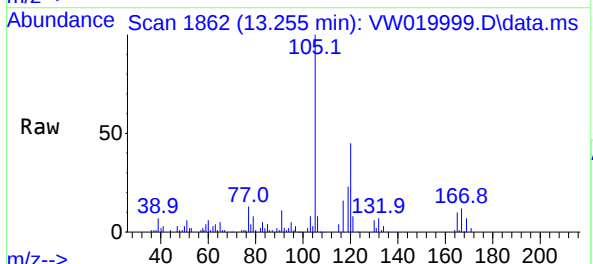
Tgt Ion:119 Resp: 25446
Ion Ratio Lower Upper
119 100
91 68.8 35.0 105.0
134 24.3 12.4 37.2

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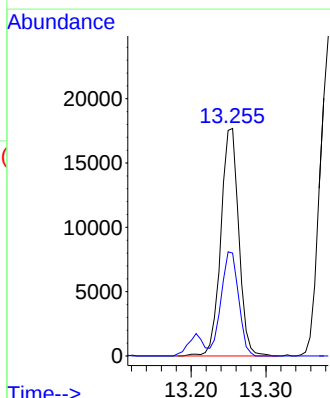
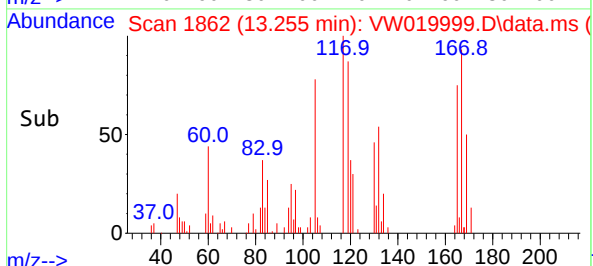
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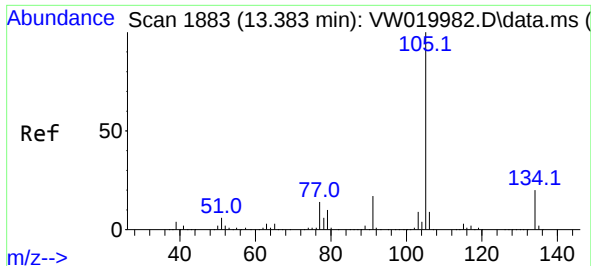


#84
1,2,4-Trimethylbenzene
Concen: 3.400 ug/l
RT: 13.255 min Scan# 1862
Delta R.T. 0.006 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



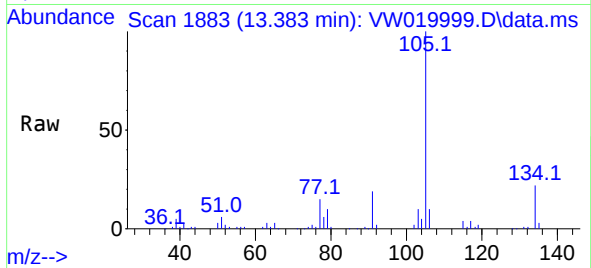
Tgt Ion:105 Resp: 29458
Ion Ratio Lower Upper
105 100
120 44.3 21.4 64.3





#85
sec-Butylbenzene
Concen: 3.452 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

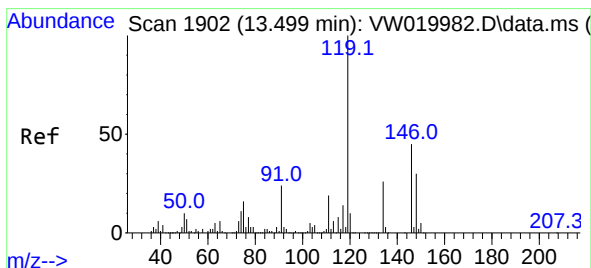
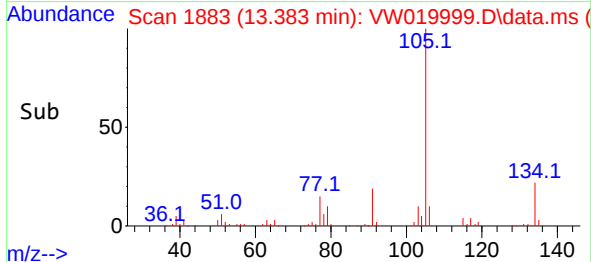
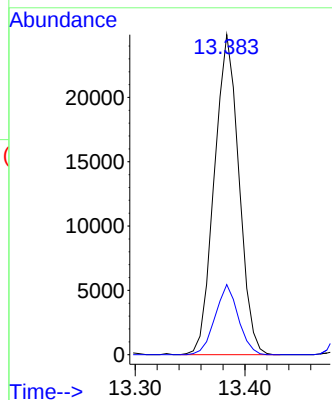
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



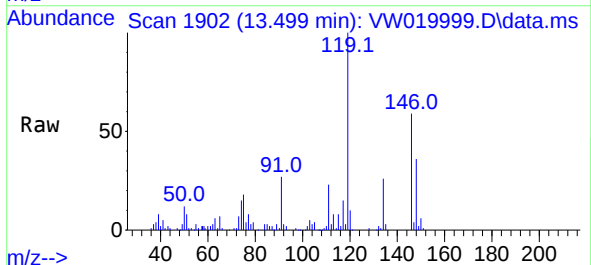
Tgt Ion:105 Resp: 38831
Ion Ratio Lower Upper
105 100
134 20.6 10.1 30.1

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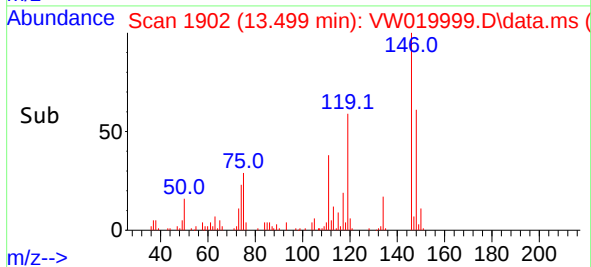
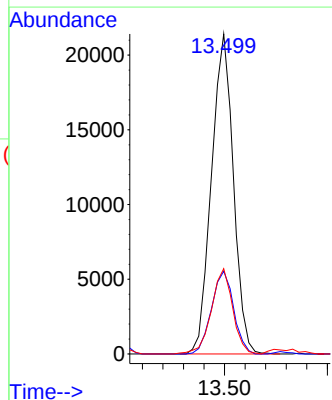
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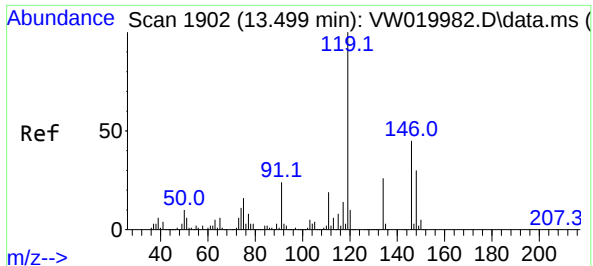


#86
p-Isopropyltoluene
Concen: 3.337 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



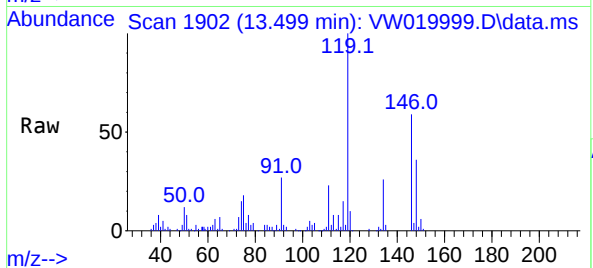
Tgt Ion:119 Resp: 31613
Ion Ratio Lower Upper
119 100
134 26.2 12.8 38.4
91 25.8 12.4 37.0





#87
1,3-Dichlorobenzene
Concen: 3.902 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

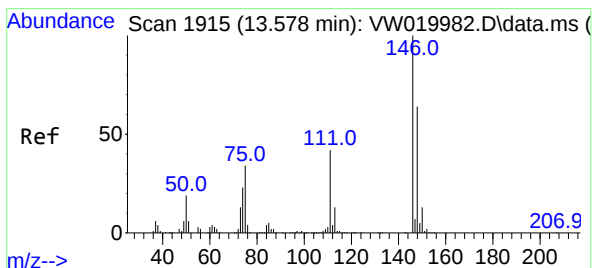
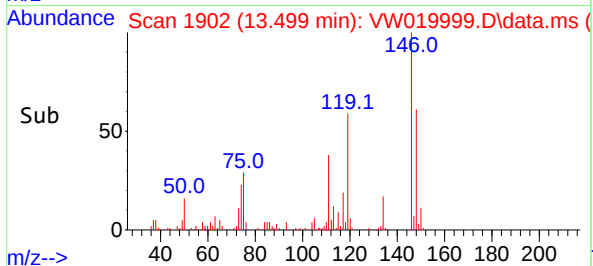
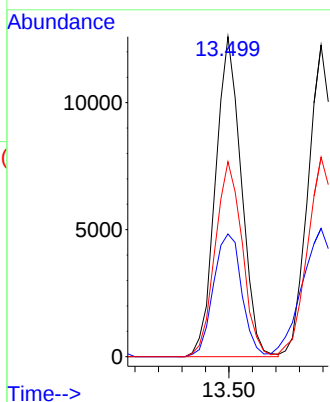
Instrument :
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ClientSampleId :
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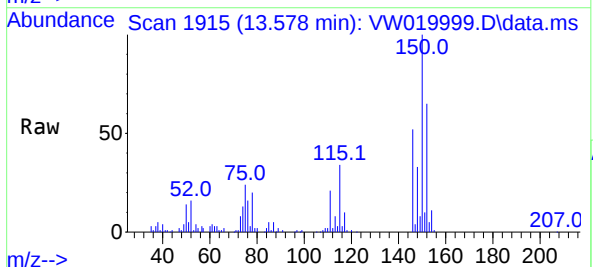
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.4	64.2
148	63.9	32.0	96.2

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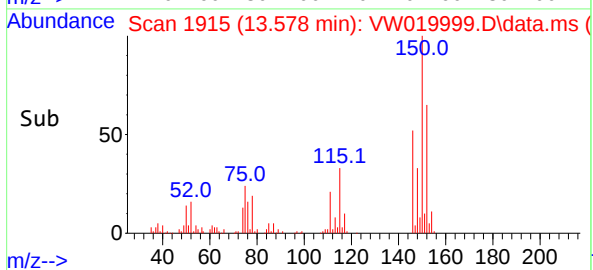
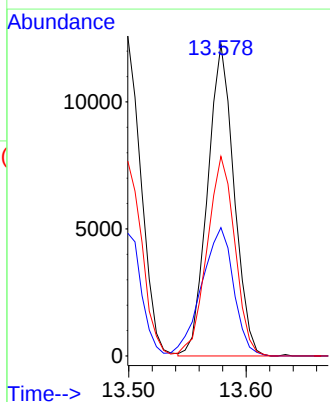
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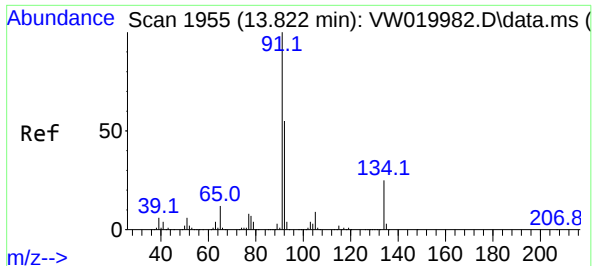


#88
1,4-Dichlorobenzene
Concen: 3.915 ug/l
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



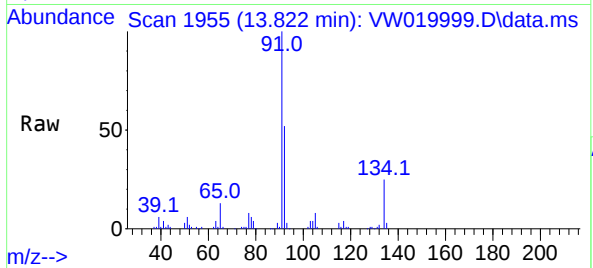
Tgt Ion	Ratio	Lower	Upper
146	100		
111	50.2	20.9	62.8
148	67.7	31.7	95.1





#89
n-Butylbenzene
Concen: 3.528 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

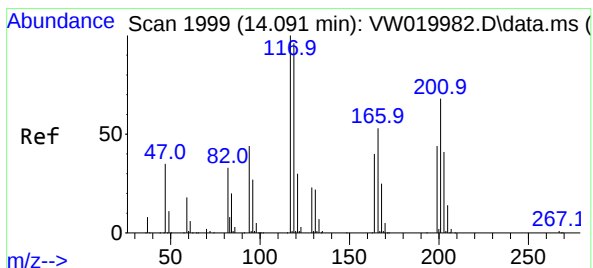
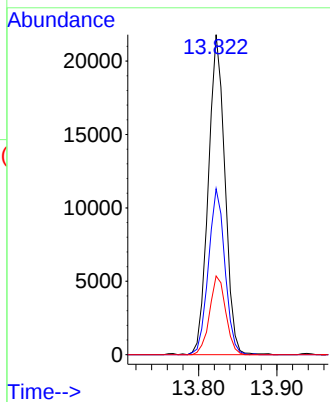
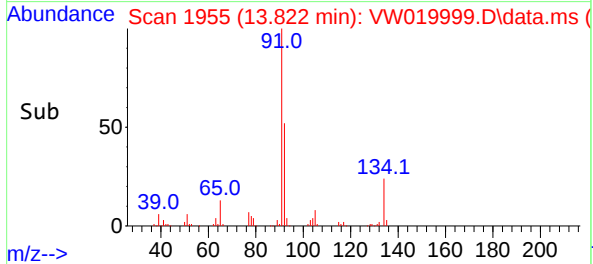
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



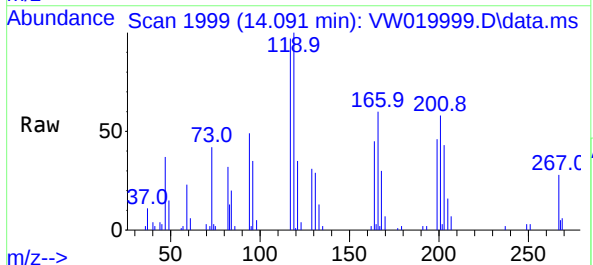
Tgt Ion: 91 Resp: 32012
Ion Ratio Lower Upper
91 100
92 51.5 27.1 81.3
134 23.9 12.4 37.2

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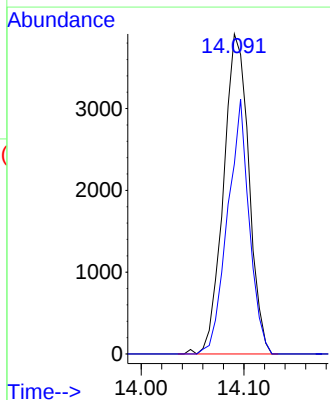
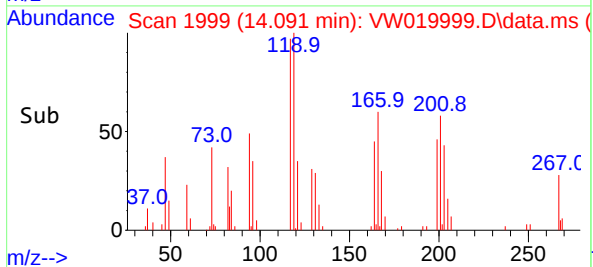
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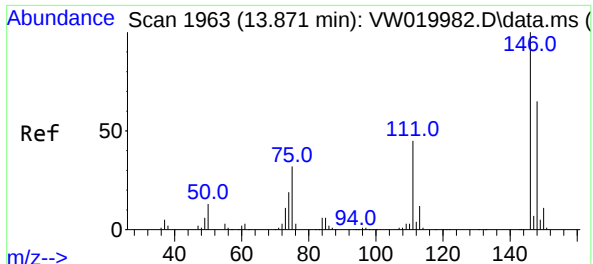


#90
Hexachloroethane
Concen: 3.703 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



Tgt Ion: 117 Resp: 6704
Ion Ratio Lower Upper
117 100
201 68.0 34.7 104.1





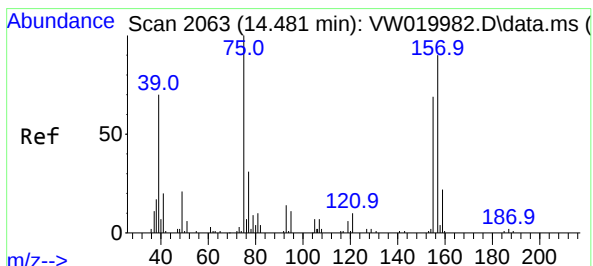
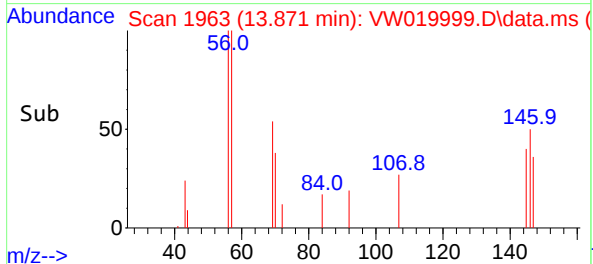
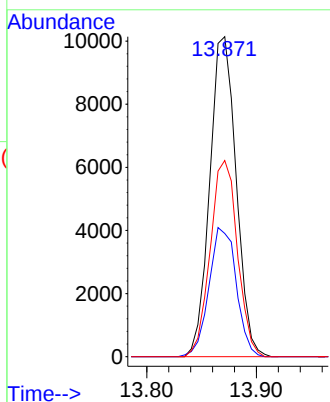
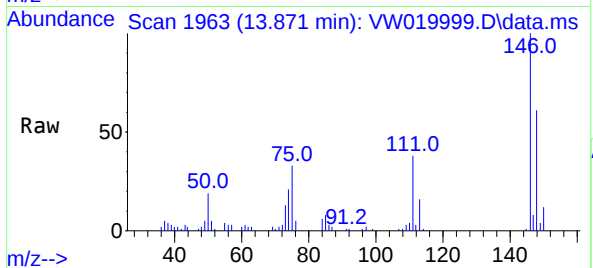
#91
1,2-Dichlorobenzene
Concen: 3.963 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Tgt Ion:	146	Resp:	16989
Ion Ratio	Lower	Upper	
146	100		
111	41.6	21.8	65.4
148	63.0	31.9	95.5

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

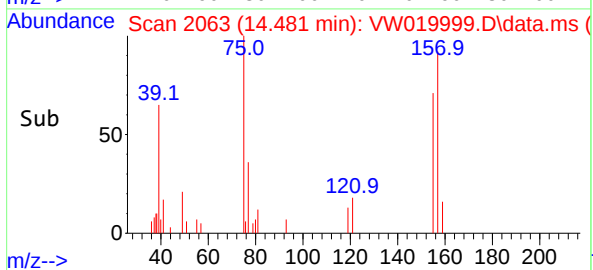
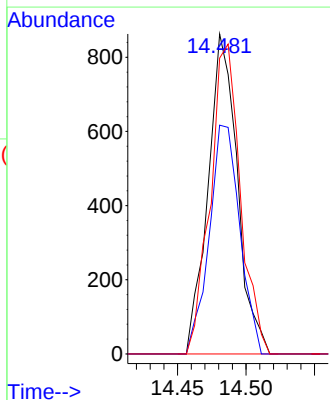
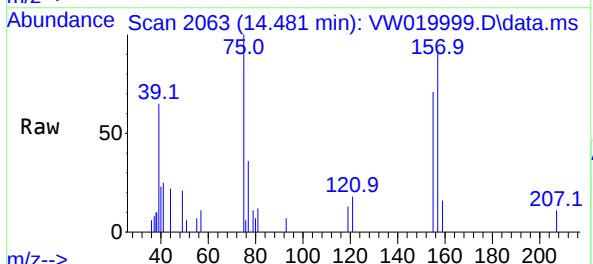
Manual Integrations
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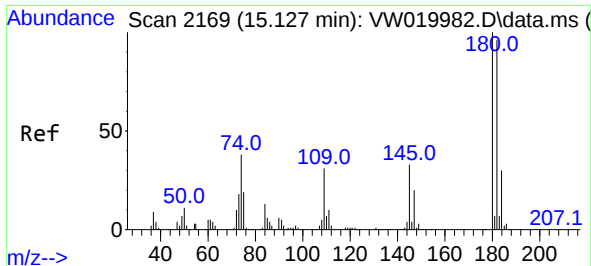
MMDadoda
9/10/2021 10:50:13 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.240 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

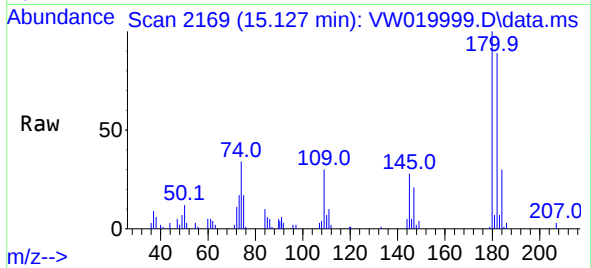
Tgt Ion:	75	Resp:	1282
Ion Ratio	Lower	Upper	
75	100		
155	74.4	37.6	112.9
157	99.7	47.6	142.8





#93
1,2,4-Trichlorobenzene
Concen: 3.915 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

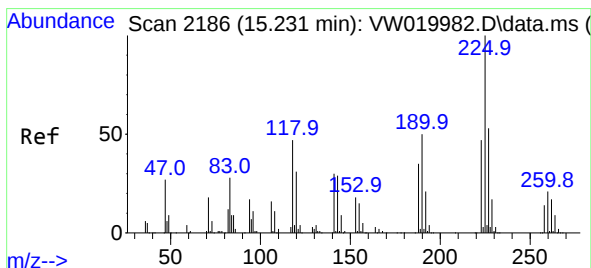
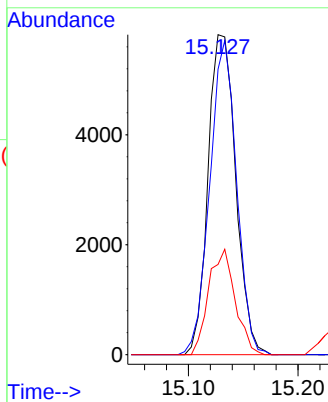
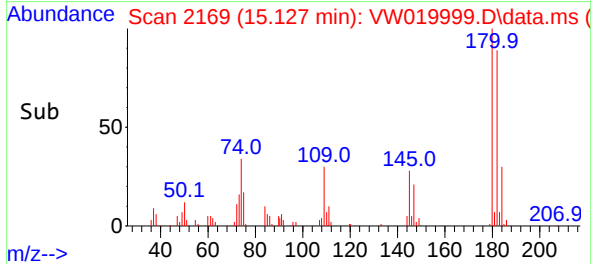
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



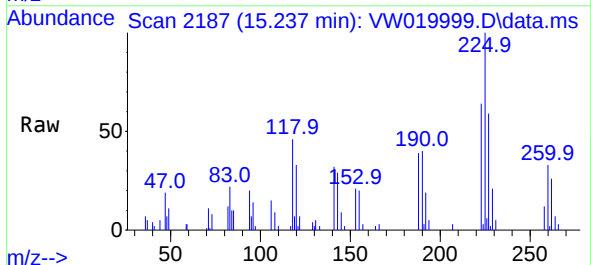
Tgt Ion:180 Resp: 10233
Ion Ratio Lower Upper
180 100
182 95.0 47.0 141.0
145 31.5 16.3 48.9

Manual Integrations
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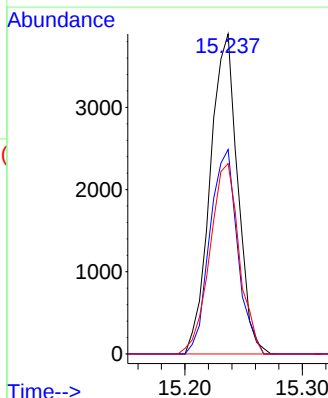
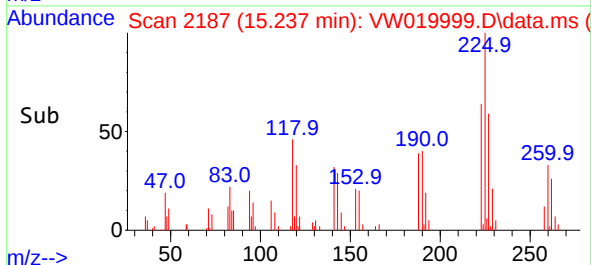
MMDadoda
9/10/2021 10:50:13 AM

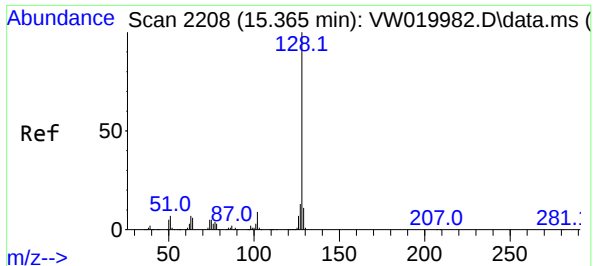


#94
Hexachlorobutadiene
Concen: 4.068 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47



Tgt Ion:225 Resp: 6315
Ion Ratio Lower Upper
225 100
223 64.8 30.2 90.6
227 63.7 30.1 90.5





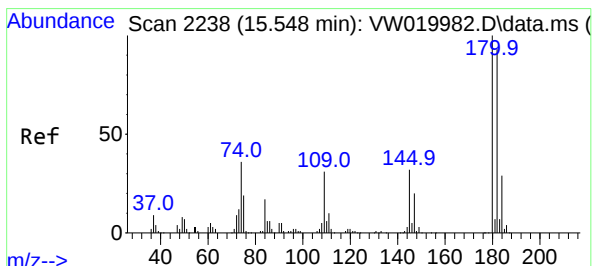
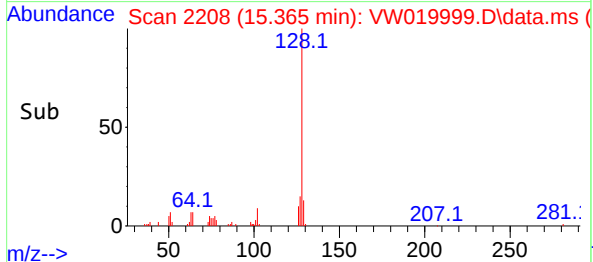
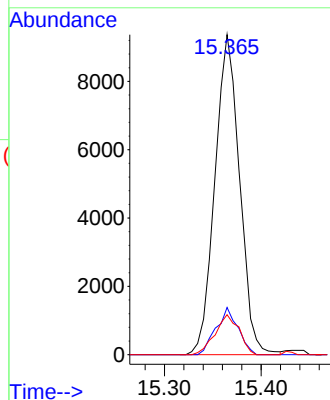
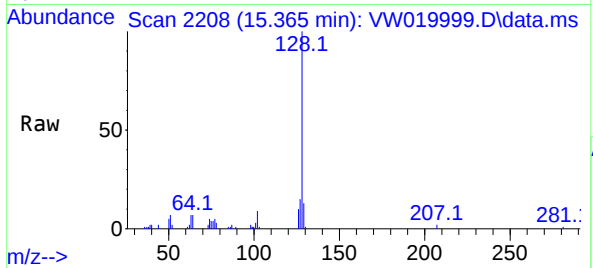
#95
Naphthalene
Concen: 3.669 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Tgt Ion:	128	Resp:	16591
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	12.2	8.7	13.1

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
APPROVED

MMDadoda
9/10/2021 10:50:13 AM



#96
1,2,3-Trichlorobenzene
Concen: 4.054 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW019999.D
Acq: 08 Sep 2021 13:47

Tgt Ion:	180	Resp:	9288
Ion Ratio	Lower	Upper	
180	100		
182	93.4	47.9	143.7
145	34.9	16.4	49.2

