

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052421\
 Data File : VW019072.D
 Acq On : 24 May 2021 18:21
 Operator : SY/VA
 Sample : M2262-01 4PPBLOD
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 5/25/2021 5:58:48 PM

Quant Time: May 25 04:31:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 25 04:30:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	340558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	601562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	546854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	262734	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	240980	56.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.90%	
35) Dibromofluoromethane	7.884	113	213445	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
50) Toluene-d8	10.323	98	864633	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.615	95	303532	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	7184	2.99	ug/l	96
3) Chloromethane	2.209	50	10457	3.94	ug/l	100
4) Vinyl Chloride	2.367	62	13803	3.32	ug/l	96
5) Bromomethane	2.776	94	11365	3.38	ug/l	92
6) Chloroethane	2.928	64	9451	3.42	ug/l	98
7) Trichlorofluoromethane	3.257	101	6817	2.83	ug/l	90
8) Diethyl Ether	3.678	74	7167	3.77	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.086	101	12776m	3.51	ug/l	
10) Methyl Iodide	4.281	142	17917	3.46	ug/l	100
11) Tert butyl alcohol	5.171	59	8428	40.36	ug/l #	89
12) 1,1-Dichloroethene	4.044	96	12626	3.33	ug/l	98
13) Acrolein	3.897	56	4283	16.60	ug/l	99
14) Allyl chloride	4.665	41	16711	3.30	ug/l	98
15) Acrylonitrile	5.367	53	12059	17.26	ug/l	97
16) Acetone	4.135	43	15432	23.49	ug/l	90
17) Carbon Disulfide	4.391	76	33202	3.24	ug/l	98
18) Methyl Acetate	4.684	43	7660	4.31	ug/l	95
19) Methyl tert-butyl Ether	5.421	73	16298	3.53	ug/l	96
20) Methylene Chloride	4.915	84	69877	14.67	ug/l	95
21) trans-1,2-Dichloroethene	5.434	96	15482	3.66	ug/l #	92
22) Diisopropyl ether	6.312	45	33929	3.46	ug/l #	89
23) Vinyl Acetate	6.263	43	101483	15.69	ug/l	96
24) 1,1-Dichloroethane	6.220	63	26248	3.45	ug/l	99
25) 2-Butanone	7.177	43	20476	21.11	ug/l	93
26) 2,2-Dichloropropane	7.165	77	17790	4.09	ug/l	91
27) cis-1,2-Dichloroethene	7.171	96	16443	3.54	ug/l	89
28) Bromochloromethane	7.513	49	11630	3.87	ug/l	94
29) Tetrahydrofuran	7.537	42	10376	18.89	ug/l	97
30) Chloroform	7.677	83	28290	3.69	ug/l	96
31) Cyclohexane	7.951	56	28258	4.37	ug/l #	70
32) 1,1,1-Trichloroethane	7.878	97	20581	3.49	ug/l	98
36) 1,1-Dichloropropene	8.086	75	22052	3.28	ug/l	99
37) Ethyl Acetate	7.263	43	9574	3.95	ug/l	98
38) Carbon Tetrachloride	8.067	117	18236	3.06	ug/l	97
39) Methylcyclohexane	9.335	83	23727	3.18	ug/l	98
40) Benzene	8.323	78	61910	3.38	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052421\
 Data File : VW019072.D
 Acq On : 24 May 2021 18:21
 Operator : SY/VA
 Sample : M2262-01 4PPBLOD
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 5/25/2021 5:58:48 PM

Quant Time: May 25 04:31:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 25 04:30:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	4364	3.08	ug/l	91
42) 1,2-Dichloroethane	8.403	62	19151	3.55	ug/l	99
43) Isopropyl Acetate	8.427	43	14810	3.17	ug/l	98
44) Trichloroethene	9.092	130	15456	3.21	ug/l	98
45) 1,2-Dichloropropane	9.366	63	15084	3.40	ug/l	95
46) Dibromomethane	9.457	93	7833	3.39	ug/l	96
47) Bromodichloromethane	9.646	83	18987	3.19	ug/l #	89
48) Methyl methacrylate	9.439	41	6921	3.16	ug/l	99
49) 1,4-Dioxane	9.451	88	1772	63.83	ug/l #	73
51) 4-Methyl-2-Pentanone	10.213	43	40750	17.15	ug/l	99
52) Toluene	10.390	92	39091	3.35	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	17597	2.97	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	21720	3.09	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	11237	3.43	ug/l	95
56) Ethyl methacrylate	10.646	69	12186	2.97	ug/l	94
57) 1,3-Dichloropropane	10.933	76	19500	3.34	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	33966	16.40	ug/l	99
59) 2-Hexanone	10.969	43	24846	15.55	ug/l	99
60) Dibromochloromethane	11.128	129	11268	3.09	ug/l	97
61) 1,2-Dibromoethane	11.237	107	10256	3.33	ug/l	98
64) Tetrachloroethene	10.866	164	13609	3.47	ug/l	92
65) Chlorobenzene	11.658	112	39936	3.28	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	13139	3.16	ug/l	100
67) Ethyl Benzene	11.731	91	73665	3.19	ug/l	93
68) m/p-Xylenes	11.841	106	52468	6.20	ug/l	96
69) o-Xylene	12.164	106	24325	3.04	ug/l	96
70) Styrene	12.182	104	39114	2.93	ug/l	96
71) Bromoform	12.347	173	5580	2.79	ug/l #	98
73) Isopropylbenzene	12.463	105	67152	3.13	ug/l	99
74) N-amyl acetate	12.274	43	12749	2.96	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.713	83	13350	3.65	ug/l	96
76) 1,2,3-Trichloropropane	12.768	75	10412m	4.16	ug/l	
77) Bromobenzene	12.749	156	14951	3.26	ug/l	92
78) n-propylbenzene	12.804	91	84274	3.17	ug/l	100
79) 2-Chlorotoluene	12.890	91	48114	3.21	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	57304	3.17	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	2791m	2.52	ug/l	
82) 4-Chlorotoluene	12.987	91	52483	3.32	ug/l	96
83) tert-Butylbenzene	13.207	119	48985	3.18	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	58266	3.23	ug/l	96
85) sec-Butylbenzene	13.383	105	73336	3.17	ug/l	99
86) p-Isopropyltoluene	13.499	119	60879	3.09	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	31719	3.34	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	32069	3.43	ug/l	92
89) n-Butylbenzene	13.822	91	60487	3.07	ug/l	99
90) Hexachloroethane	14.091	117	9363	3.01	ug/l	95
91) 1,2-Dichlorobenzene	13.871	146	27519	3.33	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2188	3.76	ug/l	84
93) 1,2,4-Trichlorobenzene	15.127	180	19094	3.35	ug/l	95
94) Hexachlorobutadiene	15.231	225	10305	3.20	ug/l	92
95) Naphthalene	15.365	128	32336	3.23	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	17144	3.55	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052421\
Data File : VW019072.D
Acq On : 24 May 2021 18:21
Operator : SY/VA
Sample : M2262-01 4PPBLOD
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

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

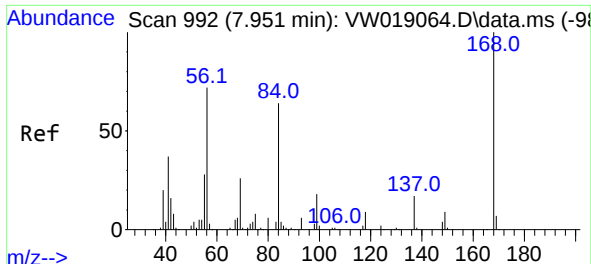
Manual Integrations
APPROVED

MMDadoda
5/25/2021 5:58:48 PM

Quant Time: May 25 04:31:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
Quant Title : SW846 8260
QLast Update : Tue May 25 04:30:53 2021
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed



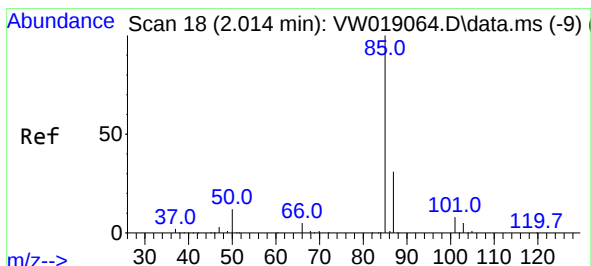
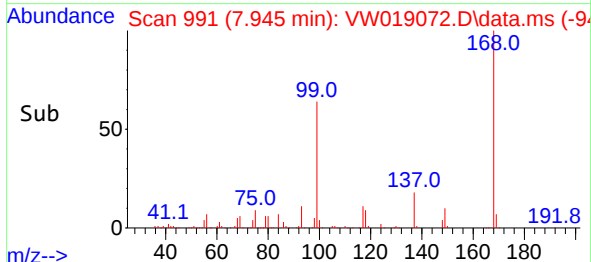
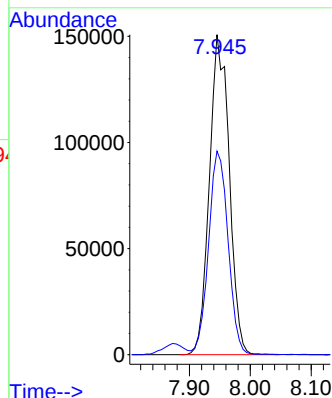
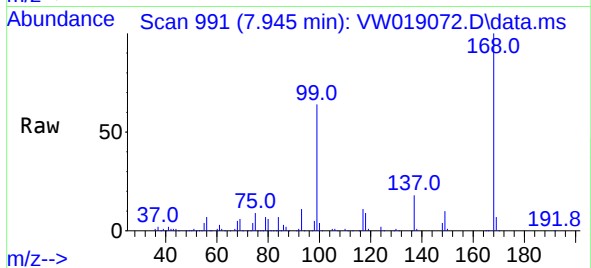
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion: 168 Resp: 340558
Ion Ratio Lower Upper
168 100
99 63.6 48.8 73.2

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

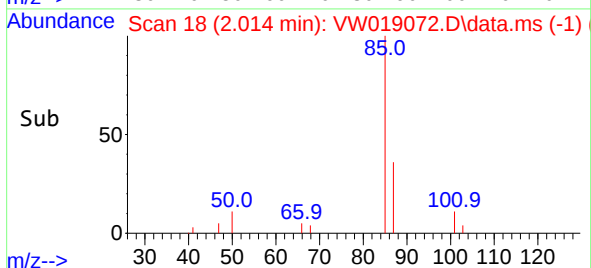
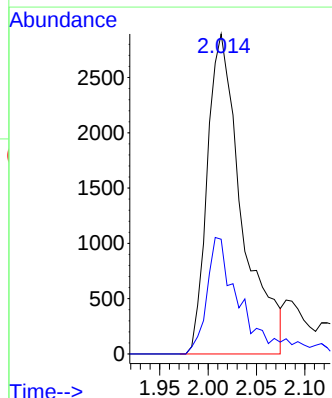
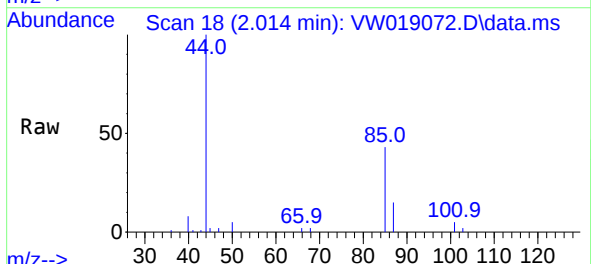
Manual Integrations
APPROVED

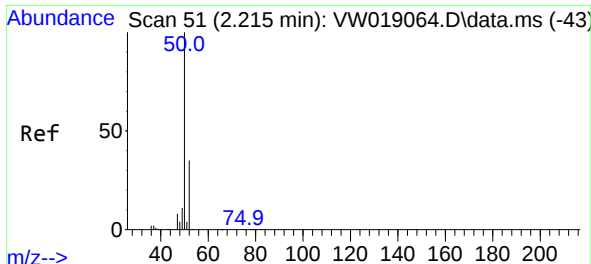
MMDadoda
5/25/2021 5:58:48 PM



#2
Dichlorodifluoromethane
Concen: 2.99 ug/l
RT: 2.014 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion: 85 Resp: 7184
Ion Ratio Lower Upper
85 100
87 35.8 16.7 50.0





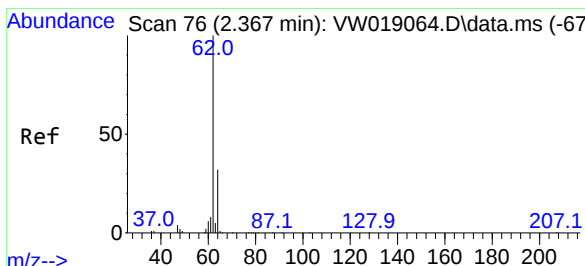
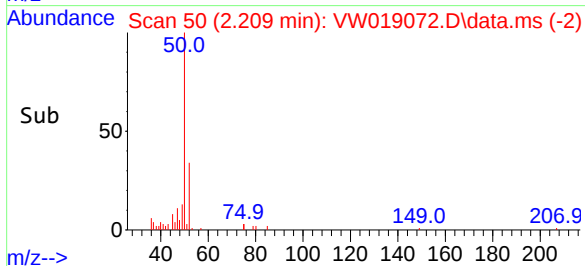
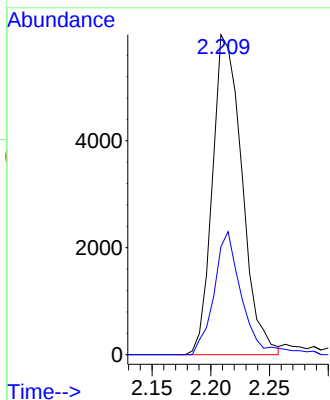
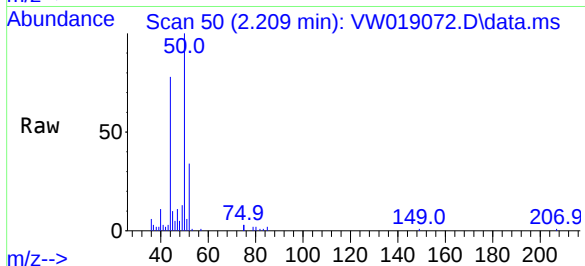
#3
Chloromethane
Concen: 3.94 ug/l
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion: 50 Resp: 10457
Ion Ratio Lower Upper
50 100
52 33.7 26.9 40.3

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

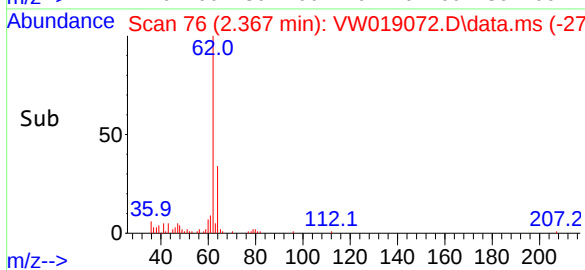
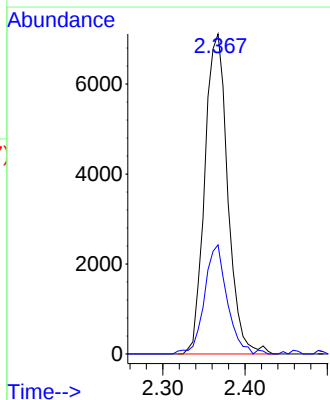
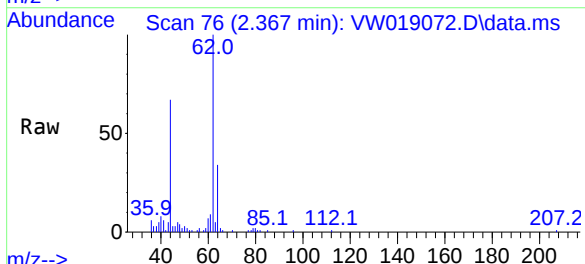
Manual Integrations
APPROVED

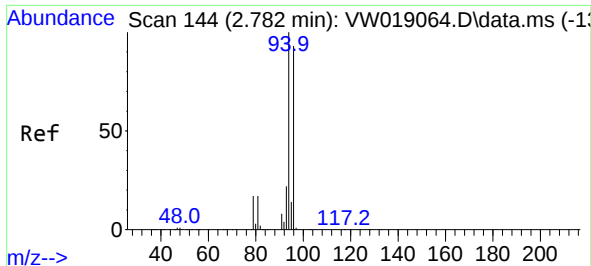
MMDadoda
5/25/2021 5:58:48 PM



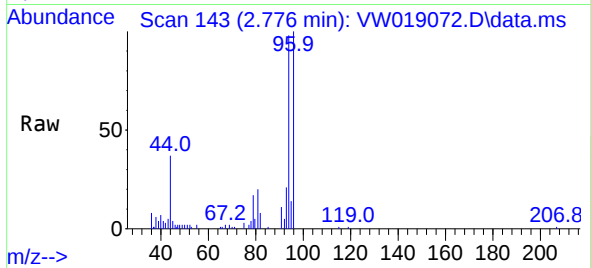
#4
Vinyl Chloride
Concen: 3.32 ug/l
RT: 2.367 min Scan# 76
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion: 62 Resp: 13803
Ion Ratio Lower Upper
62 100
64 34.1 25.3 37.9

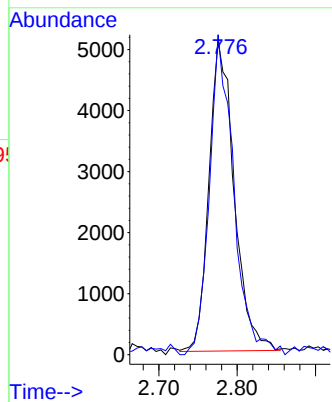
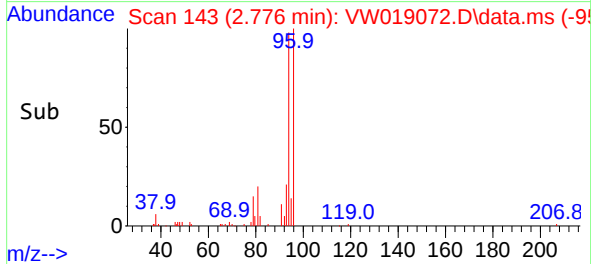




#5
Bromomethane
Concen: 3.38 ug/l
RT: 2.776 min Scan# 143
Delta R.T. -0.006 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



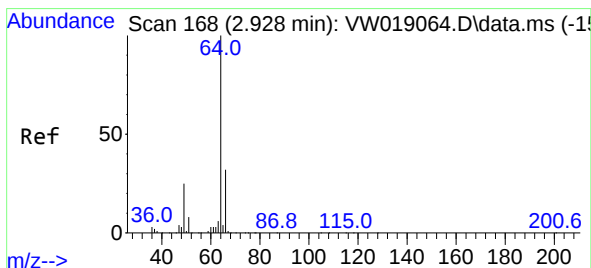
Tgt Ion: 94 Resp: 11365
Ion Ratio Lower Upper
94 100
96 103.1 76.4 114.6



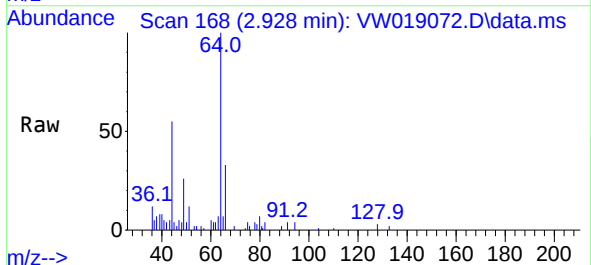
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

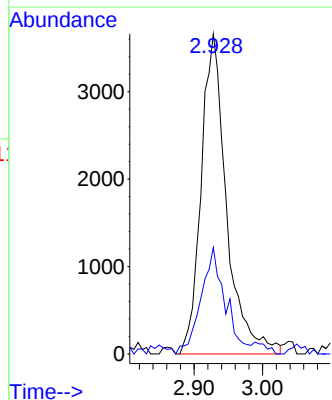
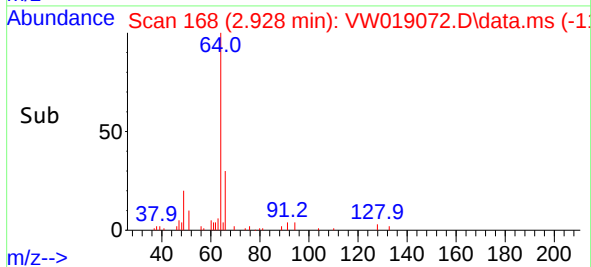
MMDadoda
5/25/2021 5:58:48 PM

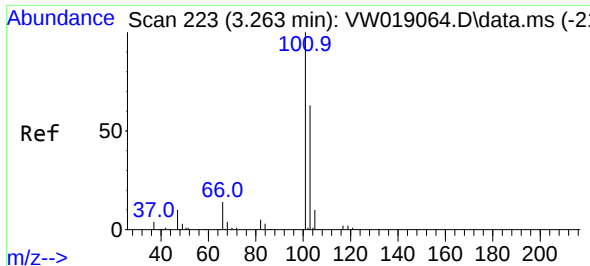


#6
Chloroethane
Concen: 3.42 ug/l
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



Tgt Ion: 64 Resp: 9451
Ion Ratio Lower Upper
64 100
66 33.3 25.9 38.9





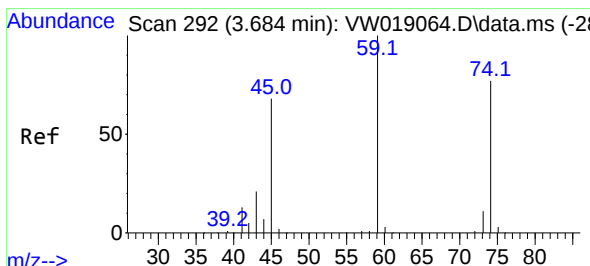
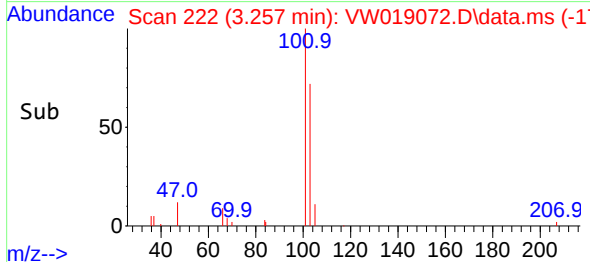
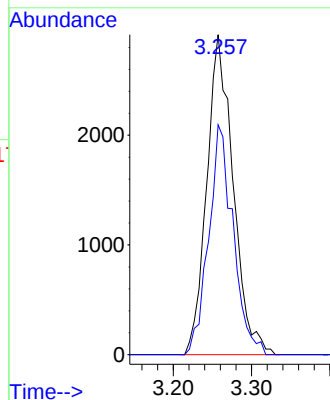
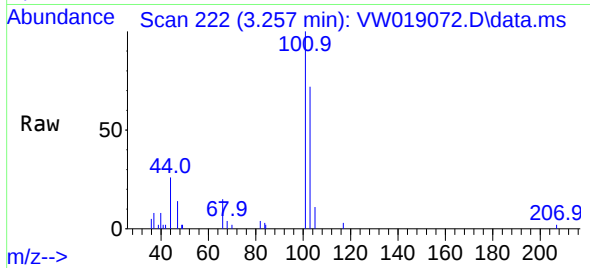
#7
Trichlorofluoromethane
Concen: 2.83 ug/l
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion:101 Resp: 6817
Ion Ratio Lower Upper
101 100
103 71.9 51.4 77.2

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

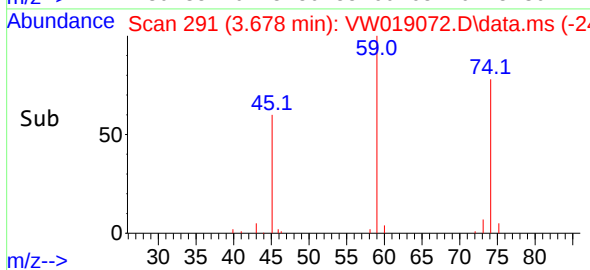
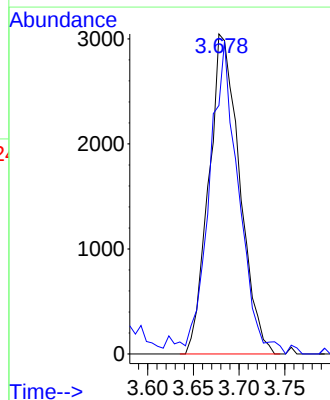
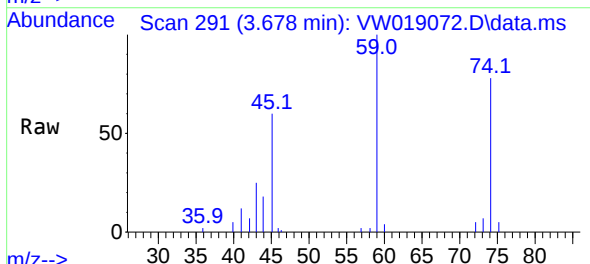
Manual Integrations
APPROVED

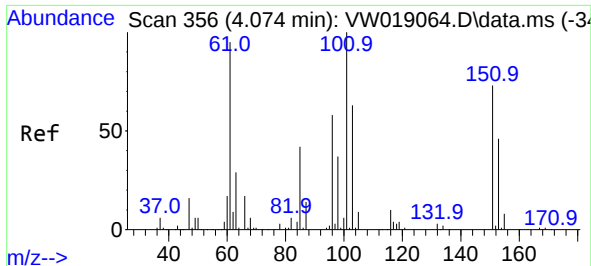
MMDadoda
5/25/2021 5:58:48 PM



#8
Diethyl Ether
Concen: 3.77 ug/l
RT: 3.678 min Scan# 291
Delta R.T. -0.006 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion: 74 Resp: 7167
Ion Ratio Lower Upper
74 100
45 91.7 43.3 129.8





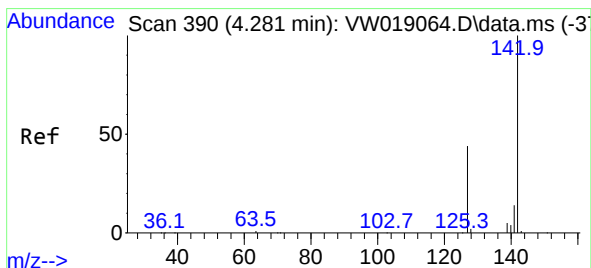
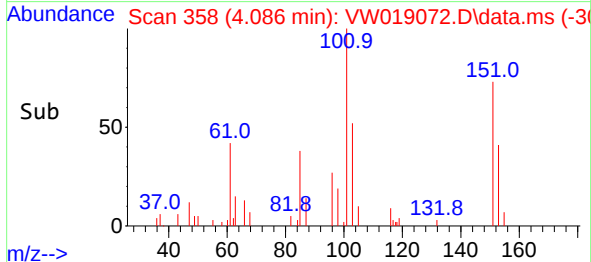
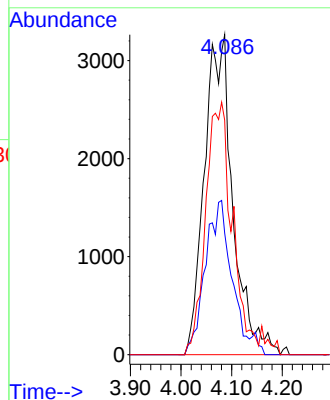
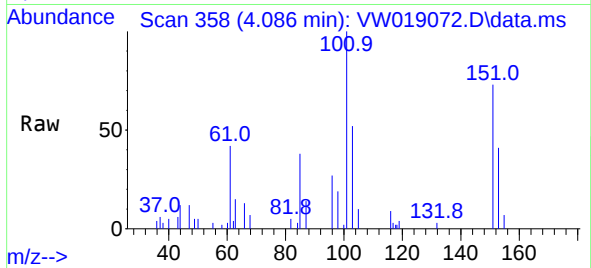
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.51 ug/l m
RT: 4.086 min Scan# 358
Delta R.T. 0.012 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion:101 Resp: 12776
Ion Ratio Lower Upper
101 100
85 44.0 35.9 53.9
151 73.4 59.8 89.6

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

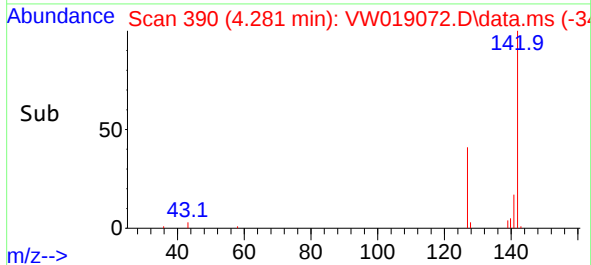
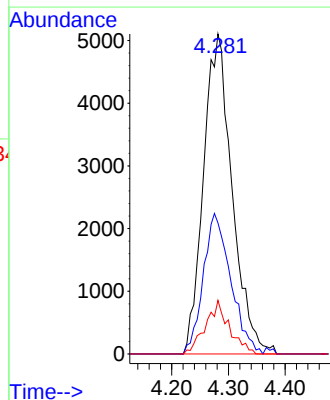
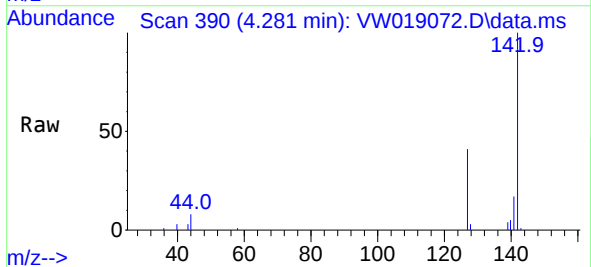
Manual Integrations
APPROVED

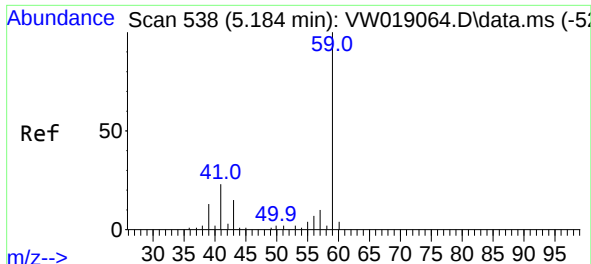
MMDadoda
5/25/2021 5:58:48 PM



#10
Methyl Iodide
Concen: 3.46 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion:142 Resp: 17917
Ion Ratio Lower Upper
142 100
127 42.1 33.7 50.5
141 13.9 11.2 16.8





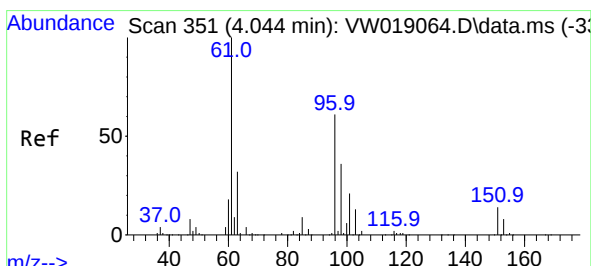
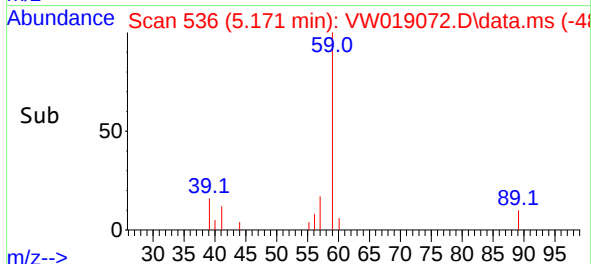
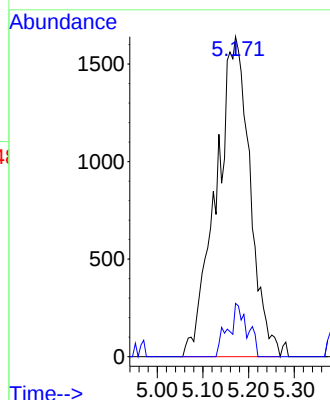
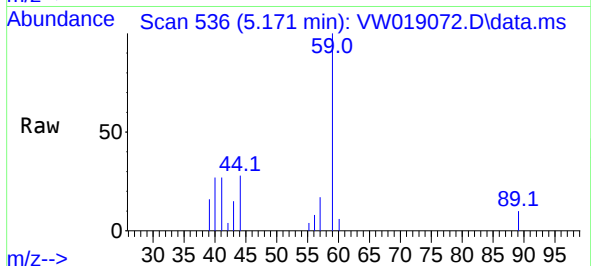
#11
Tert butyl alcohol
Concen: 40.36 ug/l
RT: 5.171 min Scan# 536
Delta R.T. -0.013 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion: 59 Resp: 8428
Ion Ratio Lower Upper
59 100
57 6.7 8.9 13.3#

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

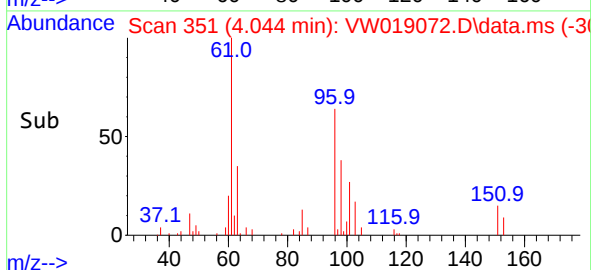
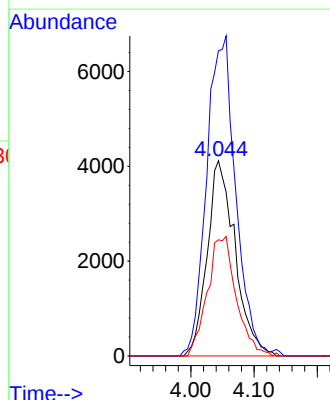
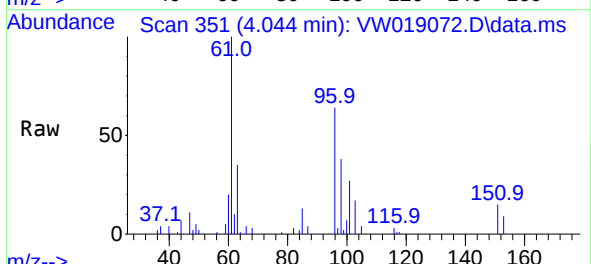
Manual Integrations
APPROVED

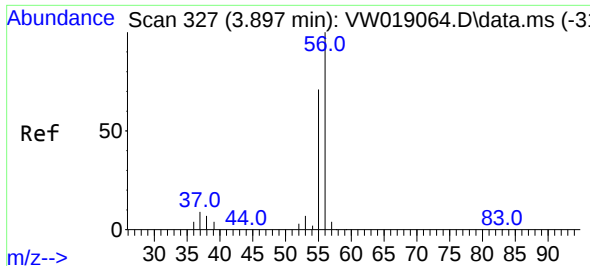
MMDadoda
5/25/2021 5:58:48 PM



#12
1,1-Dichloroethene
Concen: 3.33 ug/l
RT: 4.044 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion: 96 Resp: 12626
Ion Ratio Lower Upper
96 100
61 156.4 123.0 184.4
98 59.5 47.5 71.3





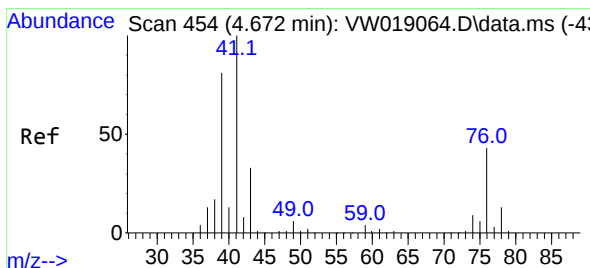
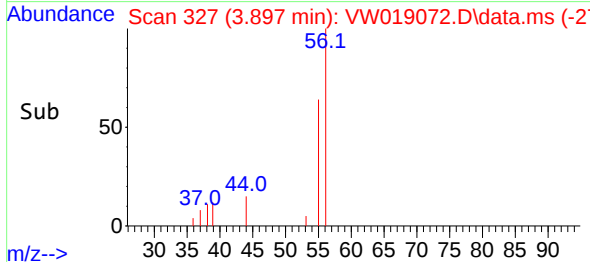
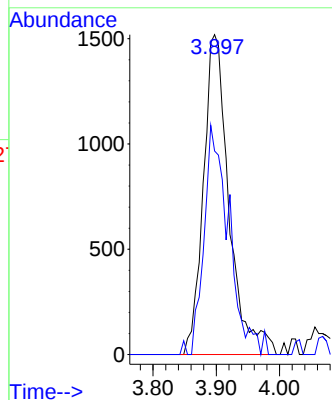
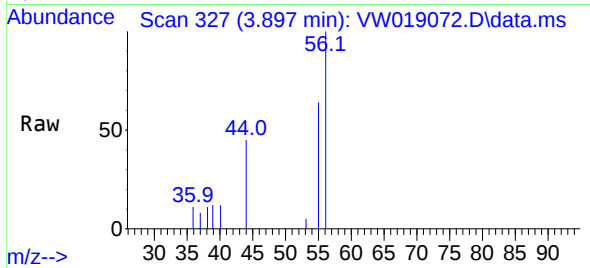
#13
Acrolein
Concen: 16.60 ug/l
RT: 3.897 min Scan# 327
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion: 56 Resp: 4283
Ion Ratio Lower Upper
56 100
55 70.1 56.7 85.1

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

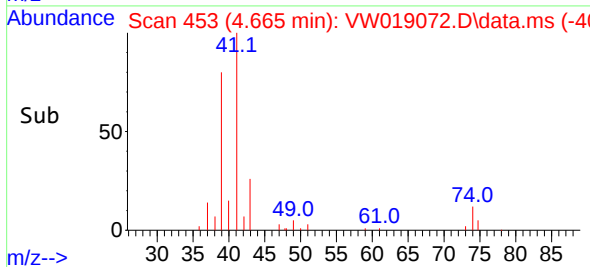
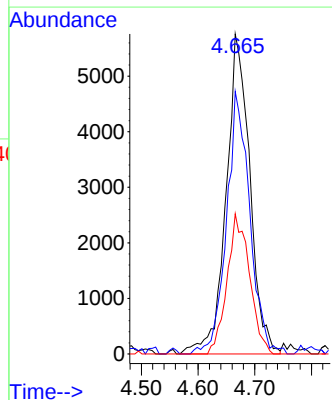
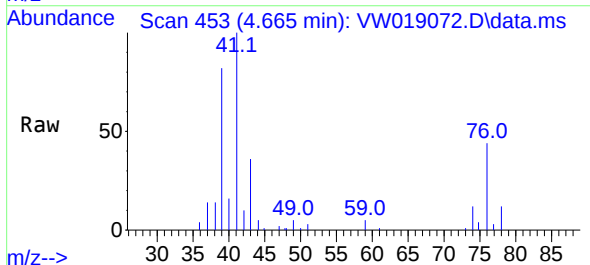
Manual Integrations
APPROVED

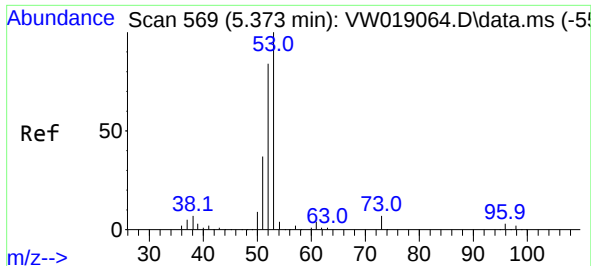
MMDadoda
5/25/2021 5:58:48 PM



#14
Allyl chloride
Concen: 3.30 ug/l
RT: 4.665 min Scan# 453
Delta R.T. -0.007 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion: 41 Resp: 16711
Ion Ratio Lower Upper
41 100
39 80.4 63.9 95.9
76 41.5 35.1 52.7





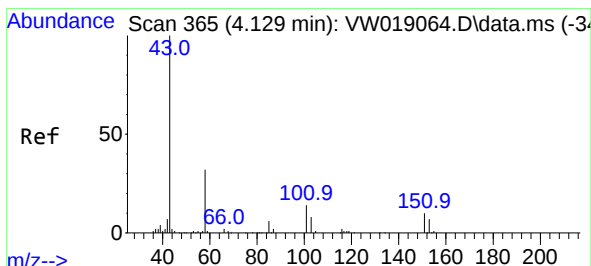
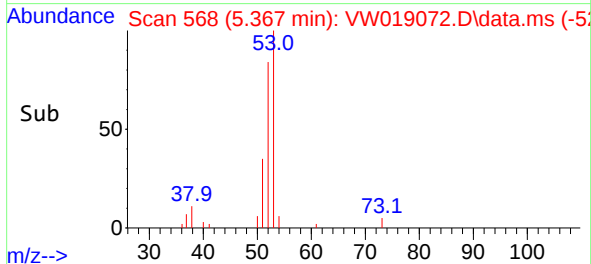
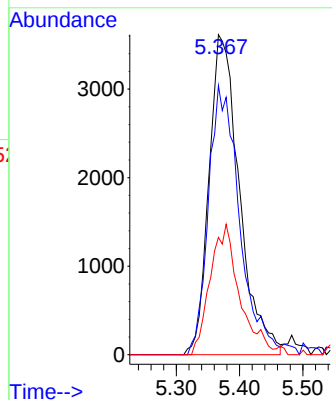
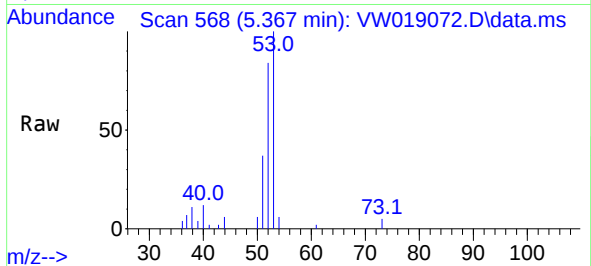
#15
Acrylonitrile
Concen: 17.26 ug/l
RT: 5.367 min Scan# 568
Delta R.T. -0.006 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion:	53	Resp:	12059
Ion	Ratio	Lower	Upper
53	100		
52	85.4	66.5	99.7
51	39.3	29.8	44.8

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

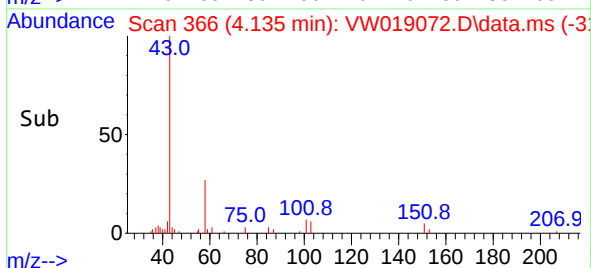
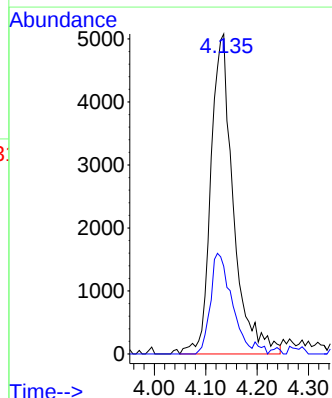
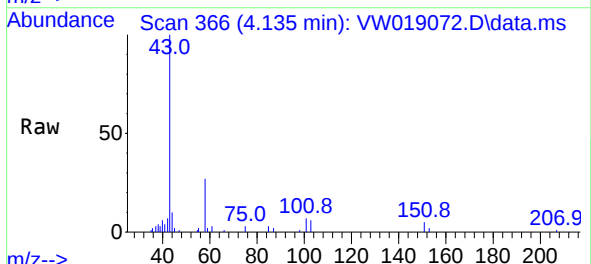
Manual Integrations
APPROVED

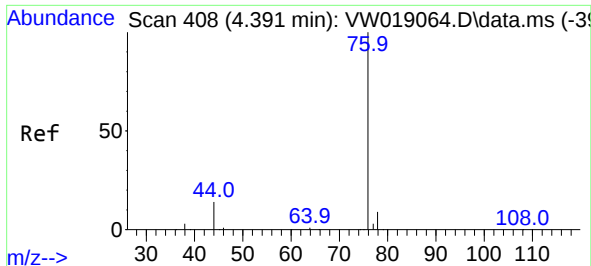
MMDadoda
5/25/2021 5:58:48 PM



#16
Acetone
Concen: 23.49 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

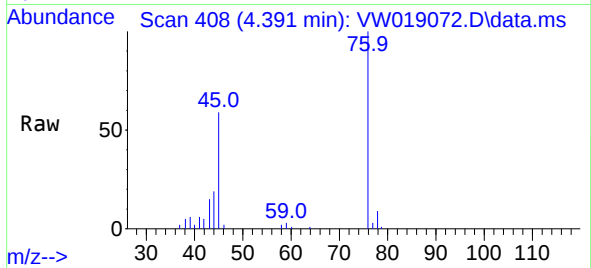
Tgt Ion:	43	Resp:	15432
Ion	Ratio	Lower	Upper
43	100		
58	27.4	26.4	39.6



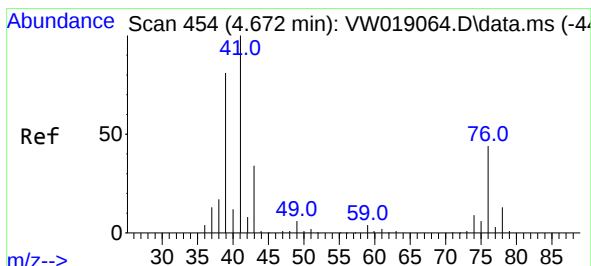
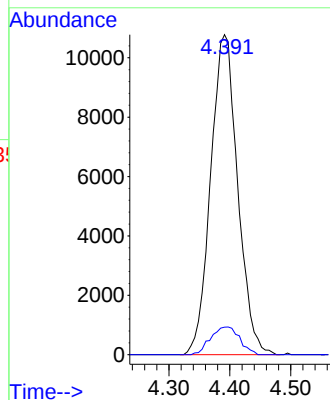
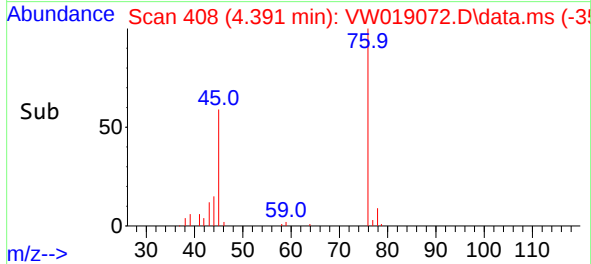


#17
Carbon Disulfide
Concen: 3.24 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

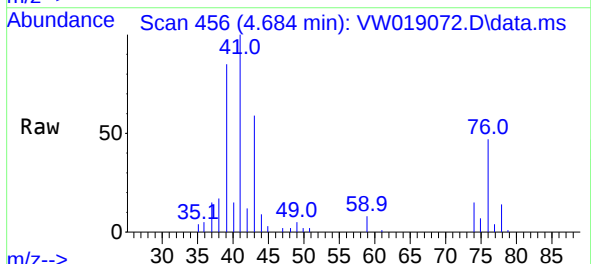
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



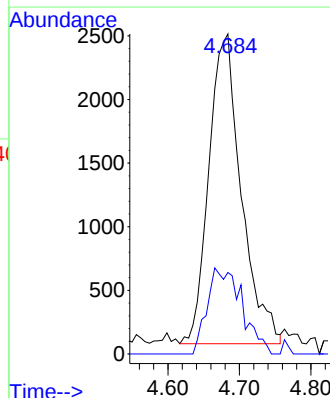
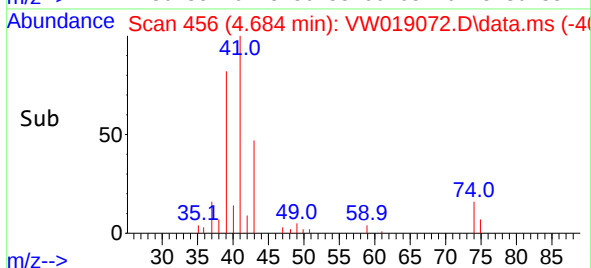
Tgt Ion: 76 Resp: 33202
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

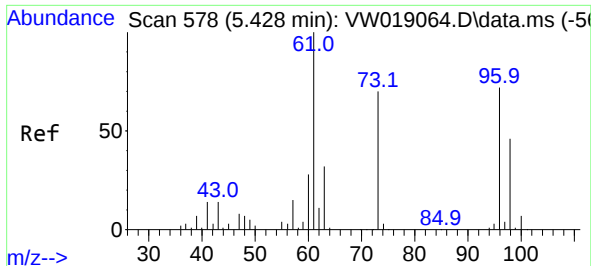


#18
Methyl Acetate
Concen: 4.31 ug/l
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



Tgt Ion: 43 Resp: 7660
Ion Ratio Lower Upper
43 100
74 29.9 21.8 32.8





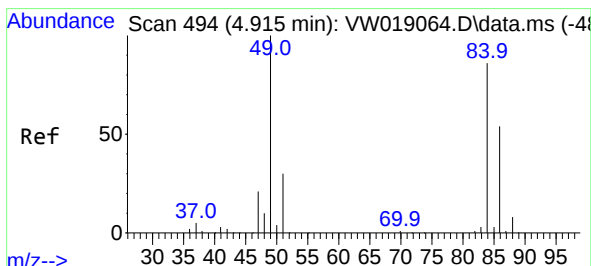
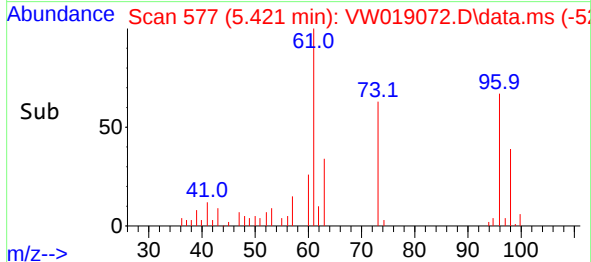
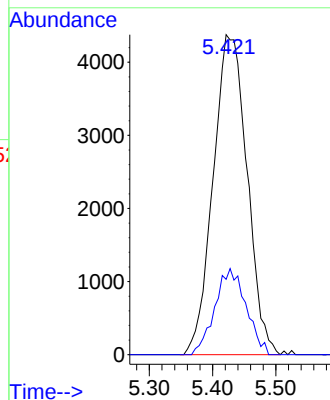
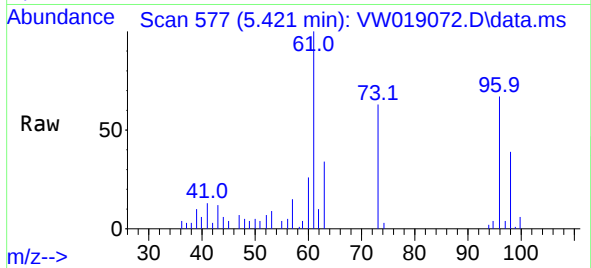
#19
Methyl tert-butyl Ether
Concen: 3.53 ug/l
RT: 5.421 min Scan# 577
Delta R.T. -0.007 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion: 73 Resp: 16298
Ion Ratio Lower Upper
73 100
57 23.5 17.4 26.0

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

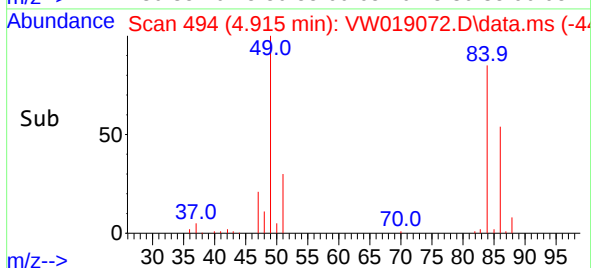
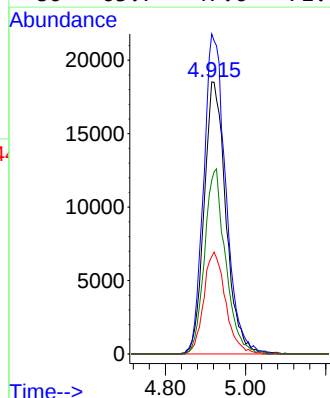
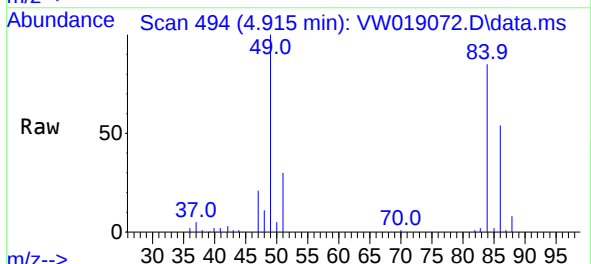
Manual Integrations
APPROVED

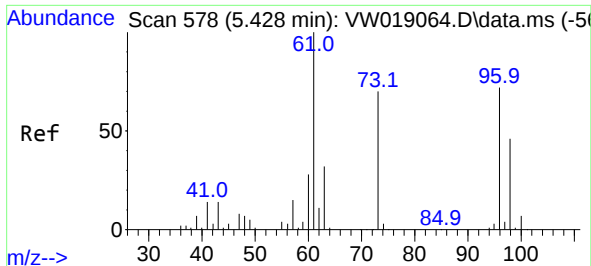
MMDadoda
5/25/2021 5:58:48 PM



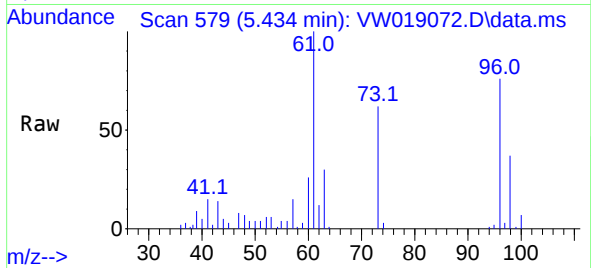
#20
Methylene Chloride
Concen: 14.67 ug/l
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion: 84 Resp: 69877
Ion Ratio Lower Upper
84 100
49 117.6 90.4 135.6
51 35.8 27.1 40.7
86 63.7 47.6 71.4

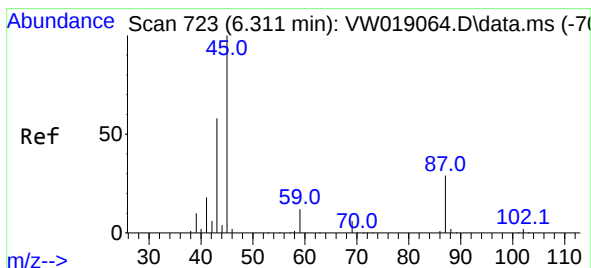
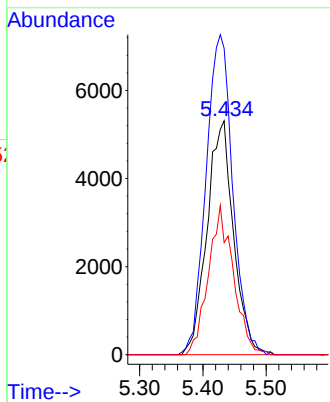
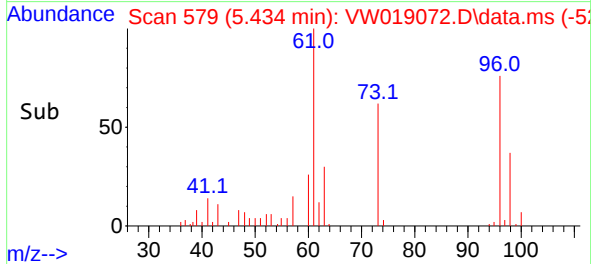




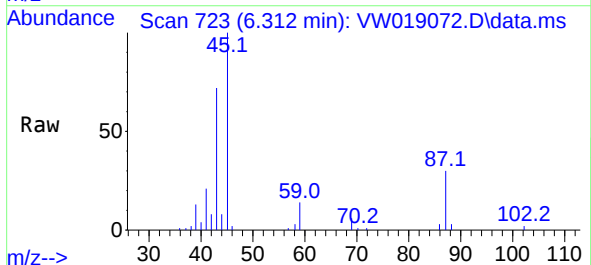
#21
trans-1,2-Dichloroethene
Concen: 3.66 ug/l
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



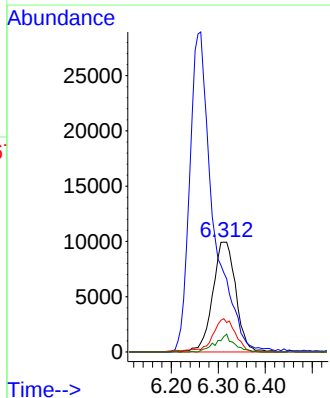
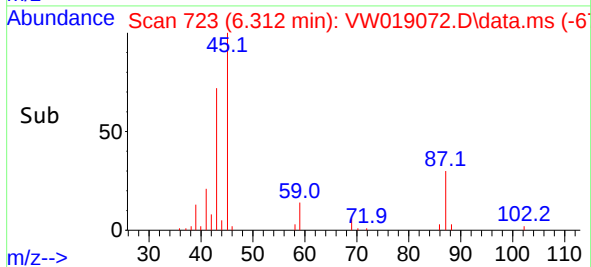
Tgt Ion: 96 Resp: 15482
Ion Ratio Lower Upper
96 100
61 131.1 108.5 162.7
98 48.0 49.4 74.0#



#22
Diisopropyl ether
Concen: 3.46 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



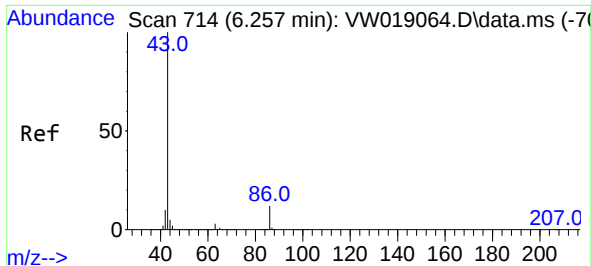
Tgt Ion: 45 Resp: 33929
Ion Ratio Lower Upper
45 100
43 70.0 46.1 69.1#
87 30.3 23.4 35.2
59 13.9 9.7 14.5



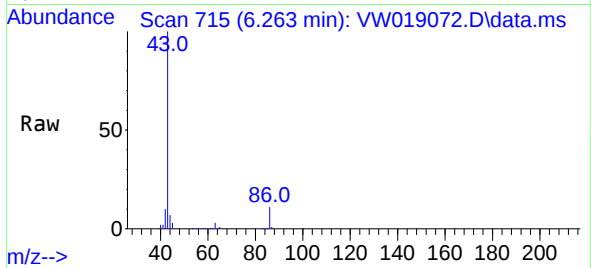
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

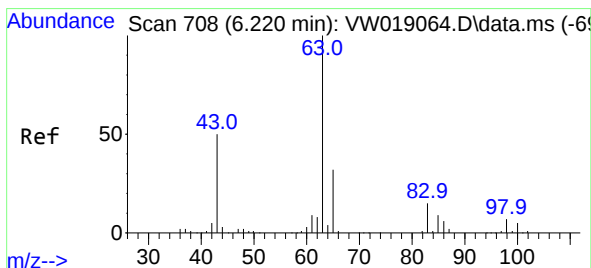
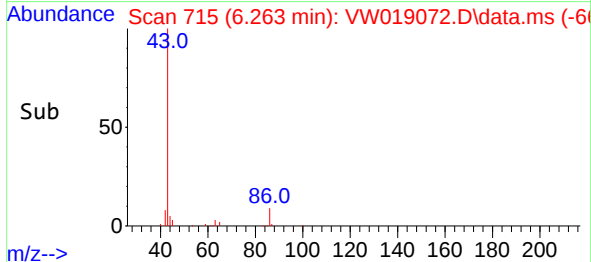
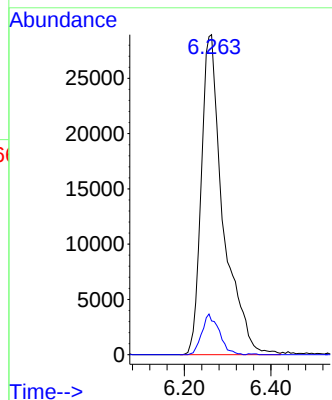
MMDadoda
5/25/2021 5:58:48 PM



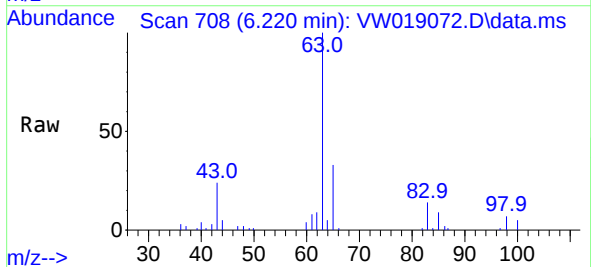
#23
 Vinyl Acetate
 Concen: 15.69 ug/l
 RT: 6.263 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW019072.D
 Acq: 24 May 2021 18:21



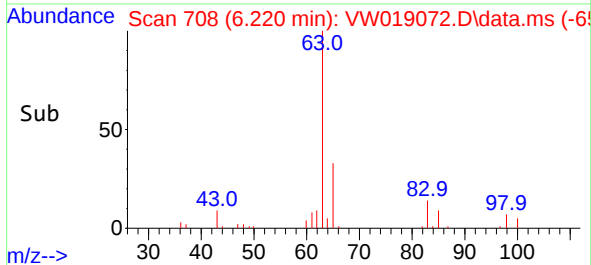
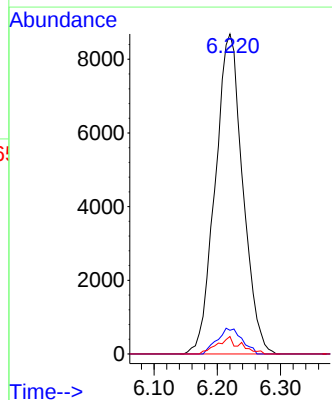
Tgt Ion: 43 Resp: 101483
 Ion Ratio Lower Upper
 43 100
 86 10.5 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 3.45 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. 0.000 min
 Lab File: VW019072.D
 Acq: 24 May 2021 18:21



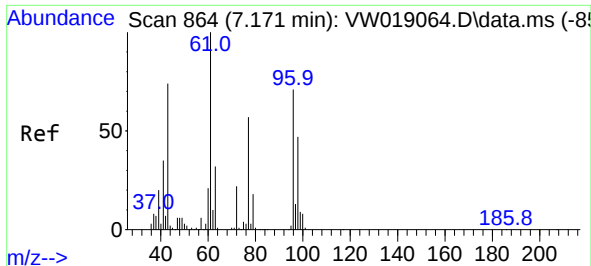
Tgt Ion: 63 Resp: 26248
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 5.4 2.3 6.8



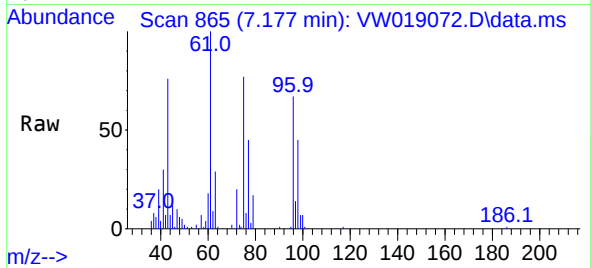
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
 APPROVED

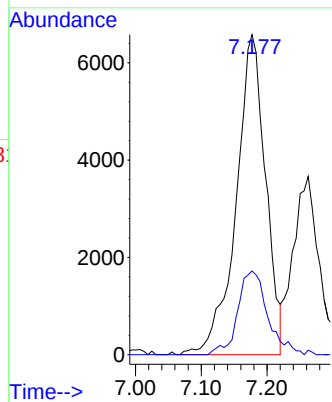
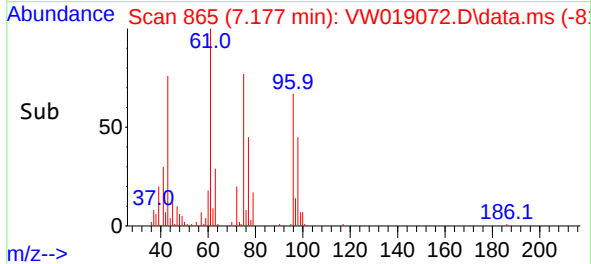
MMDadoda
 5/25/2021 5:58:48 PM



#25
2-Butanone
Concen: 21.11 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



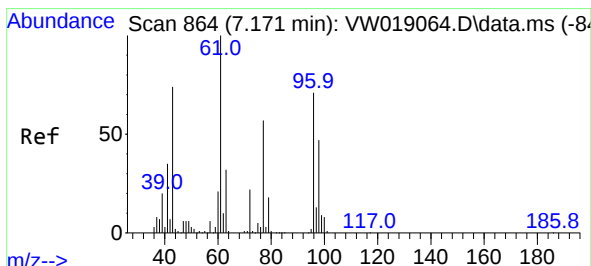
Tgt Ion: 43 Resp: 20476
Ion Ratio Lower Upper
43 100
72 26.2 24.0 36.0



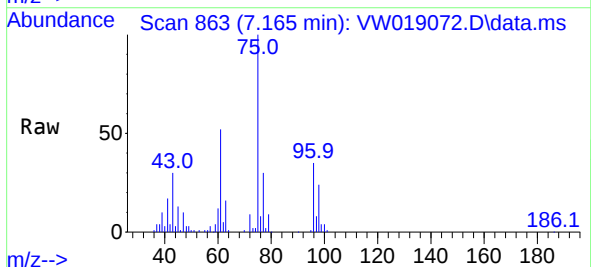
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

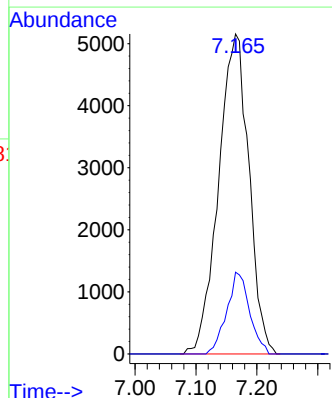
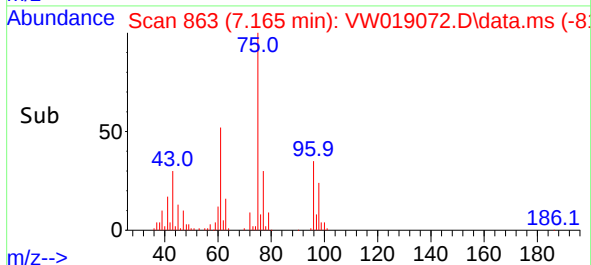
MMDadoda
5/25/2021 5:58:48 PM

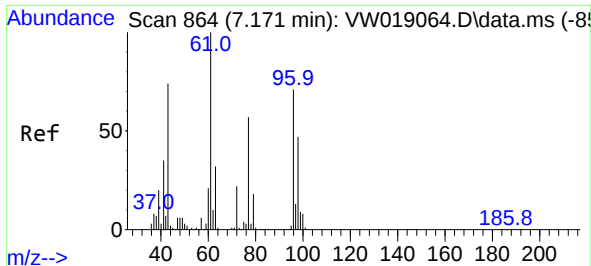


#26
2,2-Dichloropropane
Concen: 4.09 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

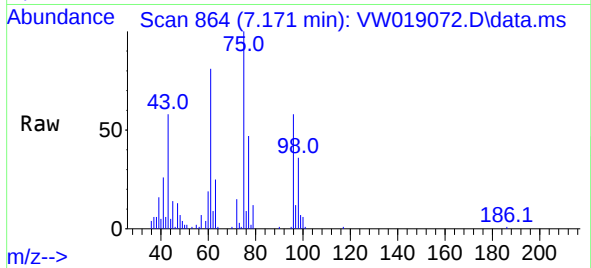


Tgt Ion: 77 Resp: 17790
Ion Ratio Lower Upper
77 100
97 19.2 11.8 35.3



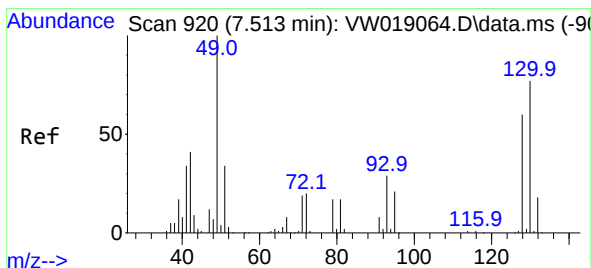
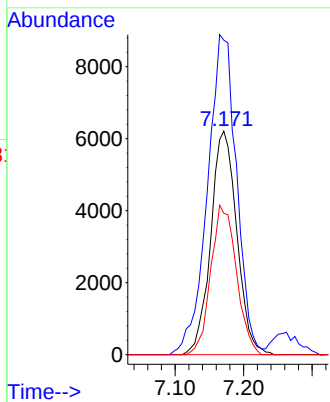
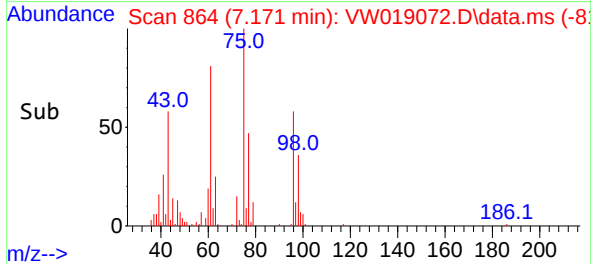


#27
cis-1,2-Dichloroethene
Concen: 3.54 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

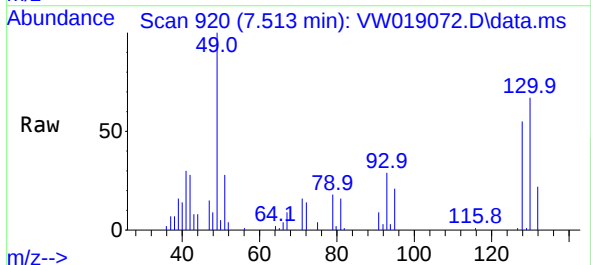


Tgt Ion: 96 Resp: 16443

Ion	Ratio	Lower	Upper
96	100		
61	159.6	0.0	281.2
98	65.4	0.0	127.4

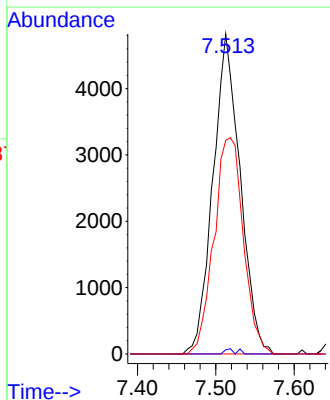
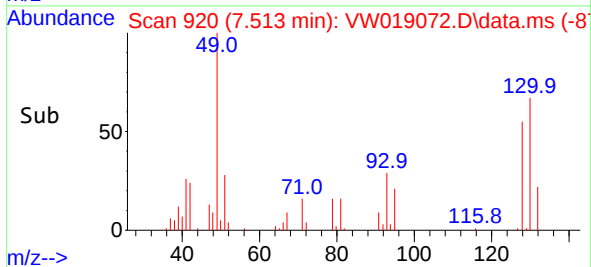


#28
Bromochloromethane
Concen: 3.87 ug/l
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



Tgt Ion: 49 Resp: 11630

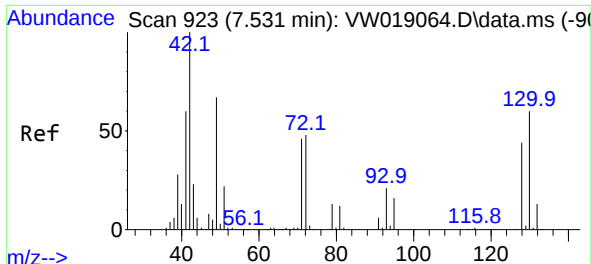
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	4.4
130	73.0	63.0	94.4



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

Manual Integrations
APPROVED

MMDadoda
5/25/2021 5:58:48 PM



#29

Tetrahydrofuran

Concen: 18.89 ug/l

RT: 7.537 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW019072.D

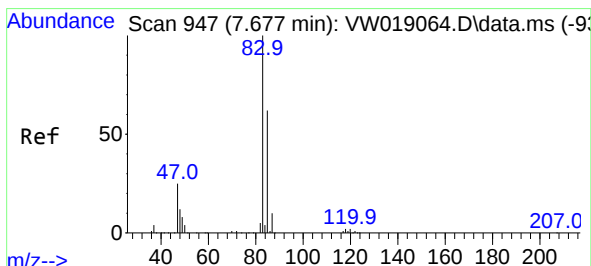
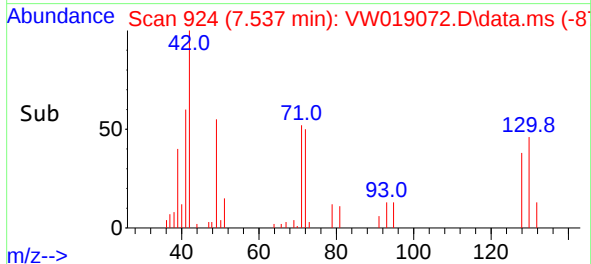
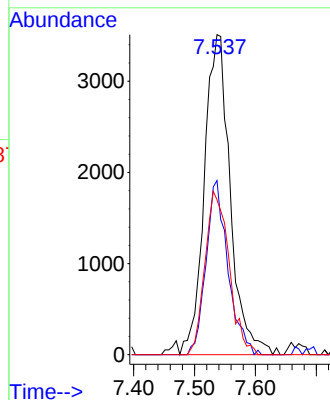
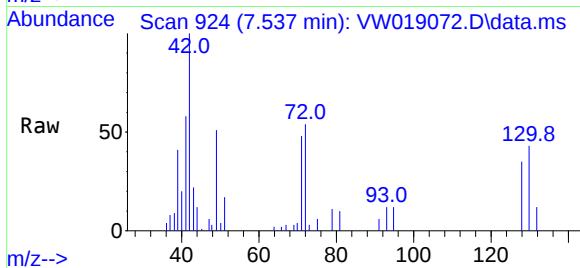
Acq: 24 May 2021 18:21

Tgt Ion:	42	Resp:	10376
Ion	Ratio	Lower	Upper
42	100		
72	46.1	40.1	60.1
71	47.5	38.3	57.5

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

Manual Integrations
APPROVED

MMDadoda
5/25/2021 5:58:48 PM



#30

Chloroform

Concen: 3.69 ug/l

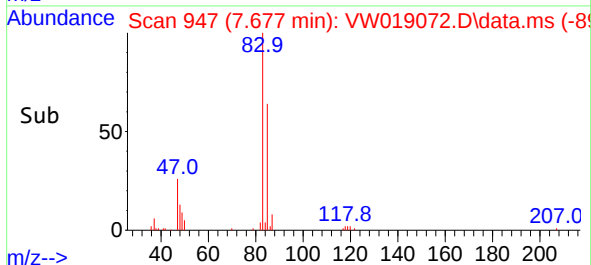
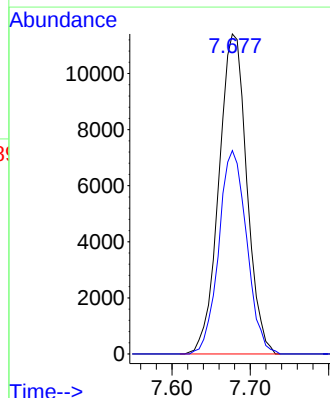
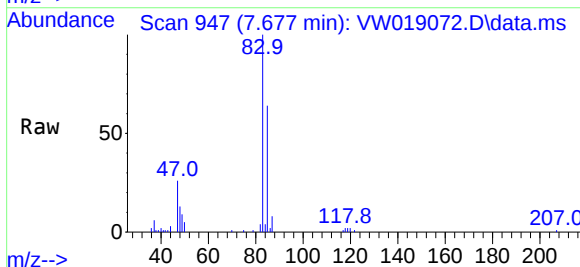
RT: 7.677 min Scan# 947

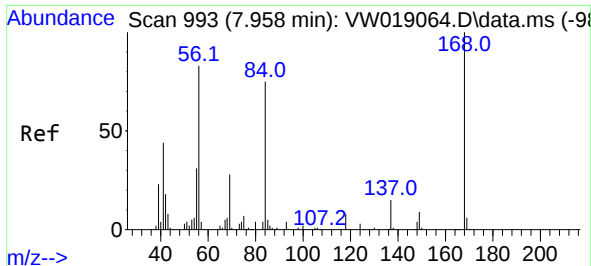
Delta R.T. 0.000 min

Lab File: VW019072.D

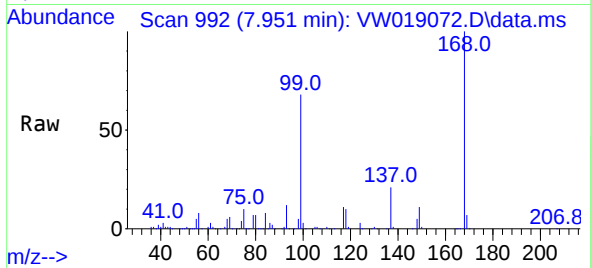
Acq: 24 May 2021 18:21

Tgt Ion:	83	Resp:	28290
Ion	Ratio	Lower	Upper
83	100		
85	63.6	53.4	80.0

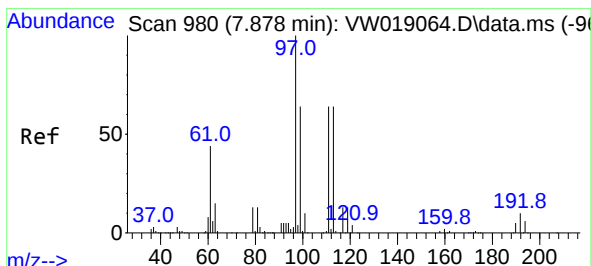
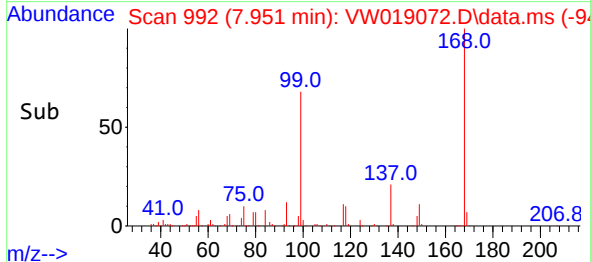
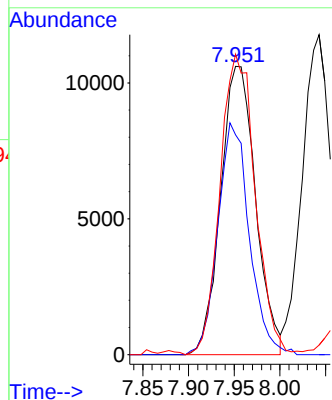




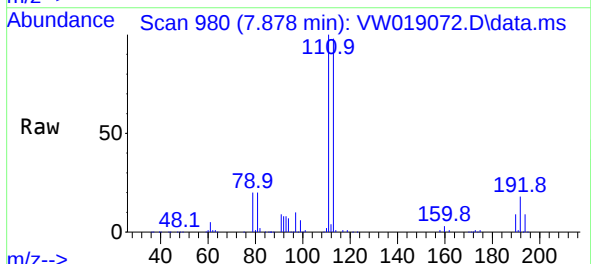
#31
Cyclohexane
Concen: 4.37 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



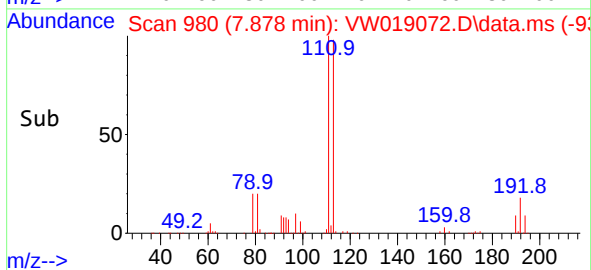
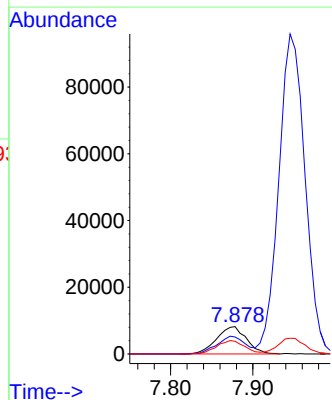
Tgt Ion: 56 Resp: 28258
Ion Ratio Lower Upper
56 100
69 76.3 28.4 42.6#
84 103.5 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 3.49 ug/l
RT: 7.878 min Scan# 980
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



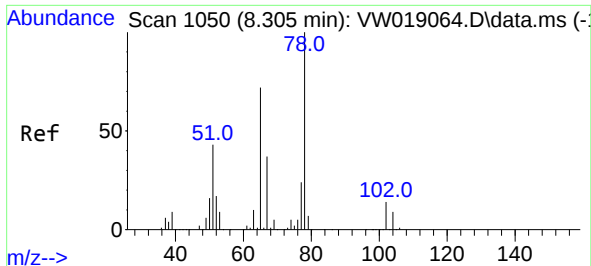
Tgt Ion: 97 Resp: 20581
Ion Ratio Lower Upper
97 100
99 62.5 52.2 78.4
61 46.2 36.7 55.1



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

Manual Integrations
APPROVED

MMDadoda
5/25/2021 5:58:48 PM



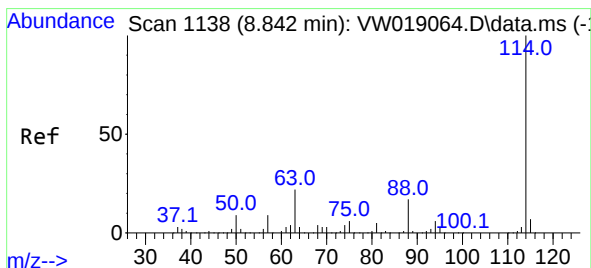
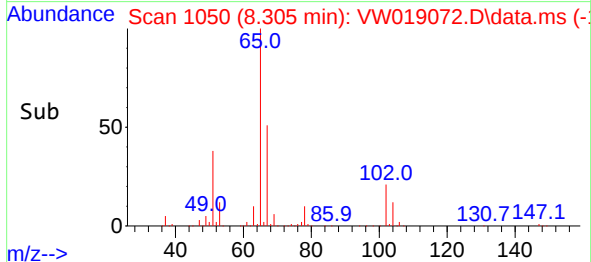
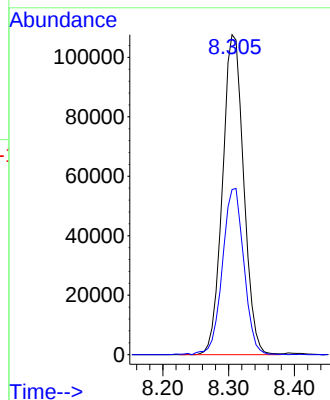
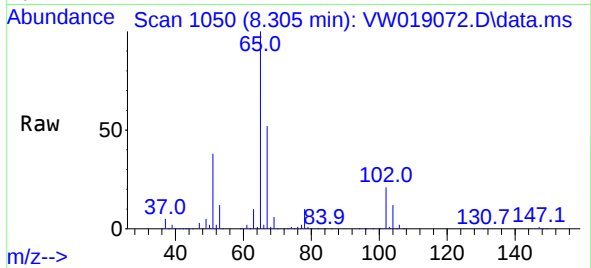
#33
1,2-Dichloroethane-d4
Concen: 56.45 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion: 65 Resp: 240980
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.0

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

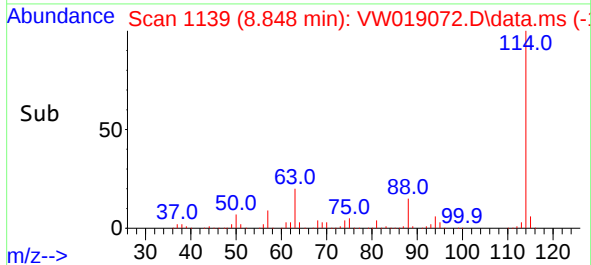
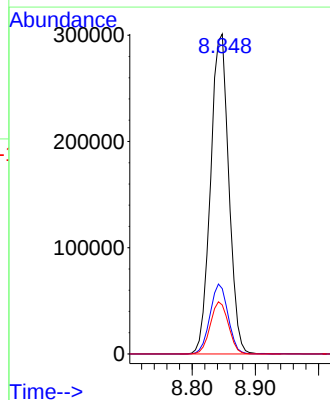
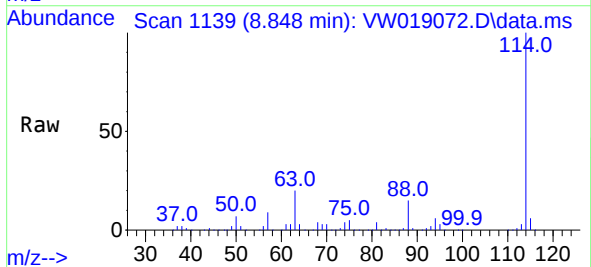
Manual Integrations
APPROVED

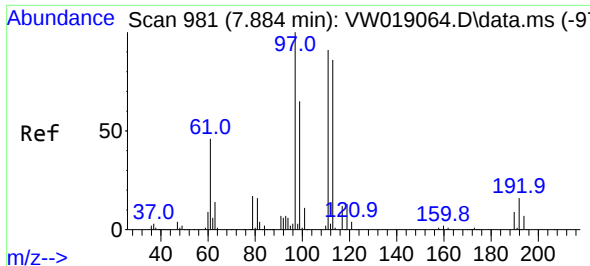
MMDadoda
5/25/2021 5:58:48 PM



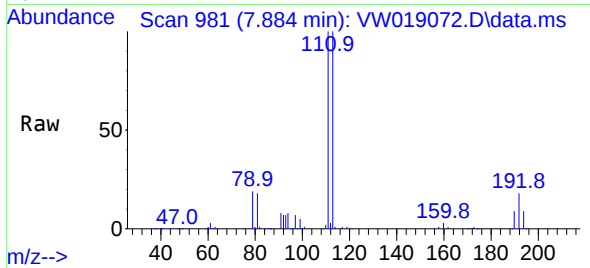
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion: 114 Resp: 601562
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.4
88 15.3 0.0 33.2

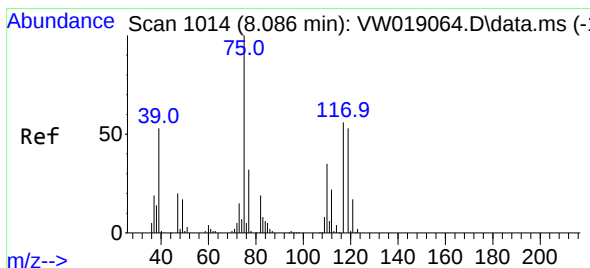
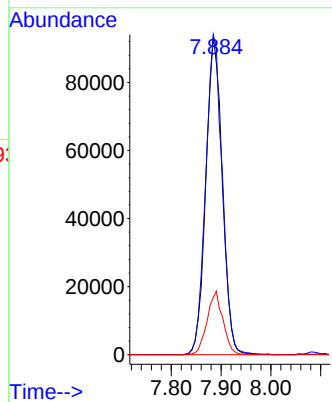
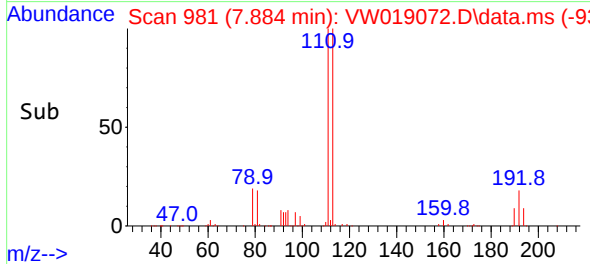




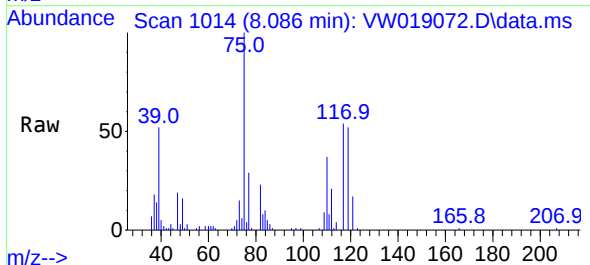
#35
Dibromofluoromethane
Concen: 52.15 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



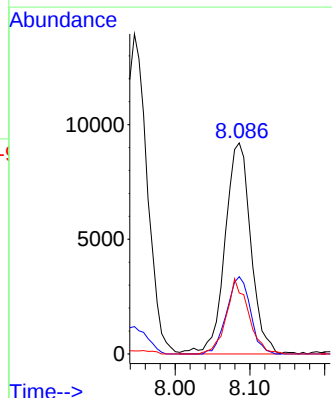
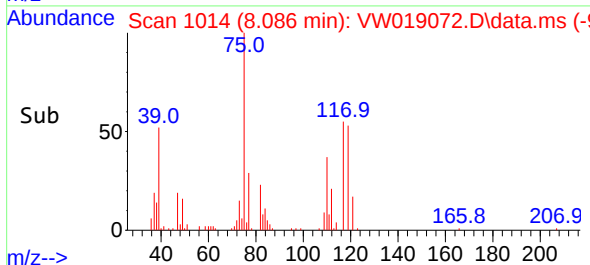
Tgt Ion: 113 Resp: 213445
Ion Ratio Lower Upper
113 100
111 102.0 82.3 123.5
192 19.2 15.3 22.9



#36
1,1-Dichloropropene
Concen: 3.28 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



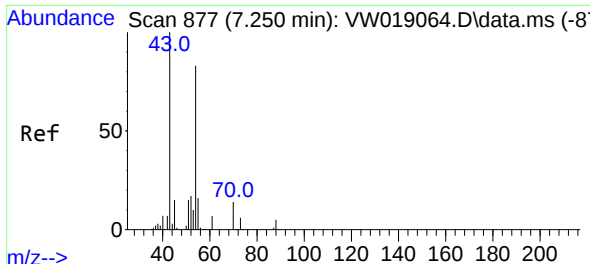
Tgt Ion: 75 Resp: 22052
Ion Ratio Lower Upper
75 100
110 33.7 17.1 51.2
77 30.8 25.3 37.9



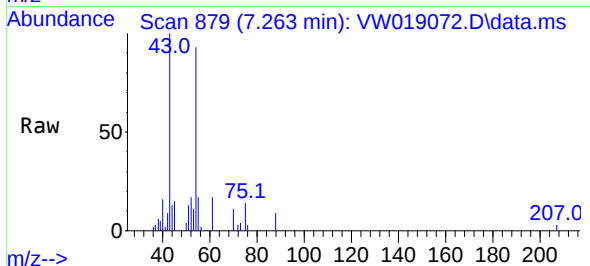
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

MMDadoda
5/25/2021 5:58:48 PM

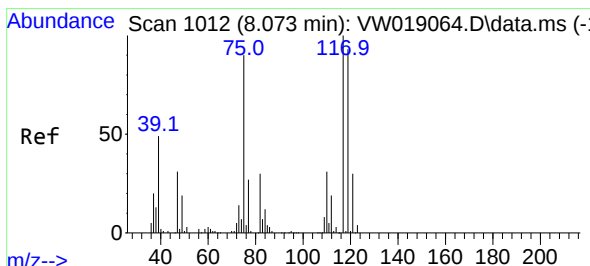
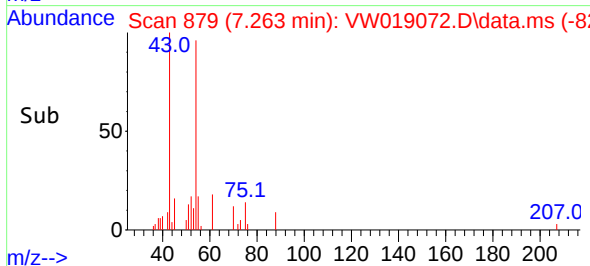
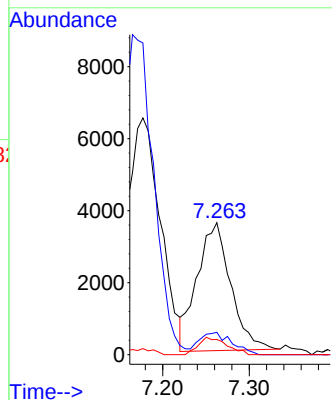


#37
Ethyl Acetate
Concen: 3.95 ug/l
RT: 7.263 min Scan# 879
Delta R.T. 0.012 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



Tgt Ion: 43 Resp: 9574

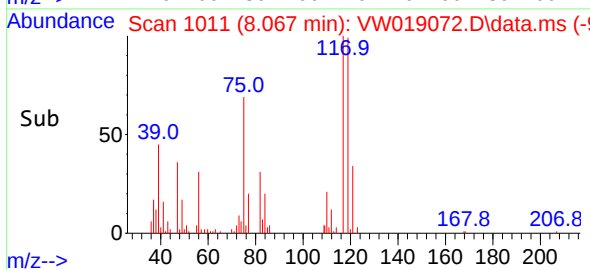
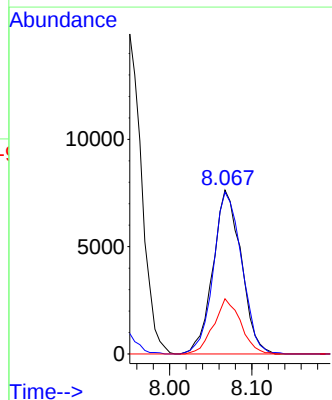
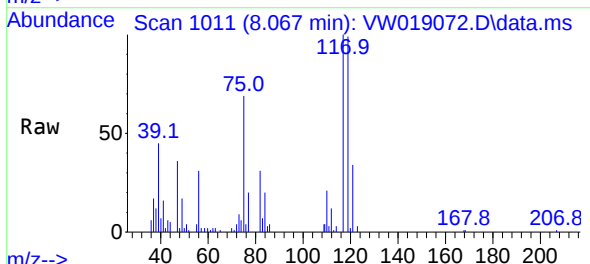
Ion	Ratio	Lower	Upper
43	100		
61	16.7	12.2	18.4
70	11.3	9.5	14.3



#38
Carbon Tetrachloride
Concen: 3.06 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion: 117 Resp: 18236

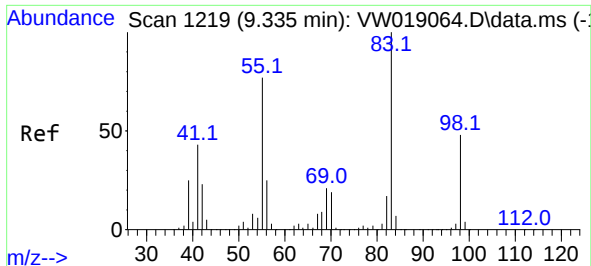
Ion	Ratio	Lower	Upper
117	100		
119	98.7	77.4	116.0
121	33.7	23.6	35.4



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

Manual Integrations
APPROVED

MMDadoda
5/25/2021 5:58:48 PM



#39
Methylcyclohexane
Concen: 3.18 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

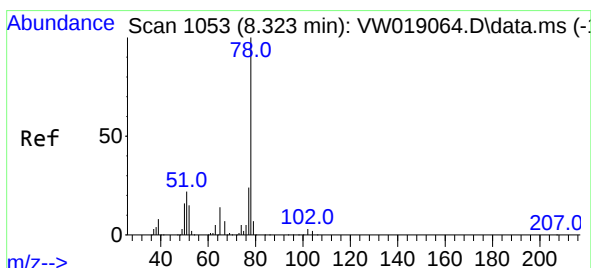
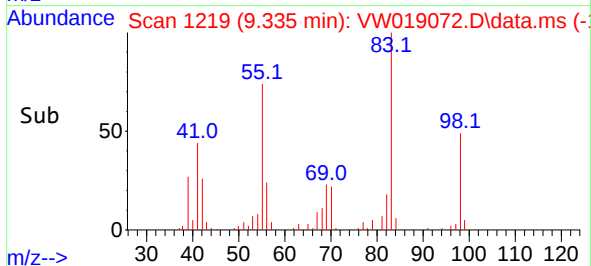
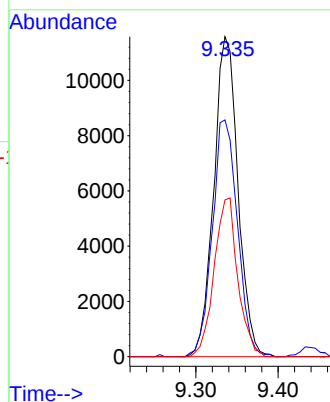
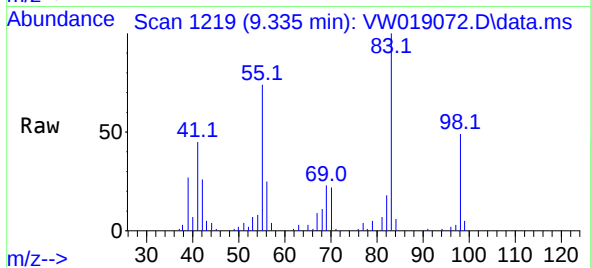
Tgt Ion: 83 Resp: 23727

Ion	Ratio	Lower	Upper
83	100		
55	74.0	60.9	91.3
98	49.0	38.4	57.6

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

Manual Integrations
APPROVED

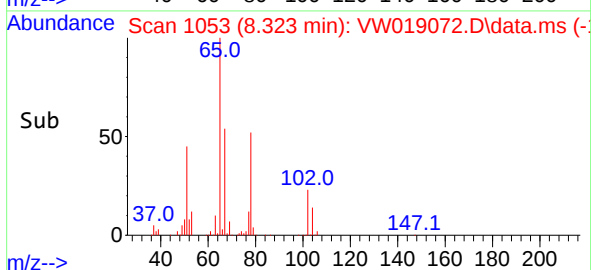
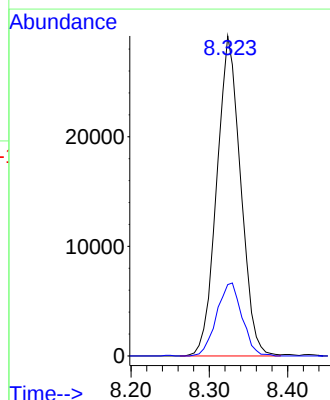
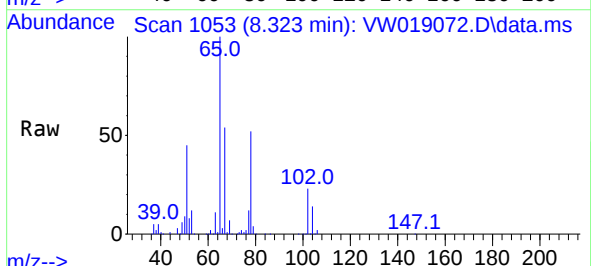
MMDadoda
5/25/2021 5:58:48 PM

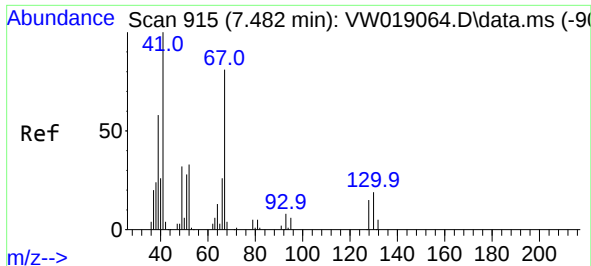


#40
Benzene
Concen: 3.38 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

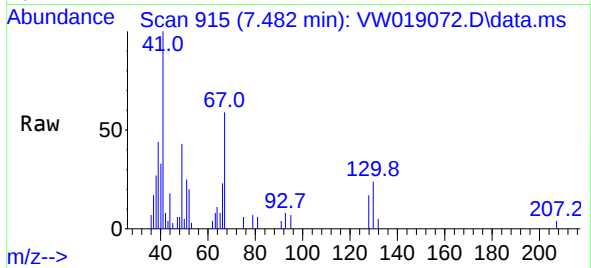
Tgt Ion: 78 Resp: 61910

Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.6	29.4

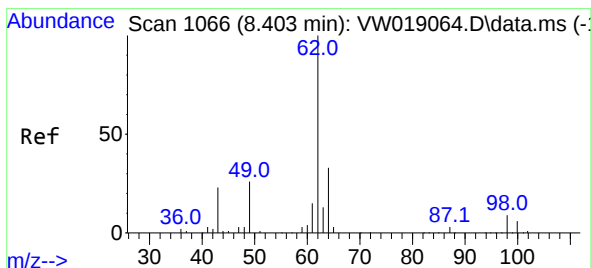
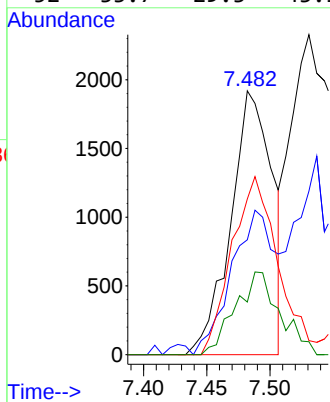
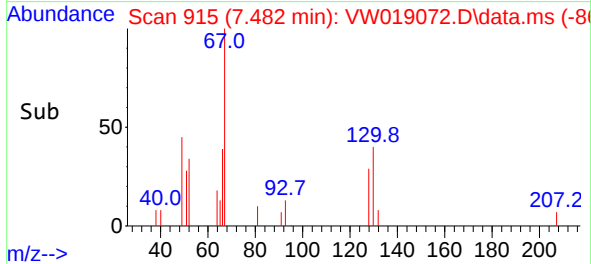




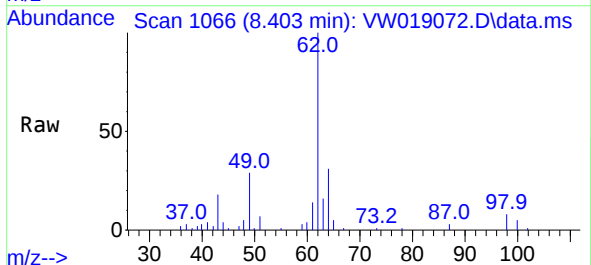
#41
Methacrylonitrile
Concen: 3.08 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



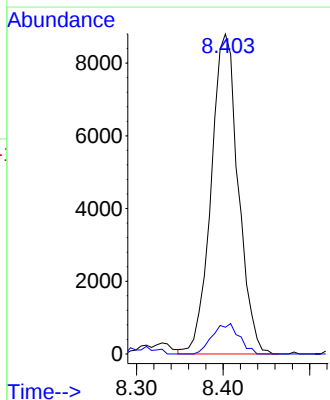
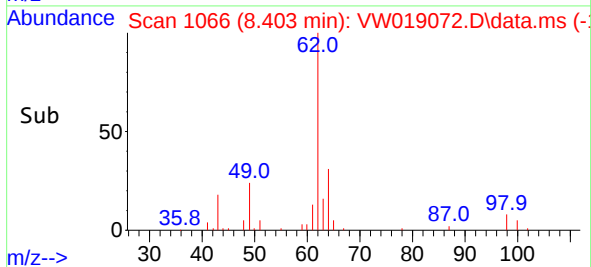
Tgt Ion:	41	Resp:	4364
Ion	Ratio	Lower	Upper
41	100		
39	56.5	50.1	75.1
67	75.3	69.0	103.4
52	33.7	29.3	43.9



#42
1,2-Dichloroethane
Concen: 3.55 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



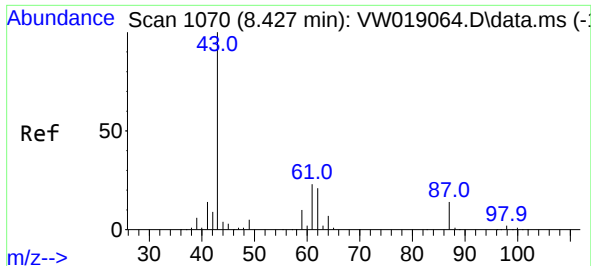
Tgt Ion:	62	Resp:	19151
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0



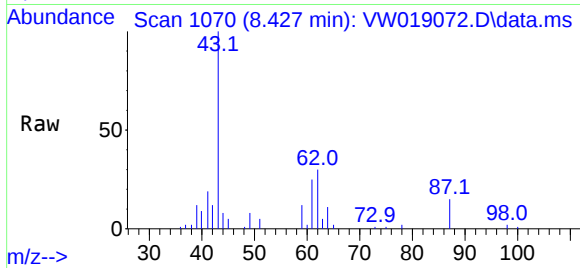
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

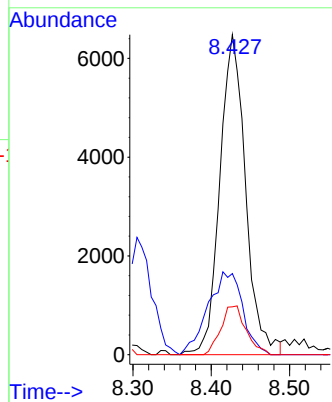
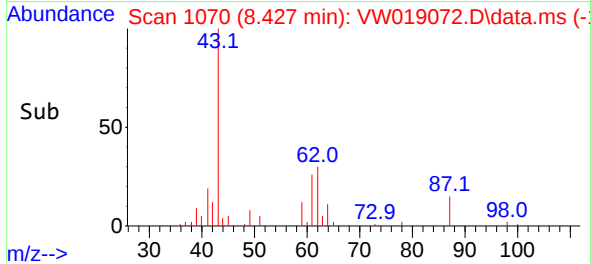
MMDadoda
5/25/2021 5:58:48 PM



#43
Isopropyl Acetate
Concen: 3.17 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



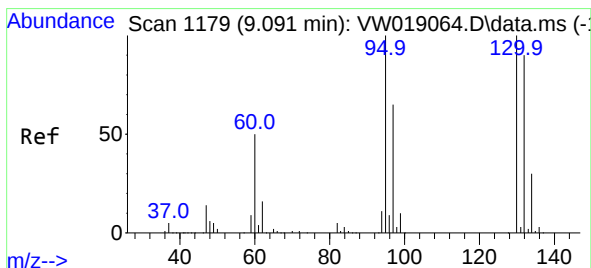
Tgt Ion: 43 Resp: 14810
Ion Ratio Lower Upper
43 100
61 34.9 27.0 40.6
87 14.9 11.6 17.4



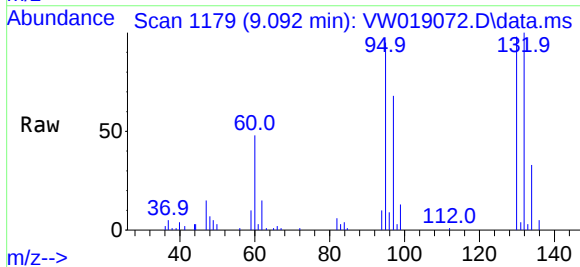
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

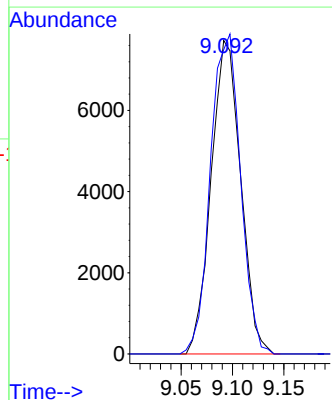
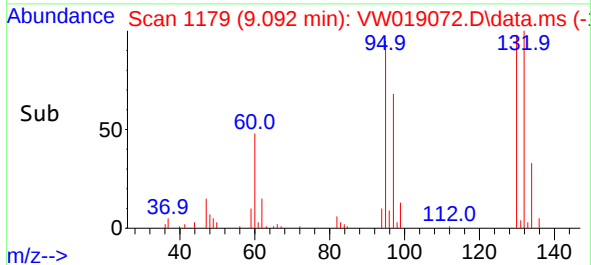
MMDadoda
5/25/2021 5:58:48 PM

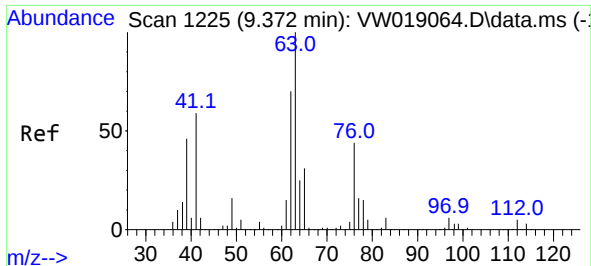


#44
Trichloroethene
Concen: 3.21 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



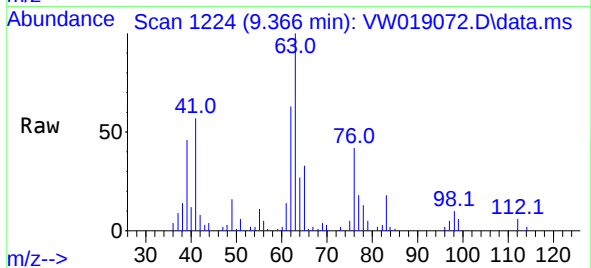
Tgt Ion: 130 Resp: 15456
Ion Ratio Lower Upper
130 100
95 97.1 0.0 199.0





#45
1,2-Dichloropropane
Concen: 3.40 ug/l
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

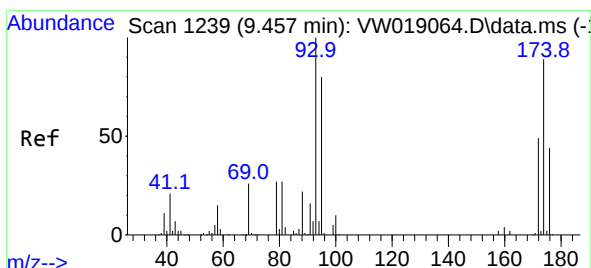
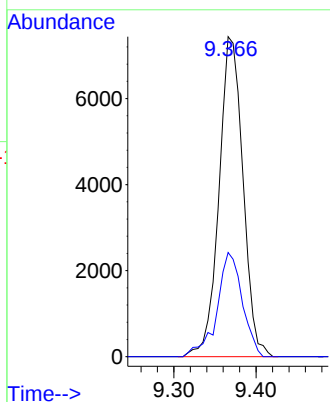
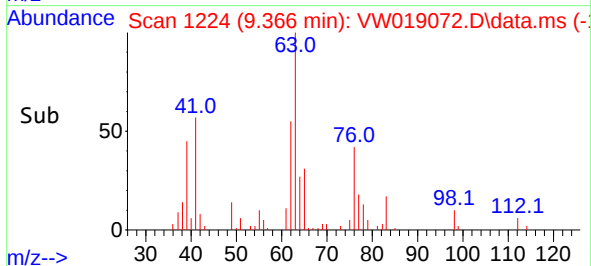
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



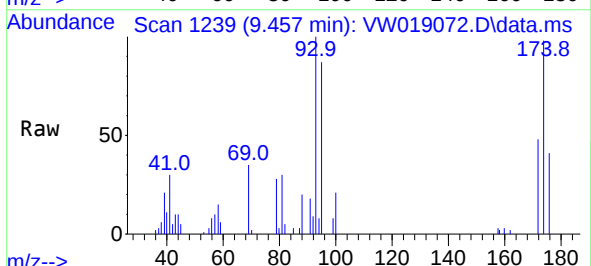
Tgt Ion: 63 Resp: 15084
Ion Ratio Lower Upper
63 100
65 32.6 24.1 36.1

Manual Integrations
APPROVED

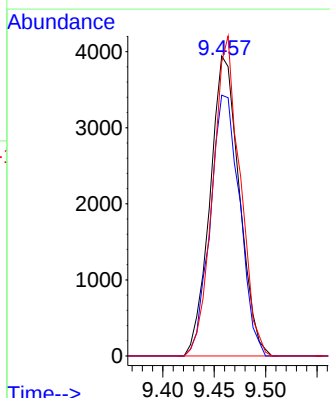
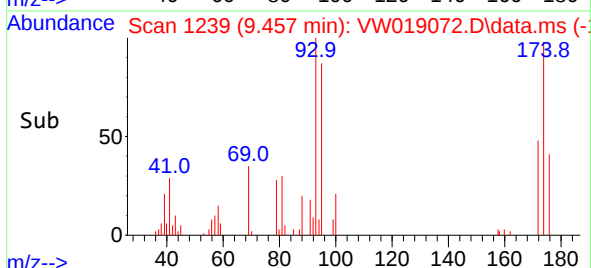
MMDadoda
5/25/2021 5:58:48 PM

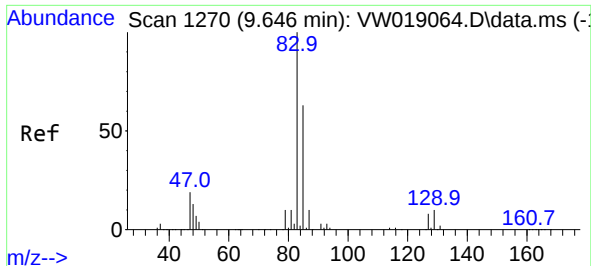


#46
Dibromomethane
Concen: 3.39 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

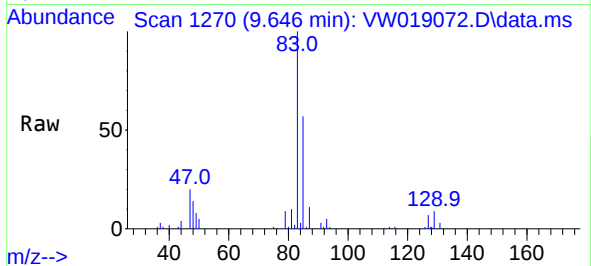


Tgt Ion: 93 Resp: 7833
Ion Ratio Lower Upper
93 100
95 87.1 66.7 100.1
174 98.3 75.3 112.9

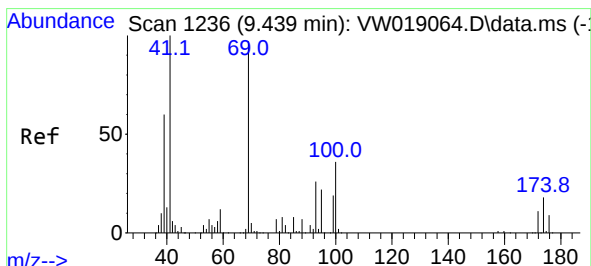
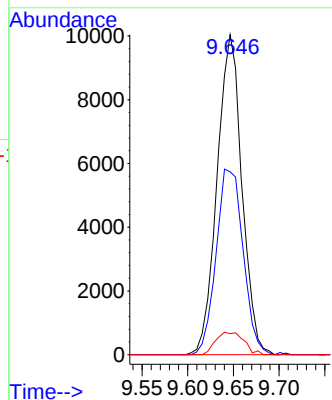
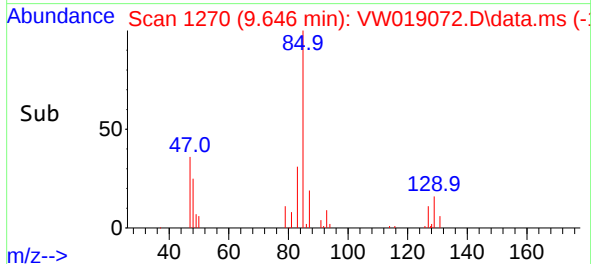




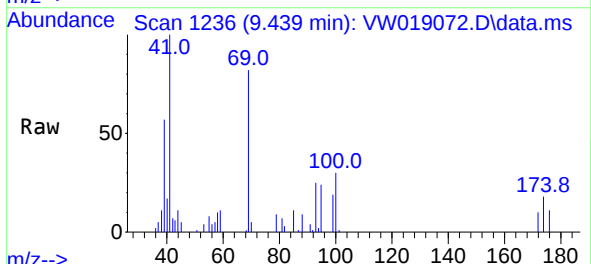
#47
Bromodichloromethane
Concen: 3.19 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



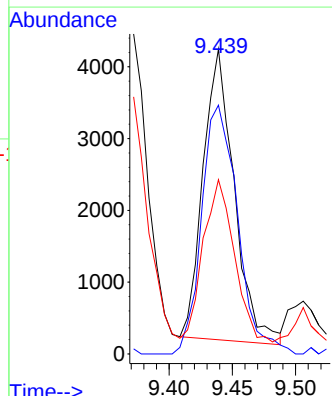
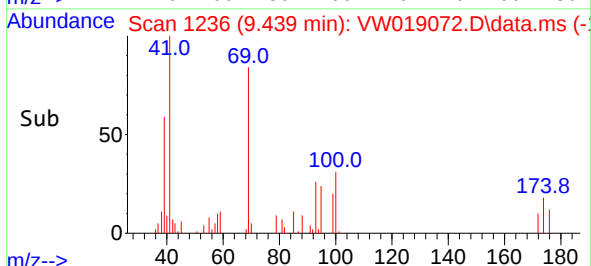
Tgt Ion: 83 Resp: 18987
Ion Ratio Lower Upper
83 100
85 57.2 53.4 80.2
127 6.6 7.0 10.6#



#48
Methyl methacrylate
Concen: 3.16 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



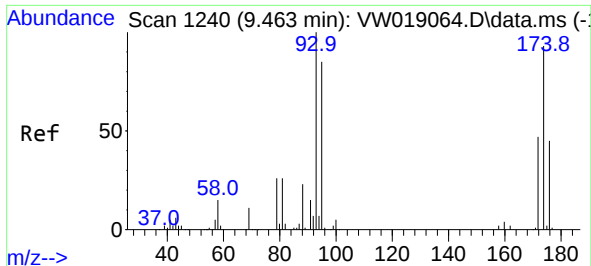
Tgt Ion: 41 Resp: 6921
Ion Ratio Lower Upper
41 100
69 99.4 80.2 120.2
39 66.4 51.5 77.3



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

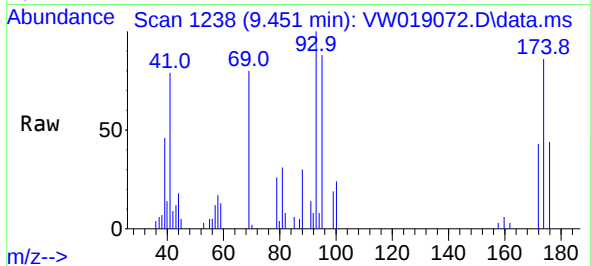
Manual Integrations
APPROVED

MMDadoda
5/25/2021 5:58:48 PM



#49
1,4-Dioxane
Concen: 63.83 ug/l
RT: 9.451 min Scan# 1238
Delta R.T. -0.012 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

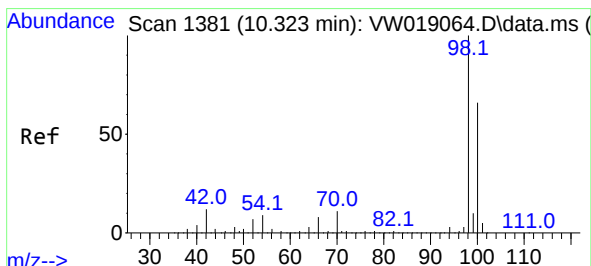
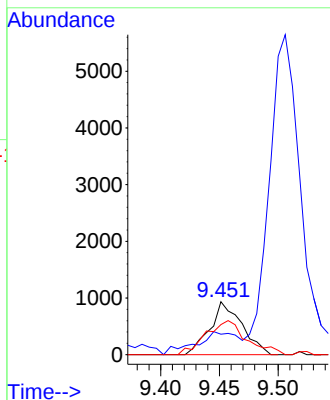
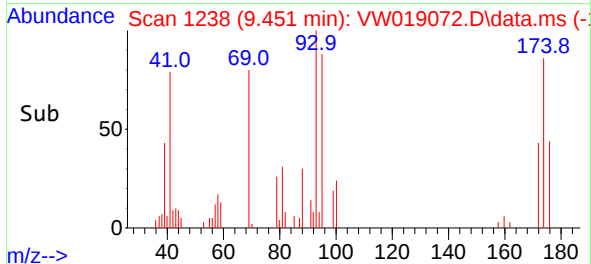
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



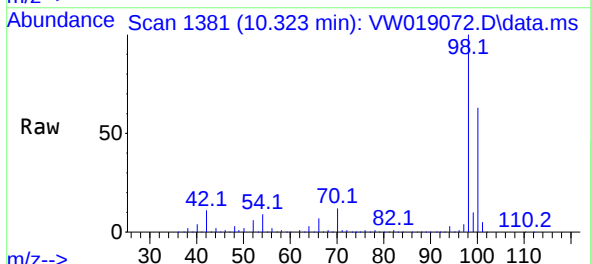
Tgt Ion: 88 Resp: 1772
Ion Ratio Lower Upper
88 100
43 57.1 22.1 33.1#
58 81.7 55.4 83.2

Manual Integrations
APPROVED

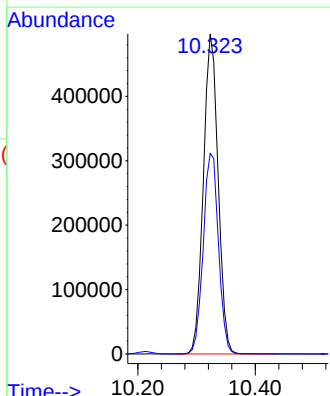
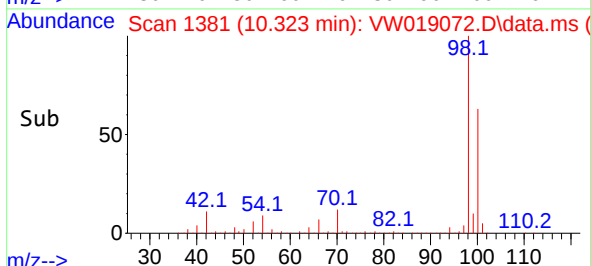
MMDadoda
5/25/2021 5:58:48 PM

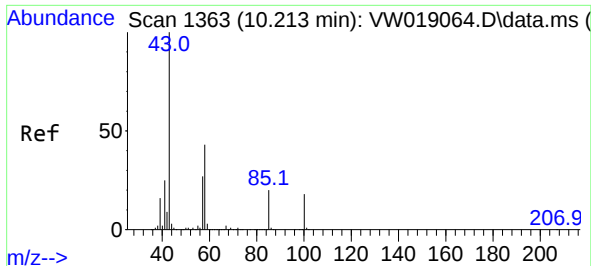


#50
Toluene-d8
Concen: 51.85 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



Tgt Ion: 98 Resp: 864633
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0





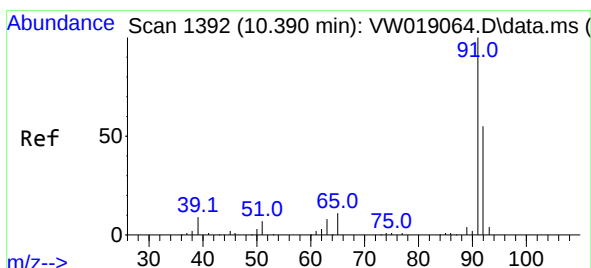
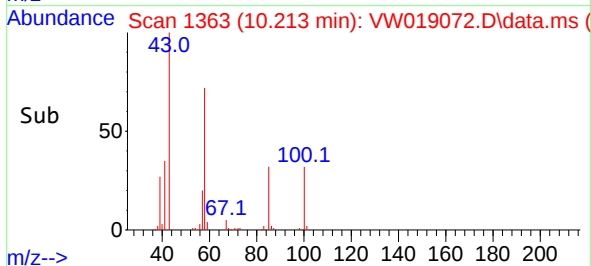
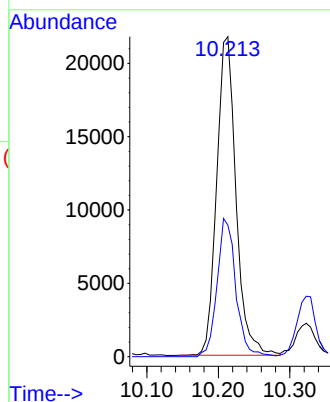
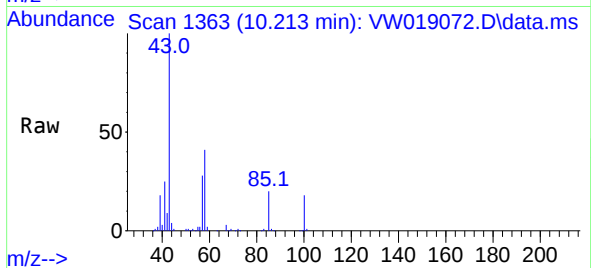
#51
4-Methyl-2-Pentanone
Concen: 17.15 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion: 43 Resp: 40750
Ion Ratio Lower Upper
43 100
58 42.1 34.2 51.4

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

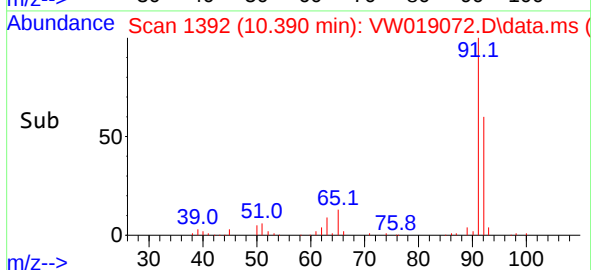
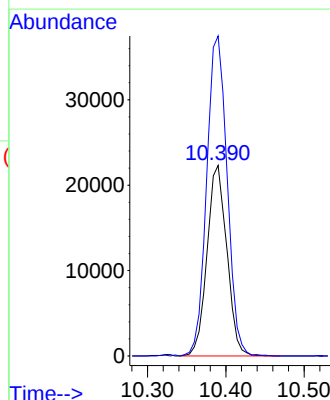
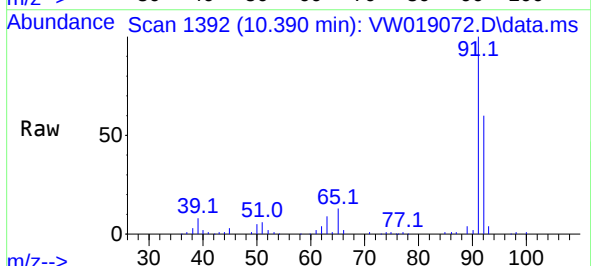
Manual Integrations
APPROVED

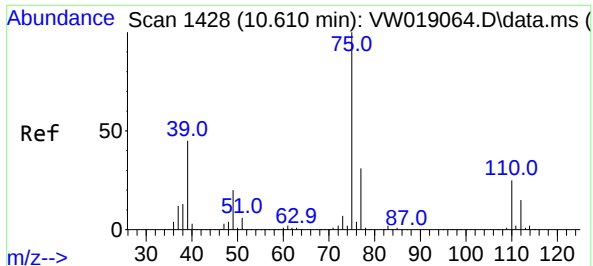
MMDadoda
5/25/2021 5:58:48 PM



#52
Toluene
Concen: 3.35 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion: 92 Resp: 39091
Ion Ratio Lower Upper
92 100
91 173.7 137.4 206.0





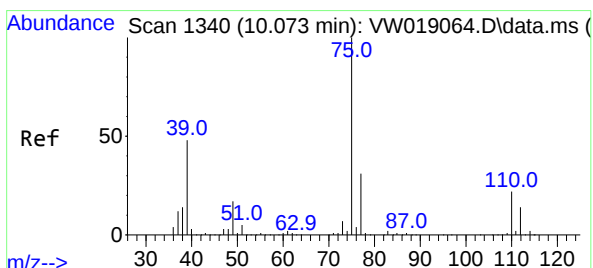
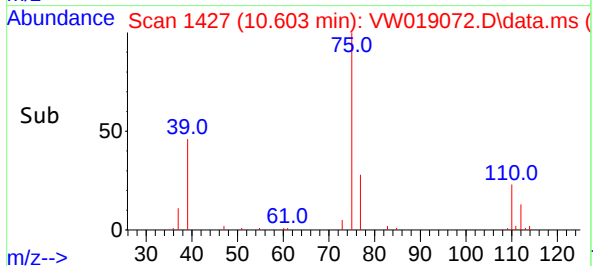
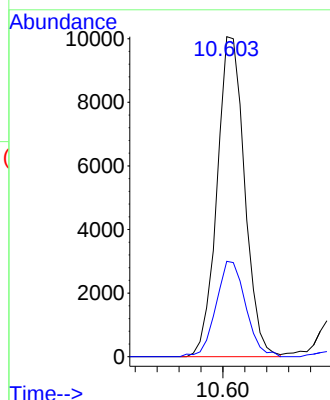
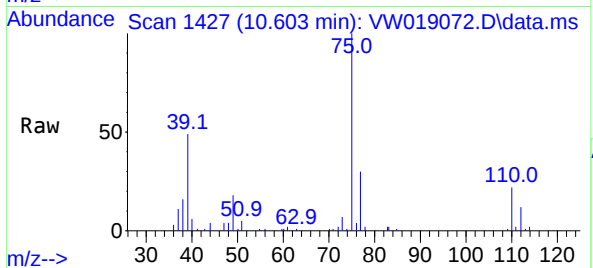
#53
t-1,3-Dichloropropene
Concen: 2.97 ug/l
RT: 10.603 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion: 75 Resp: 17597
Ion Ratio Lower Upper
75 100
77 29.8 24.8 37.2

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

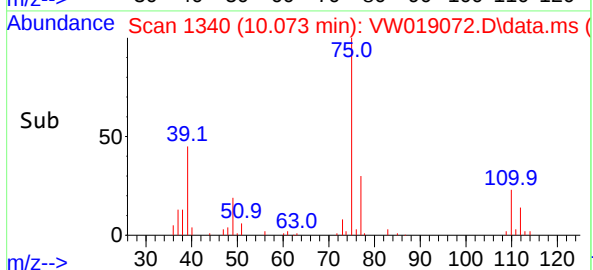
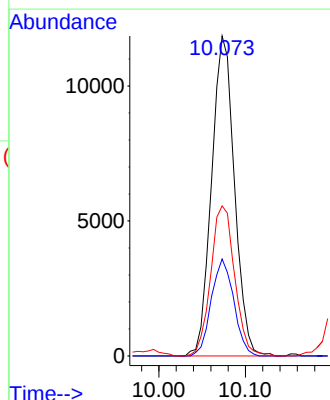
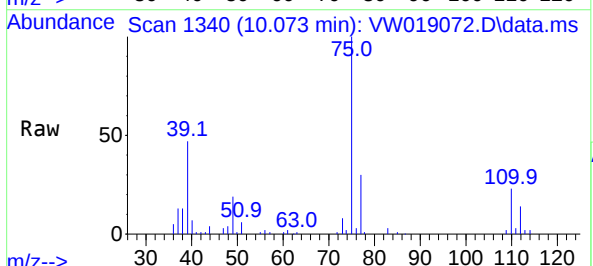
Manual Integrations
APPROVED

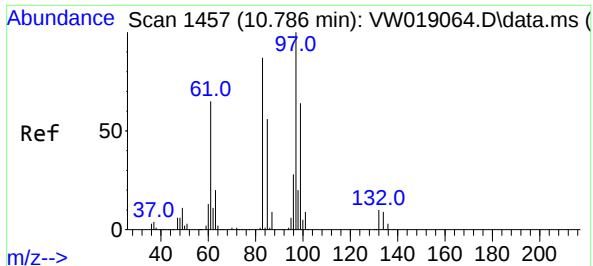
MMDadoda
5/25/2021 5:58:48 PM



#54
cis-1,3-Dichloropropene
Concen: 3.09 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

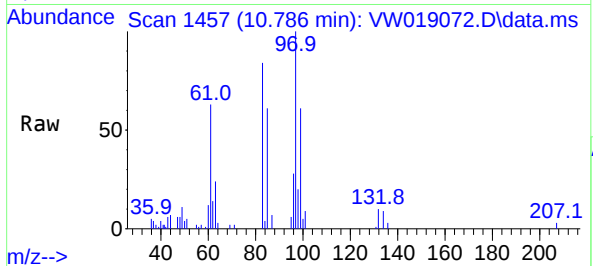
Tgt Ion: 75 Resp: 21720
Ion Ratio Lower Upper
75 100
77 30.3 25.0 37.6
39 46.9 36.9 55.3





#55
1,1,2-Trichloroethane
Concen: 3.43 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

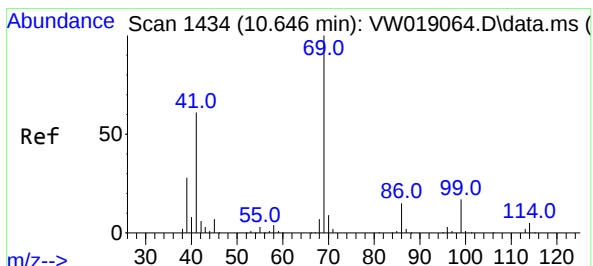
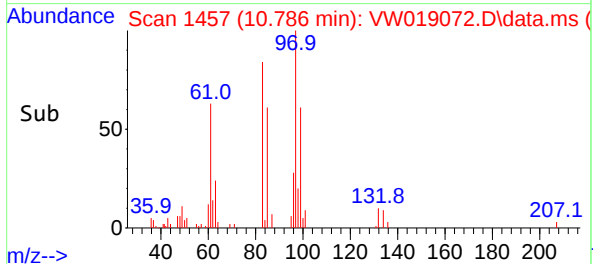
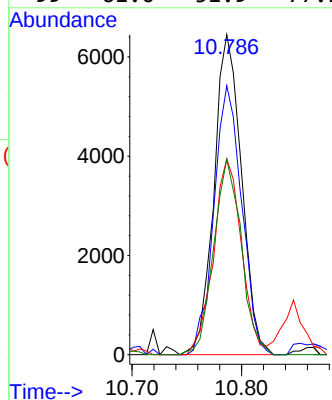
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



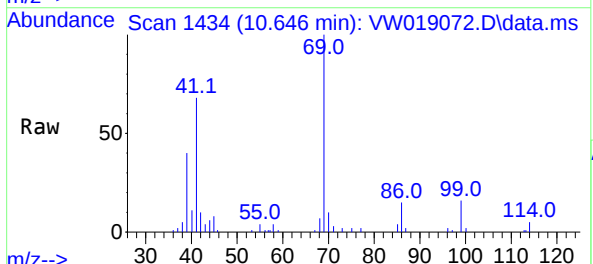
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.1	70.6	106.0
85	61.2	45.8	68.6
99	61.0	51.9	77.9

Manual Integrations
APPROVED

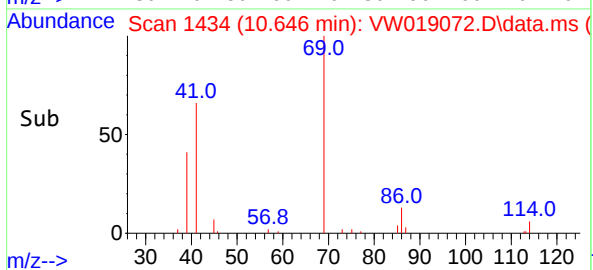
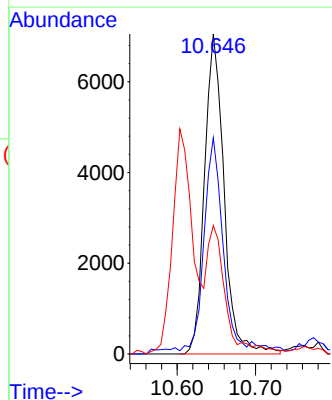
MMDadoda
5/25/2021 5:58:48 PM

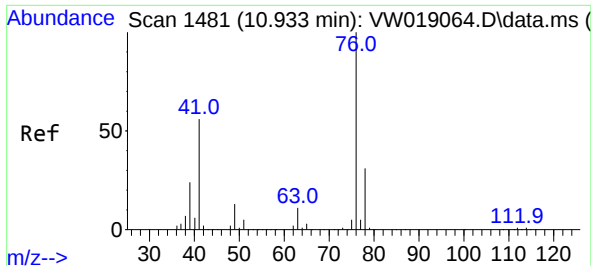


#56
Ethyl methacrylate
Concen: 2.97 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

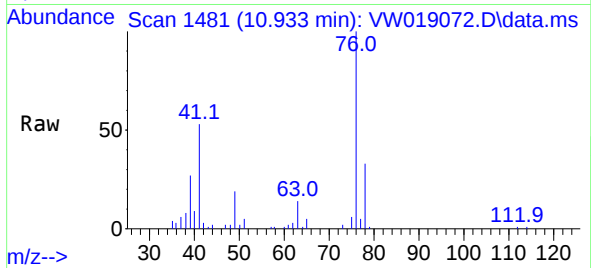


Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.4	48.7	73.1
39	37.1	29.0	43.4

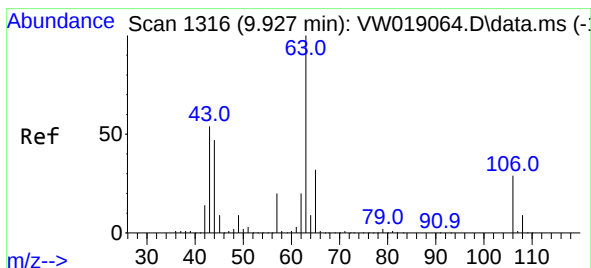
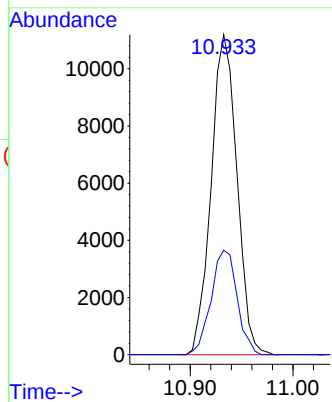
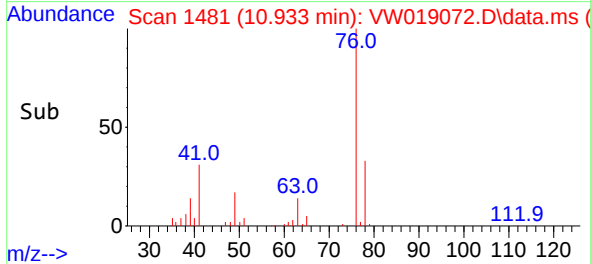




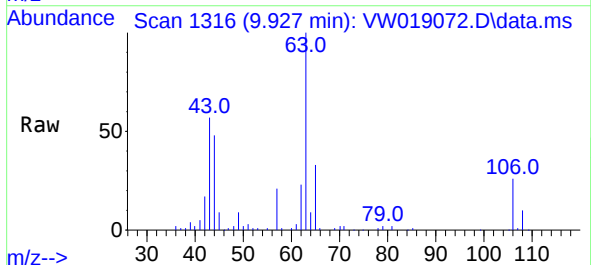
#57
1,3-Dichloropropane
Concen: 3.34 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



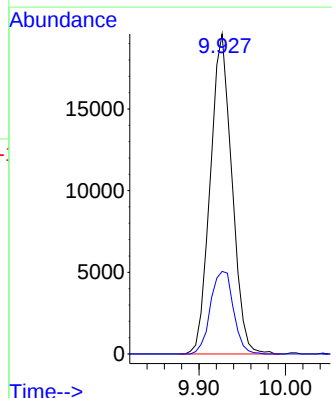
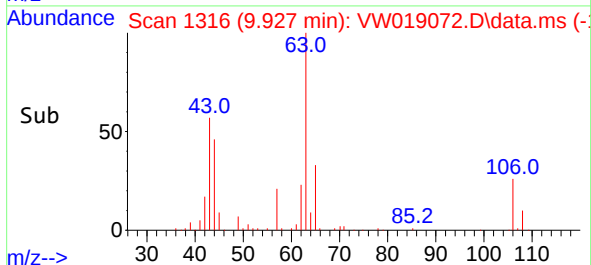
Tgt Ion: 76 Resp: 19500
Ion Ratio Lower Upper
76 100
78 33.0 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 16.40 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



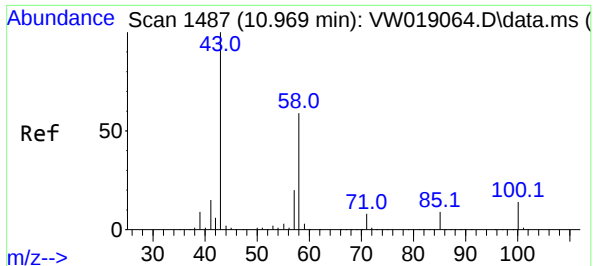
Tgt Ion: 63 Resp: 33966
Ion Ratio Lower Upper
63 100
106 27.3 22.3 33.5



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

Manual Integrations
APPROVED

MMDadoda
5/25/2021 5:58:48 PM



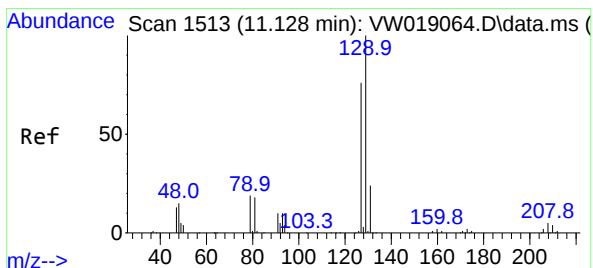
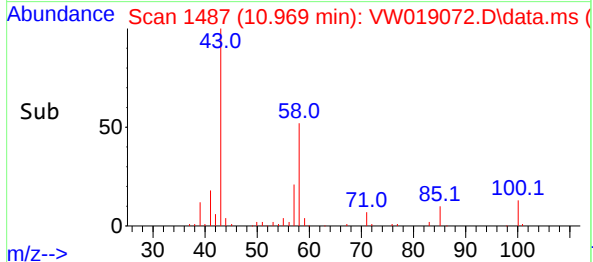
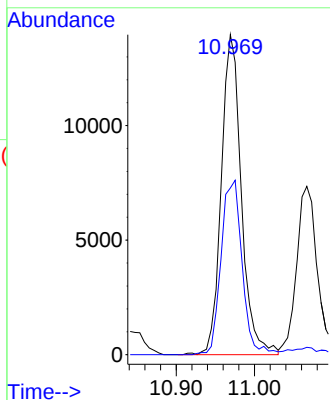
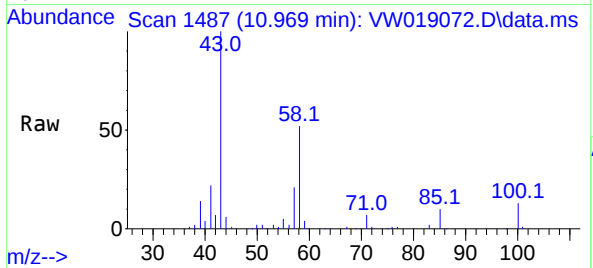
#59
2-Hexanone
Concen: 15.55 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion: 43 Resp: 24846
Ion Ratio Lower Upper
43 100
58 57.2 29.0 87.1

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

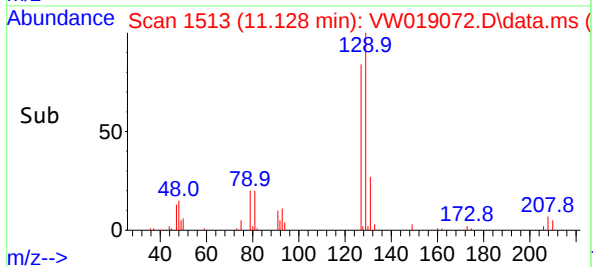
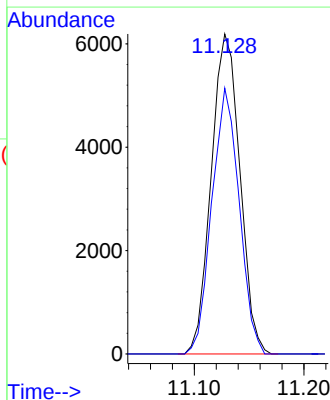
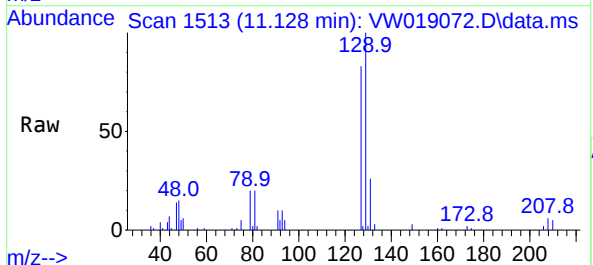
Manual Integrations
APPROVED

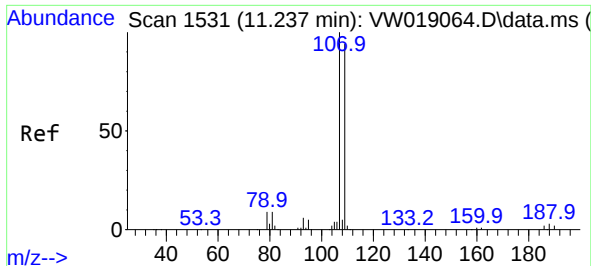
MMDadoda
5/25/2021 5:58:48 PM



#60
Dibromochloromethane
Concen: 3.09 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

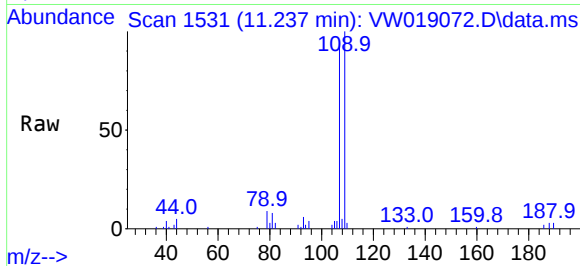
Tgt Ion: 129 Resp: 11268
Ion Ratio Lower Upper
129 100
127 79.0 38.2 114.6





#61
1,2-Dibromoethane
Concen: 3.33 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

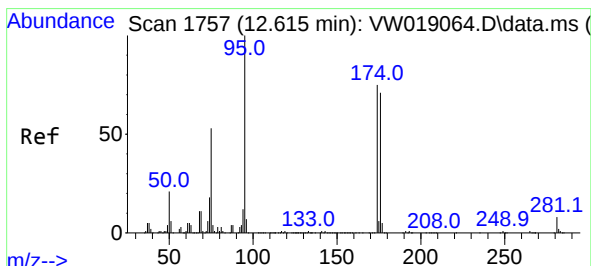
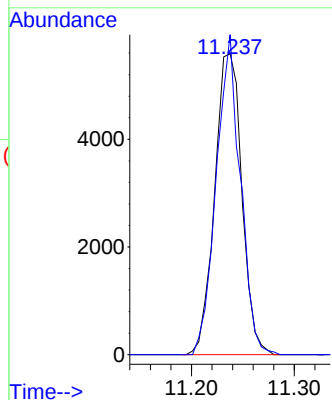
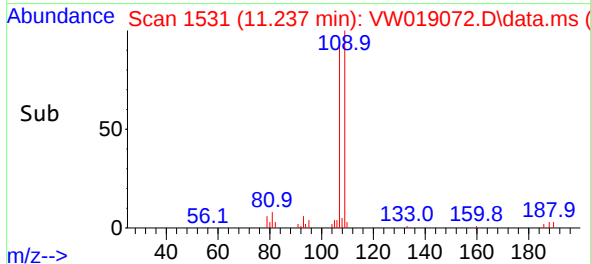
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



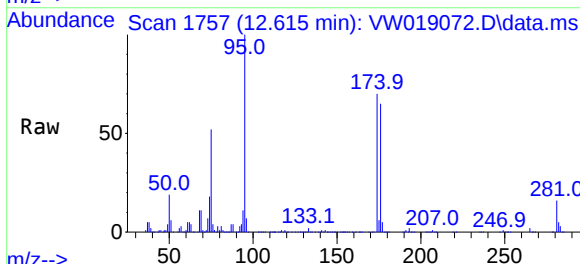
Tgt Ion:107 Resp: 10256
Ion Ratio Lower Upper
107 100
109 94.5 73.9 110.9

Manual Integrations
APPROVED

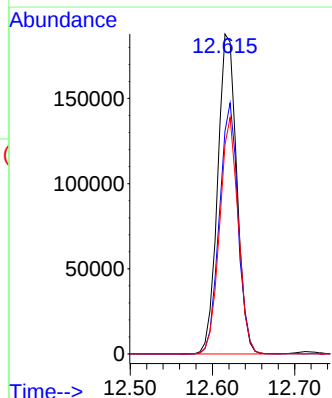
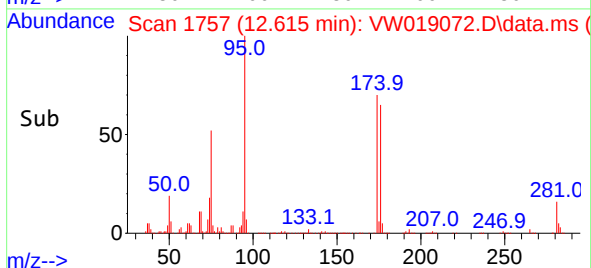
MMDadoda
5/25/2021 5:58:48 PM



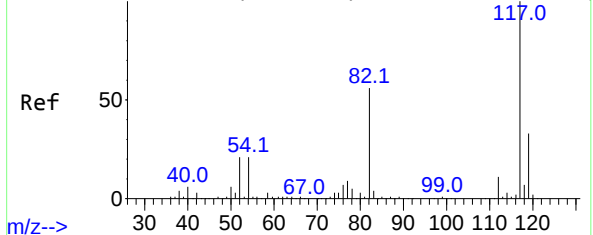
#62
4-Bromofluorobenzene
Concen: 51.61 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



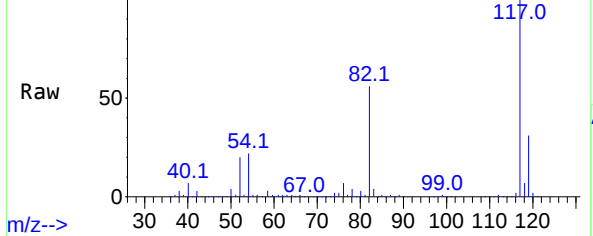
Tgt Ion: 95 Resp: 303532
Ion Ratio Lower Upper
95 100
174 76.6 0.0 156.2
176 71.9 0.0 160.8



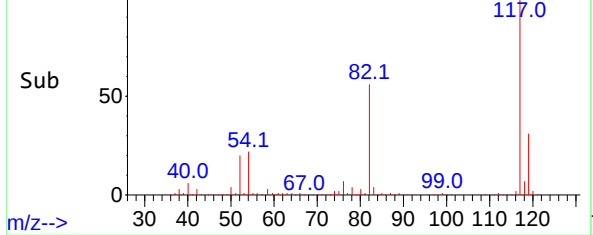
Abundance Scan 1596 (11.634 min): VW019064.D\data.ms (



m/z--> Abundance Scan 1596 (11.634 min): VW019072.D\data.ms



m/z--> Abundance Scan 1596 (11.634 min): VW019072.D\data.ms (



m/z-->

#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.634 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VW019072.D

Acq: 24 May 2021 18:21

Tgt Ion:117 Resp: 546854

Ion Ratio Lower Upper

117 100

82 56.0 44.4 66.6

119 31.4 24.6 36.8

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021

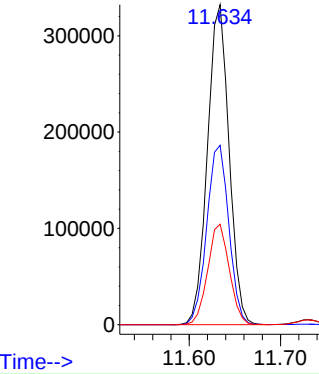
Manual Integrations

APPROVED

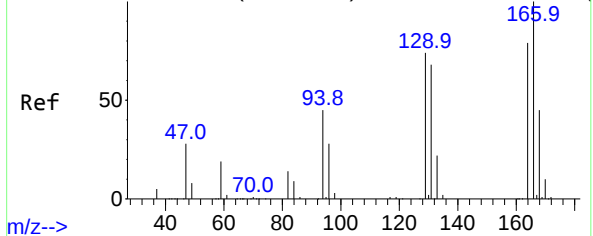
MMDadoda

5/25/2021 5:58:48 PM

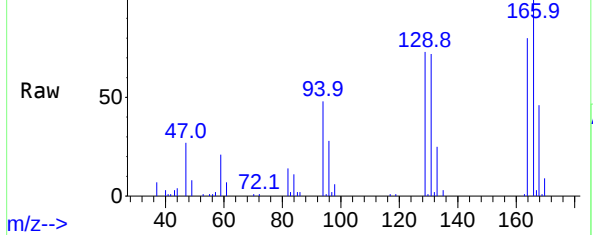
Abundance



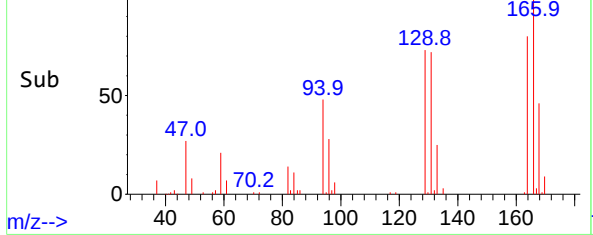
Abundance Scan 1470 (10.866 min): VW019064.D\data.ms (



m/z--> Abundance Scan 1470 (10.866 min): VW019072.D\data.ms



m/z--> Abundance Scan 1470 (10.866 min): VW019072.D\data.ms (



m/z-->

#64

Tetrachloroethene

Concen: 3.47 ug/l

RT: 10.866 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VW019072.D

Acq: 24 May 2021 18:21

Tgt Ion:164 Resp: 13609

Ion Ratio Lower Upper

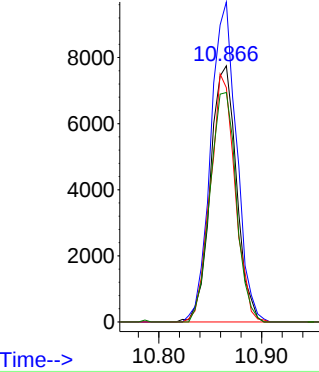
164 100

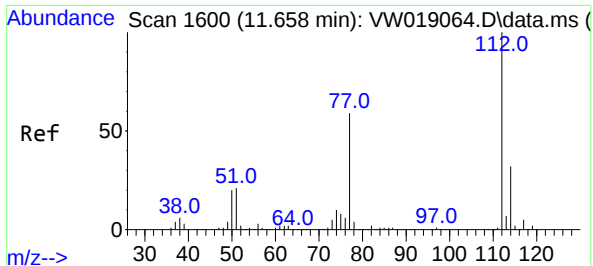
166 124.9 107.8 161.8

129 91.5 77.3 115.9

131 89.5 78.5 117.7

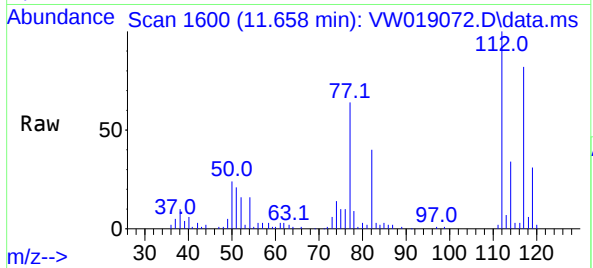
Abundance





#65
Chlorobenzene
Concen: 3.28 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

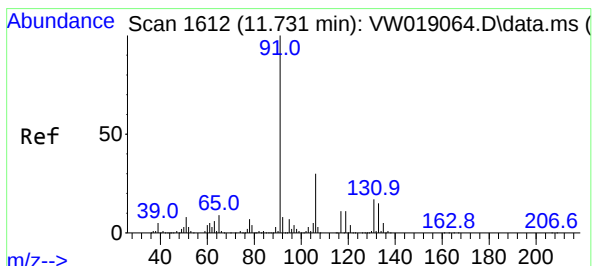
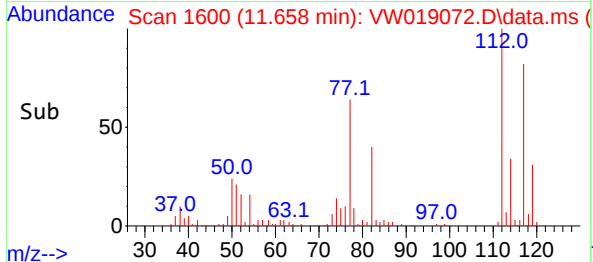
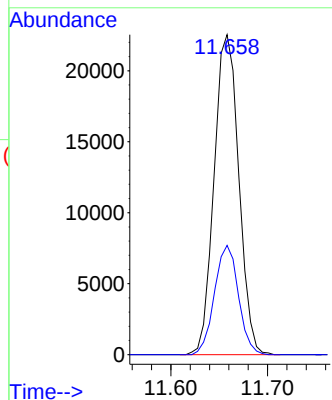
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



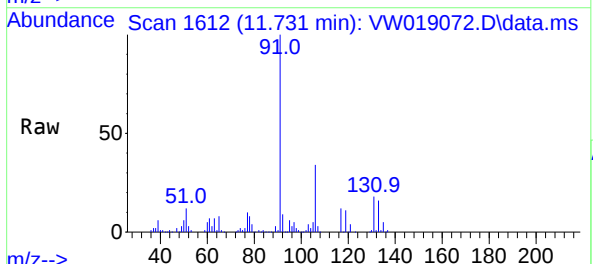
Tgt Ion:112 Resp: 39936
Ion Ratio Lower Upper
112 100
114 34.1 26.4 39.6

Manual Integrations
APPROVED

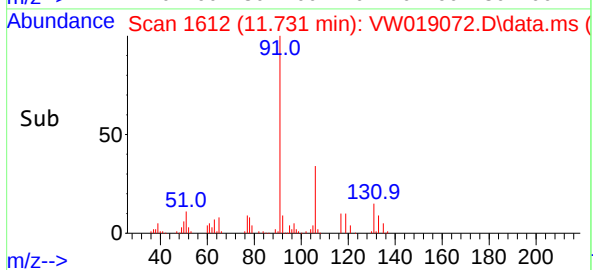
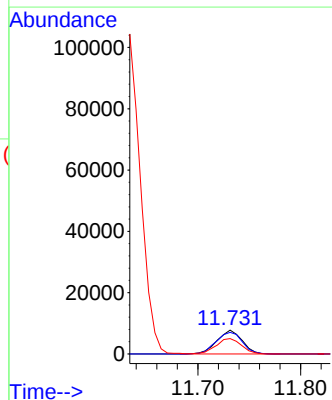
MMDadoda
5/25/2021 5:58:48 PM

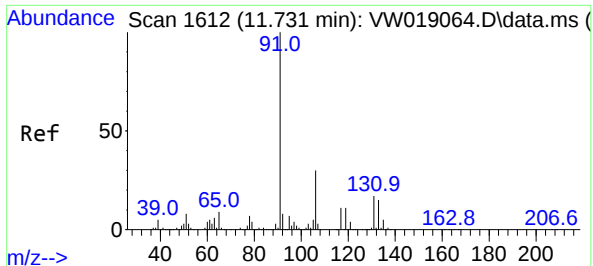


#66
1,1,1,2-Tetrachloroethane
Concen: 3.16 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



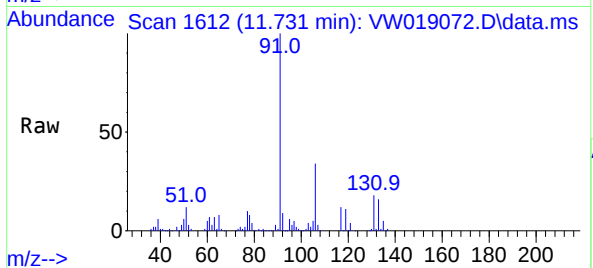
Tgt Ion:131 Resp: 13139
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.3
119 66.1 33.1 99.2





#67
Ethyl Benzene
Concen: 3.19 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

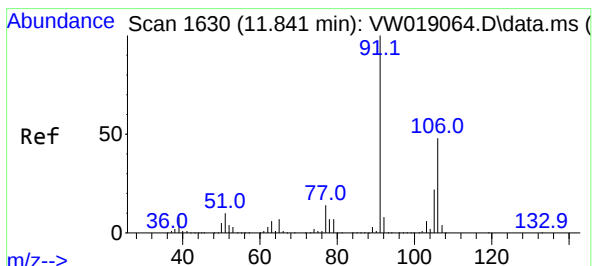
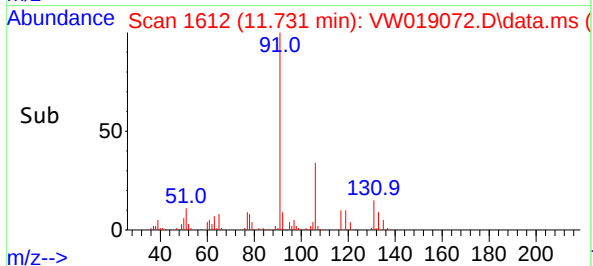
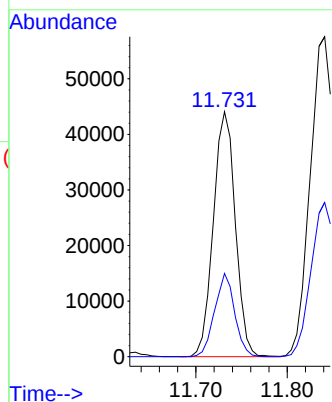
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



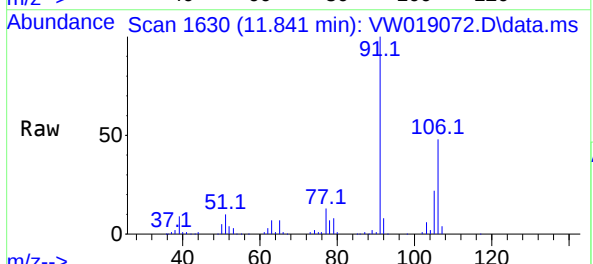
Tgt Ion: 91 Resp: 73665
Ion Ratio Lower Upper
91 100
106 33.9 24.0 36.0

Manual Integrations
APPROVED

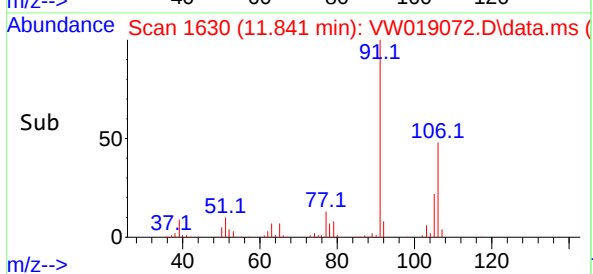
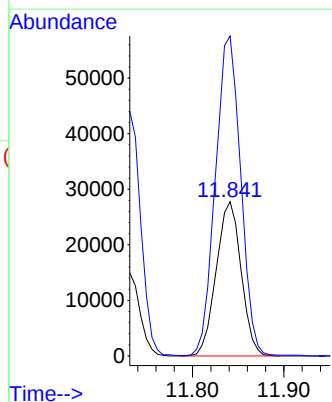
MMDadoda
5/25/2021 5:58:48 PM

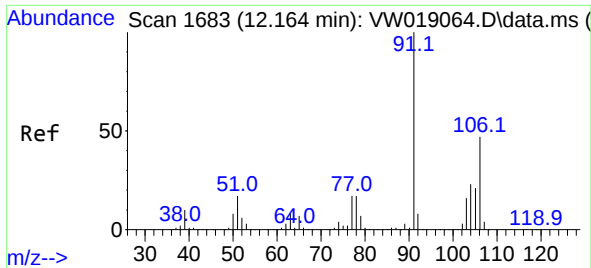


#68
m/p-Xylenes
Concen: 6.20 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



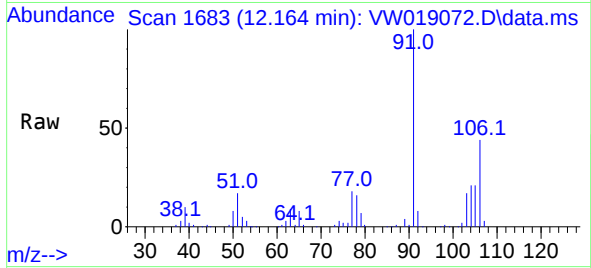
Tgt Ion: 106 Resp: 52468
Ion Ratio Lower Upper
106 100
91 211.8 164.2 246.2





#69
o-Xylene
Concen: 3.04 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

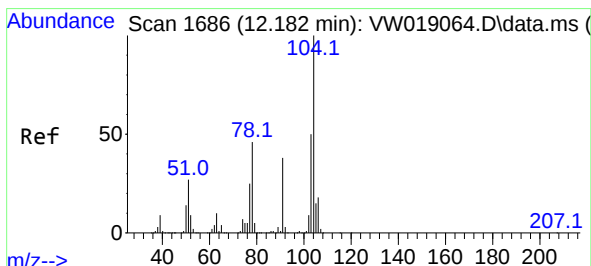
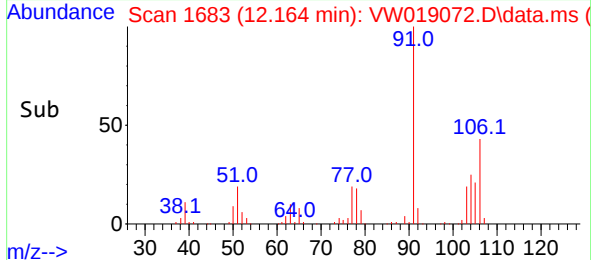
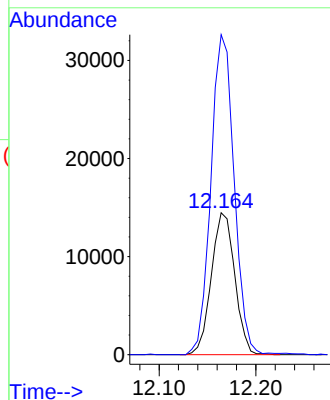
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



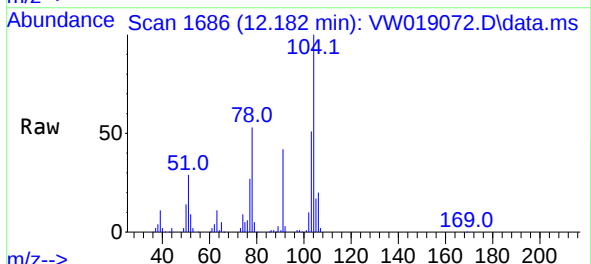
Tgt Ion:106 Resp: 24325
Ion Ratio Lower Upper
106 100
91 224.3 109.1 327.2

Manual Integrations
APPROVED

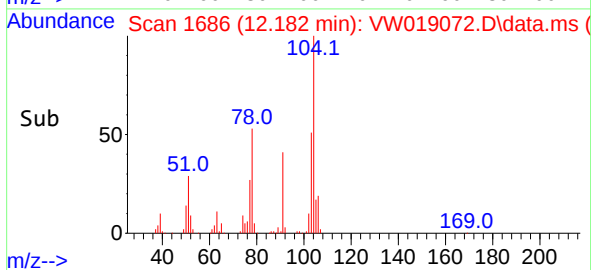
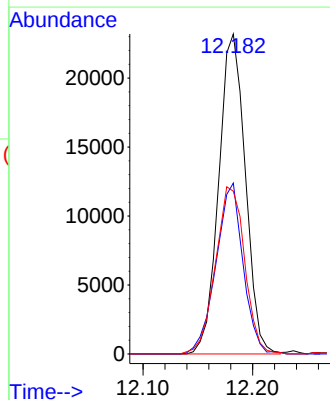
MMDadoda
5/25/2021 5:58:48 PM

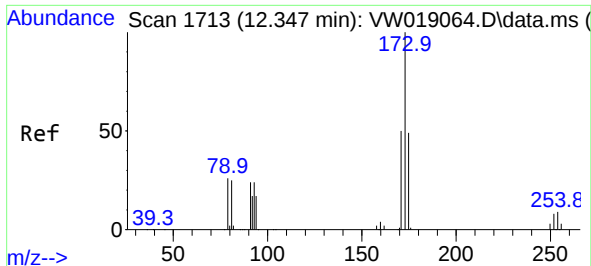


#70
Styrene
Concen: 2.93 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

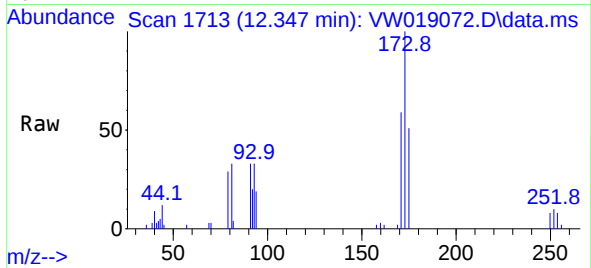


Tgt Ion:104 Resp: 39114
Ion Ratio Lower Upper
104 100
78 54.3 41.3 61.9
103 57.4 44.1 66.1

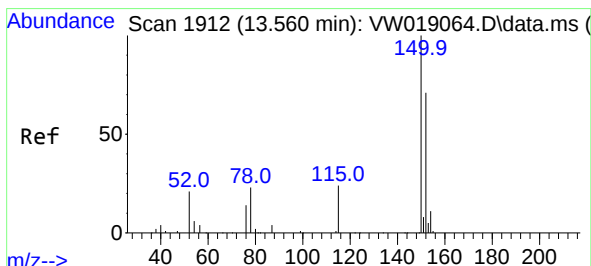
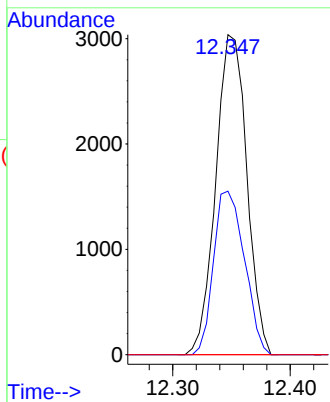
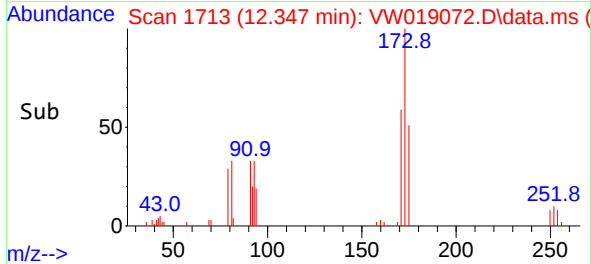




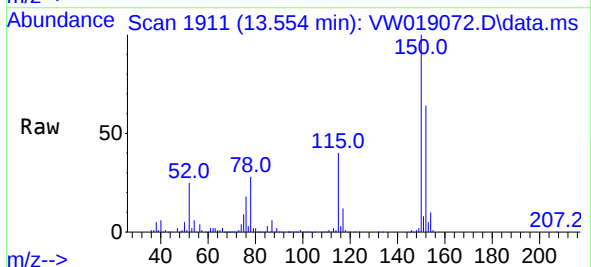
#71
Bromoform
Concen: 2.79 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



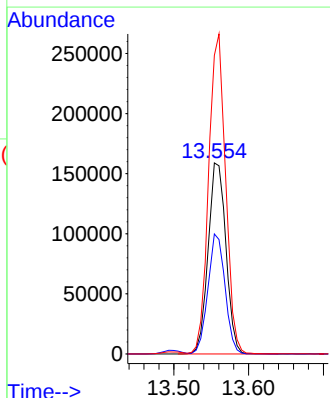
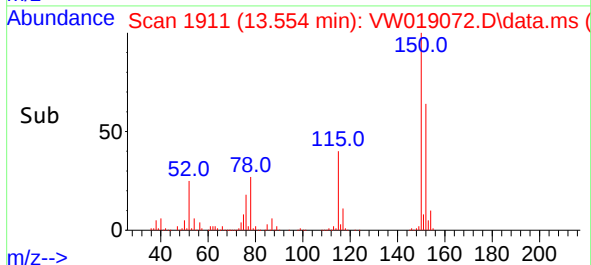
Tgt Ion:173 Resp: 5580
Ion Ratio Lower Upper
173 100
175 50.8 24.6 73.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



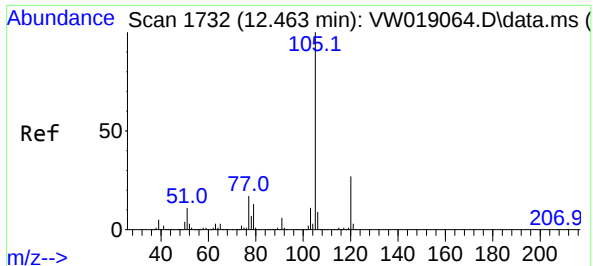
Tgt Ion:152 Resp: 262734
Ion Ratio Lower Upper
152 100
115 60.5 30.3 90.8
150 159.4 0.0 356.0



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

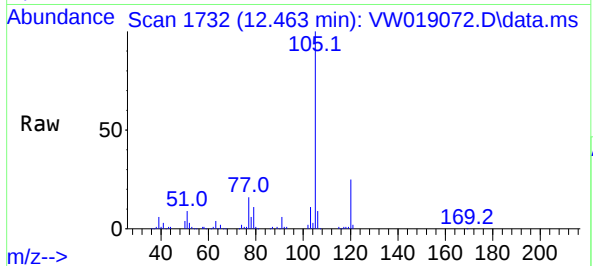
Manual Integrations
APPROVED

MMDadoda
5/25/2021 5:58:48 PM



#73
Isopropylbenzene
Concen: 3.13 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

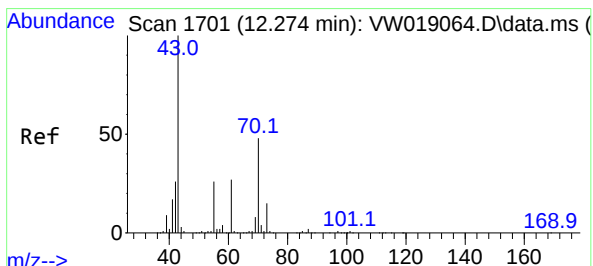
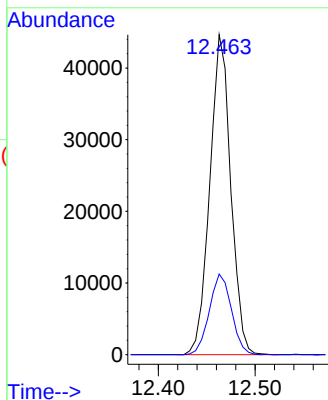
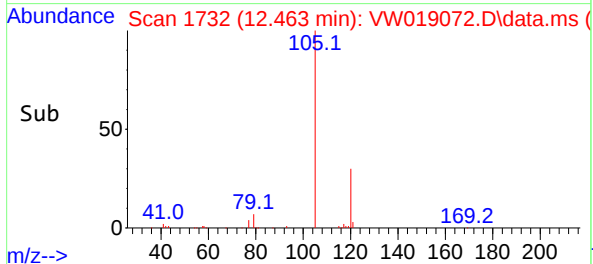
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



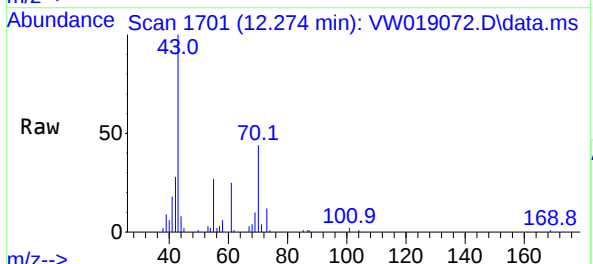
Tgt Ion:105 Resp: 67152
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5

Manual Integrations
APPROVED

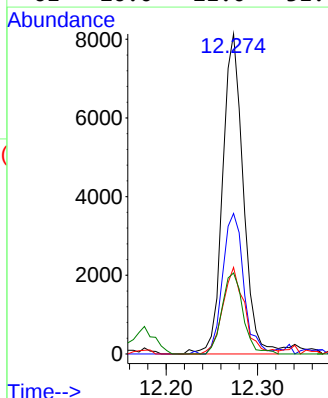
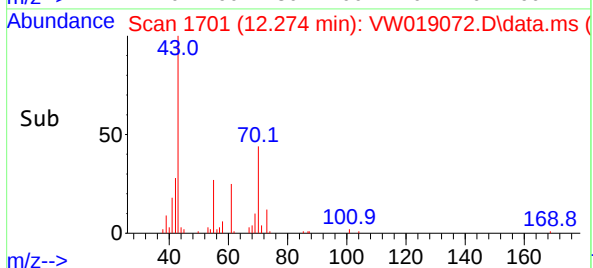
MMDadoda
5/25/2021 5:58:48 PM

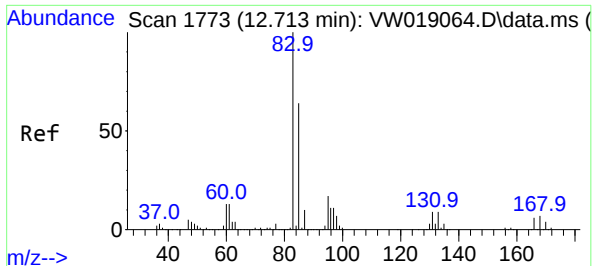


#74
N-ethyl acetate
Concen: 2.96 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



Tgt Ion: 43 Resp: 12749
Ion Ratio Lower Upper
43 100
70 45.0 38.4 57.6
55 28.7 21.6 32.4
61 26.0 21.0 31.4





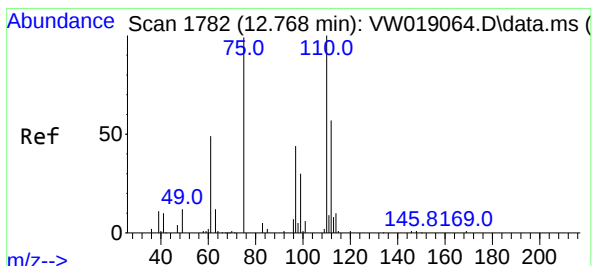
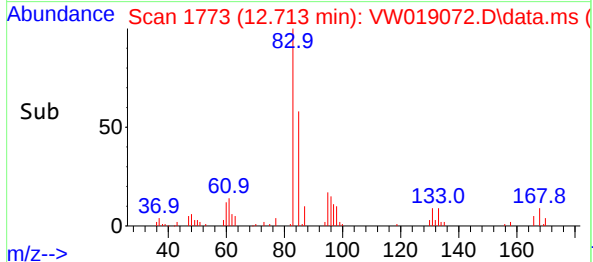
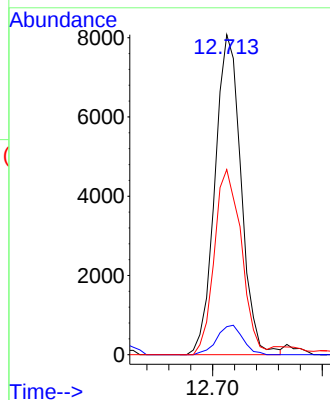
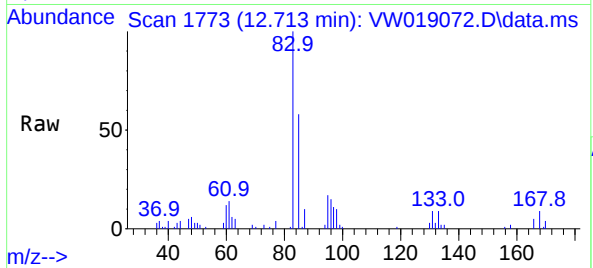
#75
1,1,2,2-Tetrachloroethane
Concen: 3.65 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion: 83 Resp: 13350
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.2
85 60.0 31.6 94.8

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

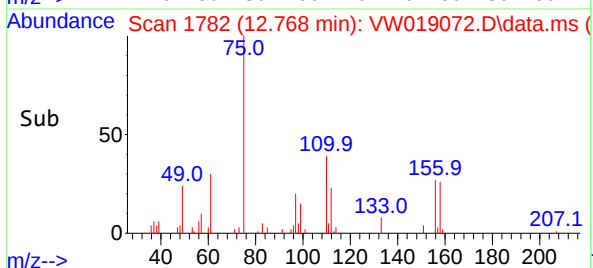
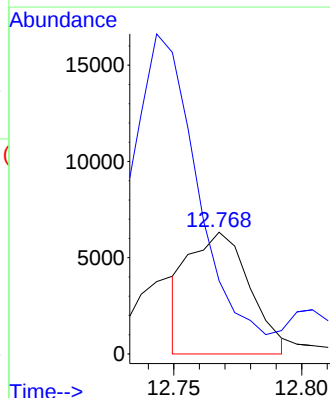
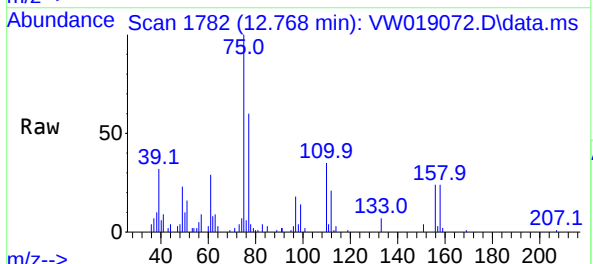
Manual Integrations
APPROVED

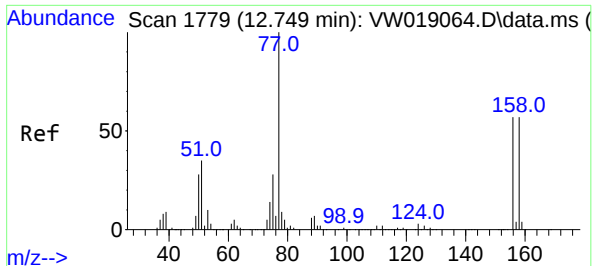
MMDadoda
5/25/2021 5:58:48 PM



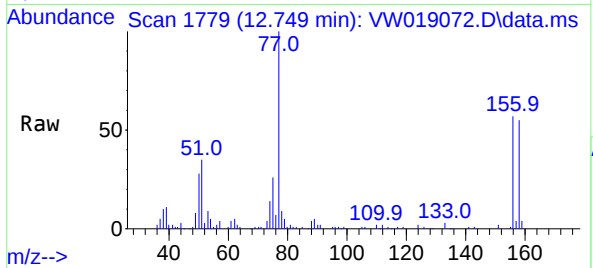
#76
1,2,3-Trichloropropane
Concen: 4.16 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion: 75 Resp: 10412
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

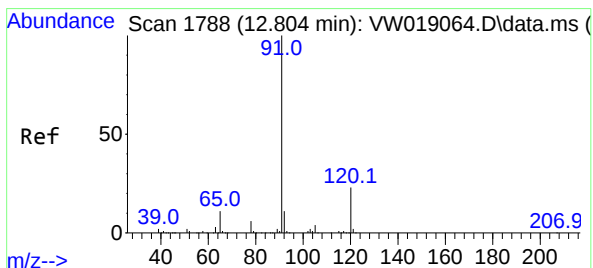
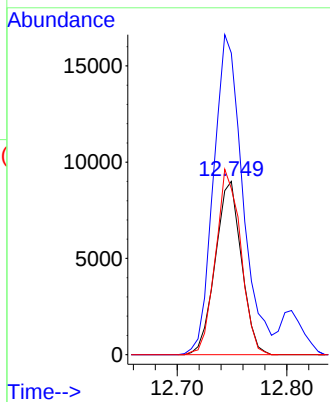
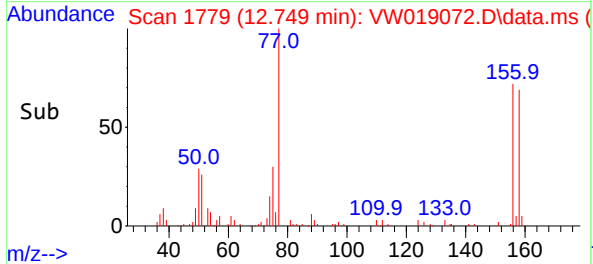




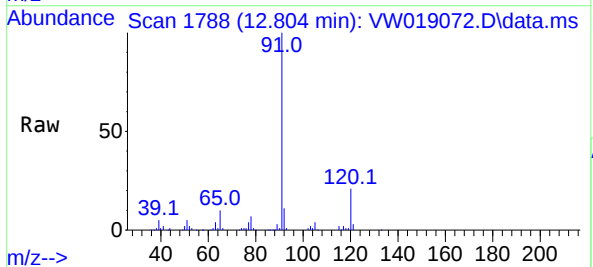
#77
Bromobenzene
Concen: 3.26 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



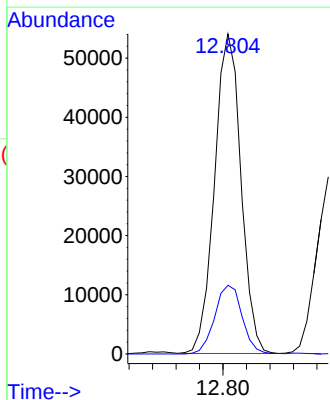
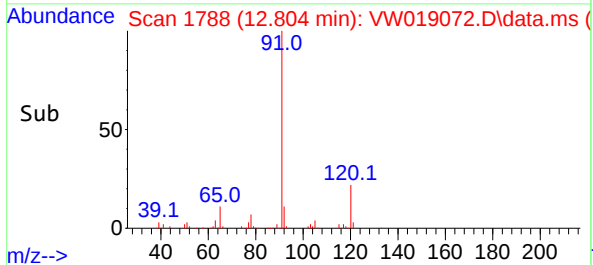
Tgt Ion:156 Resp: 14951
Ion Ratio Lower Upper
156 100
77 205.8 96.7 290.0
158 103.0 48.4 145.3



#78
n-propylbenzene
Concen: 3.17 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



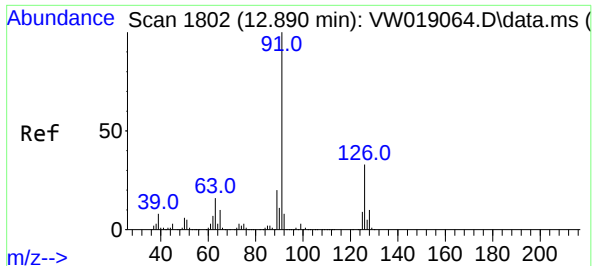
Tgt Ion: 91 Resp: 84274
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.3



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

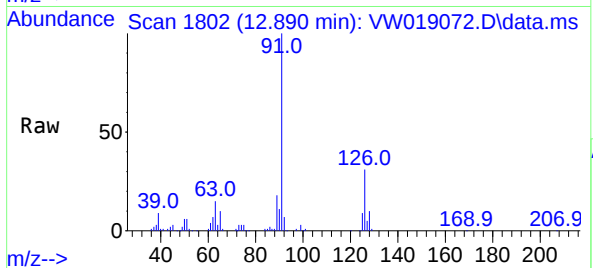
Manual Integrations
APPROVED

MMDadoda
5/25/2021 5:58:48 PM



#79
2-Chlorotoluene
Concen: 3.21 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

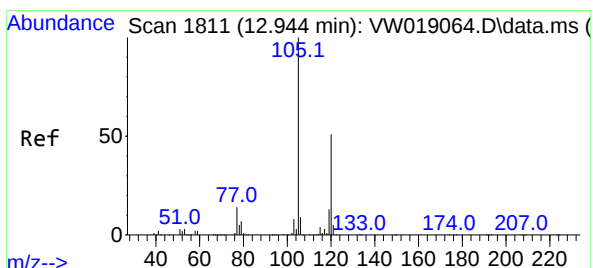
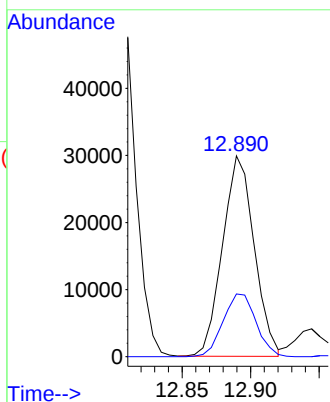
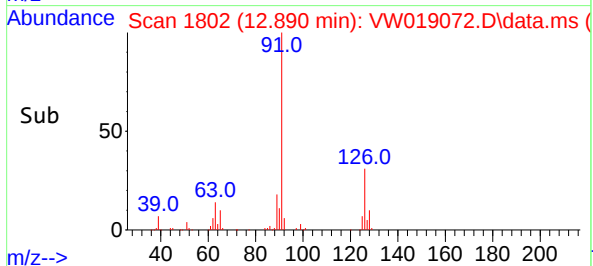
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



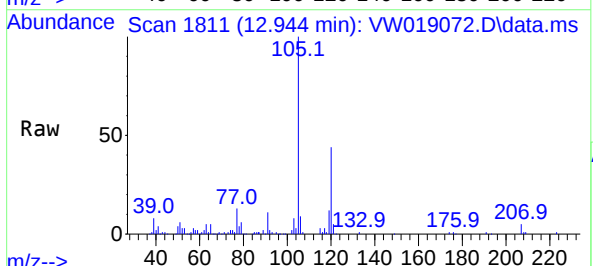
Tgt Ion: 91 Resp: 48114
Ion Ratio Lower Upper
91 100
126 32.5 16.5 49.5

Manual Integrations
APPROVED

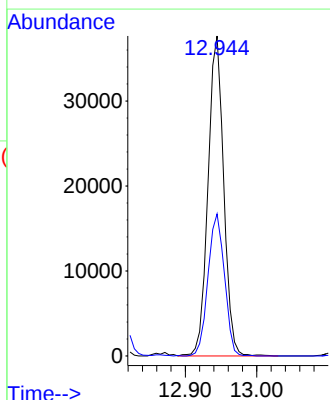
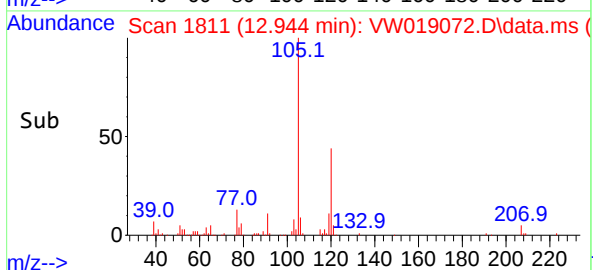
MMDadoda
5/25/2021 5:58:48 PM

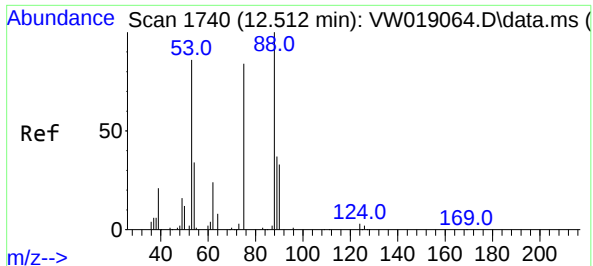


#80
1,3,5-Trimethylbenzene
Concen: 3.17 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



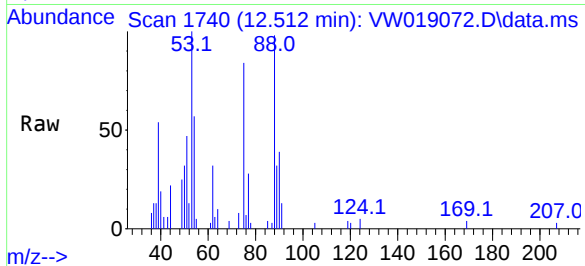
Tgt Ion: 105 Resp: 57304
Ion Ratio Lower Upper
105 100
120 46.5 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 2.52 ug/l m
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

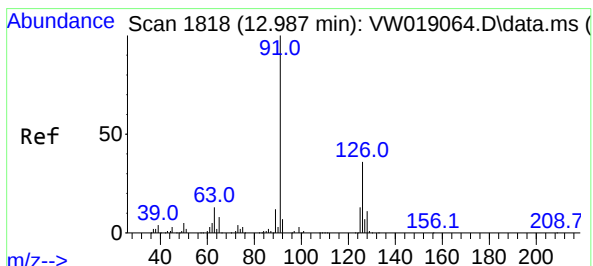
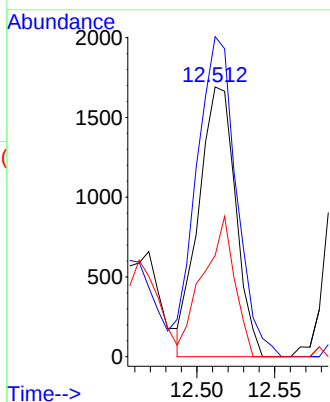
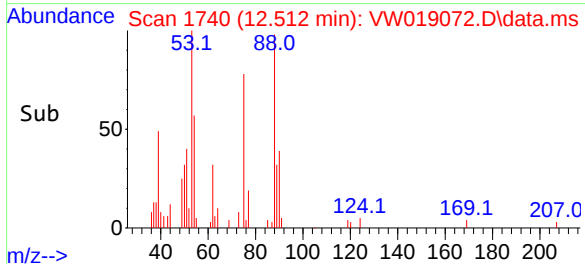
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



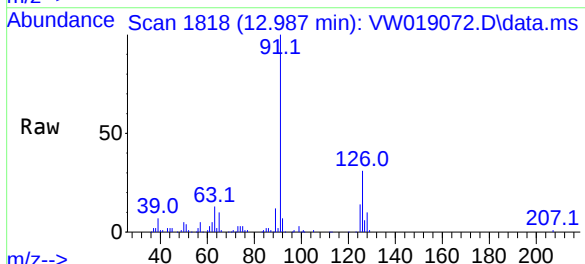
Tgt Ion: 75 Resp: 2791
Ion Ratio Lower Upper
75 100
53 0.0 81.5 122.3#
89 18.3 36.3 54.5#

Manual Integrations
APPROVED

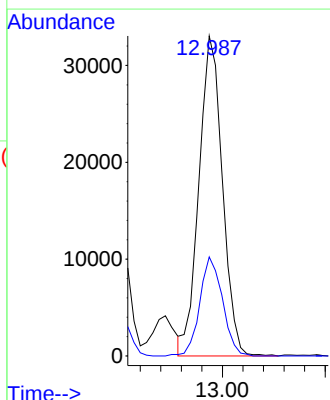
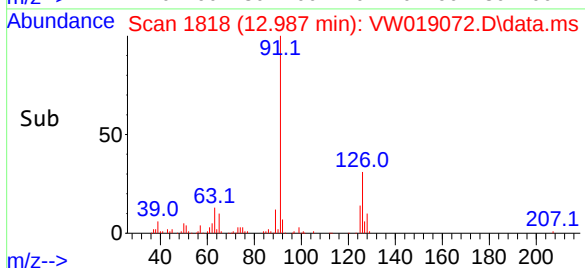
MMDadoda
5/25/2021 5:58:48 PM

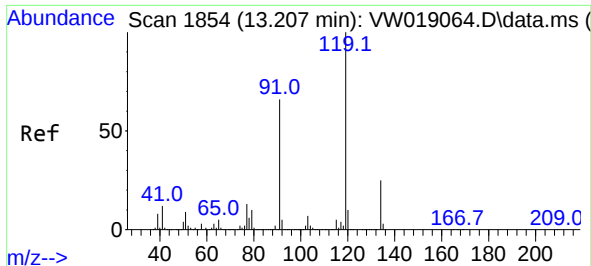


#82
4-Chlorotoluene
Concen: 3.32 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



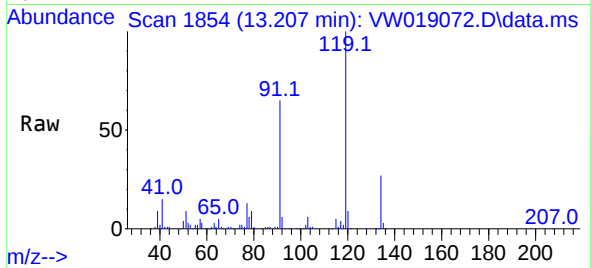
Tgt Ion: 91 Resp: 52483
Ion Ratio Lower Upper
91 100
126 30.0 16.1 48.2





#83
tert-Butylbenzene
Concen: 3.18 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

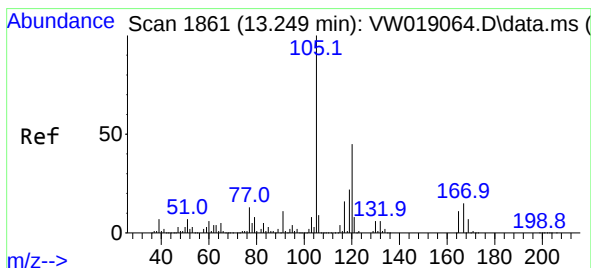
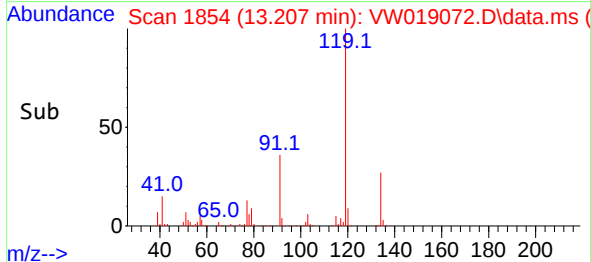
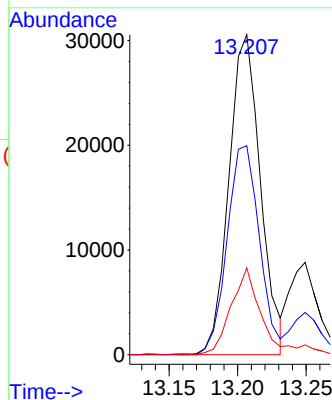
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



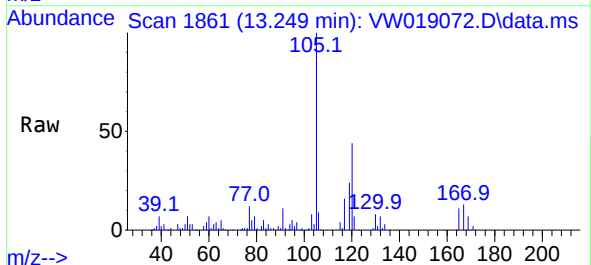
Tgt Ion:119 Resp: 48985
Ion Ratio Lower Upper
119 100
91 67.1 34.0 102.0
134 27.0 13.0 38.9

Manual Integrations
APPROVED

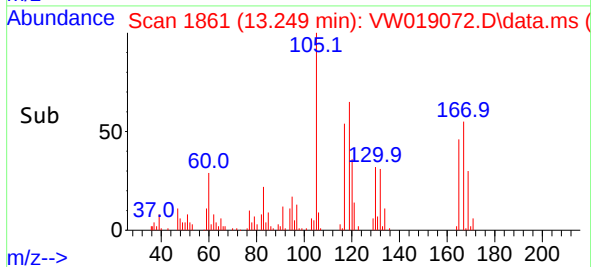
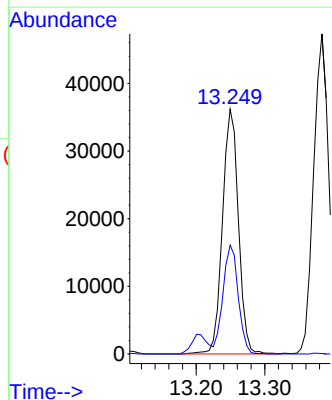
MMDadoda
5/25/2021 5:58:48 PM

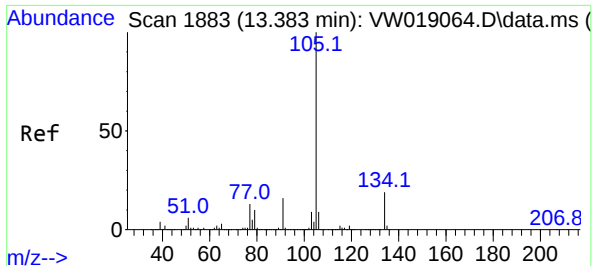


#84
1,2,4-Trimethylbenzene
Concen: 3.23 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



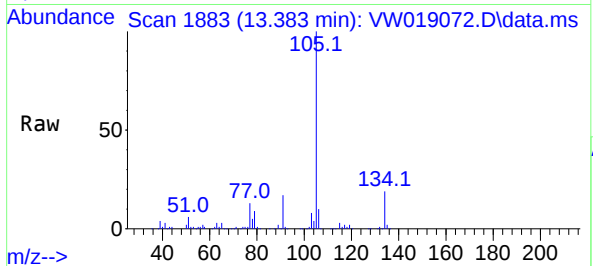
Tgt Ion:105 Resp: 58266
Ion Ratio Lower Upper
105 100
120 42.3 22.4 67.0





#85
sec-Butylbenzene
Concen: 3.17 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

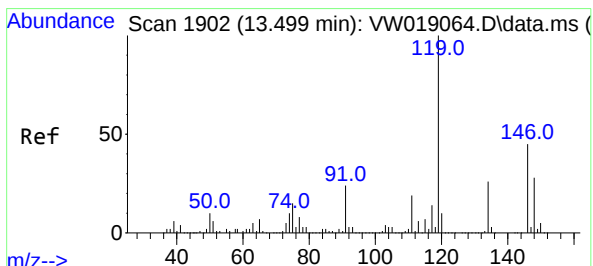
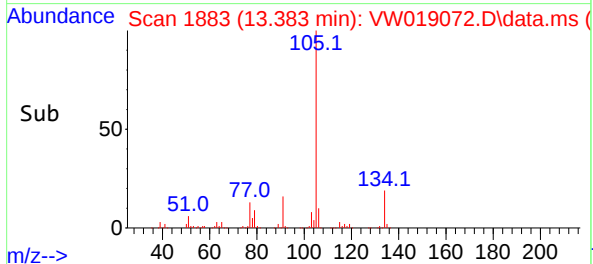
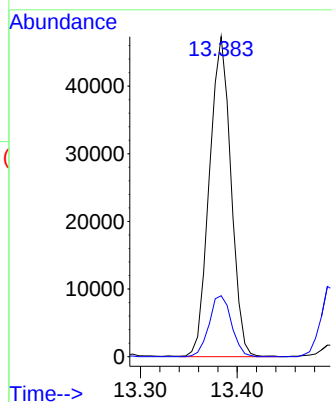
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



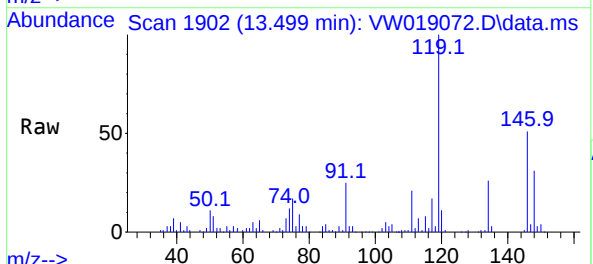
Tgt Ion:105 Resp: 73336
Ion Ratio Lower Upper
105 100
134 19.7 10.1 30.1

Manual Integrations
APPROVED

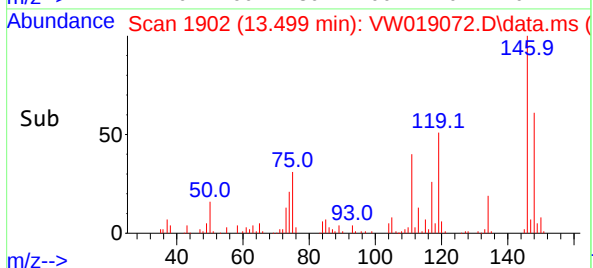
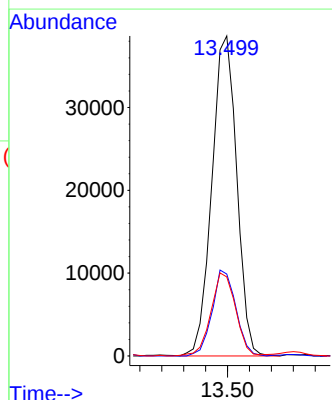
MMDadoda
5/25/2021 5:58:48 PM

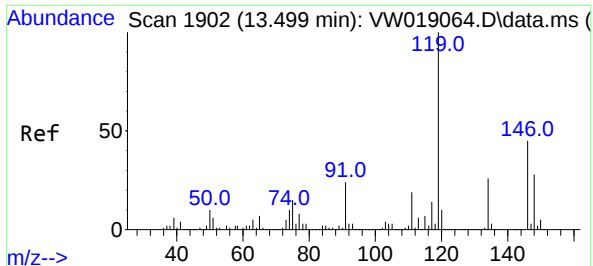


#86
p-Isopropyltoluene
Concen: 3.09 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



Tgt Ion:119 Resp: 60879
Ion Ratio Lower Upper
119 100
134 25.6 12.8 38.3
91 25.7 12.1 36.3





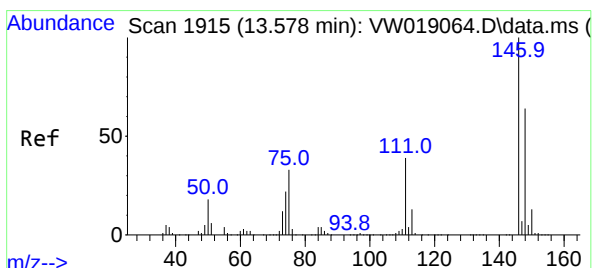
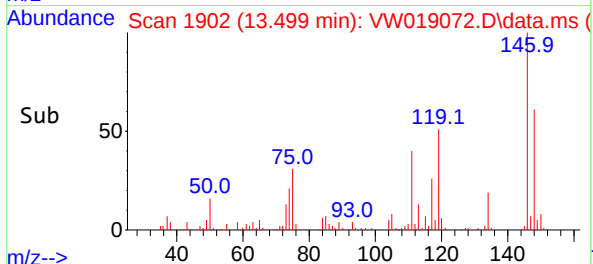
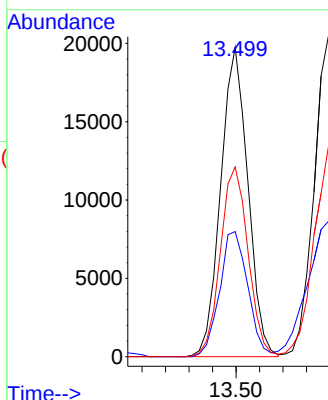
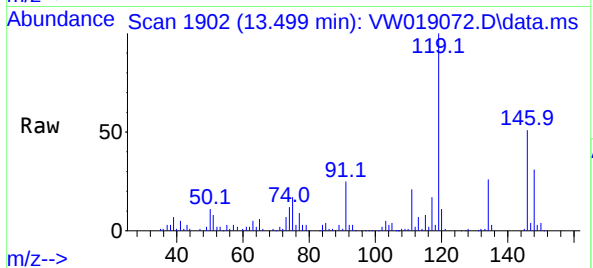
#87
1,3-Dichlorobenzene
Concen: 3.34 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion:146 Resp: 31719
Ion Ratio Lower Upper
146 100
111 41.9 20.7 62.1
148 62.5 31.8 95.3

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

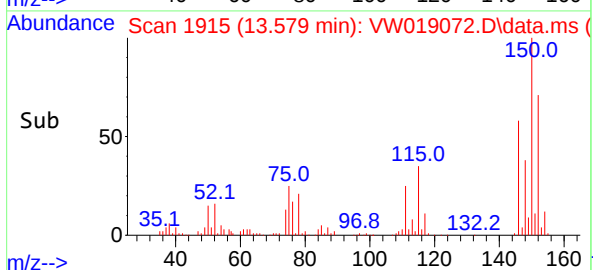
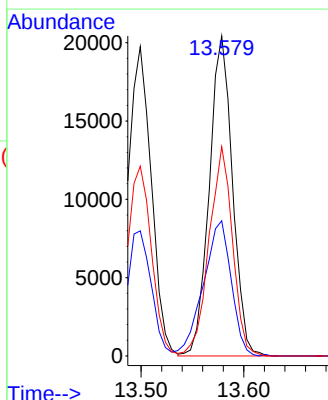
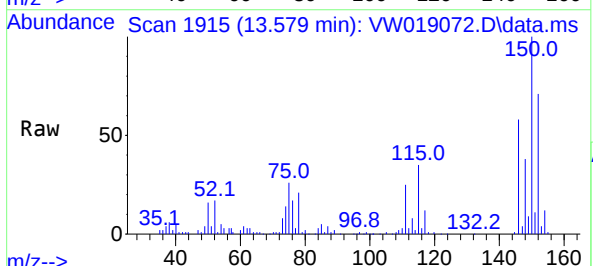
Manual Integrations
APPROVED

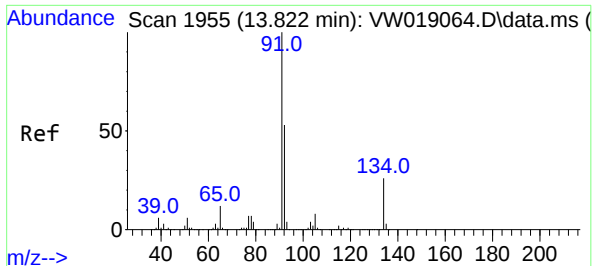
MMDadoda
5/25/2021 5:58:48 PM



#88
1,4-Dichlorobenzene
Concen: 3.43 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion:146 Resp: 32069
Ion Ratio Lower Upper
146 100
111 51.0 20.1 60.3
148 66.1 32.4 97.2





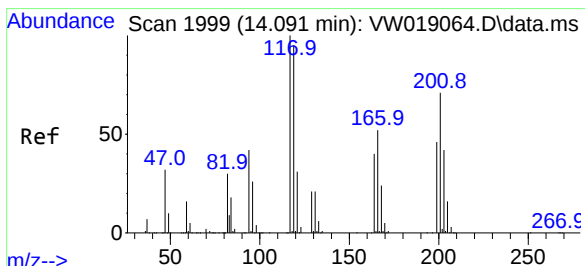
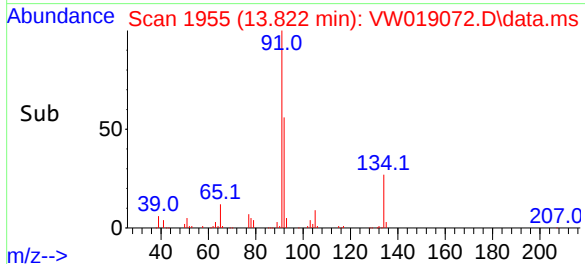
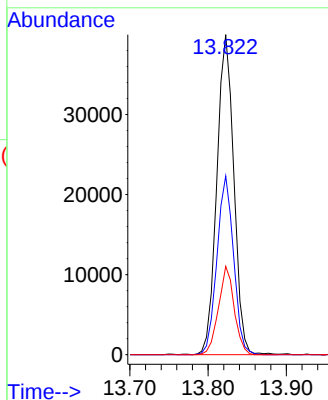
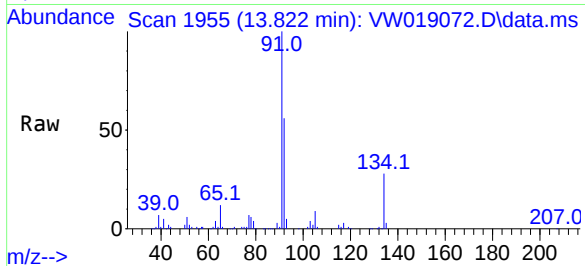
#89
n-Butylbenzene
Concen: 3.07 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion:	91	Resp:	60487
Ion Ratio	Lower	Upper	
91	100		
92	54.5	26.6	79.8
134	25.6	12.7	38.0

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

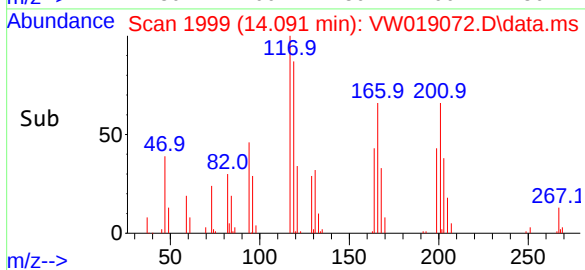
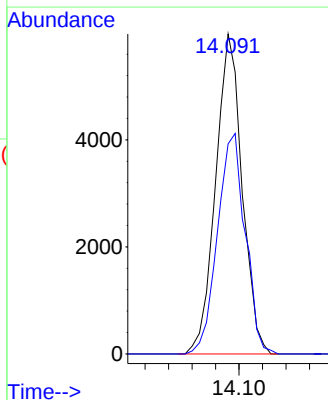
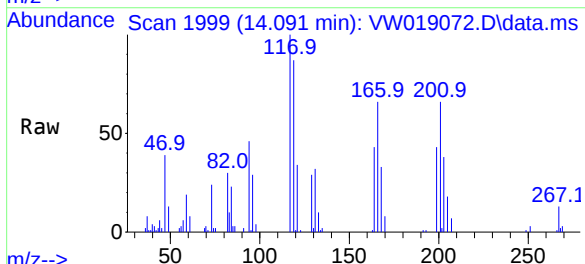
Manual Integrations
APPROVED

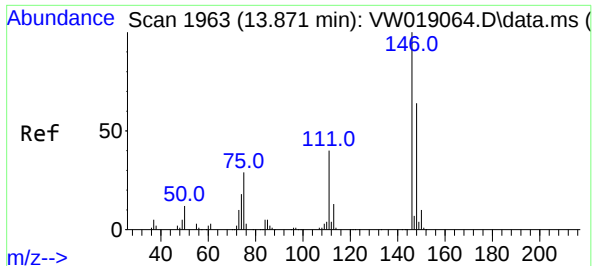
MMDadoda
5/25/2021 5:58:48 PM



#90
Hexachloroethane
Concen: 3.01 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion:	117	Resp:	9363
Ion Ratio	Lower	Upper	
117	100		
201	72.1	38.4	115.2





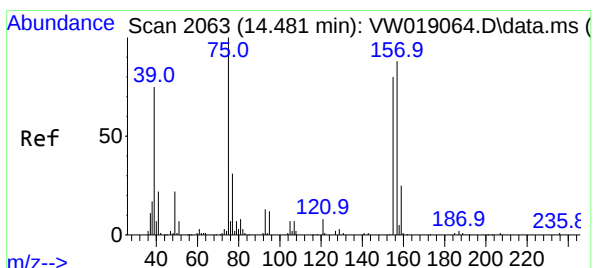
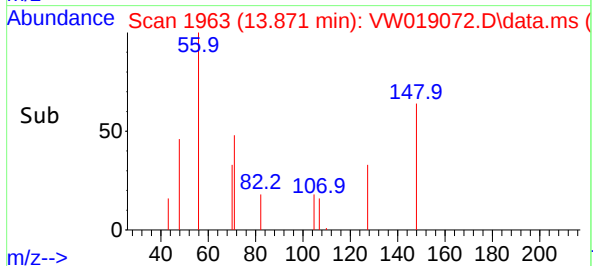
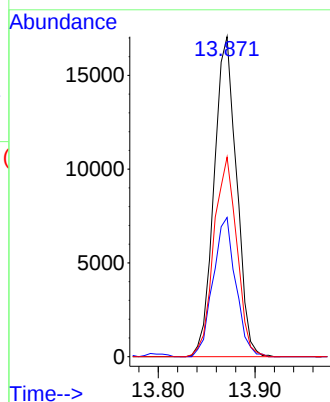
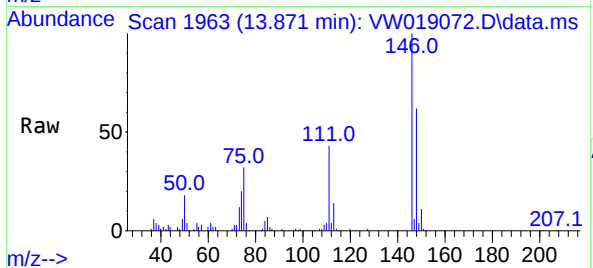
#91
1,2-Dichlorobenzene
Concen: 3.33 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

Tgt Ion:	146	Resp:	27519
Ion Ratio	Lower	Upper	
146	100		
111	44.0	21.1	63.1
148	64.0	32.6	97.7

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

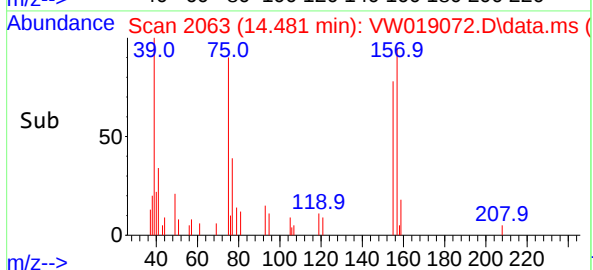
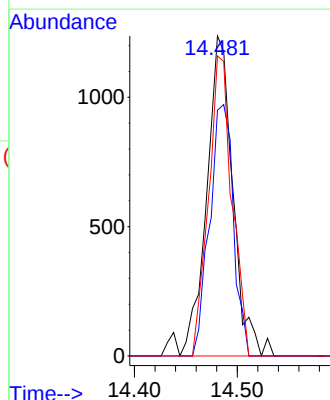
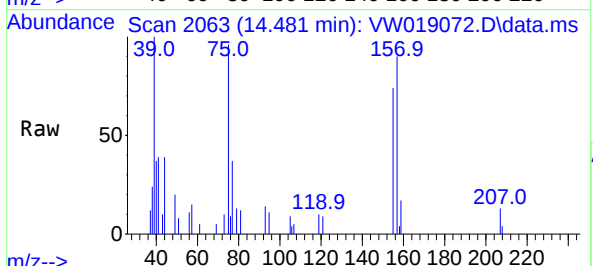
Manual Integrations
APPROVED

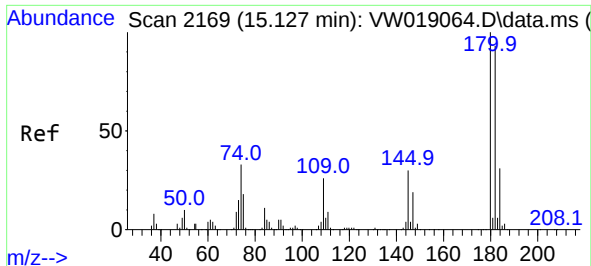
MMDadoda
5/25/2021 5:58:48 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.76 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

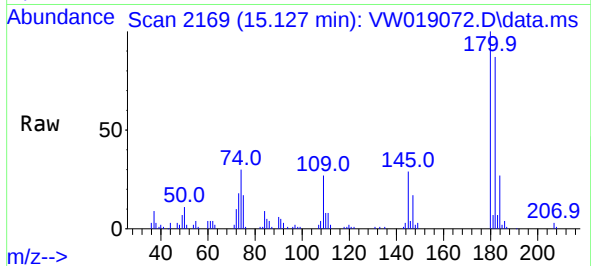
Tgt Ion:	75	Resp:	2188
Ion Ratio	Lower	Upper	
75	100		
155	71.2	41.3	124.1
157	84.3	51.2	153.6





#93
1,2,4-Trichlorobenzene
Concen: 3.35 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

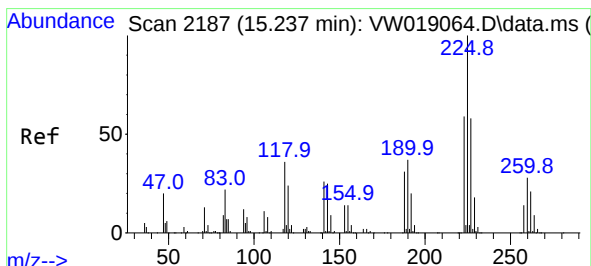
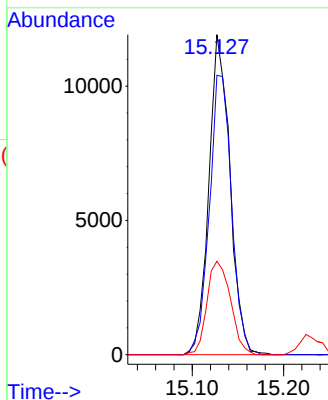
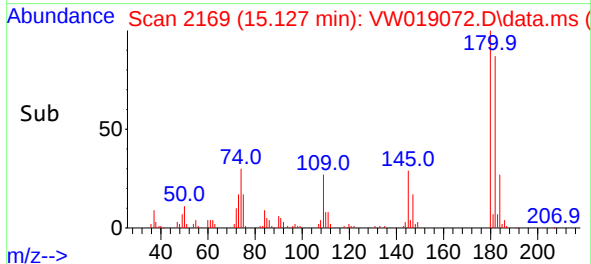
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



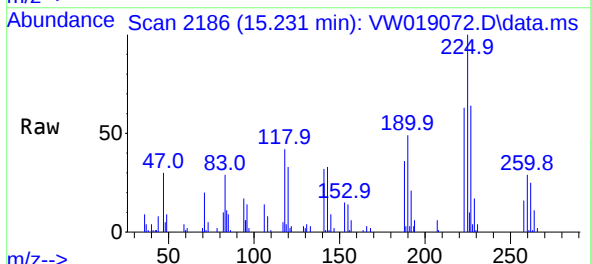
Tgt Ion:180 Resp: 19094
Ion Ratio Lower Upper
180 100
182 91.9 48.9 146.7
145 32.6 15.4 46.1

Manual Integrations
APPROVED

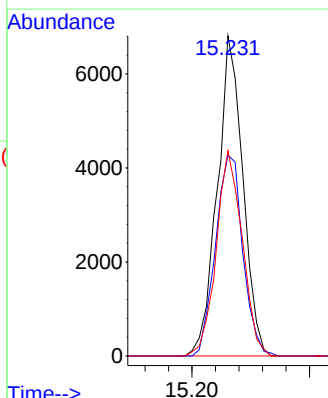
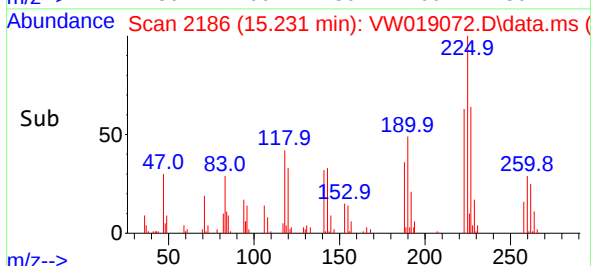
MMDadoda
5/25/2021 5:58:48 PM

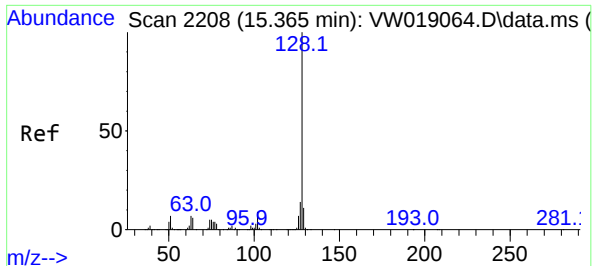


#94
Hexachlorobutadiene
Concen: 3.20 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



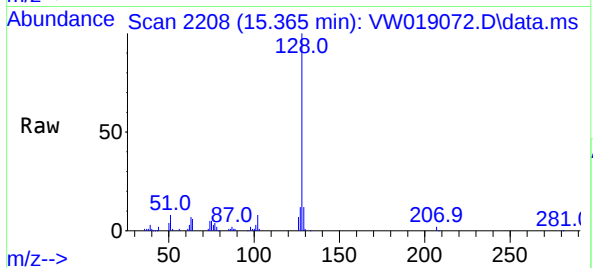
Tgt Ion:225 Resp: 10305
Ion Ratio Lower Upper
225 100
223 66.9 29.6 88.8
227 65.0 30.4 91.3





#95
Naphthalene
Concen: 3.23 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21

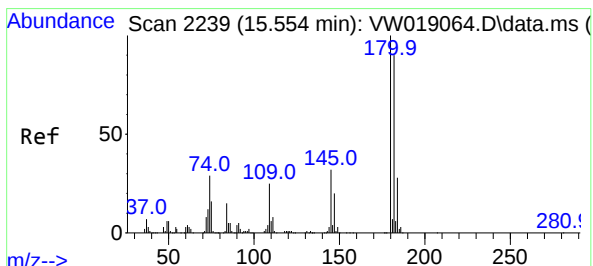
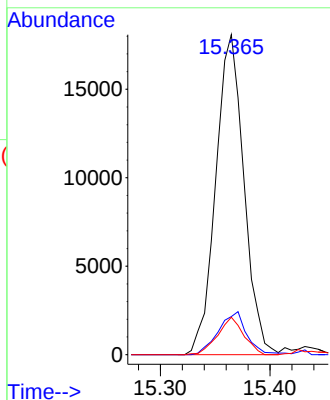
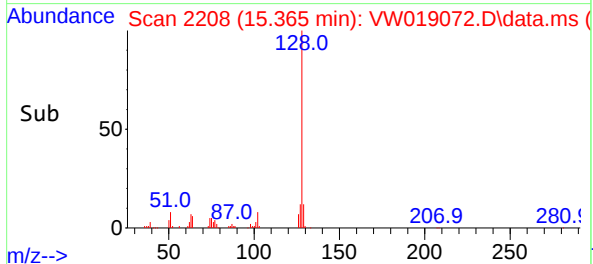
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



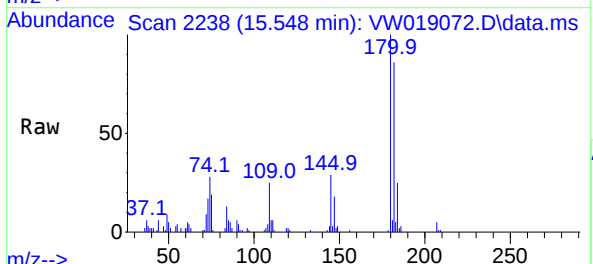
Tgt Ion:128 Resp: 32336
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 10.8 8.5 12.7

Manual Integrations
APPROVED

MMDadoda
5/25/2021 5:58:48 PM



#96
1,2,3-Trichlorobenzene
Concen: 3.55 ug/l
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW019072.D
Acq: 24 May 2021 18:21



Tgt Ion:180 Resp: 17144
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.3
145 33.0 16.1 48.2

