

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052521\
 Data File : VW019081.D
 Acq On : 25 May 2021 17:06
 Operator : SY/VA
 Sample : M2262-03 4PPBMDL
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

Manual Integrations
 APPROVED

MMDadoda
 5/27/2021 10:29:35 AM

Quant Time: May 26 03:29:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 26 03:28:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	335444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	579908	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	515586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	249749	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	233926	55.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.28%	
35) Dibromofluoromethane	7.885	113	207283	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
50) Toluene-d8	10.323	98	821949	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.615	95	287432	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	7493	3.17	ug/l	99
3) Chloromethane	2.215	50	10567	4.05	ug/l	98
4) Vinyl Chloride	2.361	62	14770	3.61	ug/l	98
5) Bromomethane	2.782	94	12508	3.78	ug/l	85
6) Chloroethane	2.928	64	9472	3.48	ug/l	98
7) Trichlorofluoromethane	3.257	101	6850	2.88	ug/l	90
8) Diethyl Ether	3.684	74	6929	3.70	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.074	101	13146	3.66	ug/l	96
10) Methyl Iodide	4.282	142	17864	3.51	ug/l	97
11) Tert butyl alcohol	5.196	59	7284	35.42	ug/l #	89
12) 1,1-Dichloroethene	4.044	96	13138	3.52	ug/l	85
13) Acrolein	3.891	56	4582	18.03	ug/l	99
14) Allyl chloride	4.672	41	16207	3.25	ug/l	97
15) Acrylonitrile	5.373	53	13350	19.40	ug/l	97
16) Acetone	4.135	43	13948	21.55	ug/l	99
17) Carbon Disulfide	4.391	76	33087	3.28	ug/l	100
18) Methyl Acetate	4.678	43	7977	4.56	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	17148	3.77	ug/l	96
20) Methylene Chloride	4.916	84	50469	10.75	ug/l	98
21) trans-1,2-Dichloroethene	5.434	96	14896	3.58	ug/l	94
22) Diisopropyl ether	6.312	45	33838	3.50	ug/l #	89
23) Vinyl Acetate	6.257	43	99588	15.63	ug/l	98
24) 1,1-Dichloroethane	6.220	63	26904	3.59	ug/l	97
25) 2-Butanone	7.184	43	19375	20.28	ug/l	91
26) 2,2-Dichloropropane	7.165	77	17278	4.04	ug/l	90
27) cis-1,2-Dichloroethene	7.171	96	16969	3.71	ug/l	92
28) Bromochloromethane	7.513	49	12427	4.19	ug/l	95
29) Tetrahydrofuran	7.537	42	10476	19.36	ug/l	94
30) Chloroform	7.677	83	28245	3.74	ug/l	97
31) Cyclohexane	7.958	56	27785	4.36	ug/l #	70
32) 1,1,1-Trichloroethane	7.872	97	20945	3.61	ug/l	95
36) 1,1-Dichloropropene	8.086	75	21986	3.40	ug/l	98
37) Ethyl Acetate	7.257	43	9121	3.90	ug/l	96
38) Carbon Tetrachloride	8.074	117	18503	3.22	ug/l	99
39) Methylcyclohexane	9.336	83	23220	3.23	ug/l	98
40) Benzene	8.324	78	62363	3.54	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052521\
 Data File : VW019081.D
 Acq On : 25 May 2021 17:06
 Operator : SY/VA
 Sample : M2262-03 4PPBMDL
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

Manual Integrations
 APPROVED

MMDadoda
 5/27/2021 10:29:35 AM

Quant Time: May 26 03:29:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 26 03:28:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	5334m	3.90	ug/l	
42) 1,2-Dichloroethane	8.403	62	19155	3.68	ug/l	100
43) Isopropyl Acetate	8.433	43	15520	3.44	ug/l	96
44) Trichloroethene	9.092	130	15697	3.39	ug/l	95
45) 1,2-Dichloropropane	9.372	63	14944	3.49	ug/l	93
46) Dibromomethane	9.464	93	8048	3.61	ug/l	99
47) Bromodichloromethane	9.646	83	18810	3.28	ug/l #	99
48) Methyl methacrylate	9.439	41	6639	3.15	ug/l	92
49) 1,4-Dioxane	9.464	88	1996	74.58	ug/l #	84
51) 4-Methyl-2-Pentanone	10.213	43	40640	17.74	ug/l	99
52) Toluene	10.390	92	38528	3.43	ug/l	98
53) t-1,3-Dichloropropene	10.610	75	17847	3.12	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	20624	3.04	ug/l	95
55) 1,1,2-Trichloroethane	10.787	97	11314	3.59	ug/l	97
56) Ethyl methacrylate	10.646	69	12335	3.12	ug/l	96
57) 1,3-Dichloropropane	10.933	76	19869	3.53	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.927	63	35365	17.72	ug/l	98
59) 2-Hexanone	10.969	43	24828	16.12	ug/l	99
60) Dibromochloromethane	11.128	129	11527	3.27	ug/l	97
61) 1,2-Dibromoethane	11.238	107	10320	3.48	ug/l	98
64) Tetrachloroethene	10.866	164	12930	3.50	ug/l	91
65) Chlorobenzene	11.658	112	40963	3.57	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.731	131	12650	3.23	ug/l	98
67) Ethyl Benzene	11.731	91	72651	3.34	ug/l	95
68) m/p-Xylenes	11.841	106	52480	6.58	ug/l	98
69) o-Xylene	12.164	106	24854	3.30	ug/l	98
70) Styrene	12.183	104	38814	3.08	ug/l	98
71) Bromoform	12.347	173	5628	2.98	ug/l #	95
73) Isopropylbenzene	12.463	105	64639	3.17	ug/l	100
74) N-amyl acetate	12.274	43	13095	3.20	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	13071	3.76	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	10202m	4.28	ug/l	
77) Bromobenzene	12.750	156	15305	3.51	ug/l	96
78) n-propylbenzene	12.804	91	82053	3.25	ug/l	99
79) 2-Chlorotoluene	12.890	91	48245	3.39	ug/l	97
80) 1,3,5-Trimethylbenzene	12.945	105	56789	3.30	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	2941m	2.79	ug/l	
82) 4-Chlorotoluene	12.987	91	49000	3.27	ug/l	99
83) tert-Butylbenzene	13.201	119	45714	3.12	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	56208	3.28	ug/l	95
85) sec-Butylbenzene	13.384	105	70503	3.21	ug/l	100
86) p-Isopropyltoluene	13.493	119	58758	3.14	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	30757	3.41	ug/l	96
88) 1,4-Dichlorobenzene	13.579	146	32480	3.66	ug/l	94
89) n-Butylbenzene	13.823	91	58638	3.13	ug/l	99
90) Hexachloroethane	14.091	117	9314	3.15	ug/l	97
91) 1,2-Dichlorobenzene	13.871	146	27226	3.47	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2042	3.70	ug/l	89
93) 1,2,4-Trichlorobenzene	15.127	180	17929	3.31	ug/l	99
94) Hexachlorobutadiene	15.231	225	9704	3.17	ug/l	89
95) Naphthalene	15.365	128	30880	3.25	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	16443	3.58	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052521\
Data File : VW019081.D
Acq On : 25 May 2021 17:06
Operator : SY/VA
Sample : M2262-03 4PPBMDL
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

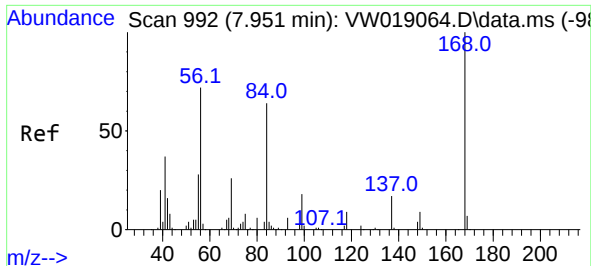
Manual Integrations
APPROVED

MMDadoda
5/27/2021 10:29:35 AM

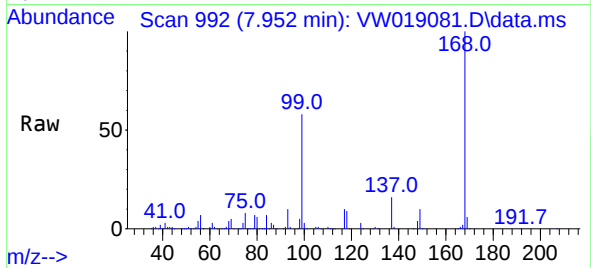
Quant Time: May 26 03:29:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
Quant Title : SW846 8260
QLast Update : Wed May 26 03:28:42 2021
Response via : Initial Calibration

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

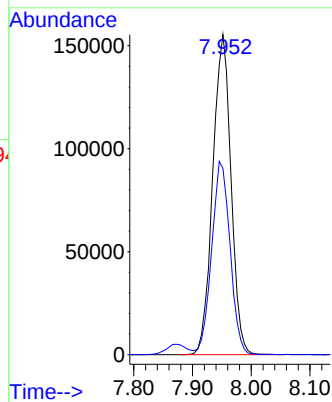
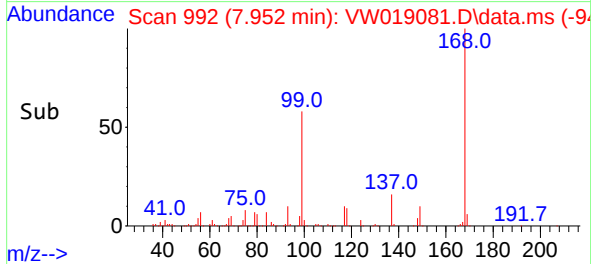
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



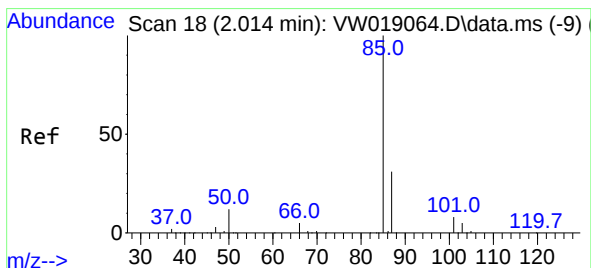
Tgt Ion: 168 Resp: 335444
Ion Ratio Lower Upper
168 100
99 58.2 48.8 73.2



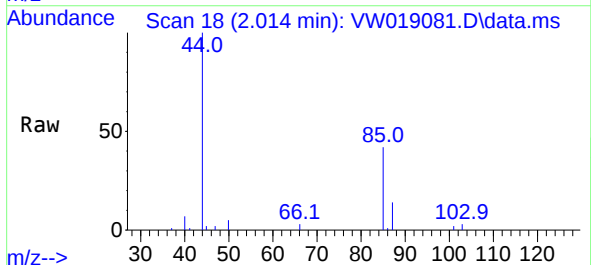
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
APPROVED

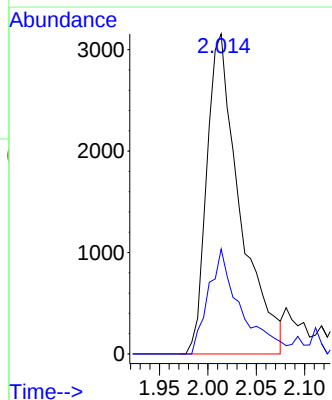
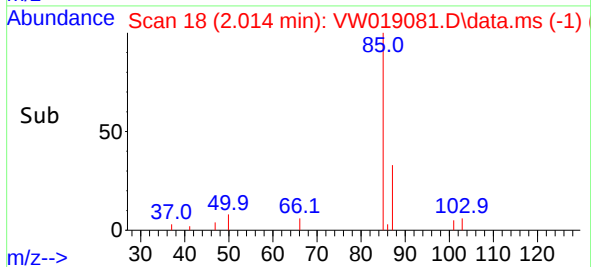
MMDadoda
5/27/2021 10:29:35 AM

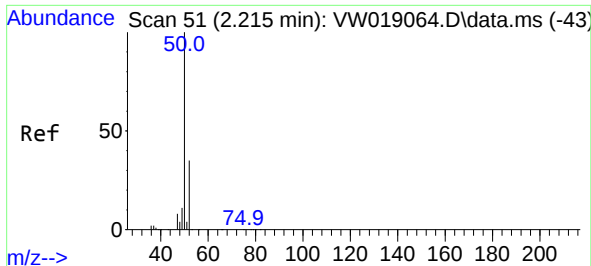


#2
Dichlorodifluoromethane
Concen: 3.17 ug/l
RT: 2.014 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



Tgt Ion: 85 Resp: 7493
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.0





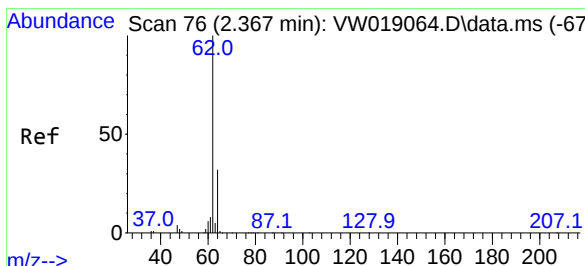
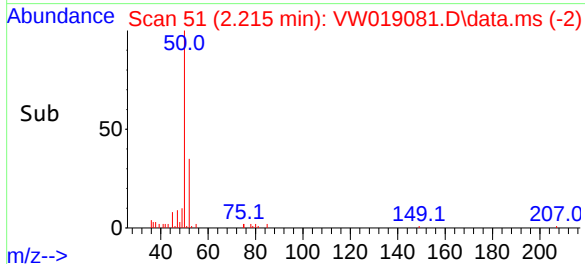
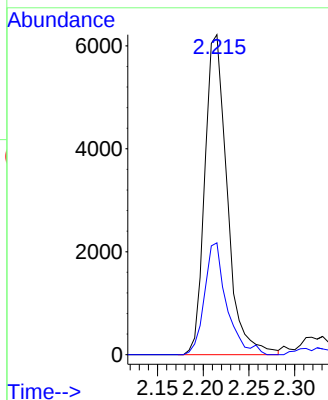
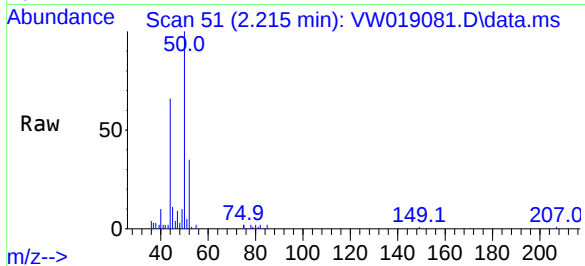
#3
Chloromethane
Concen: 4.05 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 50 Resp: 10567
Ion Ratio Lower Upper
50 100
52 34.9 26.9 40.3

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

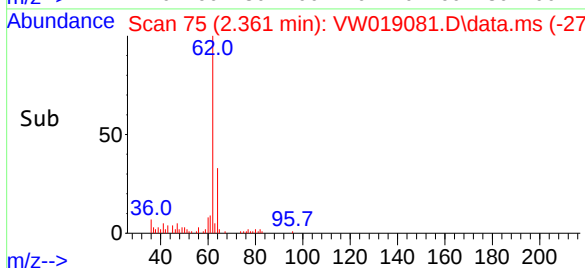
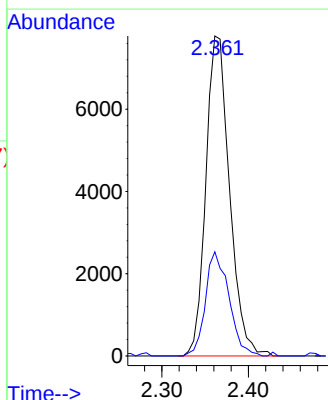
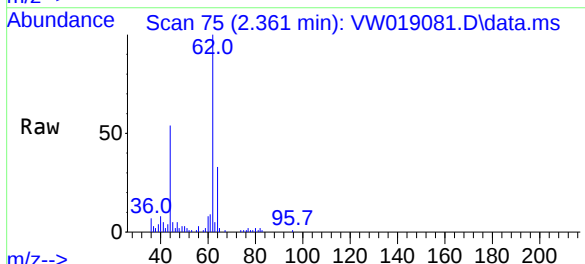
Manual Integrations
APPROVED

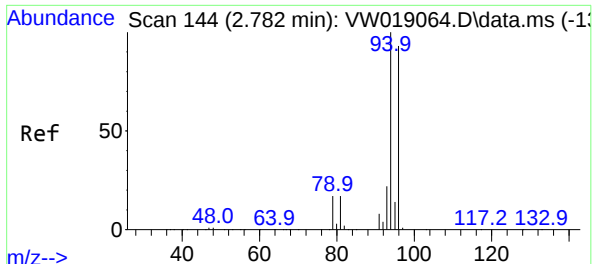
MMDadoda
5/27/2021 10:29:35 AM



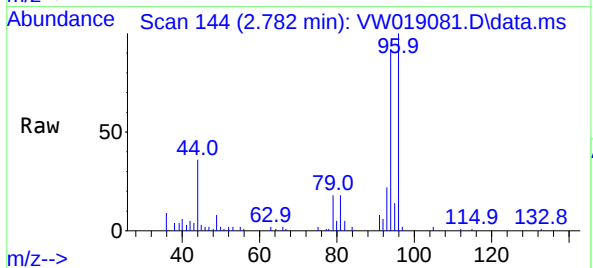
#4
Vinyl Chloride
Concen: 3.61 ug/l
RT: 2.361 min Scan# 75
Delta R.T. -0.006 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 62 Resp: 14770
Ion Ratio Lower Upper
62 100
64 32.6 25.3 37.9

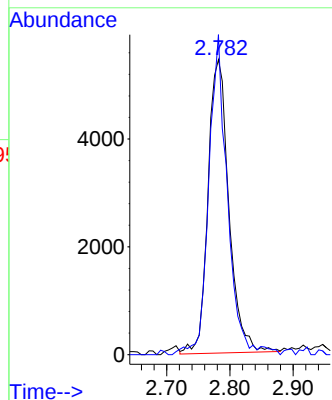
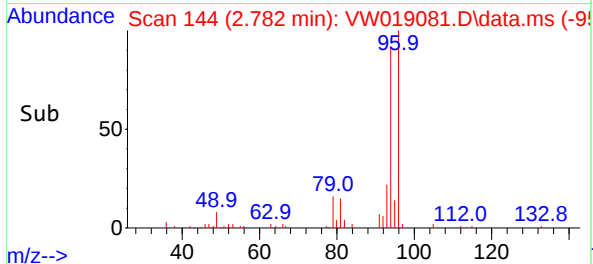




#5
Bromomethane
Concen: 3.78 ug/l
RT: 2.782 min Scan# 144
Delta R.T. -0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



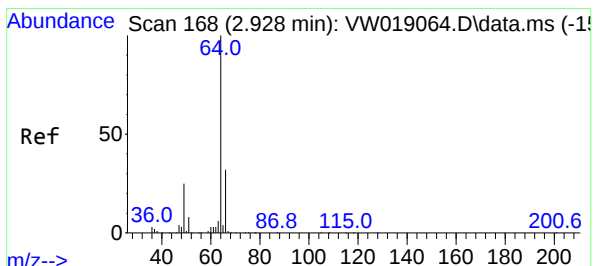
Tgt Ion: 94 Resp: 12508
Ion Ratio Lower Upper
94 100
96 109.7 76.4 114.6



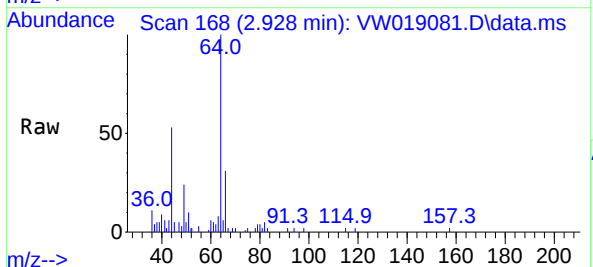
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
APPROVED

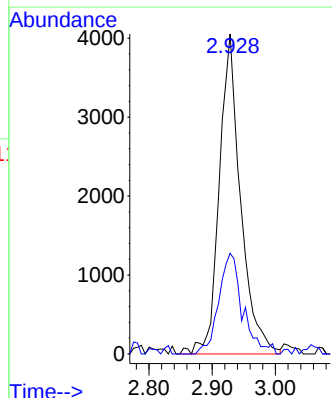
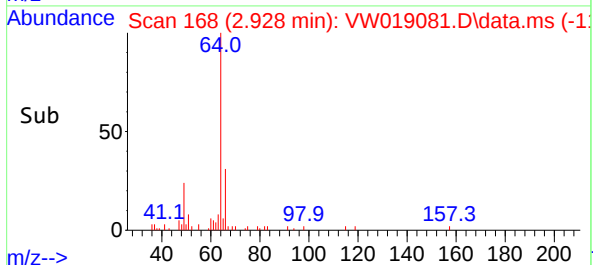
MMDadoda
5/27/2021 10:29:35 AM

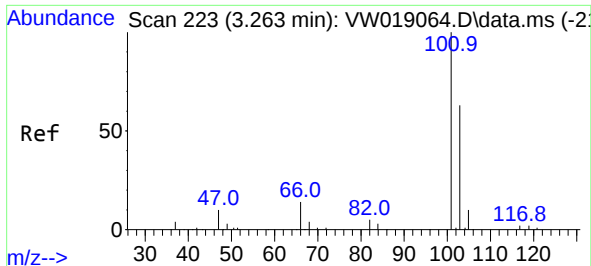


#6
Chloroethane
Concen: 3.48 ug/l
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



Tgt Ion: 64 Resp: 9472
Ion Ratio Lower Upper
64 100
66 31.5 25.9 38.9





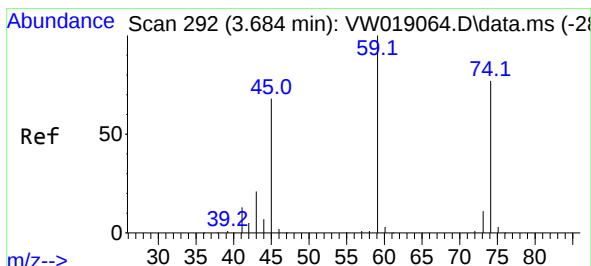
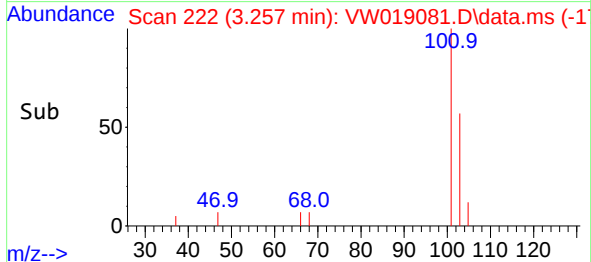
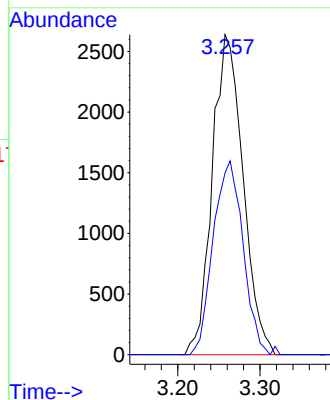
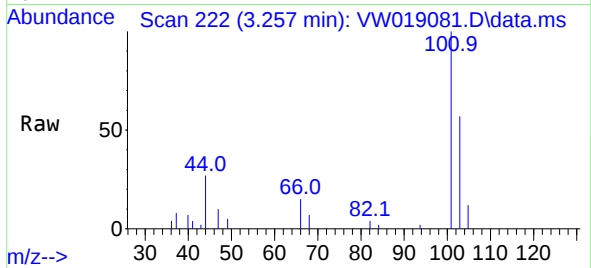
#7
Trichlorofluoromethane
Concen: 2.88 ug/l
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 101 Resp: 6850
Ion Ratio Lower Upper
101 100
103 56.7 51.4 77.2

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

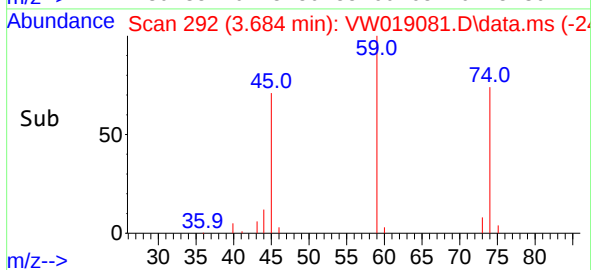
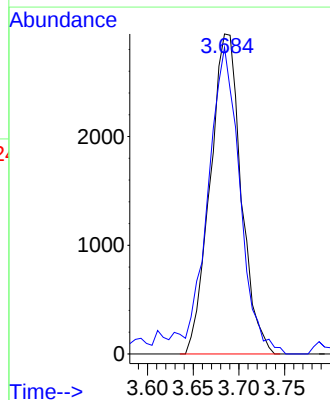
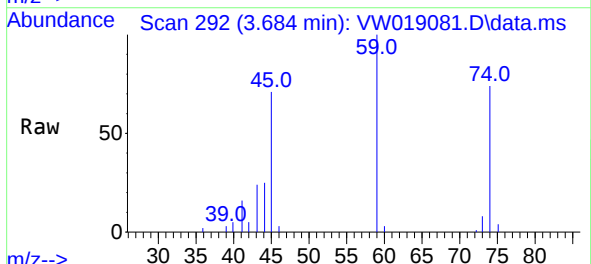
Manual Integrations
APPROVED

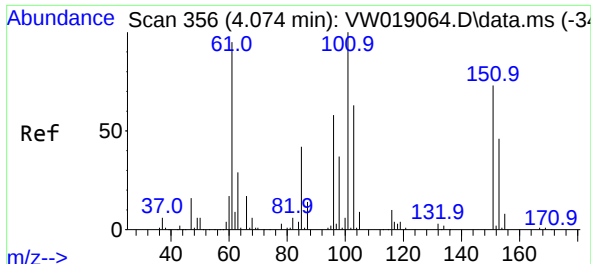
MMDadoda
5/27/2021 10:29:35 AM



#8
Diethyl Ether
Concen: 3.70 ug/l
RT: 3.684 min Scan# 292
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 74 Resp: 6929
Ion Ratio Lower Upper
74 100
45 100.4 43.3 129.8





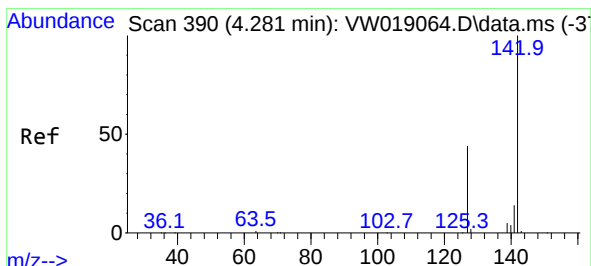
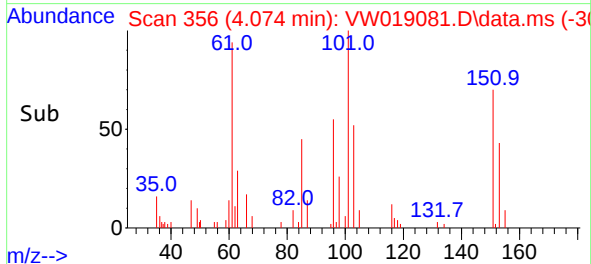
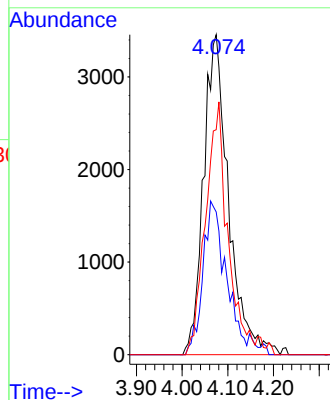
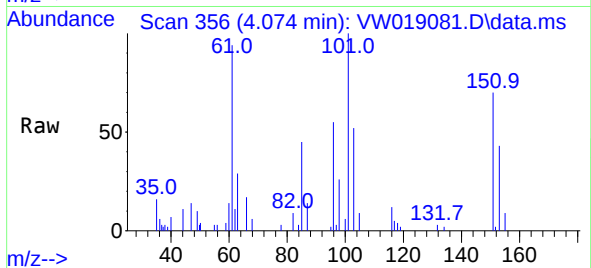
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.66 ug/l
RT: 4.074 min Scan# 356
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion:	101	Resp:	13146
Ion	Ratio	Lower	Upper
101	100		
85	44.2	35.9	53.9
151	69.7	59.8	89.6

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

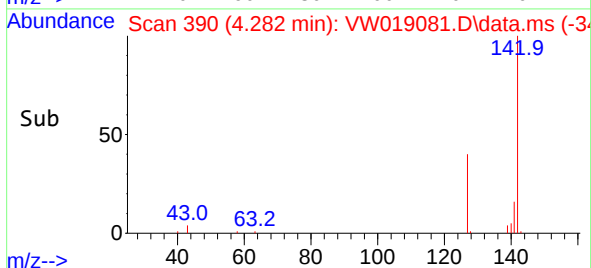
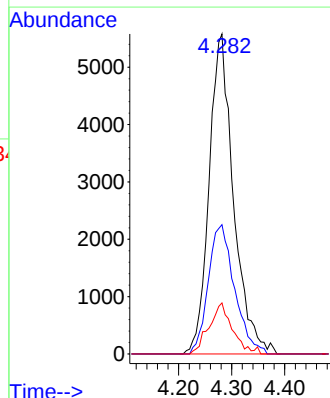
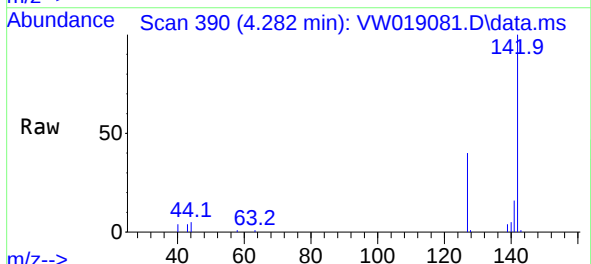
Manual Integrations
APPROVED

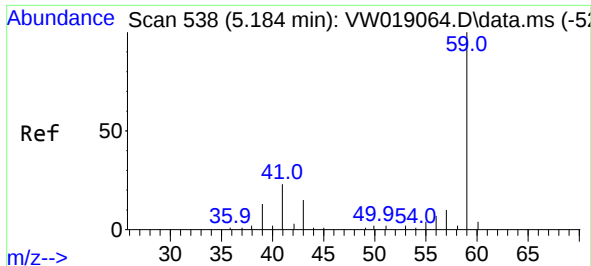
MMDadoda
5/27/2021 10:29:35 AM



#10
Methyl Iodide
Concen: 3.51 ug/l
RT: 4.282 min Scan# 390
Delta R.T. 0.001 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion:	142	Resp:	17864
Ion	Ratio	Lower	Upper
142	100		
127	43.5	33.7	50.5
141	15.4	11.2	16.8





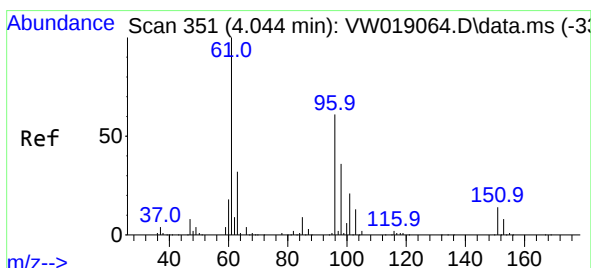
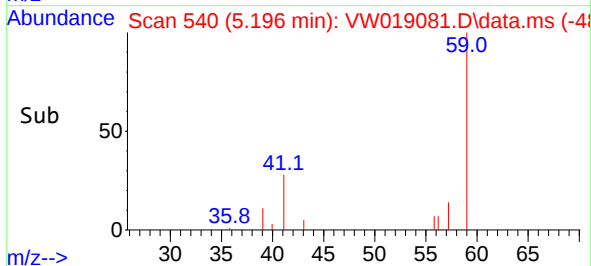
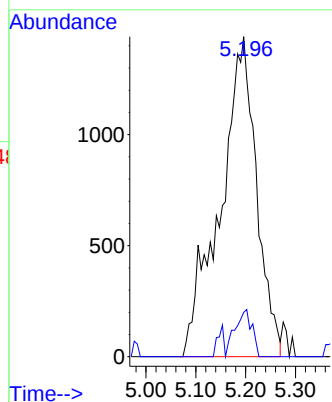
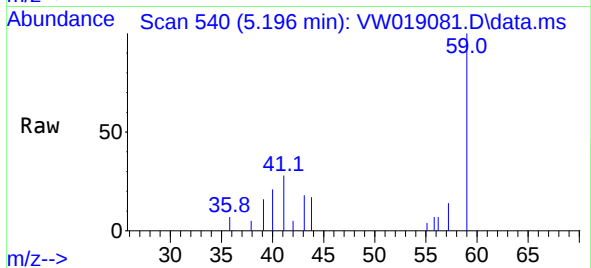
#11
Tert butyl alcohol
Concen: 35.42 ug/l
RT: 5.196 min Scan# 540
Delta R.T. 0.012 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 59 Resp: 7284
Ion Ratio Lower Upper
59 100
57 6.9 8.9 13.3#

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

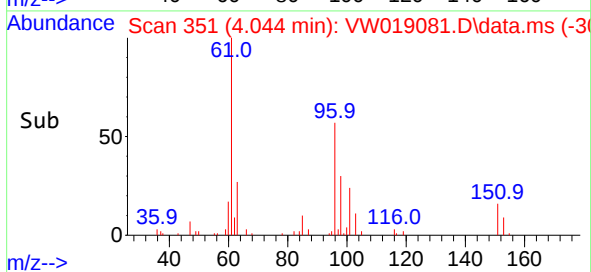
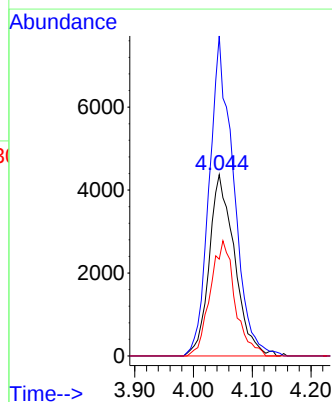
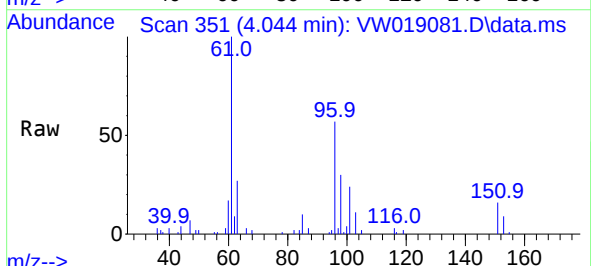
Manual Integrations
APPROVED

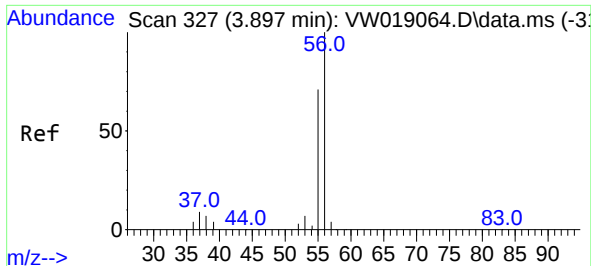
MMDadoda
5/27/2021 10:29:35 AM



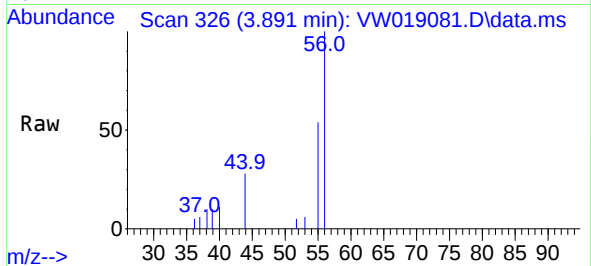
#12
1,1-Dichloroethene
Concen: 3.52 ug/l
RT: 4.044 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 96 Resp: 13138
Ion Ratio Lower Upper
96 100
61 176.4 123.0 184.4
98 53.4 47.5 71.3

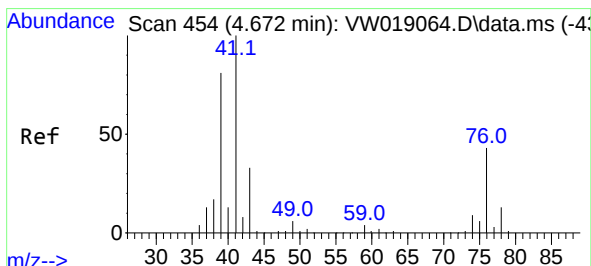
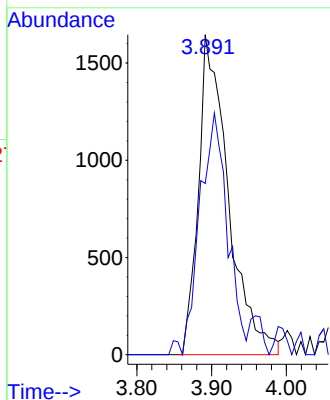
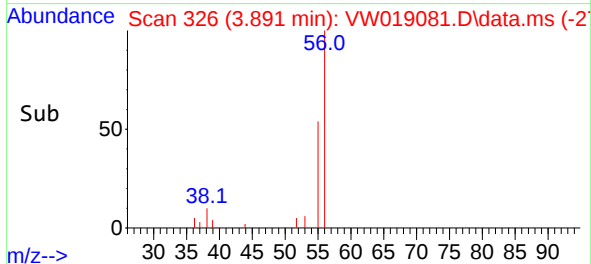




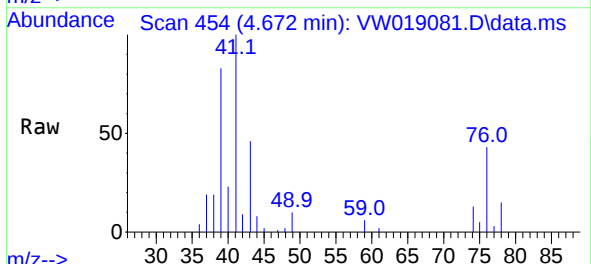
#13
Acrolein
Concen: 18.03 ug/l
RT: 3.891 min Scan# 326
Delta R.T. -0.006 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



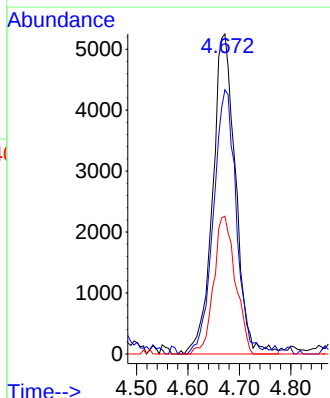
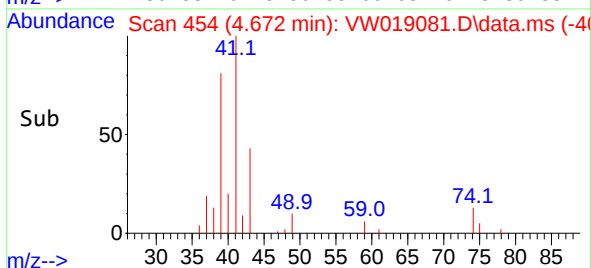
Tgt Ion: 56 Resp: 4582
Ion Ratio Lower Upper
56 100
55 70.0 56.7 85.1



#14
Allyl chloride
Concen: 3.25 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



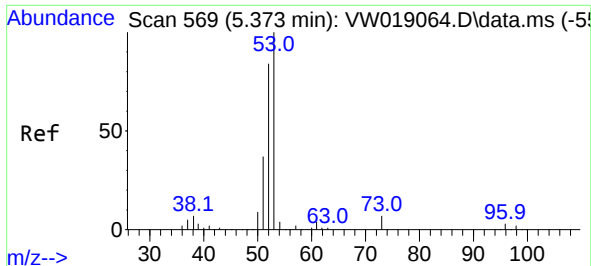
Tgt Ion: 41 Resp: 16207
Ion Ratio Lower Upper
41 100
39 82.2 63.9 95.9
76 40.9 35.1 52.7



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
APPROVED

MMDadoda
5/27/2021 10:29:35 AM



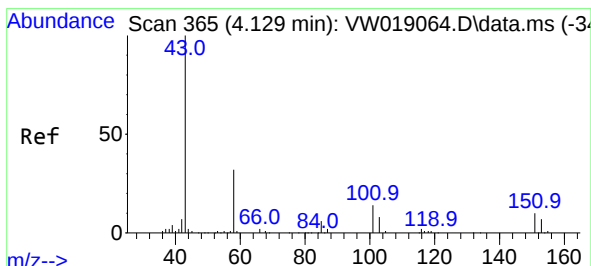
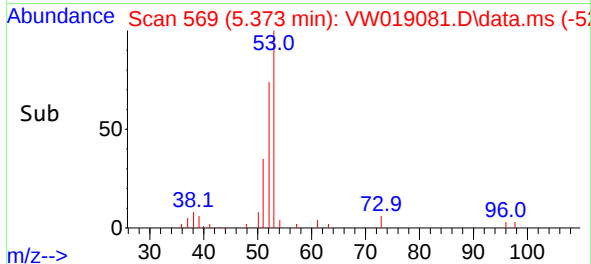
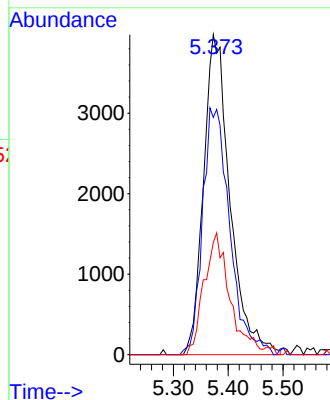
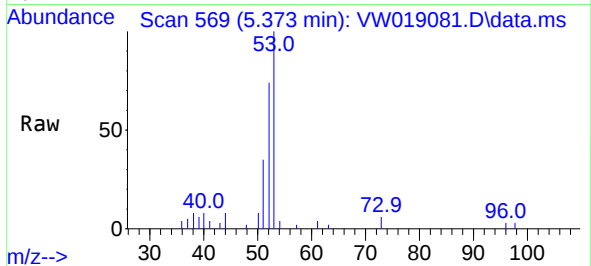
#15
Acrylonitrile
Concen: 19.40 ug/l
RT: 5.373 min Scan# 569
Delta R.T. -0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion:	53	Resp:	13350
Ion	Ratio	Lower	Upper
53	100		
52	79.1	66.5	99.7
51	37.0	29.8	44.8

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

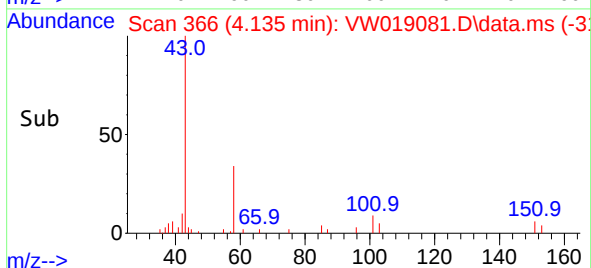
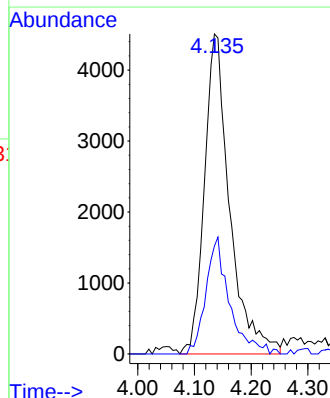
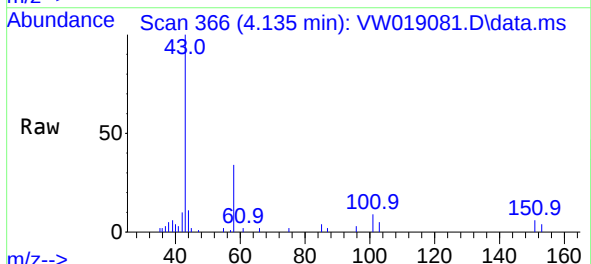
Manual Integrations
APPROVED

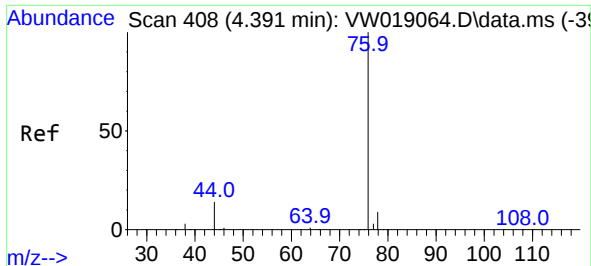
MMDadoda
5/27/2021 10:29:35 AM



#16
Acetone
Concen: 21.55 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

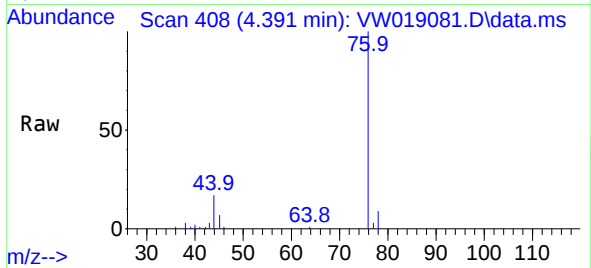
Tgt Ion:	43	Resp:	13948
Ion	Ratio	Lower	Upper
43	100		
58	33.8	26.4	39.6



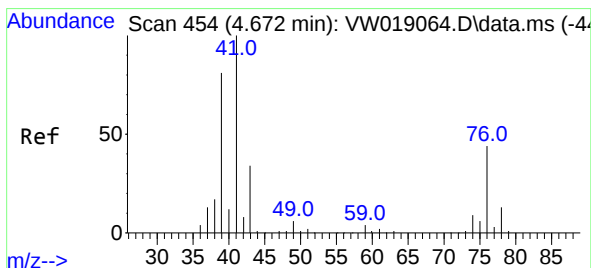
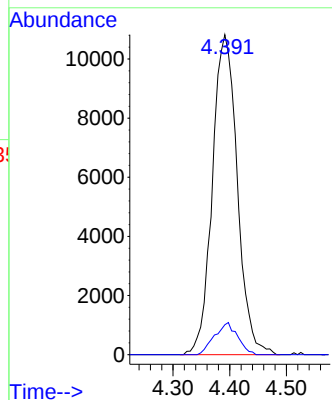
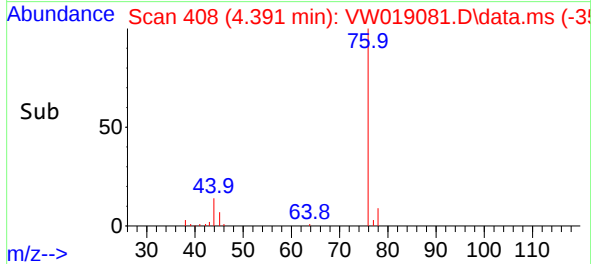


#17
Carbon Disulfide
Concen: 3.28 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

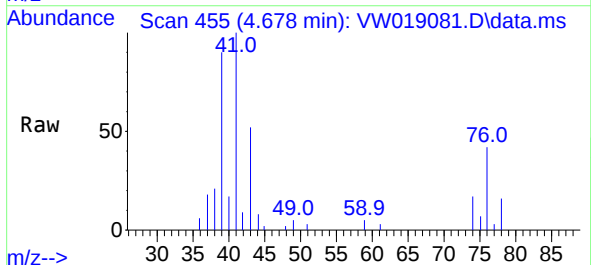
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021



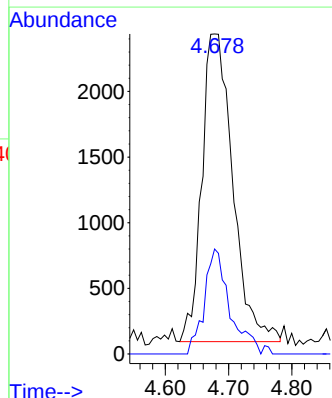
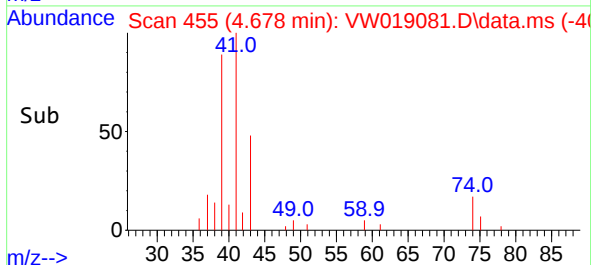
Tgt Ion: 76 Resp: 33087
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

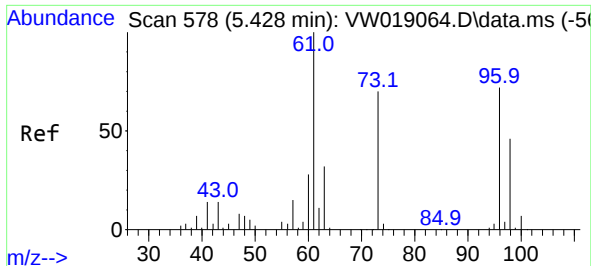


#18
Methyl Acetate
Concen: 4.56 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



Tgt Ion: 43 Resp: 7977
Ion Ratio Lower Upper
43 100
74 27.9 21.8 32.8





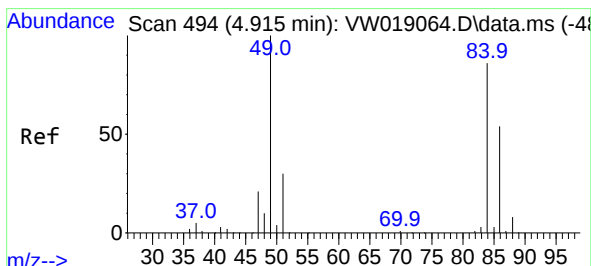
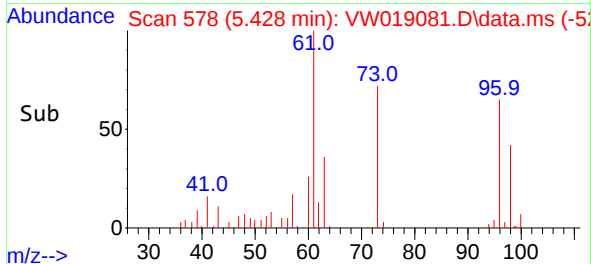
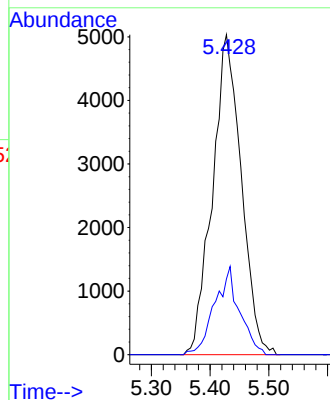
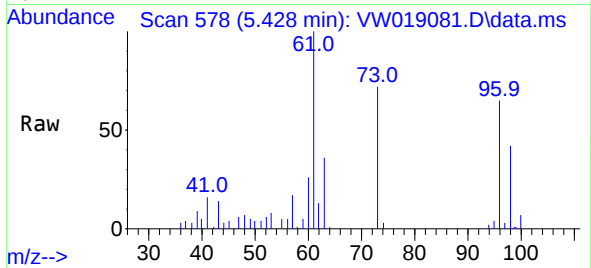
#19
Methyl tert-butyl Ether
Concen: 3.77 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 73 Resp: 17148
Ion Ratio Lower Upper
73 100
57 23.7 17.4 26.0

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

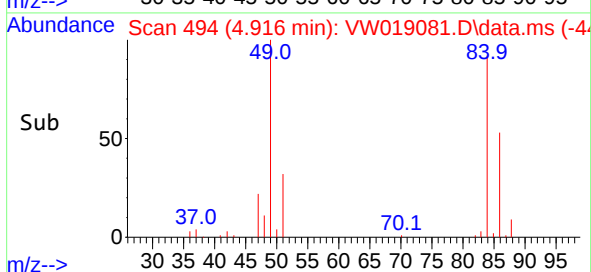
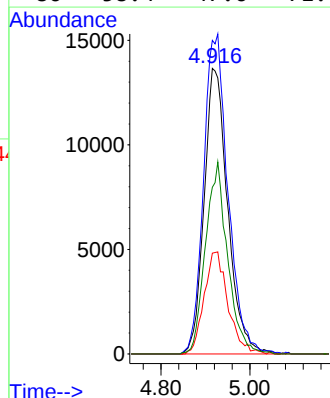
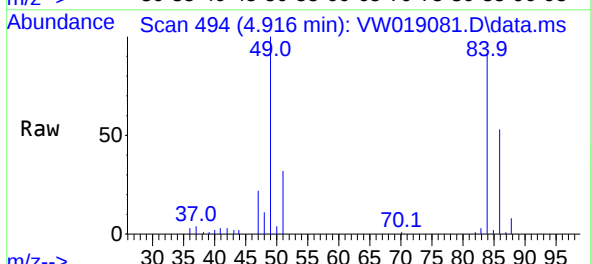
Manual Integrations
APPROVED

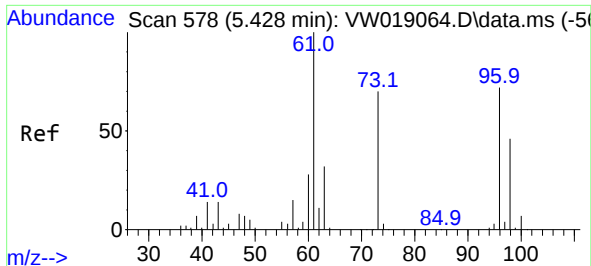
MMDadoda
5/27/2021 10:29:35 AM



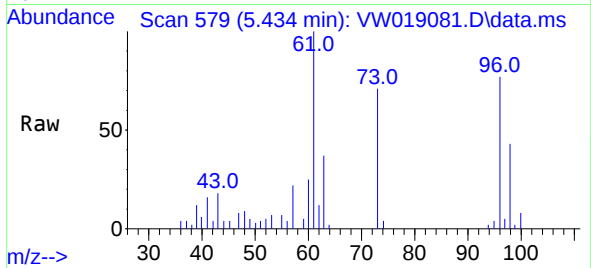
#20
Methylene Chloride
Concen: 10.75 ug/l
RT: 4.916 min Scan# 494
Delta R.T. 0.001 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 84 Resp: 50469
Ion Ratio Lower Upper
84 100
49 109.8 90.4 135.6
51 35.3 27.1 40.7
86 58.4 47.6 71.4

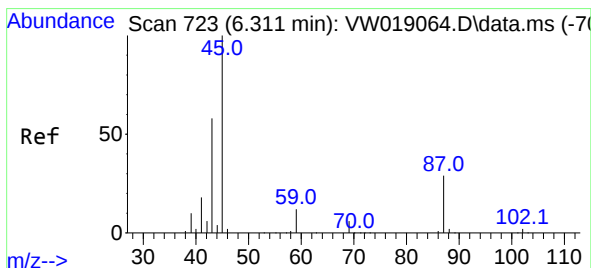
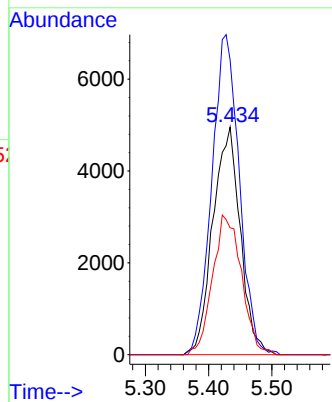
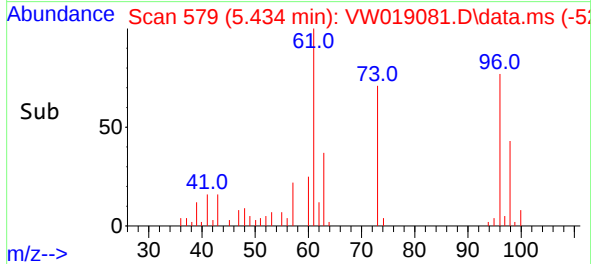




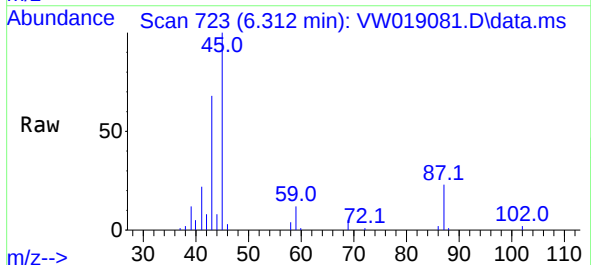
#21
trans-1,2-Dichloroethene
Concen: 3.58 ug/l
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



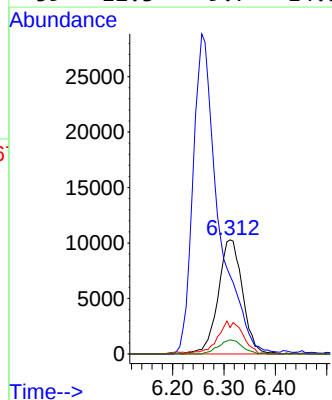
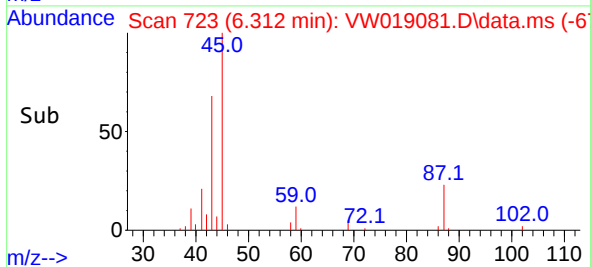
Tgt Ion: 96 Resp: 14896
Ion Ratio Lower Upper
96 100
61 129.4 108.5 162.7
98 55.8 49.4 74.0



#22
Diisopropyl ether
Concen: 3.50 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



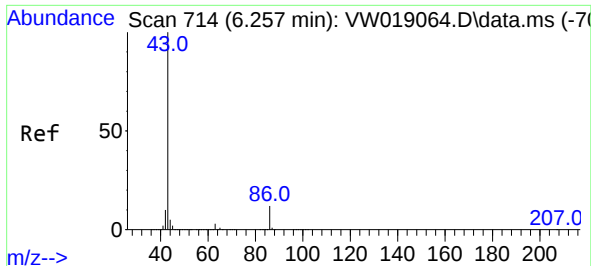
Tgt Ion: 45 Resp: 33838
Ion Ratio Lower Upper
45 100
43 66.9 46.1 69.1
87 23.2 23.4 35.2#
59 12.3 9.7 14.5



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
APPROVED

MMDadoda
5/27/2021 10:29:35 AM



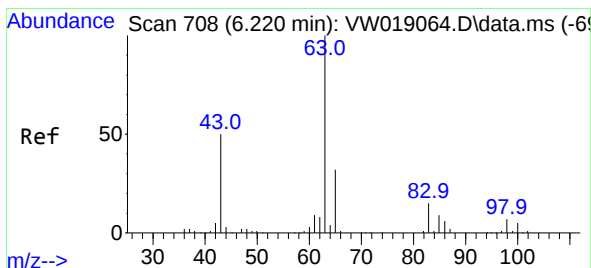
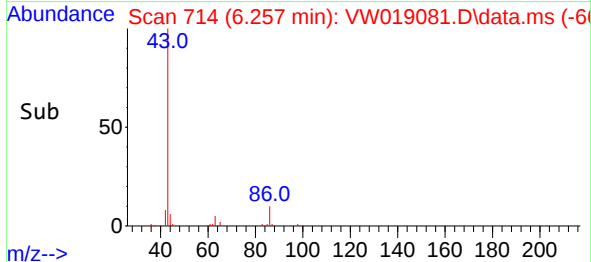
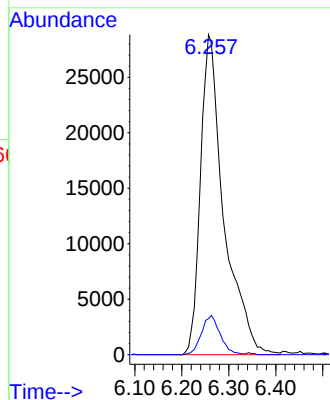
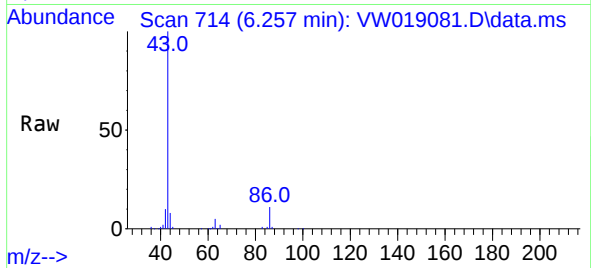
#23
 Vinyl Acetate
 Concen: 15.63 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW019081.D
 Acq: 25 May 2021 17:06

Tgt Ion: 43 Resp: 99588
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.6 14.4

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

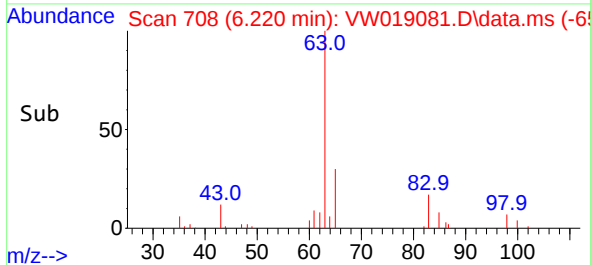
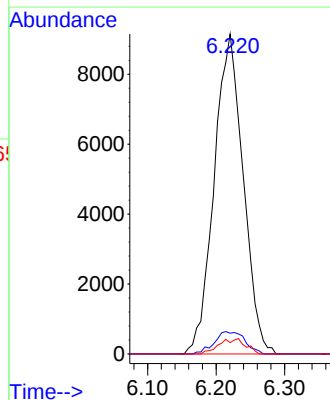
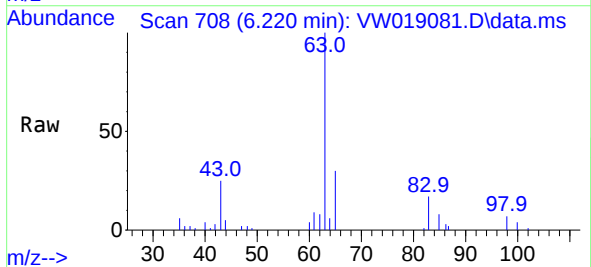
Manual Integrations
 APPROVED

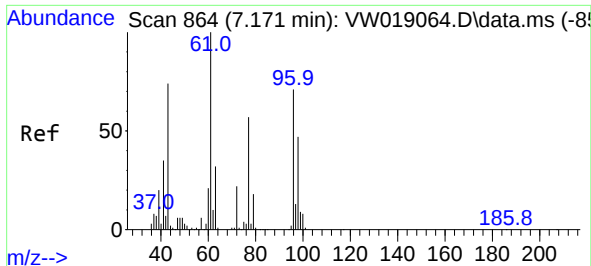
MMDadoda
 5/27/2021 10:29:35 AM



#24
 1,1-Dichloroethane
 Concen: 3.59 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. 0.000 min
 Lab File: VW019081.D
 Acq: 25 May 2021 17:06

Tgt Ion: 63 Resp: 26904
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.9
 100 3.6 2.3 6.8





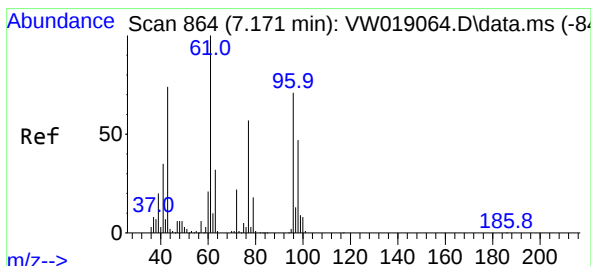
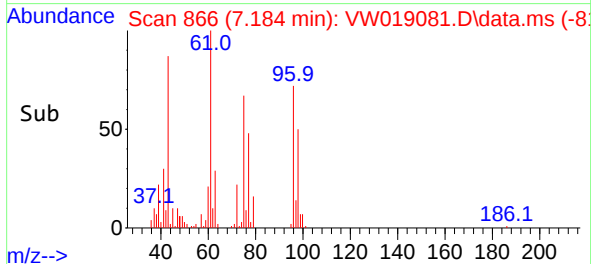
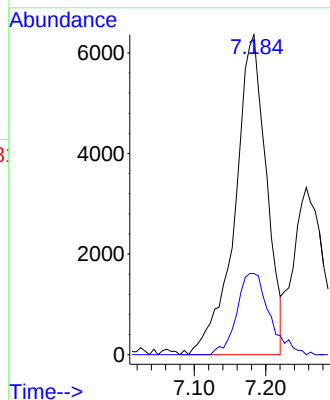
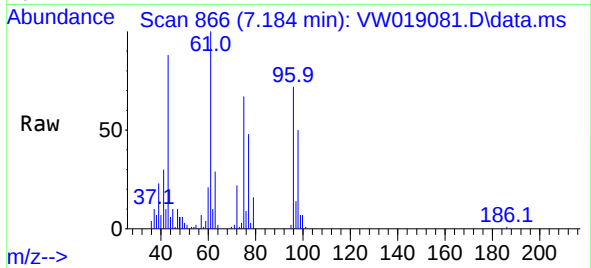
#25
2-Butanone
Concen: 20.28 ug/l
RT: 7.184 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 43 Resp: 19375
Ion Ratio Lower Upper
43 100
72 25.4 24.0 36.0

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

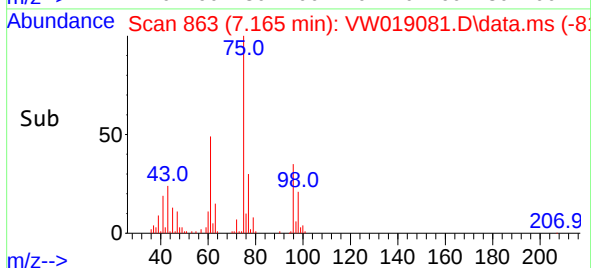
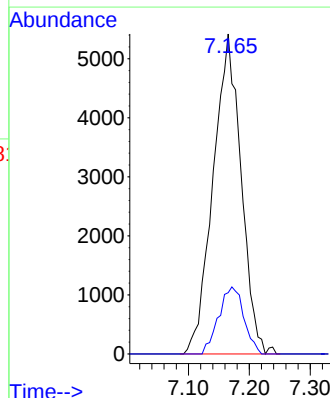
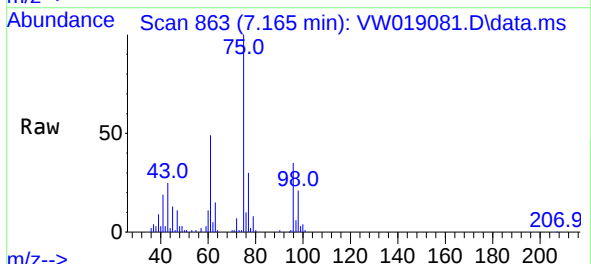
Manual Integrations
APPROVED

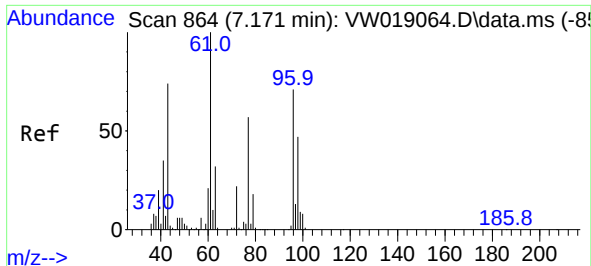
MMDadoda
5/27/2021 10:29:35 AM



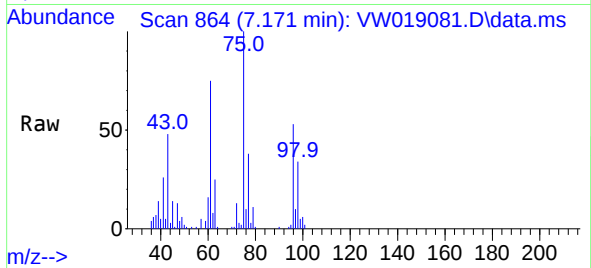
#26
2,2-Dichloropropane
Concen: 4.04 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 77 Resp: 17278
Ion Ratio Lower Upper
77 100
97 18.8 11.8 35.3



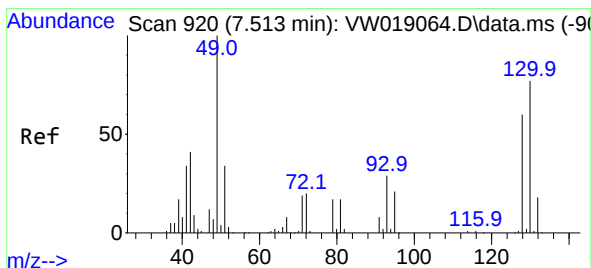
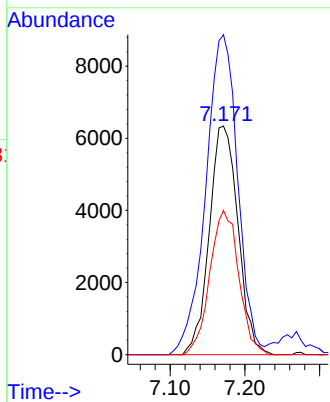
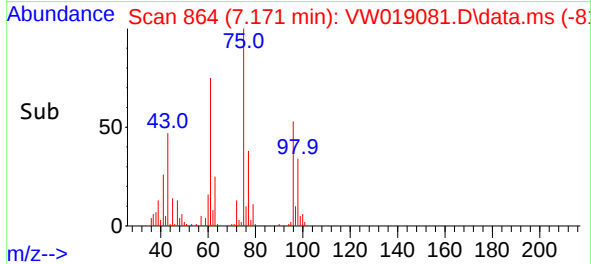


#27
cis-1,2-Dichloroethene
Concen: 3.71 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

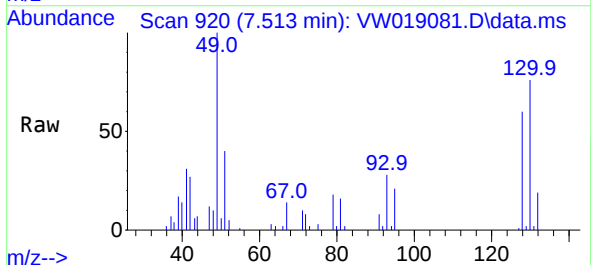


Tgt Ion: 96 Resp: 16969

Ion	Ratio	Lower	Upper
96	100		
61	155.3	0.0	281.2
98	63.7	0.0	127.4

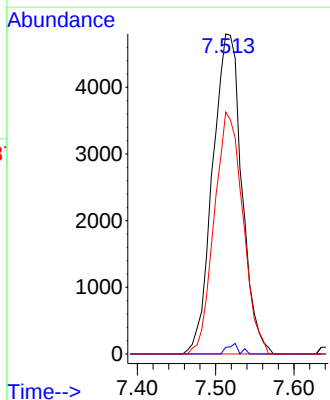
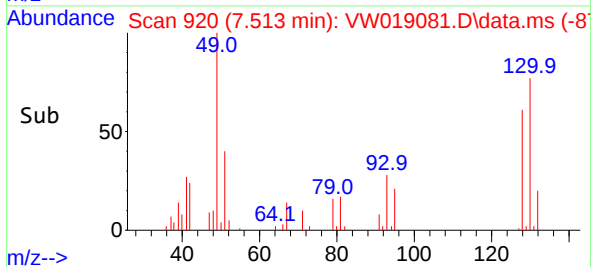


#28
Bromochloromethane
Concen: 4.19 ug/l
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



Tgt Ion: 49 Resp: 12427

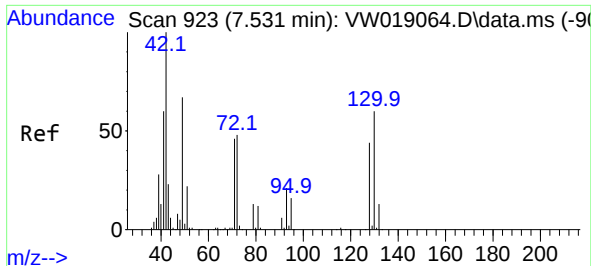
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.4
130	74.1	63.0	94.4



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
APPROVED

MMDadoda
5/27/2021 10:29:35 AM



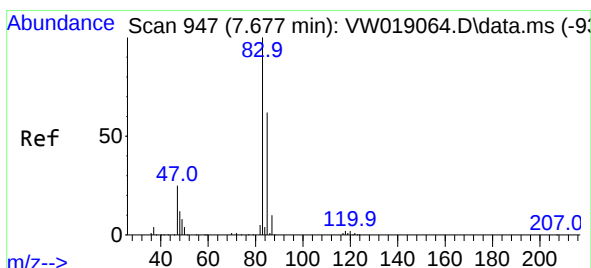
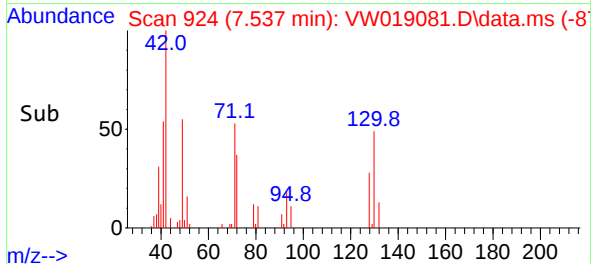
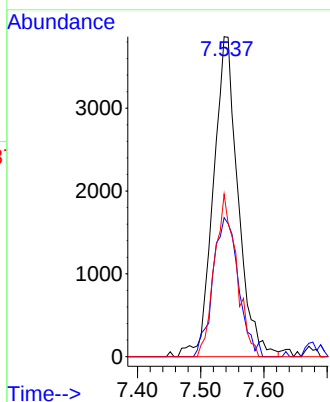
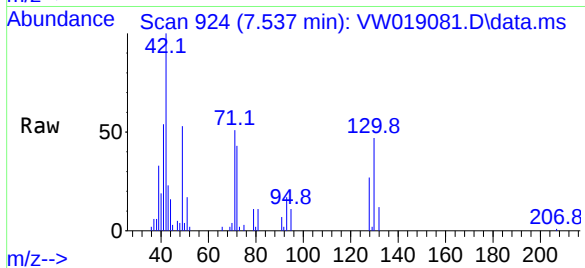
#29
Tetrahydrofuran
Concen: 19.36 ug/l
RT: 7.537 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion:	42	Resp:	10476
Ion Ratio	Lower	Upper	
42	100		
72	45.1	40.1	60.1
71	45.1	38.3	57.5

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

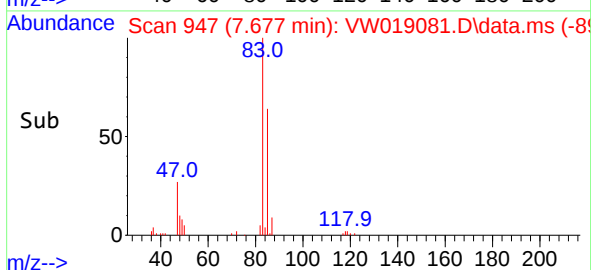
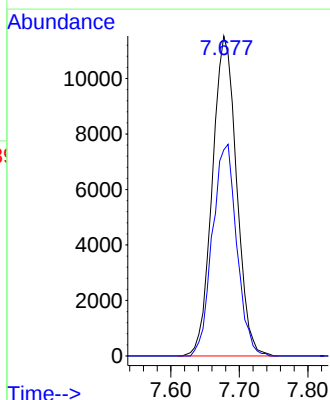
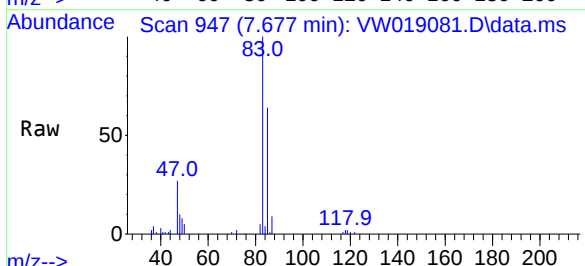
Manual Integrations
APPROVED

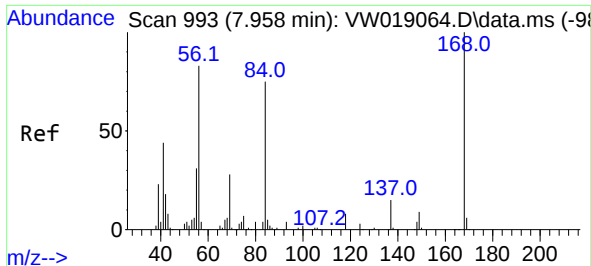
MMDadoda
5/27/2021 10:29:35 AM



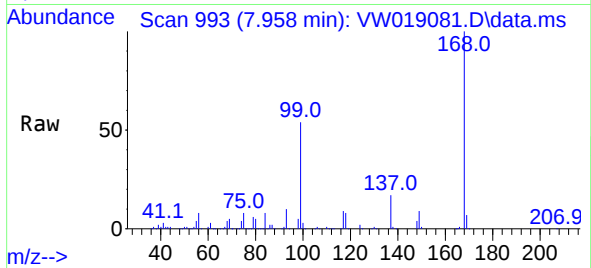
#30
Chloroform
Concen: 3.74 ug/l
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion:	83	Resp:	28245
Ion Ratio	Lower	Upper	
83	100		
85	64.4	53.4	80.0

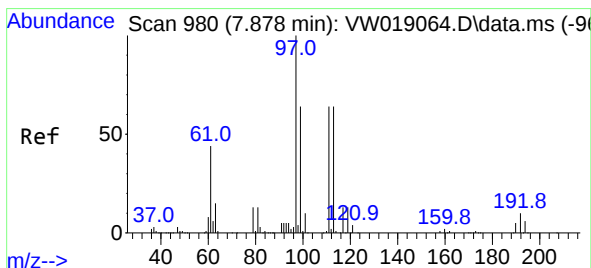
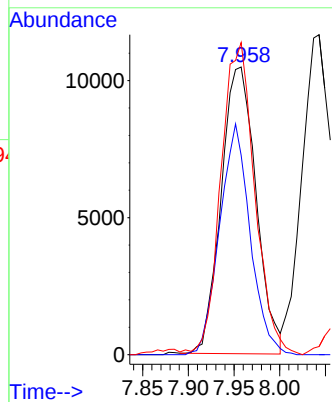
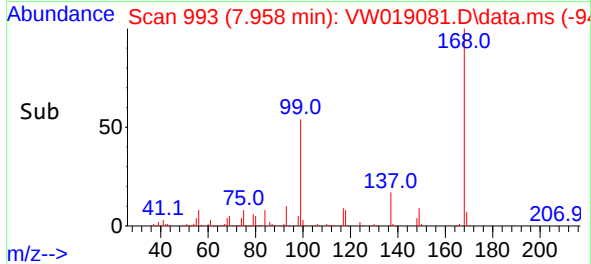




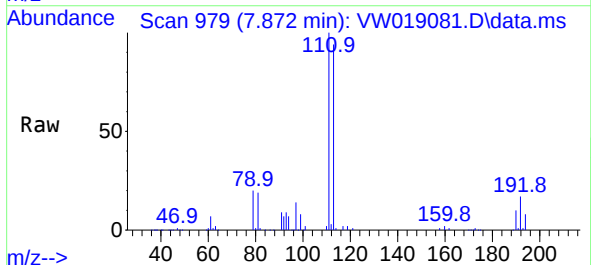
#31
Cyclohexane
Concen: 4.36 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



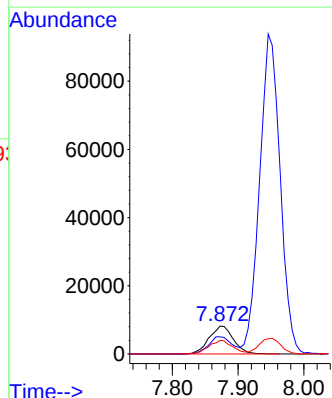
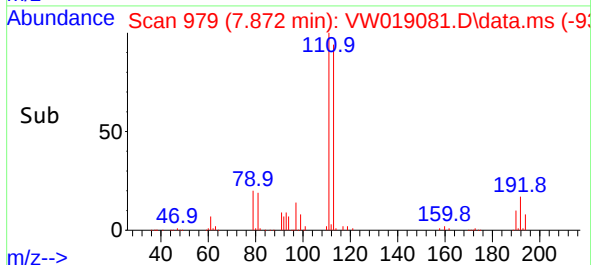
Tgt Ion: 56 Resp: 27785
Ion Ratio Lower Upper
56 100
69 69.6 28.4 42.6#
84 108.0 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 3.61 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



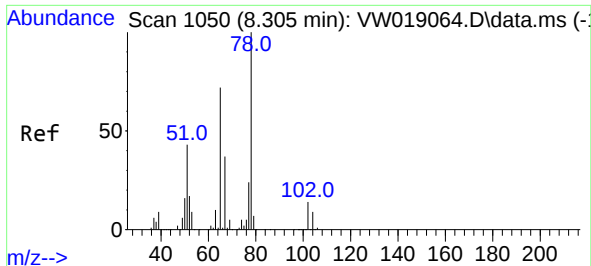
Tgt Ion: 97 Resp: 20945
Ion Ratio Lower Upper
97 100
99 60.7 52.2 78.4
61 48.0 36.7 55.1



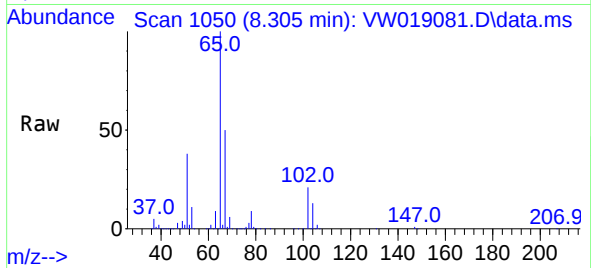
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
APPROVED

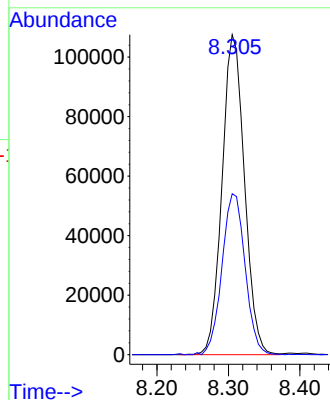
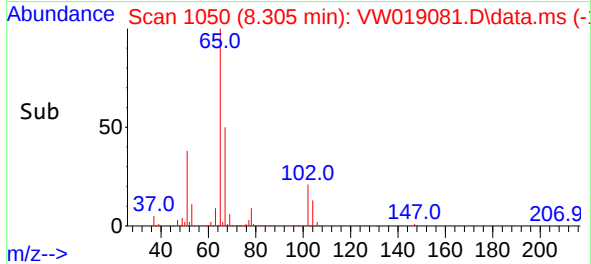
MMDadoda
5/27/2021 10:29:35 AM



#33
1,2-Dichloroethane-d4
Concen: 55.64 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



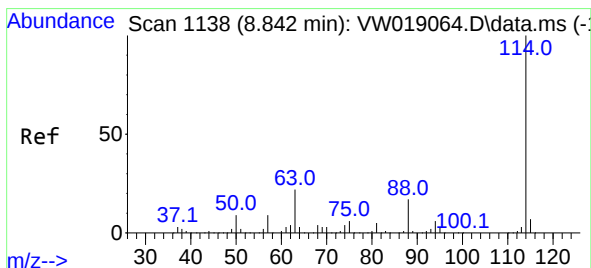
Tgt Ion: 65 Resp: 233926
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0



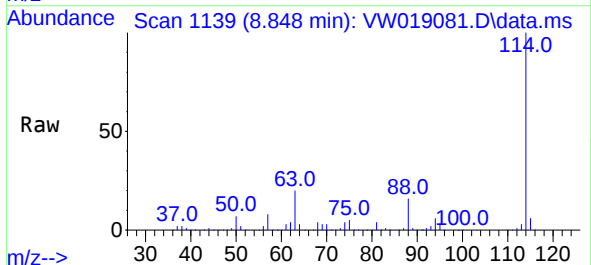
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
APPROVED

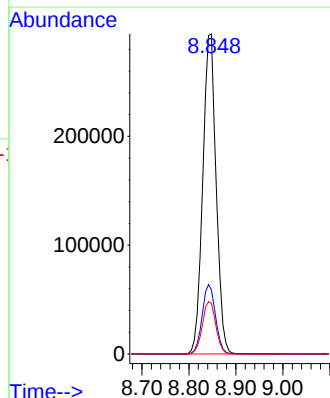
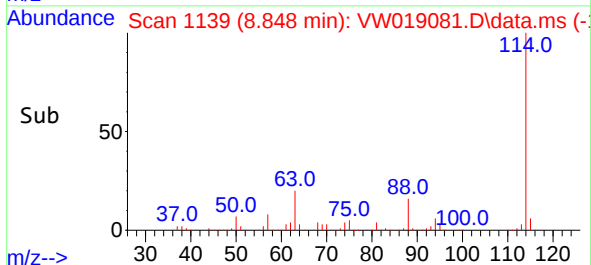
MMDadoda
5/27/2021 10:29:35 AM

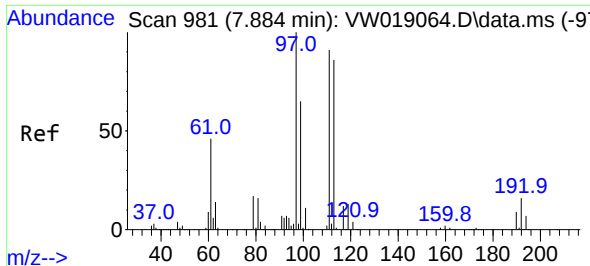


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

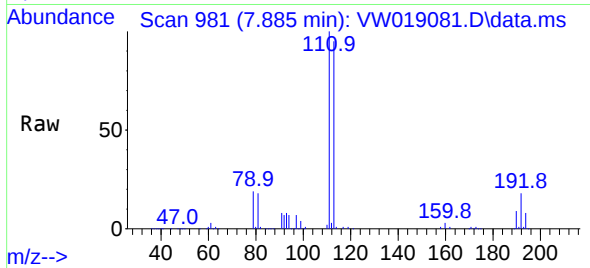


Tgt Ion: 114 Resp: 579908
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.4
88 15.9 0.0 33.2

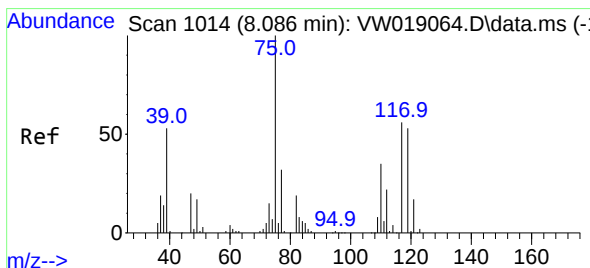
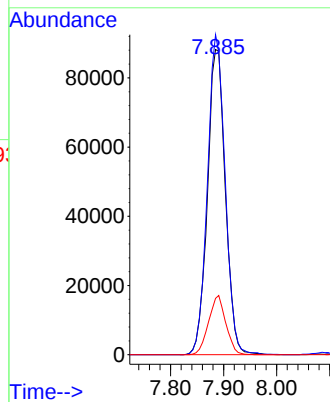
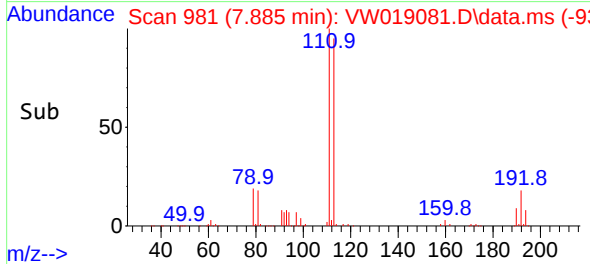




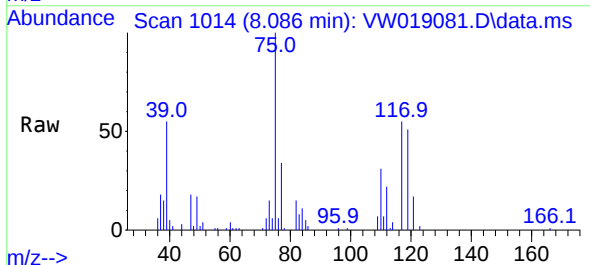
#35
Dibromofluoromethane
Concen: 52.53 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



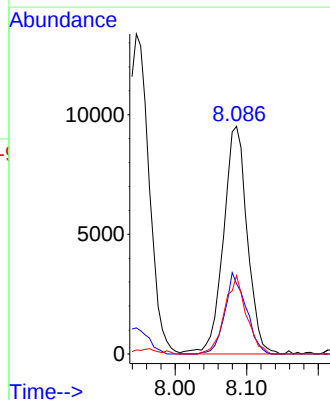
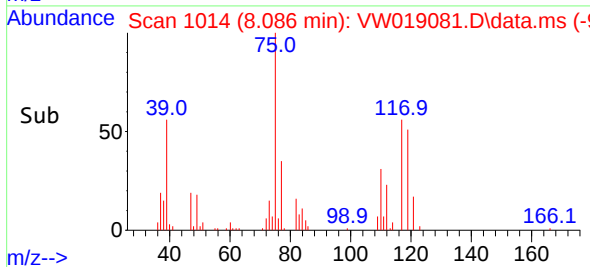
Tgt Ion: 113 Resp: 207283
Ion Ratio Lower Upper
113 100
111 103.5 82.3 123.5
192 18.7 15.3 22.9



#36
1,1-Dichloropropene
Concen: 3.40 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



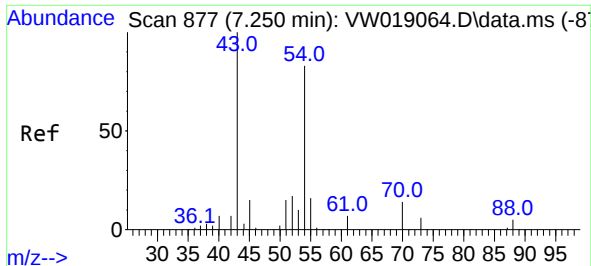
Tgt Ion: 75 Resp: 21986
Ion Ratio Lower Upper
75 100
110 31.9 17.1 51.2
77 31.2 25.3 37.9



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
APPROVED

MMDadoda
5/27/2021 10:29:35 AM



#37

Ethyl Acetate

Concen: 3.90 ug/l

RT: 7.257 min Scan# 878

Delta R.T. 0.006 min

Lab File: VW019081.D

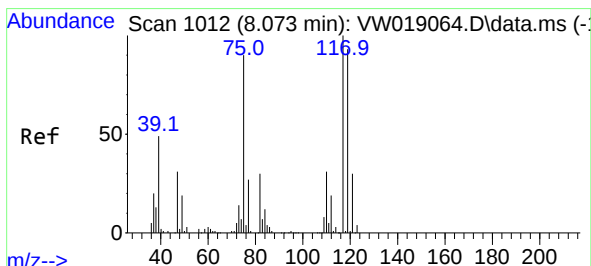
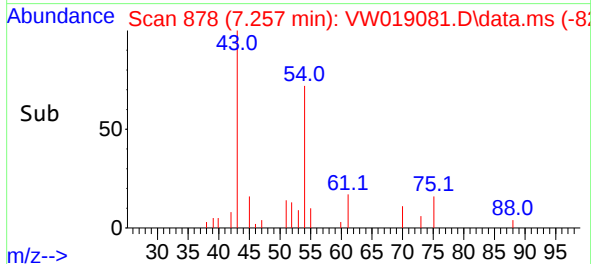
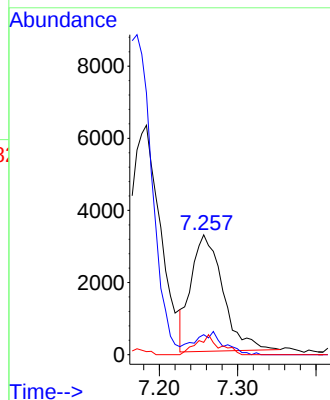
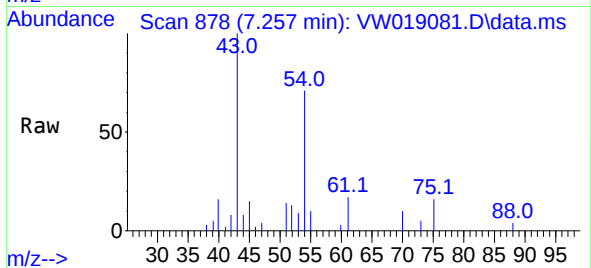
Acq: 25 May 2021 17:06

Tgt Ion:	43	Resp:	9121
Ion	Ratio	Lower	Upper
43	100		
61	18.3	12.2	18.4
70	12.2	9.5	14.3

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
APPROVED

MMDadoda
5/27/2021 10:29:35 AM



#38

Carbon Tetrachloride

Concen: 3.22 ug/l

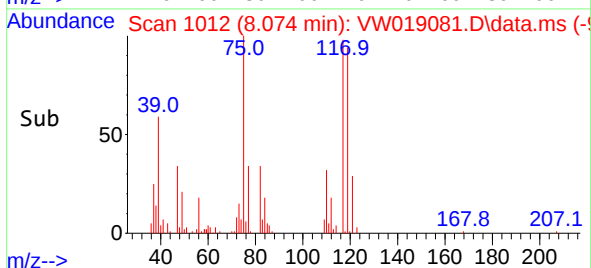
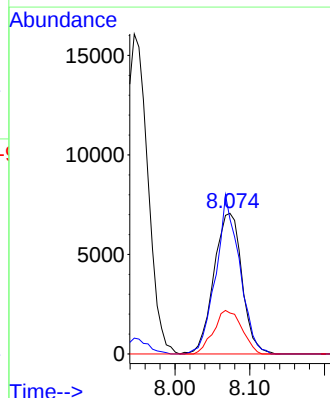
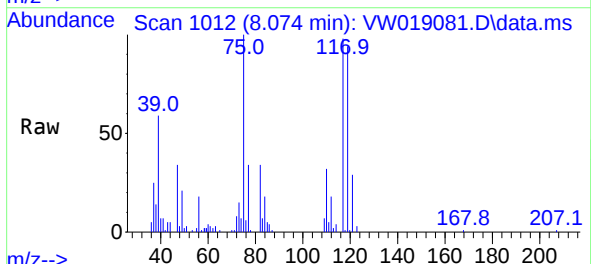
RT: 8.074 min Scan# 1012

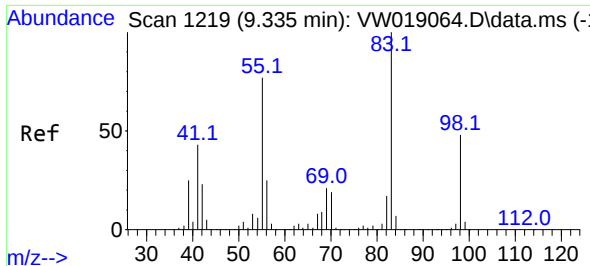
Delta R.T. 0.000 min

Lab File: VW019081.D

Acq: 25 May 2021 17:06

Tgt Ion:	117	Resp:	18503
Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.4	116.0
121	29.2	23.6	35.4





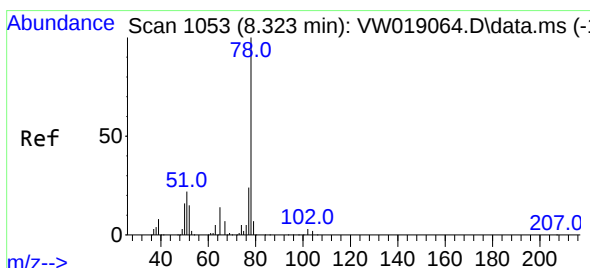
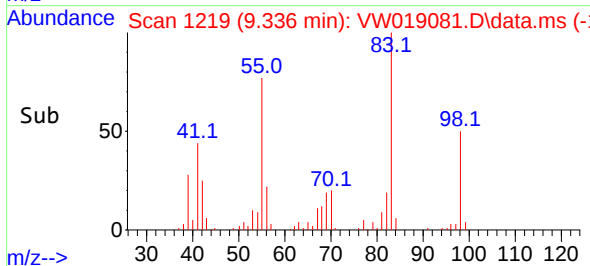
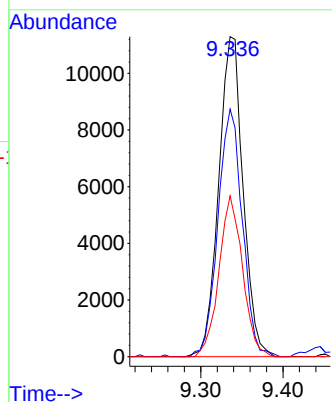
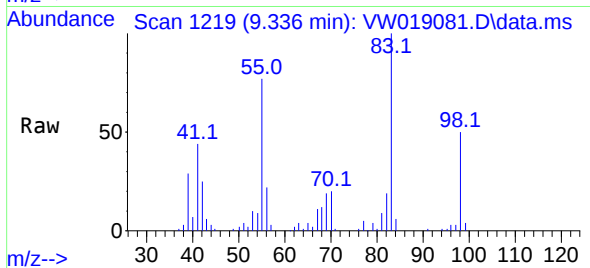
#39
Methylcyclohexane
Concen: 3.23 ug/l
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 83 Resp: 23220
Ion Ratio Lower Upper
83 100
55 77.3 60.9 91.3
98 50.2 38.4 57.6

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

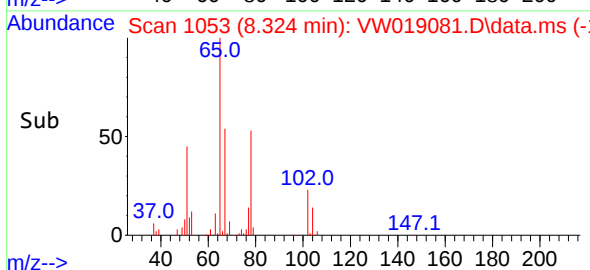
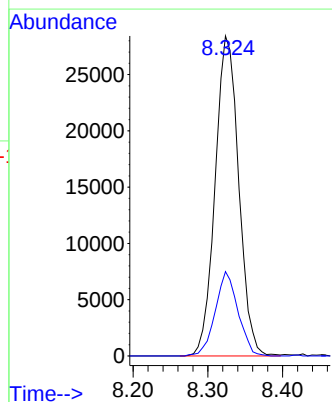
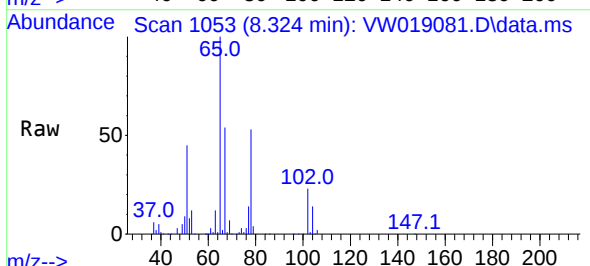
Manual Integrations
APPROVED

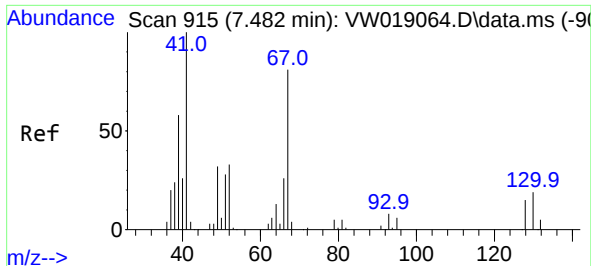
MMDadoda
5/27/2021 10:29:35 AM



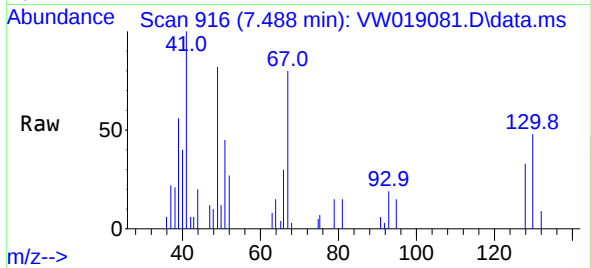
#40
Benzene
Concen: 3.54 ug/l
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 78 Resp: 62363
Ion Ratio Lower Upper
78 100
77 26.4 19.6 29.4

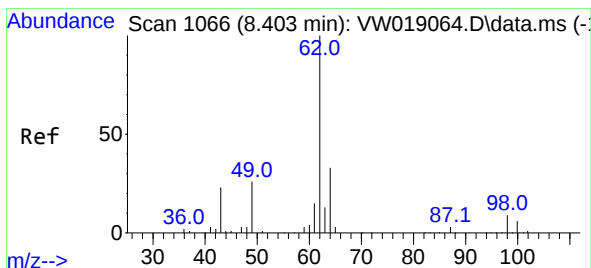
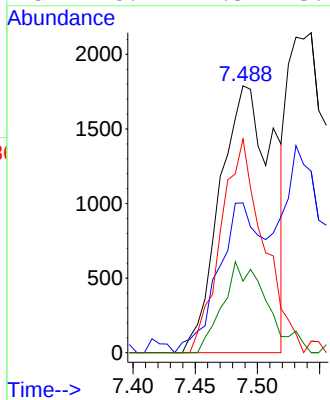
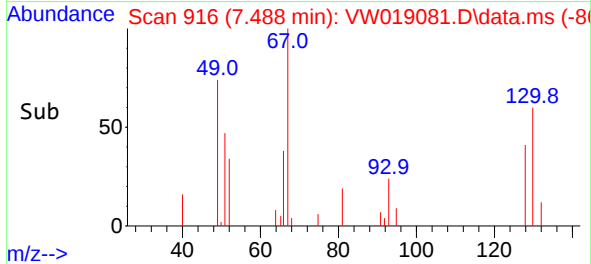




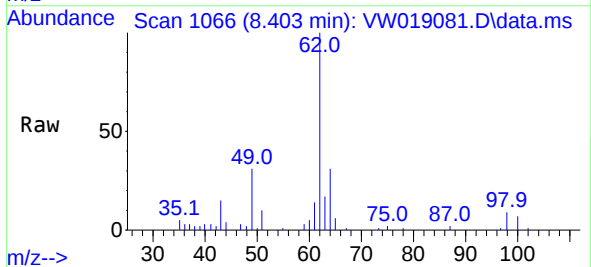
#41
Methacrylonitrile
Concen: 3.90 ug/l m
RT: 7.488 min Scan# 916
Delta R.T. 0.006 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



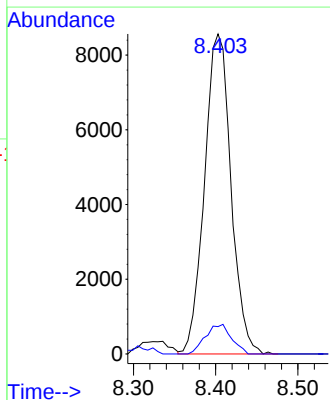
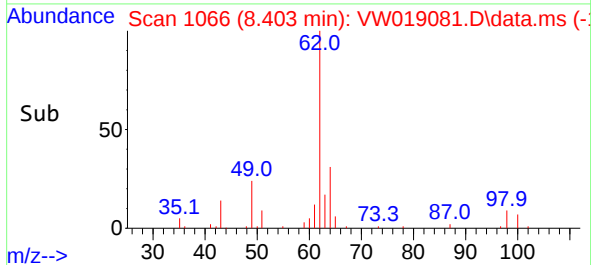
Tgt Ion:	41	Resp:	5334
Ion	Ratio	Lower	Upper
41	100		
39	45.5	50.1	75.1#
67	64.1	69.0	103.4#
52	28.2	29.3	43.9#



#42
1,2-Dichloroethane
Concen: 3.68 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



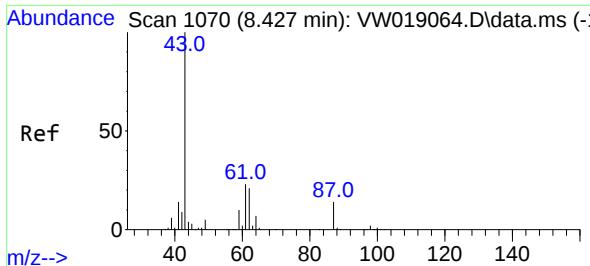
Tgt Ion:	62	Resp:	19155
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.0



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
APPROVED

MMDadoda
5/27/2021 10:29:35 AM



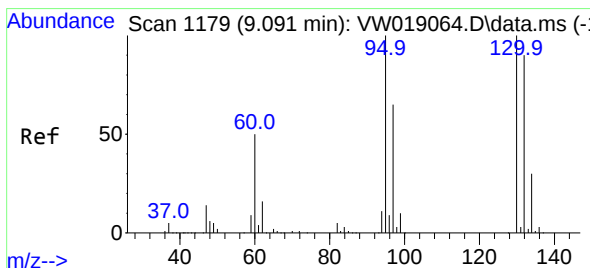
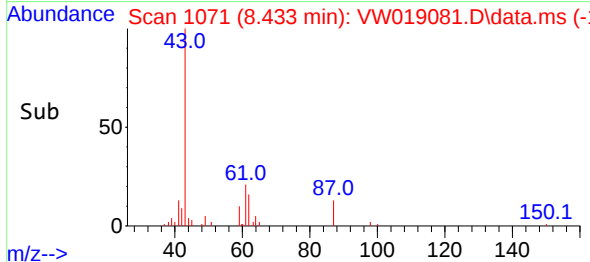
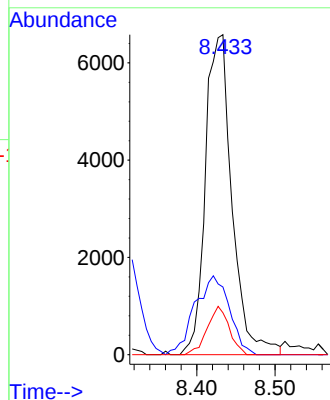
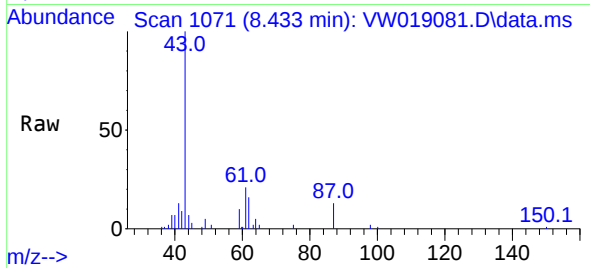
#43
Isopropyl Acetate
Concen: 3.44 ug/l
RT: 8.433 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 43 Resp: 15520
Ion Ratio Lower Upper
43 100
61 32.1 27.0 40.6
87 12.5 11.6 17.4

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

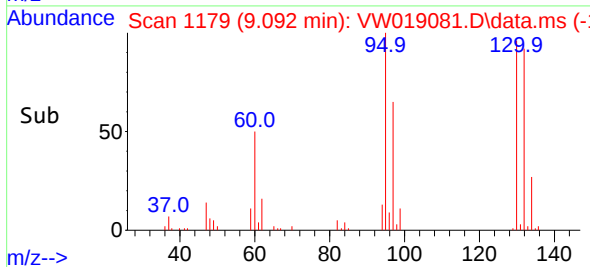
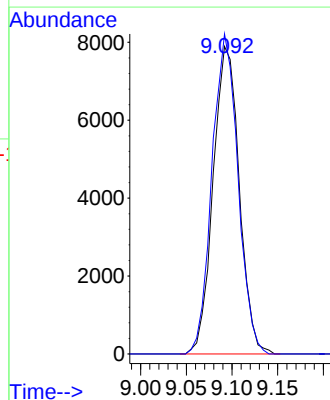
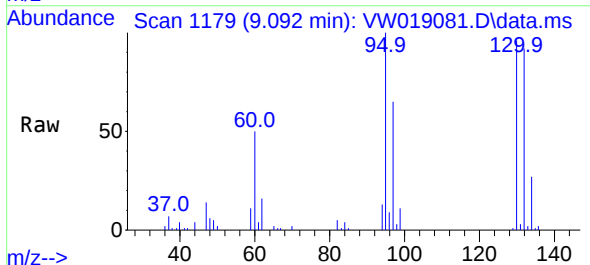
Manual Integrations
APPROVED

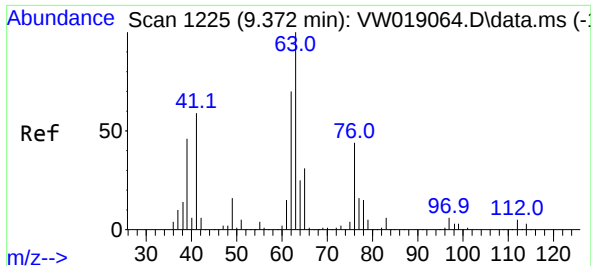
MMDadoda
5/27/2021 10:29:35 AM



#44
Trichloroethene
Concen: 3.39 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion:130 Resp: 15697
Ion Ratio Lower Upper
130 100
95 104.0 0.0 199.0





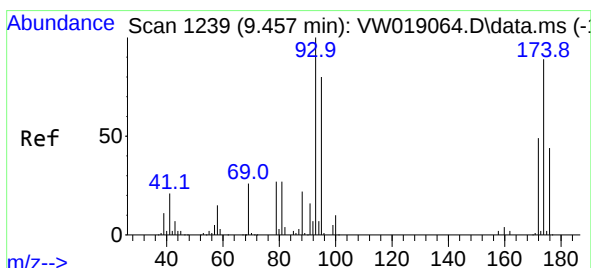
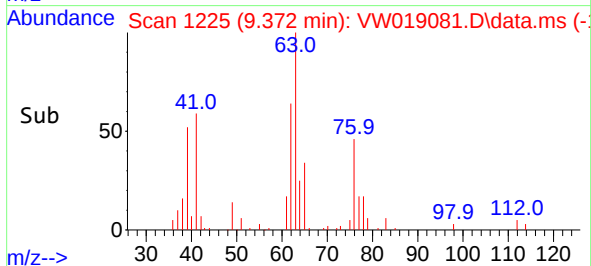
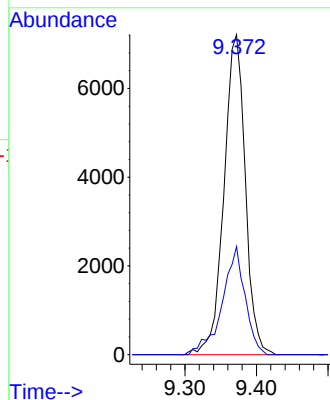
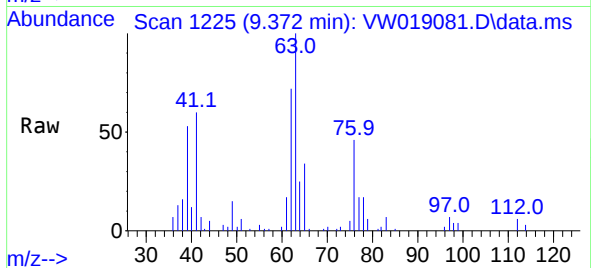
#45
1,2-Dichloropropane
Concen: 3.49 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 63 Resp: 14944
Ion Ratio Lower Upper
63 100
65 33.8 24.1 36.1

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

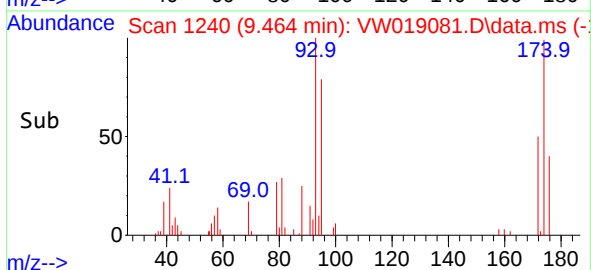
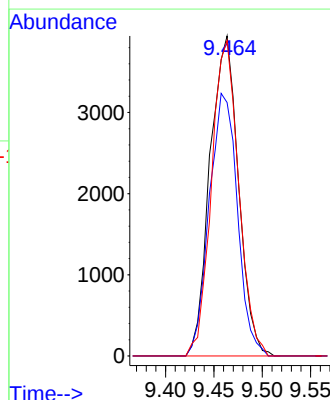
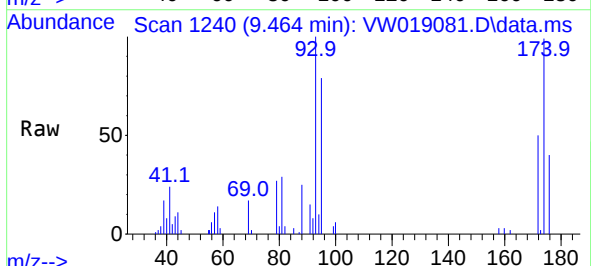
Manual Integrations
APPROVED

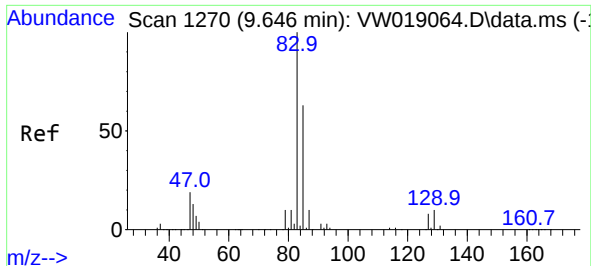
MMDadoda
5/27/2021 10:29:35 AM



#46
Dibromomethane
Concen: 3.61 ug/l
RT: 9.464 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 93 Resp: 8048
Ion Ratio Lower Upper
93 100
95 81.3 66.7 100.1
174 94.3 75.3 112.9





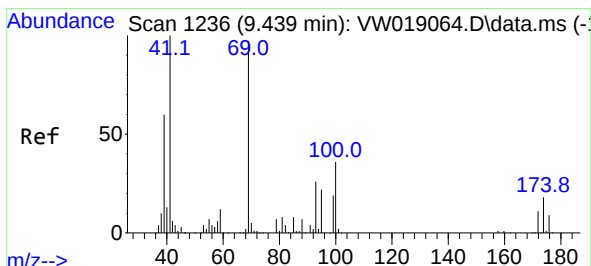
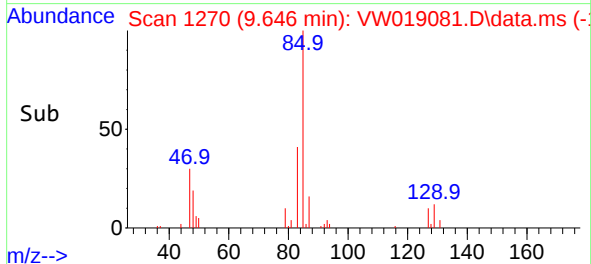
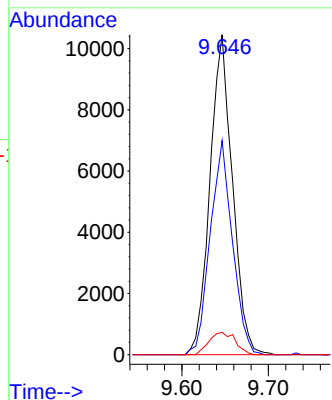
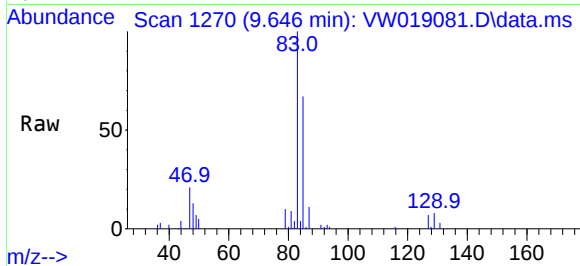
#47
Bromodichloromethane
Concen: 3.28 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion:	83	Resp:	18810
Ion	Ratio	Lower	Upper
83	100		
85	66.9	53.4	80.2
127	7.0	7.0	10.6#

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

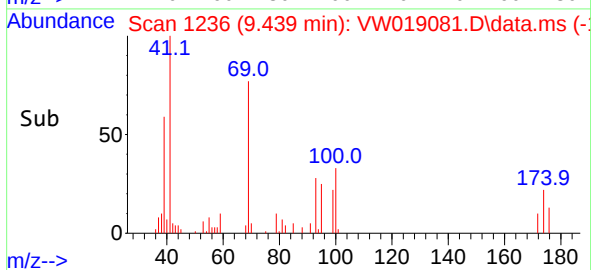
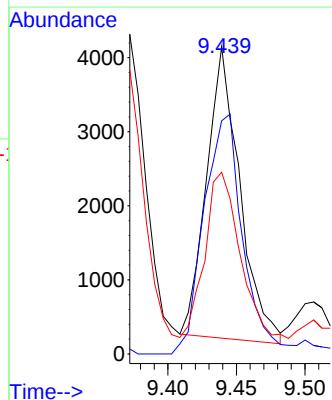
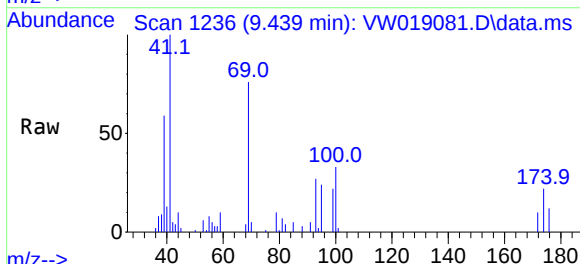
Manual Integrations
APPROVED

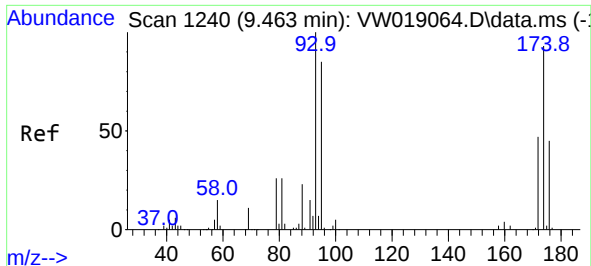
MMDadoda
5/27/2021 10:29:35 AM



#48
Methyl methacrylate
Concen: 3.15 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

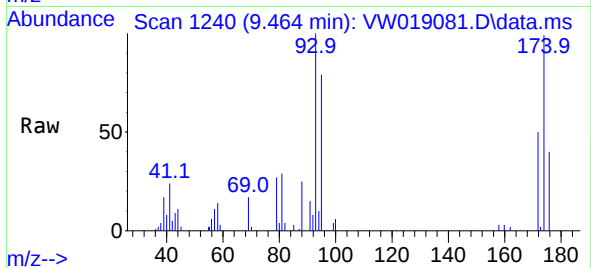
Tgt Ion:	41	Resp:	6639
Ion	Ratio	Lower	Upper
41	100		
69	96.1	80.2	120.2
39	74.5	51.5	77.3





#49
1,4-Dioxane
Concen: 74.58 ug/l
RT: 9.464 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

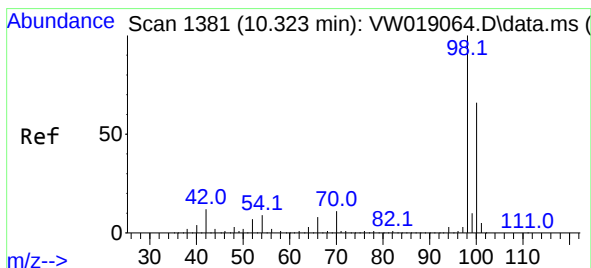
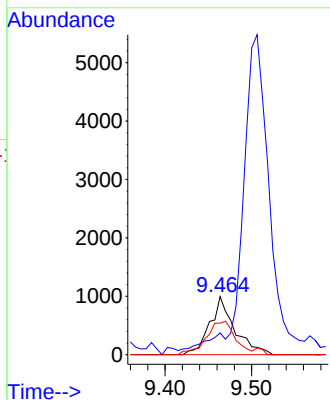
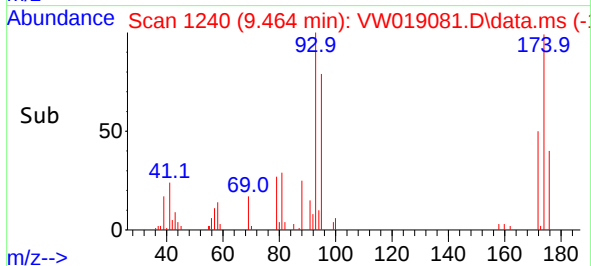
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021



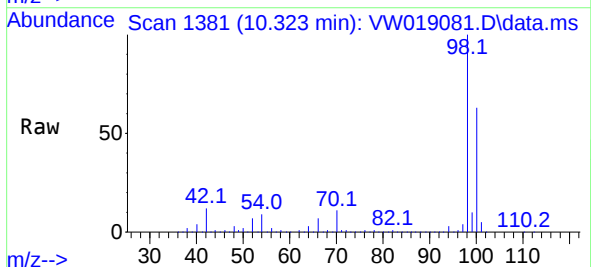
Tgt Ion: 88 Resp: 1996
Ion Ratio Lower Upper
88 100
43 0.0 22.1 33.1#
58 69.9 55.4 83.2

Manual Integrations
APPROVED

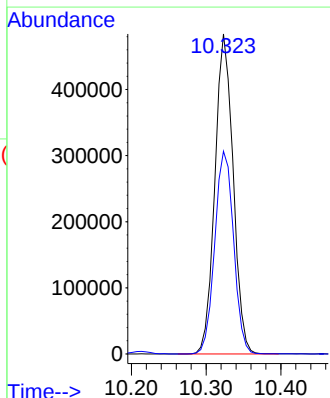
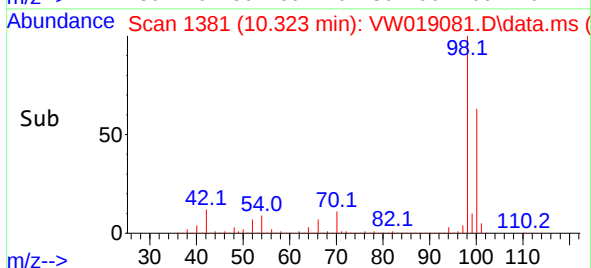
MMDadoda
5/27/2021 10:29:35 AM

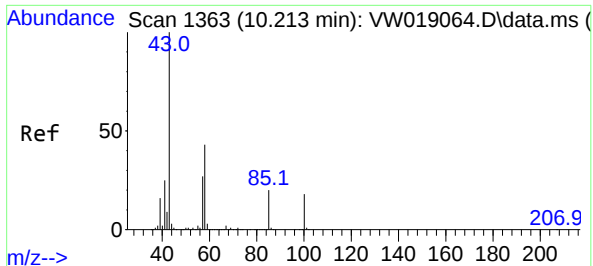


#50
Toluene-d8
Concen: 51.13 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

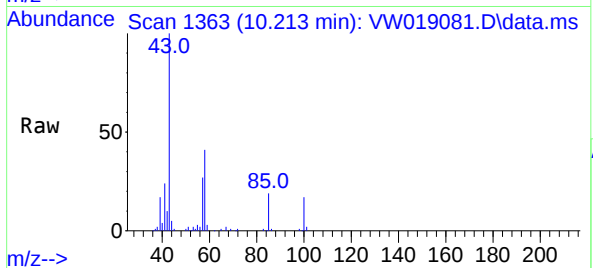


Tgt Ion: 98 Resp: 821949
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

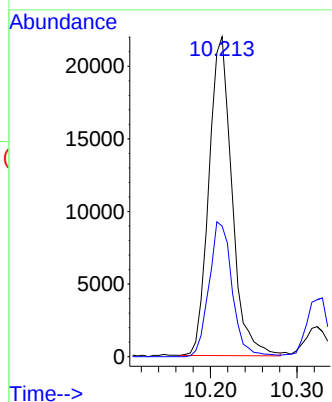
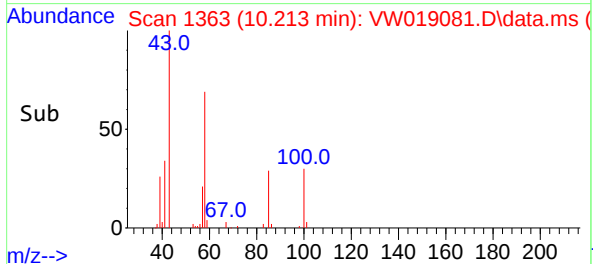




#51
4-Methyl-2-Pentanone
Concen: 17.74 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



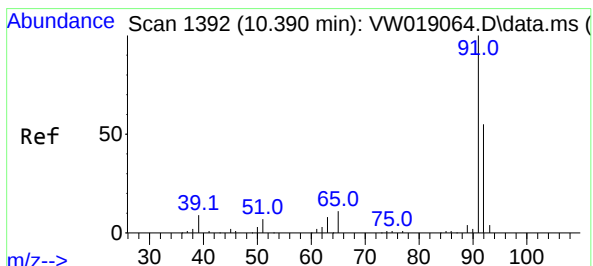
Tgt Ion: 43 Resp: 40640
Ion Ratio Lower Upper
43 100
58 42.3 34.2 51.4



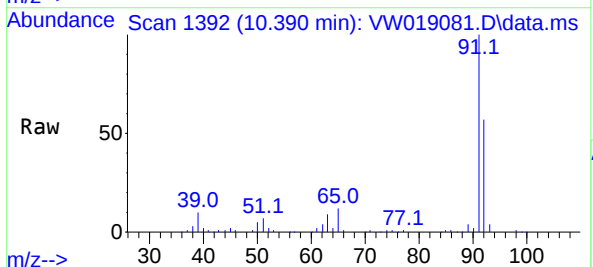
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
APPROVED

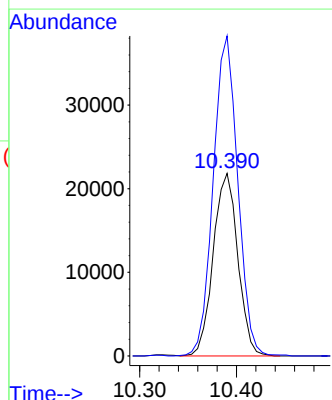
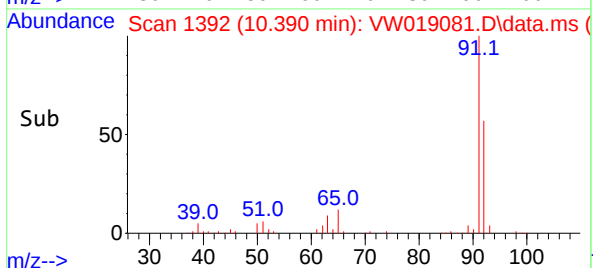
MMDadoda
5/27/2021 10:29:35 AM

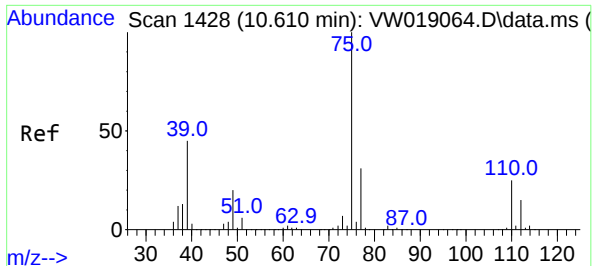


#52
Toluene
Concen: 3.43 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



Tgt Ion: 92 Resp: 38528
Ion Ratio Lower Upper
92 100
91 174.9 137.4 206.0





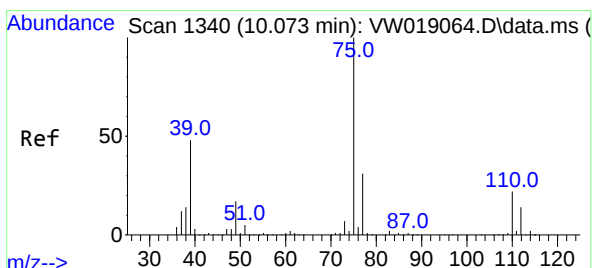
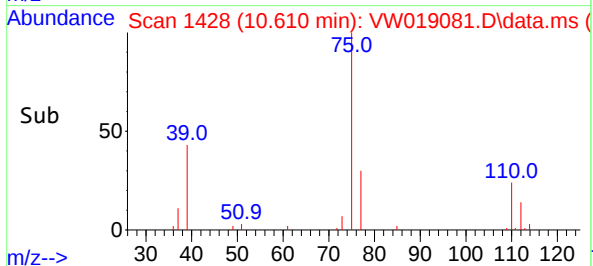
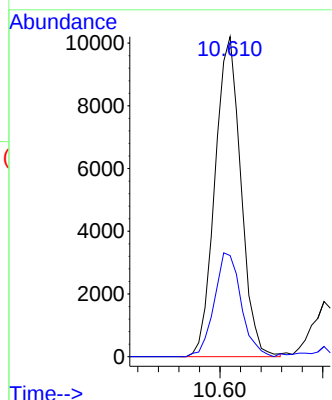
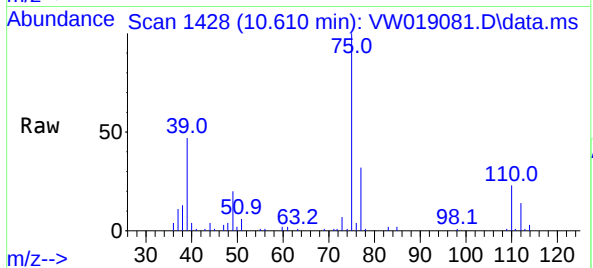
#53
t-1,3-Dichloropropene
Concen: 3.12 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 75 Resp: 17847
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

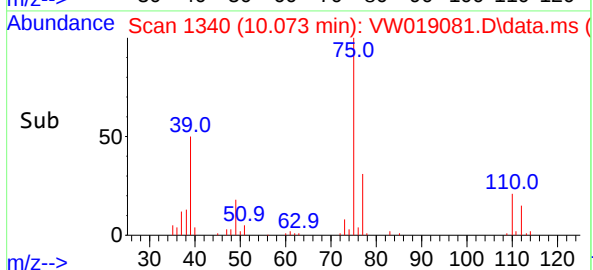
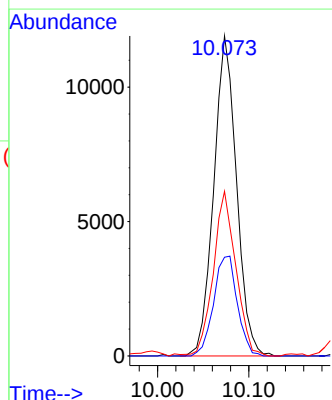
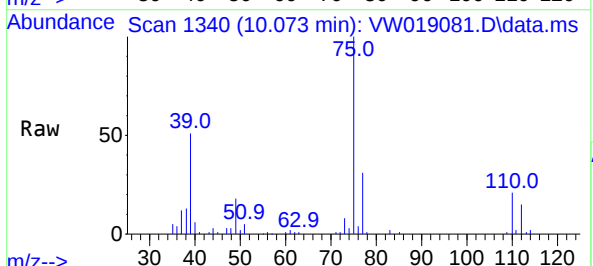
Manual Integrations
APPROVED

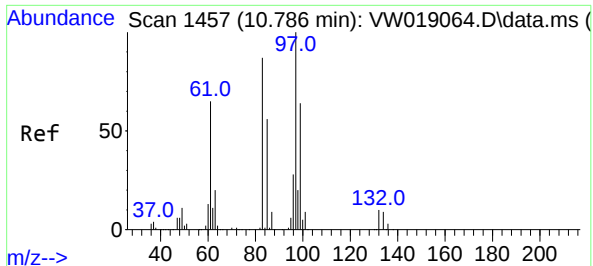
MMDadoda
5/27/2021 10:29:35 AM



#54
cis-1,3-Dichloropropene
Concen: 3.04 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 75 Resp: 20624
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.6
39 51.5 36.9 55.3





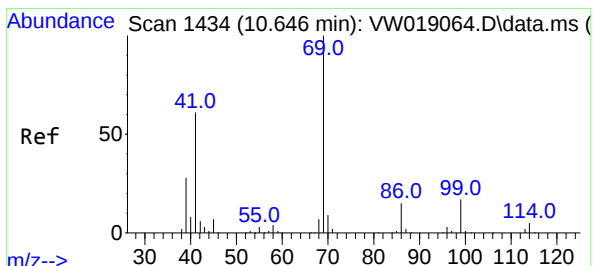
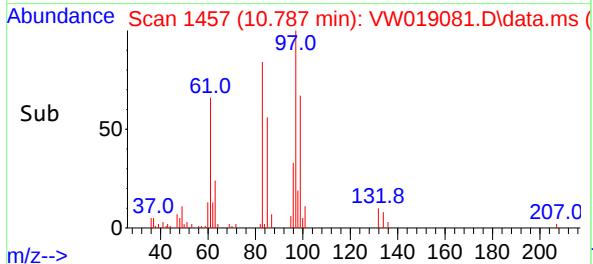
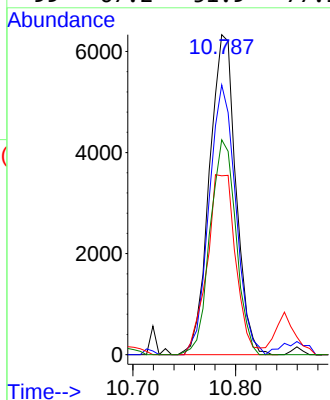
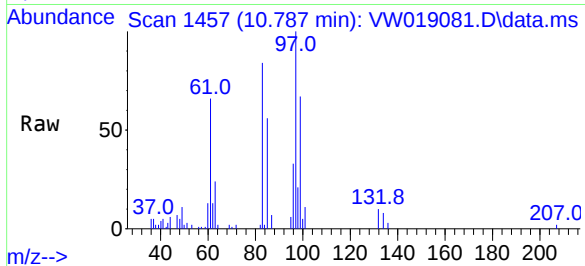
#55
1,1,2-Trichloroethane
Concen: 3.59 ug/l
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 97	Resp: 11314
Ion Ratio	Lower Upper
97 100	
83 84.3	70.6 106.0
85 55.9	45.8 68.6
99 67.2	51.9 77.9

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

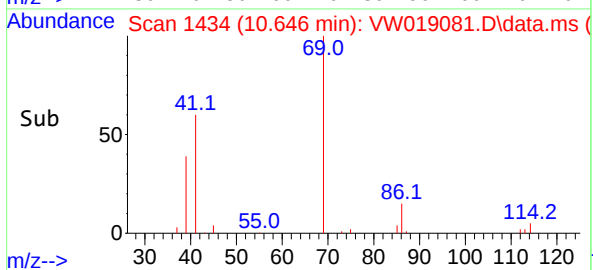
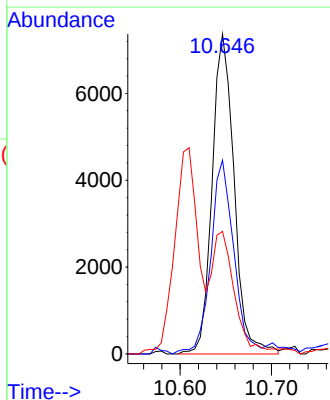
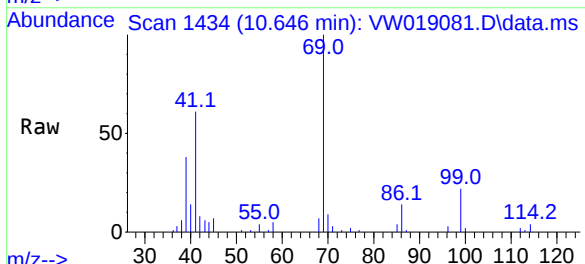
Manual Integrations
APPROVED

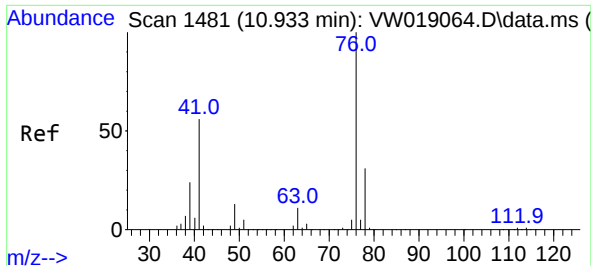
MMDadoda
5/27/2021 10:29:35 AM



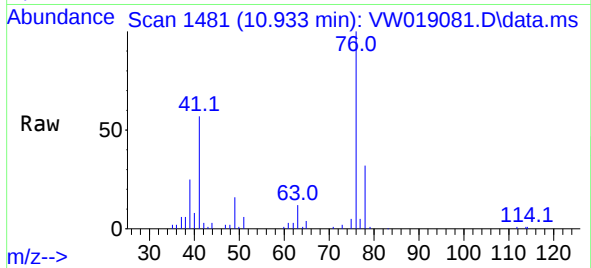
#56
Ethyl methacrylate
Concen: 3.12 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 69	Resp: 12335
Ion Ratio	Lower Upper
69 100	
41 63.3	48.7 73.1
39 39.7	29.0 43.4

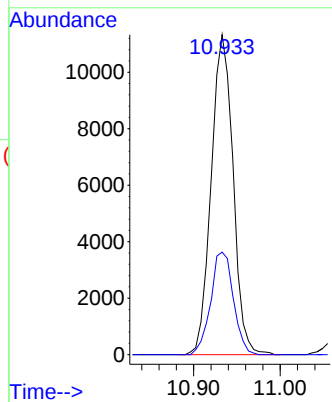
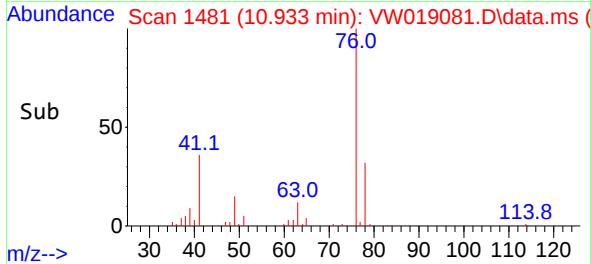




#57
1,3-Dichloropropane
Concen: 3.53 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



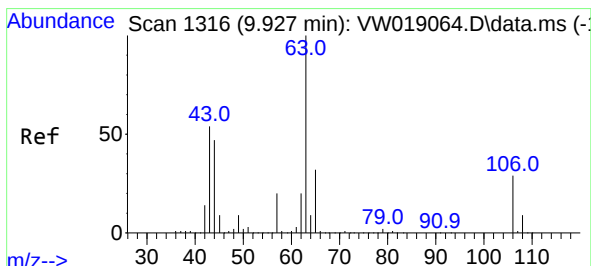
Tgt Ion: 76 Resp: 19869
Ion Ratio Lower Upper
76 100
78 33.3 25.5 38.3



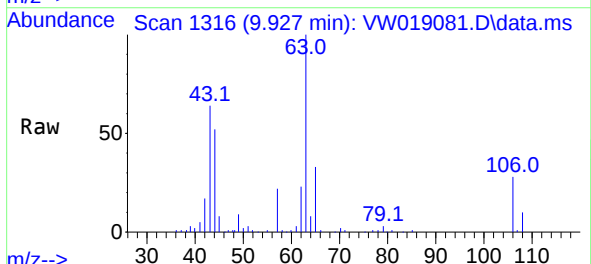
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
APPROVED

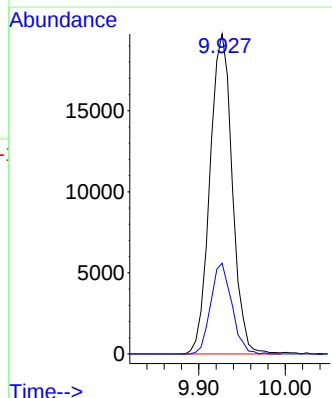
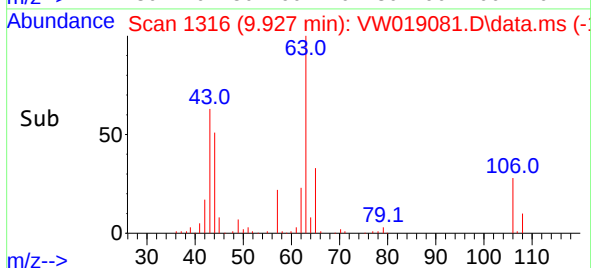
MMDadoda
5/27/2021 10:29:35 AM

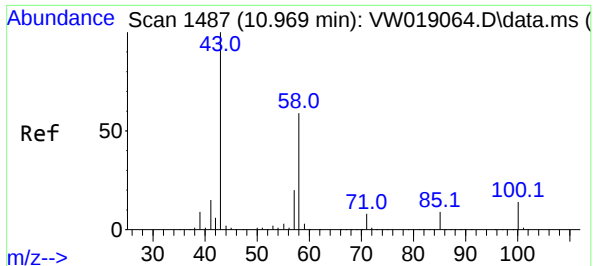


#58
2-Chloroethyl Vinyl ether
Concen: 17.72 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



Tgt Ion: 63 Resp: 35365
Ion Ratio Lower Upper
63 100
106 26.7 22.3 33.5





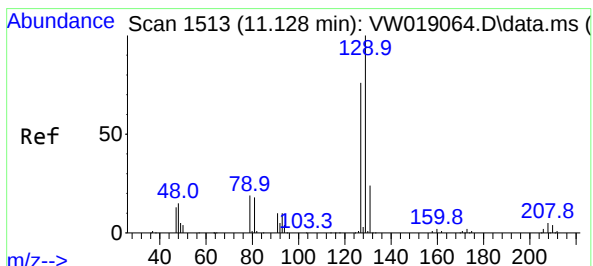
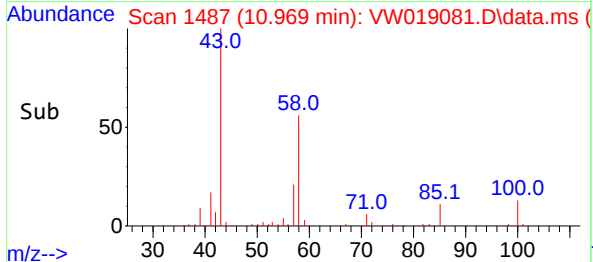
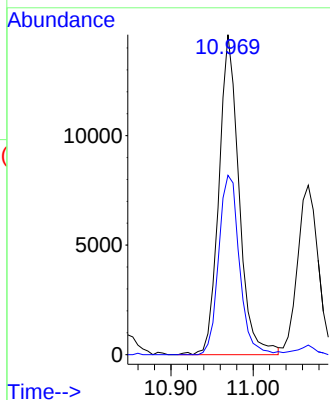
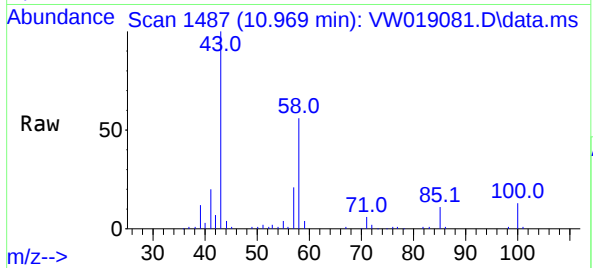
#59
2-Hexanone
Concen: 16.12 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 43 Resp: 24828
Ion Ratio Lower Upper
43 100
58 57.7 29.0 87.1

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

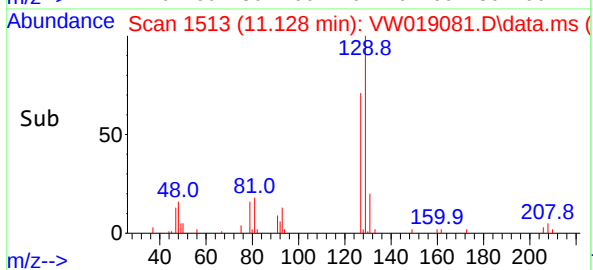
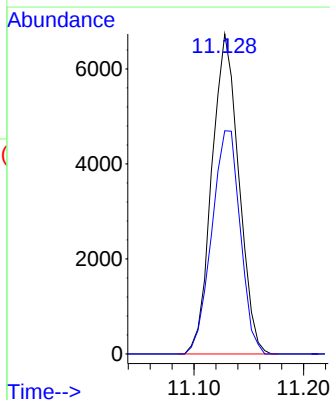
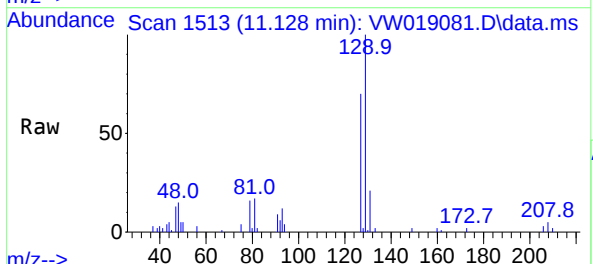
Manual Integrations
APPROVED

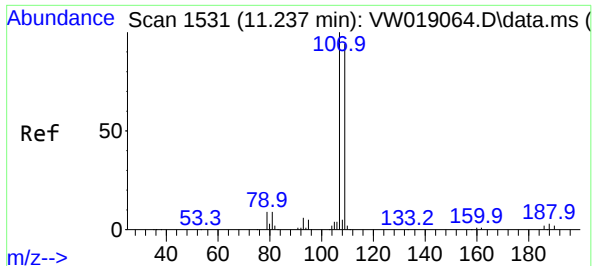
MMDadoda
5/27/2021 10:29:35 AM



#60
Dibromochloromethane
Concen: 3.27 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

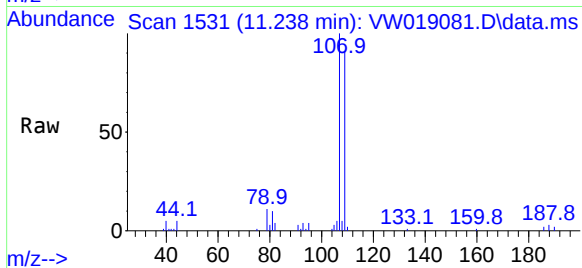
Tgt Ion: 129 Resp: 11527
Ion Ratio Lower Upper
129 100
127 73.7 38.2 114.6





#61
1,2-Dibromoethane
Concen: 3.48 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

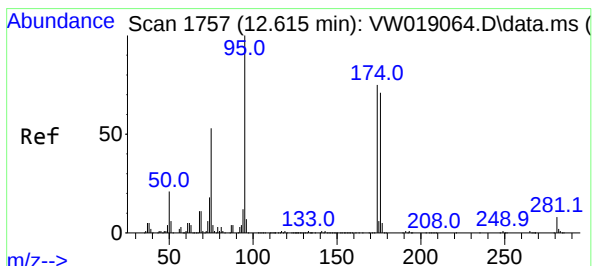
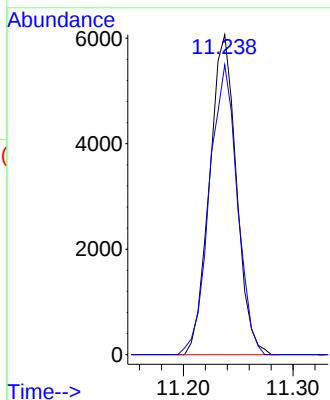
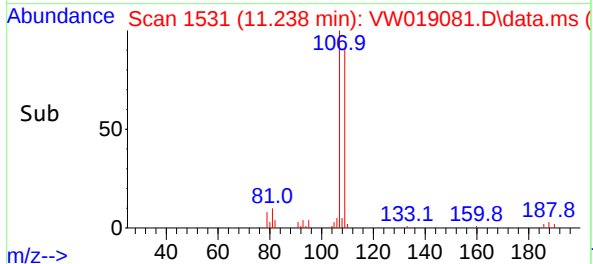
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021



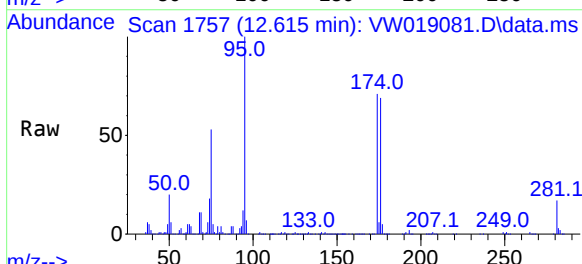
Tgt Ion:107 Resp: 10320
Ion Ratio Lower Upper
107 100
109 94.0 73.9 110.9

Manual Integrations
APPROVED

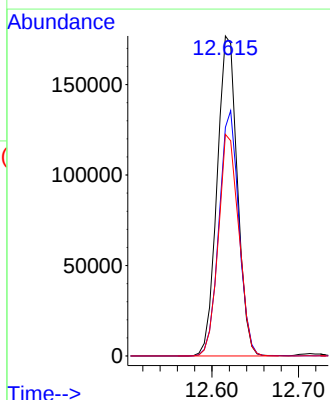
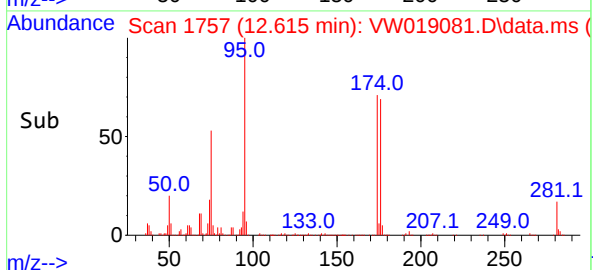
MMDadoda
5/27/2021 10:29:35 AM



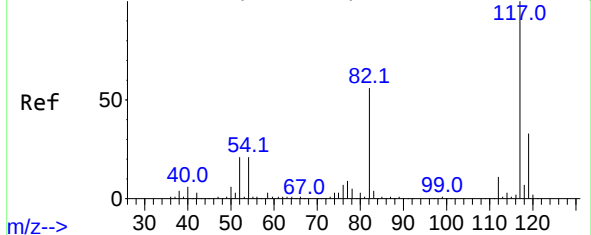
#62
4-Bromofluorobenzene
Concen: 50.70 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



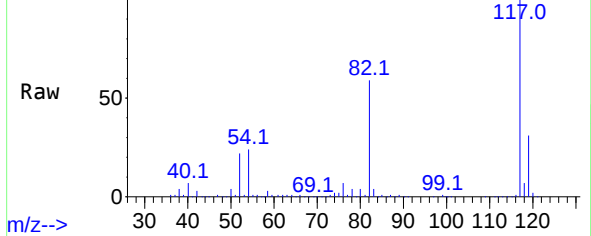
Tgt Ion: 95 Resp: 287432
Ion Ratio Lower Upper
95 100
174 74.9 0.0 156.2
176 69.9 0.0 160.8



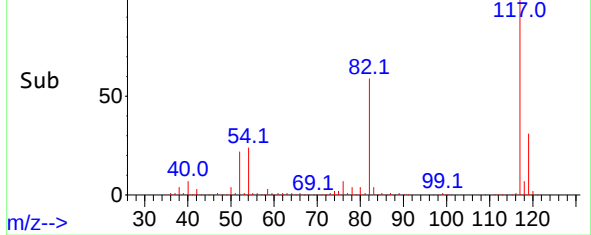
Abundance Scan 1596 (11.634 min): VW019064.D\data.ms (



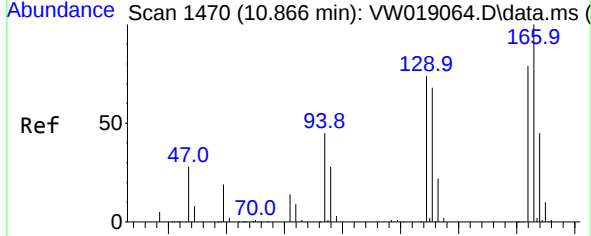
m/z--> Abundance Scan 1595 (11.628 min): VW019081.D\data.ms



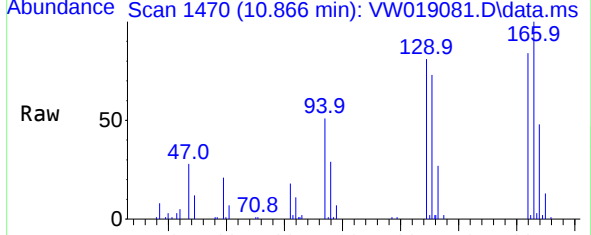
Abundance Scan 1595 (11.628 min): VW019081.D\data.ms (



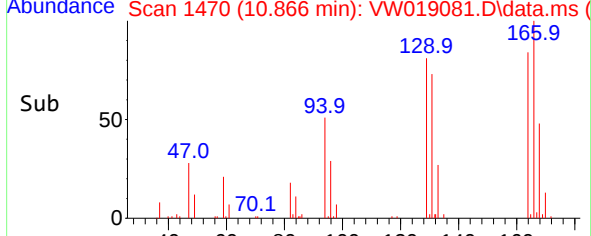
m/z--> Abundance Scan 1595 (11.628 min): VW019081.D\data.ms (



m/z--> Abundance Scan 1470 (10.866 min): VW019081.D\data.ms



Abundance Scan 1470 (10.866 min): VW019081.D\data.ms (



m/z--> Abundance Scan 1470 (10.866 min): VW019081.D\data.ms (



m/z--> Abundance Scan 1470 (10.866 min): VW019081.D\data.ms (

m/z--> Abundance Scan 1470 (10.866 min): VW019081.D\data.ms (

m/z--> Abundance Scan 1470 (10.866 min): VW019081.D\data.ms (

m/z--> Abundance Scan 1470 (10.866 min): VW019081.D\data.ms (

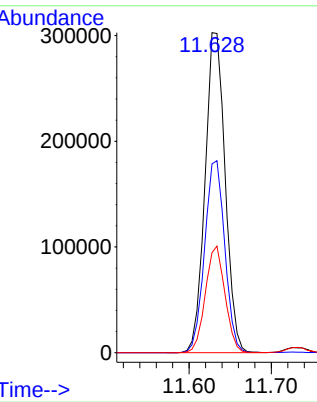
m/z--> Abundance Scan 1470 (10.866 min): VW019081.D\data.ms (

m/z--> Abundance Scan 1470 (10.866 min): VW019081.D\data.ms (

m/z--> Abundance Scan 1470 (10.866 min): VW019081.D\data.ms (

#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion:	117	Resp:	515586
Ion Ratio	Lower	Upper	
117	100		
82	59.0	44.4	66.6
119	31.3	24.6	36.8



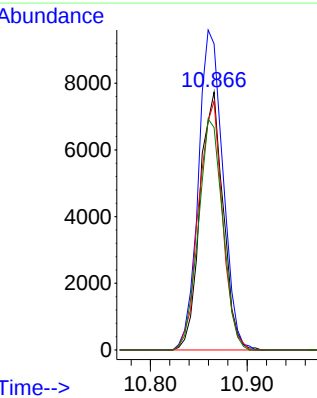
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

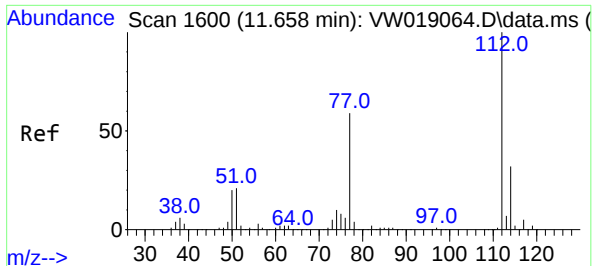
Manual Integrations
APPROVED

MMDadoda
5/27/2021 10:29:35 AM

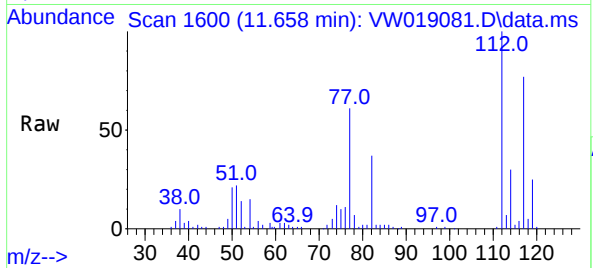
#64
Tetrachloroethene
Concen: 3.50 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion:	164	Resp:	12930
Ion Ratio	Lower	Upper	
164	100		
166	118.8	107.8	161.8
129	96.4	77.3	115.9
131	86.3	78.5	117.7

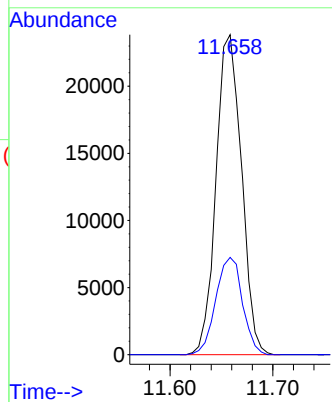
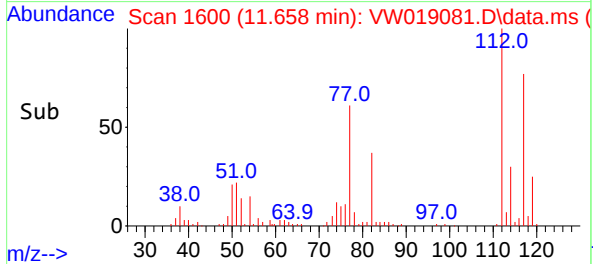




#65
Chlorobenzene
Concen: 3.57 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



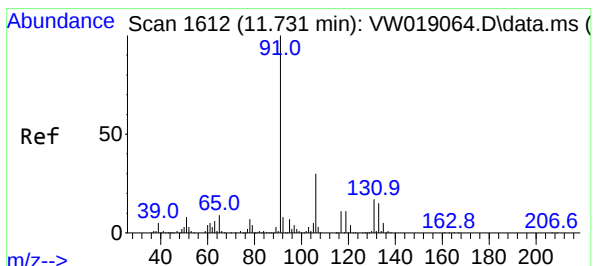
Tgt Ion:112 Resp: 40963
Ion Ratio Lower Upper
112 100
114 30.4 26.4 39.6



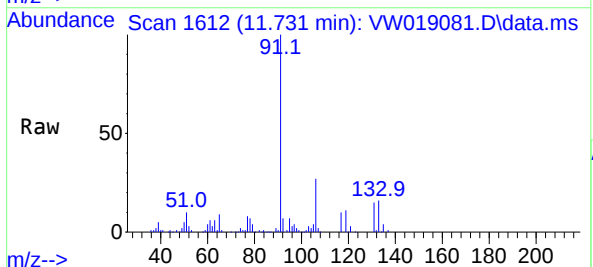
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
APPROVED

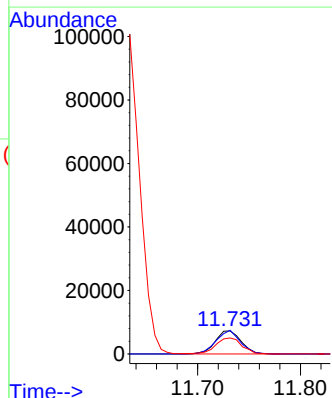
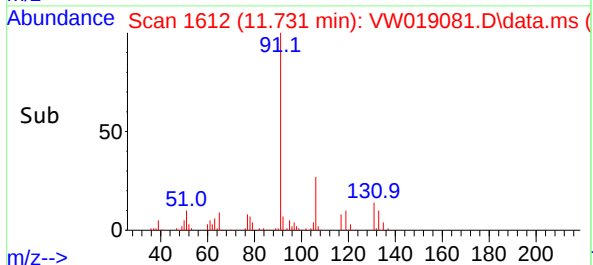
MMDadoda
5/27/2021 10:29:35 AM

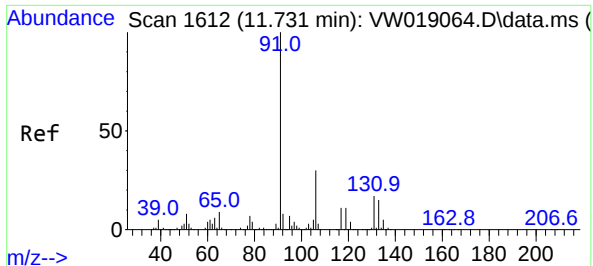


#66
1,1,1,2-Tetrachloroethane
Concen: 3.23 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



Tgt Ion:131 Resp: 12650
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.3
119 70.8 33.1 99.2





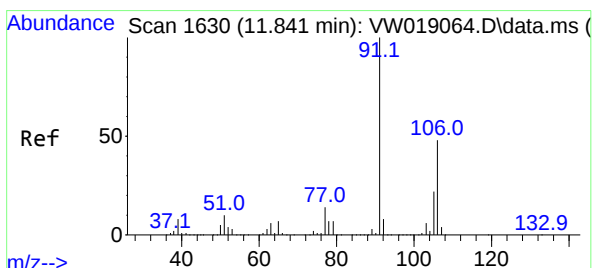
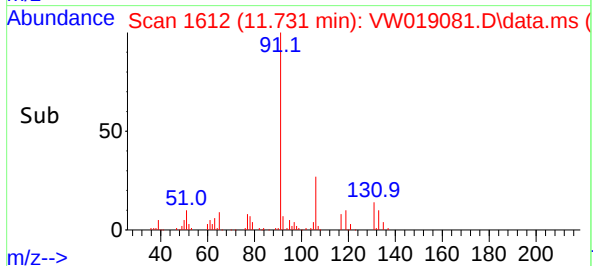
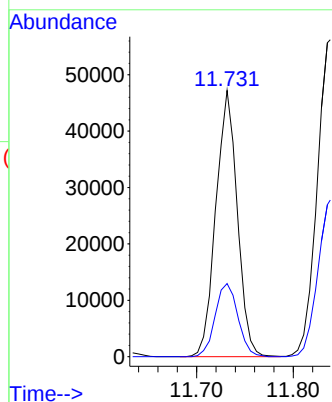
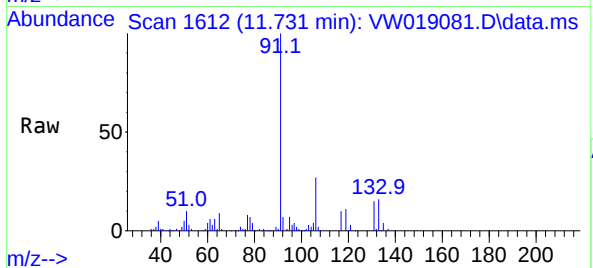
#67
Ethyl Benzene
Concen: 3.34 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 91 Resp: 72651
Ion Ratio Lower Upper
91 100
106 27.5 24.0 36.0

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

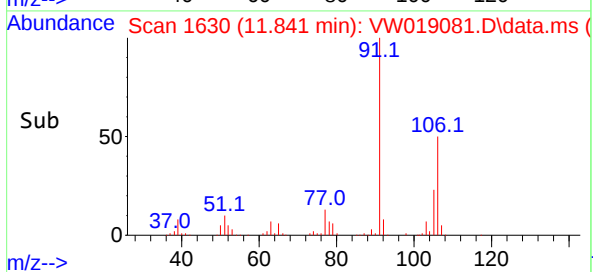
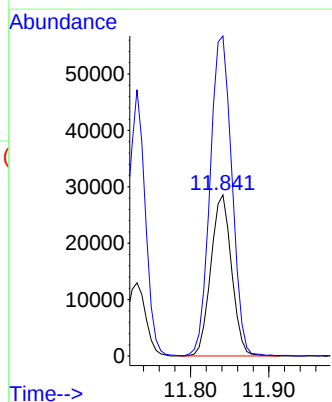
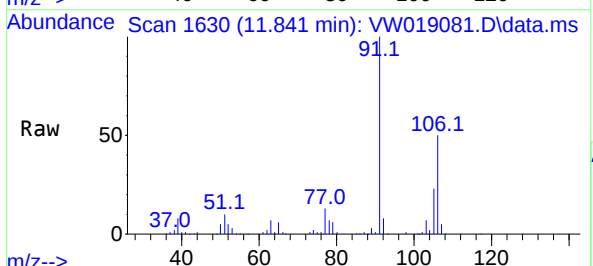
Manual Integrations
APPROVED

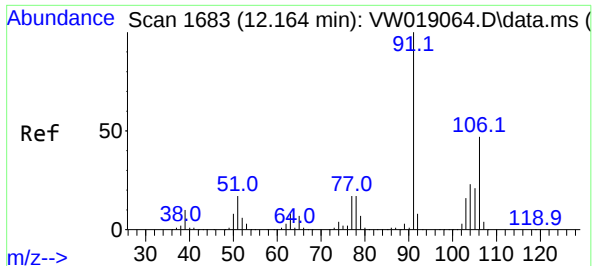
MMDadoda
5/27/2021 10:29:35 AM



#68
m/p-Xylenes
Concen: 6.58 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

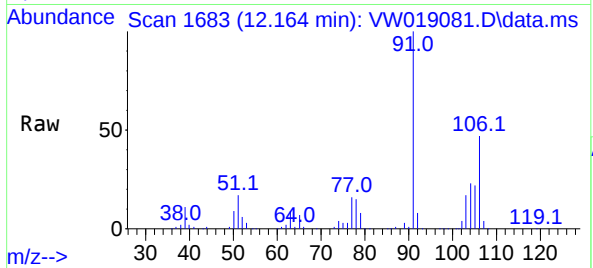
Tgt Ion: 106 Resp: 52480
Ion Ratio Lower Upper
106 100
91 209.0 164.2 246.2





#69
o-Xylene
Concen: 3.30 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

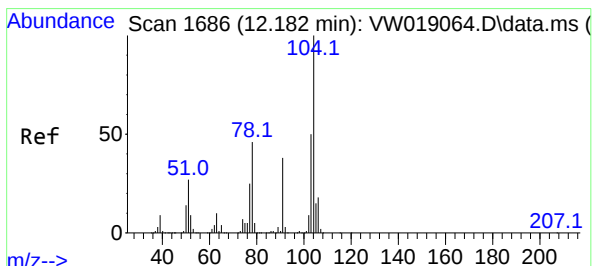
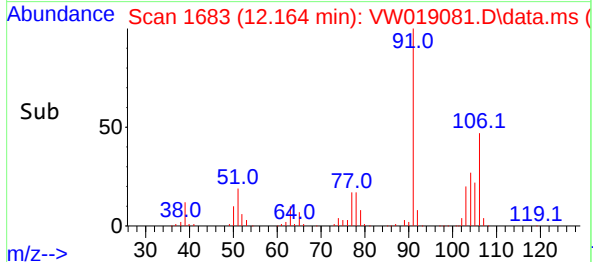
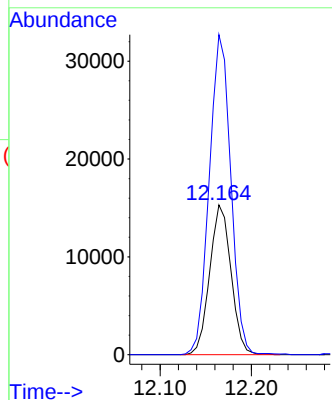
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021



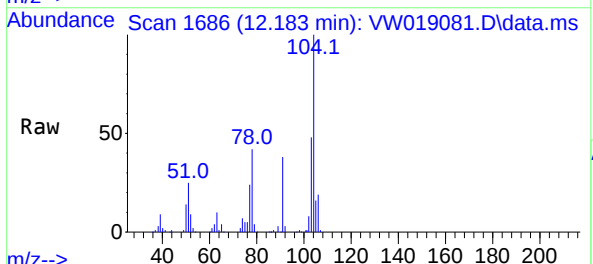
Tgt Ion:106 Resp: 24854
Ion Ratio Lower Upper
106 100
91 215.6 109.1 327.2

Manual Integrations
APPROVED

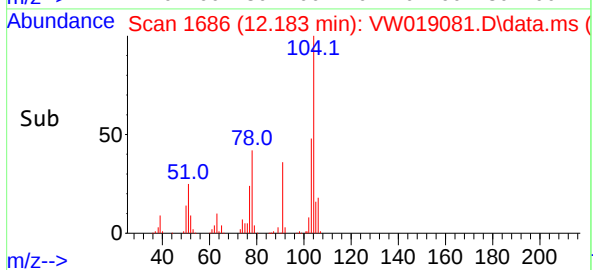
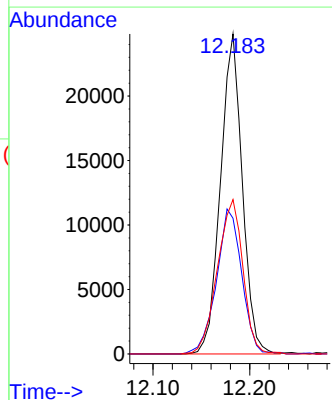
MMDadoda
5/27/2021 10:29:35 AM

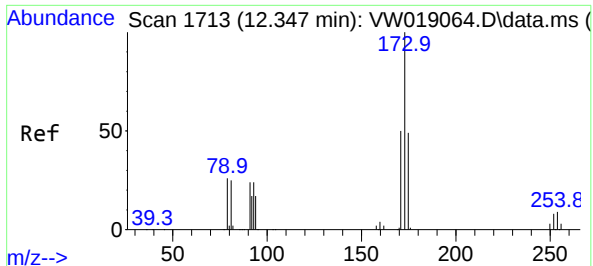


#70
Styrene
Concen: 3.08 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

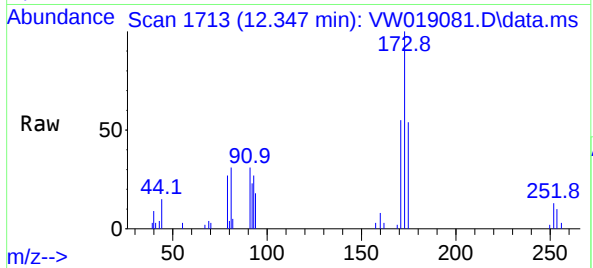


Tgt Ion:104 Resp: 38814
Ion Ratio Lower Upper
104 100
78 52.5 41.3 61.9
103 56.5 44.1 66.1

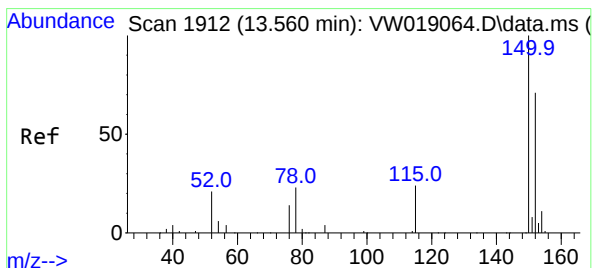
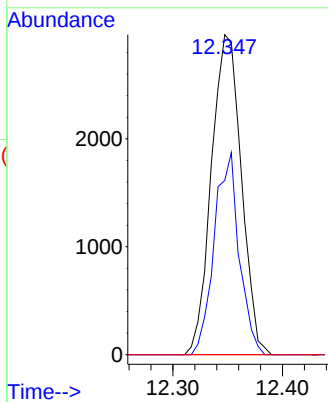
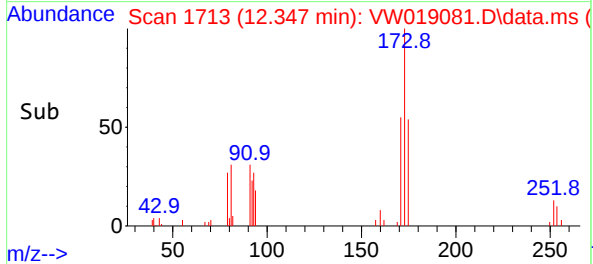




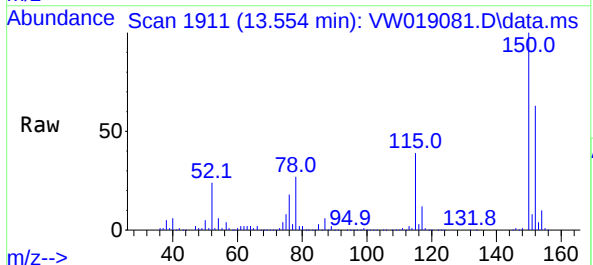
#71
Bromoform
Concen: 2.98 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



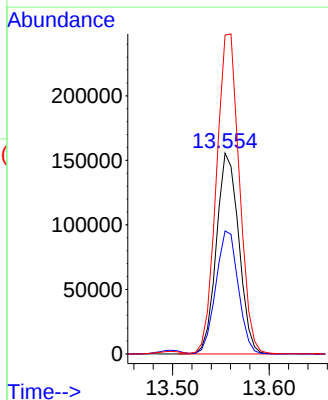
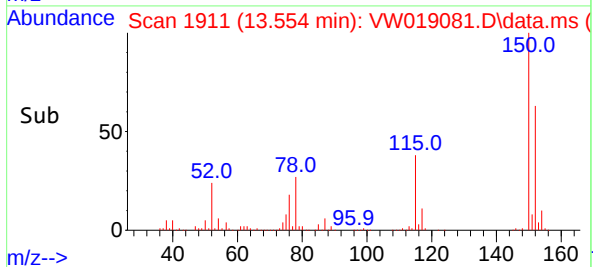
Tgt Ion:173 Resp: 5628
Ion Ratio Lower Upper
173 100
175 52.4 24.6 73.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



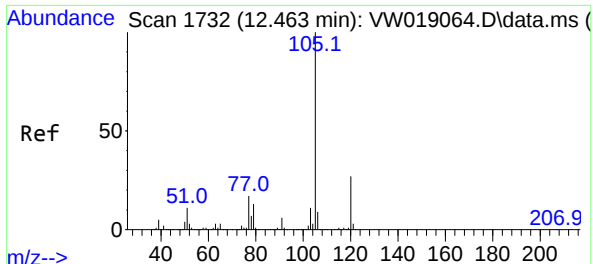
Tgt Ion:152 Resp: 249749
Ion Ratio Lower Upper
152 100
115 61.5 30.3 90.8
150 163.1 0.0 356.0



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

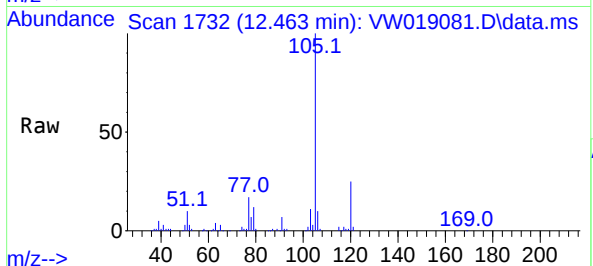
Manual Integrations
APPROVED

MMDadoda
5/27/2021 10:29:35 AM



#73
Isopropylbenzene
Concen: 3.17 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

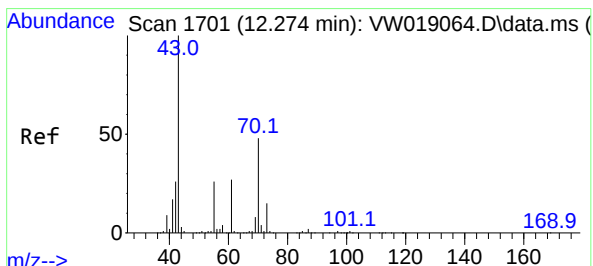
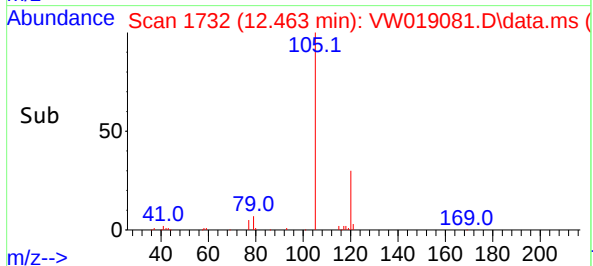
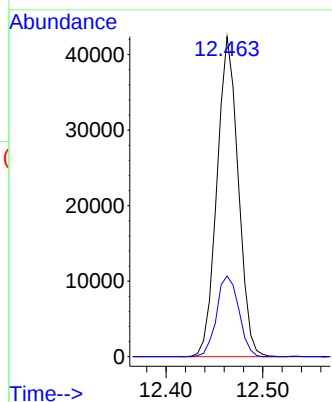
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021



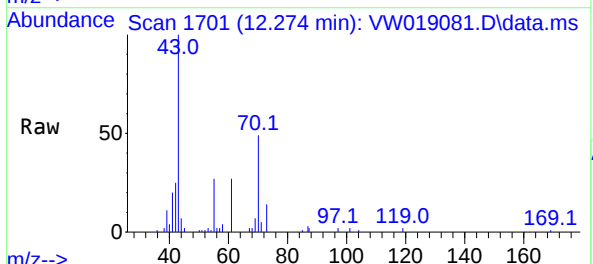
Tgt Ion:105 Resp: 64639
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5

Manual Integrations
APPROVED

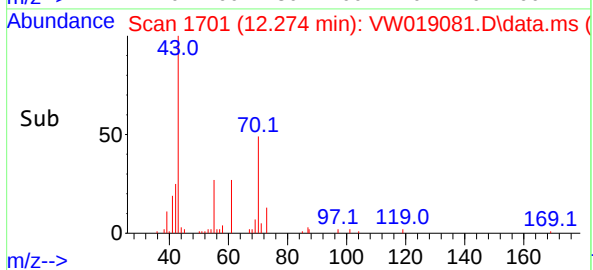
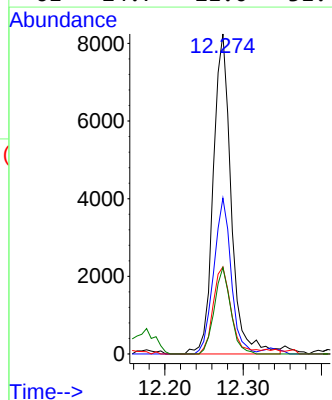
MMDadoda
5/27/2021 10:29:35 AM

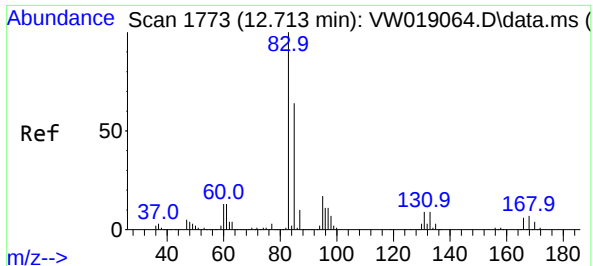


#74
N-ethyl acetate
Concen: 3.20 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



Tgt Ion: 43 Resp: 13095
Ion Ratio Lower Upper
43 100
70 47.4 38.4 57.6
55 27.6 21.6 32.4
61 24.7 21.0 31.4





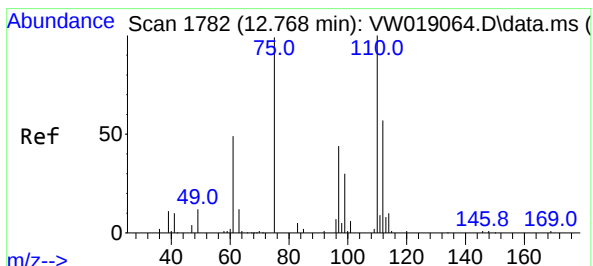
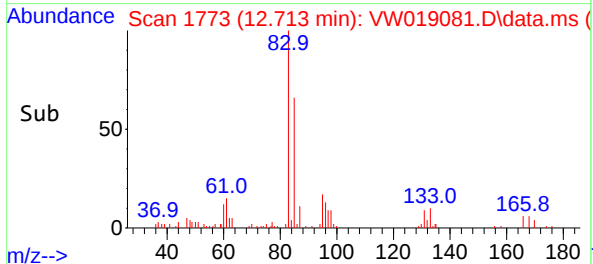
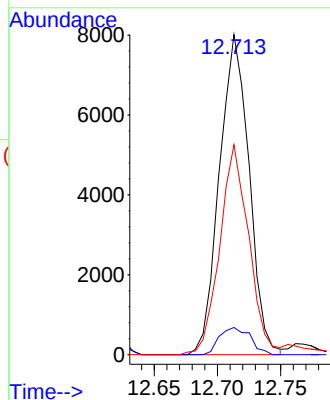
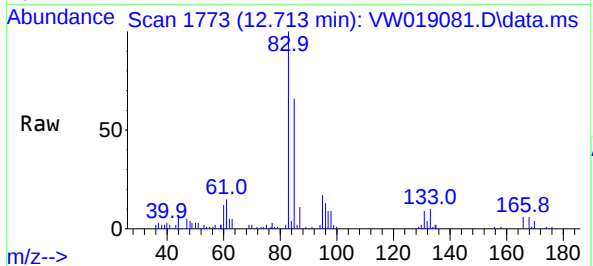
#75
1,1,2,2-Tetrachloroethane
Concen: 3.76 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 83 Resp: 13071
Ion Ratio Lower Upper
83 100
131 8.9 5.1 15.2
85 64.0 31.6 94.8

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

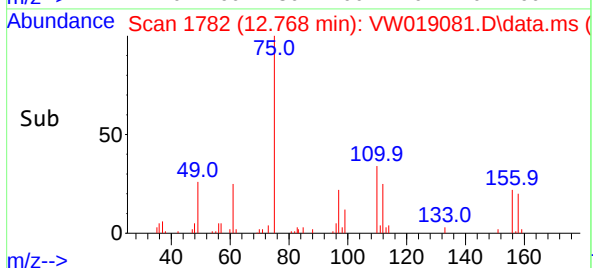
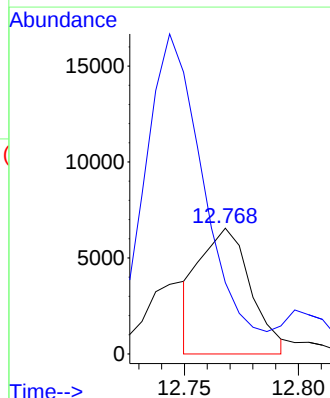
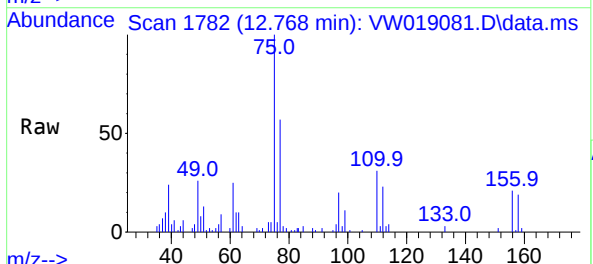
Manual Integrations
APPROVED

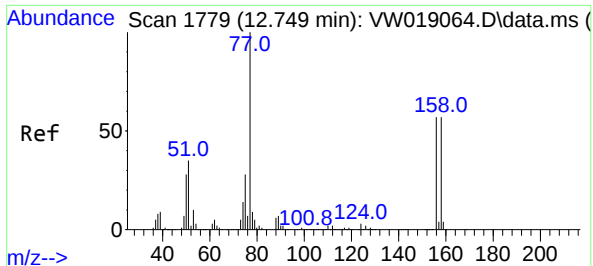
MMDadoda
5/27/2021 10:29:35 AM



#76
1,2,3-Trichloropropane
Concen: 4.28 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 75 Resp: 10202
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





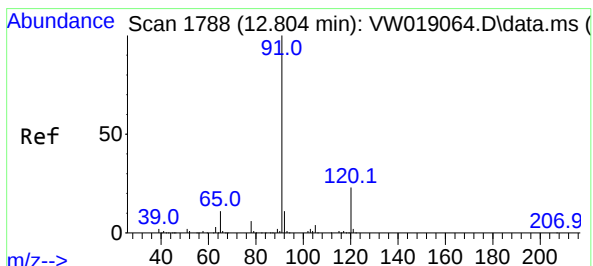
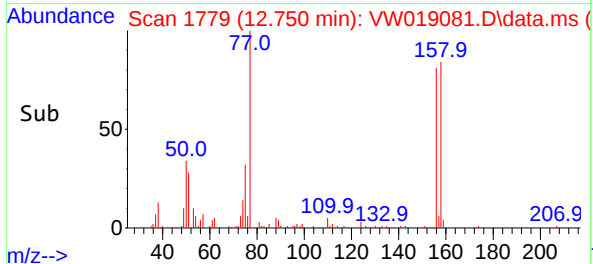
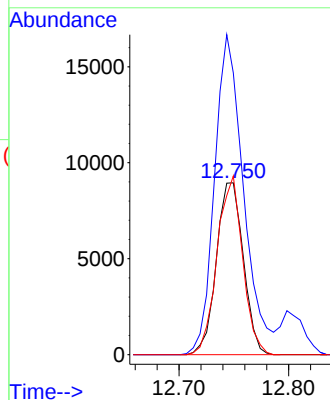
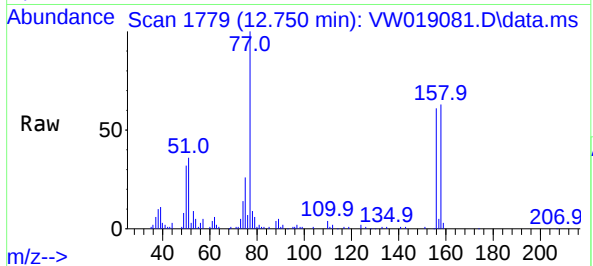
#77
Bromobenzene
Concen: 3.51 ug/l
RT: 12.750 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 156 Resp: 15305
Ion Ratio Lower Upper
156 100
77 200.2 96.7 290.0
158 98.3 48.4 145.3

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

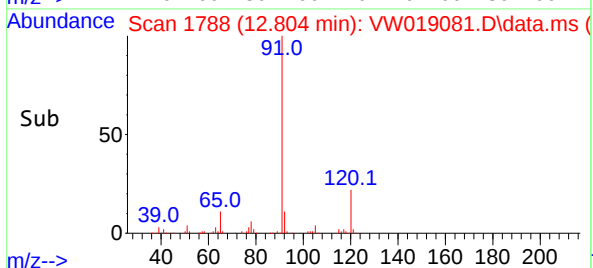
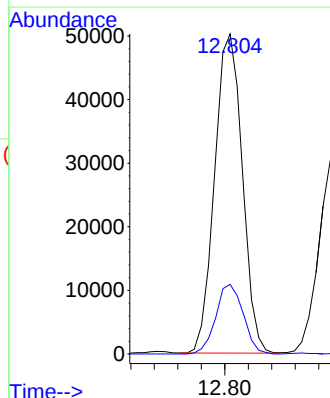
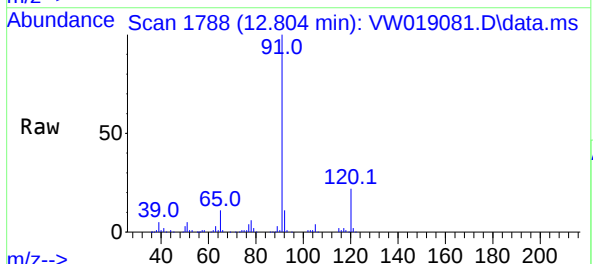
Manual Integrations
APPROVED

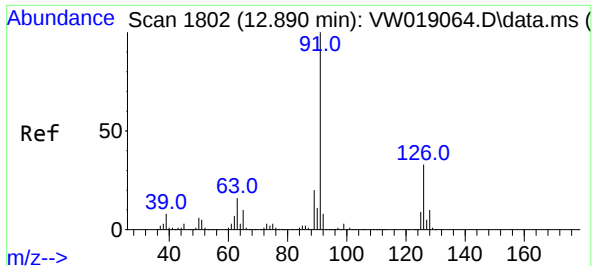
MMDadoda
5/27/2021 10:29:35 AM



#78
n-propylbenzene
Concen: 3.25 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 91 Resp: 82053
Ion Ratio Lower Upper
91 100
120 21.6 11.1 33.3





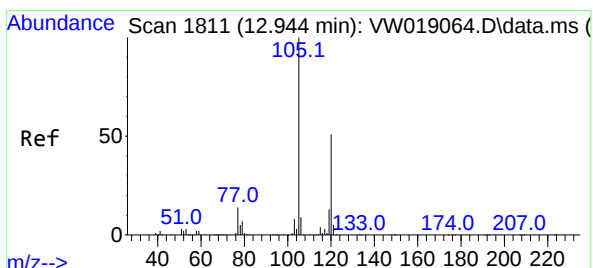
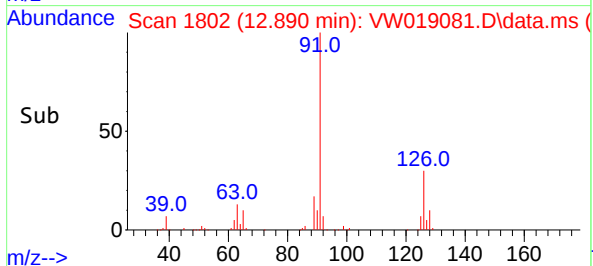
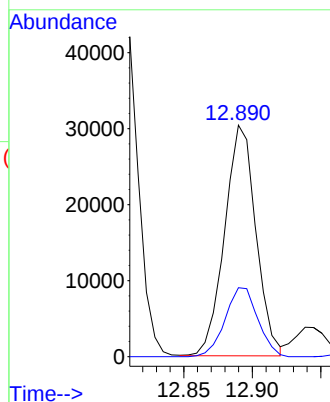
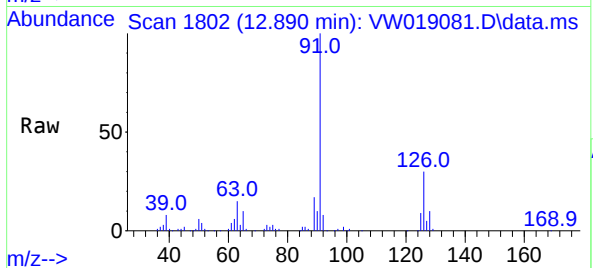
#79
2-Chlorotoluene
Concen: 3.39 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 91 Resp: 48245
Ion Ratio Lower Upper
91 100
126 31.3 16.5 49.5

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

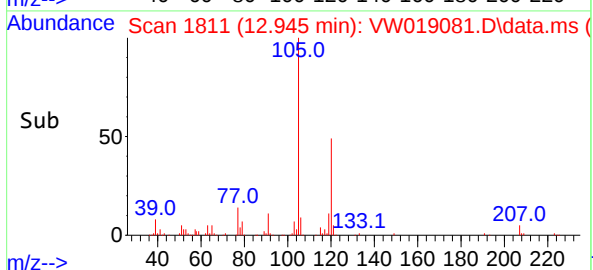
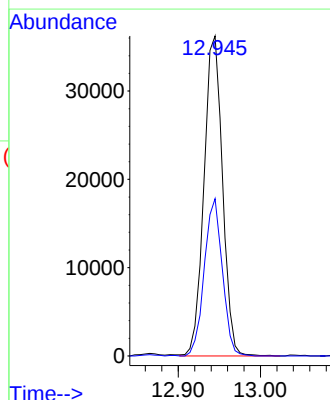
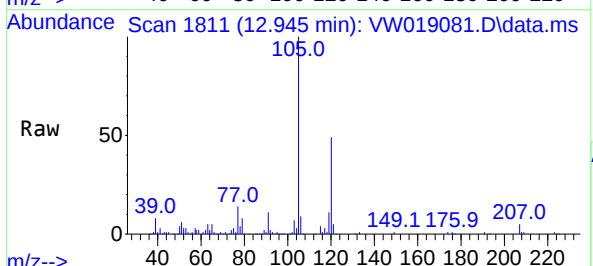
Manual Integrations
APPROVED

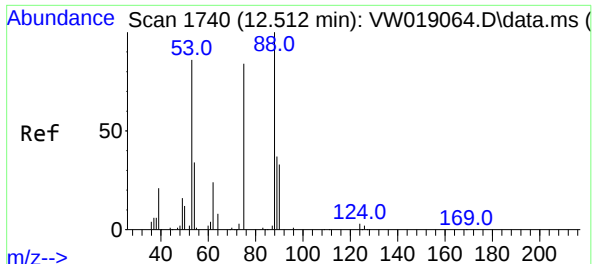
MMDadoda
5/27/2021 10:29:35 AM



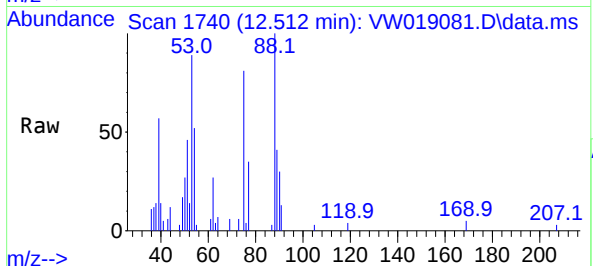
#80
1,3,5-Trimethylbenzene
Concen: 3.30 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion: 105 Resp: 56789
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.2

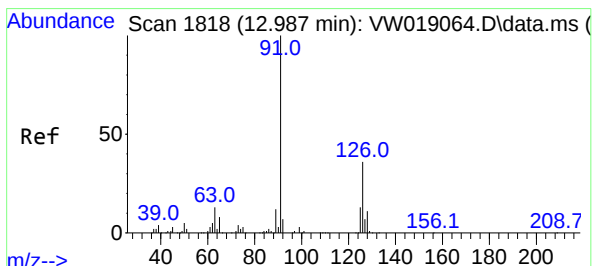
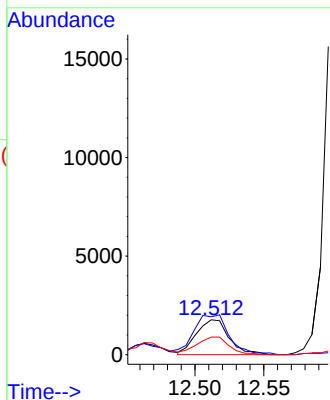
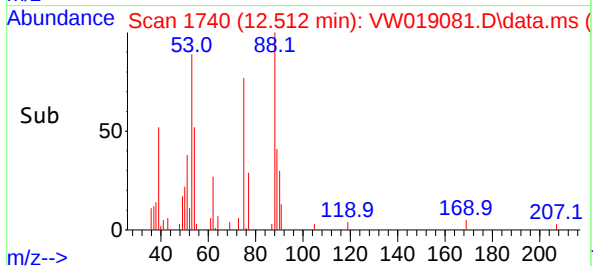




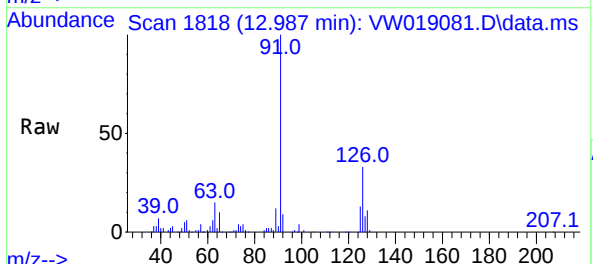
#81
trans-1,4-Dichloro-2-butene
Concen: 2.79 ug/l m
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



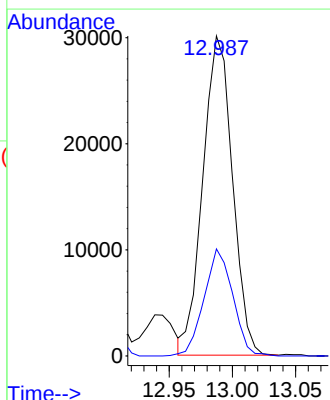
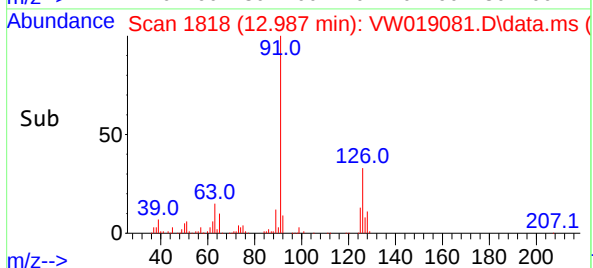
Tgt Ion: 75 Resp: 2941
Ion Ratio Lower Upper
75 100
53 3.7 81.5 122.3#
89 14.9 36.3 54.5#



#82
4-Chlorotoluene
Concen: 3.27 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



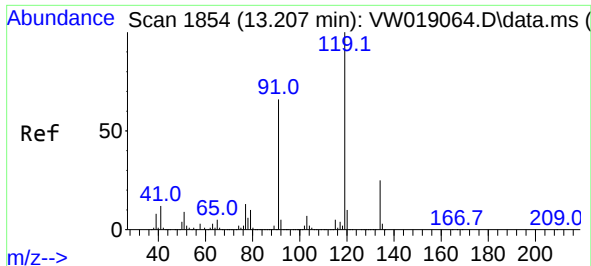
Tgt Ion: 91 Resp: 49000
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.2



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

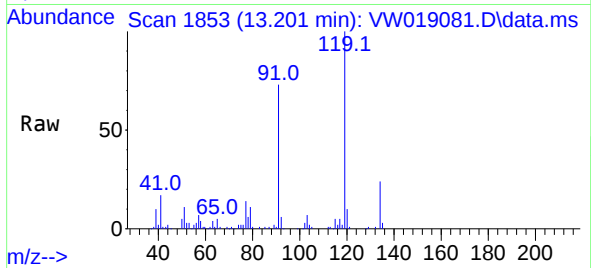
Manual Integrations
APPROVED

MMDadoda
5/27/2021 10:29:35 AM



#83
tert-Butylbenzene
Concen: 3.12 ug/l
RT: 13.201 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

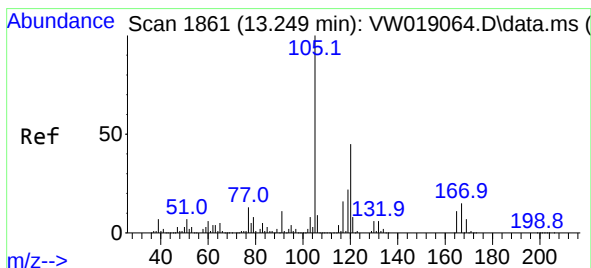
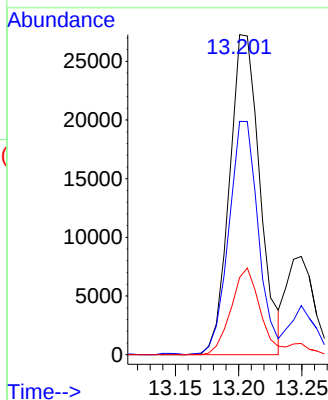
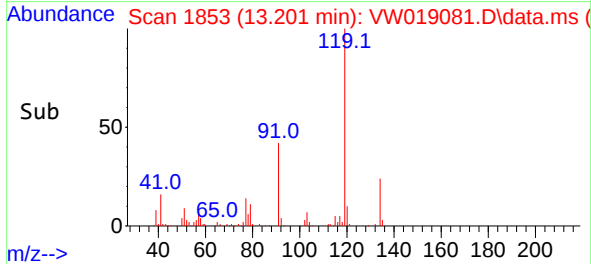
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021



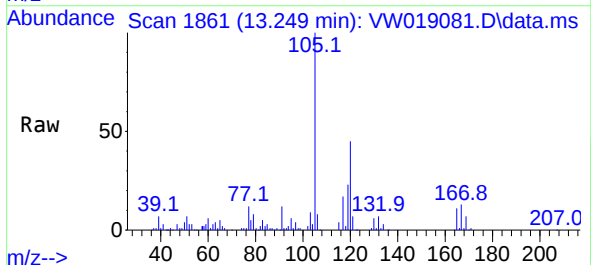
Tgt Ion:119 Resp: 45714
Ion Ratio Lower Upper
119 100
91 70.3 34.0 102.0
134 25.9 13.0 38.9

Manual Integrations
APPROVED

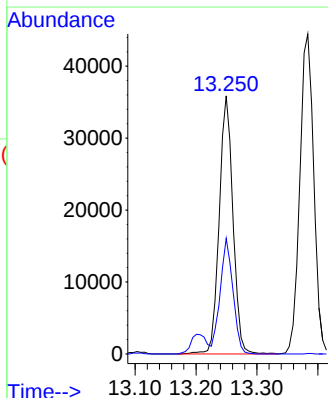
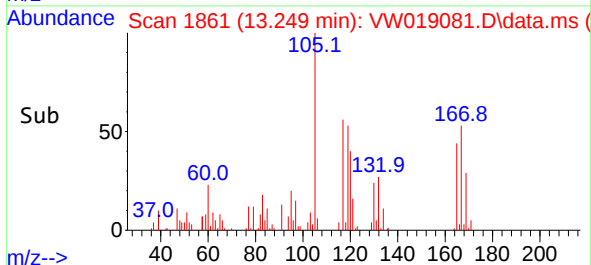
MMDadoda
5/27/2021 10:29:35 AM

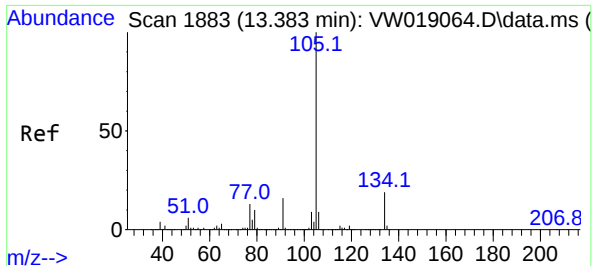


#84
1,2,4-Trimethylbenzene
Concen: 3.28 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



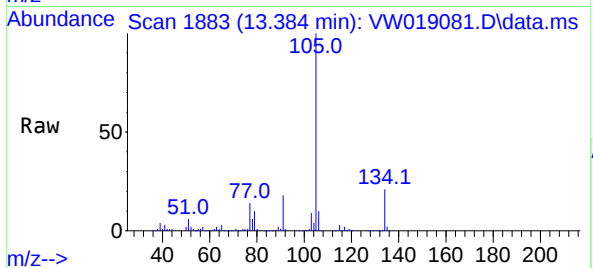
Tgt Ion:105 Resp: 56208
Ion Ratio Lower Upper
105 100
120 41.6 22.4 67.0





#85
sec-Butylbenzene
Concen: 3.21 ug/l
RT: 13.384 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

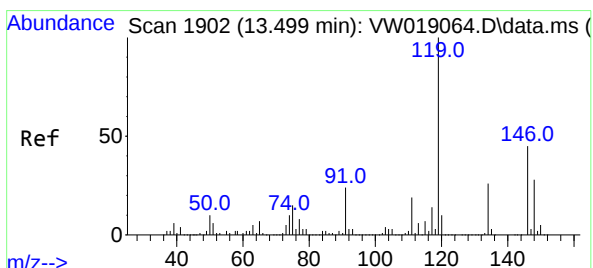
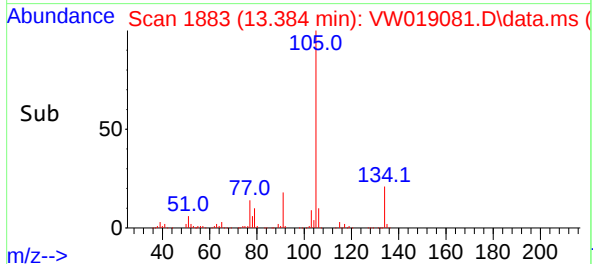
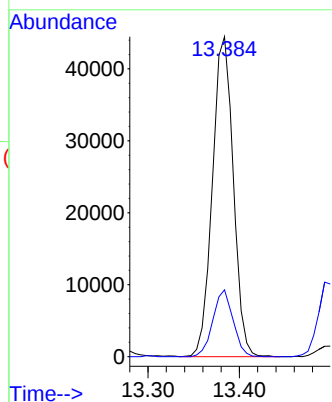
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion:105 Resp: 70503
Ion Ratio Lower Upper
105 100
134 20.2 10.1 30.1

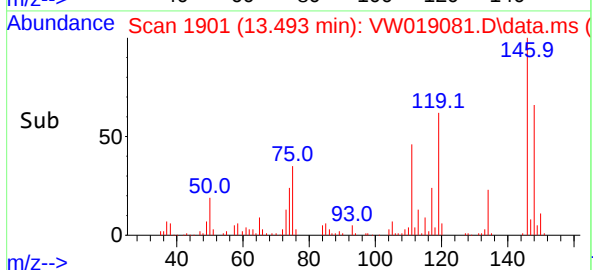
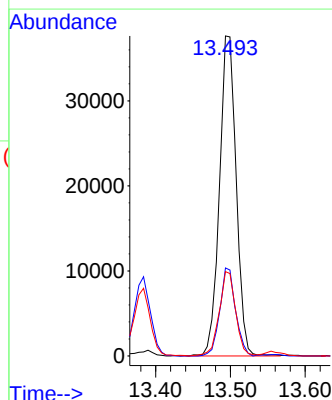
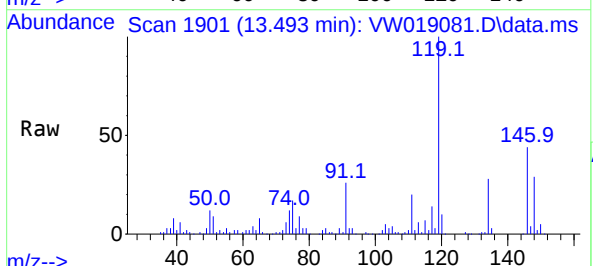
Manual Integrations
APPROVED

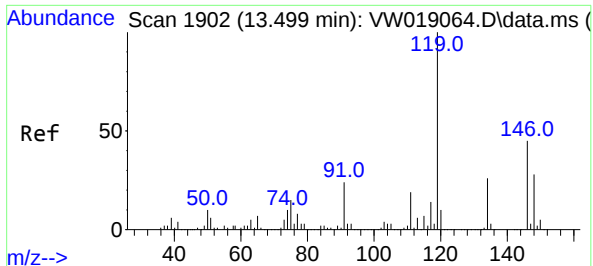
MMDadoda
5/27/2021 10:29:35 AM



#86
p-Isopropyltoluene
Concen: 3.14 ug/l
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion:119 Resp: 58758
Ion Ratio Lower Upper
119 100
134 25.9 12.8 38.3
91 25.9 12.1 36.3





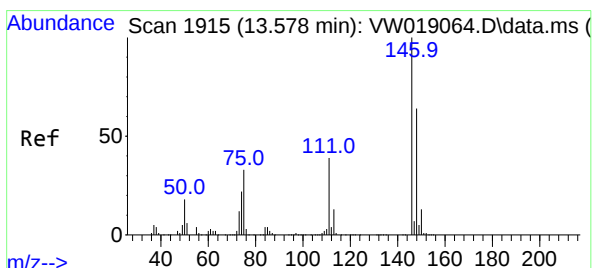
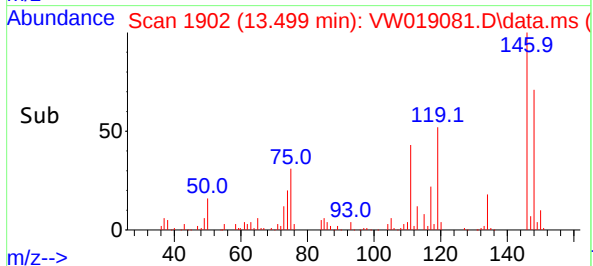
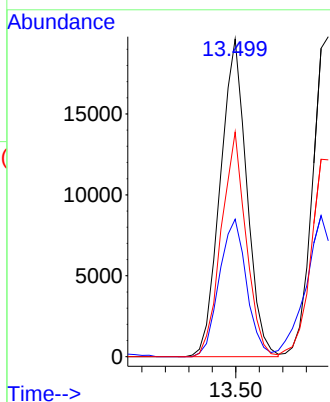
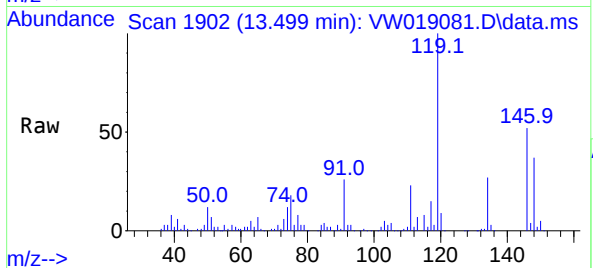
#87
1,3-Dichlorobenzene
Concen: 3.41 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion:146 Resp: 30757
Ion Ratio Lower Upper
146 100
111 44.6 20.7 62.1
148 66.2 31.8 95.3

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

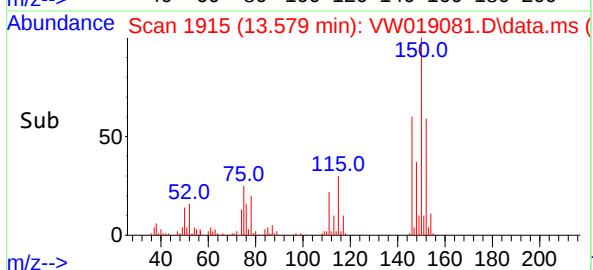
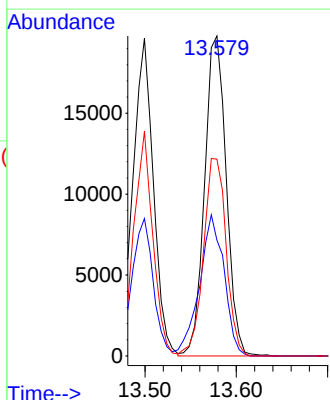
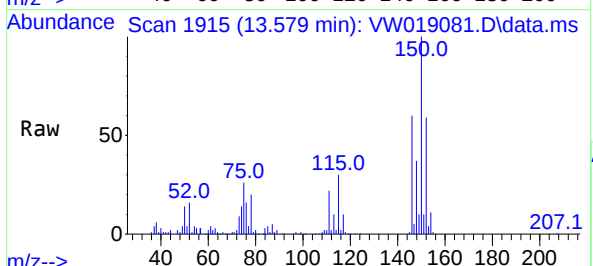
Manual Integrations
APPROVED

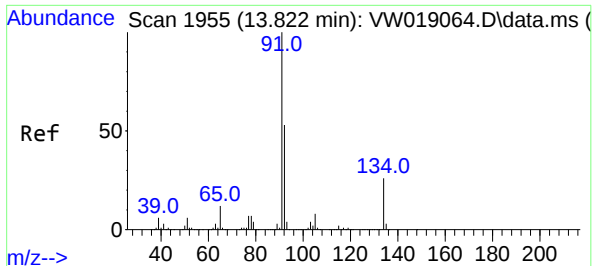
MMDadoda
5/27/2021 10:29:35 AM



#88
1,4-Dichlorobenzene
Concen: 3.66 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

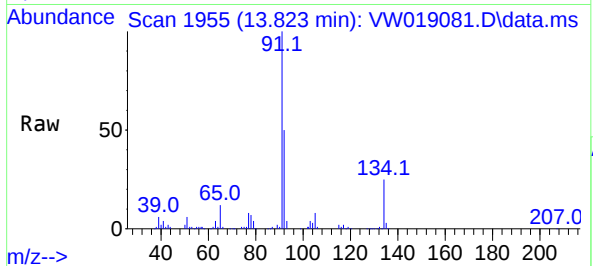
Tgt Ion:146 Resp: 32480
Ion Ratio Lower Upper
146 100
111 50.2 20.1 60.3
148 64.6 32.4 97.2





#89
n-Butylbenzene
Concen: 3.13 ug/l
RT: 13.823 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

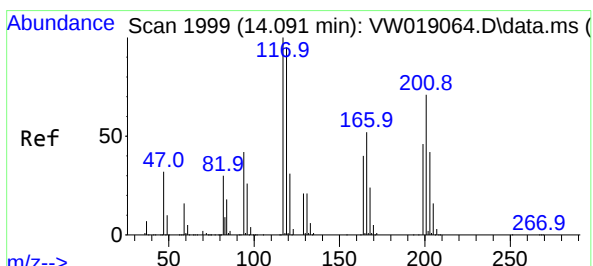
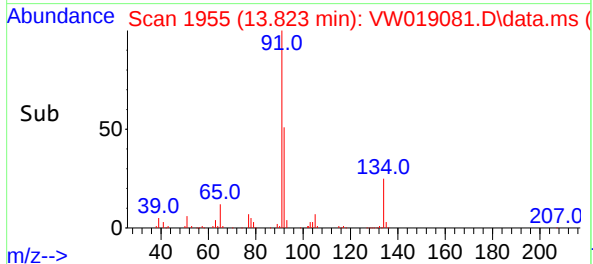
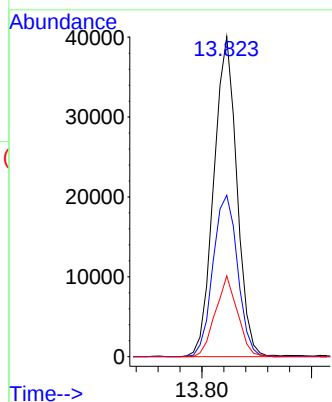
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion:	91	Resp:	58638
Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.6	79.8
134	24.3	12.7	38.0

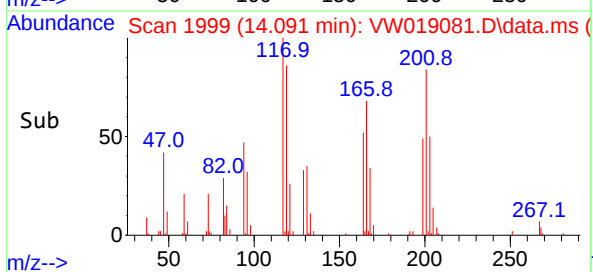
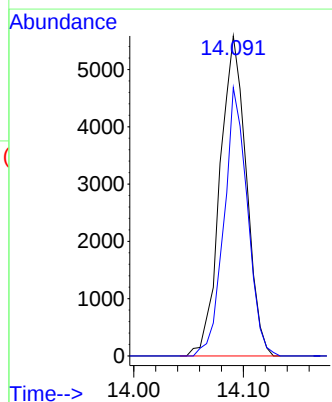
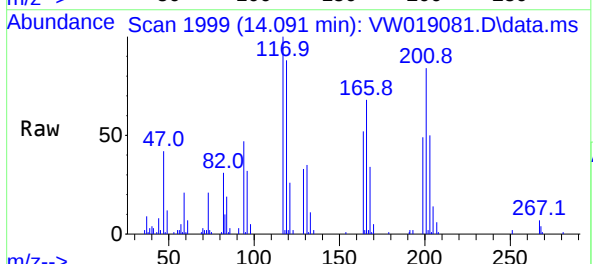
Manual Integrations
APPROVED

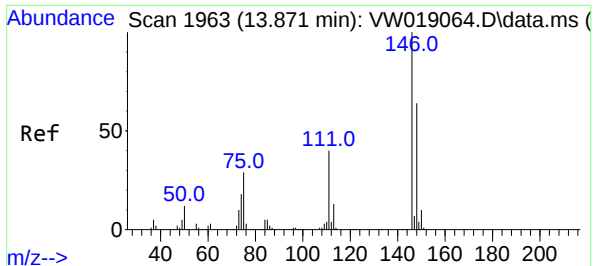
MMDadoda
5/27/2021 10:29:35 AM



#90
Hexachloroethane
Concen: 3.15 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion:	117	Resp:	9314
Ion	Ratio	Lower	Upper
117	100		
201	74.6	38.4	115.2





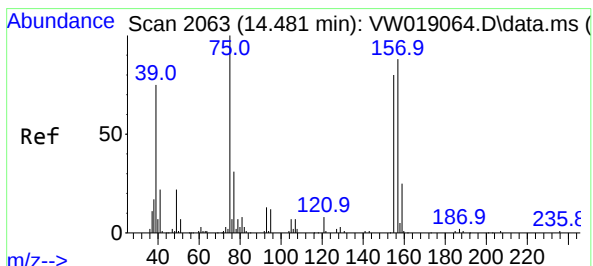
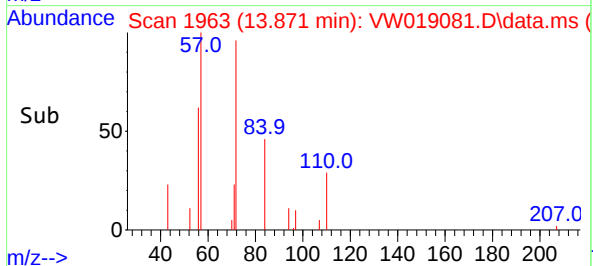
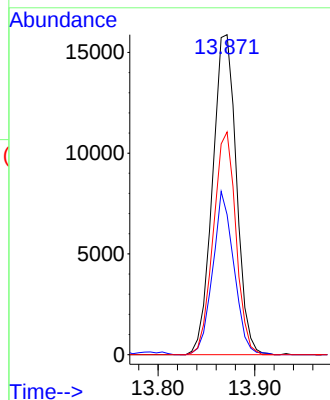
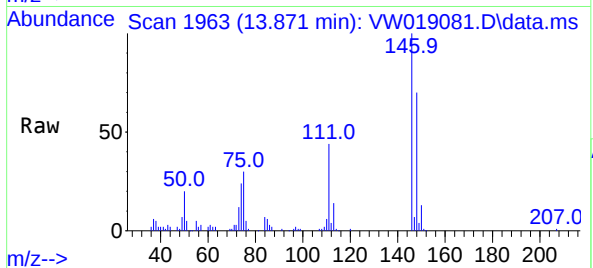
#91
1,2-Dichlorobenzene
Concen: 3.47 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion:	146	Resp:	27226
Ion	Ratio	Lower	Upper
146	100		
111	45.2	21.1	63.1
148	65.8	32.6	97.7

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

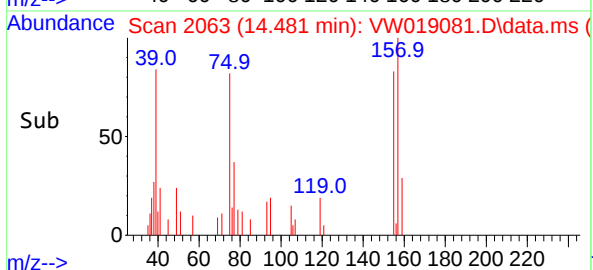
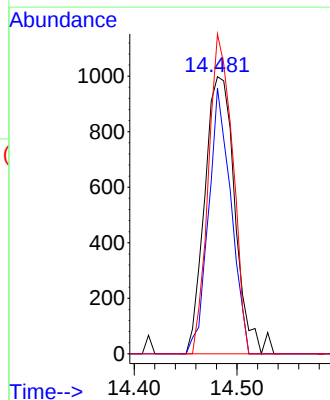
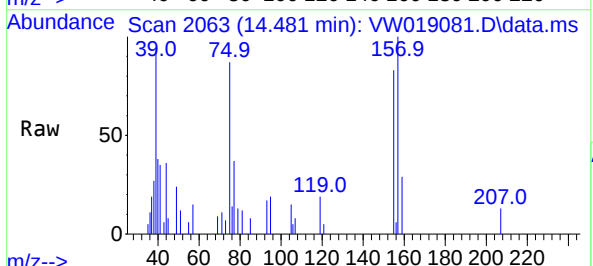
Manual Integrations
APPROVED

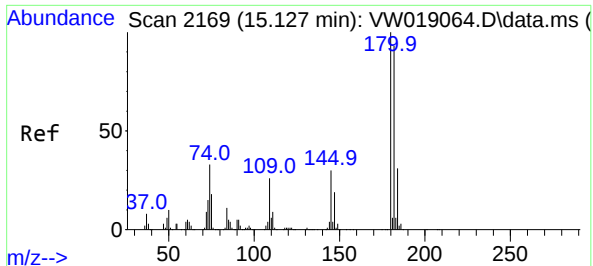
MMDadoda
5/27/2021 10:29:35 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.70 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion:	75	Resp:	2042
Ion	Ratio	Lower	Upper
75	100		
155	71.0	41.3	124.1
157	92.4	51.2	153.6





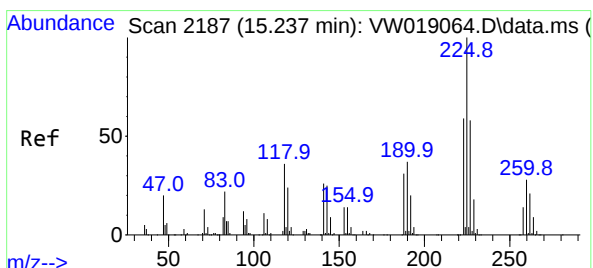
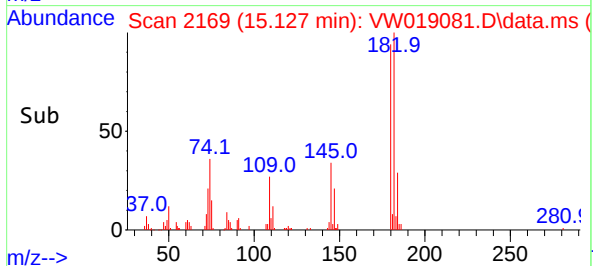
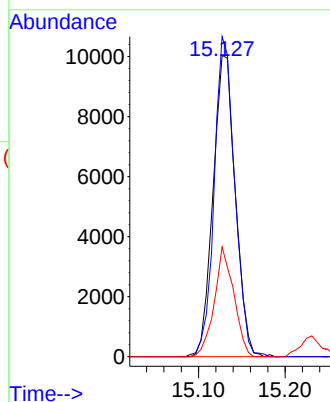
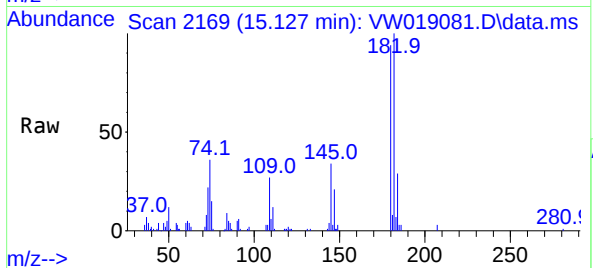
#93
1,2,4-Trichlorobenzene
Concen: 3.31 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion:	180	Resp:	17929
Ion Ratio	Lower	Upper	
180	100		
182	97.7	48.9	146.7
145	31.9	15.4	46.1

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

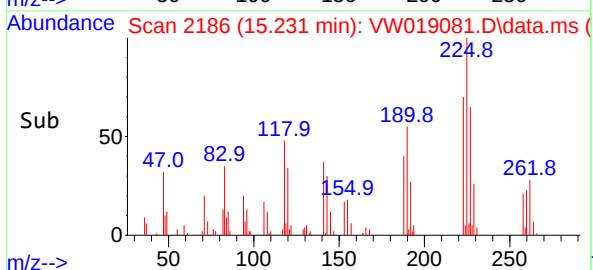
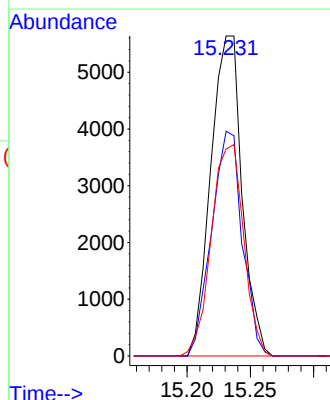
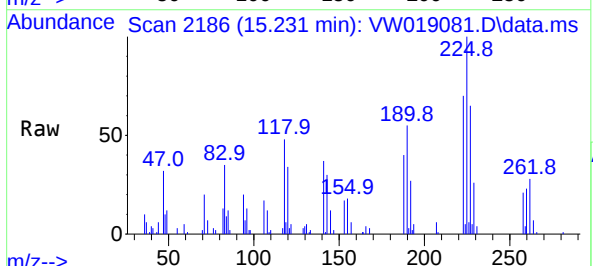
Manual Integrations
APPROVED

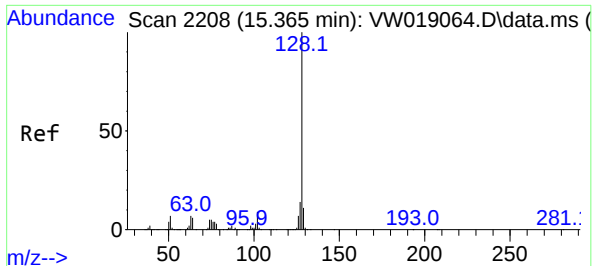
MMDadoda
5/27/2021 10:29:35 AM



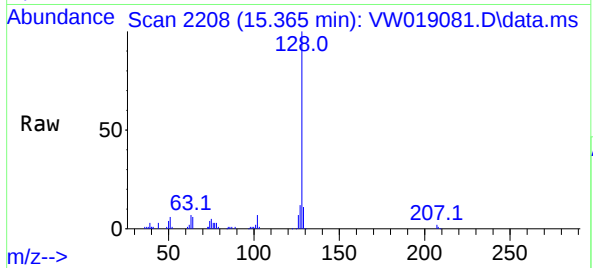
#94
Hexachlorobutadiene
Concen: 3.17 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06

Tgt Ion:	225	Resp:	9704
Ion Ratio	Lower	Upper	
225	100		
223	69.1	29.6	88.8
227	68.1	30.4	91.3

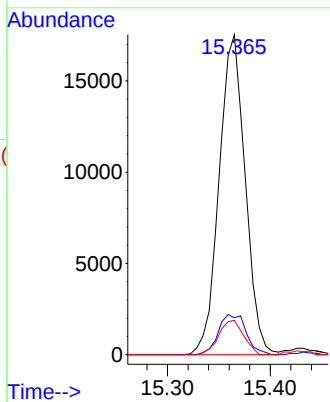
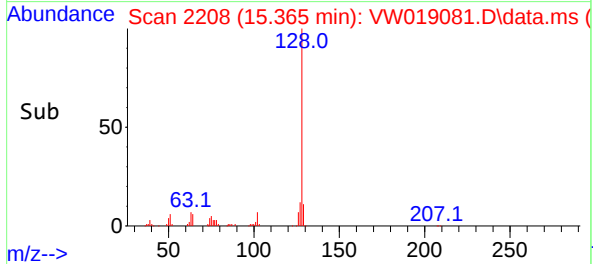




#95
Naphthalene
Concen: 3.25 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



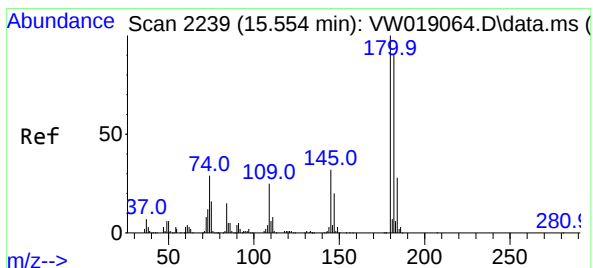
Tgt Ion:128 Resp: 30880
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.3 8.5 12.7



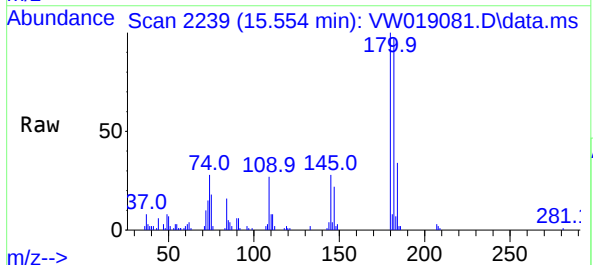
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
APPROVED

MMDadoda
5/27/2021 10:29:35 AM



#96
1,2,3-Trichlorobenzene
Concen: 3.58 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW019081.D
Acq: 25 May 2021 17:06



Tgt Ion:180 Resp: 16443
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.3
145 30.4 16.1 48.2

