

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052121\
 Data File : VW019049.D
 Acq On : 20 May 2021 18:52
 Operator : SY/VA
 Sample : M2262-02 5PPBLOQ
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

Manual Integrations
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Quant Time: May 21 05:22:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 21 05:20:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	378494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	635759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	572500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	290198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	219401	56.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.66%	
35) Dibromofluoromethane	7.885	113	193235	54.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.18%	
50) Toluene-d8	10.323	98	759432	54.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.02%	
62) 4-Bromofluorobenzene	12.615	95	269599	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	10126	3.97	ug/l	95
3) Chloromethane	2.215	50	15124	5.35	ug/l	100
4) Vinyl Chloride	2.367	62	21294	5.13	ug/l	95
5) Bromomethane	2.776	94	17110	4.92	ug/l	94
6) Chloroethane	2.928	64	13560	4.75	ug/l #	88
7) Trichlorofluoromethane	3.257	101	9958	4.36	ug/l	90
8) Diethyl Ether	3.678	74	10913	5.49	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.068	101	20008	5.41	ug/l	97
10) Methyl Iodide	4.275	142	26997	4.98	ug/l	98
11) Tert butyl alcohol	5.184	59	8414m	37.43	ug/l	
12) 1,1-Dichloroethene	4.050	96	19303	5.12	ug/l	93
13) Acrolein	3.904	56	6242	24.48	ug/l	91
14) Allyl chloride	4.672	41	24812	5.06	ug/l	97
15) Acrylonitrile	5.373	53	19787	26.55	ug/l	98
16) Acetone	4.129	43	19810	32.64	ug/l	99
17) Carbon Disulfide	4.391	76	49915	4.85	ug/l	99
18) Methyl Acetate	4.678	43	12090	6.77	ug/l	99
19) Methyl tert-butyl Ether	5.422	73	25147	5.31	ug/l	100
20) Methylene Chloride	4.916	84	66262	12.17	ug/l	95
21) trans-1,2-Dichloroethene	5.428	96	22450	5.21	ug/l	92
22) Diisopropyl ether	6.312	45	51753	5.19	ug/l	94
23) Vinyl Acetate	6.257	43	159306	23.73	ug/l	99
24) 1,1-Dichloroethane	6.214	63	40697	5.27	ug/l	98
25) 2-Butanone	7.177	43	27035	27.12	ug/l	99
26) 2,2-Dichloropropane	7.165	77	23778	5.71	ug/l	96
27) cis-1,2-Dichloroethene	7.171	96	25481	5.33	ug/l	96
28) Bromochloromethane	7.513	49	17889	5.69	ug/l	95
29) Tetrahydrofuran	7.537	42	15540	26.65	ug/l	98
30) Chloroform	7.677	83	42618	5.43	ug/l	92
31) Cyclohexane	7.952	56	39043	6.04	ug/l #	76
32) 1,1,1-Trichloroethane	7.872	97	30123	5.16	ug/l	97
36) 1,1-Dichloropropene	8.086	75	32473	5.13	ug/l	100
37) Ethyl Acetate	7.257	43	14445	5.90	ug/l	100
38) Carbon Tetrachloride	8.067	117	27290	4.89	ug/l	96
39) Methylcyclohexane	9.335	83	35392	5.05	ug/l	97
40) Benzene	8.323	78	93763	5.30	ug/l	98

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Quant Time: May 21 05:22:51 2021
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	5858	4.38	ug/l #	90
42) 1,2-Dichloroethane	8.403	62	28462	5.43	ug/l	98
43) Isopropyl Acetate	8.427	43	23372	5.12	ug/l	99
44) Trichloroethene	9.092	130	24284	5.32	ug/l	100
45) 1,2-Dichloropropane	9.366	63	22422	5.24	ug/l	98
46) Dibromomethane	9.457	93	12529	5.39	ug/l	96
47) Bromodichloromethane	9.640	83	29086	5.03	ug/l #	91
48) Methyl methacrylate	9.439	41	10477	4.99	ug/l	97
49) 1,4-Dioxane	9.457	88	2692	101.61	ug/l #	81
51) 4-Methyl-2-Pentanone	10.213	43	60894	25.73	ug/l	100
52) Toluene	10.390	92	59643	5.32	ug/l	98
53) t-1,3-Dichloropropene	10.604	75	26988	4.75	ug/l	94
54) cis-1,3-Dichloropropene	10.073	75	32585	4.81	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	16659	5.19	ug/l	98
56) Ethyl methacrylate	10.646	69	18988	4.71	ug/l	98
57) 1,3-Dichloropropane	10.933	76	30208	5.26	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	51692	24.77	ug/l	100
59) 2-Hexanone	10.969	43	39231	24.94	ug/l	99
60) Dibromochloromethane	11.128	129	17409	4.84	ug/l	100
61) 1,2-Dibromoethane	11.238	107	16033	5.19	ug/l	97
64) Tetrachloroethene	10.860	164	19938	5.36	ug/l	93
65) Chlorobenzene	11.658	112	61549	5.28	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.725	131	19836	4.99	ug/l	99
67) Ethyl Benzene	11.731	91	108443	5.03	ug/l	99
68) m/p-Xylenes	11.841	106	81121	10.02	ug/l	100
69) o-Xylene	12.164	106	37276	4.94	ug/l	97
70) Styrene	12.183	104	61397	4.79	ug/l	99
71) Bromoform	12.347	173	8904	4.46	ug/l #	96
73) Isopropylbenzene	12.463	105	103197	4.85	ug/l	98
74) N-amyl acetate	12.274	43	20759	4.73	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	20164	5.30	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	12551m	4.58	ug/l	
77) Bromobenzene	12.743	156	23668	5.05	ug/l	95
78) n-propylbenzene	12.804	91	128851	4.95	ug/l	99
79) 2-Chlorotoluene	12.890	91	74496	5.03	ug/l	97
80) 1,3,5-Trimethylbenzene	12.945	105	88087	4.88	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	4555	4.05	ug/l	89
82) 4-Chlorotoluene	12.987	91	76683	4.88	ug/l	100
83) tert-Butylbenzene	13.207	119	72406	4.76	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	89478	4.99	ug/l	97
85) sec-Butylbenzene	13.384	105	108664	4.82	ug/l	99
86) p-Isopropyltoluene	13.499	119	94270	4.82	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	48802	5.10	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	48684	5.16	ug/l	95
89) n-Butylbenzene	13.822	91	93872	4.88	ug/l	99
90) Hexachloroethane	14.091	117	14481	4.73	ug/l	91
91) 1,2-Dichlorobenzene	13.871	146	43009	5.08	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2923	4.81	ug/l	96
93) 1,2,4-Trichlorobenzene	15.127	180	28691	5.06	ug/l	97
94) Hexachlorobutadiene	15.231	225	15999	4.88	ug/l	92
95) Naphthalene	15.365	128	50281	4.87	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	26147	5.32	ug/l	100

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ClientSampleId :
LOQ-SOIL-02-QT2-2021

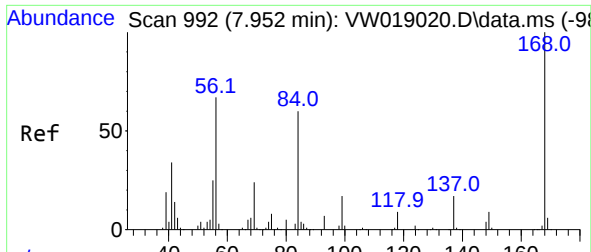
Manual Integrations
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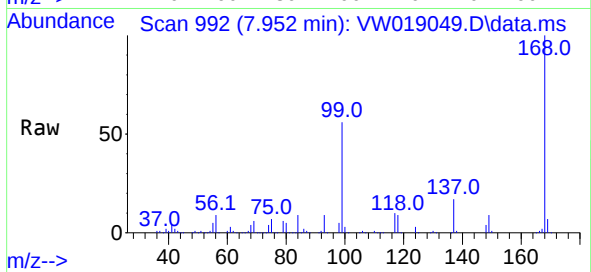
Quant Time: May 21 05:22:51 2021
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Quant Title : SW846 8260
QLast Update : Fri May 21 05:20:52 2021
Response via : Initial Calibration

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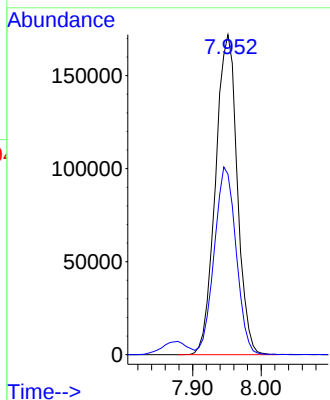
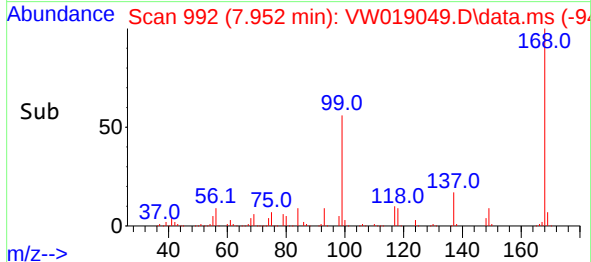
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



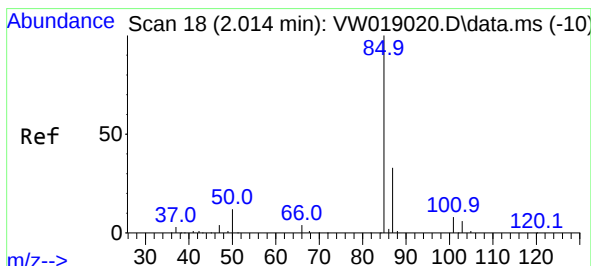
Tgt Ion: 168 Resp: 378494
Ion Ratio Lower Upper
168 100
99 56.3 48.8 73.2



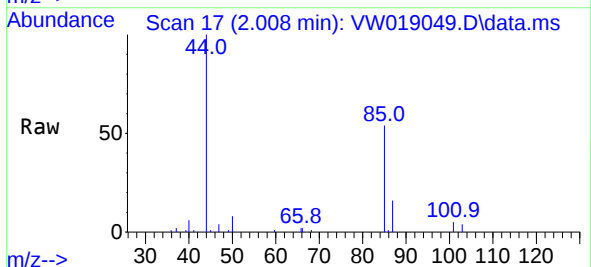
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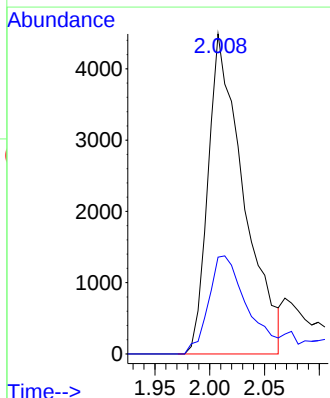
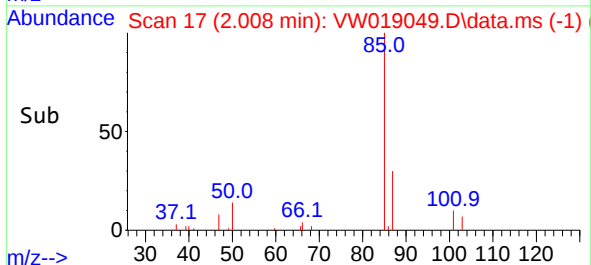
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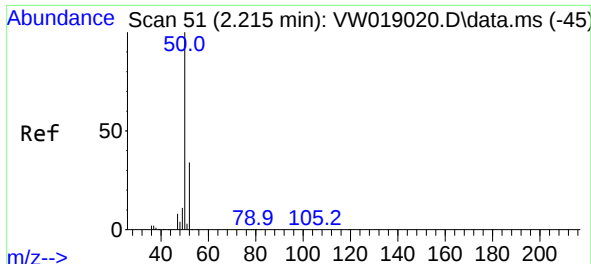


#2
Dichlorodifluoromethane
Concen: 3.97 ug/l
RT: 2.008 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



Tgt Ion: 85 Resp: 10126
Ion Ratio Lower Upper
85 100
87 30.3 16.7 50.0





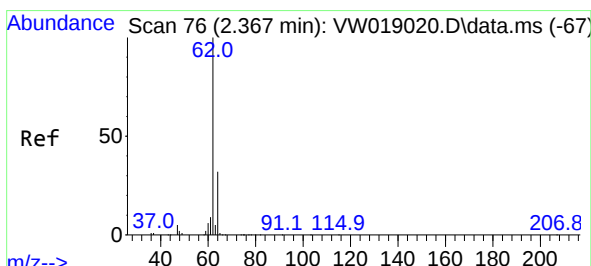
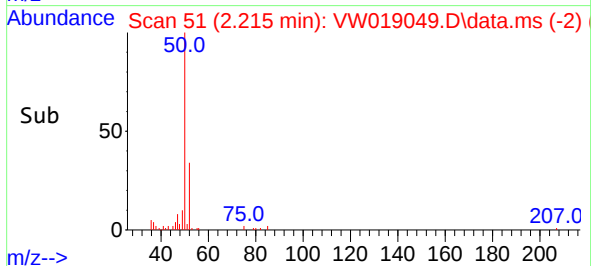
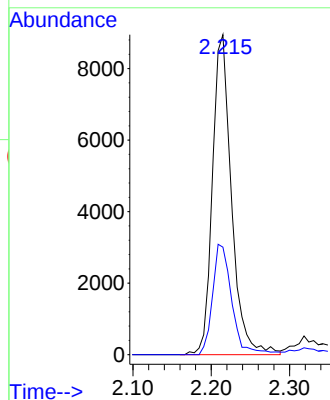
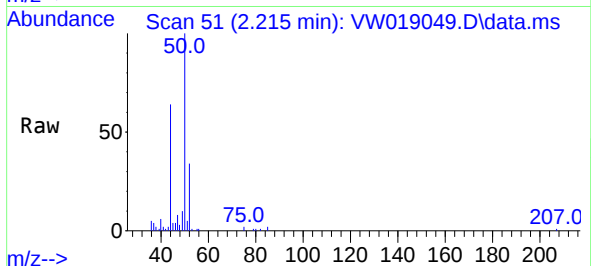
#3
Chloromethane
Concen: 5.35 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 50 Resp: 15124
Ion Ratio Lower Upper
50 100
52 33.6 26.9 40.3

Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT2-2021

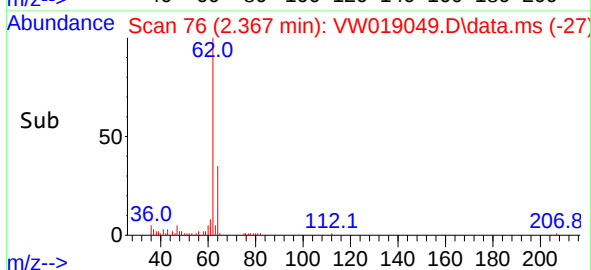
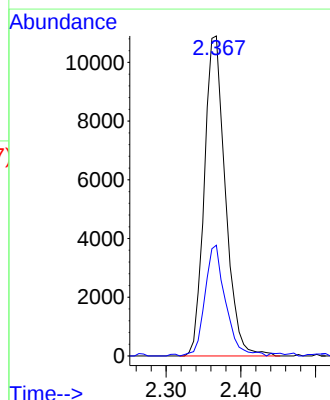
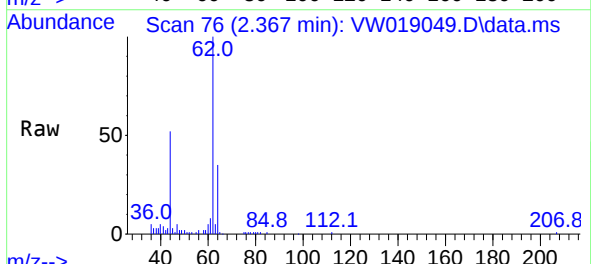
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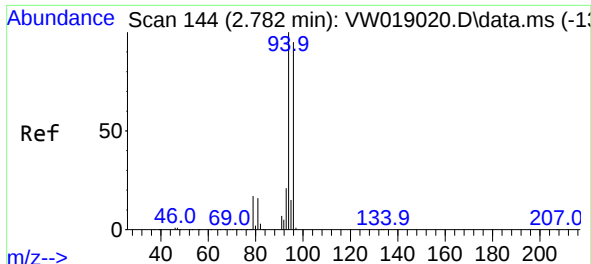
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#4
Vinyl Chloride
Concen: 5.13 ug/l
RT: 2.367 min Scan# 76
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

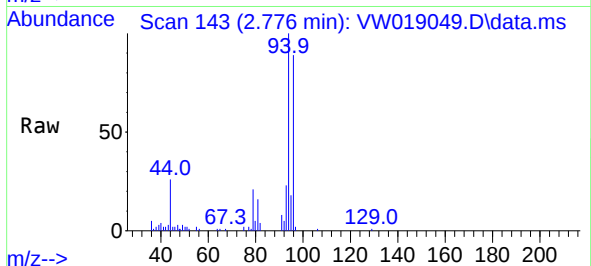
Tgt Ion: 62 Resp: 21294
Ion Ratio Lower Upper
62 100
64 34.6 25.3 37.9





#5
Bromomethane
Concen: 4.92 ug/l
RT: 2.776 min Scan# 143
Delta R.T. -0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

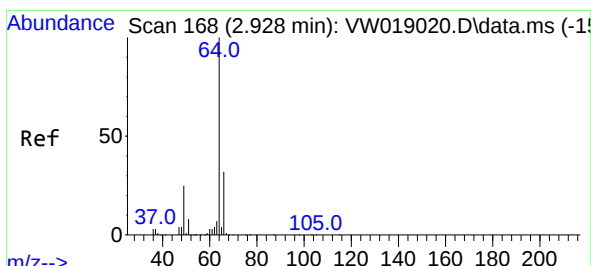
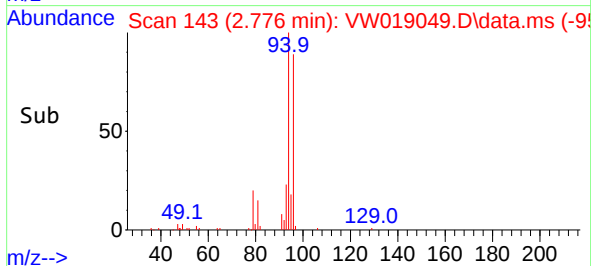
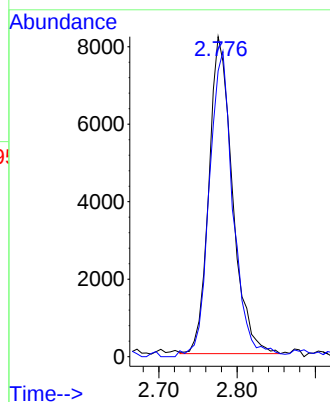
Instrument :
MSVOA_W
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Tgt Ion: 94 Resp: 17110
Ion Ratio Lower Upper
94 100
96 89.2 76.4 114.6

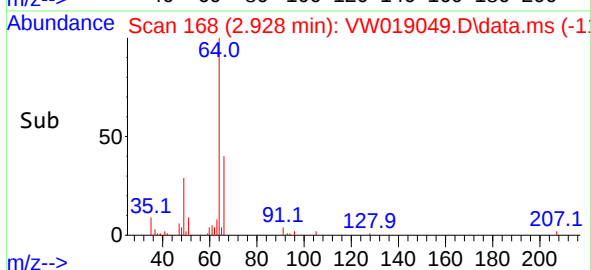
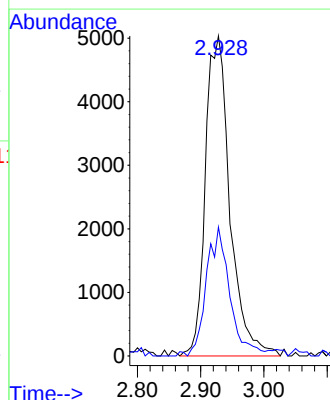
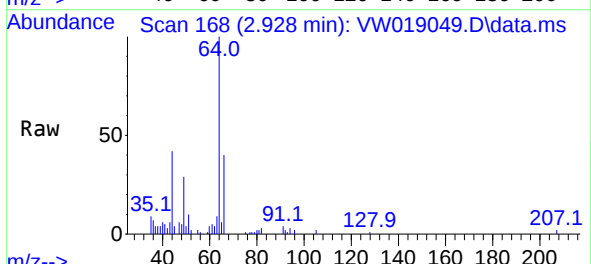
Manual Integrations
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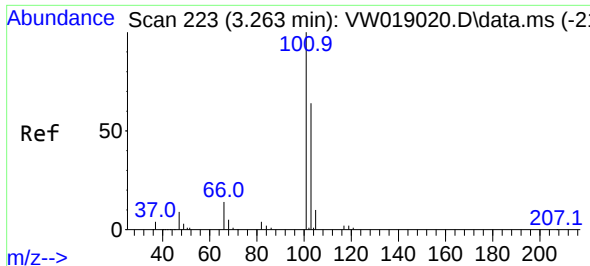
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#6
Chloroethane
Concen: 4.75 ug/l
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 64 Resp: 13560
Ion Ratio Lower Upper
64 100
66 38.9 25.9 38.9#





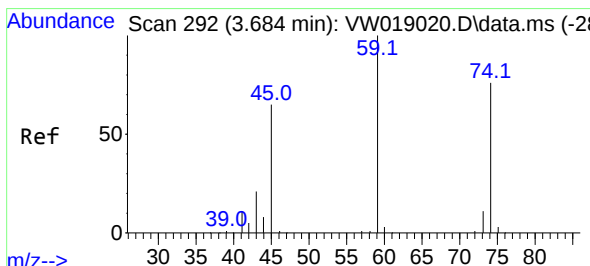
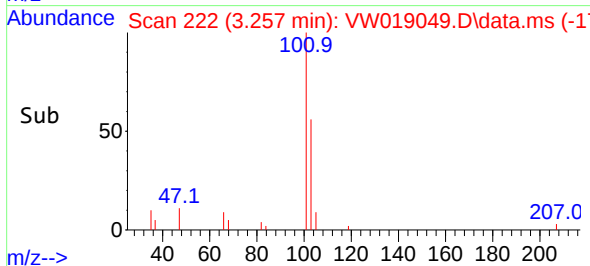
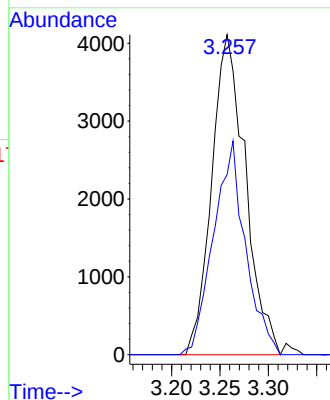
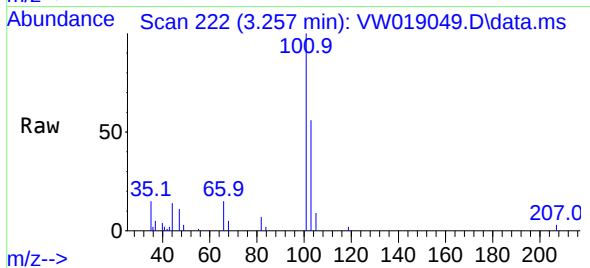
#7
Trichlorofluoromethane
Concen: 4.36 ug/l
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 101 Resp: 9958
Ion Ratio Lower Upper
101 100
103 56.3 51.4 77.2

Instrument :
MSVOA_W
ClientSampleId :
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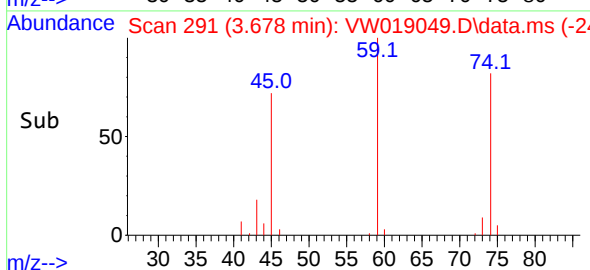
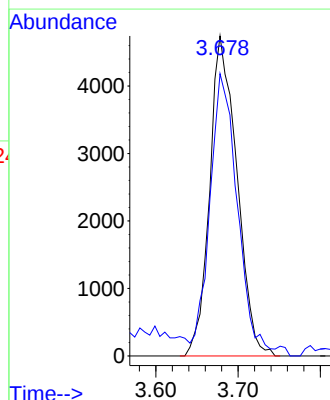
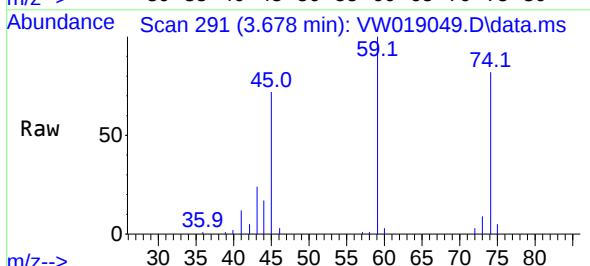
Manual Integrations
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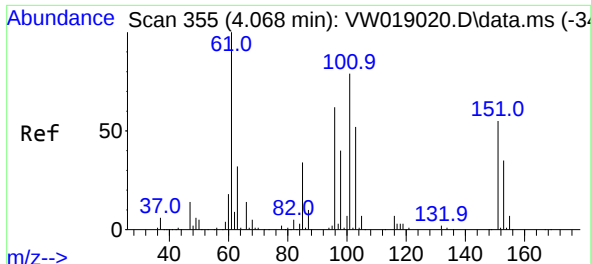
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#8
Diethyl Ether
Concen: 5.49 ug/l
RT: 3.678 min Scan# 291
Delta R.T. -0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 74 Resp: 10913
Ion Ratio Lower Upper
74 100
45 90.3 43.3 129.8





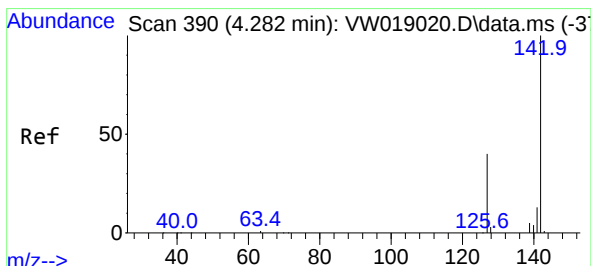
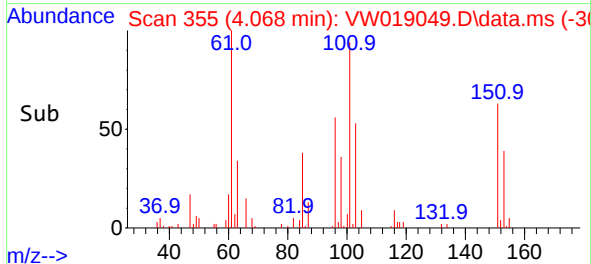
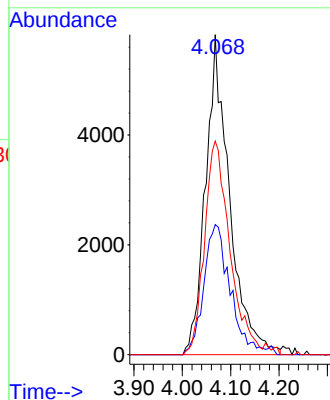
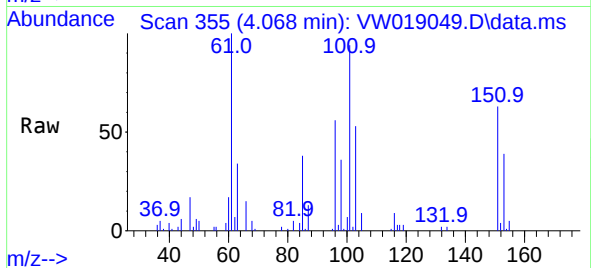
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.41 ug/l
RT: 4.068 min Scan# 355
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion:	101	Resp:	20008
Ion	Ratio	Lower	Upper
101	100		
85	44.8	35.9	53.9
151	70.7	59.8	89.6

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

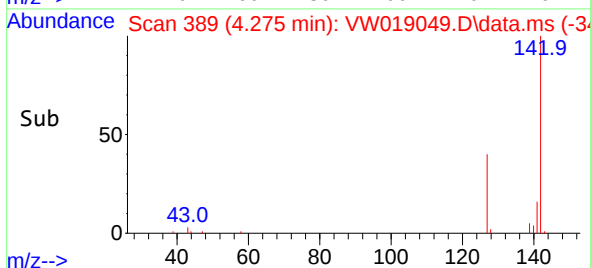
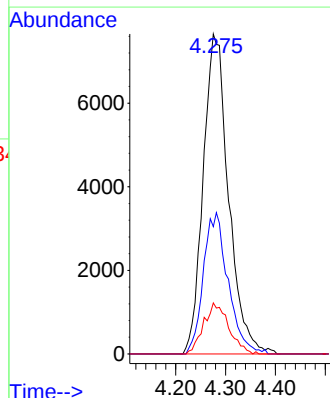
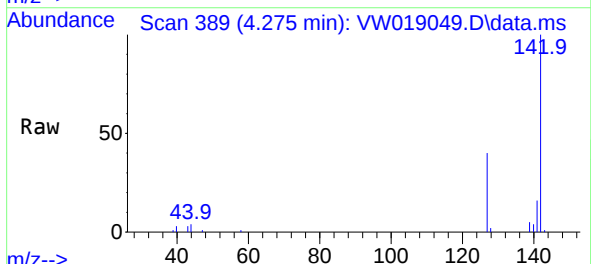
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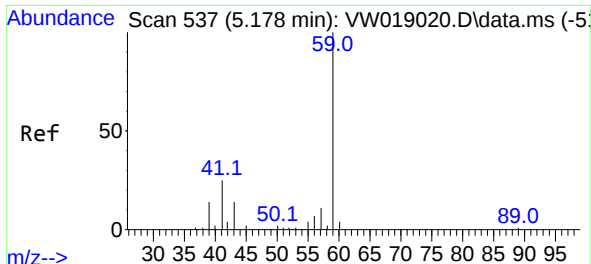
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#10
Methyl Iodide
Concen: 4.98 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

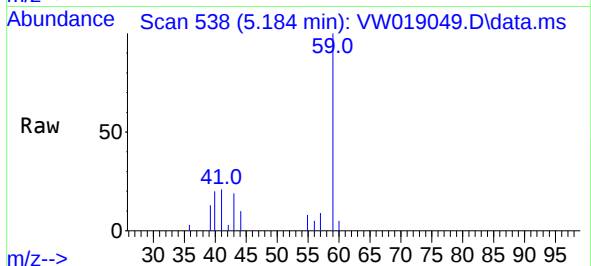
Tgt Ion:	142	Resp:	26997
Ion	Ratio	Lower	Upper
142	100		
127	43.1	33.7	50.5
141	15.8	11.2	16.8





#11
Tert butyl alcohol
Concen: 37.43 ug/l m
RT: 5.184 min Scan# 538
Delta R.T. 0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

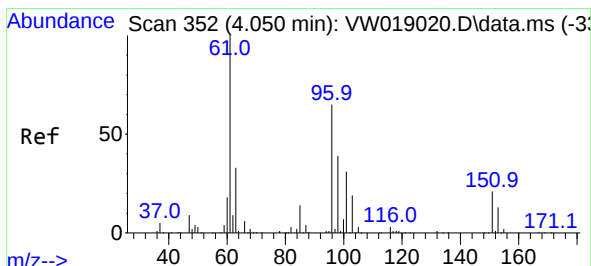
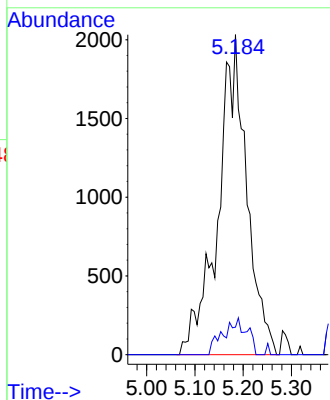
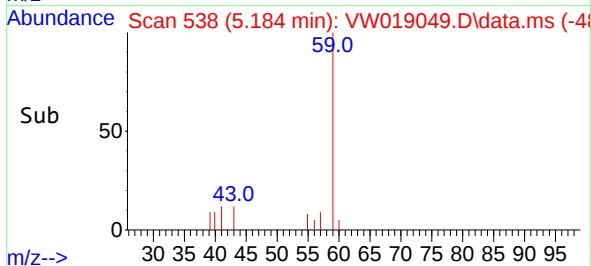
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



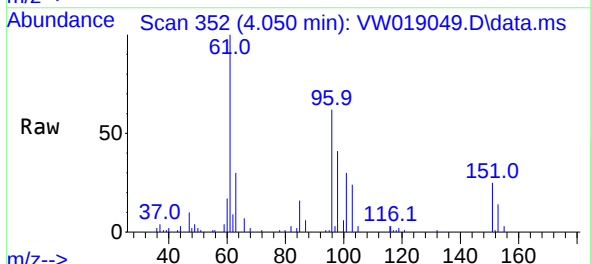
Tgt Ion: 59 Resp: 8414
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

Manual Integrations
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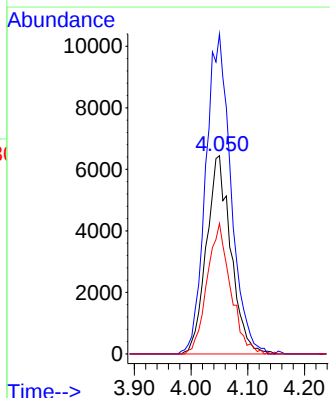
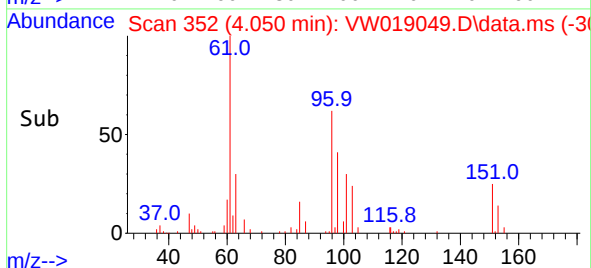
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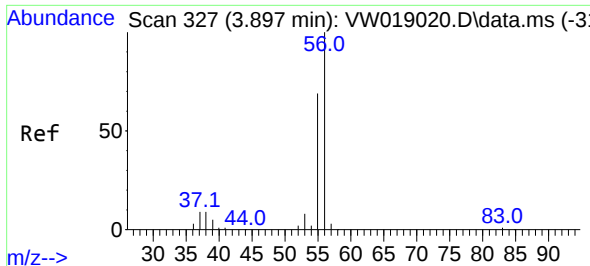


#12
1,1-Dichloroethene
Concen: 5.12 ug/l
RT: 4.050 min Scan# 352
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

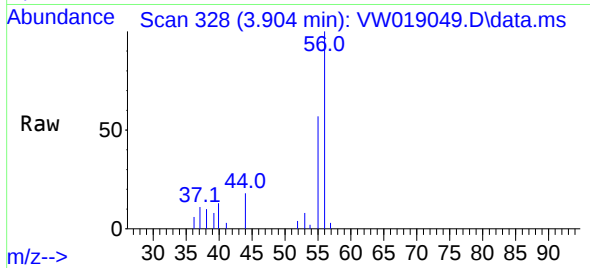


Tgt Ion: 96 Resp: 19303
Ion Ratio Lower Upper
96 100
61 161.5 123.0 184.4
98 65.9 47.5 71.3

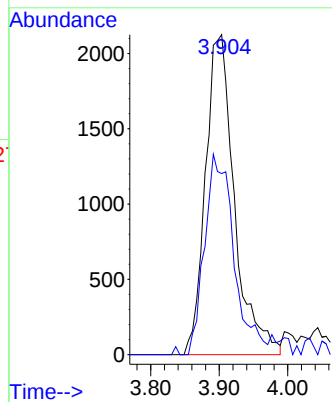




#13
Acrolein
Concen: 24.48 ug/l
RT: 3.904 min Scan# 328
Delta R.T. 0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



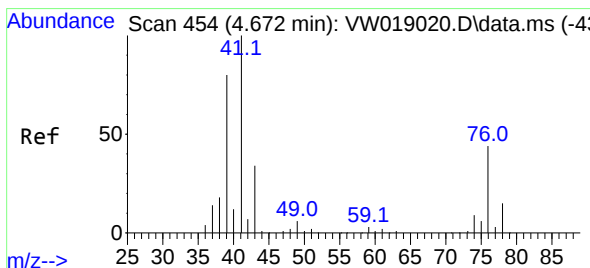
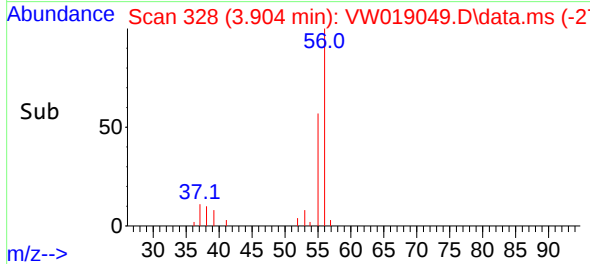
Tgt Ion: 56 Resp: 6242
Ion Ratio Lower Upper
56 100
55 63.1 56.7 85.1



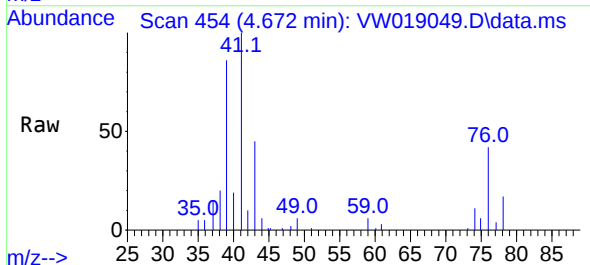
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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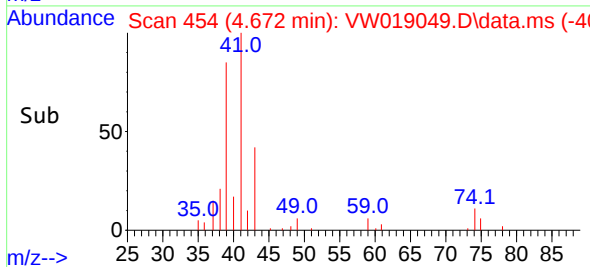
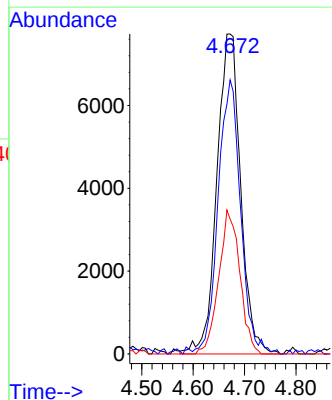
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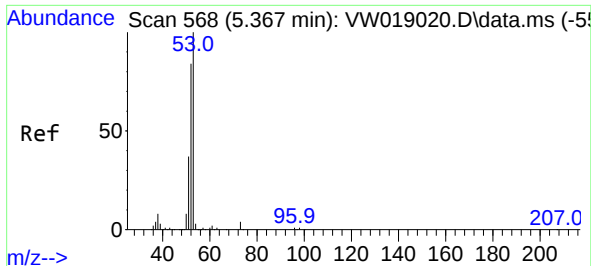


#14
Allyl chloride
Concen: 5.06 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



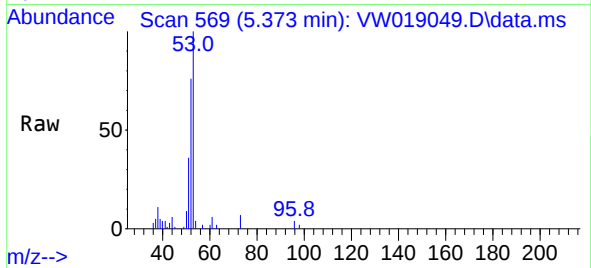
Tgt Ion: 41 Resp: 24812
Ion Ratio Lower Upper
41 100
39 81.0 63.9 95.9
76 39.9 35.1 52.7





#15
Acrylonitrile
Concen: 26.55 ug/l
RT: 5.373 min Scan# 569
Delta R.T. 0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

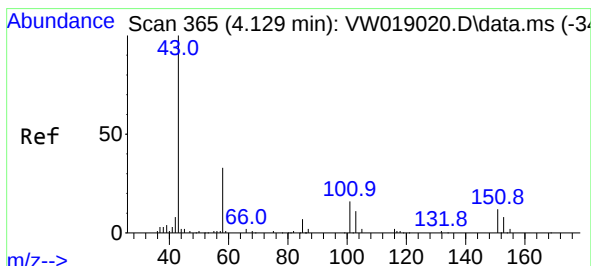
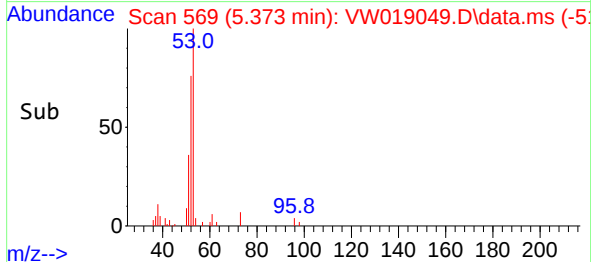
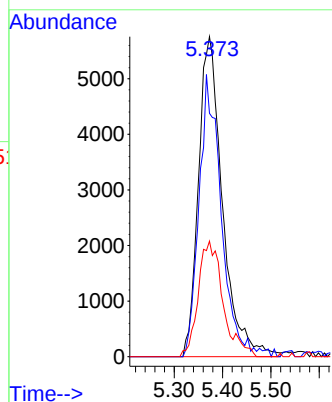


Tgt Ion: 53 Resp: 19787

Ion	Ratio	Lower	Upper
53	100		
52	80.8	66.5	99.7
51	37.3	29.8	44.8

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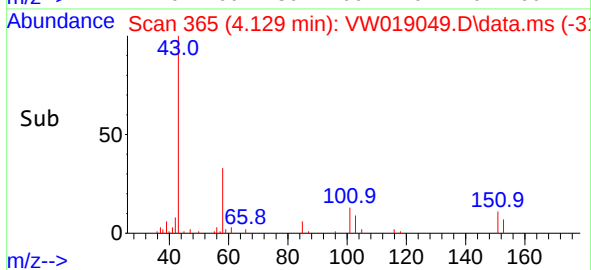
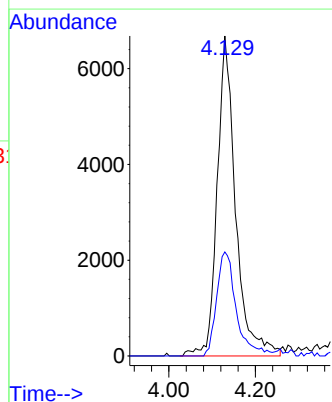
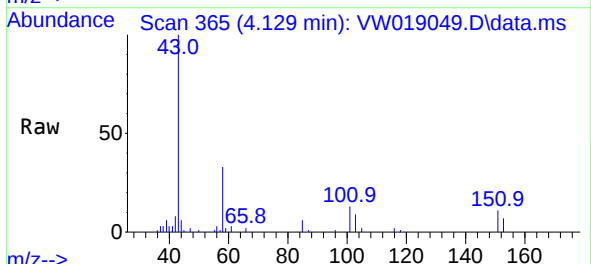
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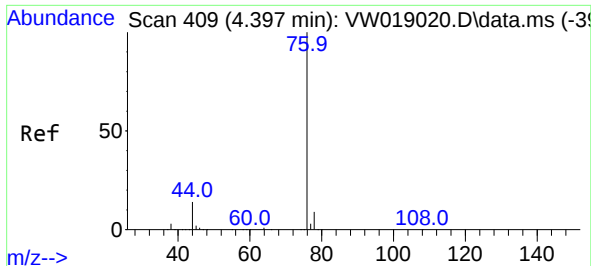


#16
Acetone
Concen: 32.64 ug/l
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 43 Resp: 19810

Ion	Ratio	Lower	Upper
43	100		
58	32.5	26.4	39.6





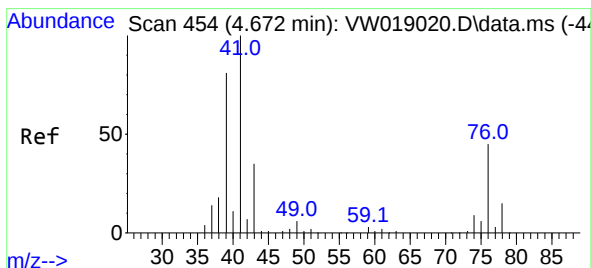
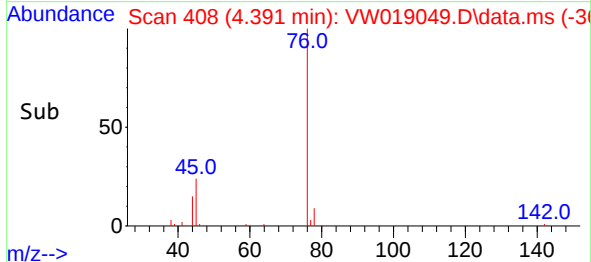
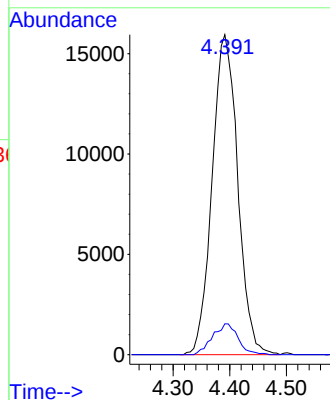
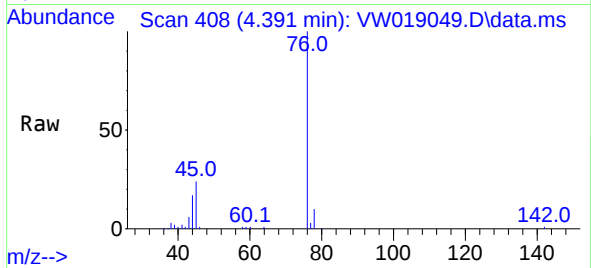
#17
Carbon Disulfide
Concen: 4.85 ug/l
RT: 4.391 min Scan# 408
Delta R.T. -0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 76 Resp: 49915
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

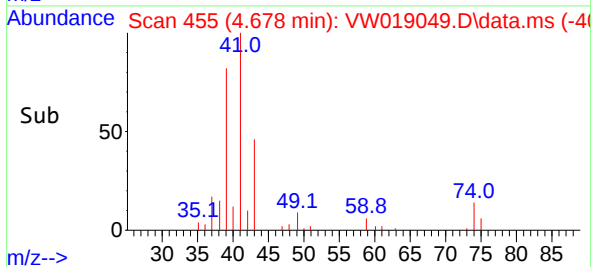
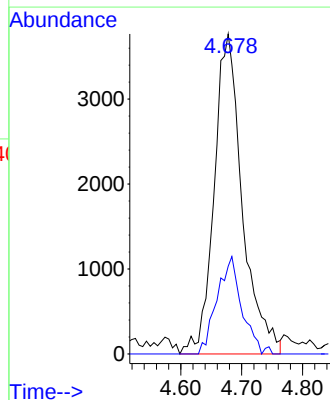
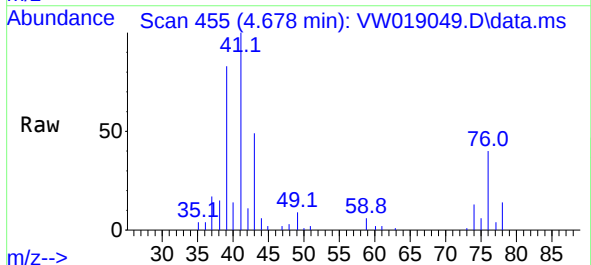
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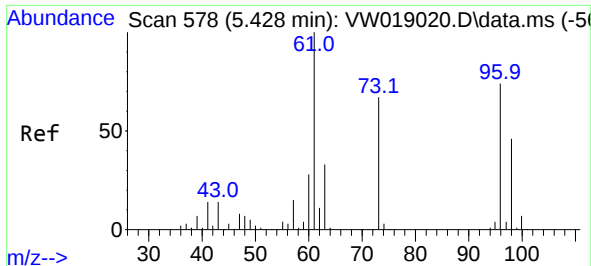
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#18
Methyl Acetate
Concen: 6.77 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 43 Resp: 12090
Ion Ratio Lower Upper
43 100
74 26.9 21.8 32.8





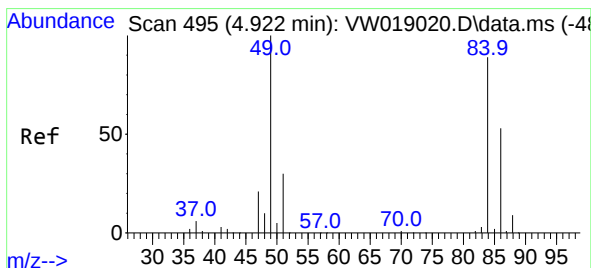
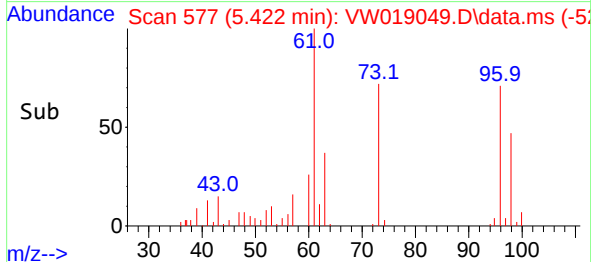
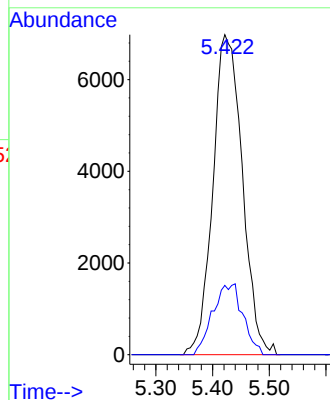
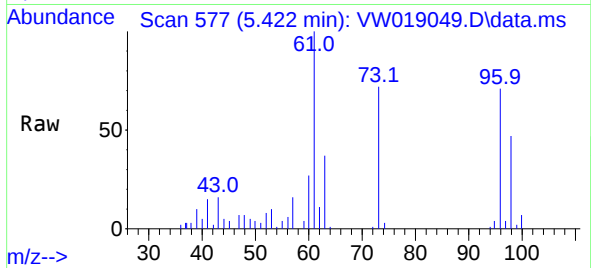
#19
Methyl tert-butyl Ether
Concen: 5.31 ug/l
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 73 Resp: 25147
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.0

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

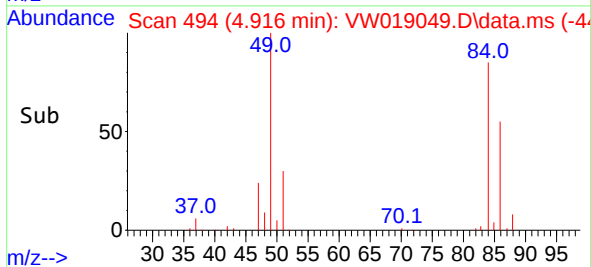
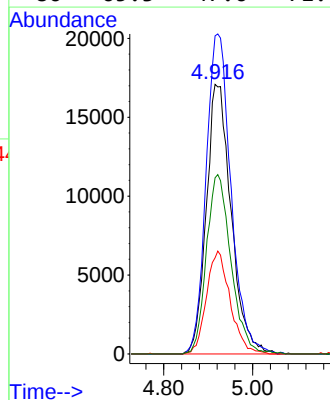
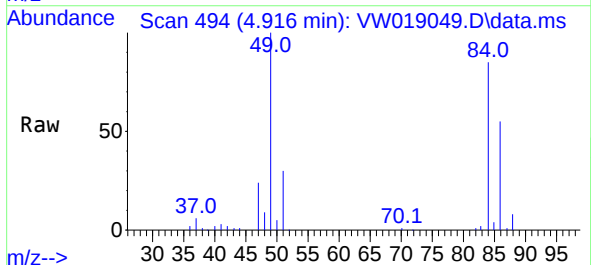
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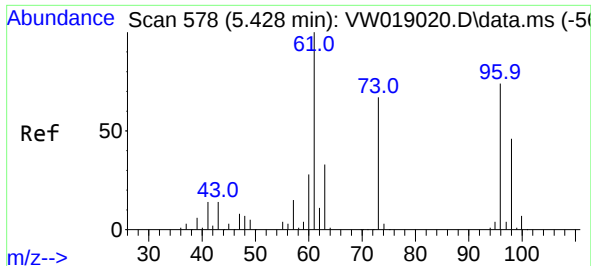
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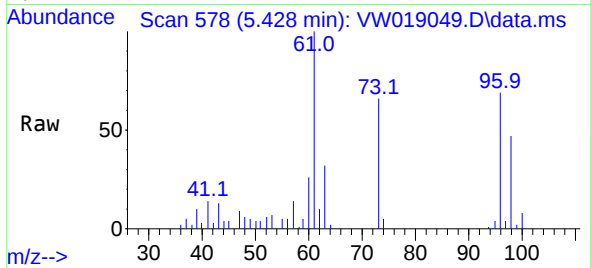
#20
Methylene Chloride
Concen: 12.17 ug/l
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 84 Resp: 66262
Ion Ratio Lower Upper
84 100
49 118.0 90.4 135.6
51 35.7 27.1 40.7
86 65.3 47.6 71.4

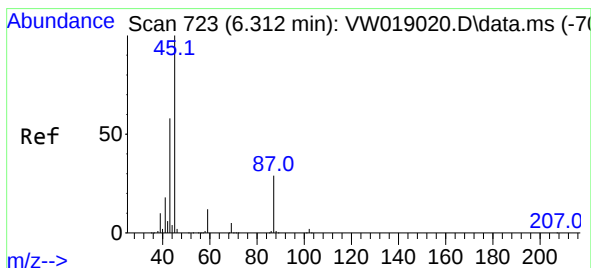
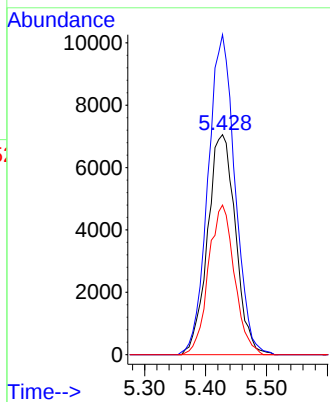
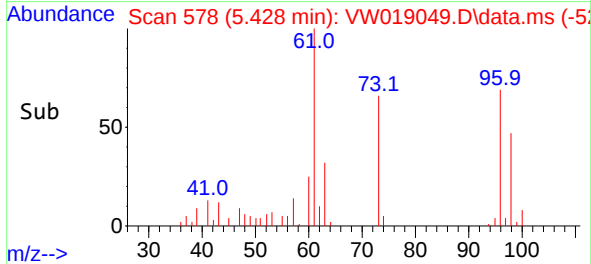




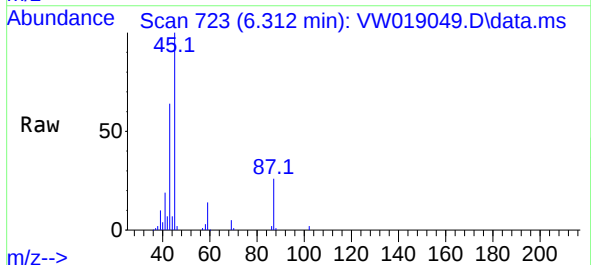
#21
trans-1,2-Dichloroethene
Concen: 5.21 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



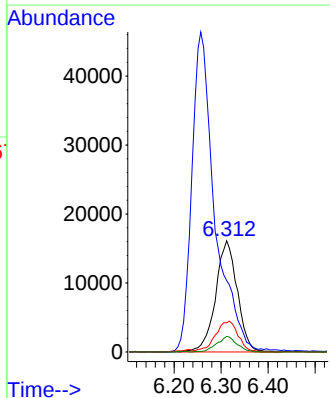
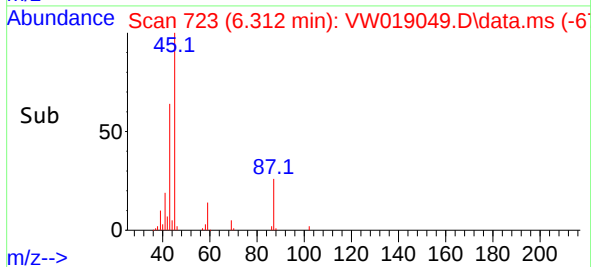
Tgt Ion: 96 Resp: 22450
Ion Ratio Lower Upper
96 100
61 145.4 108.5 162.7
98 68.0 49.4 74.0



#22
Diisopropyl ether
Concen: 5.19 ug/l
RT: 6.312 min Scan# 723
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



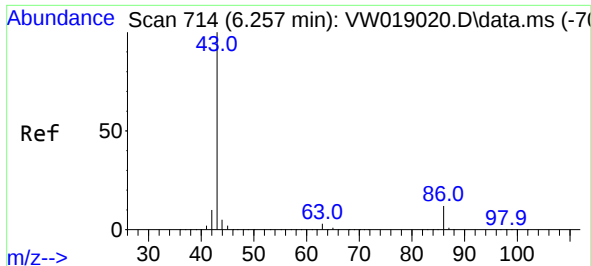
Tgt Ion: 45 Resp: 51753
Ion Ratio Lower Upper
45 100
43 62.4 46.1 69.1
87 26.1 23.4 35.2
59 13.9 9.7 14.5



Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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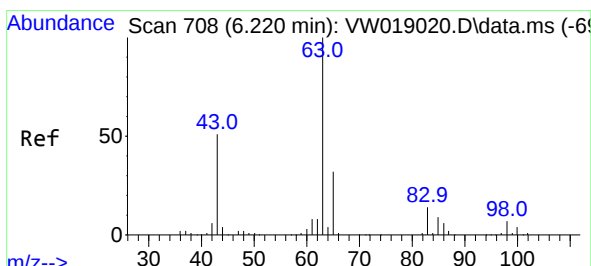
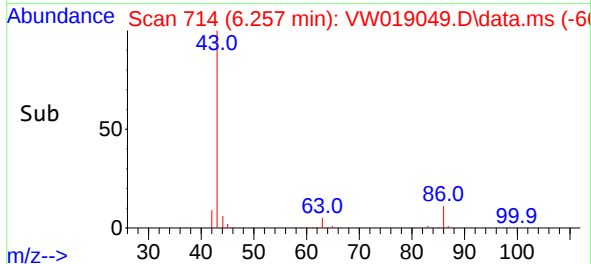
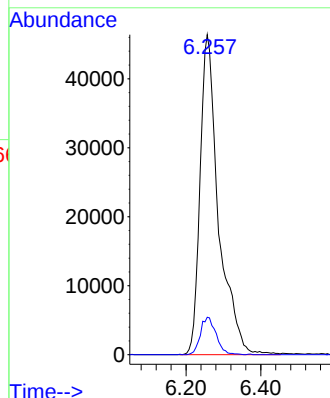
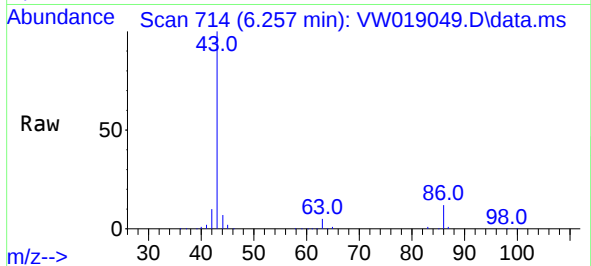
#23
 Vinyl Acetate
 Concen: 23.73 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW019049.D
 Acq: 20 May 2021 18:52

Tgt Ion: 43 Resp: 159306
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.6 14.4

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

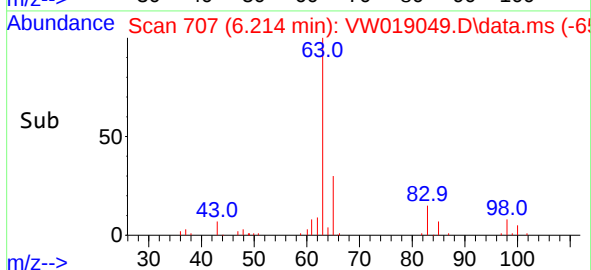
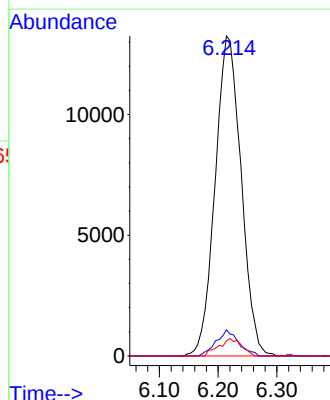
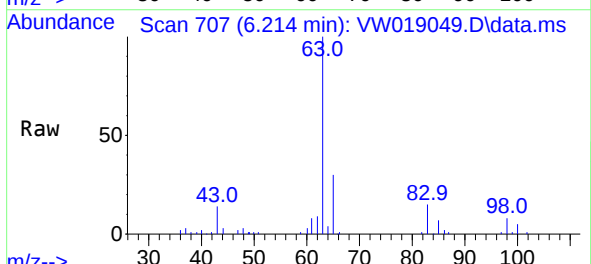
Manual Integrations
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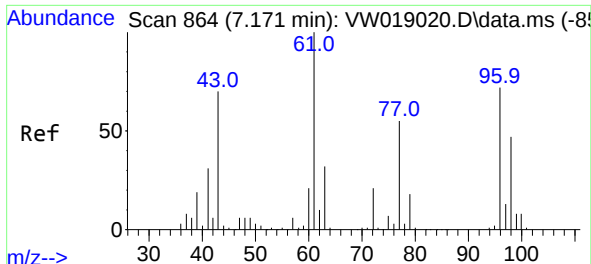
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#24
 1,1-Dichloroethane
 Concen: 5.27 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. -0.006 min
 Lab File: VW019049.D
 Acq: 20 May 2021 18:52

Tgt Ion: 63 Resp: 40697
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.9
 100 4.7 2.3 6.8





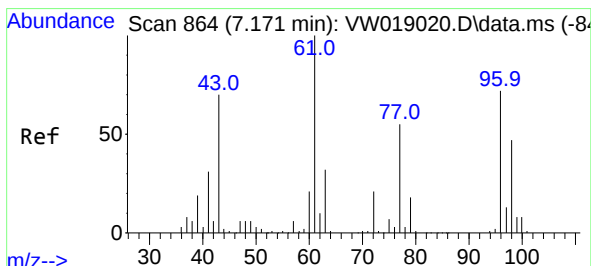
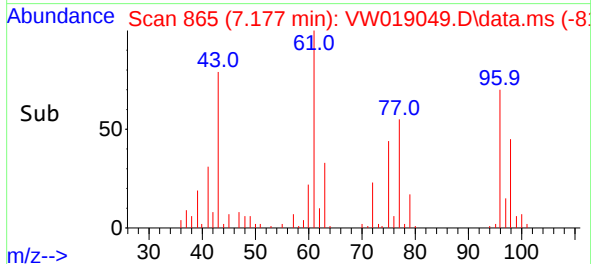
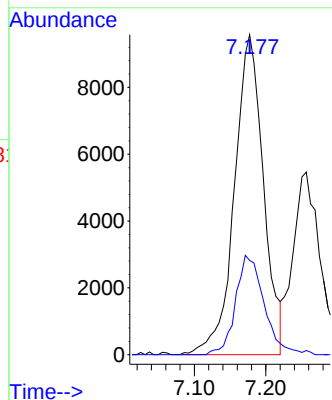
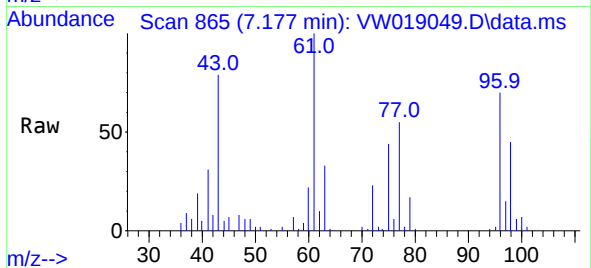
#25
2-Butanone
Concen: 27.12 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 43 Resp: 27035
Ion Ratio Lower Upper
43 100
72 29.4 24.0 36.0

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

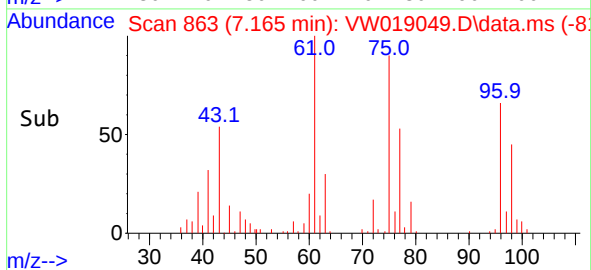
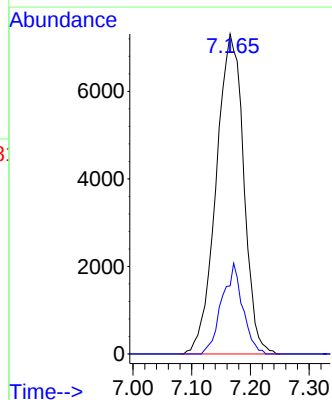
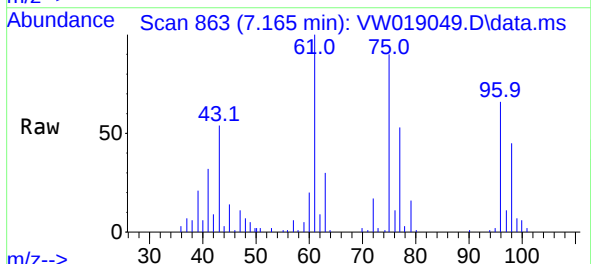
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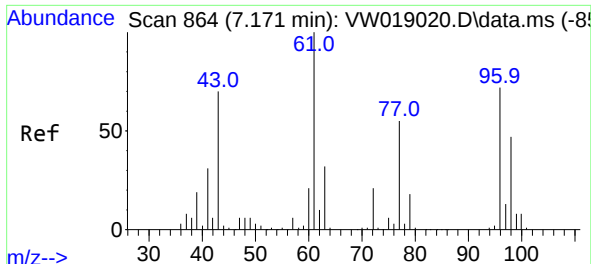
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#26
2,2-Dichloropropane
Concen: 5.71 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 77 Resp: 23778
Ion Ratio Lower Upper
77 100
97 21.5 11.8 35.3





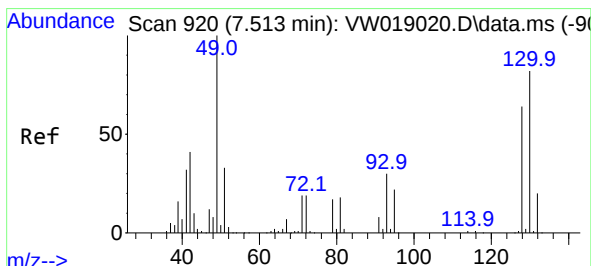
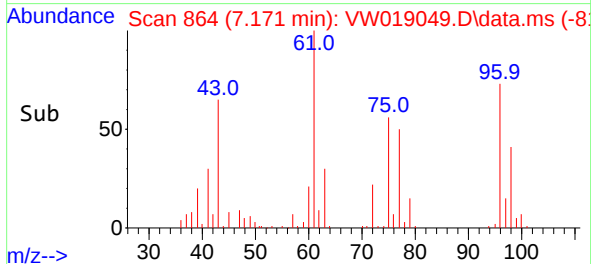
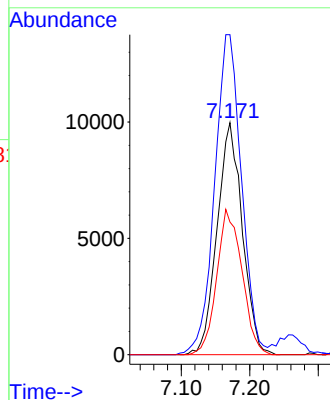
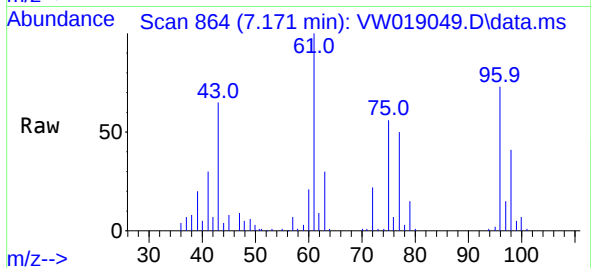
#27
 cis-1,2-Dichloroethene
 Concen: 5.33 ug/l
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW019049.D
 Acq: 20 May 2021 18:52

Tgt Ion: 96 Resp: 25481
 Ion Ratio Lower Upper
 96 100
 61 146.8 0.0 281.2
 98 62.7 0.0 127.4

Instrument :
 MSVOA_W
 ClientSampleId :
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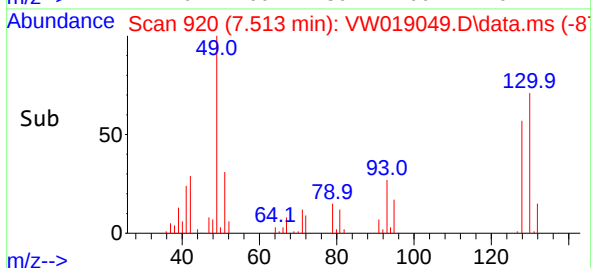
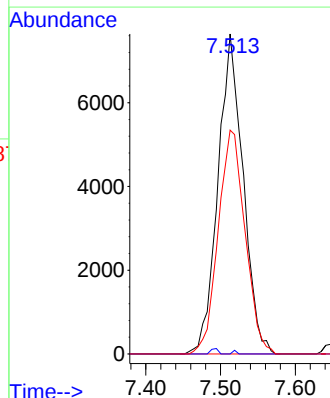
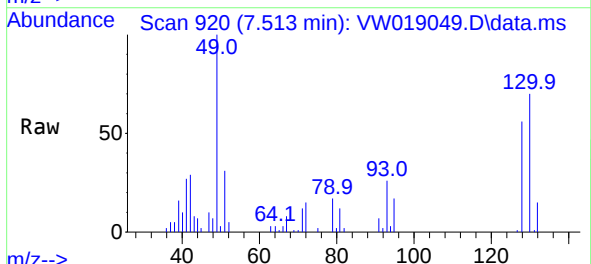
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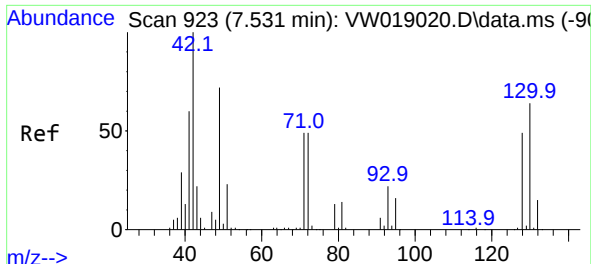
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#28
 Bromochloromethane
 Concen: 5.69 ug/l
 RT: 7.513 min Scan# 920
 Delta R.T. -0.000 min
 Lab File: VW019049.D
 Acq: 20 May 2021 18:52

Tgt Ion: 49 Resp: 17889
 Ion Ratio Lower Upper
 49 100
 129 0.2 0.0 4.4
 130 74.7 63.0 94.4





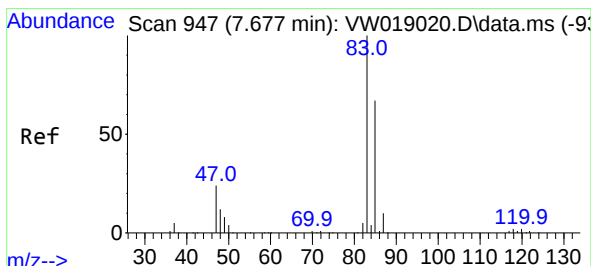
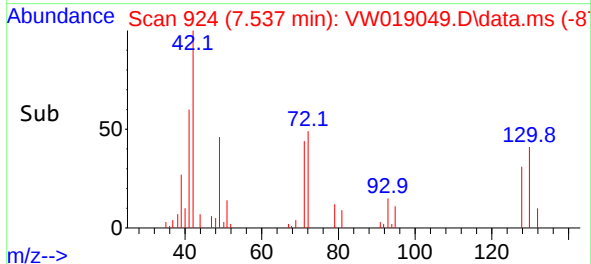
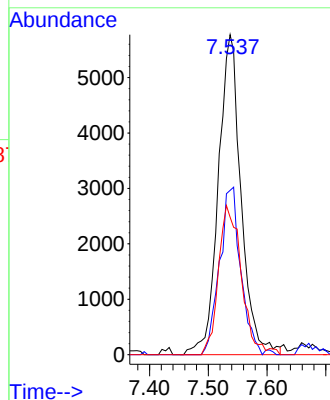
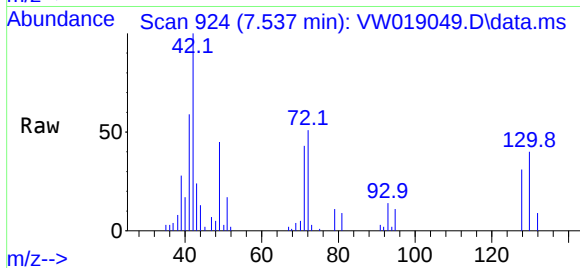
#29
Tetrahydrofuran
Concen: 26.65 ug/l
RT: 7.537 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 42 Resp: 15540
Ion Ratio Lower Upper
42 100
72 48.5 40.1 60.1
71 47.1 38.3 57.5

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

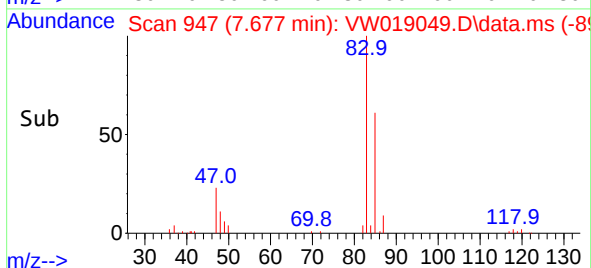
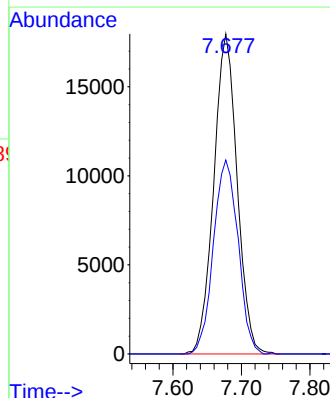
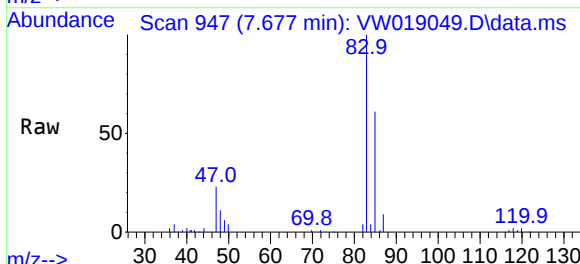
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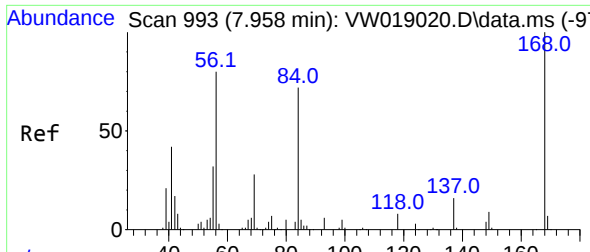
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#30
Chloroform
Concen: 5.43 ug/l
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

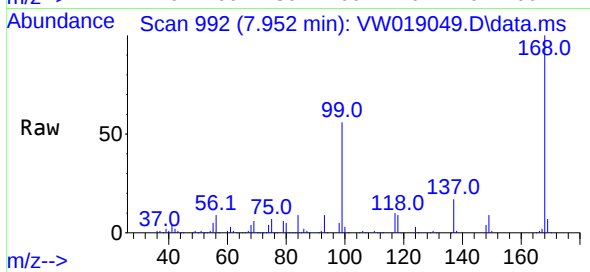
Tgt Ion: 83 Resp: 42618
Ion Ratio Lower Upper
83 100
85 60.6 53.4 80.0





#31
Cyclohexane
Concen: 6.04 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

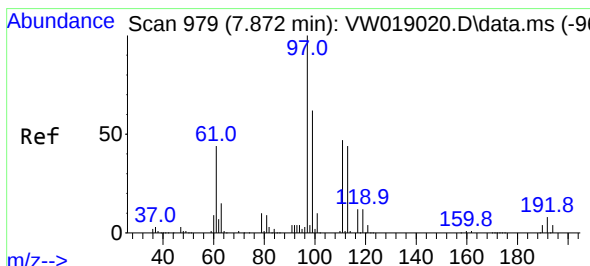
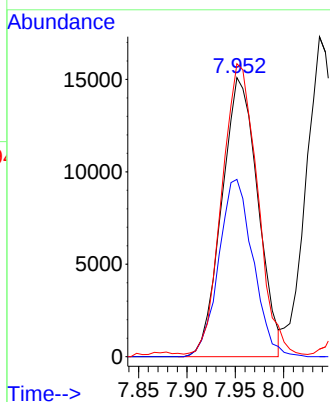
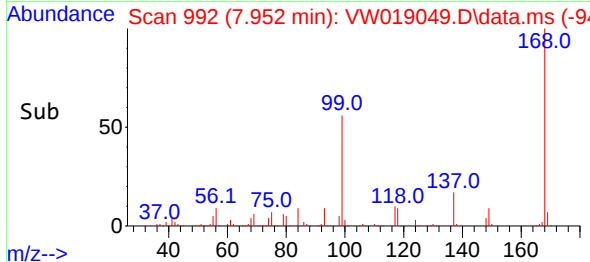
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



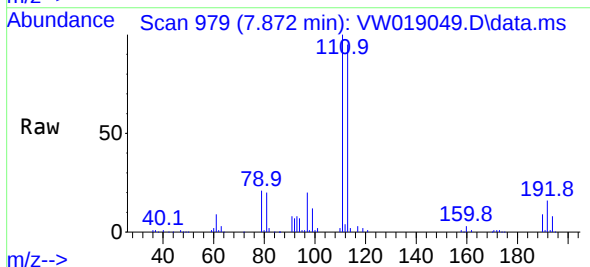
Tgt Ion: 56 Resp: 39043
Ion Ratio Lower Upper
56 100
69 63.5 28.4 42.6#
84 103.8 72.3 108.5

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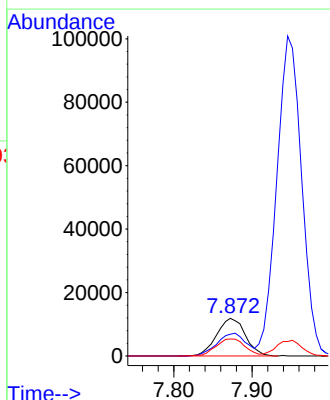
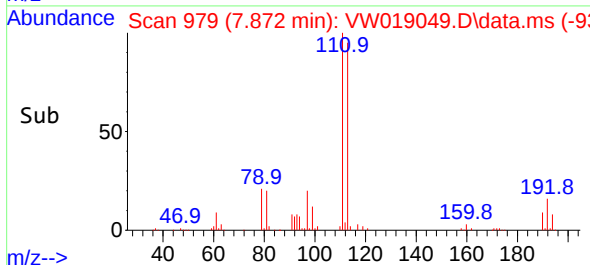
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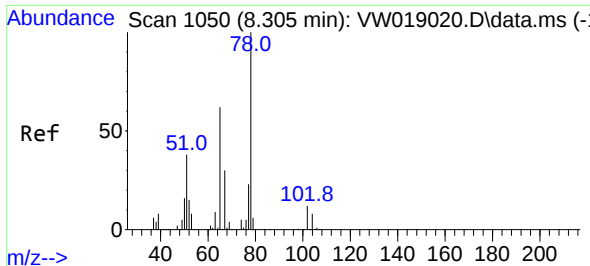


#32
1,1,1-Trichloroethane
Concen: 5.16 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

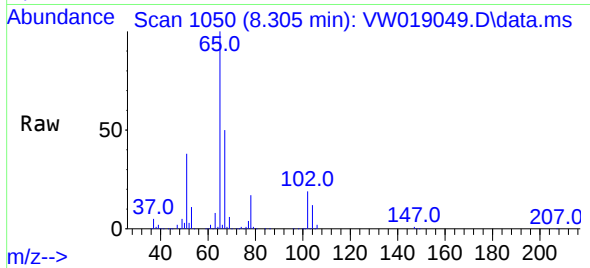


Tgt Ion: 97 Resp: 30123
Ion Ratio Lower Upper
97 100
99 61.4 52.2 78.4
61 46.2 36.7 55.1

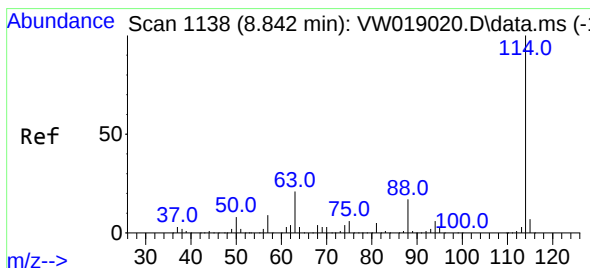
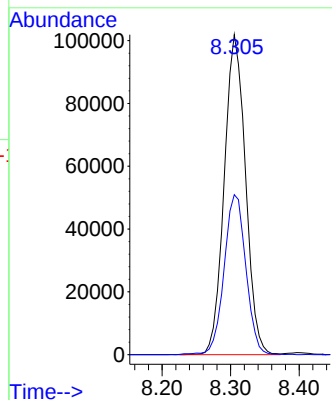
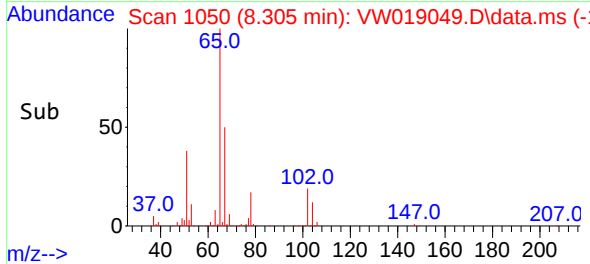




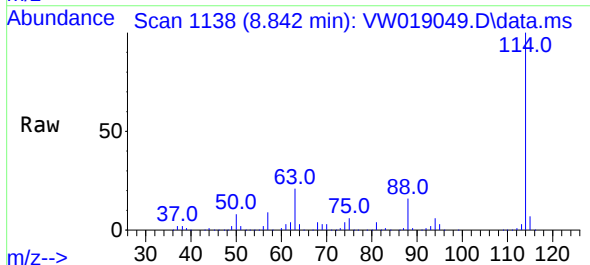
#33
1,2-Dichloroethane-d4
Concen: 56.83 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



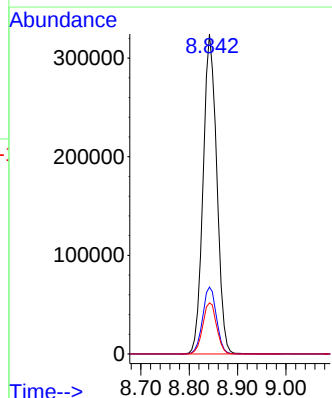
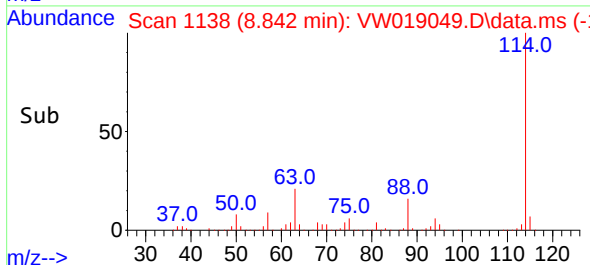
Tgt Ion: 65 Resp: 219401
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



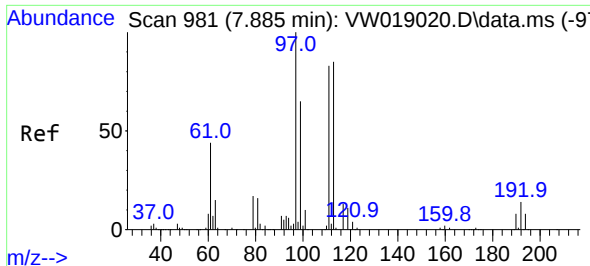
Tgt Ion: 114 Resp: 635759
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.4
88 15.9 0.0 33.2



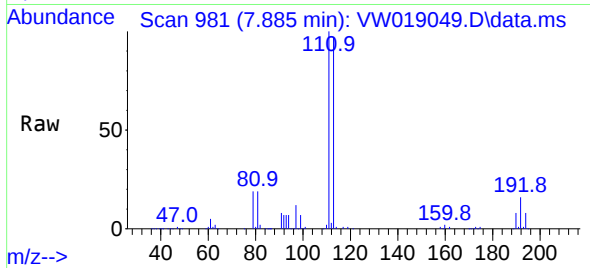
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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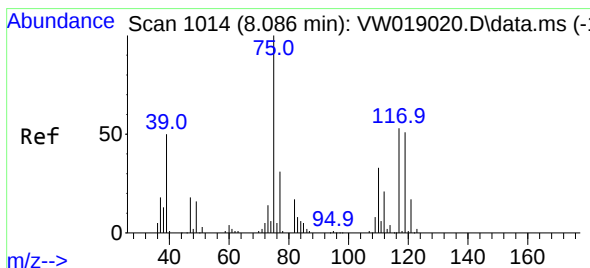
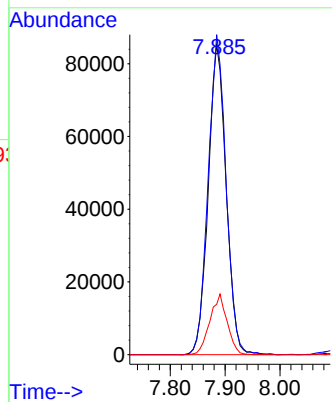
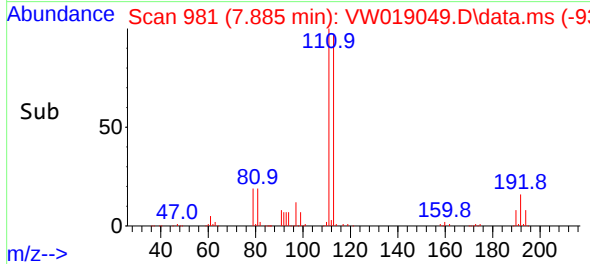
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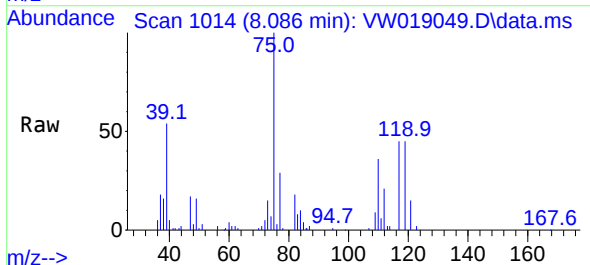
#35
Dibromofluoromethane
Concen: 54.59 ug/l
RT: 7.885 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



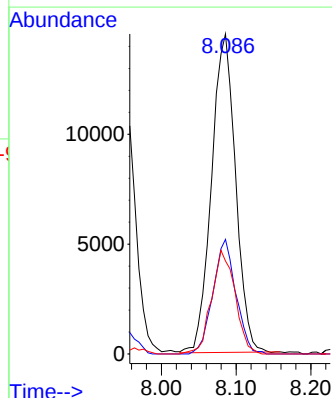
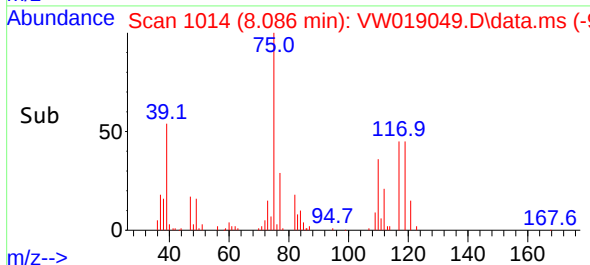
Tgt Ion: 113 Resp: 193235
Ion Ratio Lower Upper
113 100
111 103.0 82.3 123.5
192 18.8 15.3 22.9



#36
1,1-Dichloropropene
Concen: 5.13 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



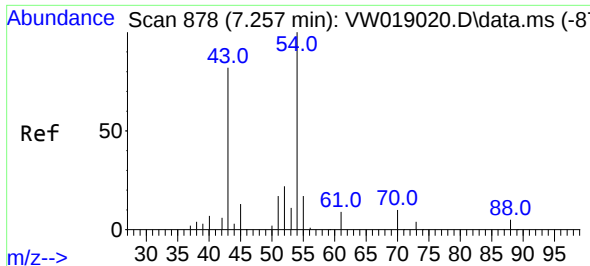
Tgt Ion: 75 Resp: 32473
Ion Ratio Lower Upper
75 100
110 34.3 17.1 51.2
77 31.9 25.3 37.9



Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
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#37

Ethyl Acetate

Concen: 5.90 ug/l

RT: 7.257 min Scan# 878

Delta R.T. -0.000 min

Lab File: VW019049.D

Acq: 20 May 2021 18:52

Tgt Ion:	43	Resp:	14445
Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.2	18.4
70	11.7	9.5	14.3

Instrument :

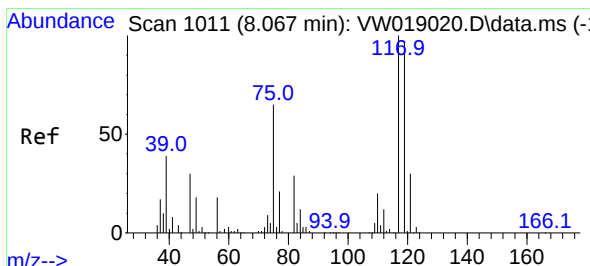
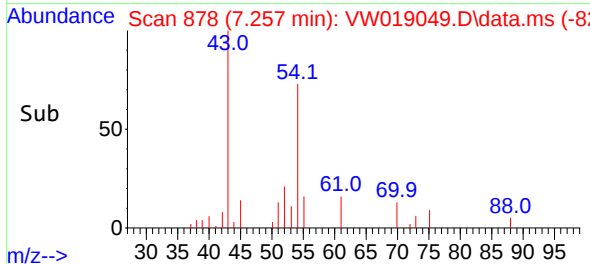
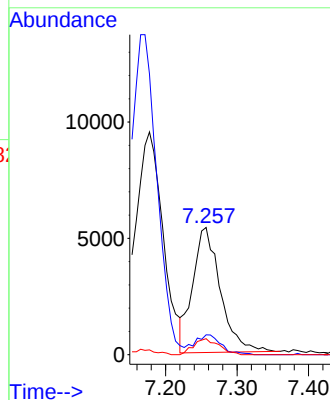
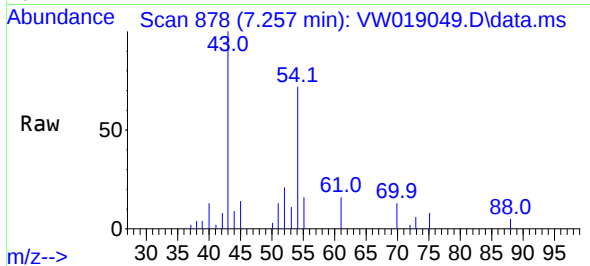
MSVOA_W

ClientSampleId :

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#38

Carbon Tetrachloride

Concen: 4.89 ug/l

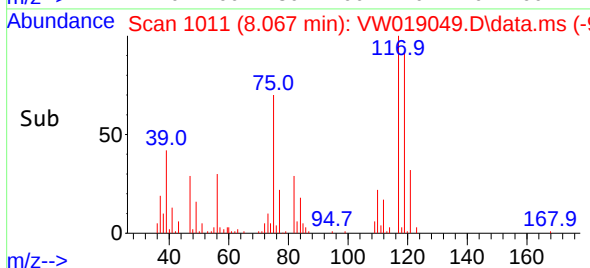
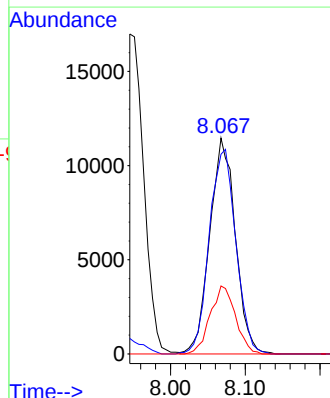
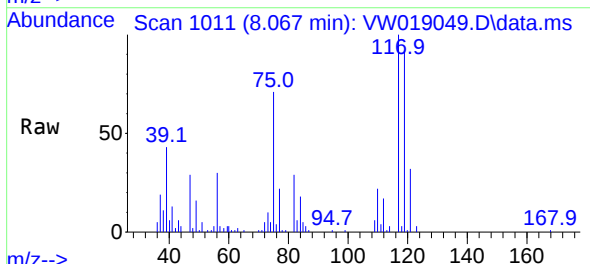
RT: 8.067 min Scan# 1011

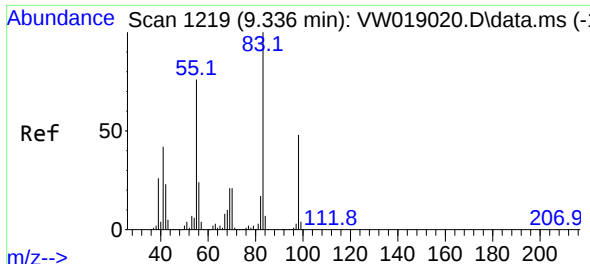
Delta R.T. -0.000 min

Lab File: VW019049.D

Acq: 20 May 2021 18:52

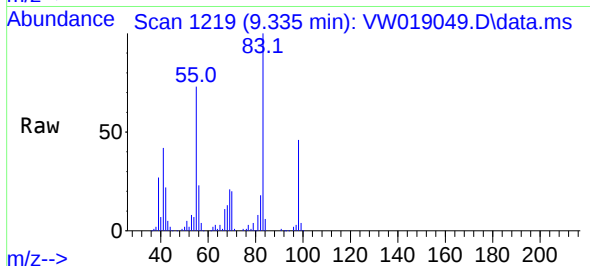
Tgt Ion:	117	Resp:	27290
Ion	Ratio	Lower	Upper
117	100		
119	92.5	77.4	116.0
121	31.5	23.6	35.4





#39
Methylcyclohexane
Concen: 5.05 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

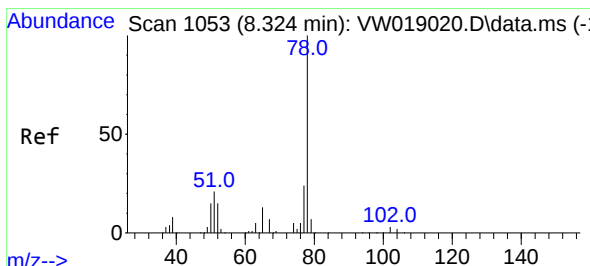
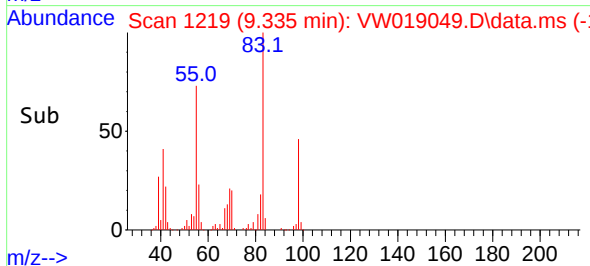
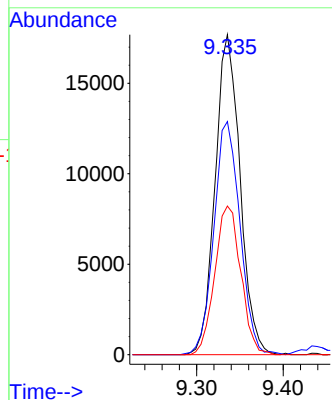
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion: 83 Resp: 35392
Ion Ratio Lower Upper
83 100
55 72.8 60.9 91.3
98 46.4 38.4 57.6

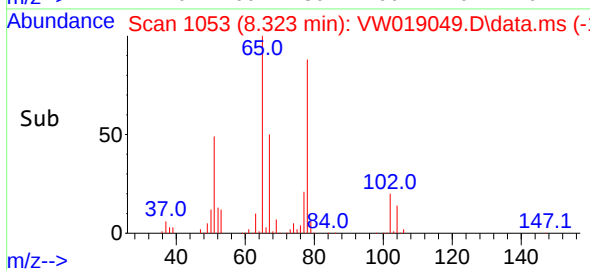
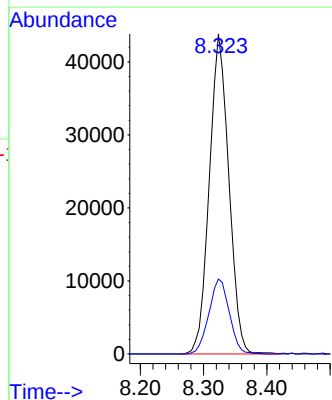
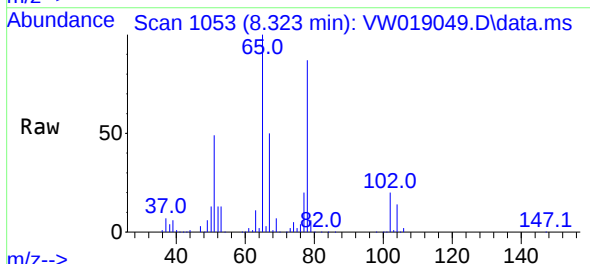
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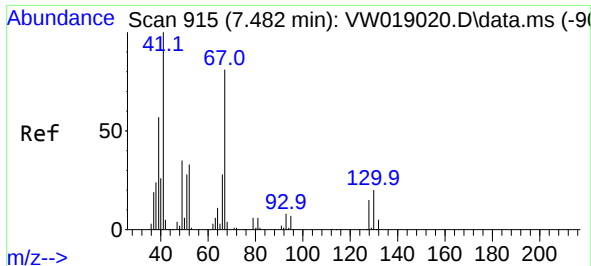
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#40
Benzene
Concen: 5.30 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 78 Resp: 93763
Ion Ratio Lower Upper
78 100
77 23.4 19.6 29.4





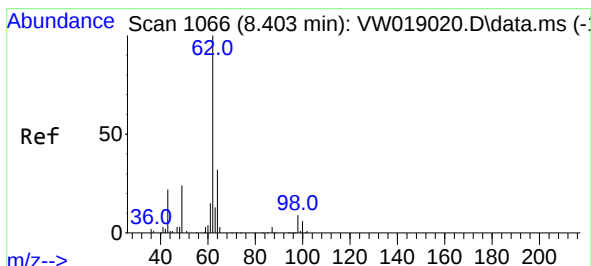
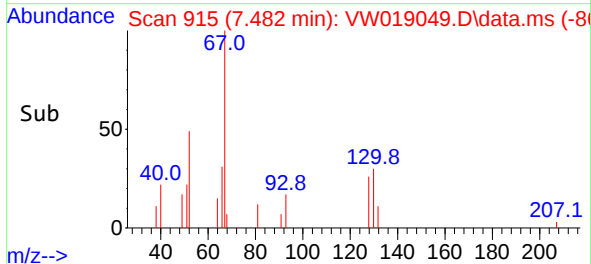
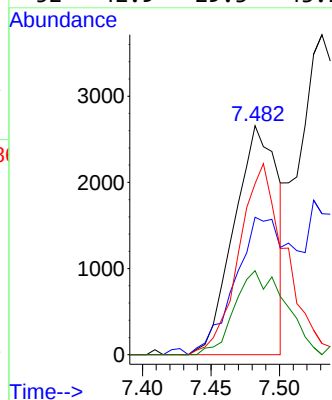
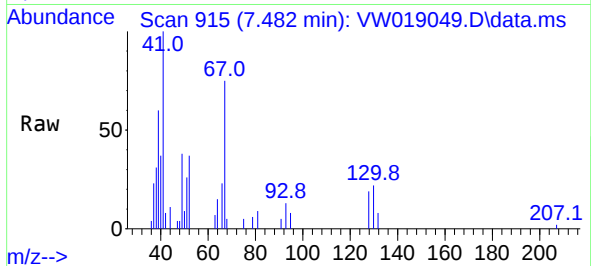
#41
Methacrylonitrile
Concen: 4.38 ug/l
RT: 7.482 min Scan# 915
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion:	41	Resp:	5858
Ion	Ratio	Lower	Upper
41	100		
39	76.7	50.1	75.1#
67	89.8	69.0	103.4
52	42.9	29.3	43.9

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

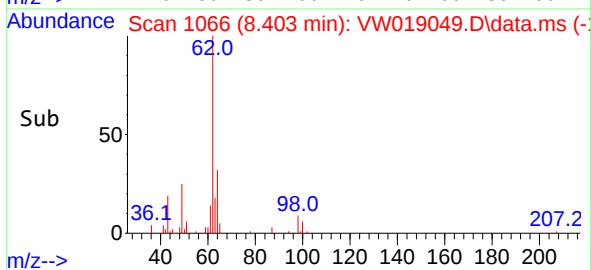
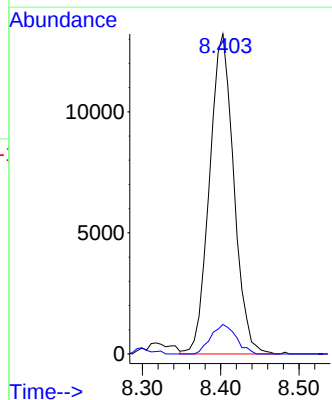
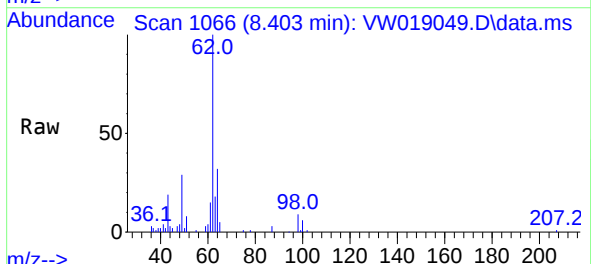
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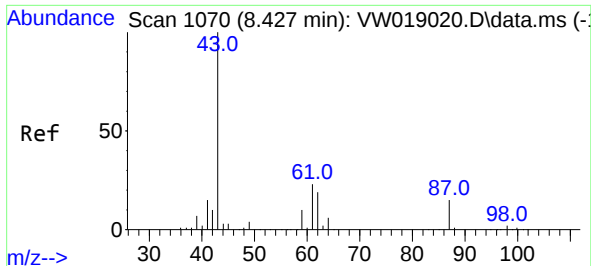
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#42
1,2-Dichloroethane
Concen: 5.43 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion:	62	Resp:	28462
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.0





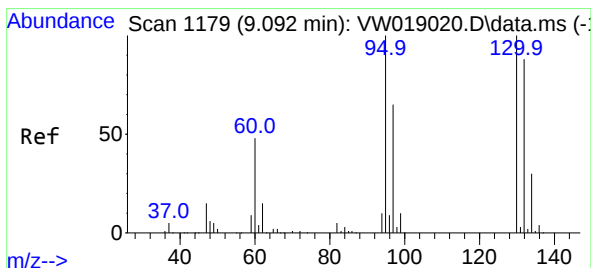
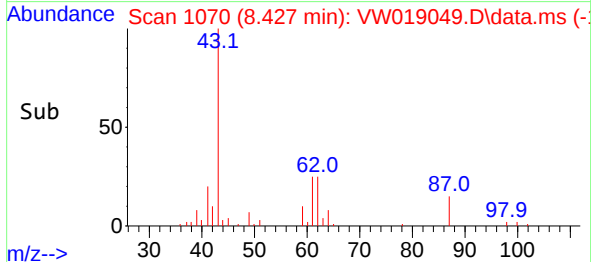
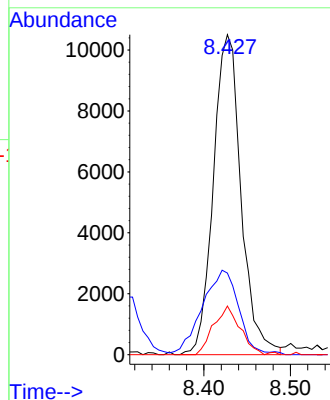
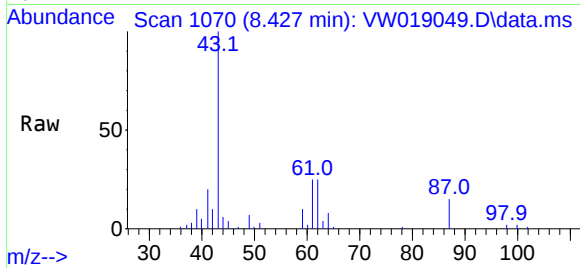
#43
Isopropyl Acetate
Concen: 5.12 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 43	Resp: 23372
Ion Ratio	Lower Upper
43 100	
61 34.7	27.0 40.6
87 14.5	11.6 17.4

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

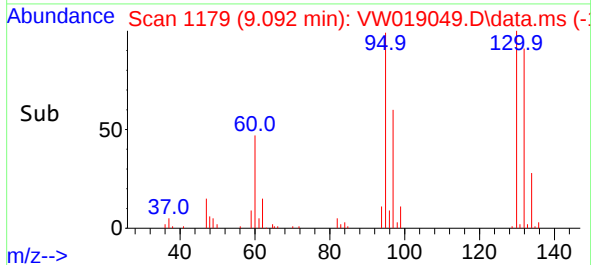
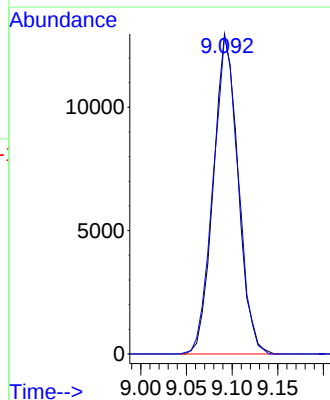
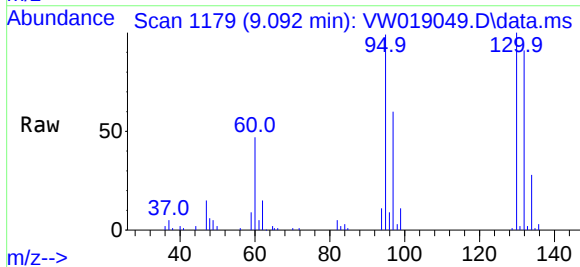
Manual Integrations
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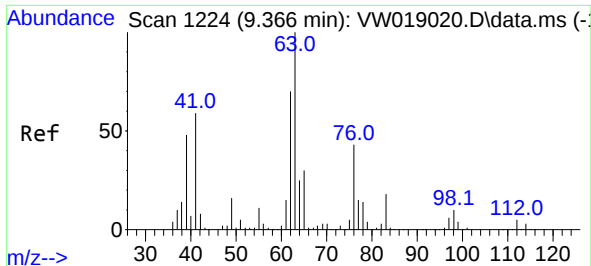
MMDadoda
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#44
Trichloroethene
Concen: 5.32 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion:130	Resp: 24284
Ion Ratio	Lower Upper
130 100	
95 99.4	0.0 199.0





#45

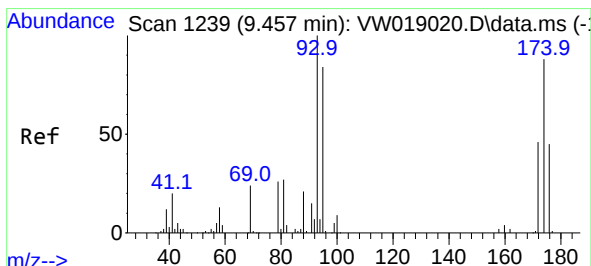
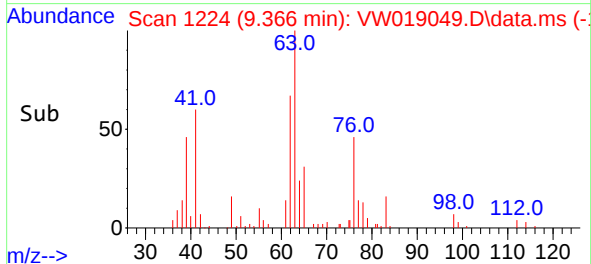
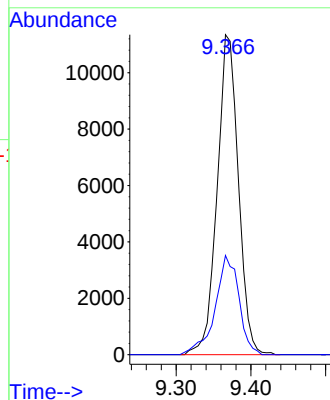
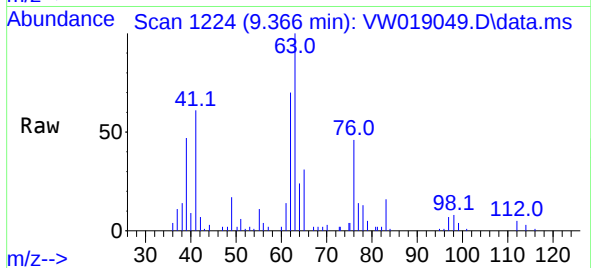
1,2-Dichloropropane
Concen: 5.24 ug/l
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 63 Resp: 22422
Ion Ratio Lower Upper
63 100
65 31.0 24.1 36.1

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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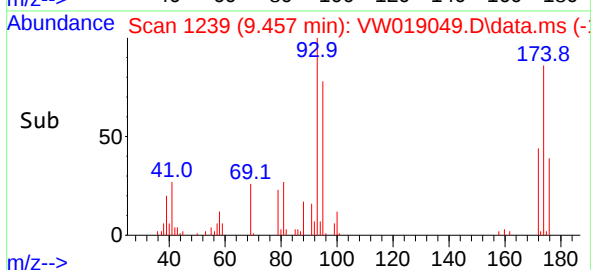
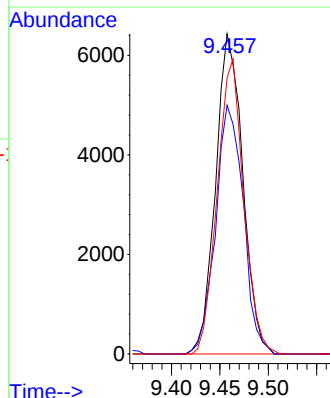
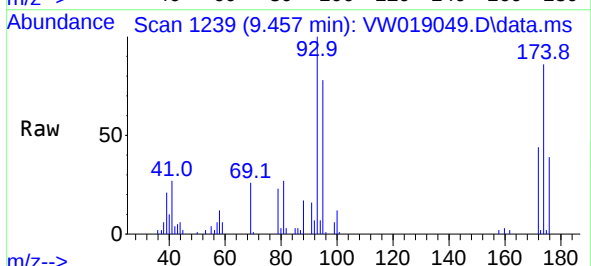
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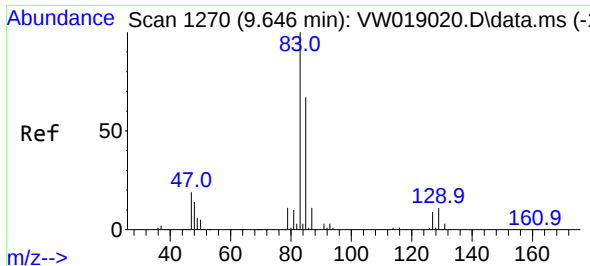


#46

Dibromomethane
Concen: 5.39 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 93 Resp: 12529
Ion Ratio Lower Upper
93 100
95 79.4 66.7 100.1
174 89.8 75.3 112.9





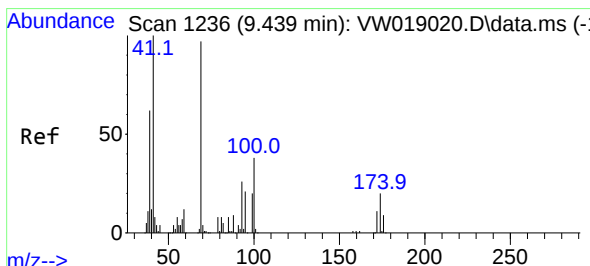
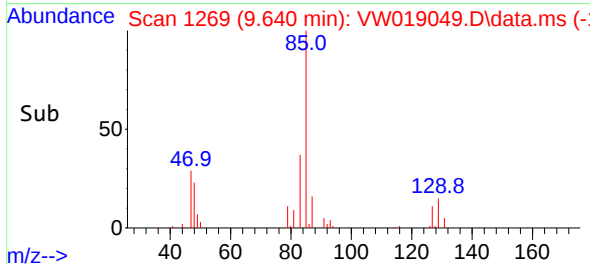
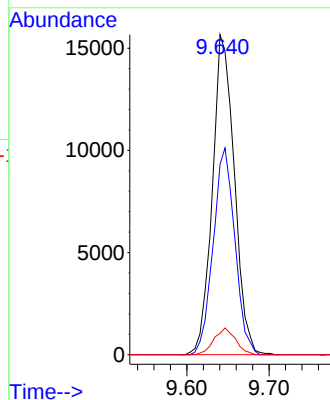
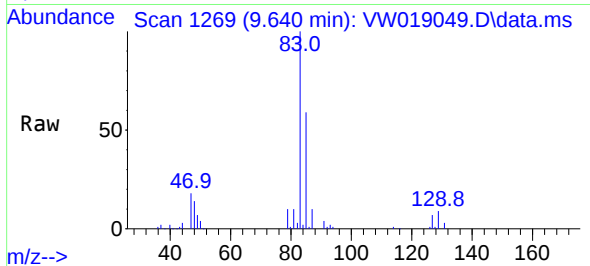
#47
Bromodichloromethane
Concen: 5.03 ug/l
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 83	Resp: 29086
Ion Ratio	Lower Upper
83 100	
85 59.5	53.4 80.2
127 6.7	7.0 10.6#

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

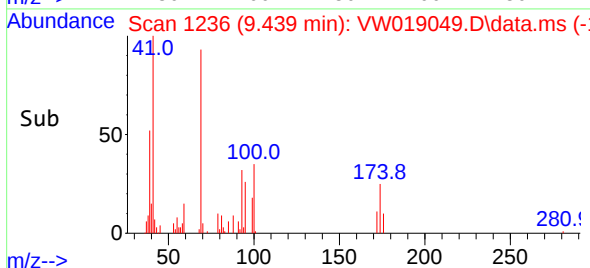
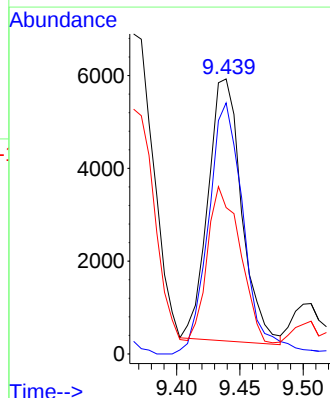
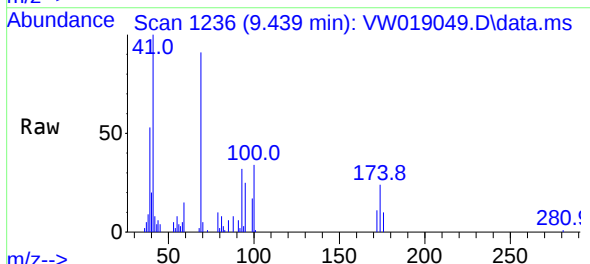
Manual Integrations
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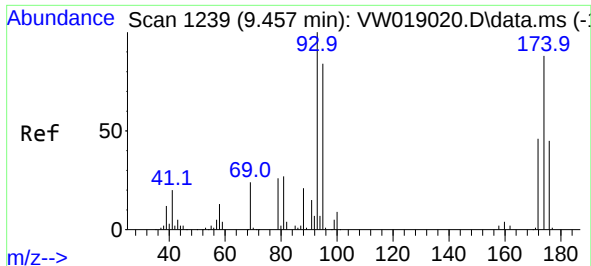
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#48
Methyl methacrylate
Concen: 4.99 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

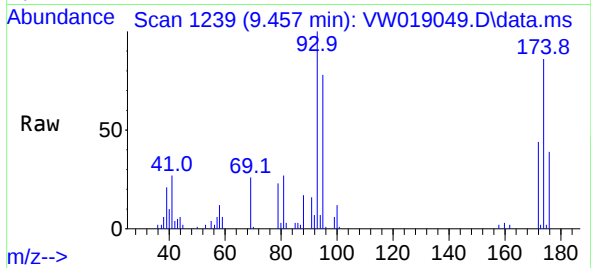
Tgt Ion: 41	Resp: 10477		
Ion Ratio	Lower	Upper	
41	100		
69	100.6	80.2	120.2
39	58.8	51.5	77.3





#49
1,4-Dioxane
Concen: 101.61 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

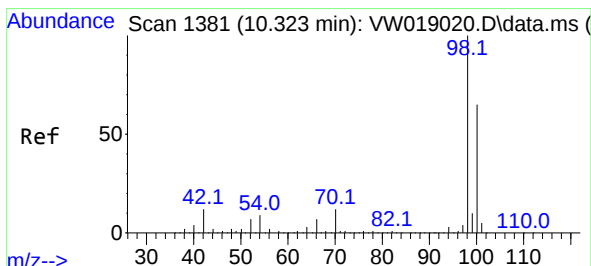
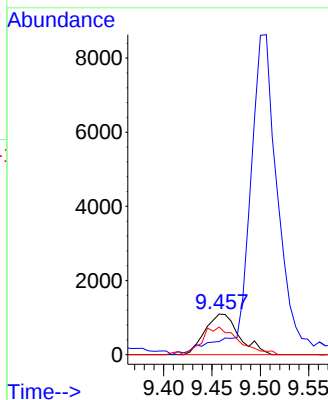
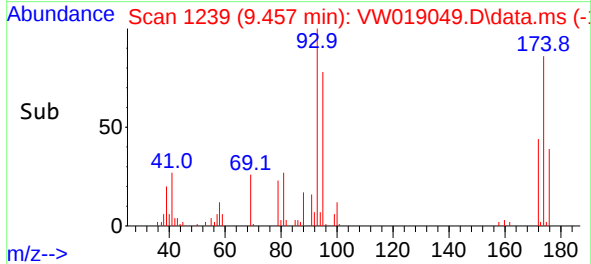
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



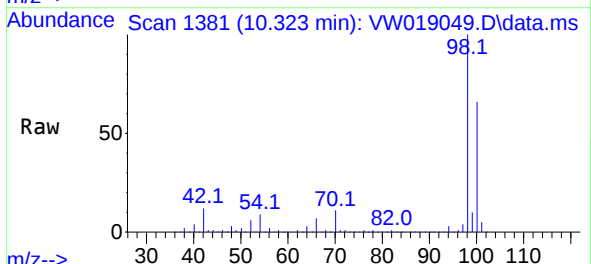
Tgt Ion: 88 Resp: 2692
Ion Ratio Lower Upper
88 100
43 0.0 22.1 33.1#
58 74.1 55.4 83.2

Manual Integrations
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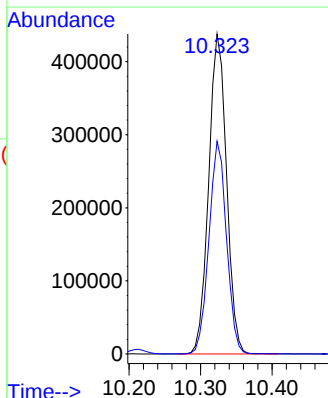
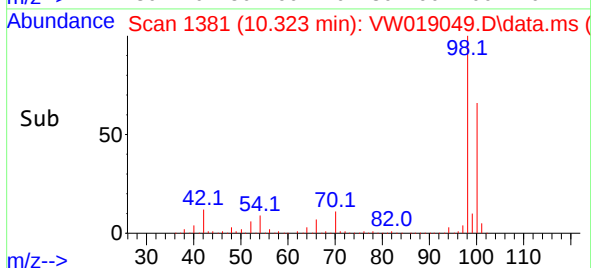
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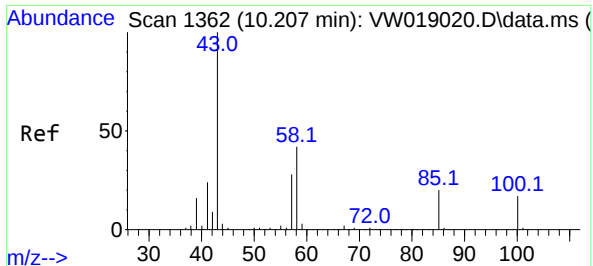


#50
Toluene-d8
Concen: 54.51 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



Tgt Ion: 98 Resp: 759432
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0





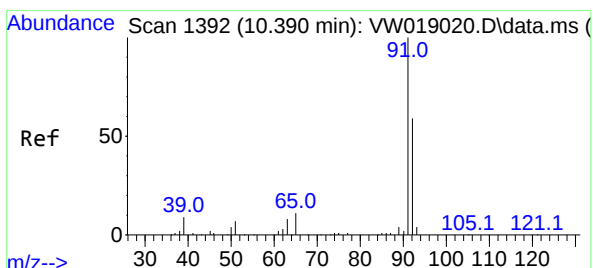
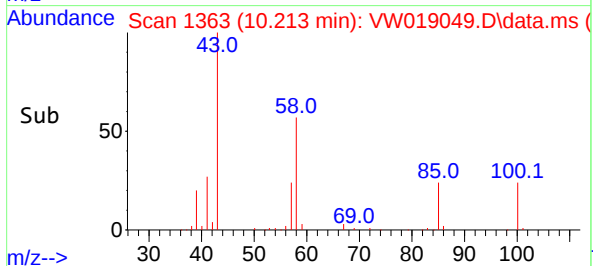
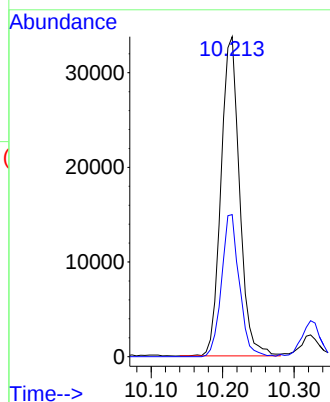
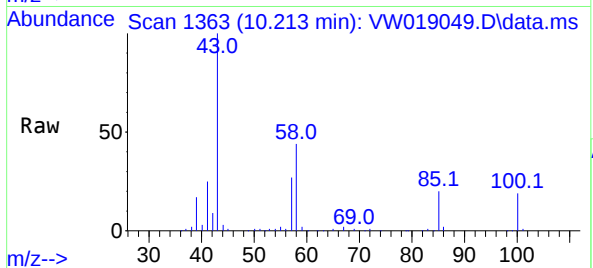
#51
4-Methyl-2-Pentanone
Concen: 25.73 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 43 Resp: 60894
Ion Ratio Lower Upper
43 100
58 42.8 34.2 51.4

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

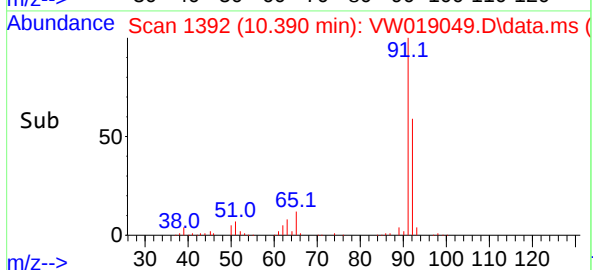
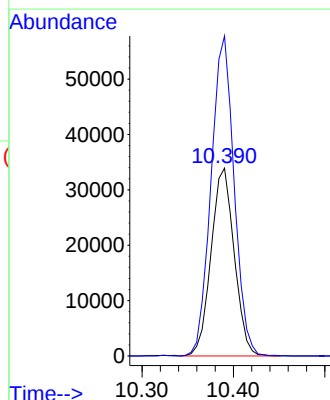
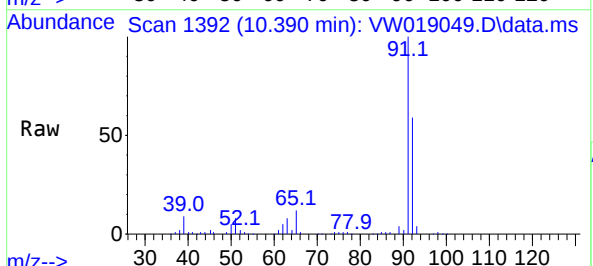
Manual Integrations
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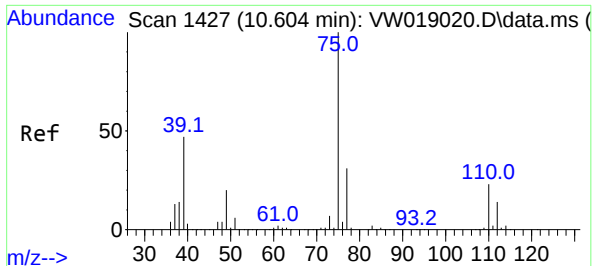
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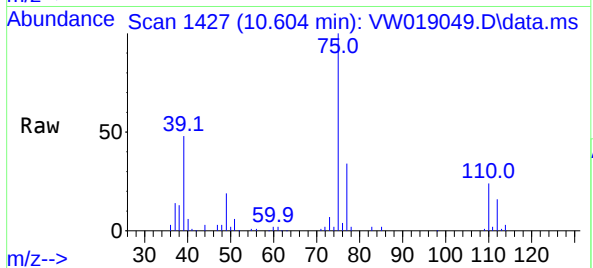
#52
Toluene
Concen: 5.32 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 92 Resp: 59643
Ion Ratio Lower Upper
92 100
91 169.5 137.4 206.0

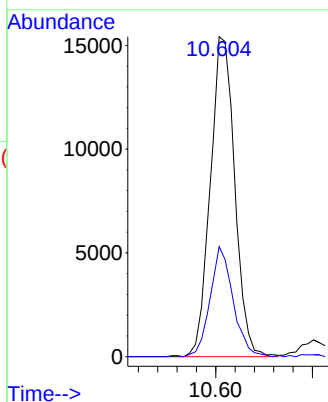
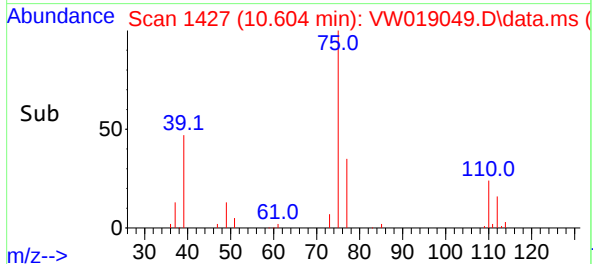




#53
t-1,3-Dichloropropene
Concen: 4.75 ug/l
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



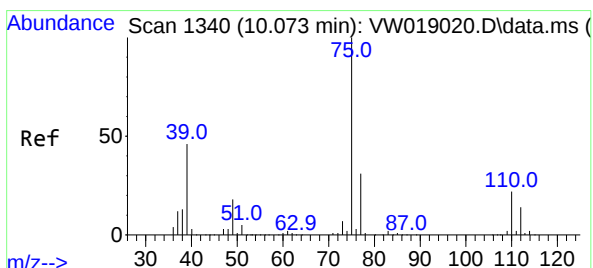
Tgt Ion: 75 Resp: 26988
Ion Ratio Lower Upper
75 100
77 34.0 24.8 37.2



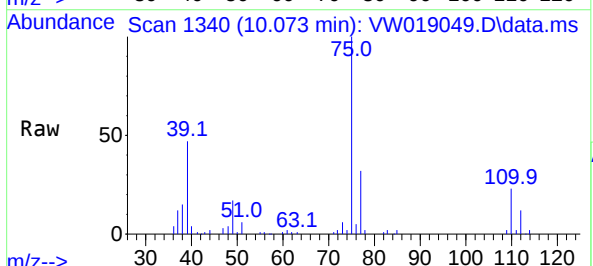
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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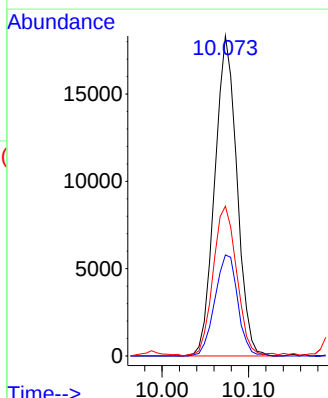
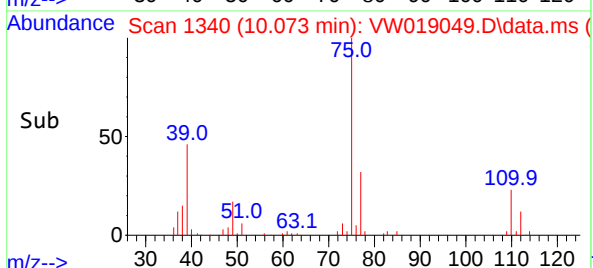
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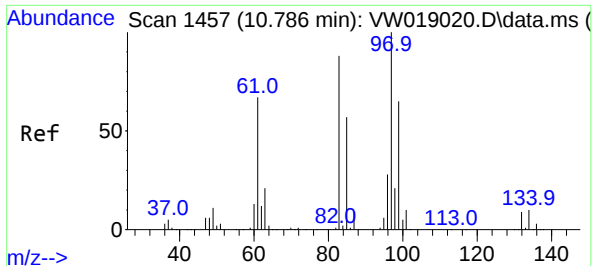


#54
cis-1,3-Dichloropropene
Concen: 4.81 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



Tgt Ion: 75 Resp: 32585
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.6
39 46.5 36.9 55.3





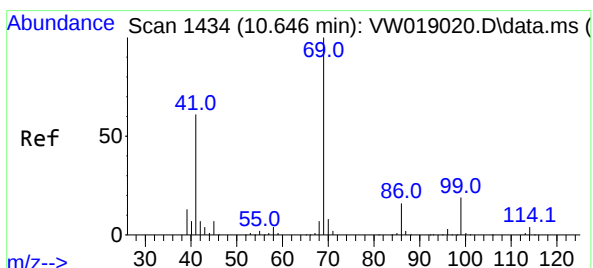
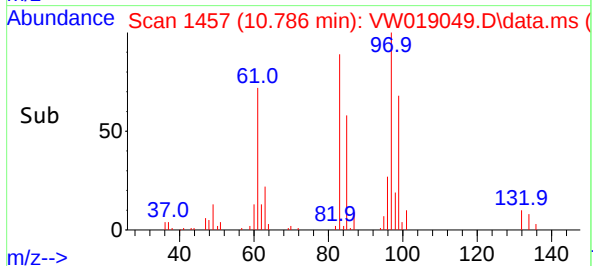
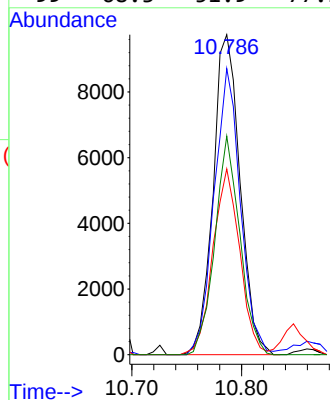
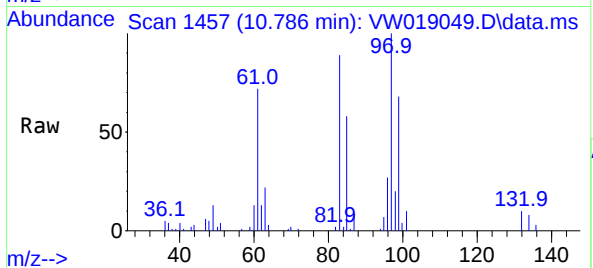
#55
1,1,2-Trichloroethane
Concen: 5.19 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion:	97	Resp:	16659
Ion	Ratio	Lower	Upper
97	100		
83	89.4	70.6	106.0
85	58.0	45.8	68.6
99	68.3	51.9	77.9

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

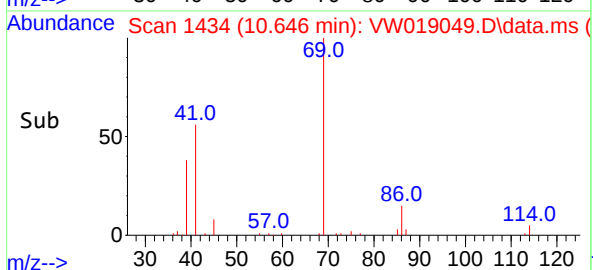
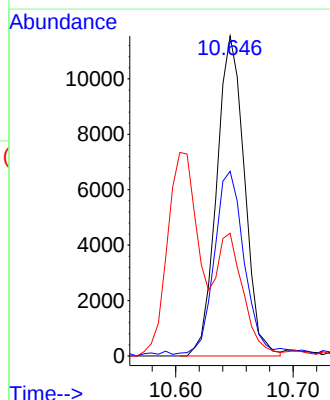
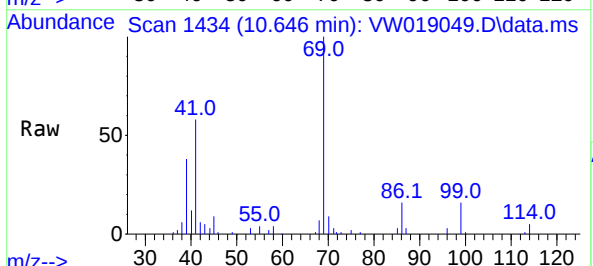
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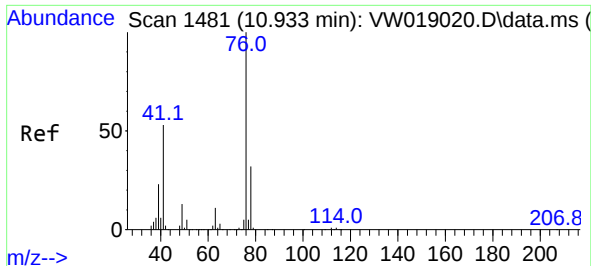
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#56
Ethyl methacrylate
Concen: 4.71 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion:	69	Resp:	18988
Ion	Ratio	Lower	Upper
69	100		
41	62.1	48.7	73.1
39	34.5	29.0	43.4





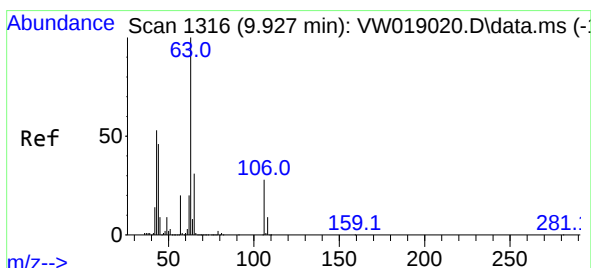
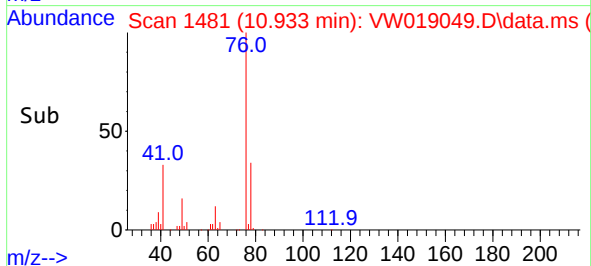
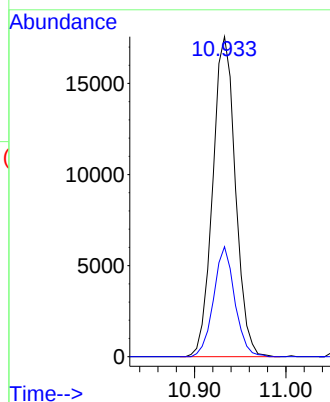
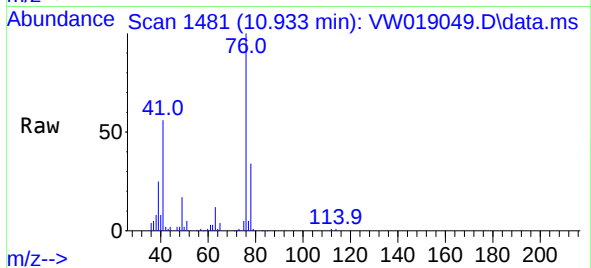
#57
1,3-Dichloropropane
Concen: 5.26 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 76 Resp: 30208
Ion Ratio Lower Upper
76 100
78 32.2 25.5 38.3

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

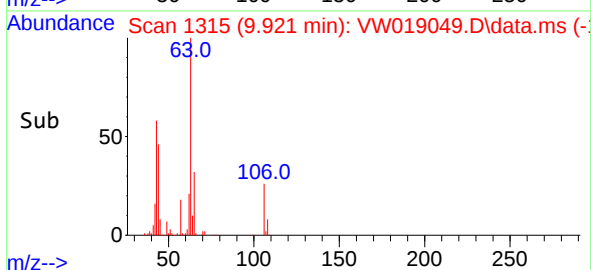
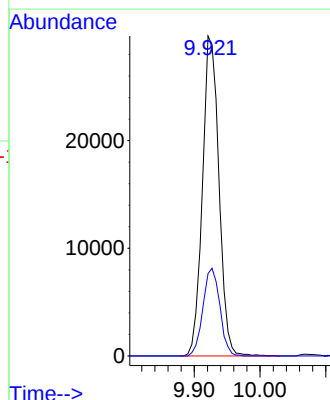
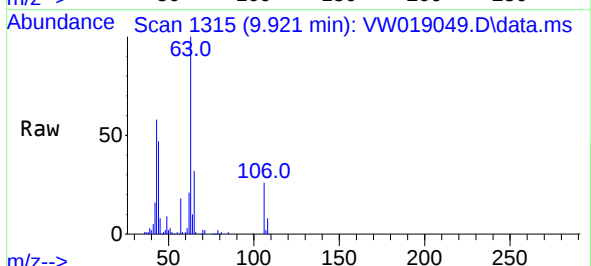
Manual Integrations
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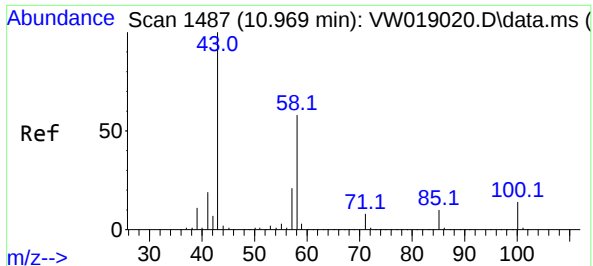
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#58
2-Chloroethyl Vinyl ether
Concen: 24.77 ug/l
RT: 9.921 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 63 Resp: 51692
Ion Ratio Lower Upper
63 100
106 28.0 22.3 33.5





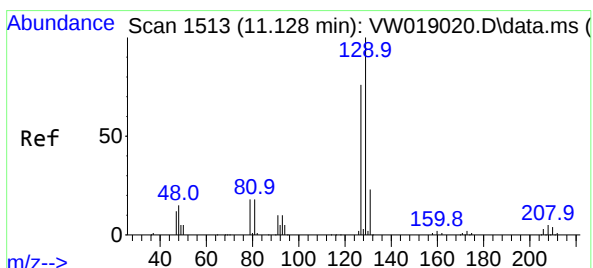
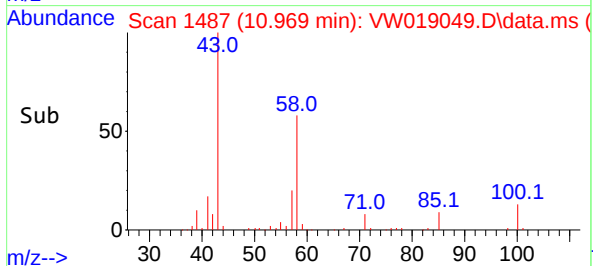
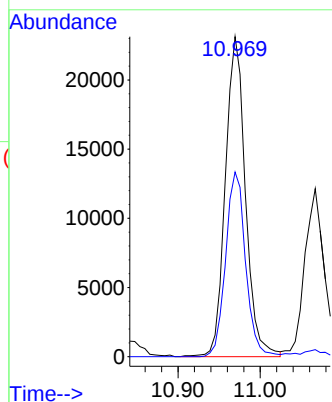
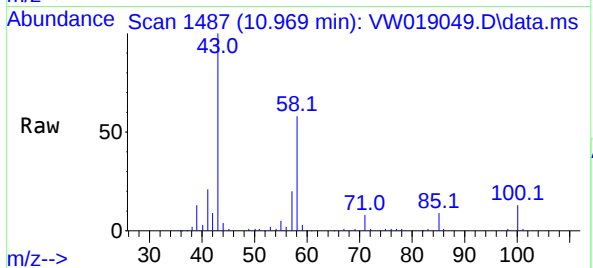
#59
2-Hexanone
Concen: 24.94 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 43 Resp: 39231
Ion Ratio Lower Upper
43 100
58 57.2 29.0 87.1

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

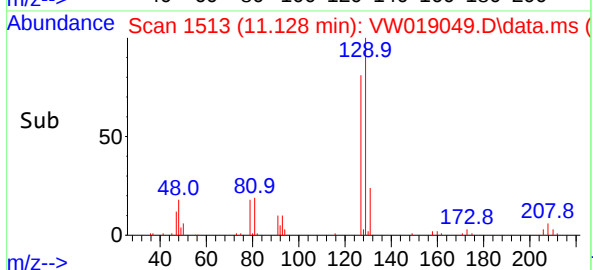
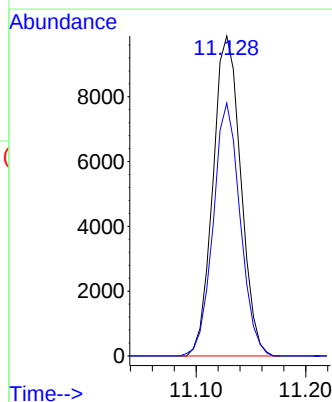
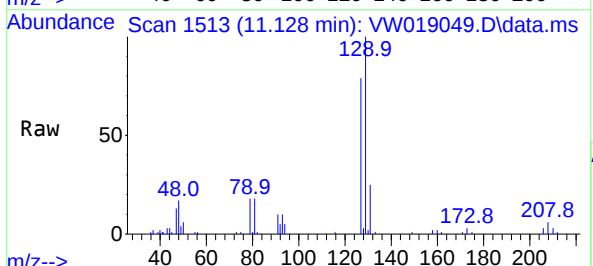
Manual Integrations
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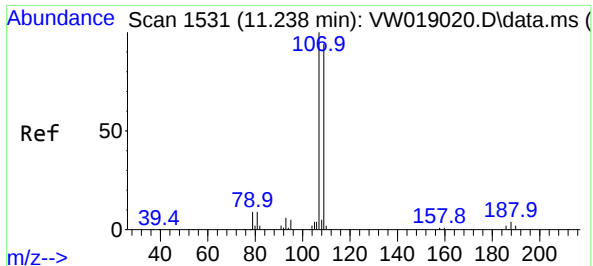
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#60
Dibromochloromethane
Concen: 4.84 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

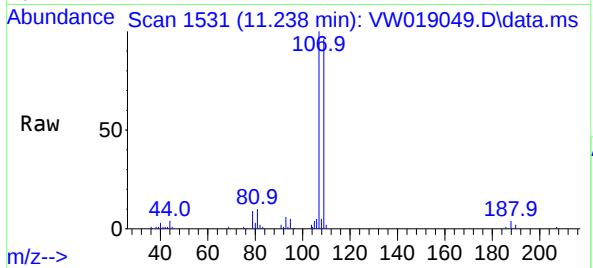
Tgt Ion: 129 Resp: 17409
Ion Ratio Lower Upper
129 100
127 76.7 38.2 114.6





#61
1,2-Dibromoethane
Concen: 5.19 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

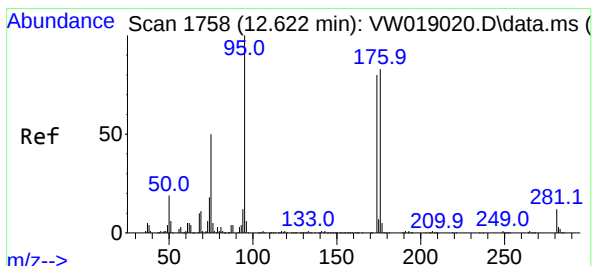
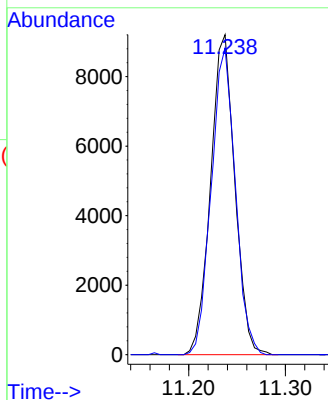
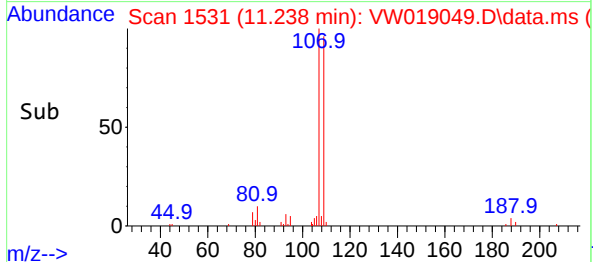
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



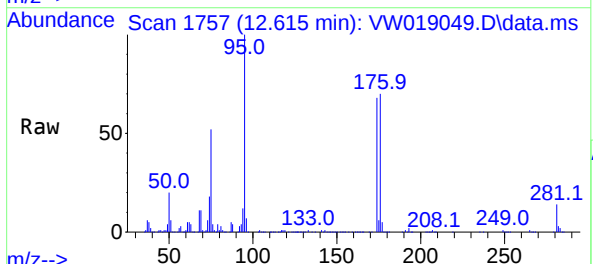
Tgt Ion:107 Resp: 16033
Ion Ratio Lower Upper
107 100
109 94.9 73.9 110.9

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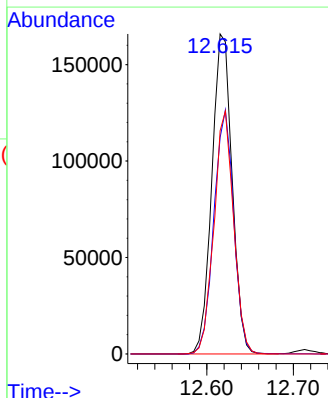
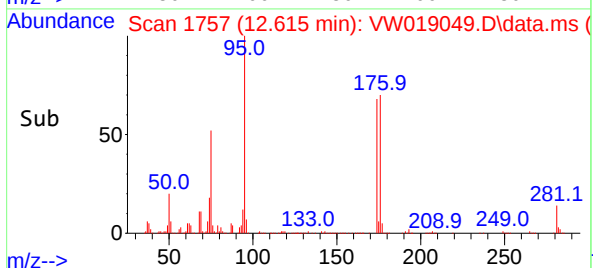
MMDadoda
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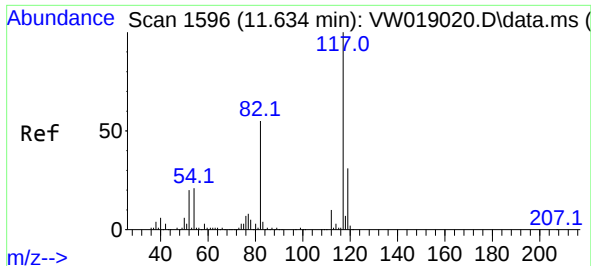


#62
4-Bromofluorobenzene
Concen: 53.68 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.007 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



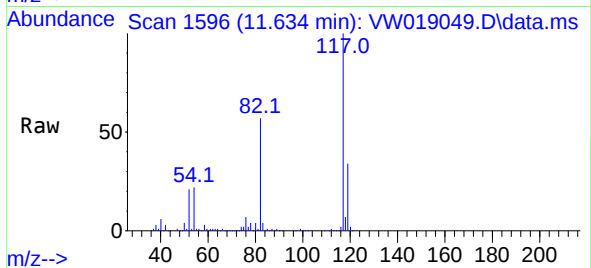
Tgt Ion: 95 Resp: 269599
Ion Ratio Lower Upper
95 100
174 74.7 0.0 156.2
176 73.6 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

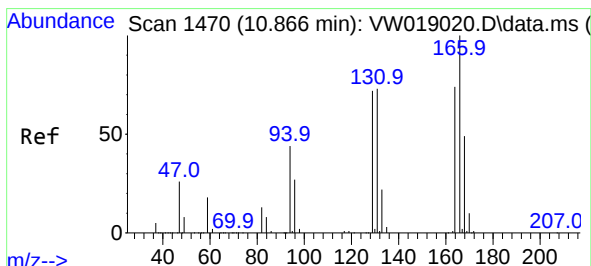
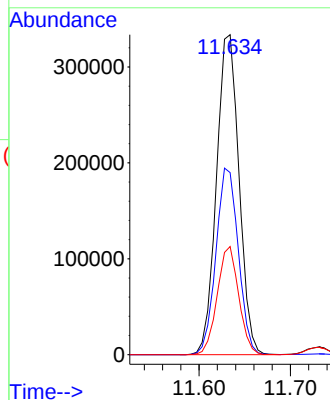
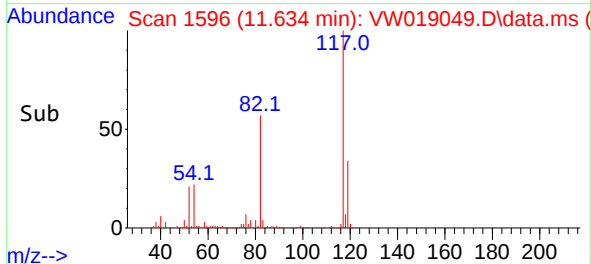
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



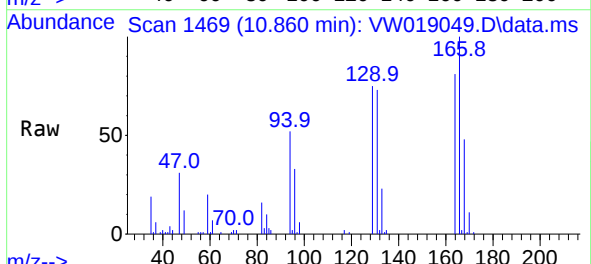
Tgt Ion:117 Resp: 572500
Ion Ratio Lower Upper
117 100
82 56.9 44.4 66.6
119 33.8 24.6 36.8

Manual Integrations
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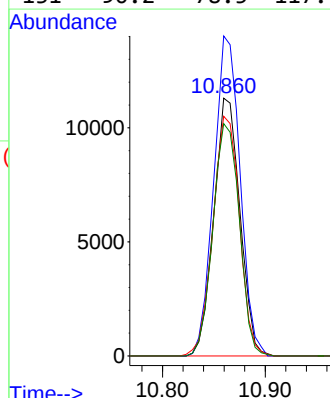
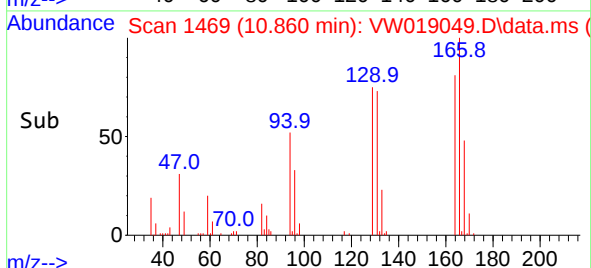
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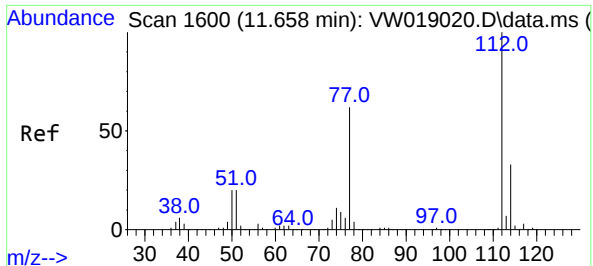


#64
Tetrachloroethene
Concen: 5.36 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



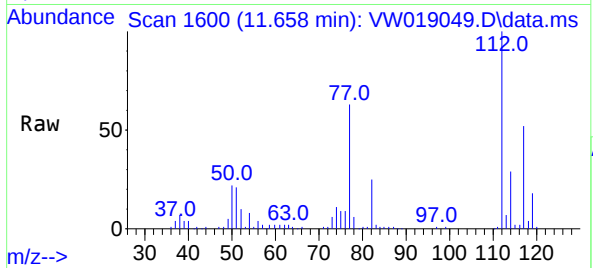
Tgt Ion:164 Resp: 19938
Ion Ratio Lower Upper
164 100
166 124.2 107.8 161.8
129 93.0 77.3 115.9
131 90.2 78.5 117.7





#65
Chlorobenzene
Concen: 5.28 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

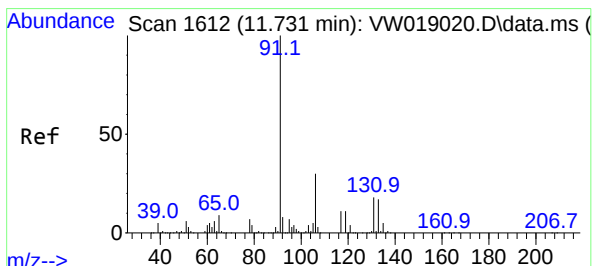
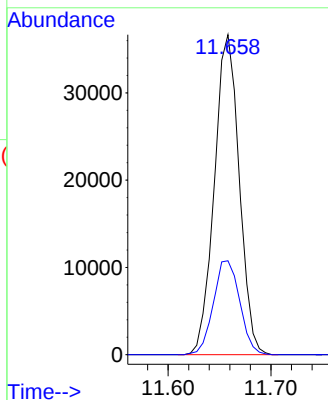
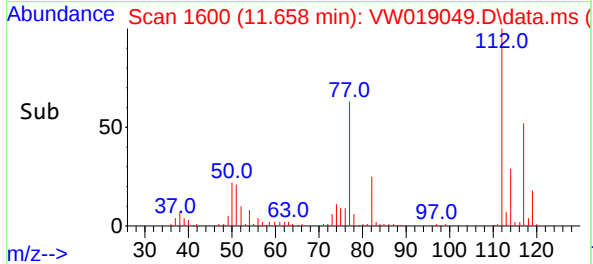
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



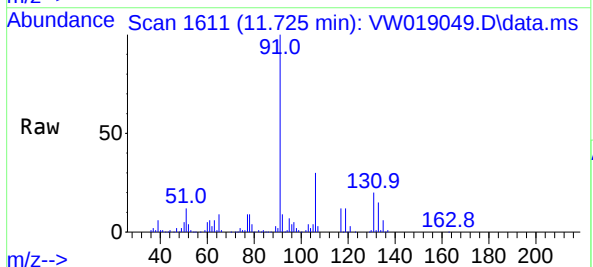
Tgt Ion:112 Resp: 61549
Ion Ratio Lower Upper
112 100
114 29.3 26.4 39.6

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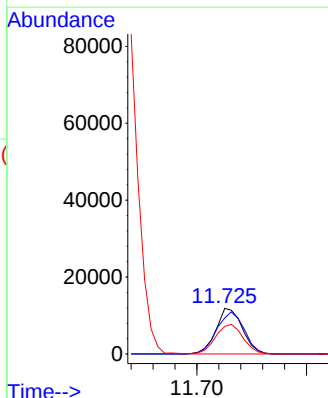
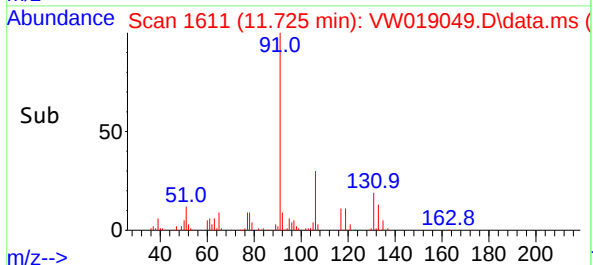
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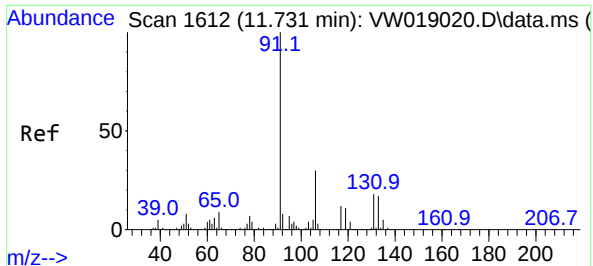


#66
1,1,1,2-Tetrachloroethane
Concen: 4.99 ug/l
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



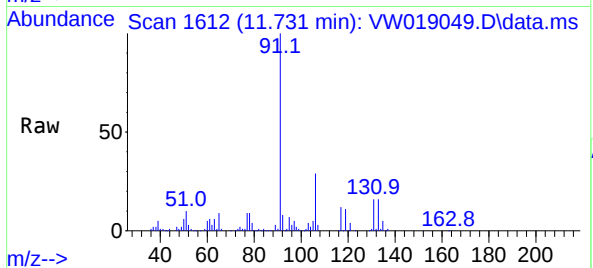
Tgt Ion:131 Resp: 19836
Ion Ratio Lower Upper
131 100
133 96.1 48.1 144.3
119 67.5 33.1 99.2





#67
Ethyl Benzene
Concen: 5.03 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

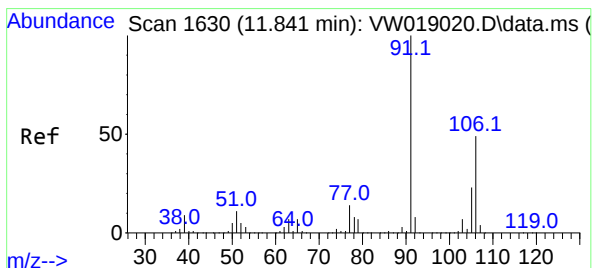
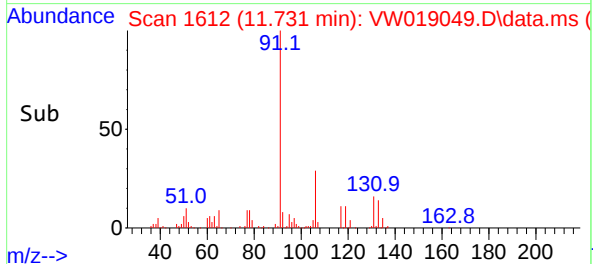
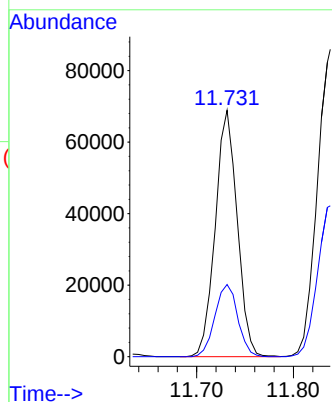
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



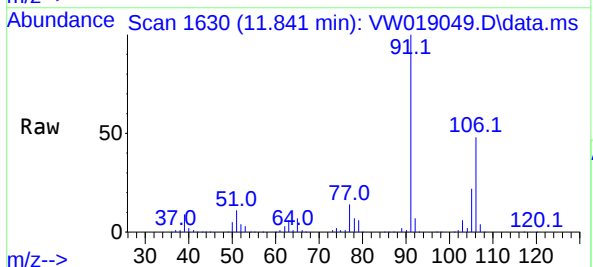
Tgt Ion: 91 Resp: 108443
Ion Ratio Lower Upper
91 100
106 29.3 24.0 36.0

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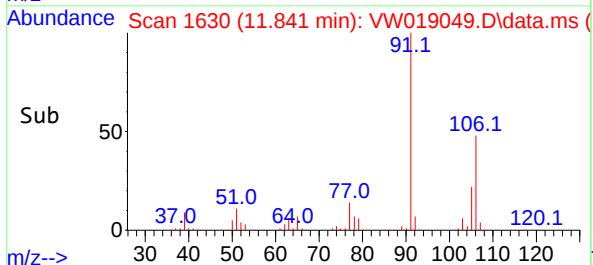
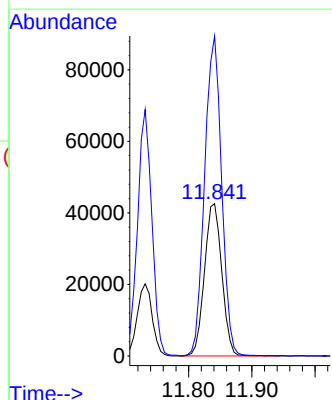
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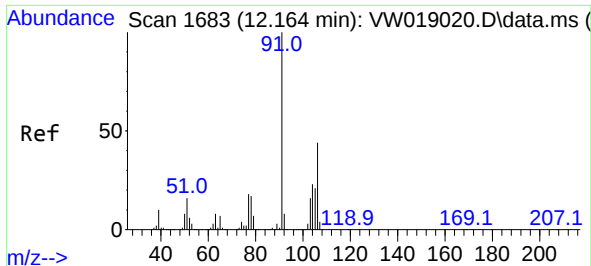


#68
m/p-Xylenes
Concen: 10.02 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



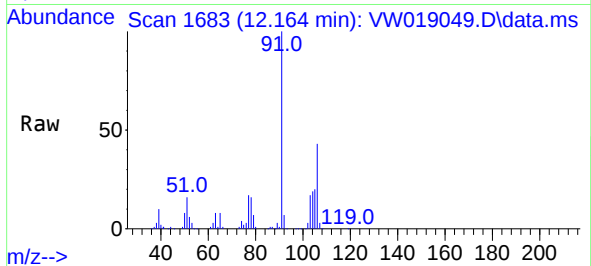
Tgt Ion: 106 Resp: 81121
Ion Ratio Lower Upper
106 100
91 205.4 164.2 246.2





#69
o-Xylene
Concen: 4.94 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

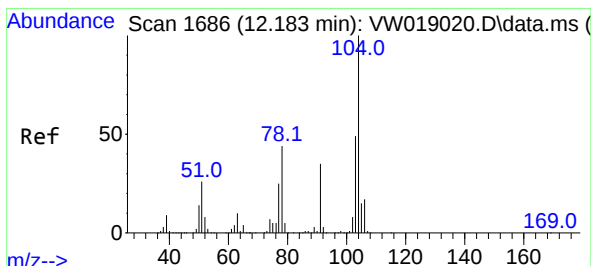
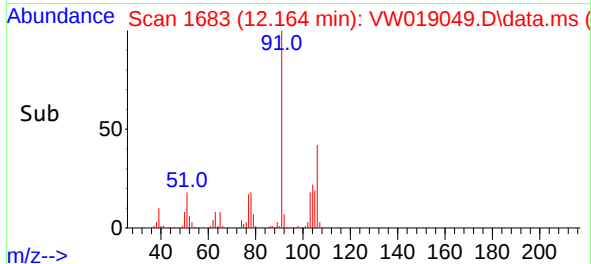
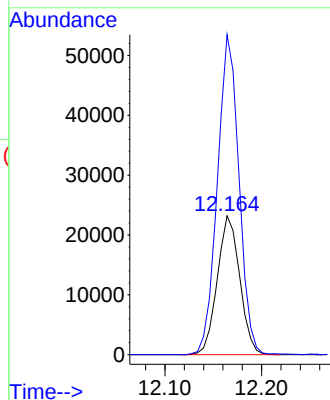
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



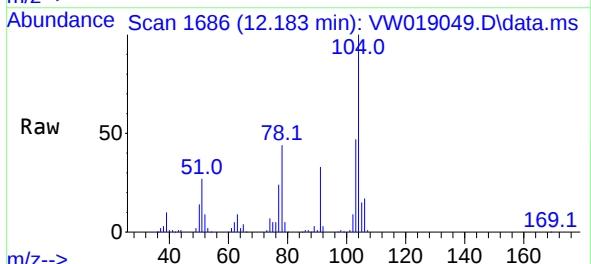
Tgt Ion:106 Resp: 37276
Ion Ratio Lower Upper
106 100
91 222.6 109.1 327.2

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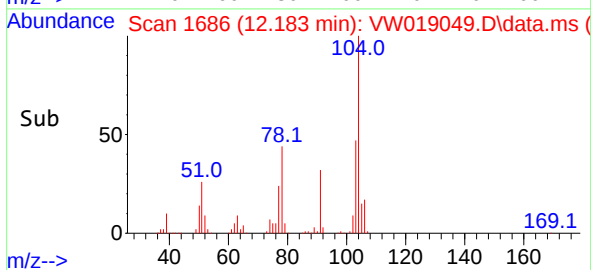
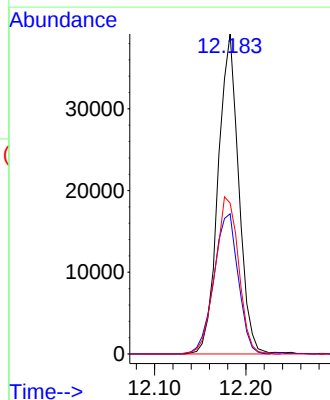
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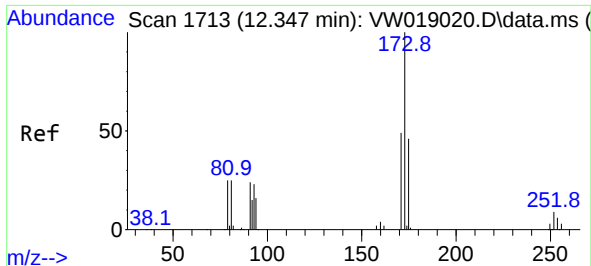


#70
Styrene
Concen: 4.79 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



Tgt Ion:104 Resp: 61397
Ion Ratio Lower Upper
104 100
78 51.7 41.3 61.9
103 56.4 44.1 66.1





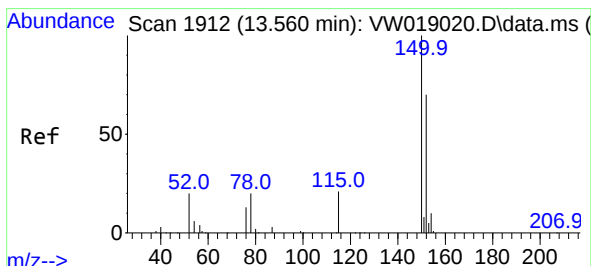
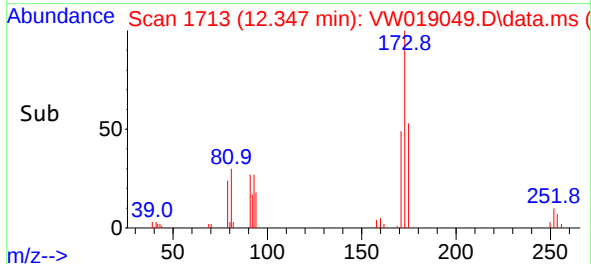
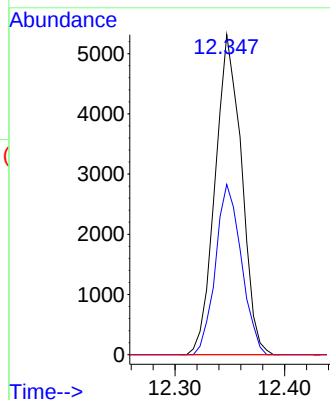
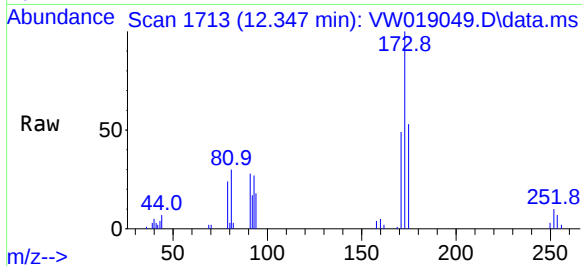
#71
Bromoform
Concen: 4.46 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion:	173	Resp:	8904
Ion Ratio	Lower	Upper	
173	100		
175	52.1	24.6	73.8
254	0.0	0.1	0.1#

Instrument :
MSVOA_W
ClientSampleId :
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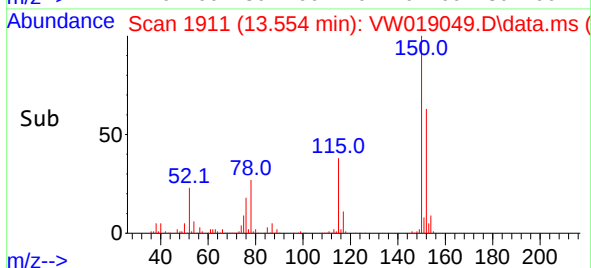
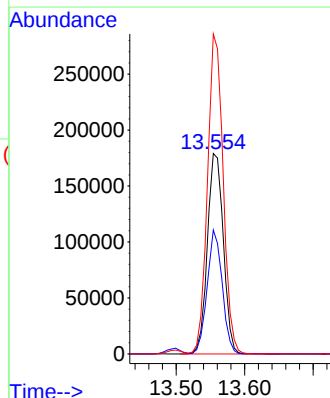
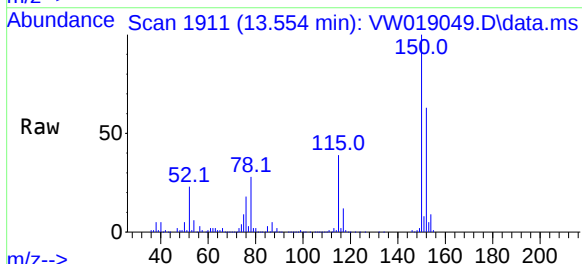
Manual Integrations
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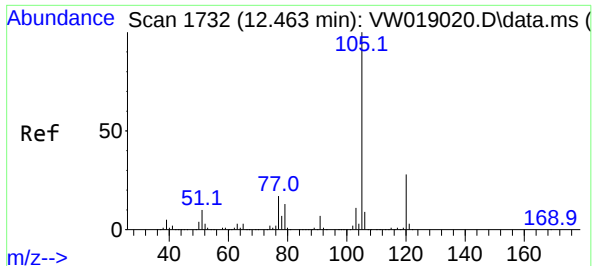
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

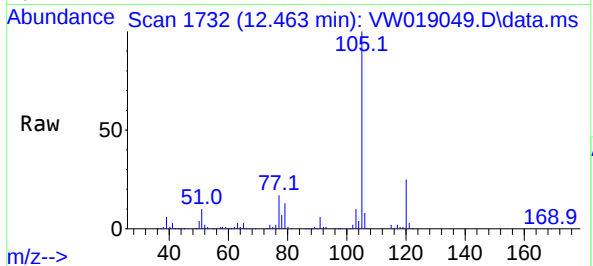
Tgt Ion:	152	Resp:	290198
Ion Ratio	Lower	Upper	
152	100		
115	58.3	30.3	90.8
150	156.3	0.0	356.0





#73
Isopropylbenzene
Concen: 4.85 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

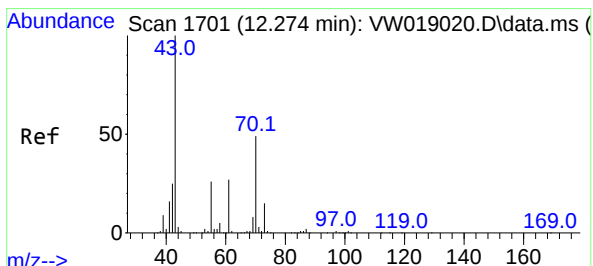
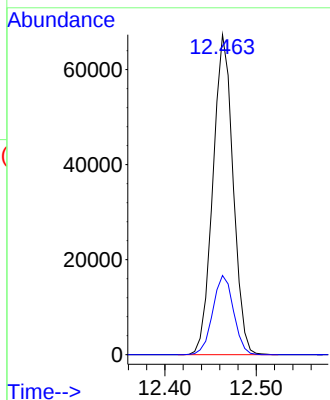
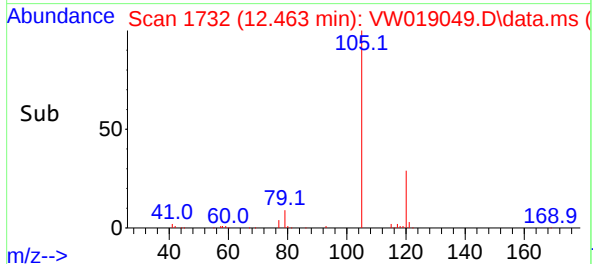
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



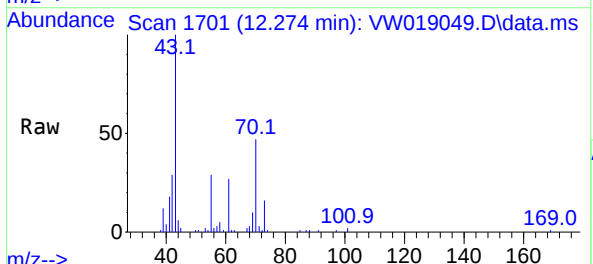
Tgt Ion:105 Resp: 103197
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.5

Manual Integrations
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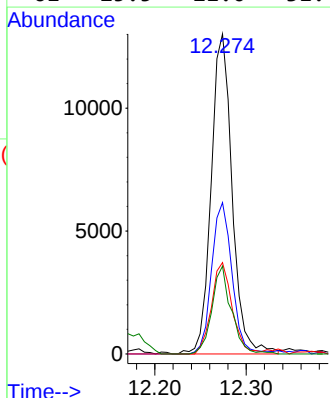
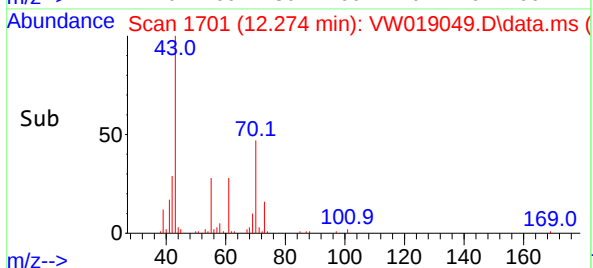
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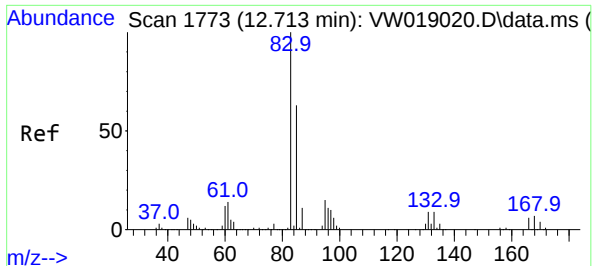


#74
N-ethyl acetate
Concen: 4.73 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



Tgt Ion: 43 Resp: 20759
Ion Ratio Lower Upper
43 100
70 46.2 38.4 57.6
55 28.2 21.6 32.4
61 25.5 21.0 31.4





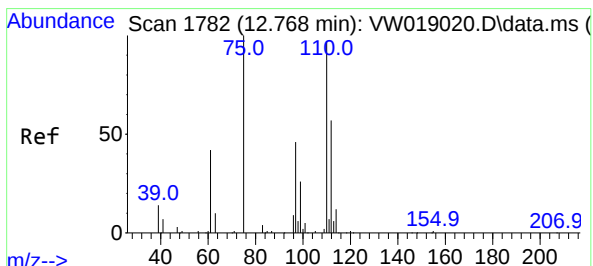
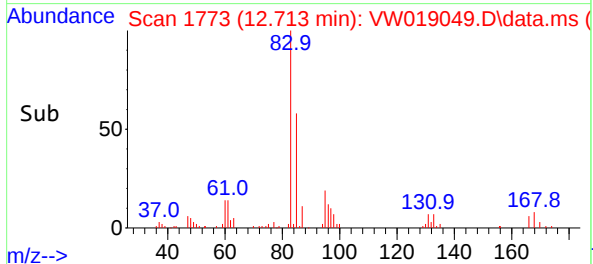
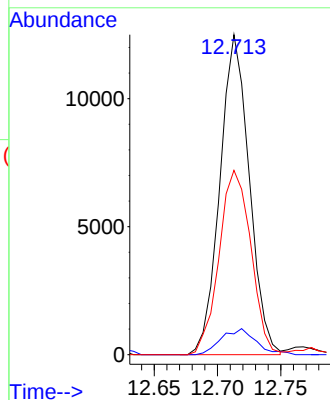
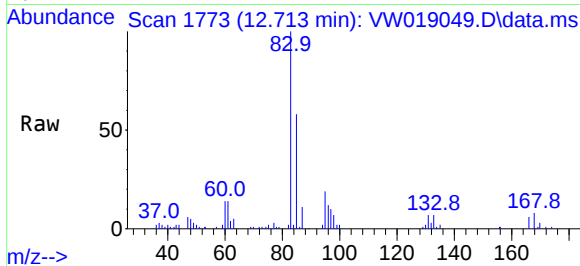
#75
1,1,2,2-Tetrachloroethane
Concen: 5.30 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion:	83	Resp:	20164
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.1	15.2
85	62.7	31.6	94.8

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

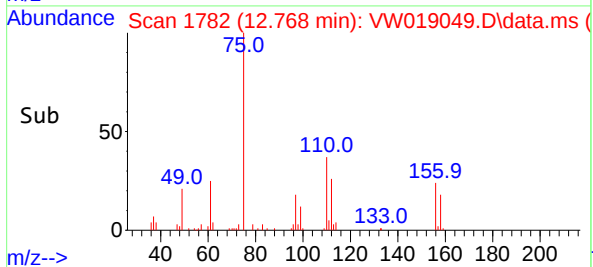
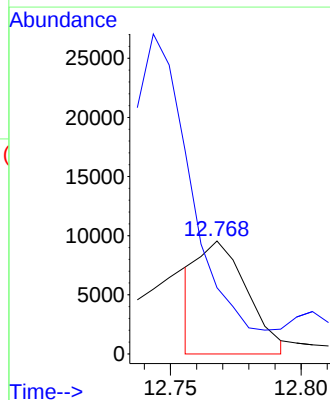
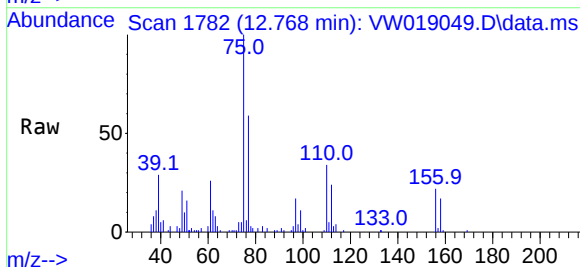
Manual Integrations
APPROVED

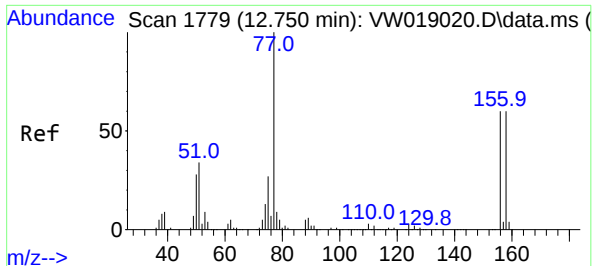
MMDadoda
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#76
1,2,3-Trichloropropane
Concen: 4.58 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion:	75	Resp:	12551
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





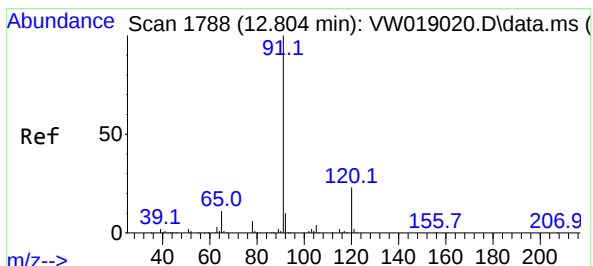
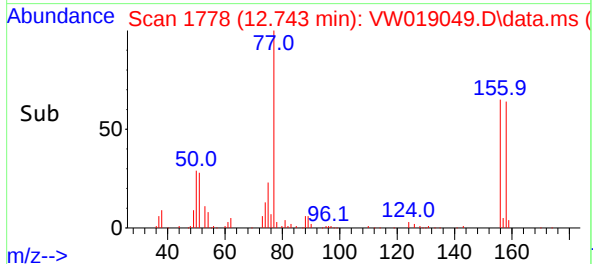
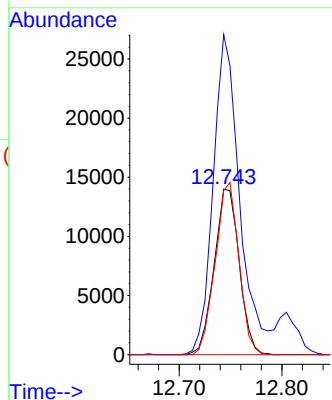
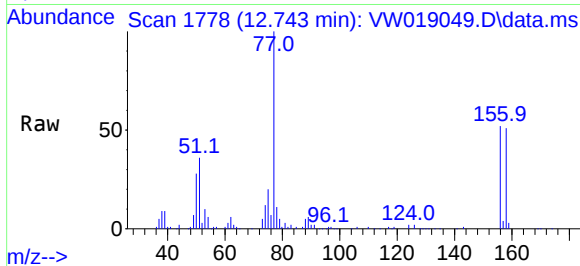
#77
Bromobenzene
Concen: 5.05 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 156 Resp: 23668
Ion Ratio Lower Upper
156 100
77 203.1 96.7 290.0
158 98.1 48.4 145.3

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

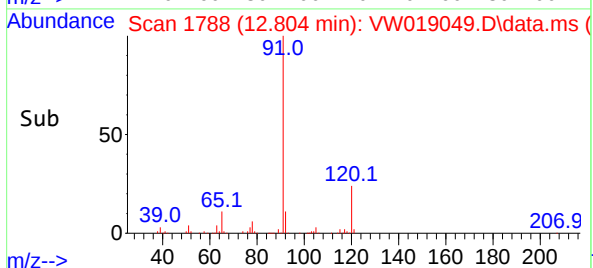
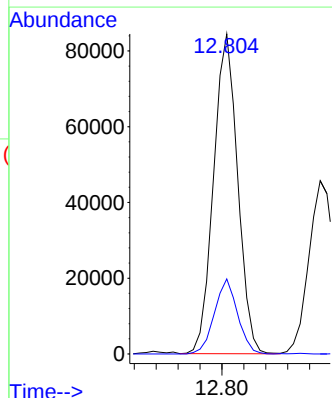
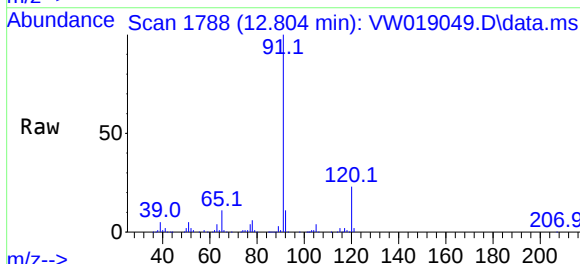
Manual Integrations
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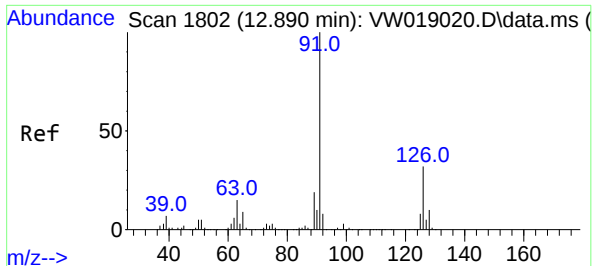
MMDadoda
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#78
n-propylbenzene
Concen: 4.95 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 91 Resp: 128851
Ion Ratio Lower Upper
91 100
120 22.5 11.1 33.3





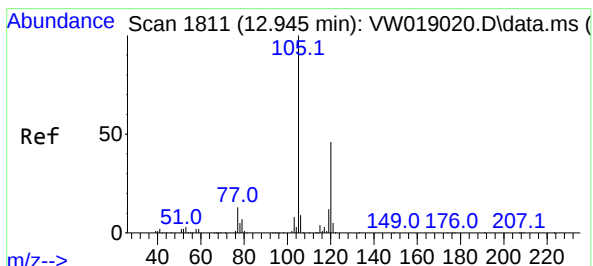
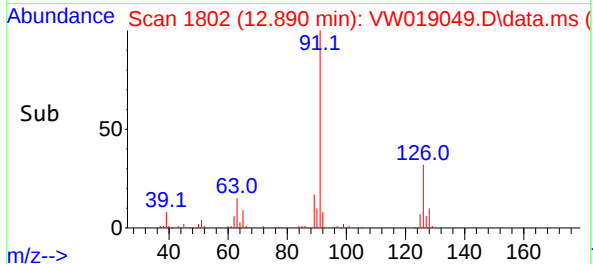
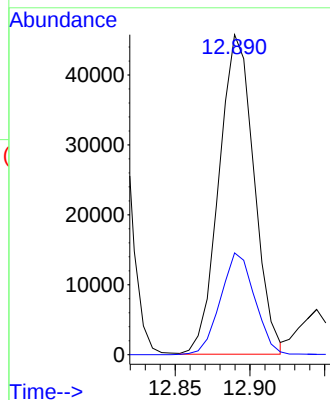
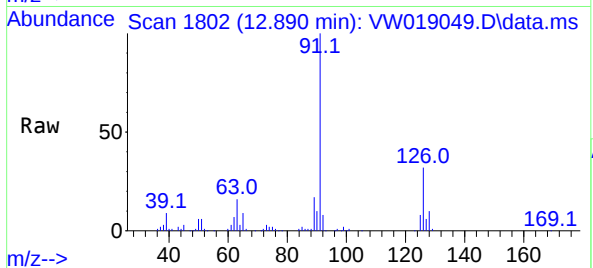
#79
2-Chlorotoluene
Concen: 5.03 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion: 91 Resp: 74496
Ion Ratio Lower Upper
91 100
126 31.2 16.5 49.5

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

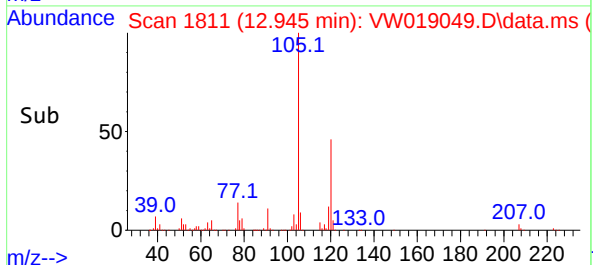
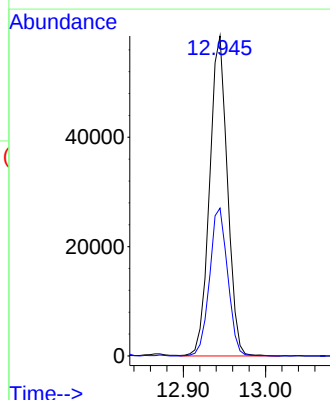
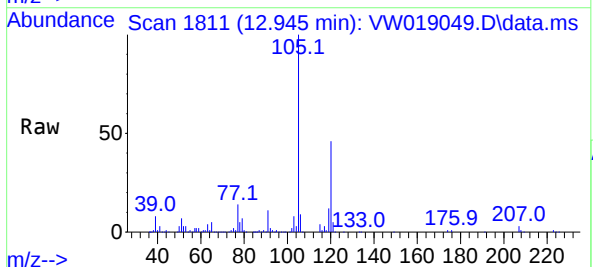
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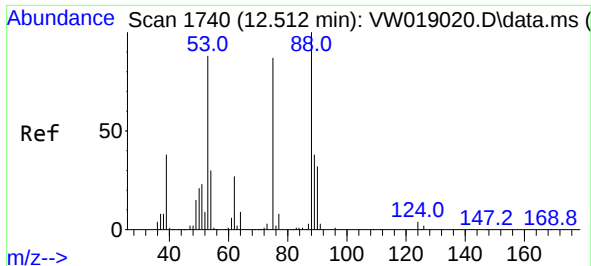
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#80
1,3,5-Trimethylbenzene
Concen: 4.88 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

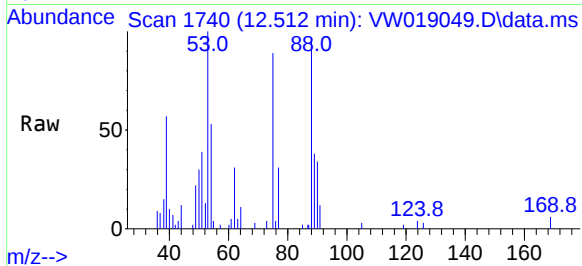
Tgt Ion: 105 Resp: 88087
Ion Ratio Lower Upper
105 100
120 46.9 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 4.05 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

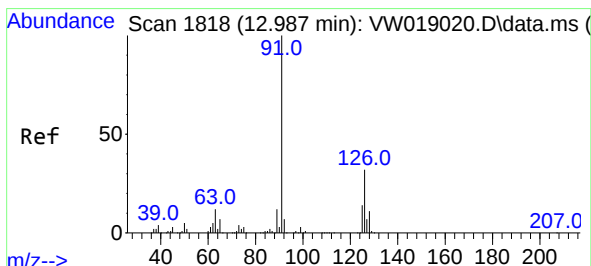
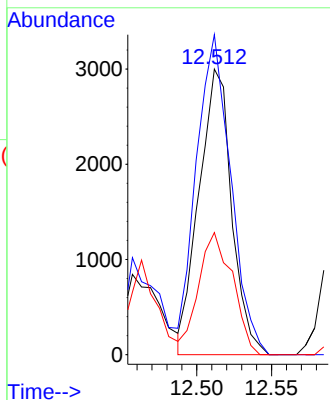
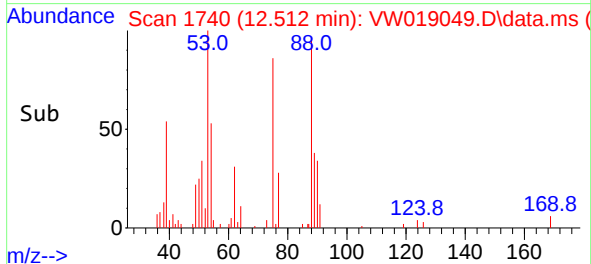
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



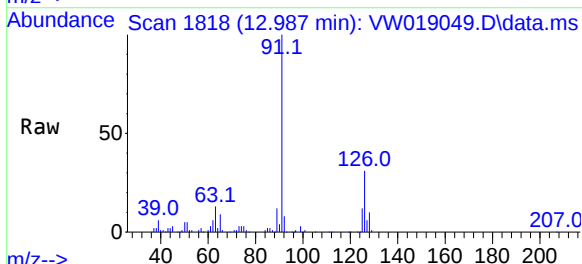
Tgt Ion	Ratio	Lower	Upper
75	100		
53	117.5	81.5	122.3
89	44.5	36.3	54.5

Manual Integrations
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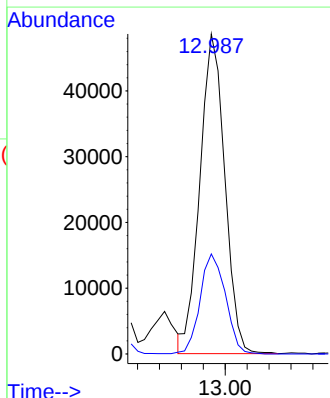
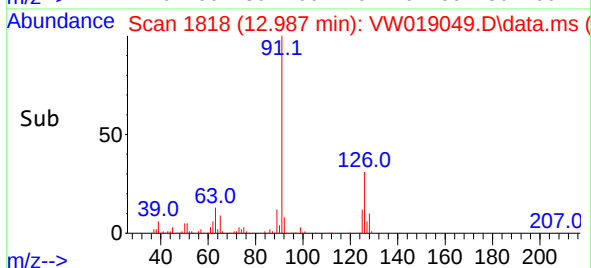
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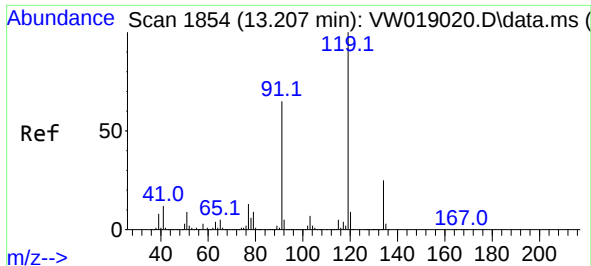


#82
4-Chlorotoluene
Concen: 4.88 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

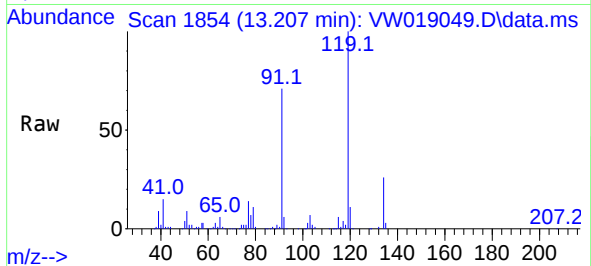


Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.1	48.2

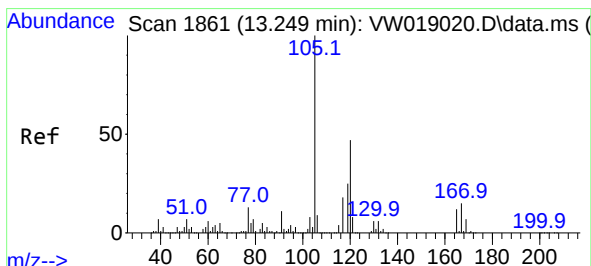
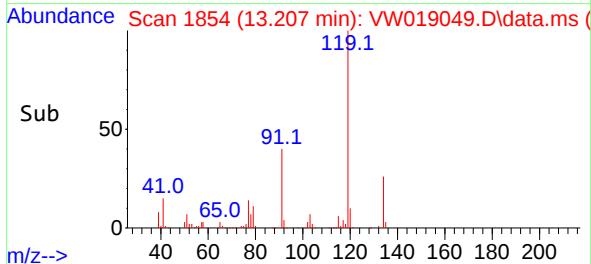
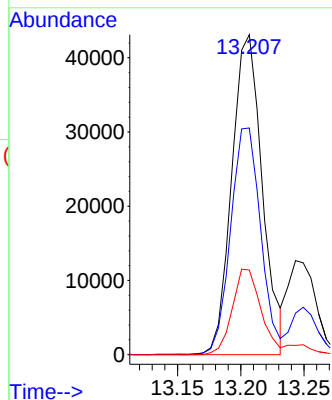




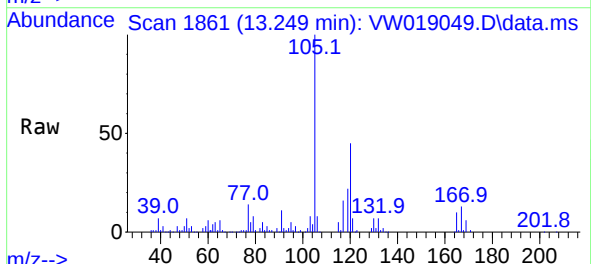
#83
tert-Butylbenzene
Concen: 4.76 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



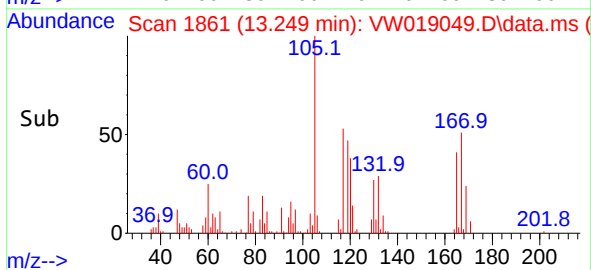
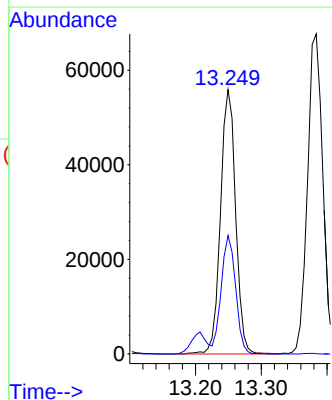
Tgt Ion:119 Resp: 72406
Ion Ratio Lower Upper
119 100
91 70.1 34.0 102.0
134 26.4 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 4.99 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



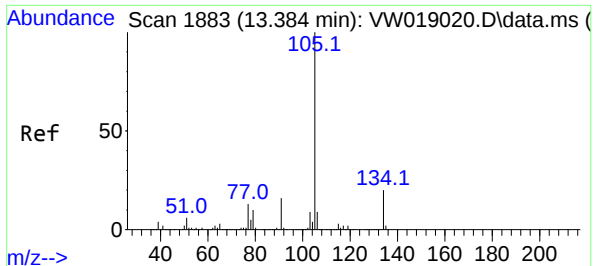
Tgt Ion:105 Resp: 89478
Ion Ratio Lower Upper
105 100
120 42.5 22.4 67.0



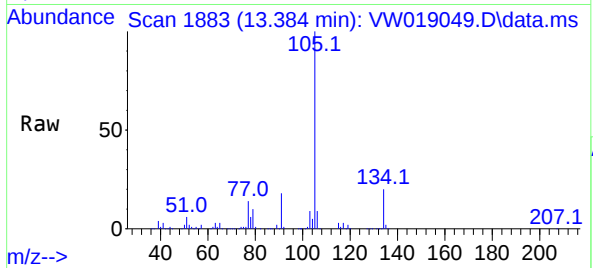
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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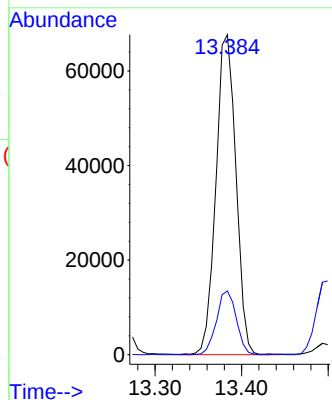
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#85
sec-Butylbenzene
Concen: 4.82 ug/l
RT: 13.384 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



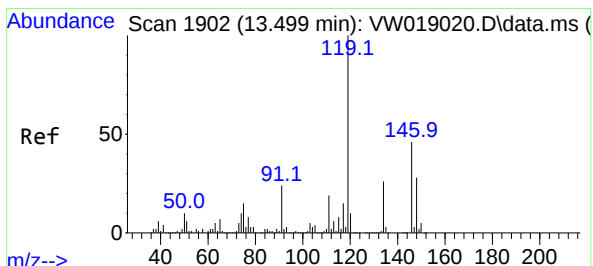
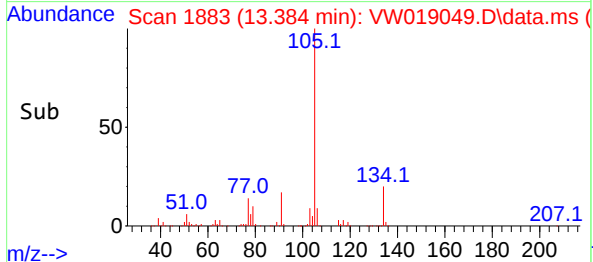
Tgt Ion:105 Resp: 108664
Ion Ratio Lower Upper
105 100
134 19.7 10.1 30.1



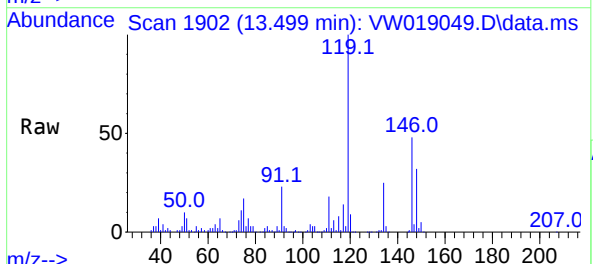
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
APPROVED

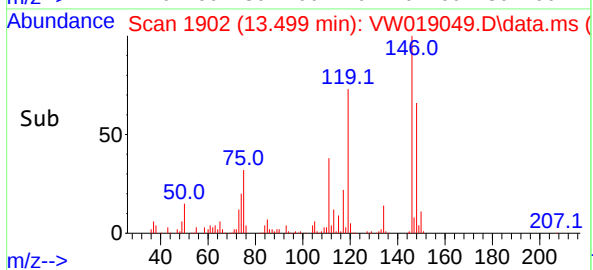
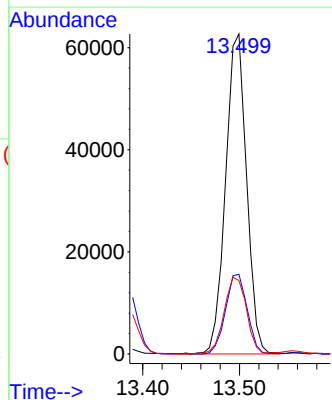
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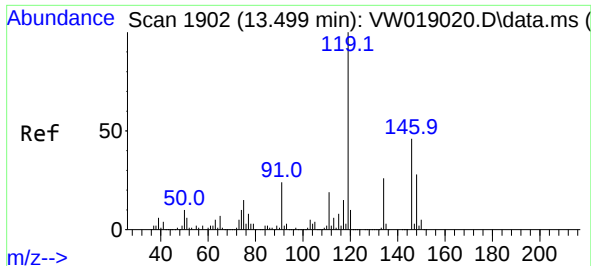


#86
p-Isopropyltoluene
Concen: 4.82 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

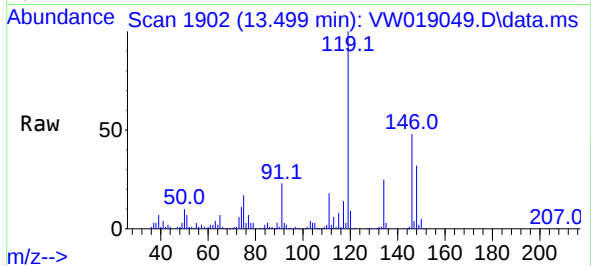


Tgt Ion:119 Resp: 94270
Ion Ratio Lower Upper
119 100
134 25.7 12.8 38.3
91 25.4 12.1 36.3

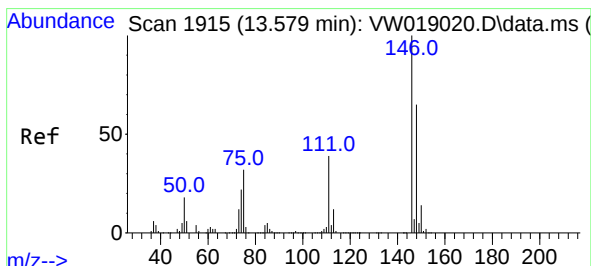
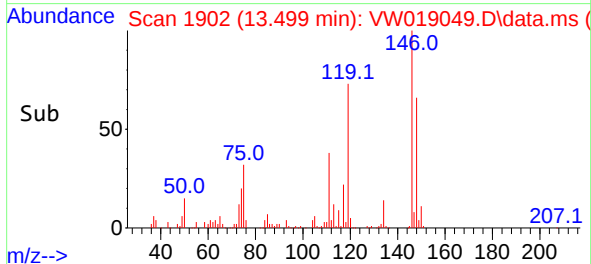
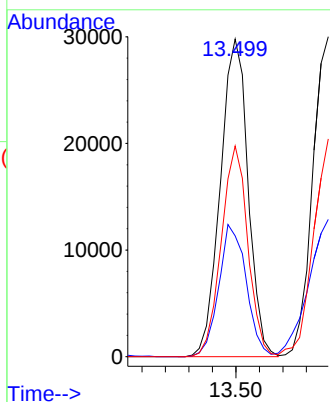




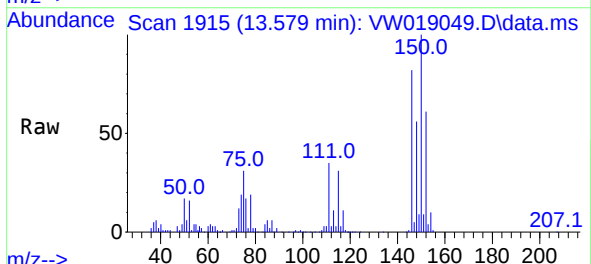
#87
1,3-Dichlorobenzene
Concen: 5.10 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



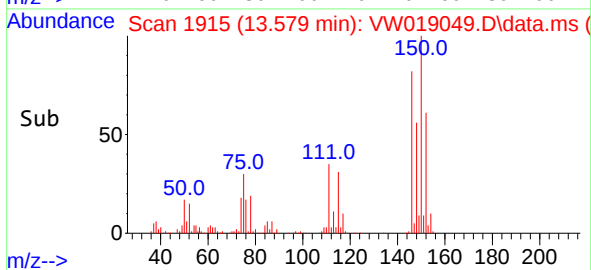
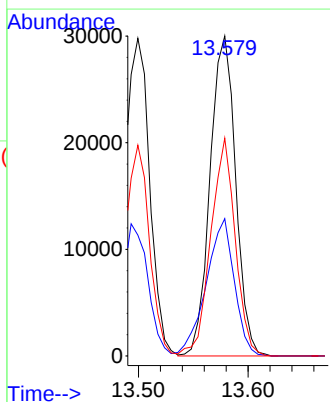
Tgt Ion:146 Resp: 48802
Ion Ratio Lower Upper
146 100
111 41.2 20.7 62.1
148 63.5 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 5.16 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



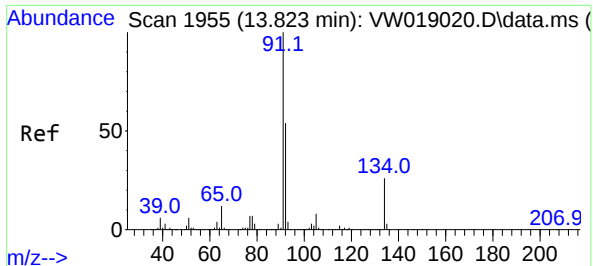
Tgt Ion:146 Resp: 48684
Ion Ratio Lower Upper
146 100
111 47.5 20.1 60.3
148 65.2 32.4 97.2



Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

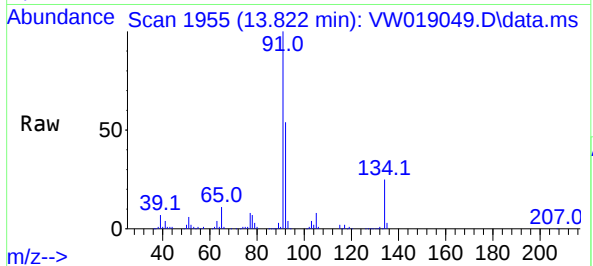
Manual Integrations
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#89
n-Butylbenzene
Concen: 4.88 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

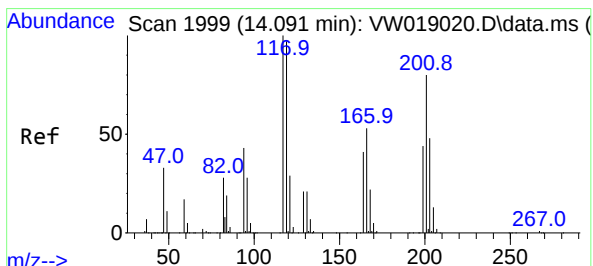
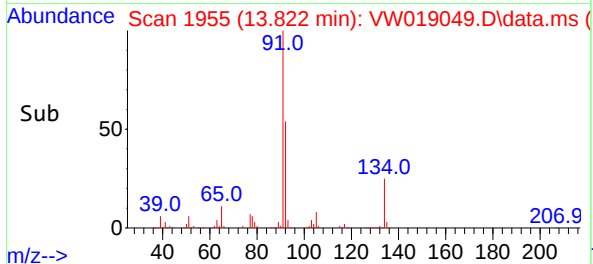
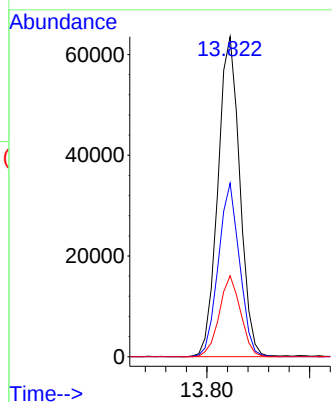
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion: 91 Resp: 93872
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.8
134 24.6 12.7 38.0

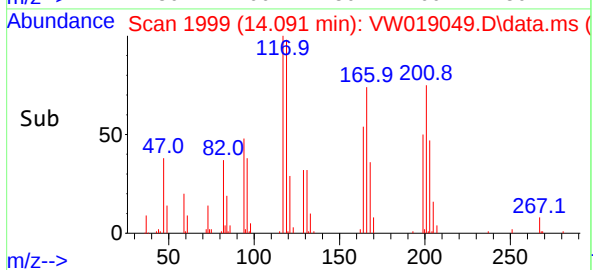
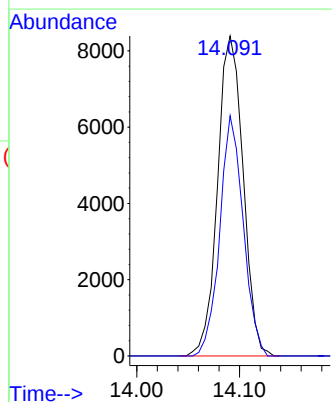
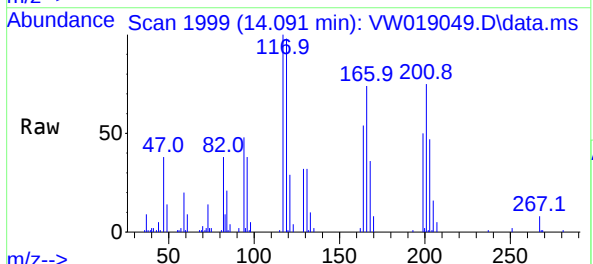
Manual Integrations
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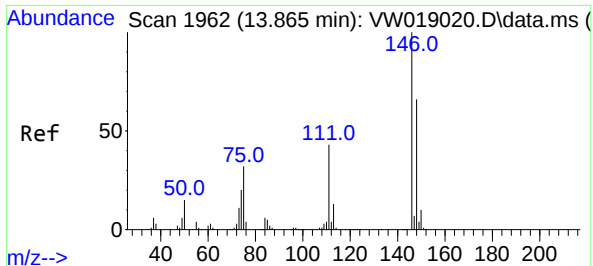
MMDadoda
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#90
Hexachloroethane
Concen: 4.73 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

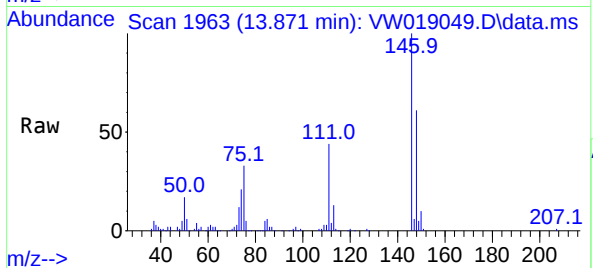
Tgt Ion: 117 Resp: 14481
Ion Ratio Lower Upper
117 100
201 69.0 38.4 115.2





#91
1,2-Dichlorobenzene
Concen: 5.08 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

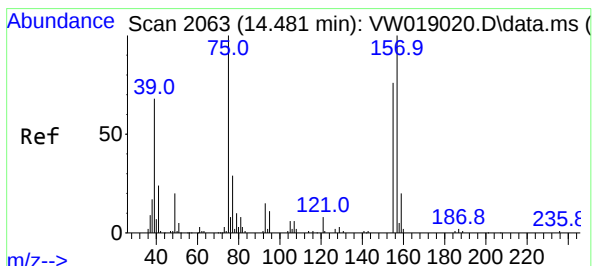
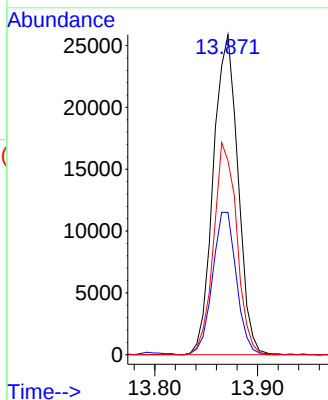
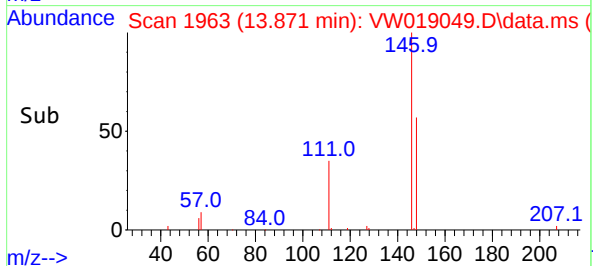
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



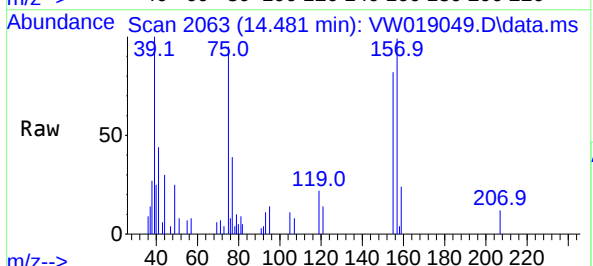
Tgt Ion:146 Resp: 43009
Ion Ratio Lower Upper
146 100
111 43.3 21.1 63.1
148 62.5 32.6 97.7

Manual Integrations
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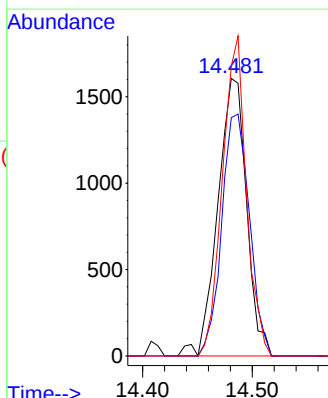
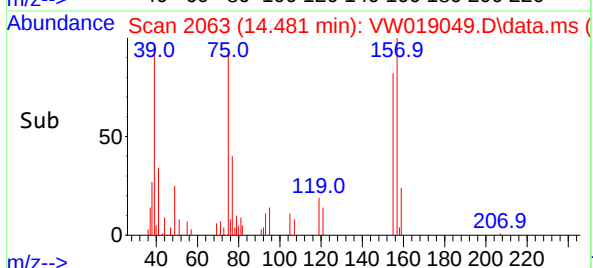
MMDadoda
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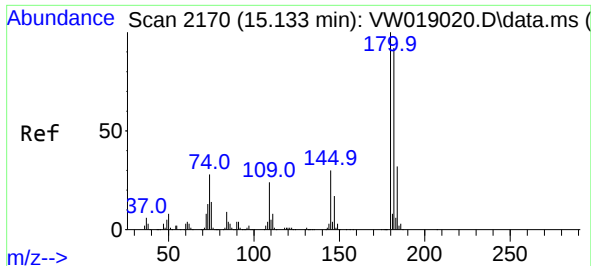


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.81 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52



Tgt Ion: 75 Resp: 2923
Ion Ratio Lower Upper
75 100
155 84.3 41.3 124.1
157 96.1 51.2 153.6





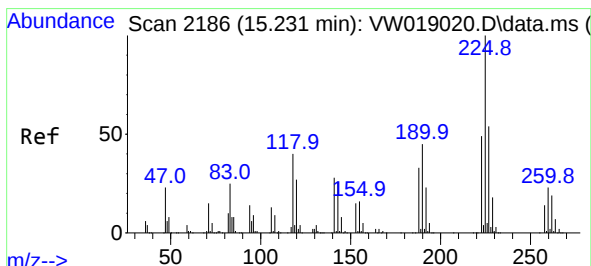
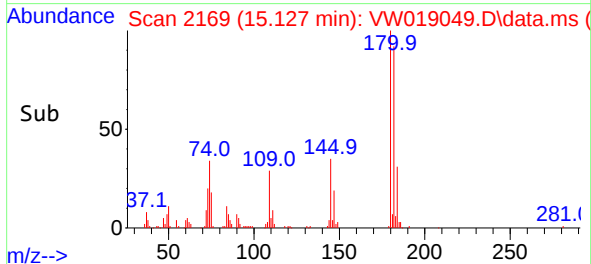
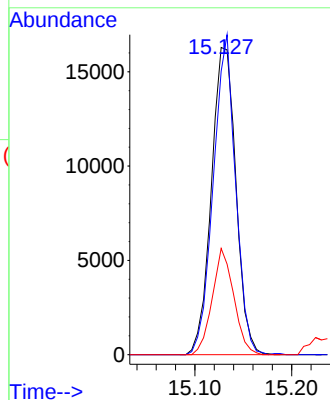
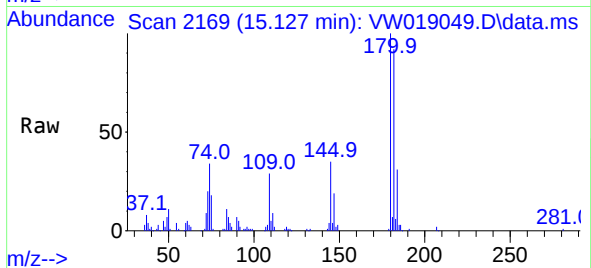
#93
1,2,4-Trichlorobenzene
Concen: 5.06 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion:	180	Resp:	28691
Ion Ratio	Lower	Upper	
180	100		
182	94.3	48.9	146.7
145	30.4	15.4	46.1

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

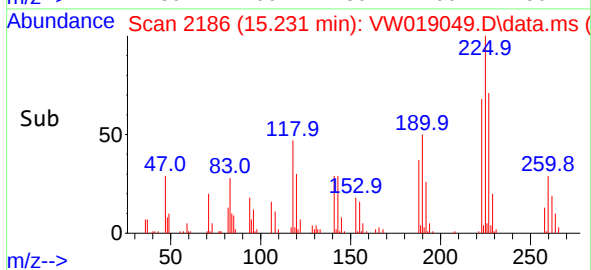
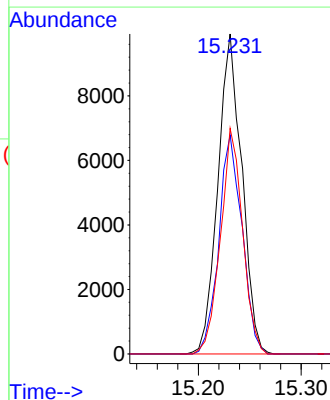
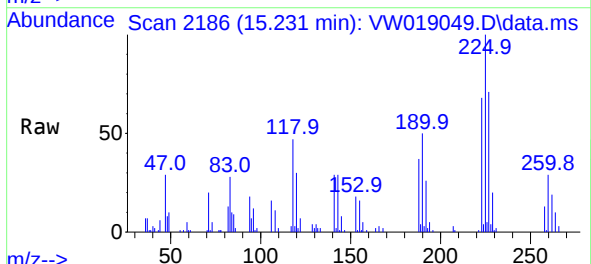
Manual Integrations
APPROVED

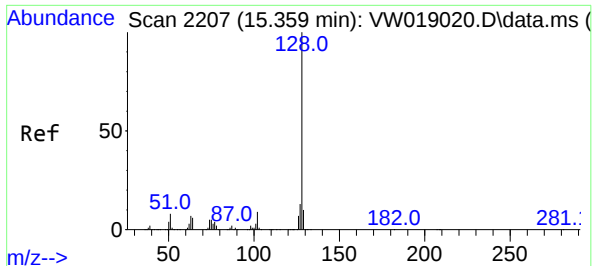
MMDadoda
5/21/2021 1:49:02 PM



#94
Hexachlorobutadiene
Concen: 4.88 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion:	225	Resp:	15999
Ion Ratio	Lower	Upper	
225	100		
223	66.5	29.6	88.8
227	65.4	30.4	91.3





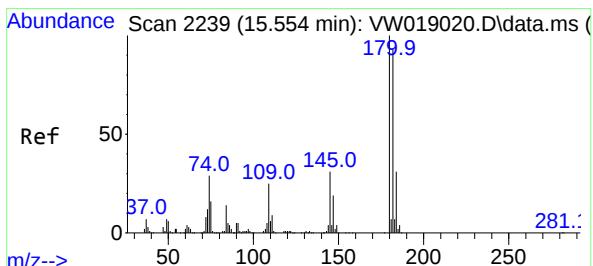
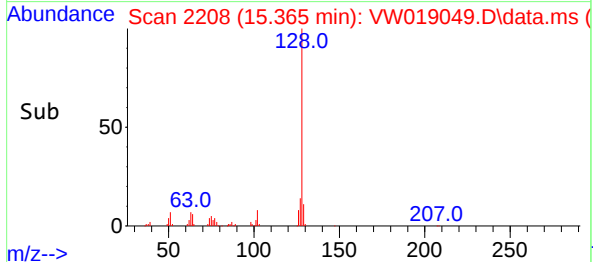
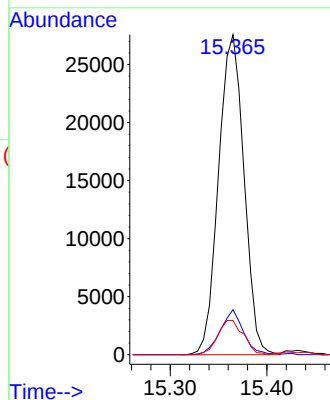
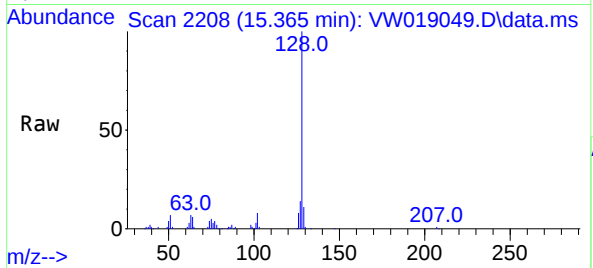
#95
Naphthalene
Concen: 4.87 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion:	128	Resp:	50281
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.8	8.5	12.7

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
APPROVED

MMDadoda
5/21/2021 1:49:02 PM



#96
1,2,3-Trichlorobenzene
Concen: 5.32 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW019049.D
Acq: 20 May 2021 18:52

Tgt Ion:	180	Resp:	26147
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.4	142.3
145	32.1	16.1	48.2

