

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051921\
 Data File : VW019031.D
 Acq On : 18 May 2021 21:30
 Operator : SY/VA
 Sample : M2262-02 5PPBLOQ
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: May 19 07:52:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 07:50:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	364845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	612024	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	562280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	269394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	225148	60.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.00%	
35) Dibromofluoromethane	7.884	113	202977	59.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.12%	
50) Toluene-d8	10.323	98	800880	59.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.42%	
62) 4-Bromofluorobenzene	12.615	95	280056	57.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.84%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	12526	5.10	ug/l	90
3) Chloromethane	2.215	50	15673	5.75	ug/l	92
4) Vinyl Chloride	2.367	62	20976	5.24	ug/l	98
5) Bromomethane	2.782	94	19053	5.68	ug/l	91
6) Chloroethane	2.922	64	14358	5.22	ug/l	93
7) Trichlorofluoromethane	3.263	101	9350	4.25	ug/l	98
8) Diethyl Ether	3.684	74	10846	5.66	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.068	101	19128	5.37	ug/l	99
10) Methyl Iodide	4.281	142	28746	5.50	ug/l	97
11) Tert butyl alcohol	5.165	59	8421	38.87	ug/l	96
12) 1,1-Dichloroethene	4.056	96	19289	5.31	ug/l	89
13) Acrolein	3.897	56	6203	25.24	ug/l	99
14) Allyl chloride	4.672	41	24884	5.26	ug/l	99
15) Acrylonitrile	5.367	53	20094	27.97	ug/l	99
16) Acetone	4.129	43	17793	30.41	ug/l	99
17) Carbon Disulfide	4.391	76	50107	5.05	ug/l	97
18) Methyl Acetate	4.678	43	19990	11.61	ug/l	99
19) Methyl tert-butyl Ether	5.434	73	26232	5.75	ug/l	99
20) Methylene Chloride	4.928	84	44152	8.41	ug/l	98
21) trans-1,2-Dichloroethene	5.428	96	23133	5.57	ug/l	93
22) Diisopropyl ether	6.306	45	51831	5.39	ug/l	91
23) Vinyl Acetate	6.257	43	136080	21.03	ug/l	100
24) 1,1-Dichloroethane	6.214	63	40900	5.49	ug/l	98
25) 2-Butanone	7.177	43	27311	28.42	ug/l	97
26) 2,2-Dichloropropane	7.165	77	21748	5.42	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	25347	5.50	ug/l	98
28) Bromochloromethane	7.519	49	16616	5.48	ug/l	100
29) Tetrahydrofuran	7.537	42	15355	27.32	ug/l	98
30) Chloroform	7.677	83	43427	5.74	ug/l	99
31) Cyclohexane	7.952	56	38062	6.11	ug/l #	82
32) 1,1,1-Trichloroethane	7.872	97	30723	5.46	ug/l	98
36) 1,1-Dichloropropene	8.086	75	33033	5.42	ug/l	99
37) Ethyl Acetate	7.263	43	13455	5.71	ug/l	98
38) Carbon Tetrachloride	8.073	117	28035	5.22	ug/l	94
39) Methylcyclohexane	9.335	83	34375	5.10	ug/l	97
40) Benzene	8.323	78	95513	5.61	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	6542	5.08	ug/l	97
42) 1,2-Dichloroethane	8.403	62	28956	5.73	ug/l	99
43) Isopropyl Acetate	8.427	43	21858	4.97	ug/l	94
44) Trichloroethene	9.098	130	24309	5.53	ug/l	98
45) 1,2-Dichloropropane	9.372	63	23049	5.59	ug/l	98
46) Dibromomethane	9.457	93	12557	5.61	ug/l	99
47) Bromodichloromethane	9.646	83	30659	5.51	ug/l #	91
48) Methyl methacrylate	9.439	41	9991	4.95	ug/l	96
49) 1,4-Dioxane	9.451	88	3049	119.54	ug/l #	86
51) 4-Methyl-2-Pentanone	10.213	43	63293	27.78	ug/l	99
52) Toluene	10.390	92	59974	5.55	ug/l	99
53) t-1,3-Dichloropropene	10.604	75	27320	4.99	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	32920	5.05	ug/l	99
55) 1,1,2-Trichloroethane	10.793	97	17186	5.56	ug/l	94
56) Ethyl methacrylate	10.646	69	20010	5.15	ug/l	99
57) 1,3-Dichloropropane	10.933	76	30041	5.43	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.927	63	50045	24.91	ug/l	100
59) 2-Hexanone	10.969	43	40334	26.64	ug/l	97
60) Dibromochloromethane	11.128	129	17868	5.16	ug/l	99
61) 1,2-Dibromoethane	11.238	107	16434	5.52	ug/l	99
64) Tetrachloroethene	10.866	164	19863	5.44	ug/l	96
65) Chlorobenzene	11.658	112	63506	5.55	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	20597	5.28	ug/l	100
67) Ethyl Benzene	11.731	91	113684	5.37	ug/l	98
68) m/p-Xylenes	11.841	106	83845	10.55	ug/l	99
69) o-Xylene	12.164	106	38801	5.23	ug/l	99
70) Styrene	12.182	104	65719	5.22	ug/l	99
71) Bromoform	12.353	173	9411	4.80	ug/l #	98
73) Isopropylbenzene	12.463	105	102987	5.22	ug/l	100
74) N-amyl acetate	12.274	43	17143	4.21	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	19796	5.60	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	13100m	5.15	ug/l	
77) Bromobenzene	12.749	156	24499	5.63	ug/l	96
78) n-propylbenzene	12.804	91	129997	5.38	ug/l	100
79) 2-Chlorotoluene	12.890	91	75409	5.48	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	87964	5.25	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.512	75	4537	4.35	ug/l	91
82) 4-Chlorotoluene	12.987	91	79092	5.42	ug/l	98
83) tert-Butylbenzene	13.207	119	74363	5.26	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	88724	5.33	ug/l	100
85) sec-Butylbenzene	13.384	105	111554	5.32	ug/l	100
86) p-Isopropyltoluene	13.499	119	93101	5.13	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	49287	5.54	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	50869	5.80	ug/l	96
89) n-Butylbenzene	13.822	91	91810	5.14	ug/l	99
90) Hexachloroethane	14.091	117	14757	5.19	ug/l	97
91) 1,2-Dichlorobenzene	13.871	146	44025	5.60	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.487	75	2967	5.26	ug/l	97
93) 1,2,4-Trichlorobenzene	15.127	180	29391	5.58	ug/l	94
94) Hexachlorobutadiene	15.231	225	16822	5.53	ug/l	96
95) Naphthalene	15.365	128	51842	5.40	ug/l	100
96) 1,2,3-Trichlorobenzene	15.548	180	26561	5.83	ug/l	98

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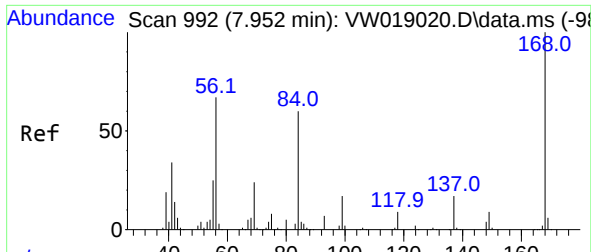
Manual Integrations
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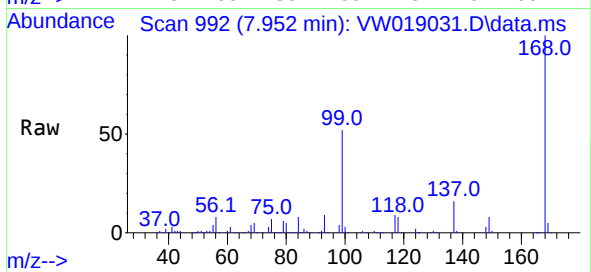
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Response via : Initial Calibration

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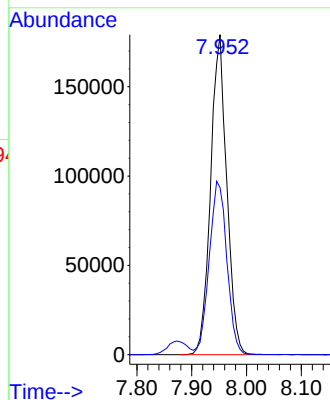
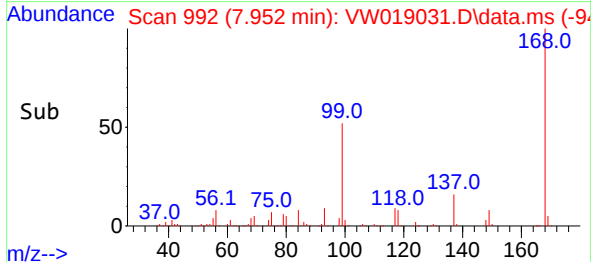
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW019031.D
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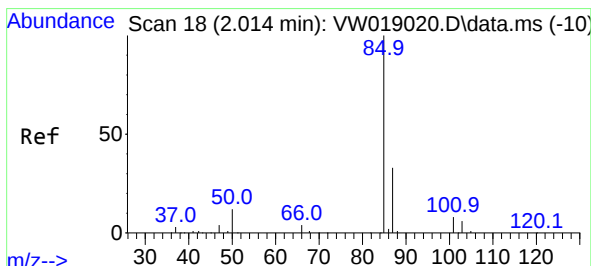
Tgt Ion:168 Resp: 364845
Ion Ratio Lower Upper
168 100
99 52.2 48.8 73.2



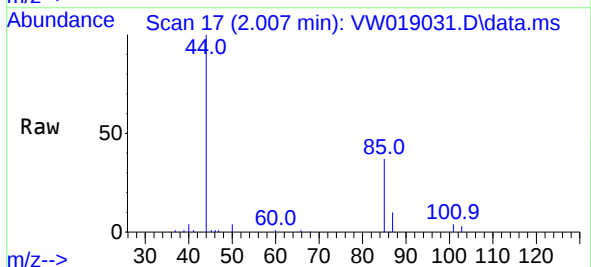
Instrument :
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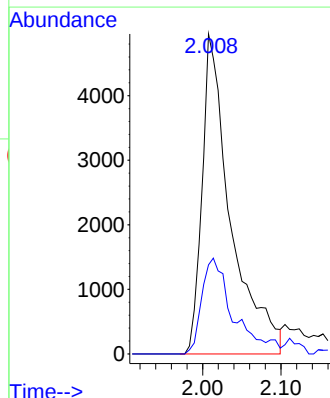
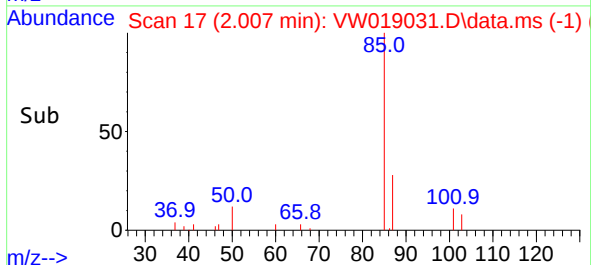
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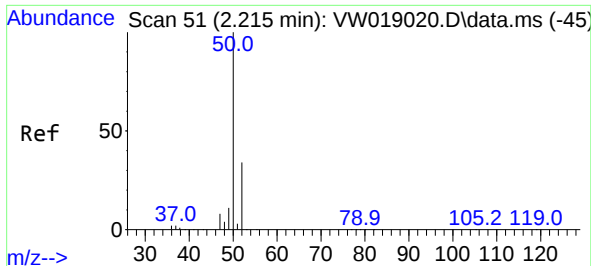


#2
Dichlorodifluoromethane
Concen: 5.10 ug/l
RT: 2.007 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



Tgt Ion: 85 Resp: 12526
Ion Ratio Lower Upper
85 100
87 27.8 16.7 50.0





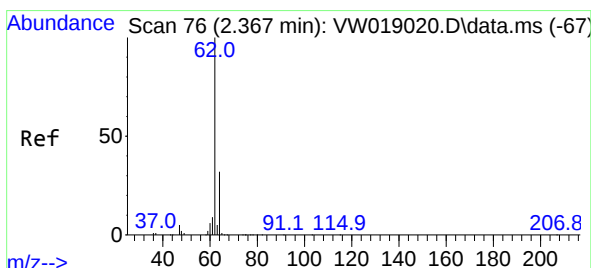
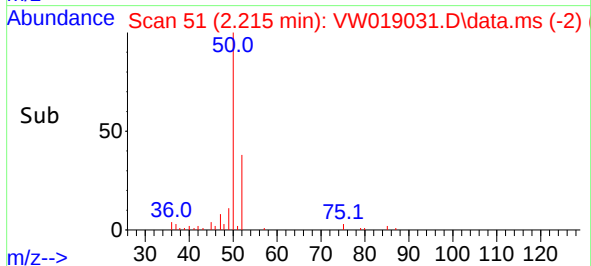
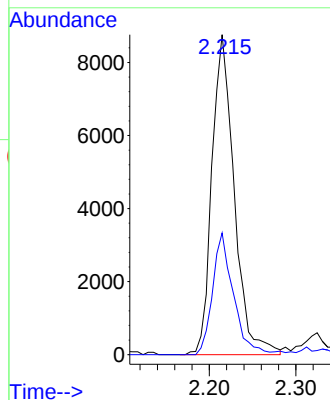
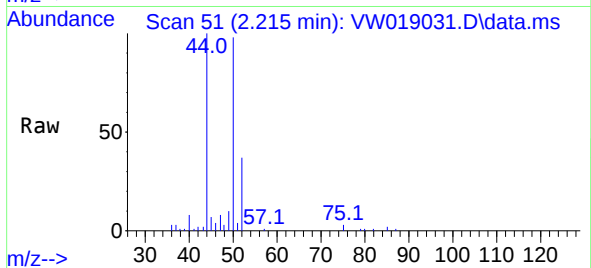
#3
Chloromethane
Concen: 5.75 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion: 50 Resp: 15673
Ion Ratio Lower Upper
50 100
52 38.0 26.9 40.3

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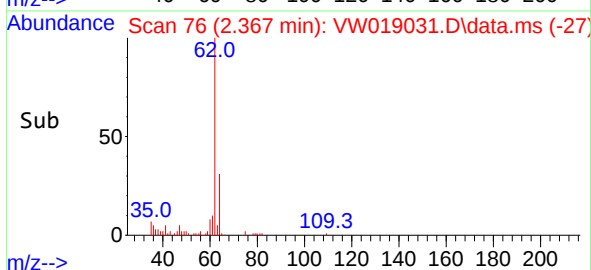
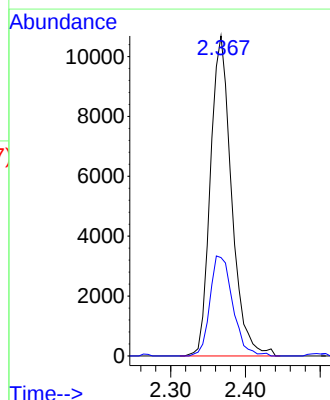
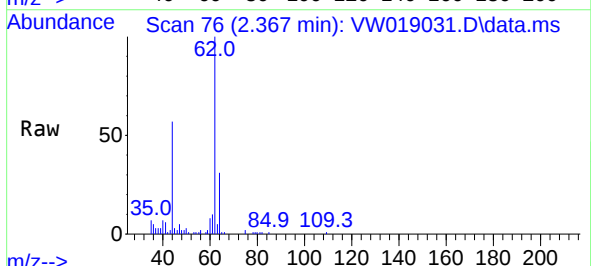
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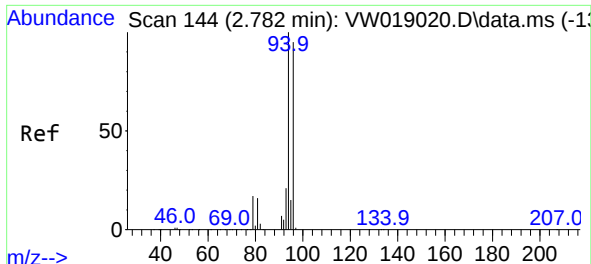
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#4
Vinyl Chloride
Concen: 5.24 ug/l
RT: 2.367 min Scan# 76
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

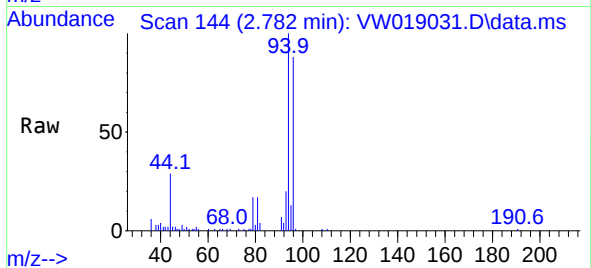
Tgt Ion: 62 Resp: 20976
Ion Ratio Lower Upper
62 100
64 30.8 25.3 37.9





#5
Bromomethane
Concen: 5.68 ug/l
RT: 2.782 min Scan# 144
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

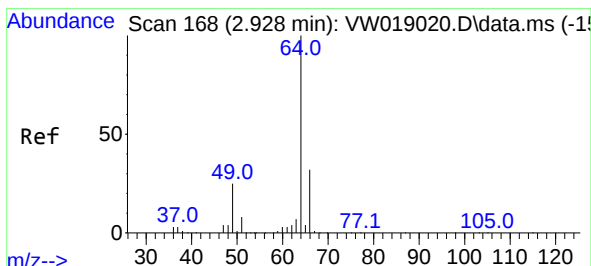
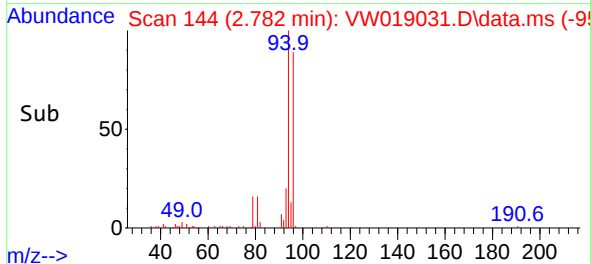
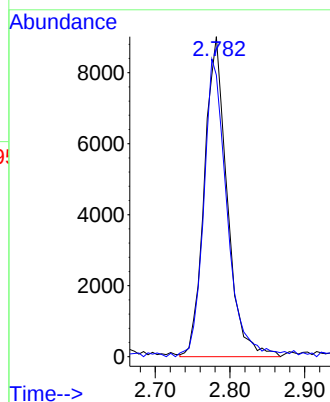
Instrument :
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Tgt Ion: 94 Resp: 19053
Ion Ratio Lower Upper
94 100
96 86.9 76.4 114.6

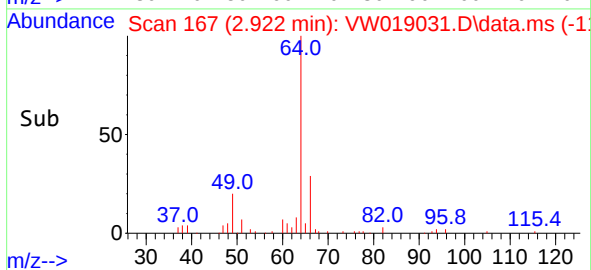
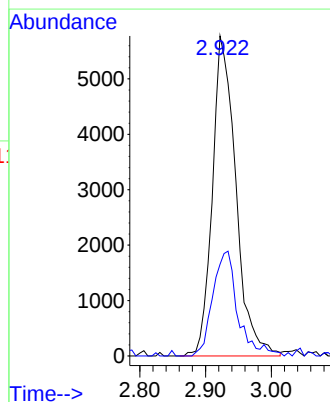
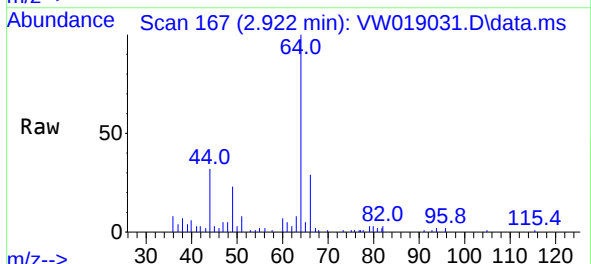
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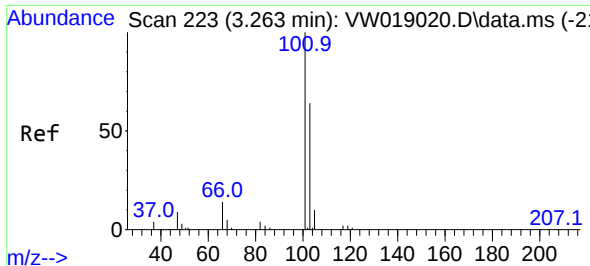
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#6
Chloroethane
Concen: 5.22 ug/l
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion: 64 Resp: 14358
Ion Ratio Lower Upper
64 100
66 28.6 25.9 38.9





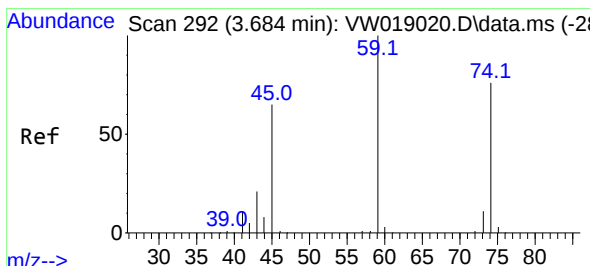
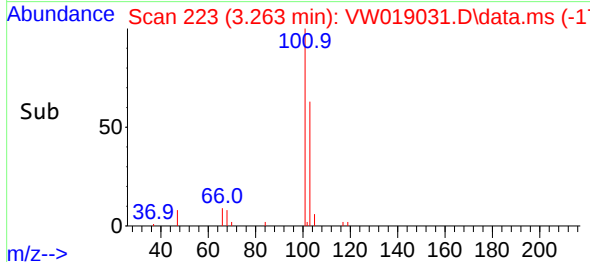
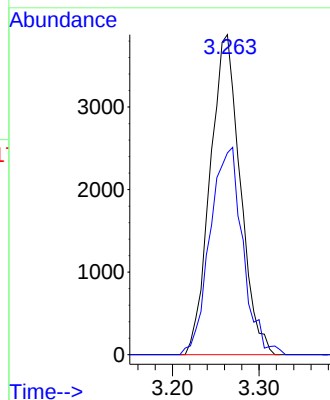
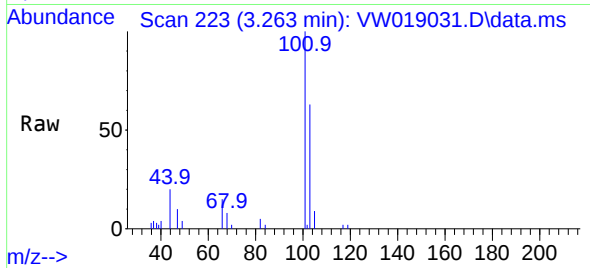
#7
 Trichlorofluoromethane
 Concen: 4.25 ug/l
 RT: 3.263 min Scan# 223
 Delta R.T. -0.000 min
 Lab File: VW019031.D
 Acq: 18 May 2021 21:30

Tgt Ion: 101 Resp: 9350
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.4 77.2

Instrument :
 MSVOA_W
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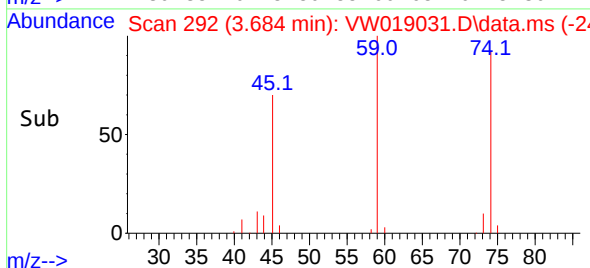
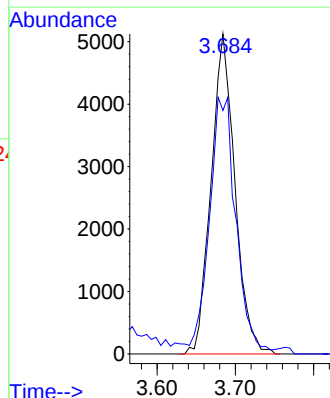
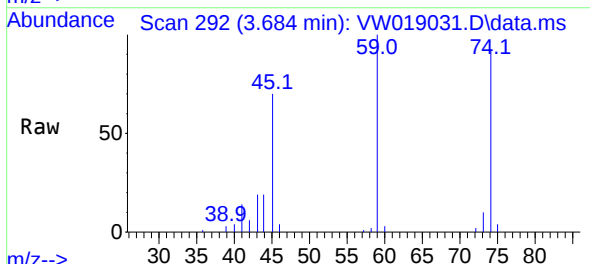
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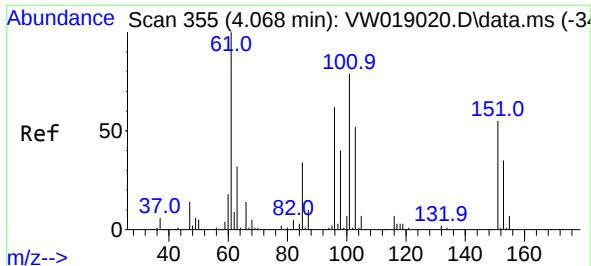
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#8
 Diethyl Ether
 Concen: 5.66 ug/l
 RT: 3.684 min Scan# 292
 Delta R.T. -0.000 min
 Lab File: VW019031.D
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Tgt Ion: 74 Resp: 10846
 Ion Ratio Lower Upper
 74 100
 45 85.5 43.3 129.8





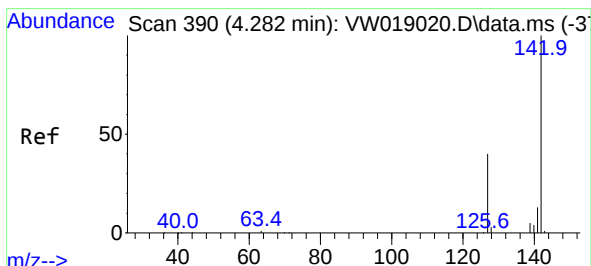
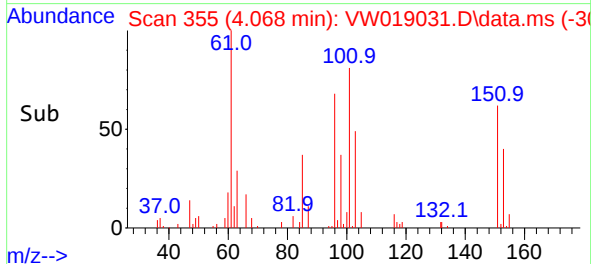
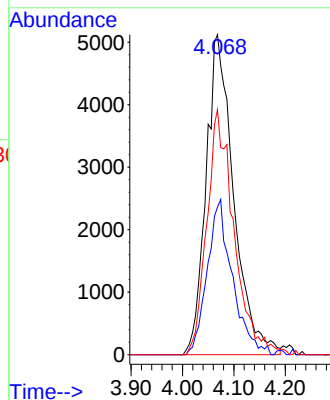
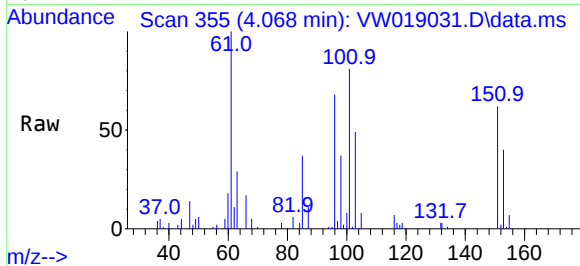
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1,1,2-Trichlorotrifluoroethane
Concen: 5.37 ug/l
RT: 4.068 min Scan# 355
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion:	101	Resp:	19128
Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.9	53.9
151	75.1	59.8	89.6

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

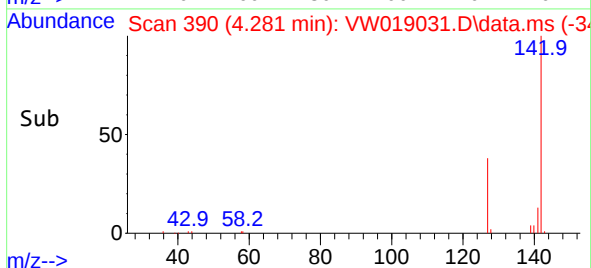
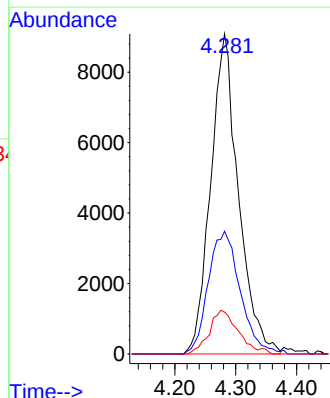
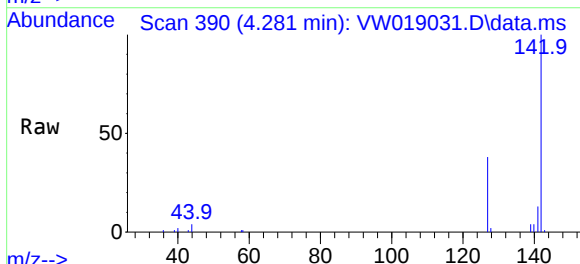
Manual Integrations
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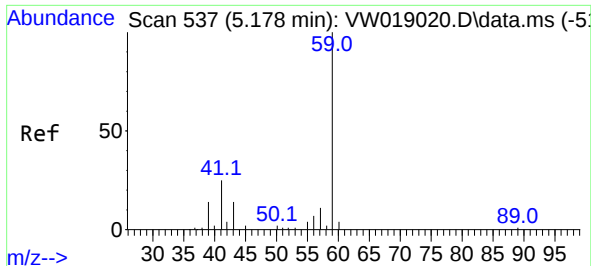
MMDadoda
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#10
Methyl Iodide
Concen: 5.50 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

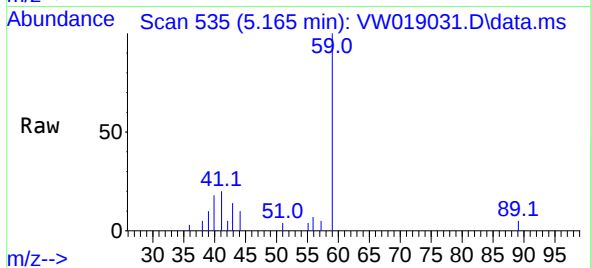
Tgt Ion:	142	Resp:	28746
Ion	Ratio	Lower	Upper
142	100		
127	44.1	33.7	50.5
141	14.3	11.2	16.8





#11
Tert butyl alcohol
Concen: 38.87 ug/l
RT: 5.165 min Scan# 535
Delta R.T. -0.013 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

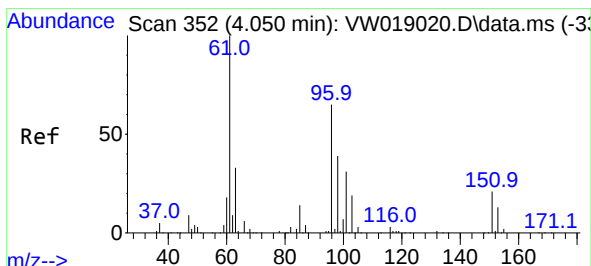
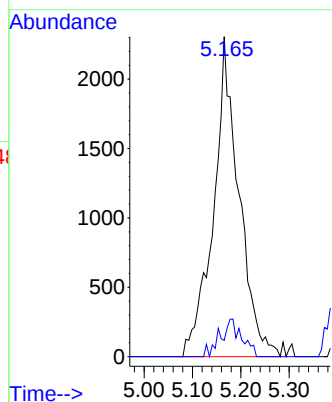
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



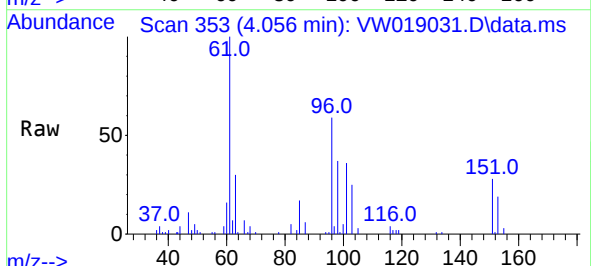
Tgt Ion: 59 Resp: 8421
Ion Ratio Lower Upper
59 100
57 9.4 8.9 13.3

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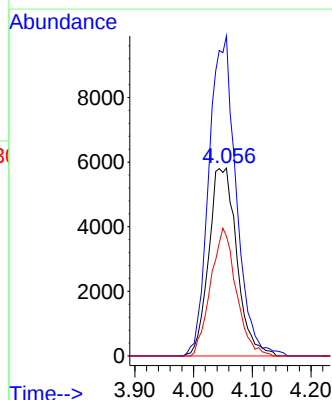
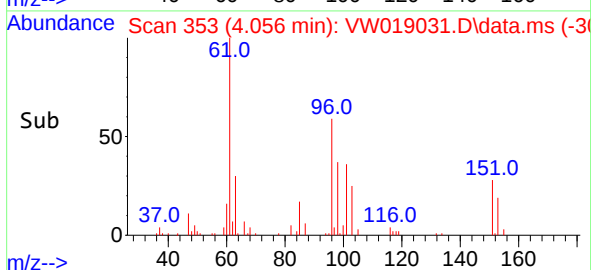
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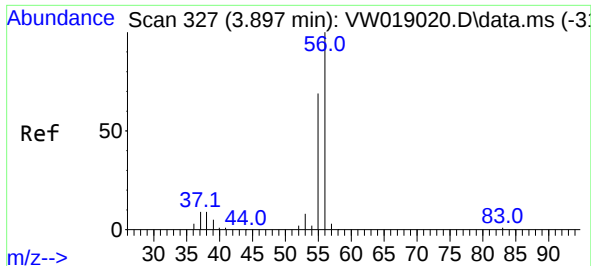


#12
1,1-Dichloroethene
Concen: 5.31 ug/l
RT: 4.056 min Scan# 353
Delta R.T. 0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

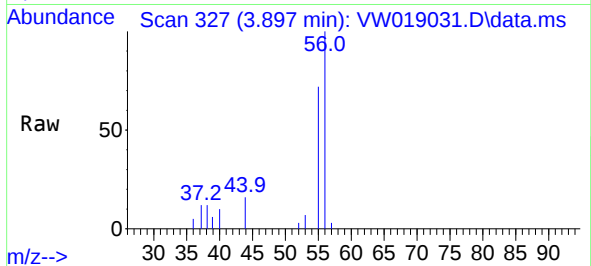


Tgt Ion: 96 Resp: 19289
Ion Ratio Lower Upper
96 100
61 170.3 123.0 184.4
98 63.8 47.5 71.3

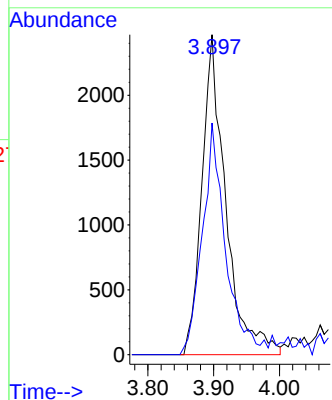
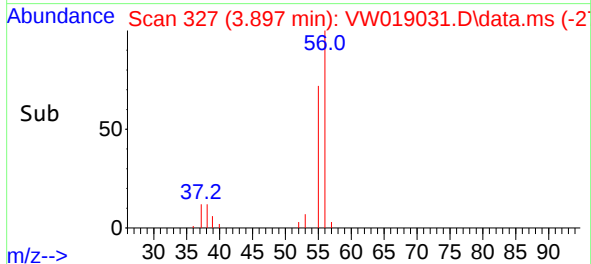




#13
Acrolein
Concen: 25.24 ug/l
RT: 3.897 min Scan# 327
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



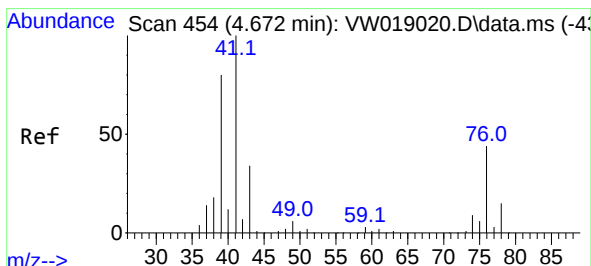
Tgt Ion: 56 Resp: 6203
Ion Ratio Lower Upper
56 100
55 70.3 56.7 85.1



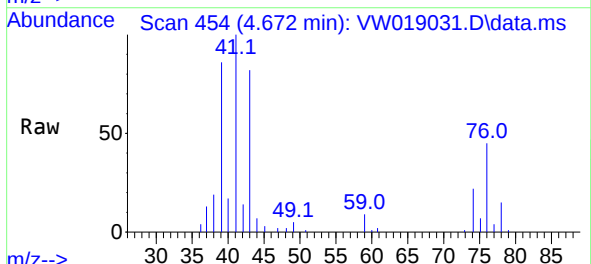
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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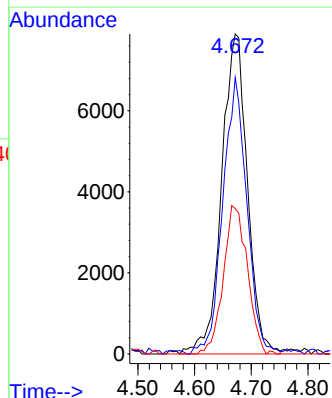
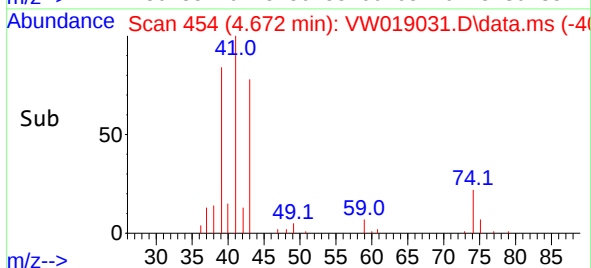
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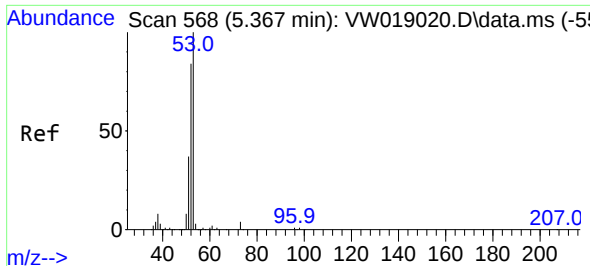


#14
Allyl chloride
Concen: 5.26 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



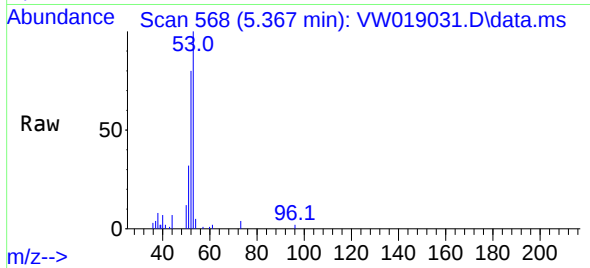
Tgt Ion: 41 Resp: 24884
Ion Ratio Lower Upper
41 100
39 80.6 63.9 95.9
76 43.4 35.1 52.7





#15
Acrylonitrile
Concen: 27.97 ug/l
RT: 5.367 min Scan# 568
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

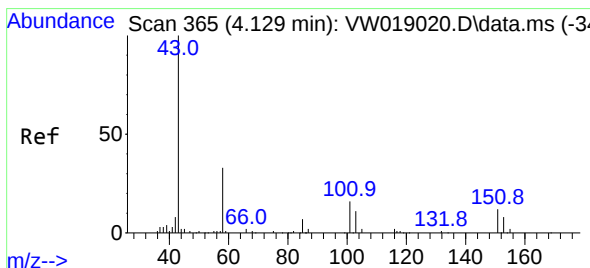
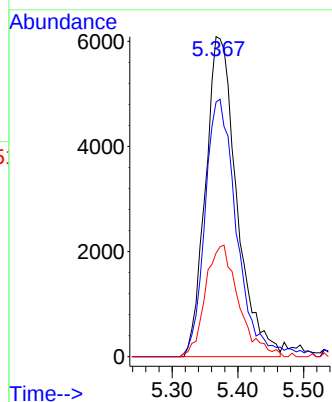
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



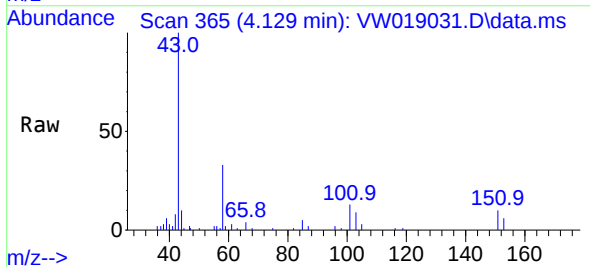
Tgt Ion:	53	Resp:	20094
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.5	99.7
51	37.1	29.8	44.8

Manual Integrations
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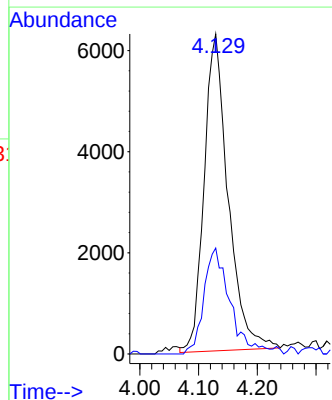
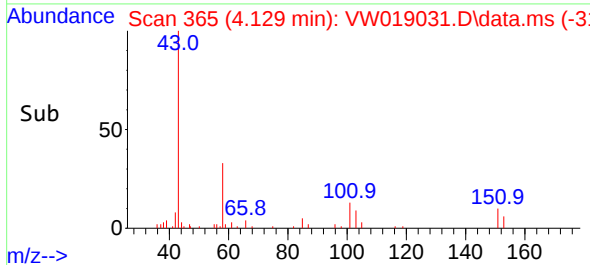
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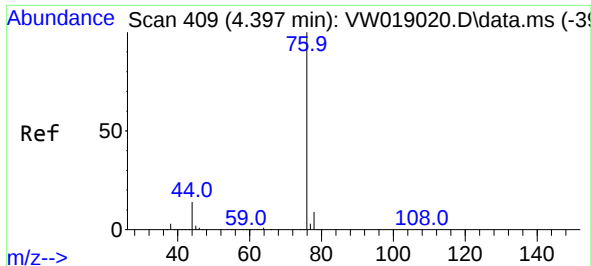


#16
Acetone
Concen: 30.41 ug/l
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



Tgt Ion:	43	Resp:	17793
Ion	Ratio	Lower	Upper
43	100		
58	33.7	26.4	39.6





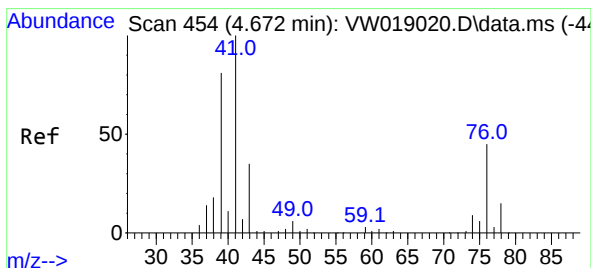
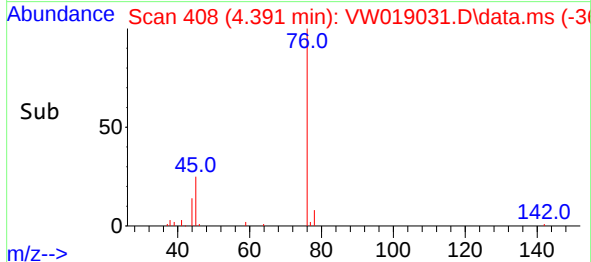
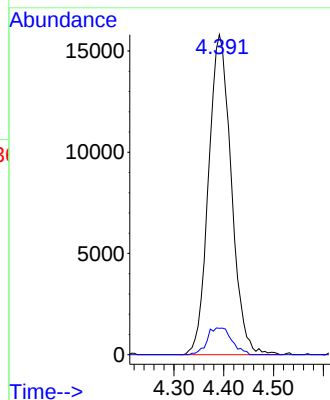
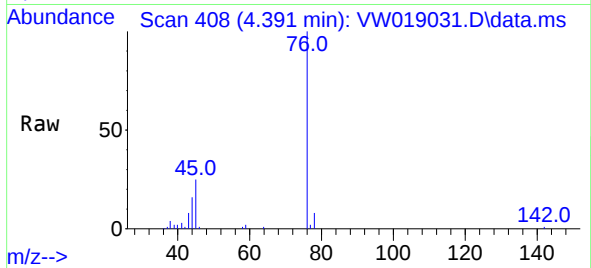
#17
Carbon Disulfide
Concen: 5.05 ug/l
RT: 4.391 min Scan# 408
Delta R.T. -0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion: 76 Resp: 50107
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2

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

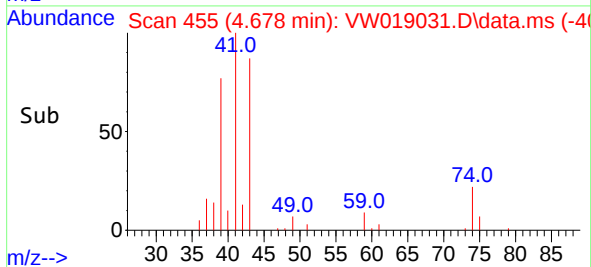
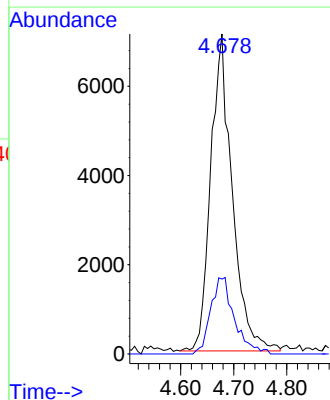
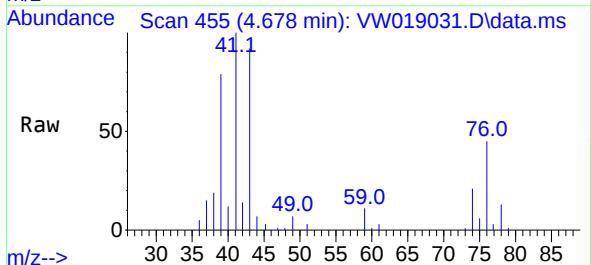
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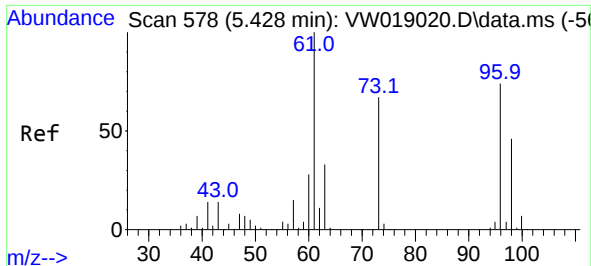
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#18
Methyl Acetate
Concen: 11.61 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion: 43 Resp: 19990
Ion Ratio Lower Upper
43 100
74 26.6 21.8 32.8





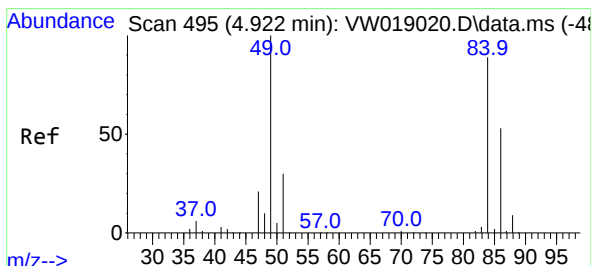
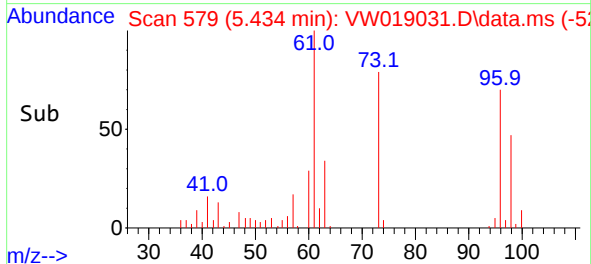
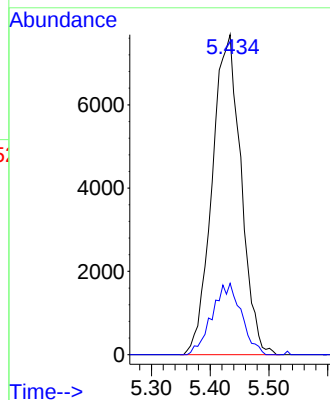
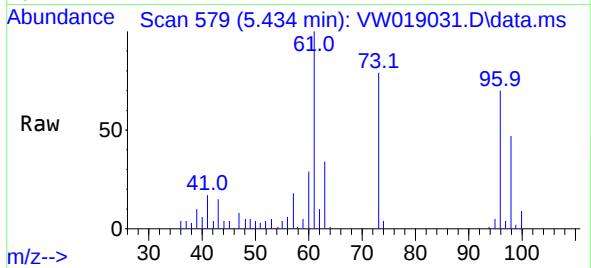
#19
Methyl tert-butyl Ether
Concen: 5.75 ug/l
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion: 73 Resp: 26232
Ion Ratio Lower Upper
73 100
57 22.3 17.4 26.0

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

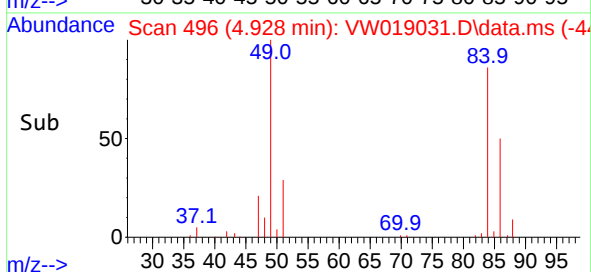
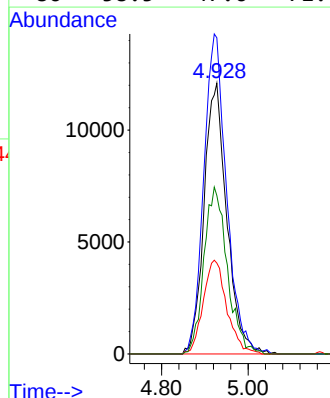
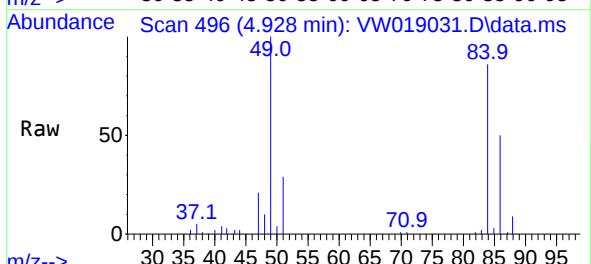
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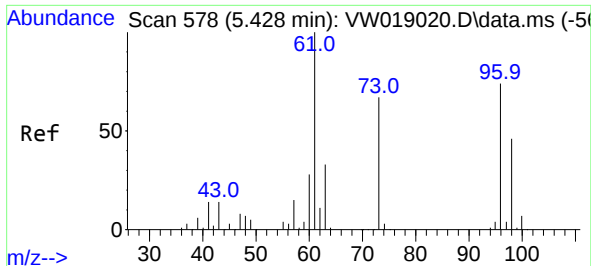
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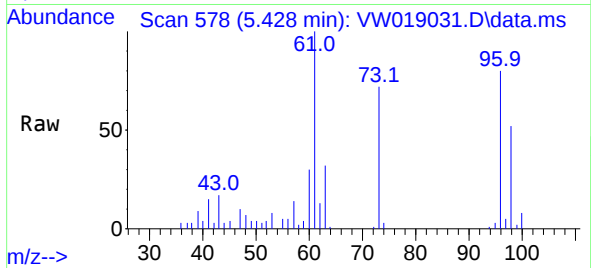
#20
Methylene Chloride
Concen: 8.41 ug/l
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion: 84 Resp: 44152
Ion Ratio Lower Upper
84 100
49 116.8 90.4 135.6
51 33.6 27.1 40.7
86 58.5 47.6 71.4



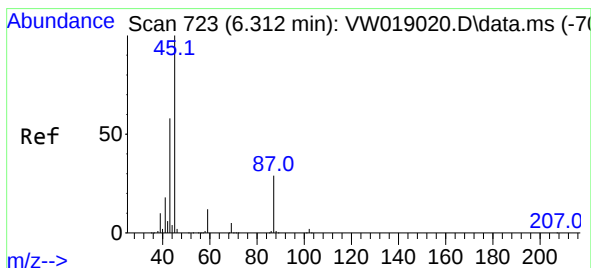
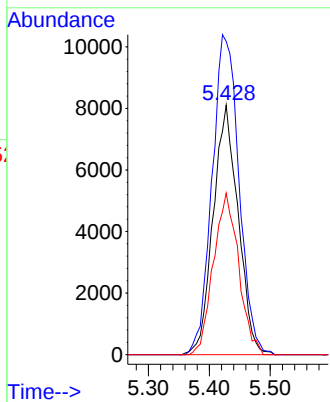
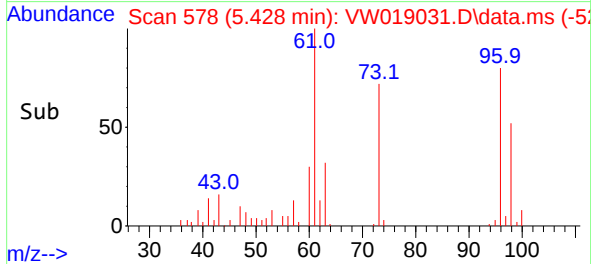


#21
trans-1,2-Dichloroethene
Concen: 5.57 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

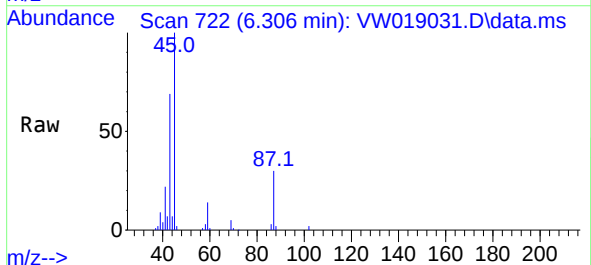


Tgt Ion: 96 Resp: 23133

Ion	Ratio	Lower	Upper
96	100		
61	125.5	108.5	162.7
98	64.7	49.4	74.0

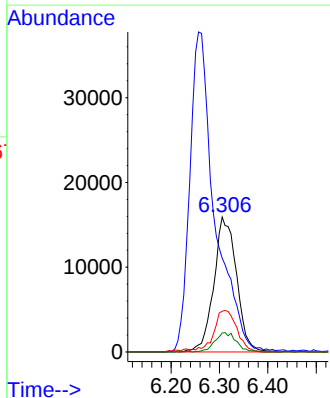
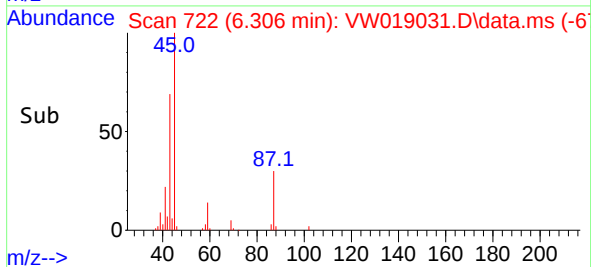


#22
Diisopropyl ether
Concen: 5.39 ug/l
RT: 6.306 min Scan# 722
Delta R.T. -0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



Tgt Ion: 45 Resp: 51831

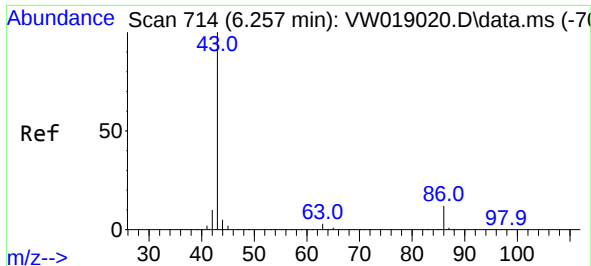
Ion	Ratio	Lower	Upper
45	100		
43	68.3	46.1	69.1
87	30.2	23.4	35.2
59	14.0	9.7	14.5



Instrument :
MSVOA_W
ClientSampleId :
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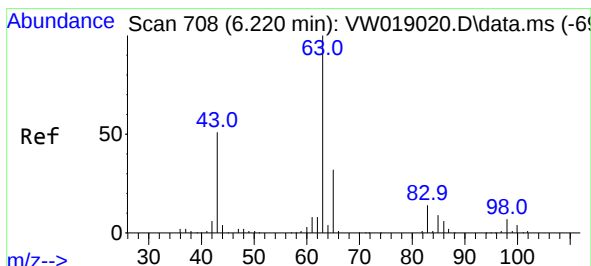
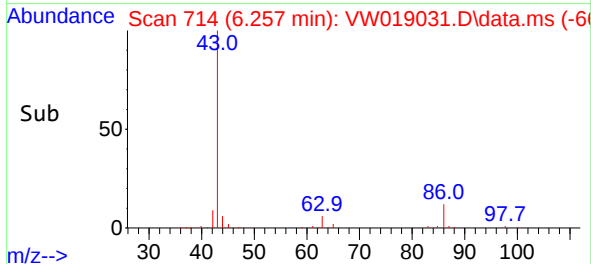
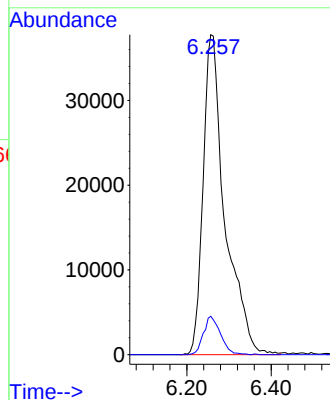
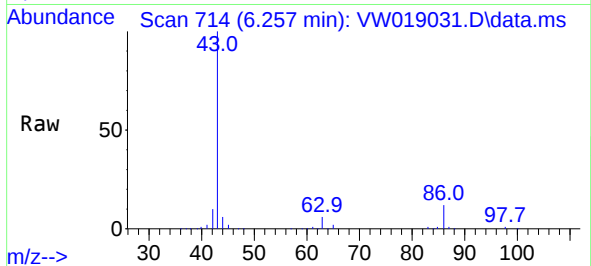
#23
 Vinyl Acetate
 Concen: 21.03 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW019031.D
 Acq: 18 May 2021 21:30

Tgt Ion: 43 Resp: 136080
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.6 14.4

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

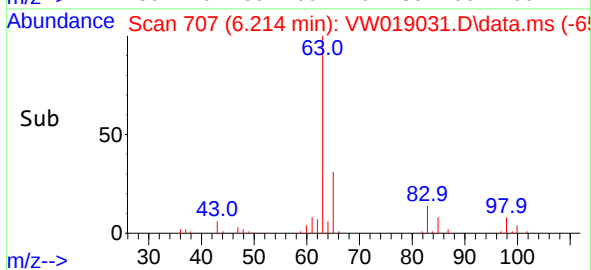
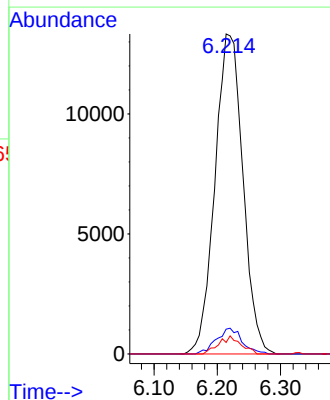
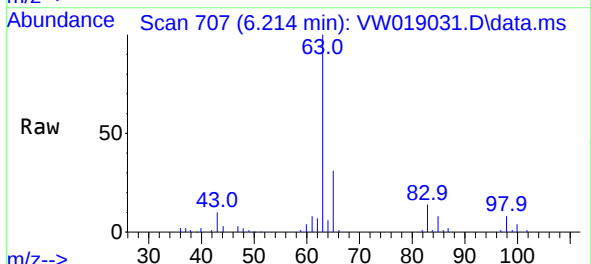
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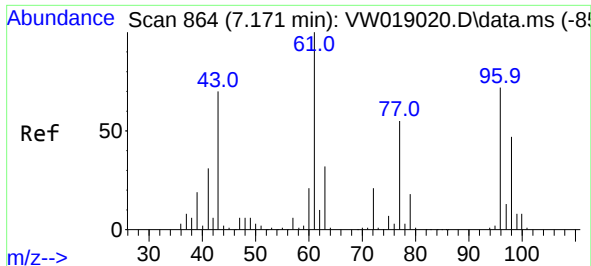
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#24
 1,1-Dichloroethane
 Concen: 5.49 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. -0.006 min
 Lab File: VW019031.D
 Acq: 18 May 2021 21:30

Tgt Ion: 63 Resp: 40900
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.9
 100 3.6 2.3 6.8





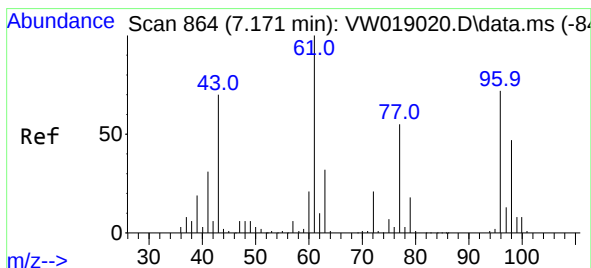
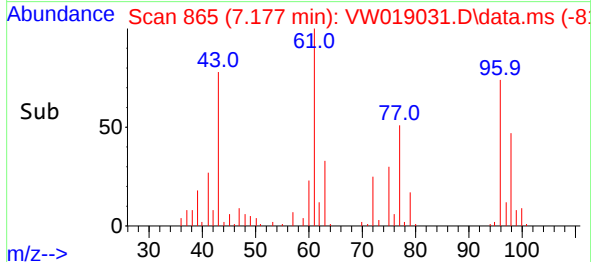
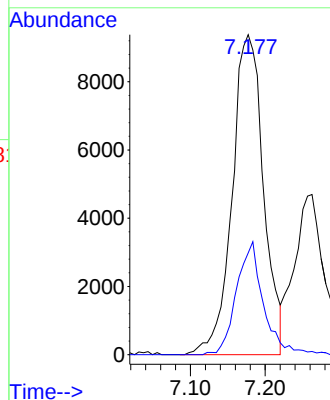
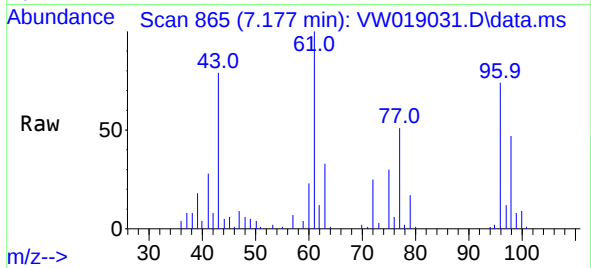
#25
2-Butanone
Concen: 28.42 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion: 43 Resp: 27311
Ion Ratio Lower Upper
43 100
72 31.8 24.0 36.0

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

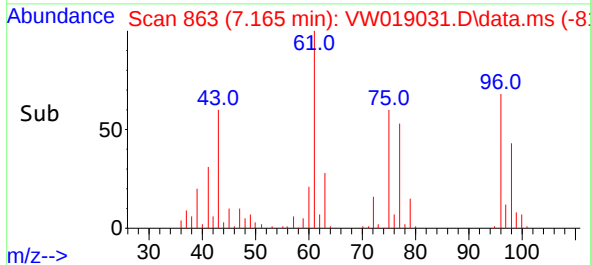
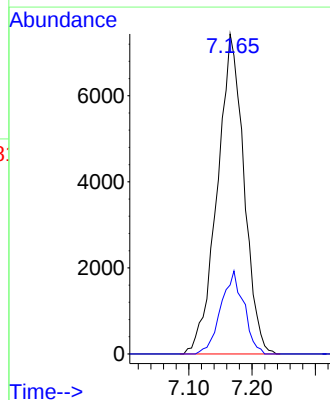
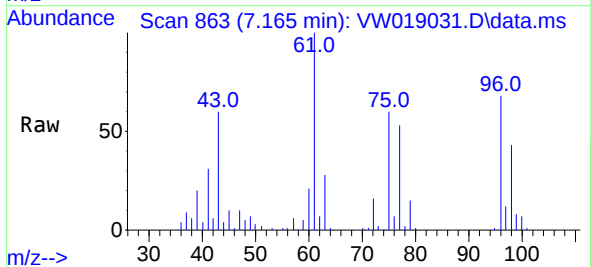
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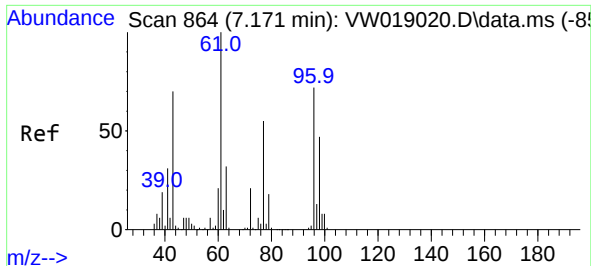
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5/20/2021 5:59:04 PM



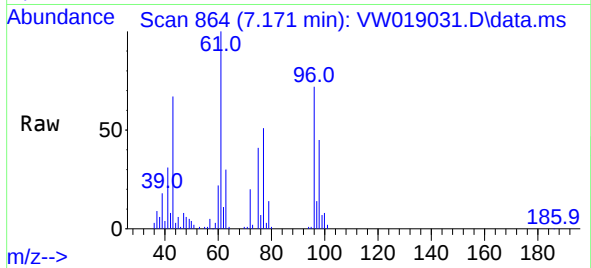
#26
2,2-Dichloropropane
Concen: 5.42 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion: 77 Resp: 21748
Ion Ratio Lower Upper
77 100
97 22.4 11.8 35.3

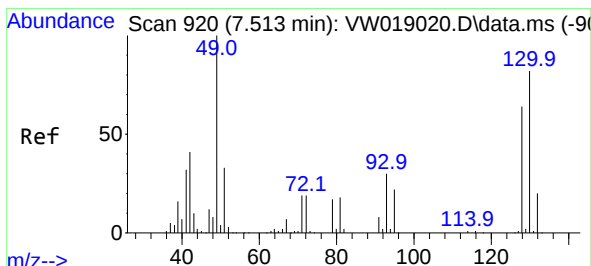
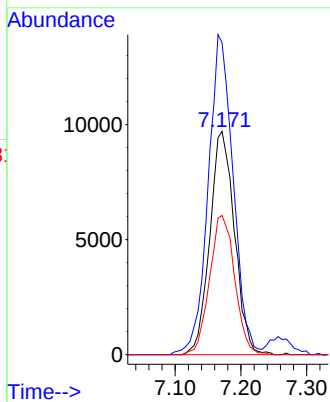
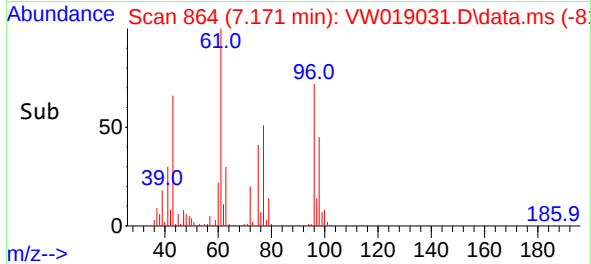




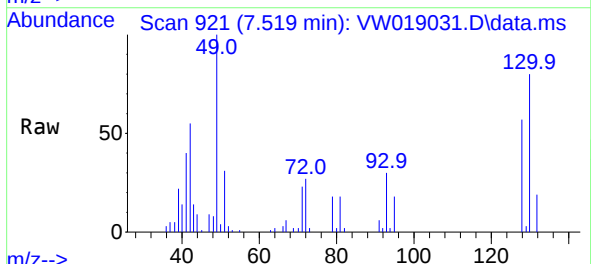
#27
cis-1,2-Dichloroethene
Concen: 5.50 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



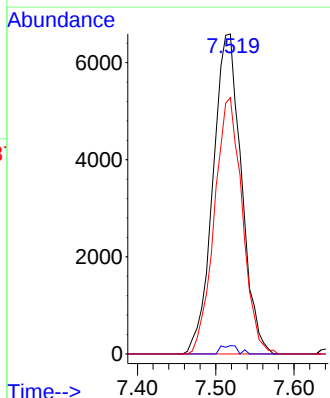
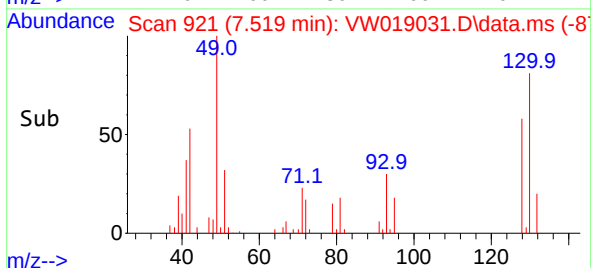
Tgt Ion: 96 Resp: 25347
Ion Ratio Lower Upper
96 100
61 144.9 0.0 281.2
98 63.6 0.0 127.4



#28
Bromochloromethane
Concen: 5.48 ug/l
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



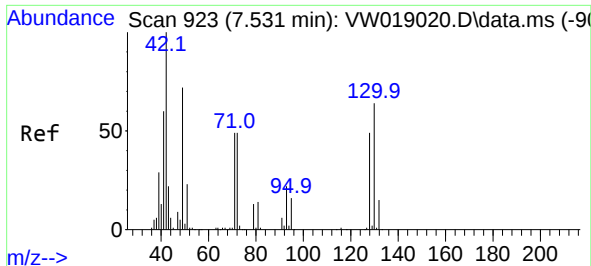
Tgt Ion: 49 Resp: 16616
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.4
130 78.5 63.0 94.4



Instrument :
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#29

Tetrahydrofuran

Concen: 27.32 ug/l

RT: 7.537 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW019031.D

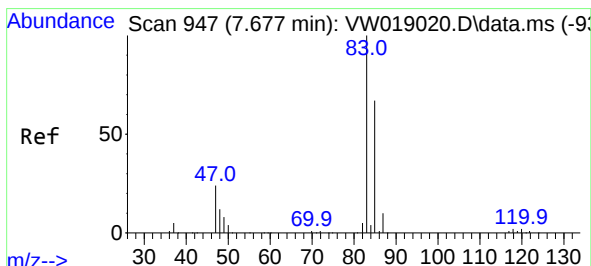
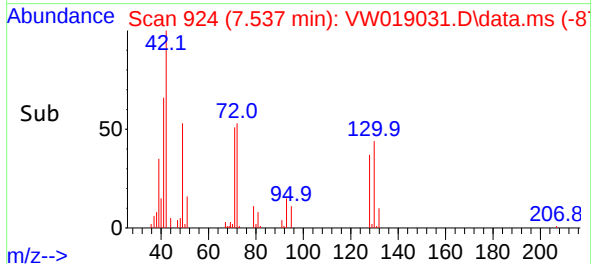
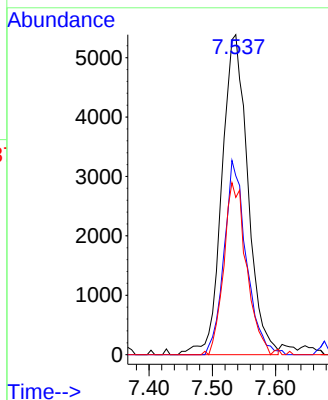
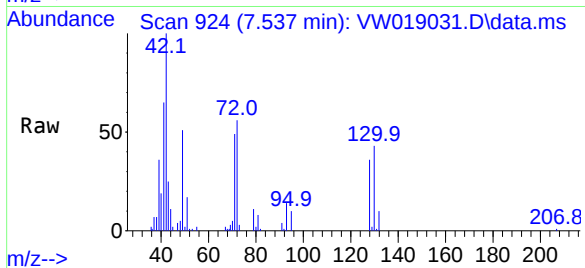
Acq: 18 May 2021 21:30

Tgt Ion:	42	Resp:	15355
Ion	Ratio	Lower	Upper
42	100		
72	52.0	40.1	60.1
71	47.1	38.3	57.5

Instrument :
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ClientSampleId :
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#30

Chloroform

Concen: 5.74 ug/l

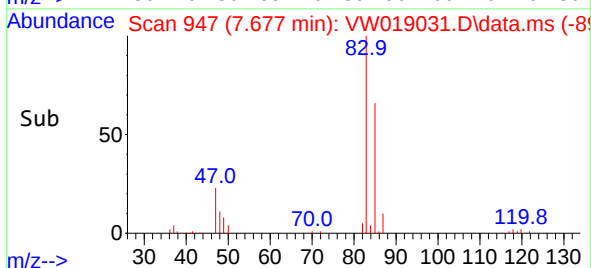
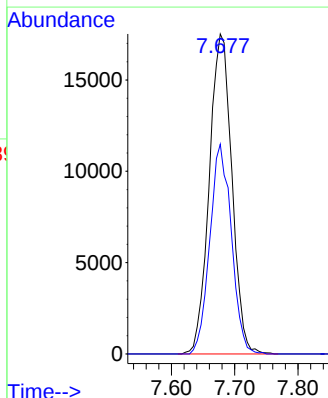
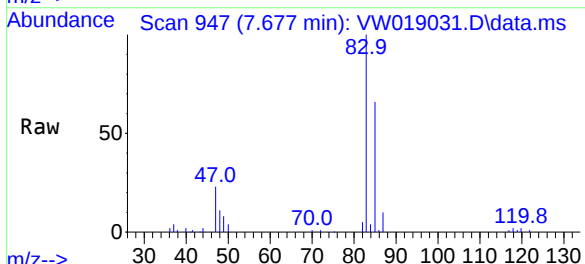
RT: 7.677 min Scan# 947

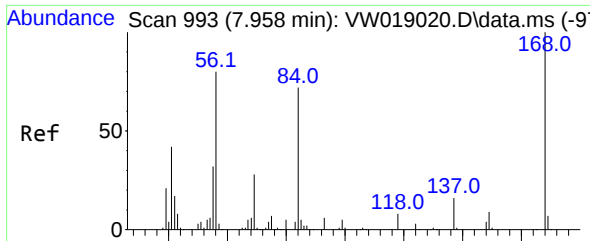
Delta R.T. -0.000 min

Lab File: VW019031.D

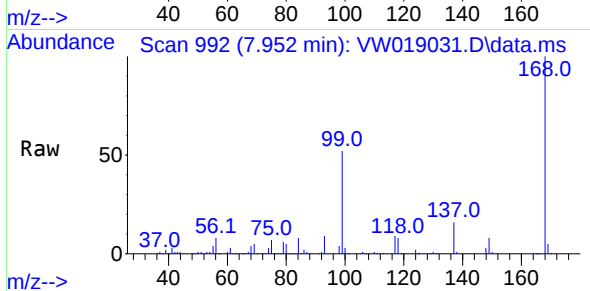
Acq: 18 May 2021 21:30

Tgt Ion:	83	Resp:	43427
Ion	Ratio	Lower	Upper
83	100		
85	65.6	53.4	80.0

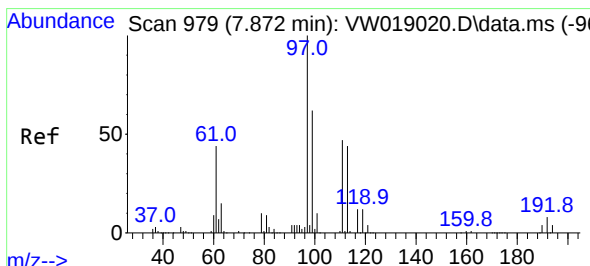
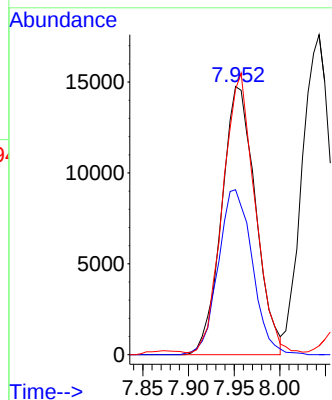
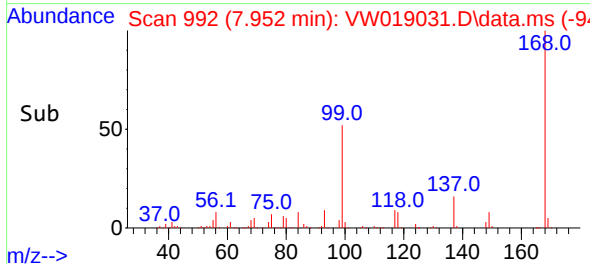




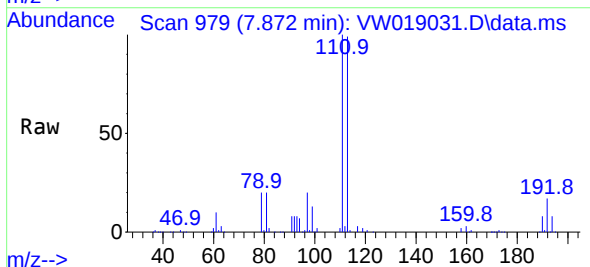
#31
Cyclohexane
Concen: 6.11 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



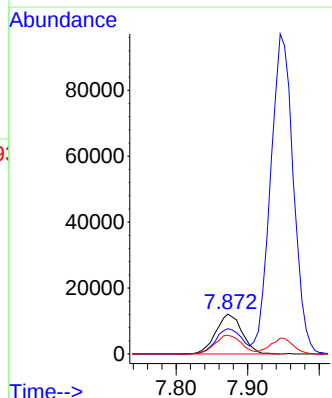
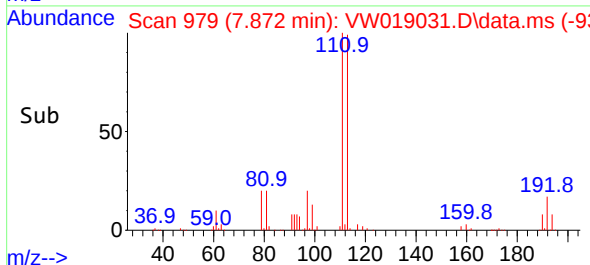
Tgt Ion: 56 Resp: 38062
Ion Ratio Lower Upper
56 100
69 61.5 28.4 42.6#
84 97.8 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 5.46 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



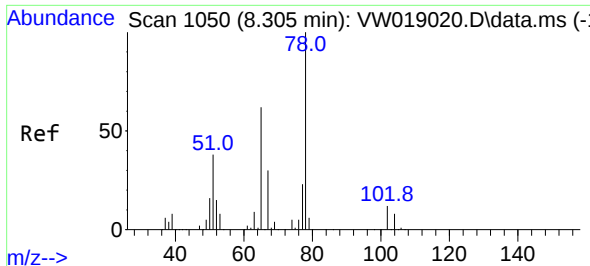
Tgt Ion: 97 Resp: 30723
Ion Ratio Lower Upper
97 100
99 63.3 52.2 78.4
61 47.2 36.7 55.1



Instrument :
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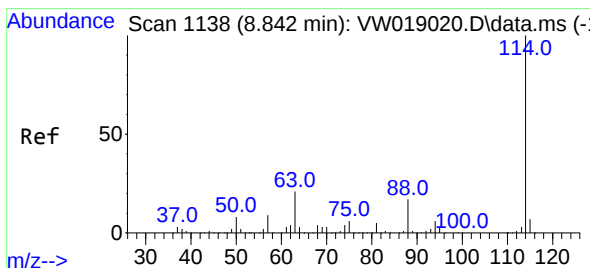
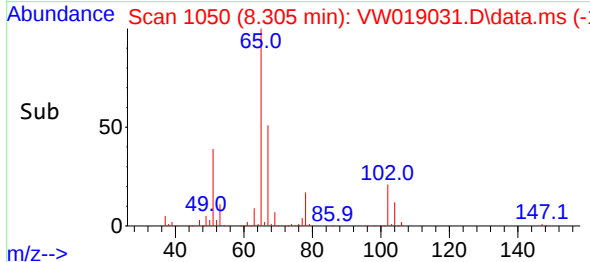
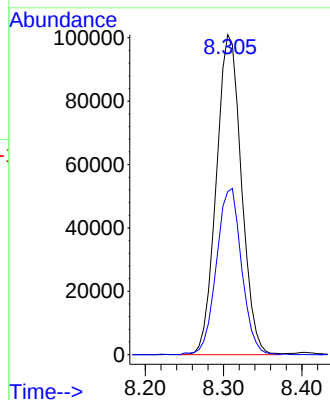
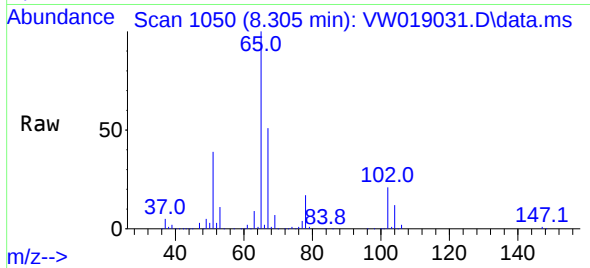
#33
1,2-Dichloroethane-d4
Concen: 60.50 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW019031.D
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Tgt Ion: 65 Resp: 225148
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

Instrument :
MSVOA_W
ClientSampleId :
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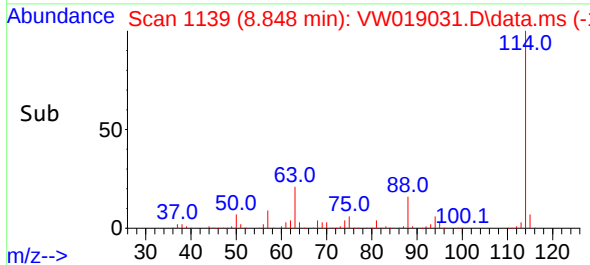
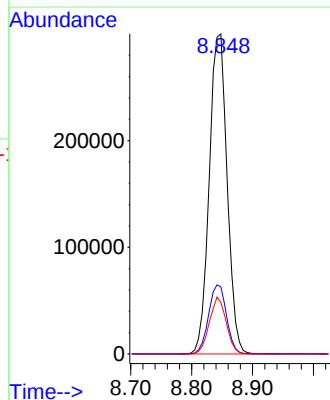
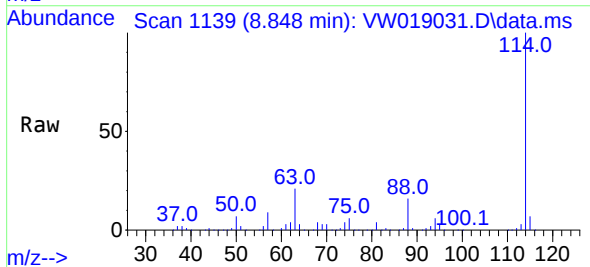
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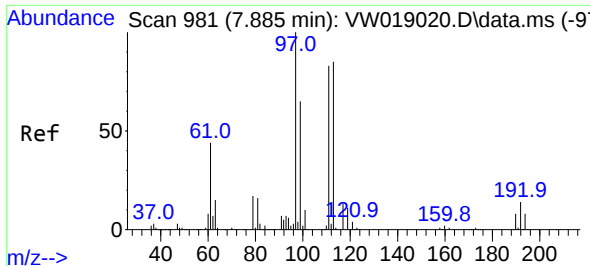
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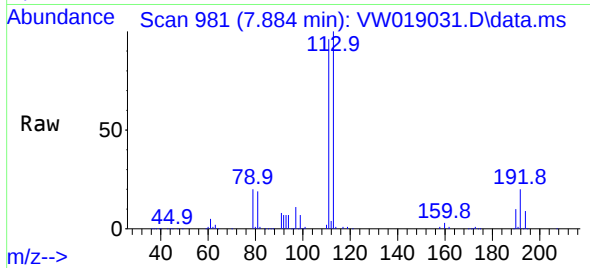
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion: 114 Resp: 612024
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.4
88 16.1 0.0 33.2



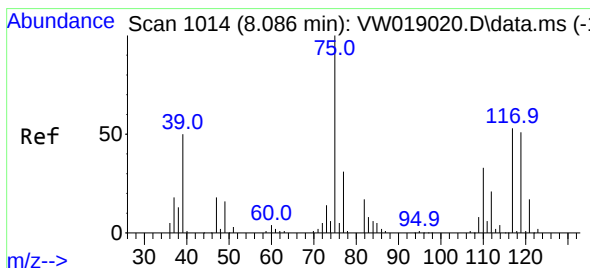
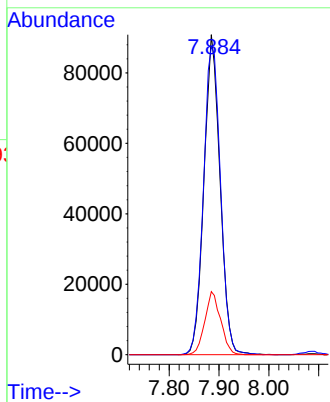
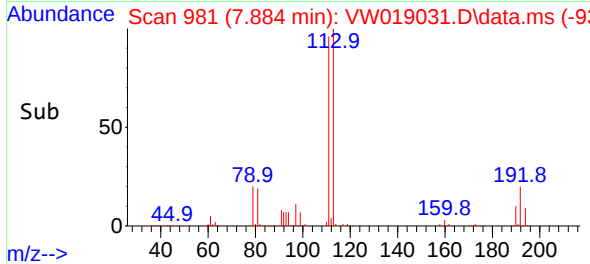


#35
Dibromofluoromethane
Concen: 59.56 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

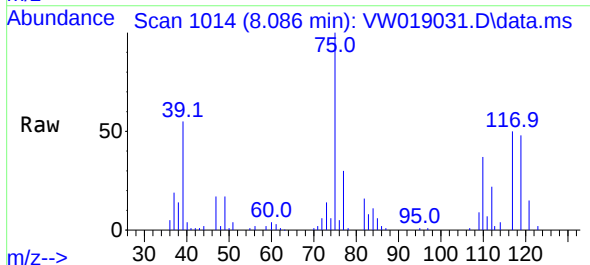


Tgt Ion: 113 Resp: 202977

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.3	123.5
192	19.4	15.3	22.9

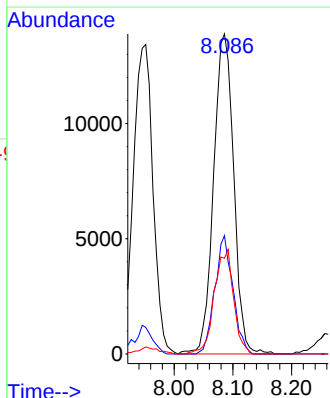
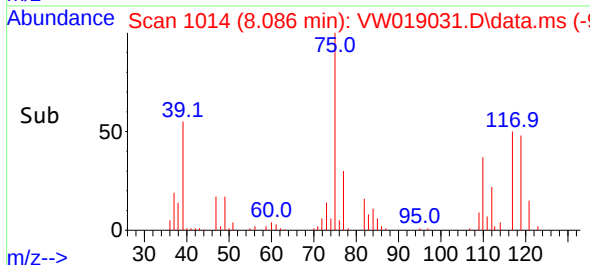


#36
1,1-Dichloropropene
Concen: 5.42 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



Tgt Ion: 75 Resp: 33033

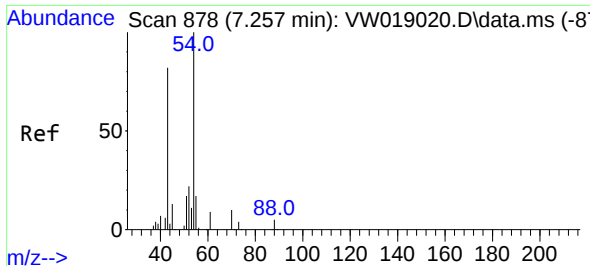
Ion	Ratio	Lower	Upper
75	100		
110	33.2	17.1	51.2
77	31.3	25.3	37.9



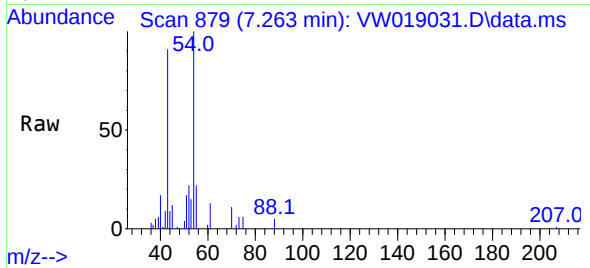
Instrument :
MSVOA_W
ClientSampleId :
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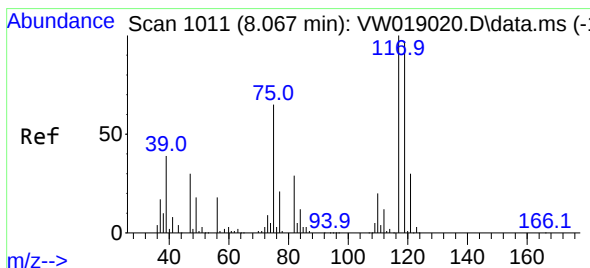
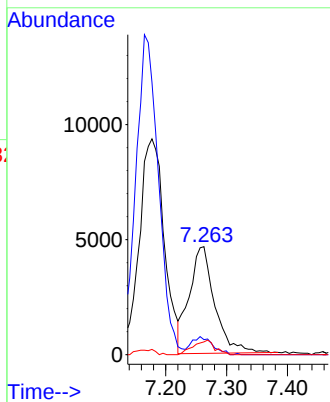
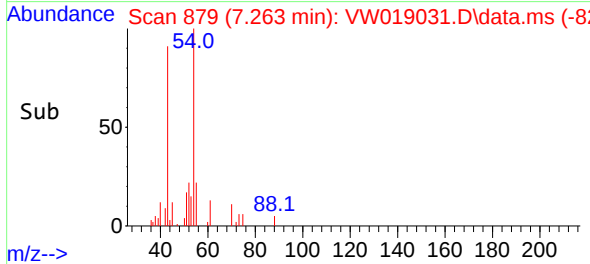
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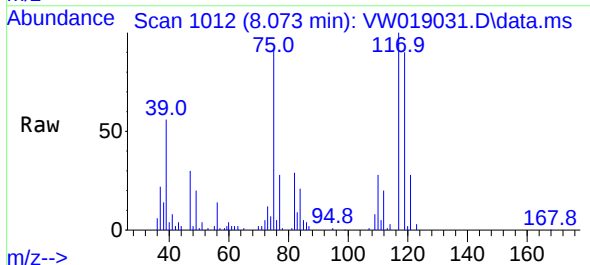
#37
Ethyl Acetate
Concen: 5.71 ug/l
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



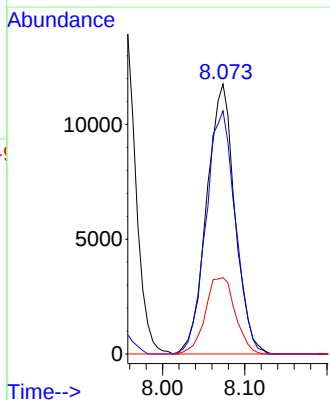
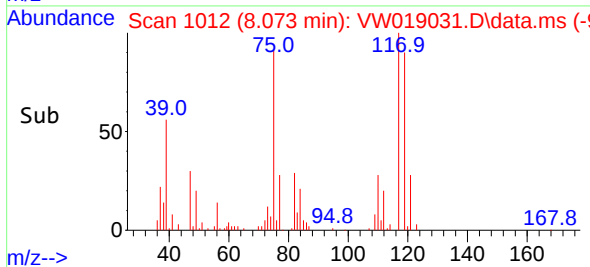
Tgt Ion: 43 Resp: 13455
Ion Ratio Lower Upper
43 100
61 13.8 12.2 18.4
70 11.5 9.5 14.3



#38
Carbon Tetrachloride
Concen: 5.22 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



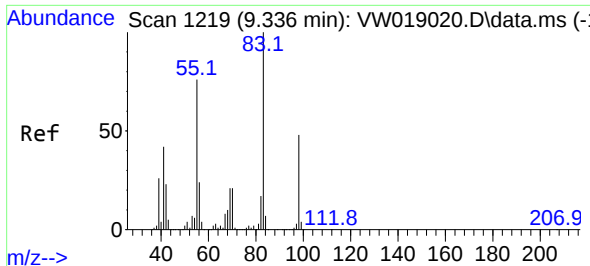
Tgt Ion: 117 Resp: 28035
Ion Ratio Lower Upper
117 100
119 90.0 77.4 116.0
121 28.3 23.6 35.4



Instrument :
MSVOA_W
ClientSampleId :
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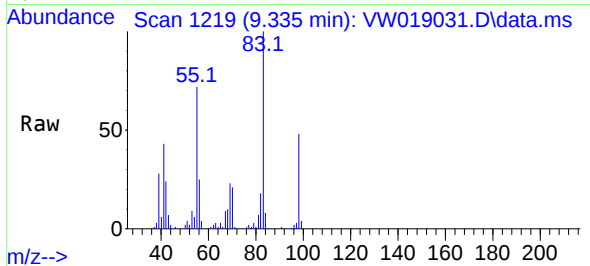
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#39
Methylcyclohexane
Concen: 5.10 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

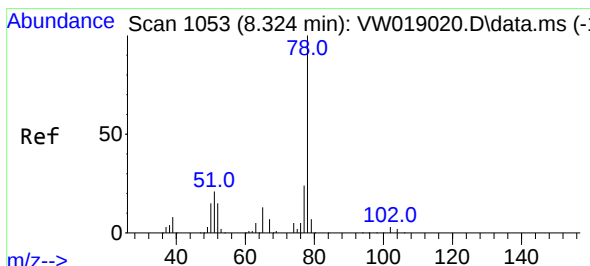
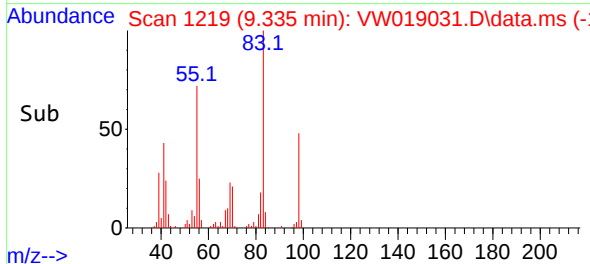
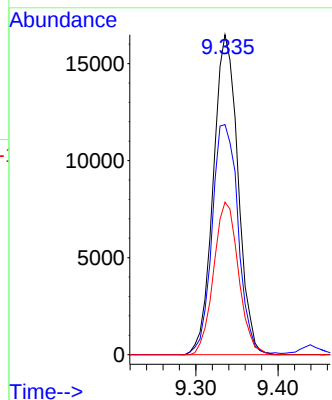
Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 83 Resp: 34375
Ion Ratio Lower Upper
83 100
55 71.9 60.9 91.3
98 47.7 38.4 57.6

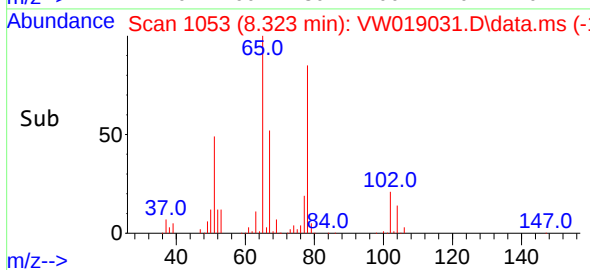
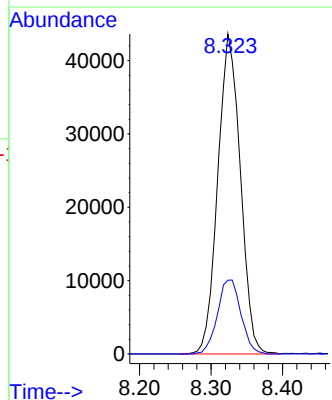
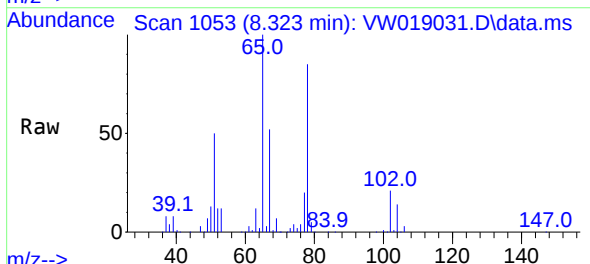
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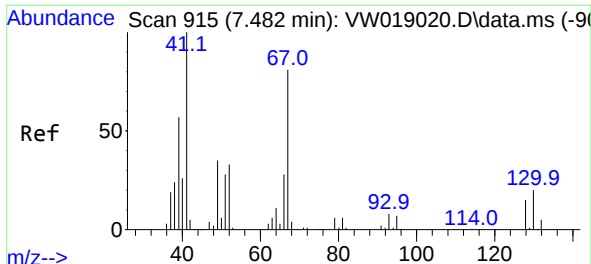
MMDadoda
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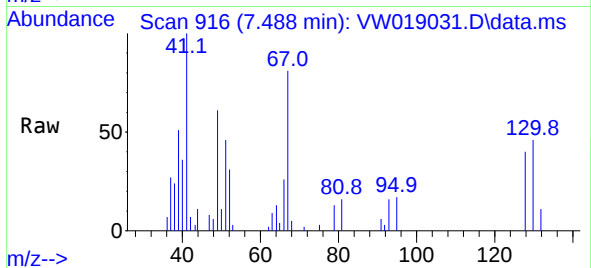
#40
Benzene
Concen: 5.61 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion: 78 Resp: 95513
Ion Ratio Lower Upper
78 100
77 23.0 19.6 29.4



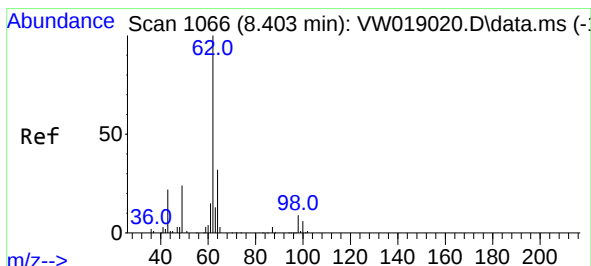
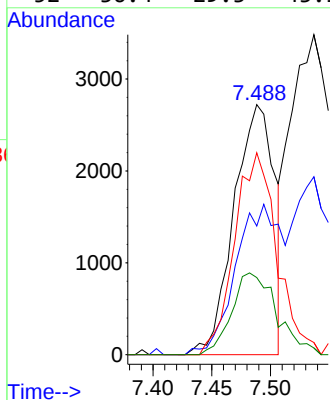
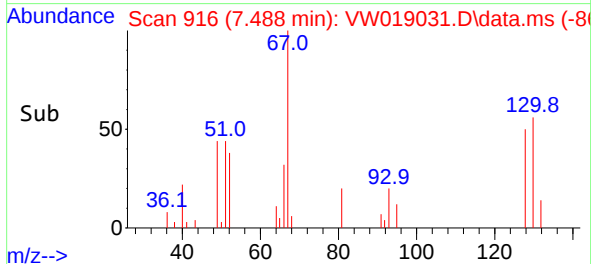


#41
Methacrylonitrile
Concen: 5.08 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

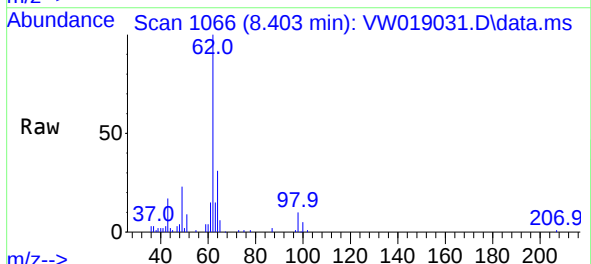


Tgt Ion: 41 Resp: 6542

Ion	Ratio	Lower	Upper
41	100		
39	68.0	50.1	75.1
67	84.3	69.0	103.4
52	36.4	29.3	43.9

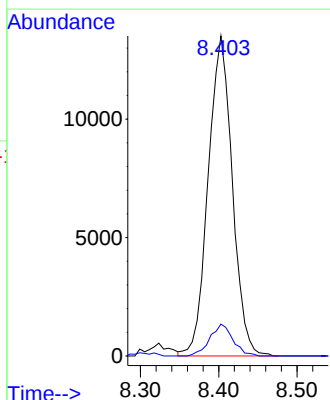
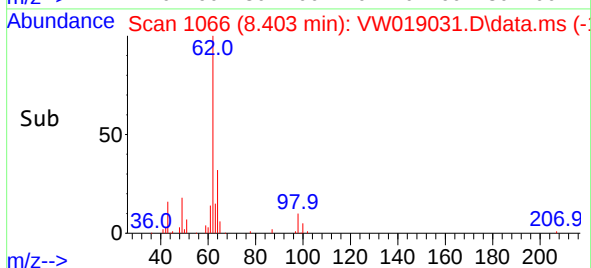


#42
1,2-Dichloroethane
Concen: 5.73 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



Tgt Ion: 62 Resp: 28956

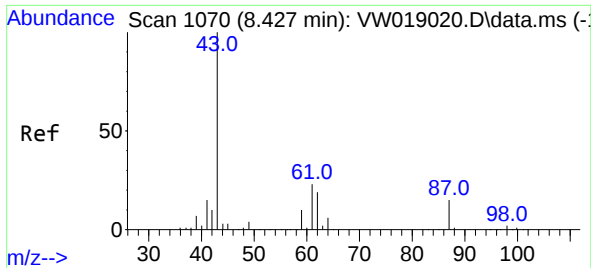
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.0



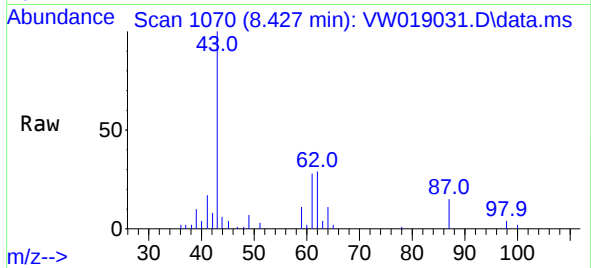
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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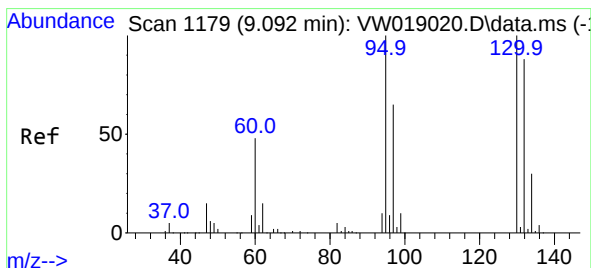
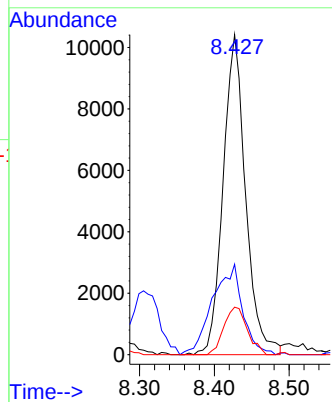
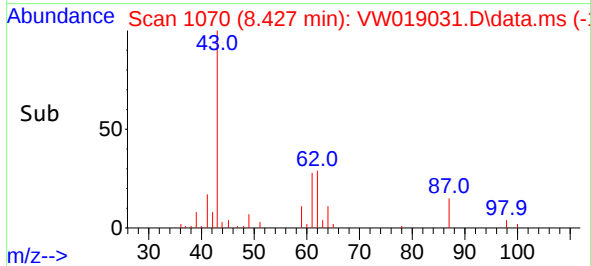
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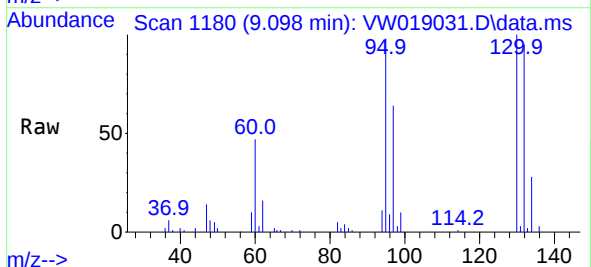
#43
Isopropyl Acetate
Concen: 4.97 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW019031.D
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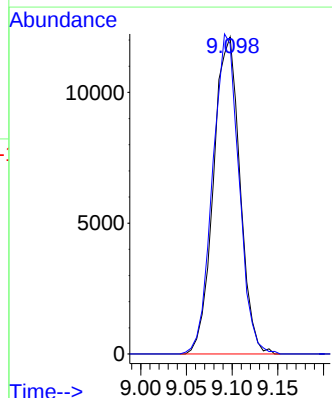
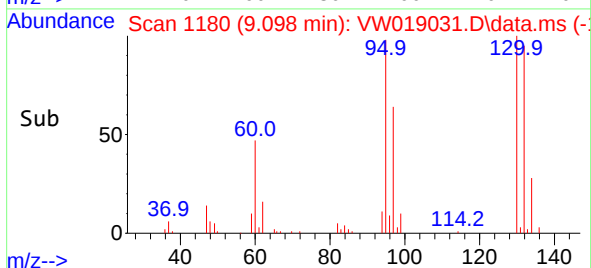
Tgt Ion: 43 Resp: 21858
Ion Ratio Lower Upper
43 100
61 37.9 27.0 40.6
87 15.5 11.6 17.4



#44
Trichloroethene
Concen: 5.53 ug/l
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



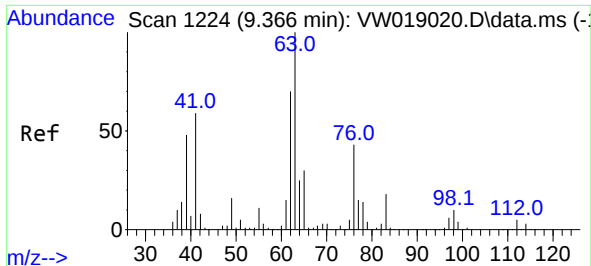
Tgt Ion: 130 Resp: 24309
Ion Ratio Lower Upper
130 100
95 97.9 0.0 199.0



Instrument :
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ClientSampleId :
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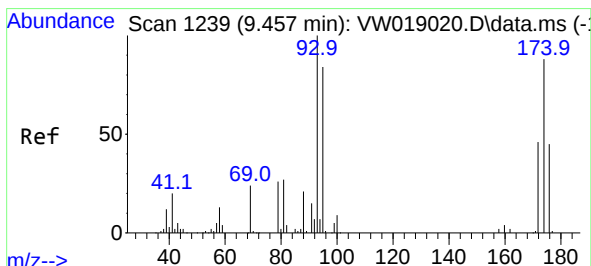
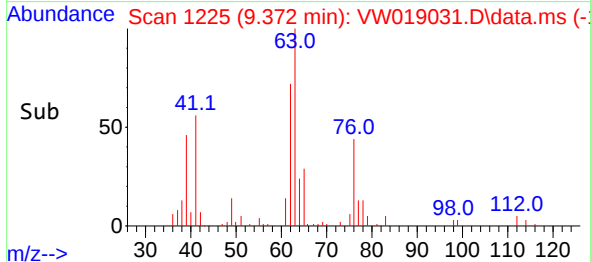
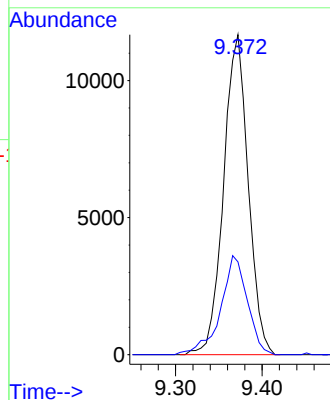
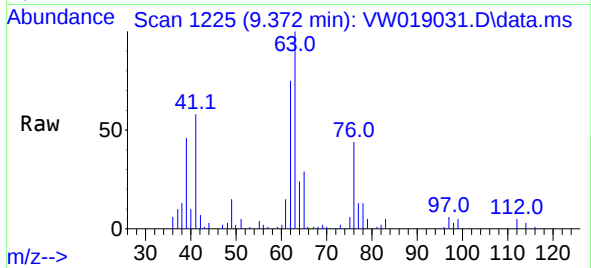
#45
1,2-Dichloropropane
Concen: 5.59 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion: 63 Resp: 23049
Ion Ratio Lower Upper
63 100
65 29.0 24.1 36.1

Instrument :
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ClientSampleId :
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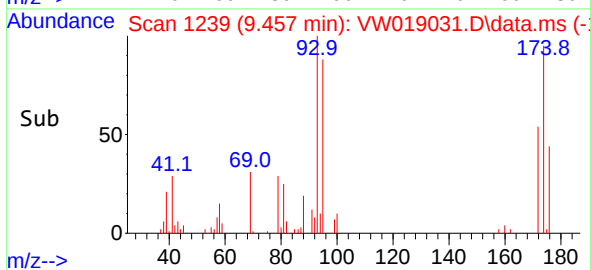
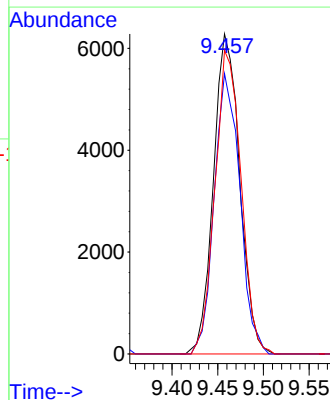
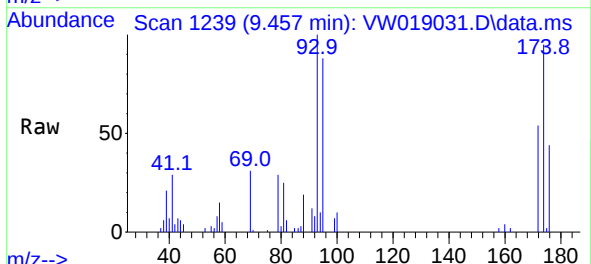
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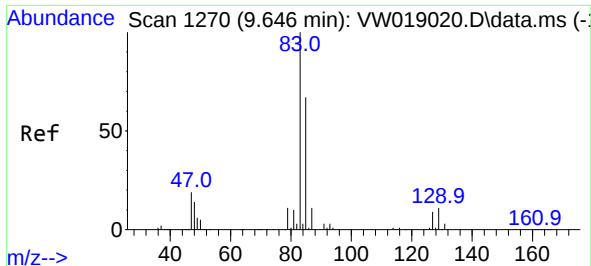
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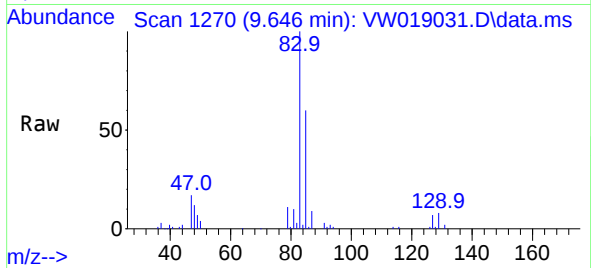
#46
Dibromomethane
Concen: 5.61 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion: 93 Resp: 12557
Ion Ratio Lower Upper
93 100
95 85.6 66.7 100.1
174 94.3 75.3 112.9

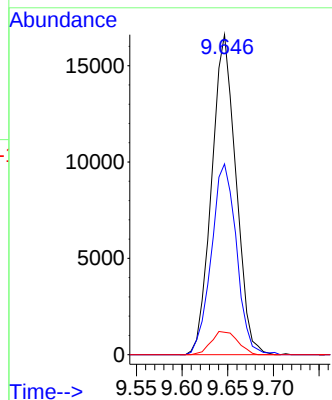




#47
Bromodichloromethane
Concen: 5.51 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



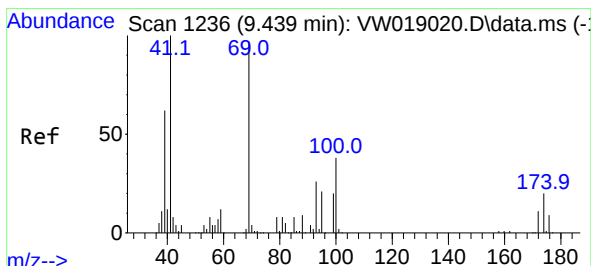
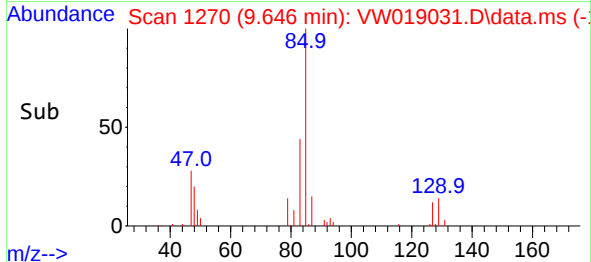
Tgt Ion: 83 Resp: 30659
Ion Ratio Lower Upper
83 100
85 59.6 53.4 80.2
127 7.0 7.0 10.6#



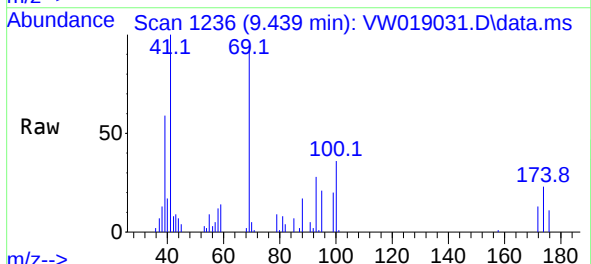
Instrument :
MSVOA_W
ClientSampleId :
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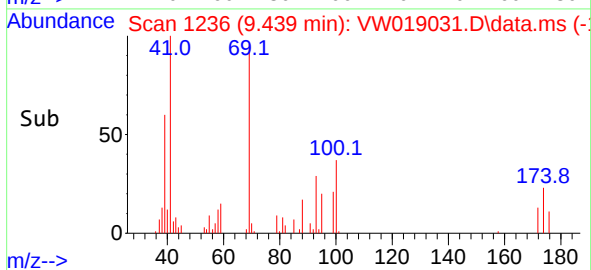
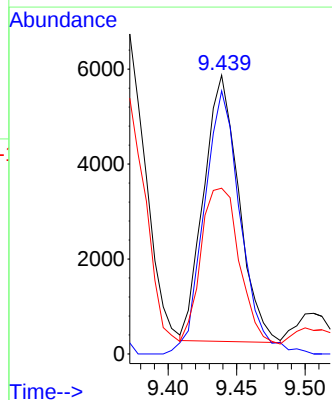
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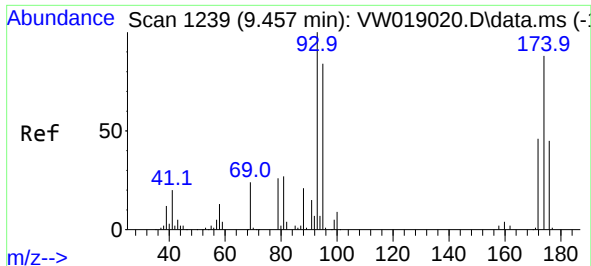


#48
Methyl methacrylate
Concen: 4.95 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



Tgt Ion: 41 Resp: 9991
Ion Ratio Lower Upper
41 100
69 102.7 80.2 120.2
39 70.1 51.5 77.3





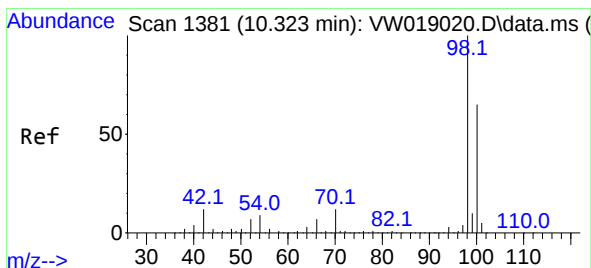
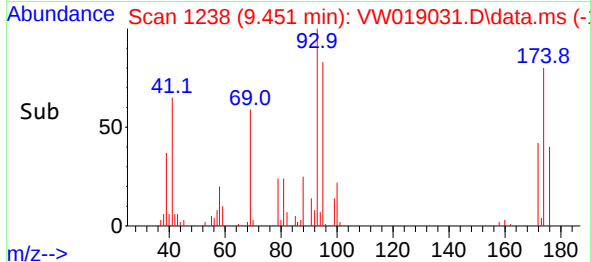
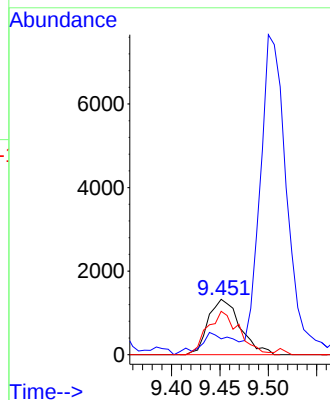
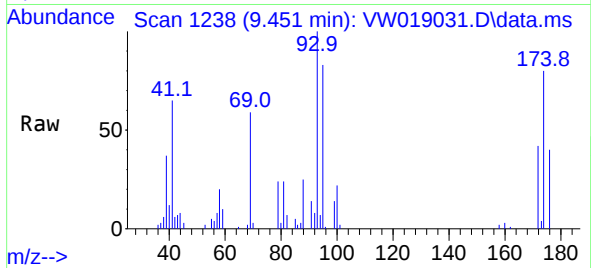
#49
1,4-Dioxane
Concen: 119.54 ug/l
RT: 9.451 min Scan# 1238
Delta R.T. -0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion: 88 Resp: 3049
Ion Ratio Lower Upper
88 100
43 38.9 22.1 33.1#
58 78.3 55.4 83.2

Instrument :
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ClientSampleId :
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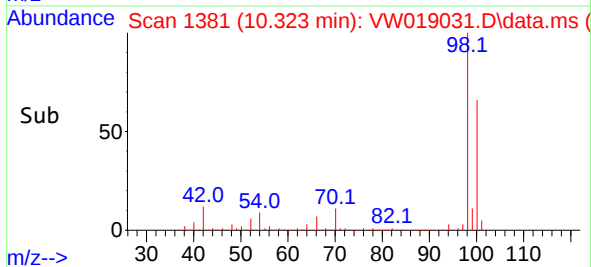
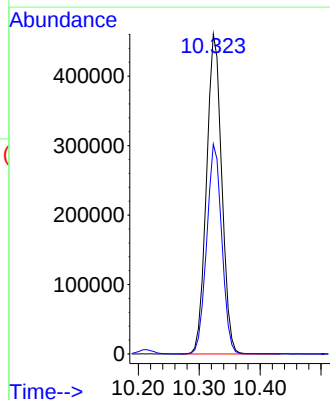
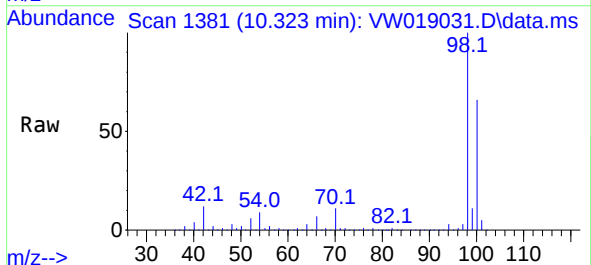
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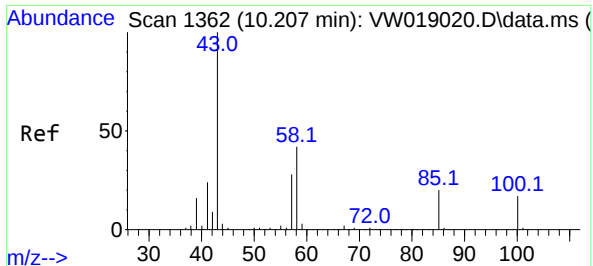
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#50
Toluene-d8
Concen: 59.71 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion: 98 Resp: 800880
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





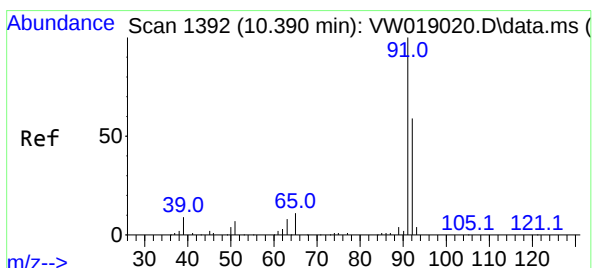
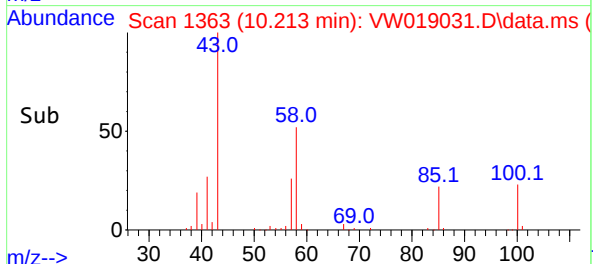
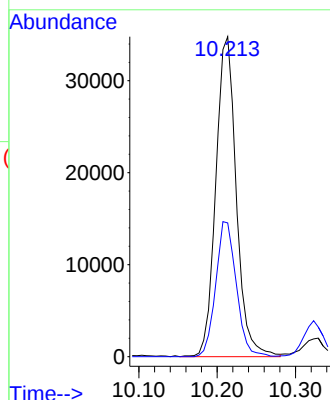
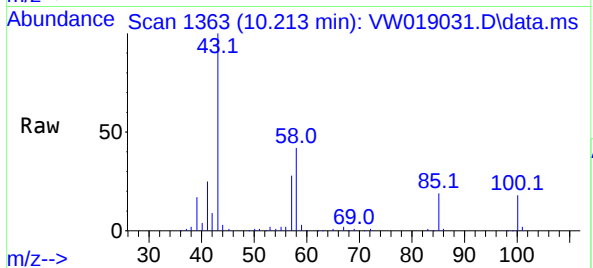
#51
4-Methyl-2-Pentanone
Concen: 27.78 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion: 43 Resp: 63293
Ion Ratio Lower Upper
43 100
58 42.4 34.2 51.4

Instrument :
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ClientSampleId :
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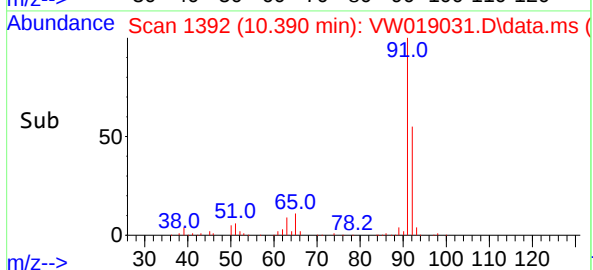
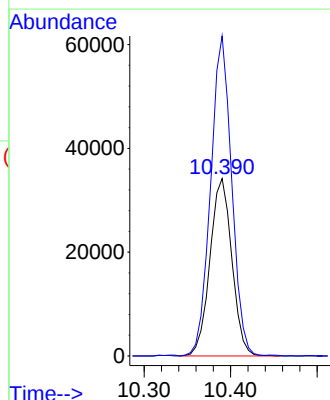
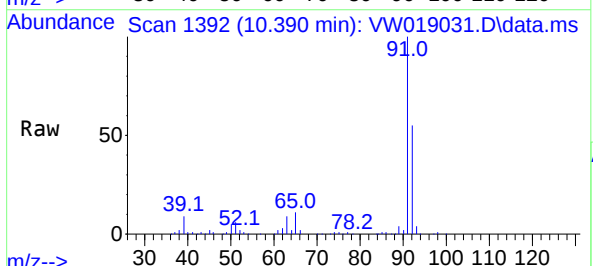
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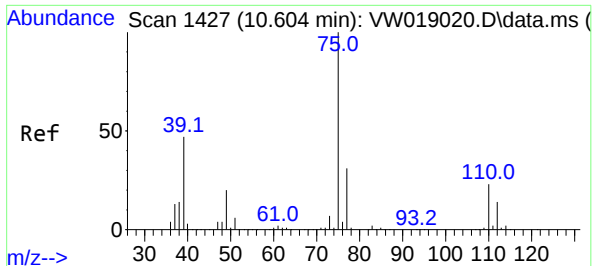
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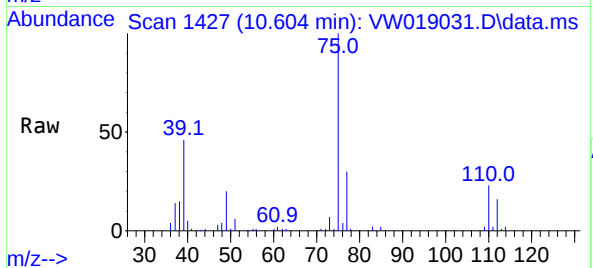
#52
Toluene
Concen: 5.55 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion: 92 Resp: 59974
Ion Ratio Lower Upper
92 100
91 173.3 137.4 206.0

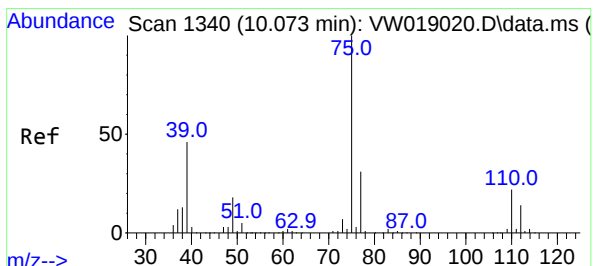
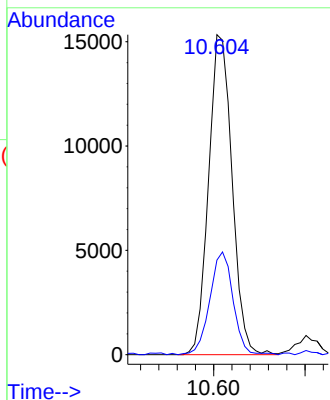
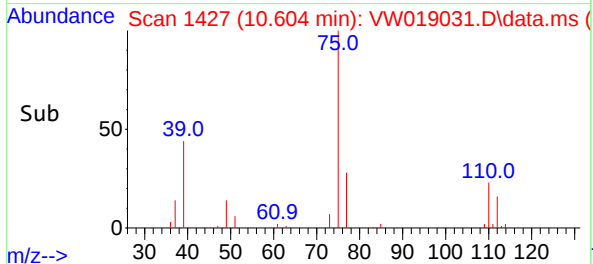




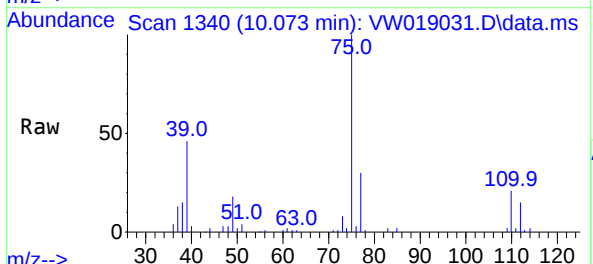
#53
t-1,3-Dichloropropene
Concen: 4.99 ug/l
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



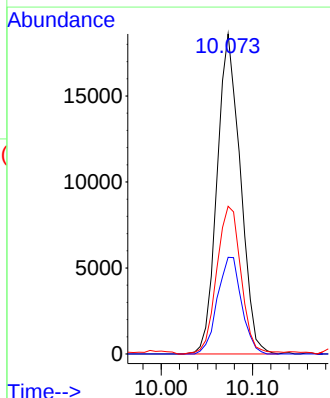
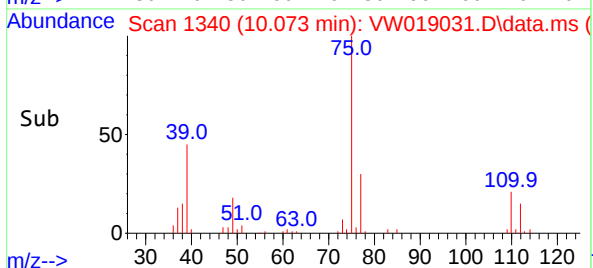
Tgt Ion: 75 Resp: 27320
Ion Ratio Lower Upper
75 100
77 29.5 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 5.05 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



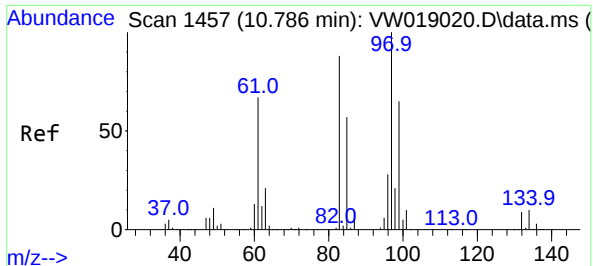
Tgt Ion: 75 Resp: 32920
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.6
39 46.2 36.9 55.3



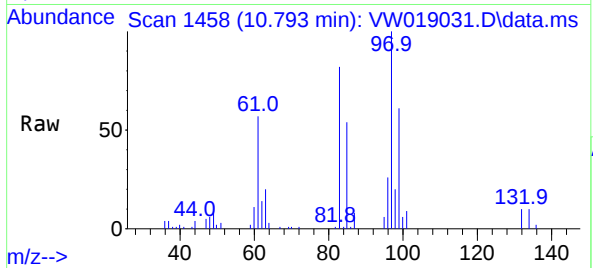
Instrument :
MSVOA_W
ClientSampleId :
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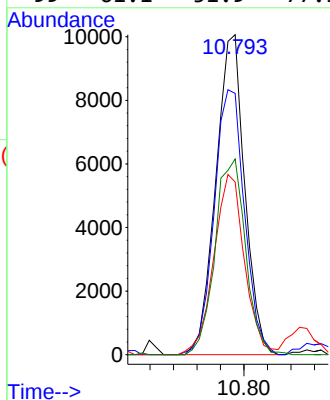


#55
1,1,2-Trichloroethane
Concen: 5.56 ug/l
RT: 10.793 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



Tgt Ion: 97 Resp: 17186

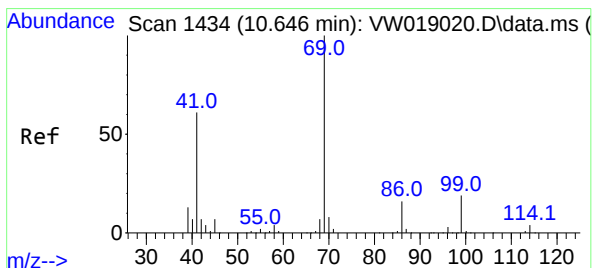
Ion	Ratio	Lower	Upper
97	100		
83	81.6	70.6	106.0
85	53.9	45.8	68.6
99	61.1	51.9	77.9



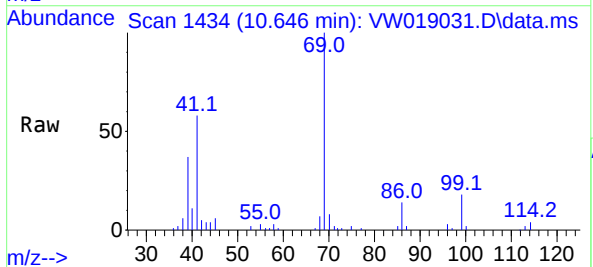
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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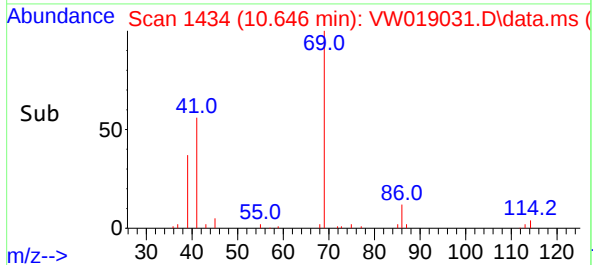
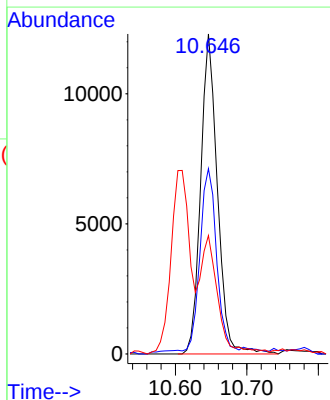


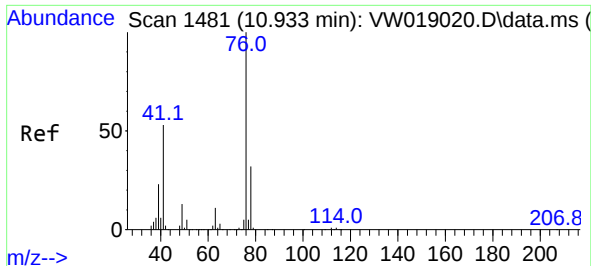
#56
Ethyl methacrylate
Concen: 5.15 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



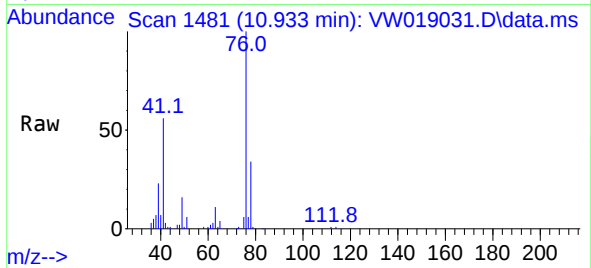
Tgt Ion: 69 Resp: 20010

Ion	Ratio	Lower	Upper
69	100		
41	60.1	48.7	73.1
39	36.9	29.0	43.4

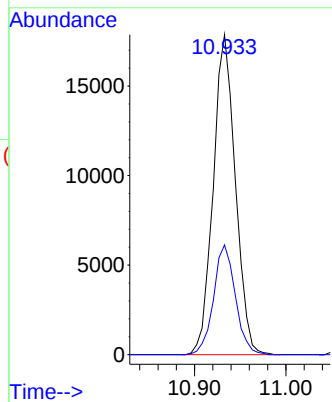
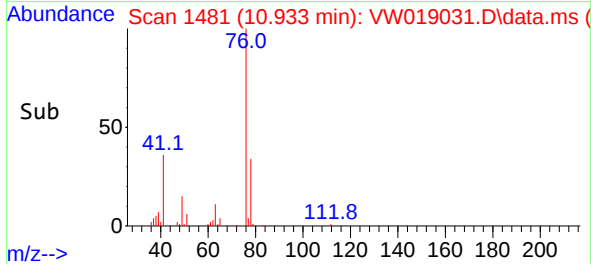




#57
1,3-Dichloropropane
Concen: 5.43 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



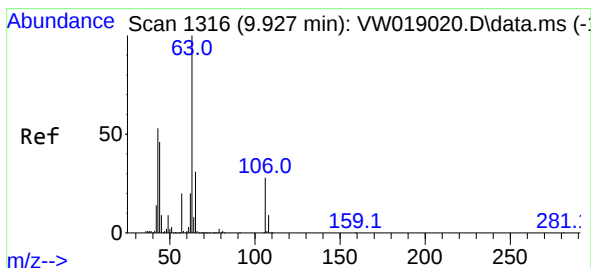
Tgt Ion: 76 Resp: 30041
Ion Ratio Lower Upper
76 100
78 33.8 25.5 38.3



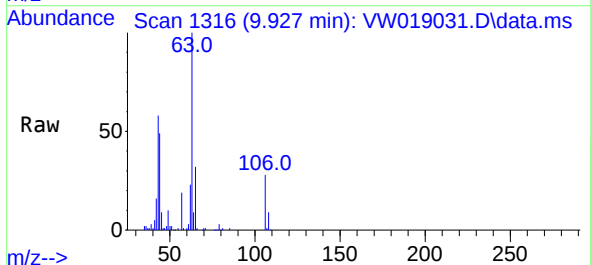
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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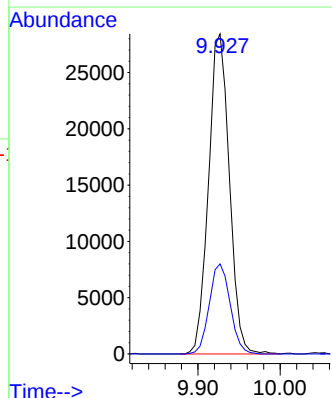
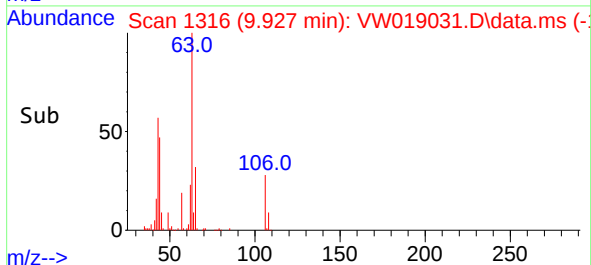
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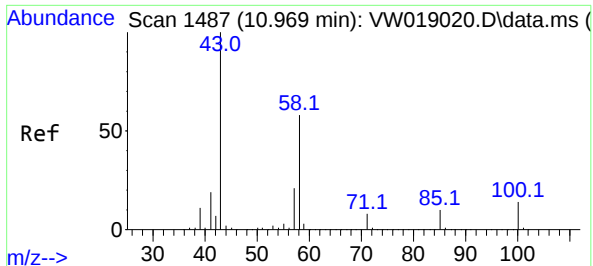


#58
2-Chloroethyl Vinyl ether
Concen: 24.91 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



Tgt Ion: 63 Resp: 50045
Ion Ratio Lower Upper
63 100
106 28.1 22.3 33.5





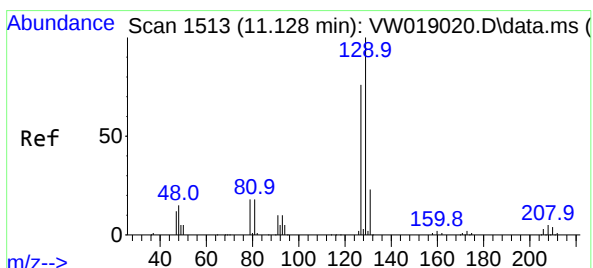
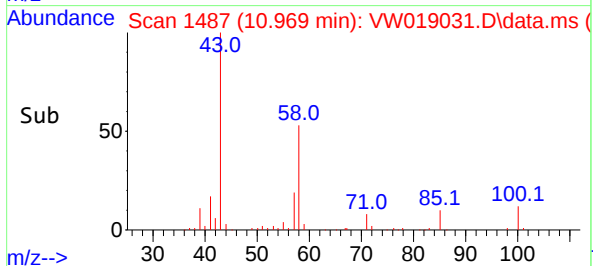
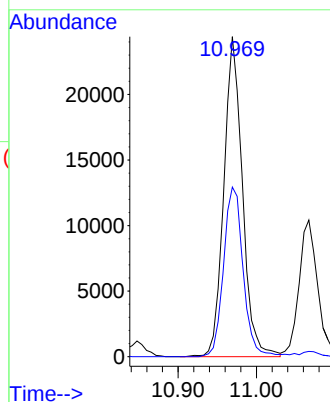
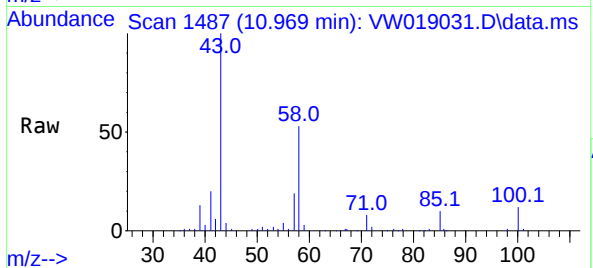
#59
2-Hexanone
Concen: 26.64 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion: 43 Resp: 40334
Ion Ratio Lower Upper
43 100
58 55.5 29.0 87.1

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

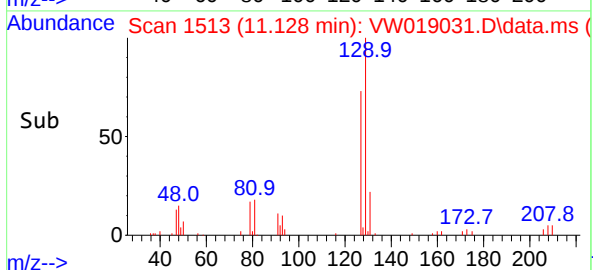
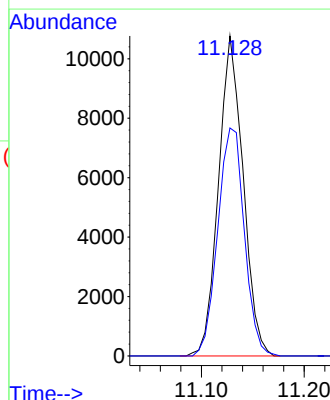
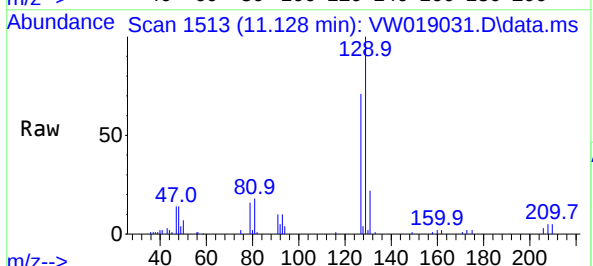
Manual Integrations
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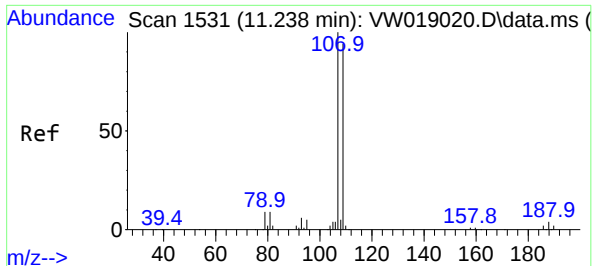
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#60
Dibromochloromethane
Concen: 5.16 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

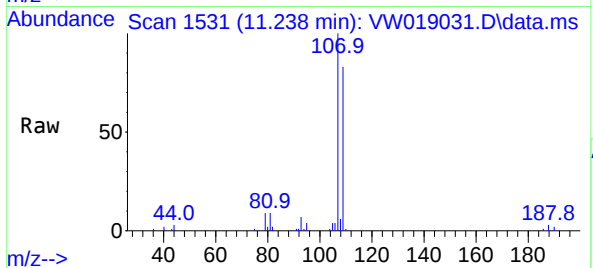
Tgt Ion: 129 Resp: 17868
Ion Ratio Lower Upper
129 100
127 77.0 38.2 114.6





#61
1,2-Dibromoethane
Concen: 5.52 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

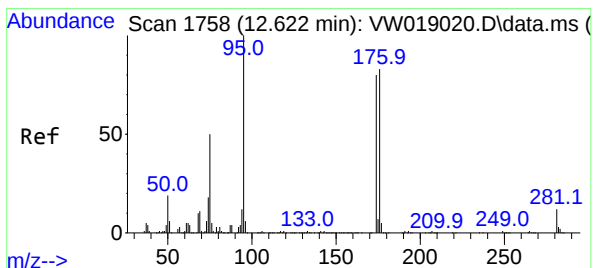
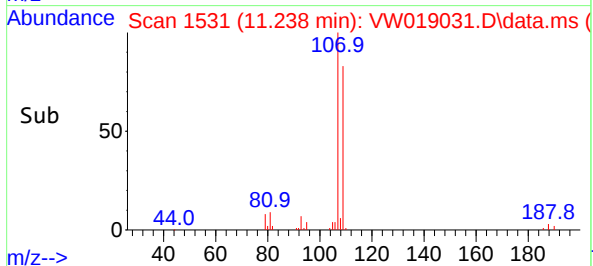
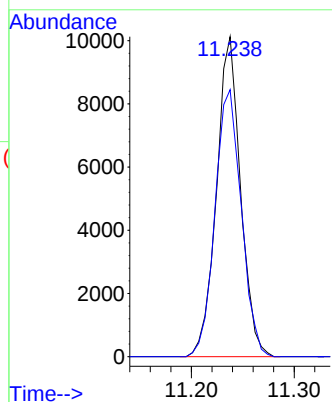
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



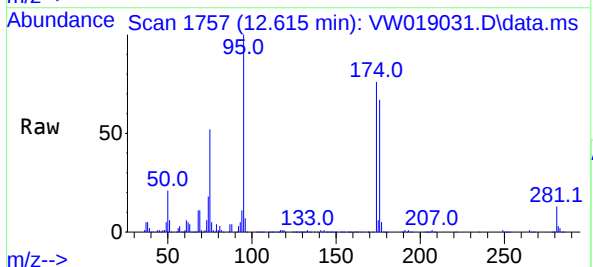
Tgt Ion:107 Resp: 16434
Ion Ratio Lower Upper
107 100
109 91.2 73.9 110.9

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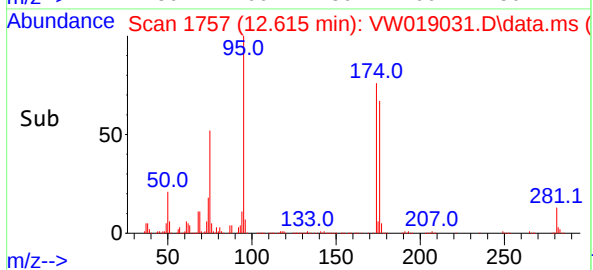
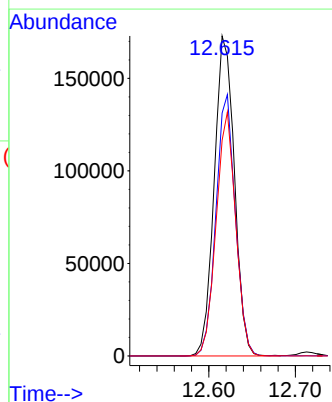
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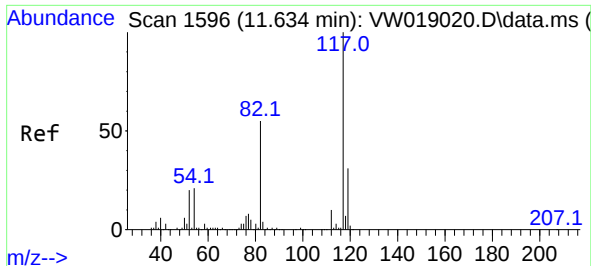


#62
4-Bromofluorobenzene
Concen: 57.92 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



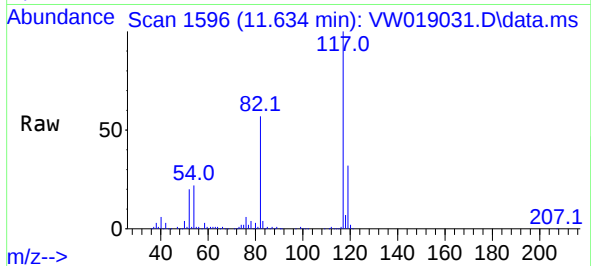
Tgt Ion: 95 Resp: 280056
Ion Ratio Lower Upper
95 100
174 78.6 0.0 156.2
176 73.8 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

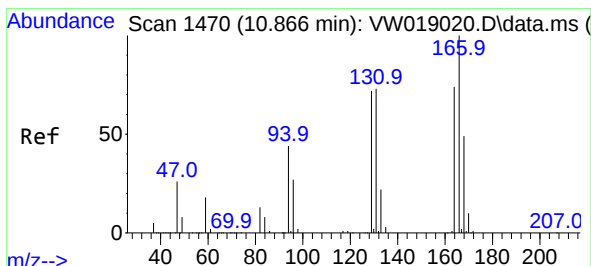
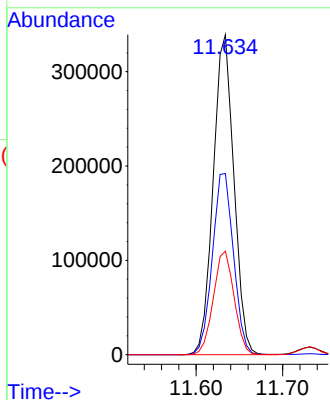
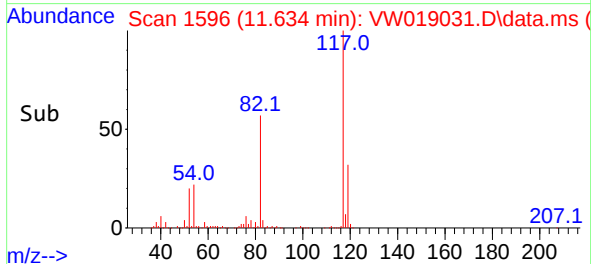
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



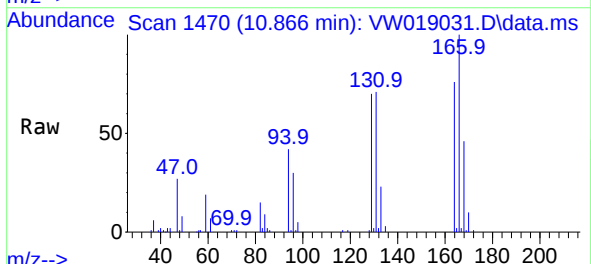
Tgt Ion:117 Resp: 562280
Ion Ratio Lower Upper
117 100
82 56.6 44.4 66.6
119 32.3 24.6 36.8

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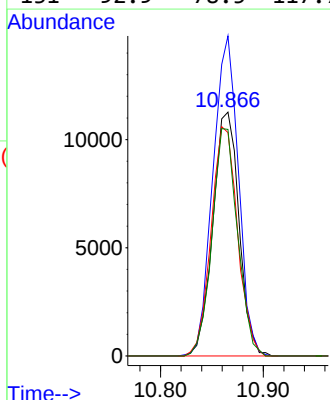
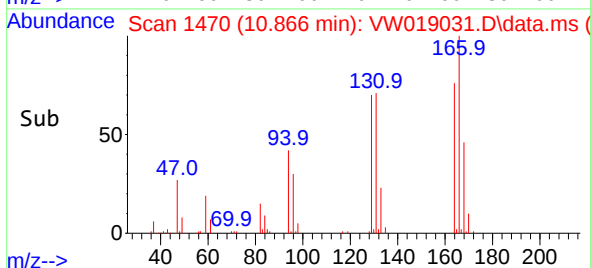
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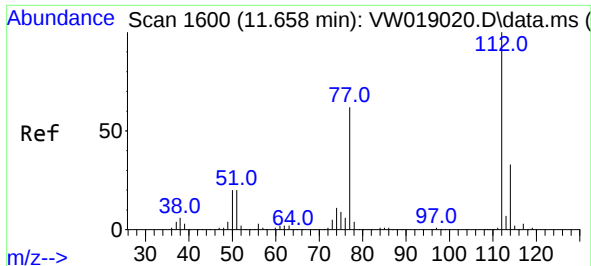


#64
Tetrachloroethene
Concen: 5.44 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



Tgt Ion:164 Resp: 19863
Ion Ratio Lower Upper
164 100
166 131.3 107.8 161.8
129 91.6 77.3 115.9
131 92.9 78.5 117.7





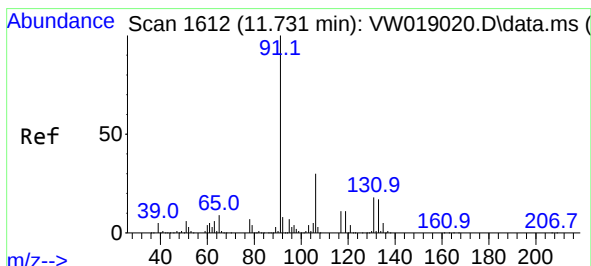
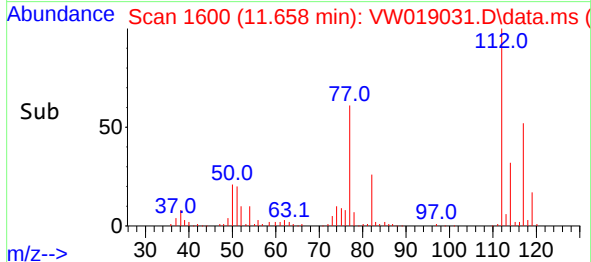
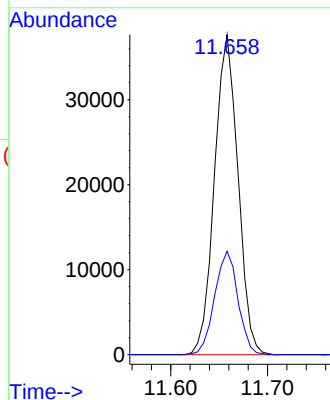
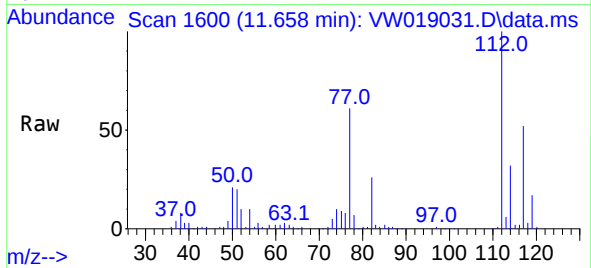
#65
Chlorobenzene
Concen: 5.55 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion:112 Resp: 63506
Ion Ratio Lower Upper
112 100
114 32.3 26.4 39.6

Instrument :
MSVOA_W
ClientSampleId :
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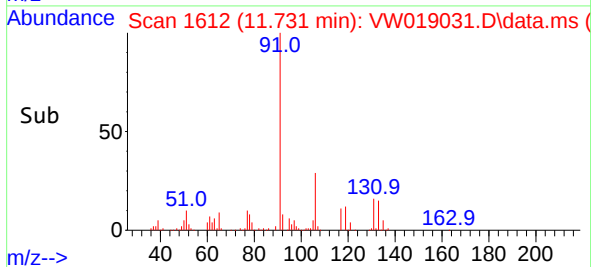
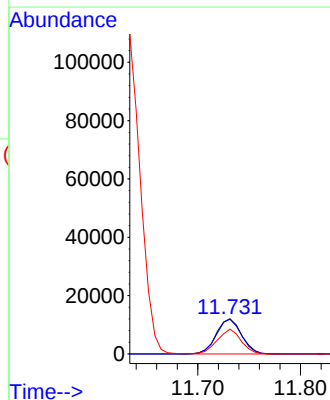
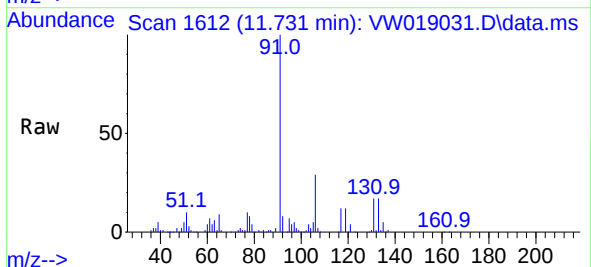
Manual Integrations
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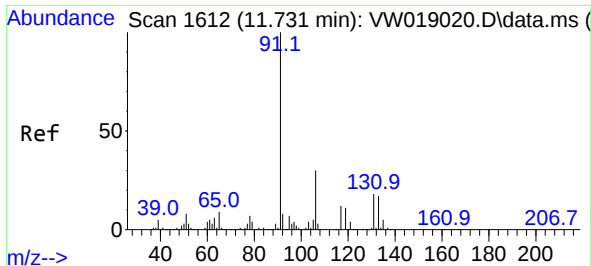
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.28 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

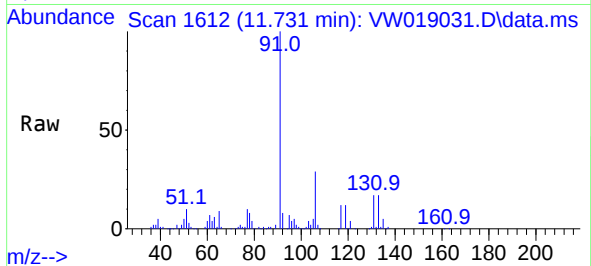
Tgt Ion:131 Resp: 20597
Ion Ratio Lower Upper
131 100
133 96.7 48.1 144.3
119 66.4 33.1 99.2





#67
Ethyl Benzene
Concen: 5.37 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

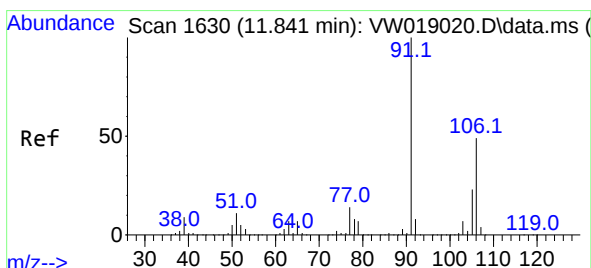
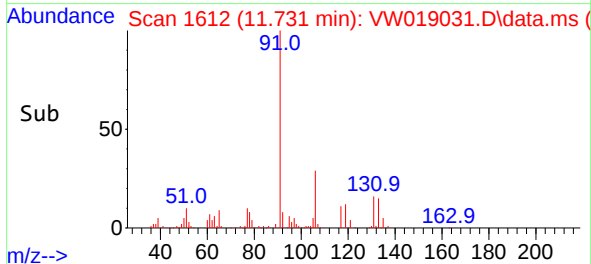
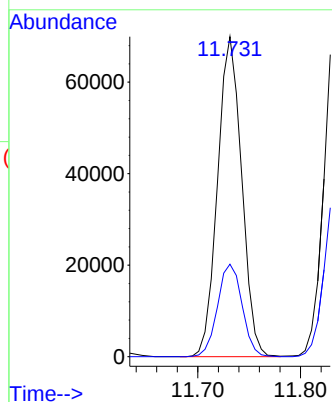
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



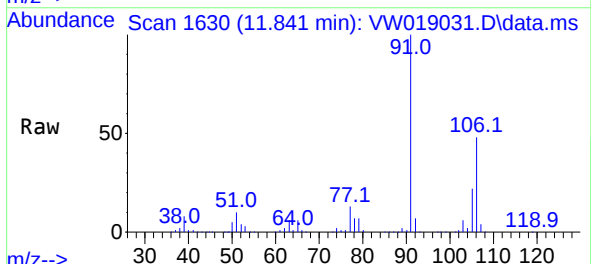
Tgt Ion: 91 Resp: 113684
Ion Ratio Lower Upper
91 100
106 28.9 24.0 36.0

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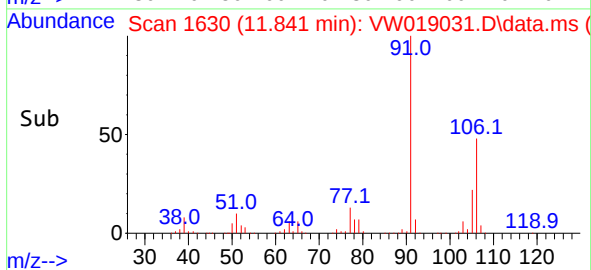
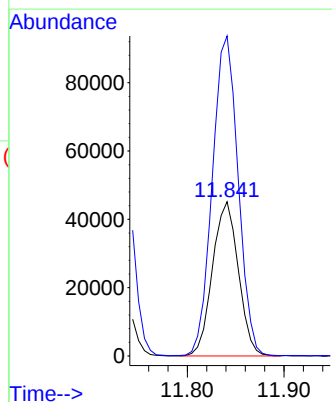
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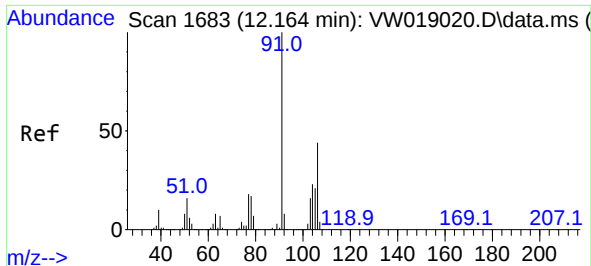


#68
m/p-Xylenes
Concen: 10.55 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



Tgt Ion: 106 Resp: 83845
Ion Ratio Lower Upper
106 100
91 206.5 164.2 246.2





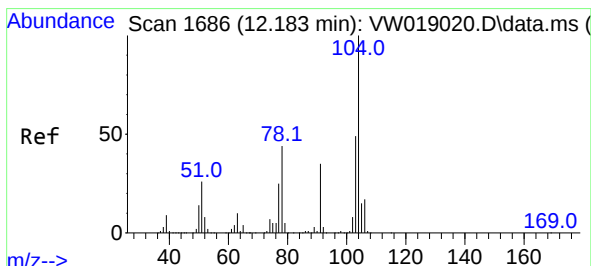
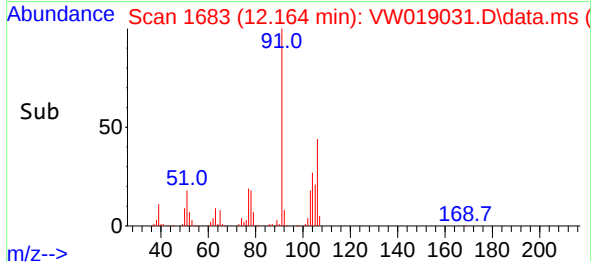
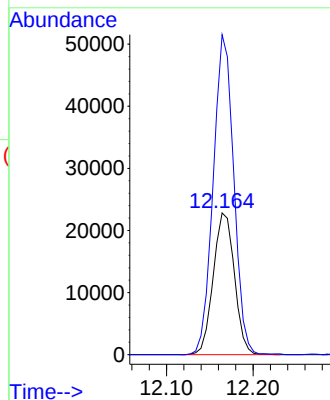
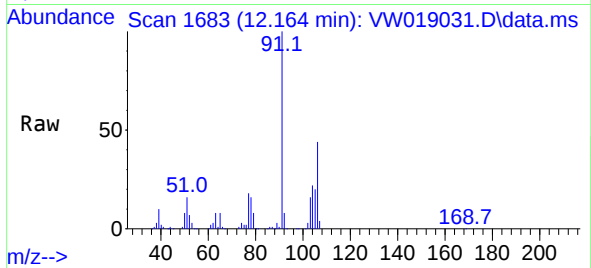
#69
o-Xylene
Concen: 5.23 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion:106 Resp: 38801
Ion Ratio Lower Upper
106 100
91 219.1 109.1 327.2

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

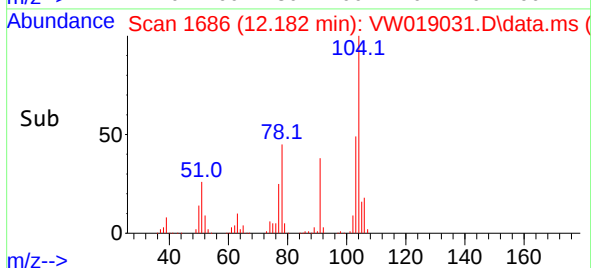
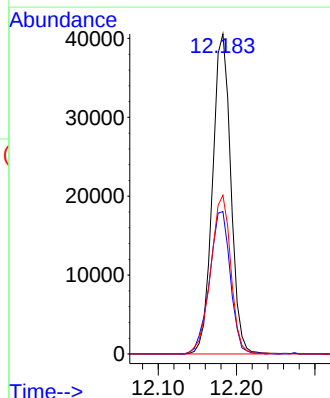
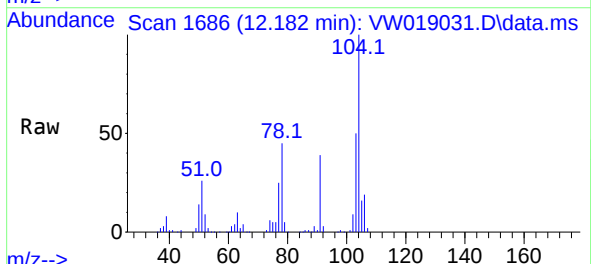
Manual Integrations
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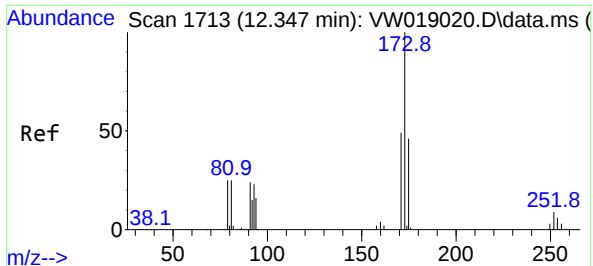
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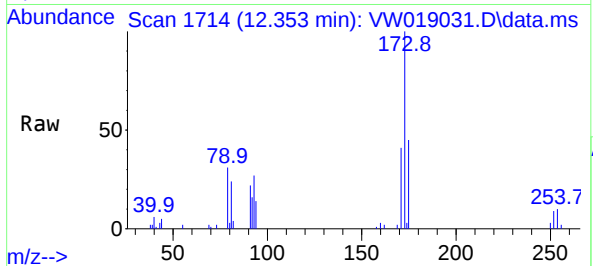
#70
Styrene
Concen: 5.22 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion:104 Resp: 65719
Ion Ratio Lower Upper
104 100
78 50.8 41.3 61.9
103 54.5 44.1 66.1

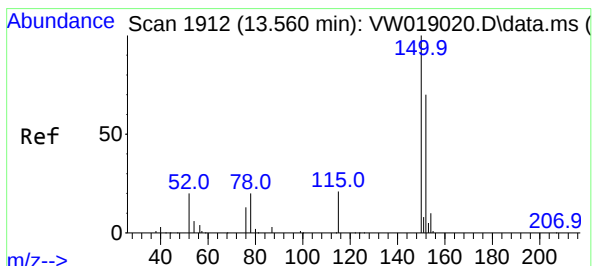
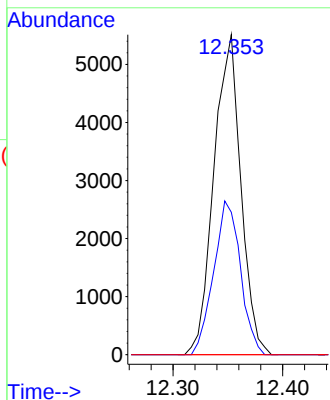
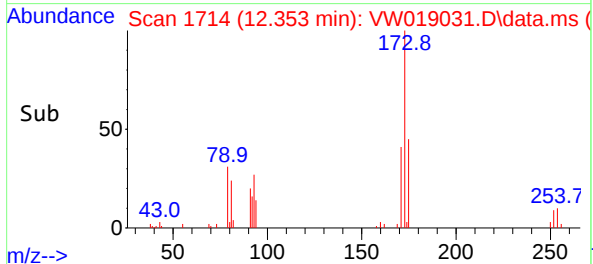




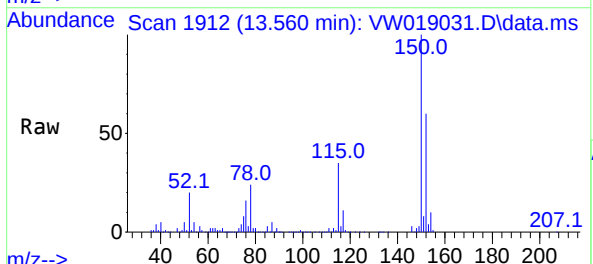
#71
Bromoform
Concen: 4.80 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



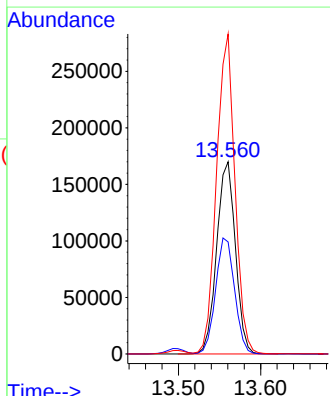
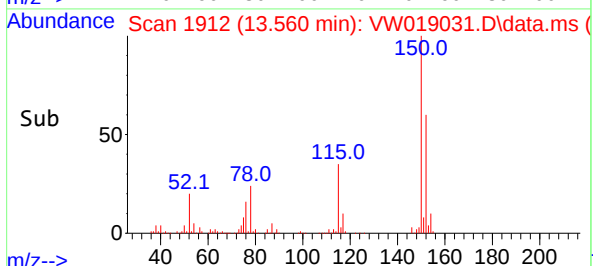
Tgt Ion:173 Resp: 9411
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



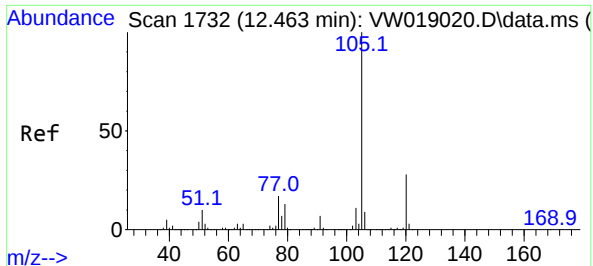
Tgt Ion:152 Resp: 269394
Ion Ratio Lower Upper
152 100
115 61.3 30.3 90.8
150 163.1 0.0 356.0



Instrument :
MSVOA_W
ClientSampleId :
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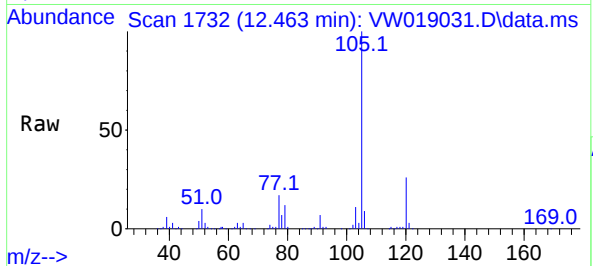
Manual Integrations
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#73
Isopropylbenzene
Concen: 5.22 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

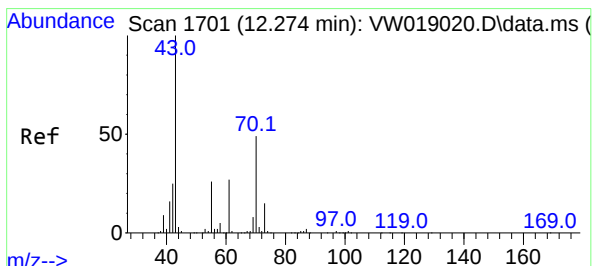
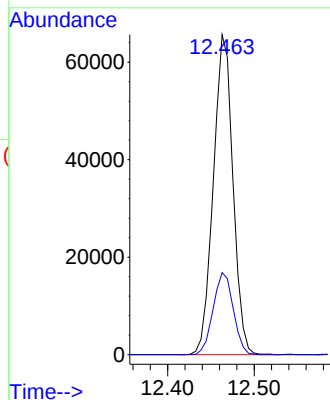
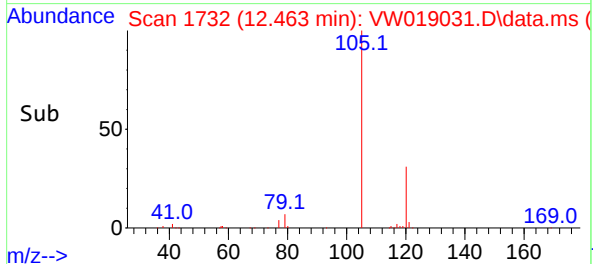
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MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



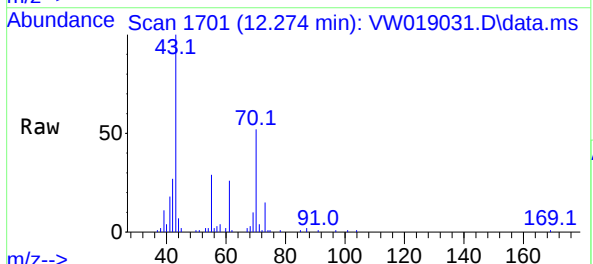
Tgt Ion:105 Resp: 102987
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5

Manual Integrations
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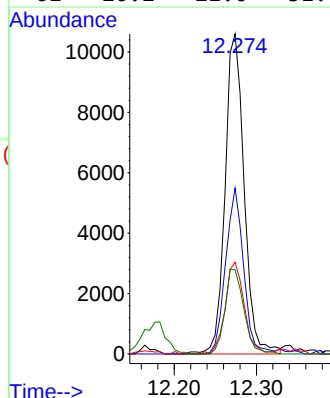
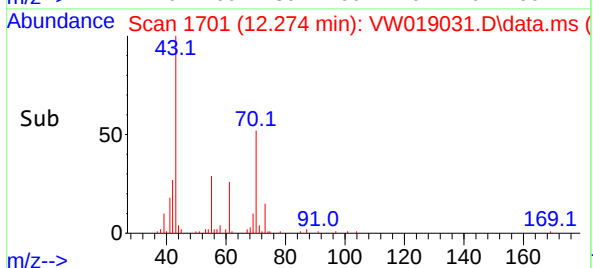
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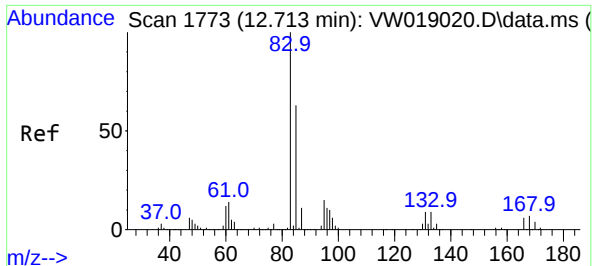


#74
N-ethyl acetate
Concen: 4.21 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



Tgt Ion: 43 Resp: 17143
Ion Ratio Lower Upper
43 100
70 49.7 38.4 57.6
55 28.4 21.6 32.4
61 26.2 21.0 31.4





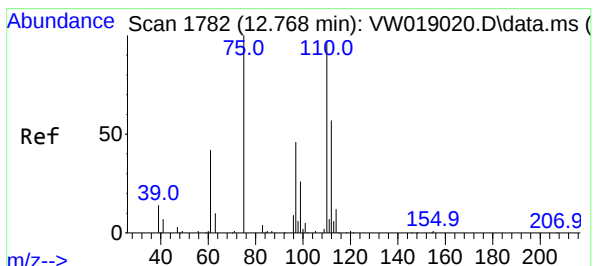
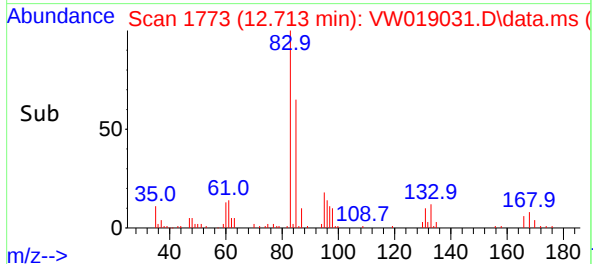
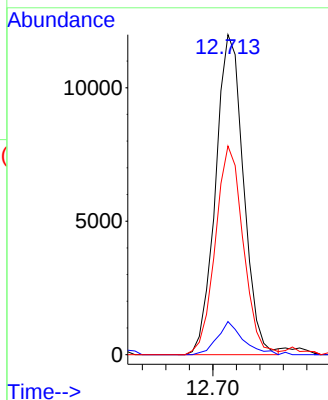
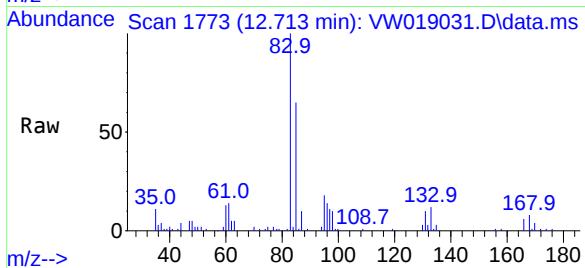
#75
1,1,2,2-Tetrachloroethane
Concen: 5.60 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion: 83 Resp: 19796
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.2
85 65.2 31.6 94.8

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

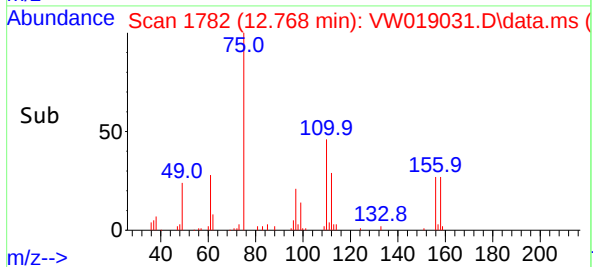
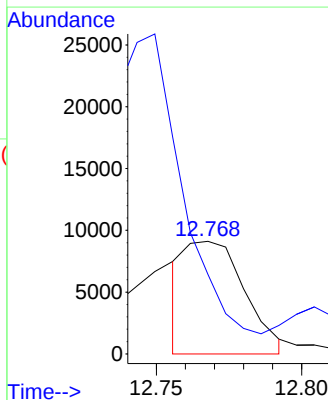
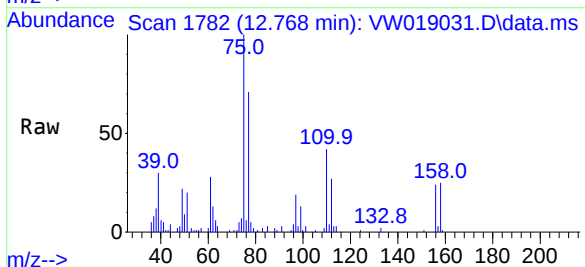
Manual Integrations
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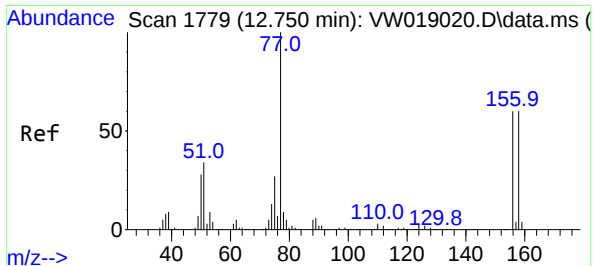
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#76
1,2,3-Trichloropropane
Concen: 5.15 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion: 75 Resp: 13100
Ion Ratio Lower Upper
75 100
77 371.0 0.0 0.0#





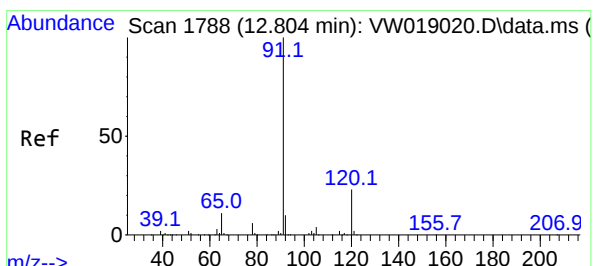
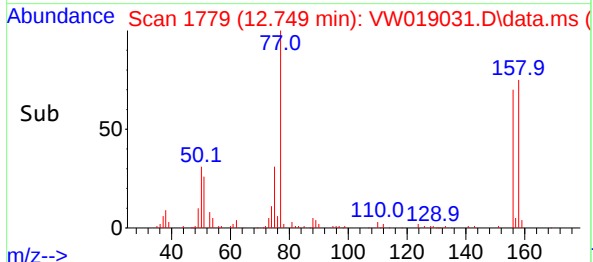
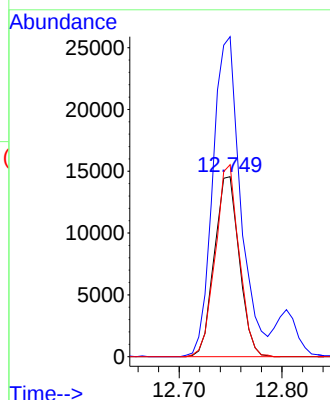
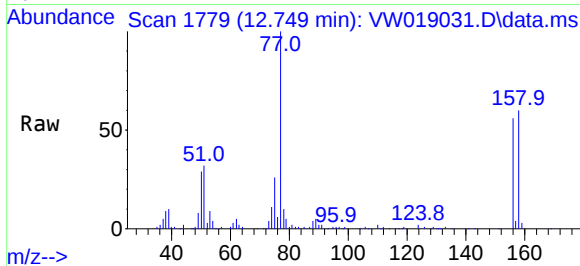
#77
Bromobenzene
Concen: 5.63 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion: 156 Resp: 24499
Ion Ratio Lower Upper
156 100
77 198.4 96.7 290.0
158 101.6 48.4 145.3

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

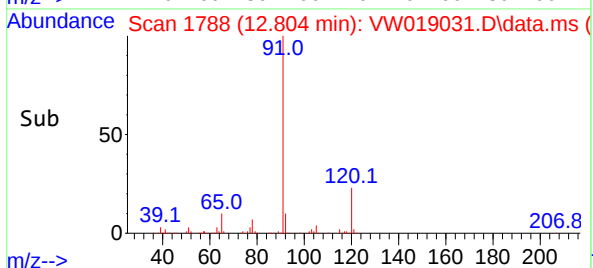
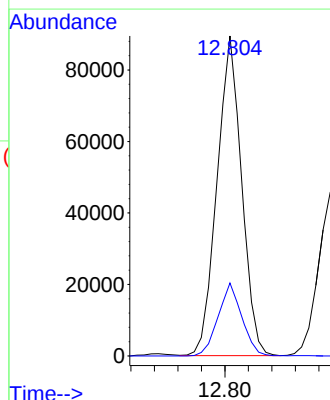
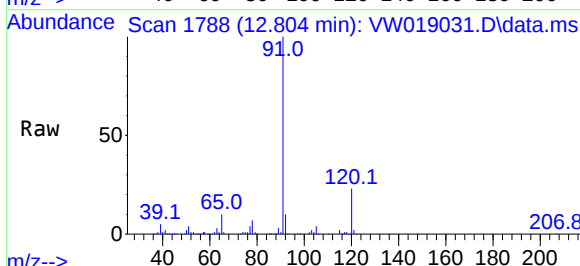
Manual Integrations
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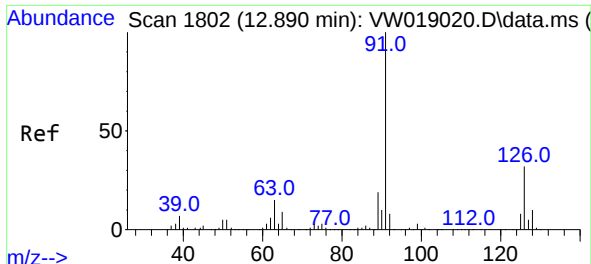
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#78
n-propylbenzene
Concen: 5.38 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion: 91 Resp: 129997
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.3





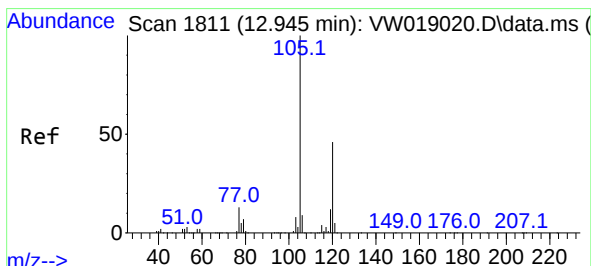
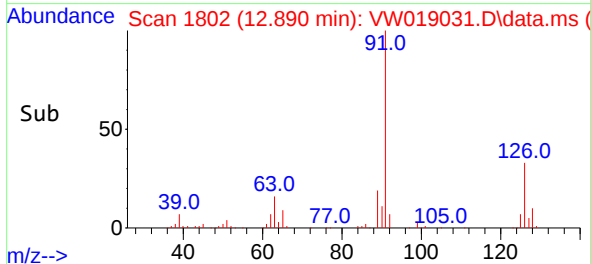
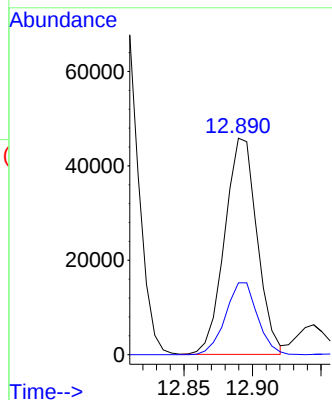
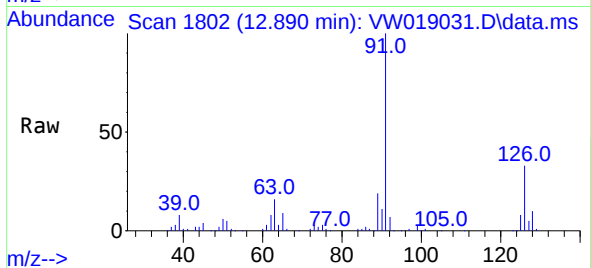
#79
2-Chlorotoluene
Concen: 5.48 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion: 91 Resp: 75409
Ion Ratio Lower Upper
91 100
126 32.9 16.5 49.5

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

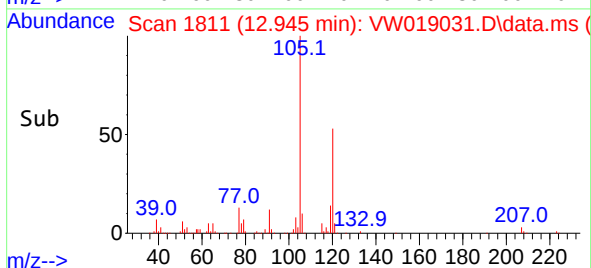
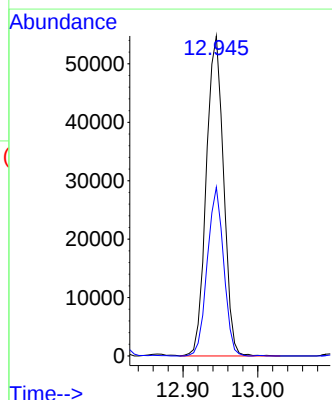
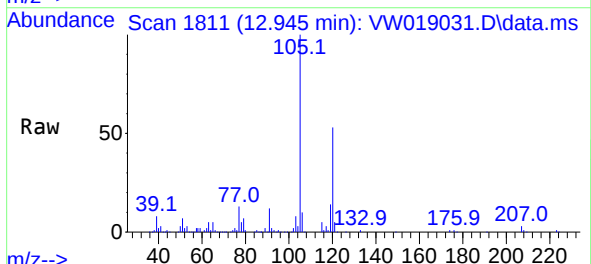
Manual Integrations
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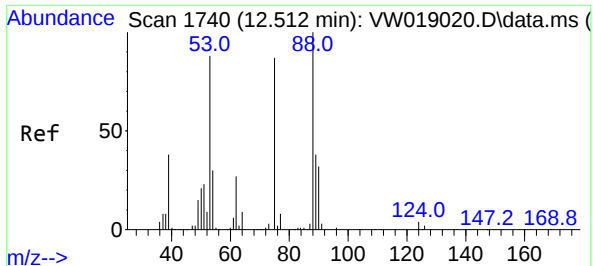
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#80
1,3,5-Trimethylbenzene
Concen: 5.25 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

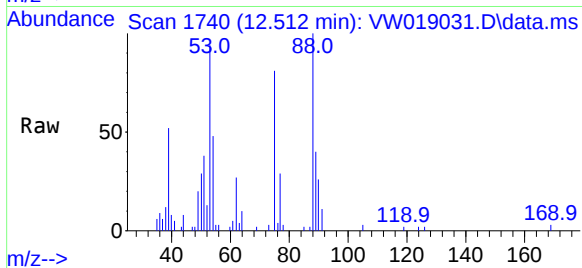
Tgt Ion: 105 Resp: 87964
Ion Ratio Lower Upper
105 100
120 49.8 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 4.35 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

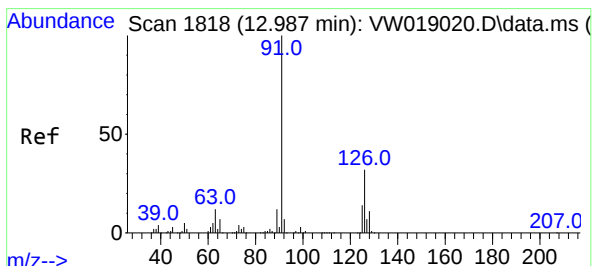
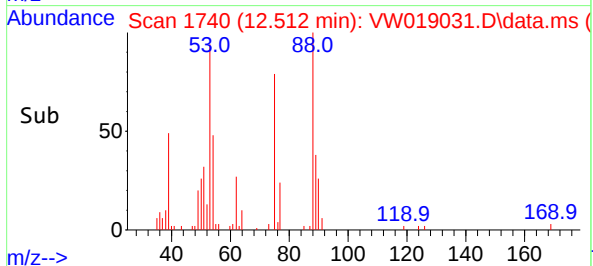
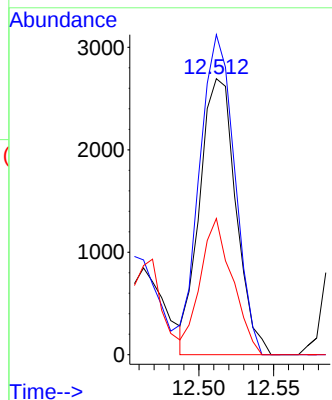
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



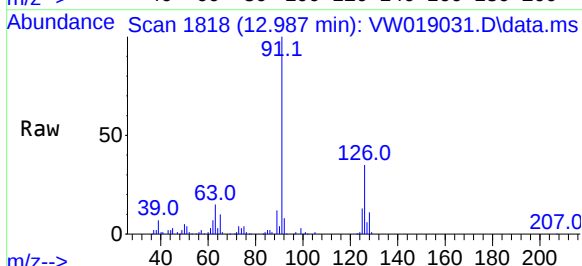
Tgt Ion	Ratio	Lower	Upper
75	100		
53	113.8	81.5	122.3
89	44.0	36.3	54.5

Manual Integrations
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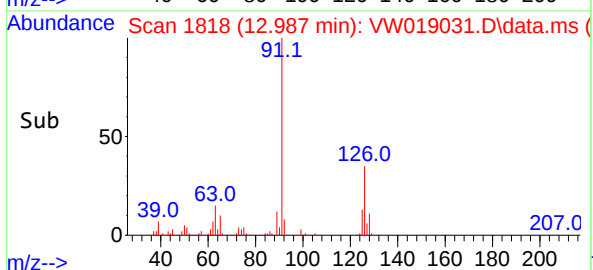
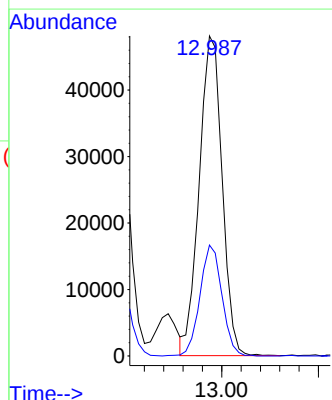
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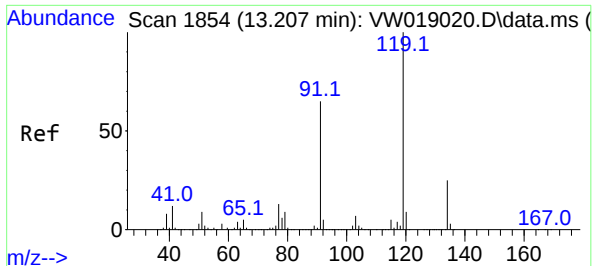


#82
4-Chlorotoluene
Concen: 5.42 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

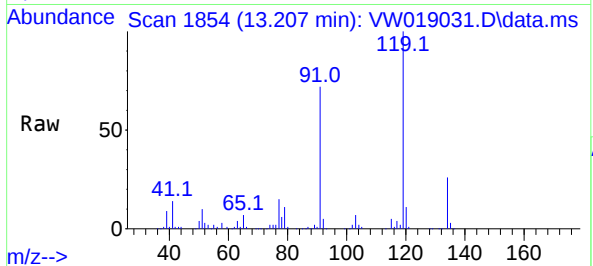


Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.1	48.2

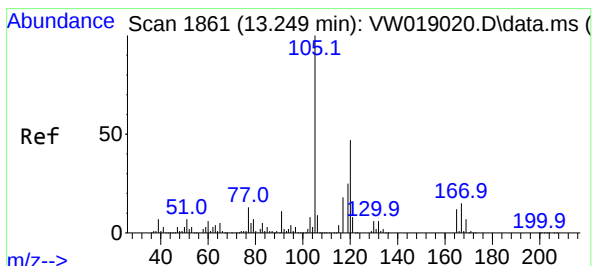
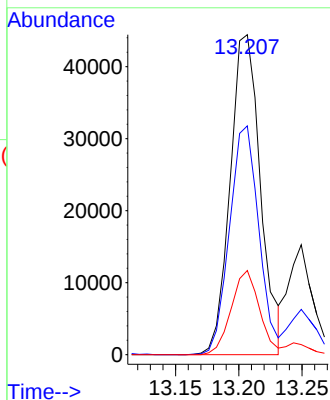
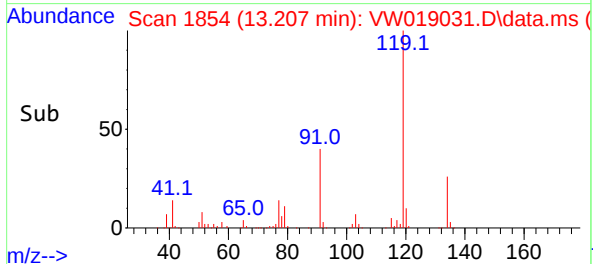




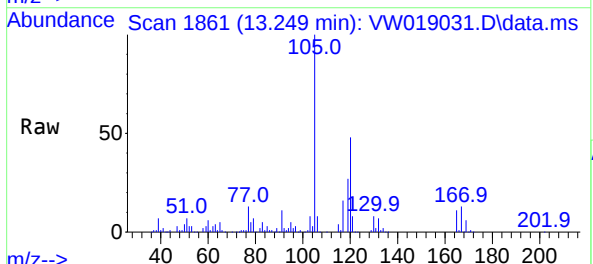
#83
tert-Butylbenzene
Concen: 5.26 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



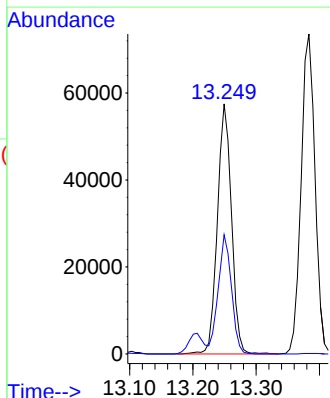
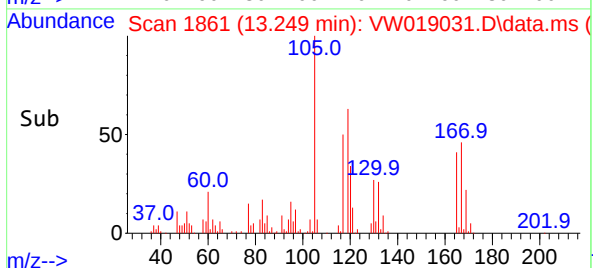
Tgt Ion:119 Resp: 74363
Ion Ratio Lower Upper
119 100
91 69.0 34.0 102.0
134 24.5 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 5.33 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



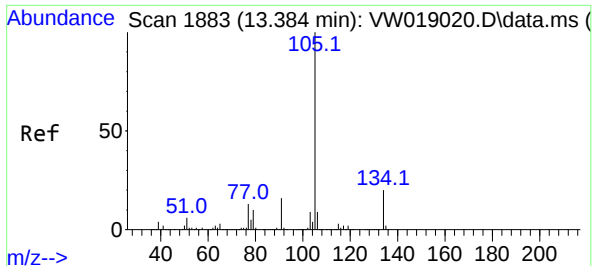
Tgt Ion:105 Resp: 88724
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.0



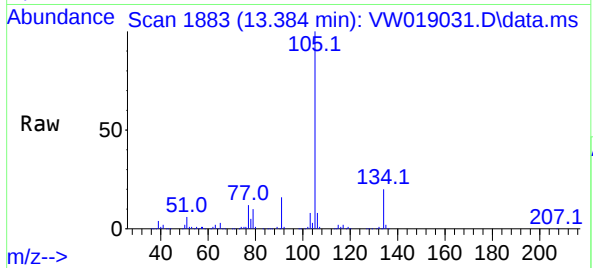
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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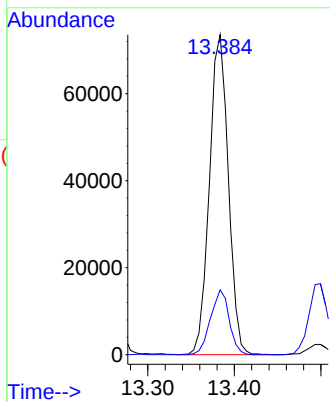
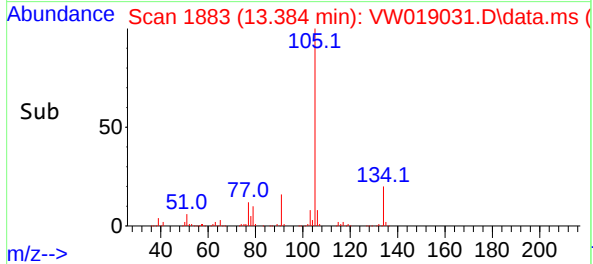
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#85
sec-Butylbenzene
Concen: 5.32 ug/l
RT: 13.384 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



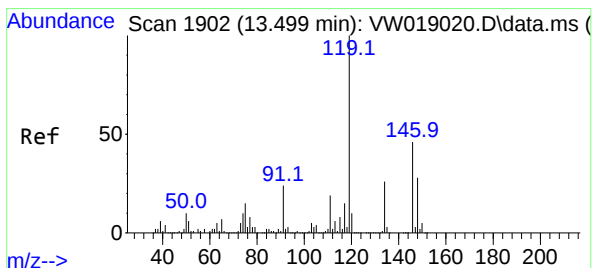
Tgt Ion:105 Resp: 111554
Ion Ratio Lower Upper
105 100
134 20.0 10.1 30.1



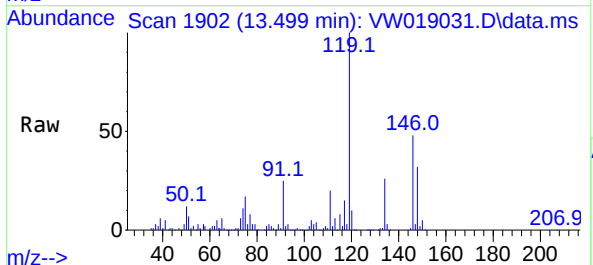
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
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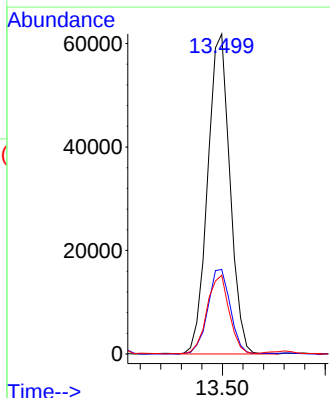
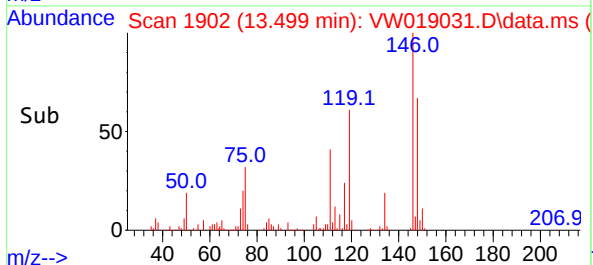
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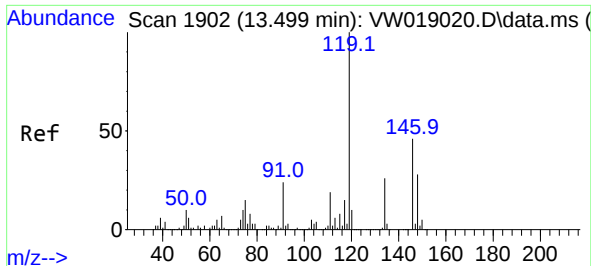


#86
p-Isopropyltoluene
Concen: 5.13 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

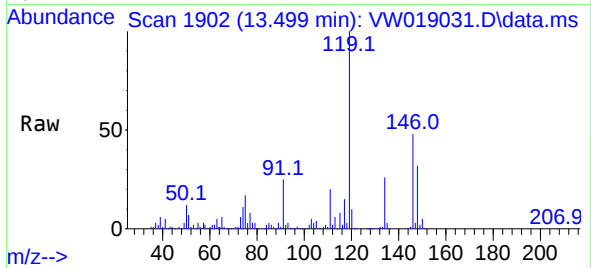


Tgt Ion:119 Resp: 93101
Ion Ratio Lower Upper
119 100
134 26.6 12.8 38.3
91 24.6 12.1 36.3

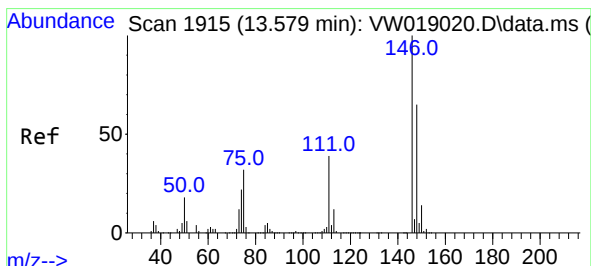
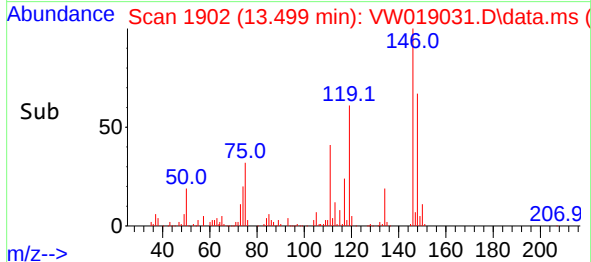
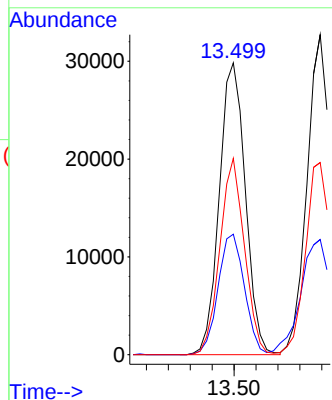




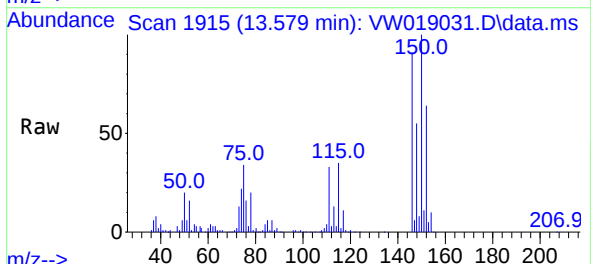
#87
1,3-Dichlorobenzene
Concen: 5.54 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



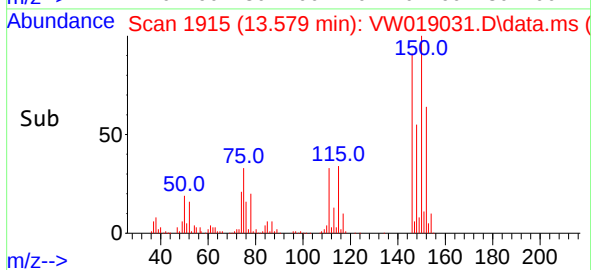
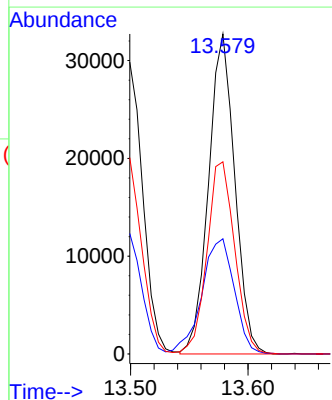
Tgt Ion:146 Resp: 49287
Ion Ratio Lower Upper
146 100
111 41.8 20.7 62.1
148 63.6 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 5.80 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



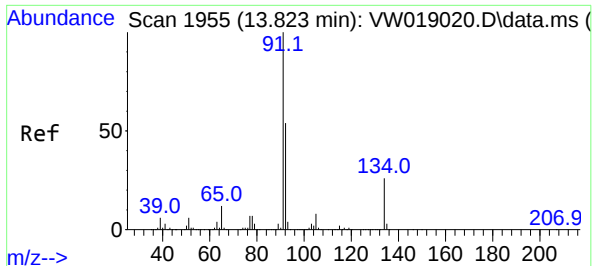
Tgt Ion:146 Resp: 50869
Ion Ratio Lower Upper
146 100
111 44.7 20.1 60.3
148 63.5 32.4 97.2



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

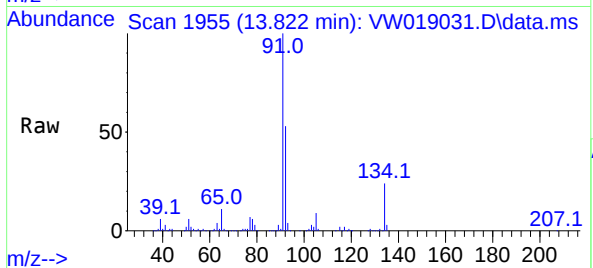
Manual Integrations
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#89
n-Butylbenzene
Concen: 5.14 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

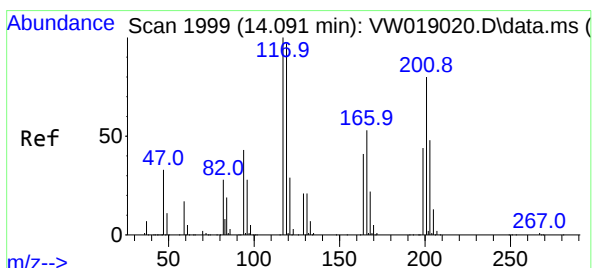
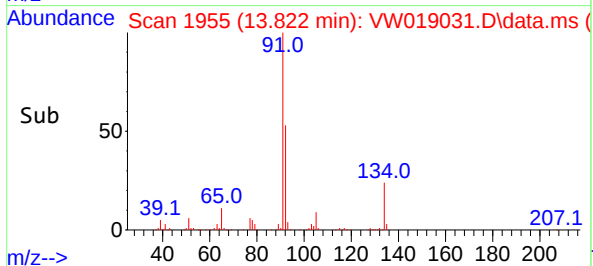
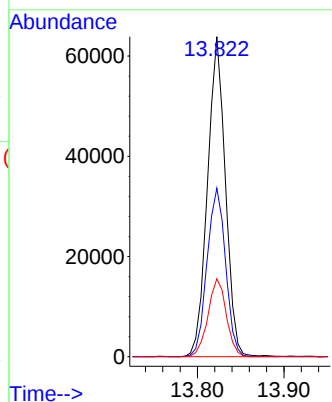
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion: 91 Resp: 91810
Ion Ratio Lower Upper
91 100
92 54.4 26.6 79.8
134 24.8 12.7 38.0

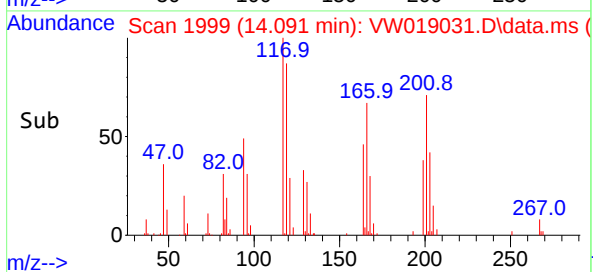
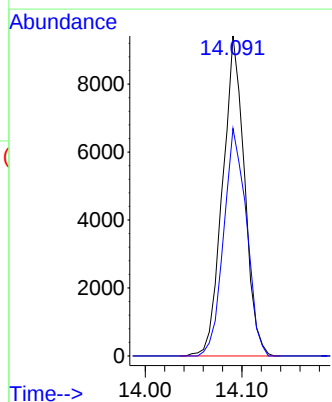
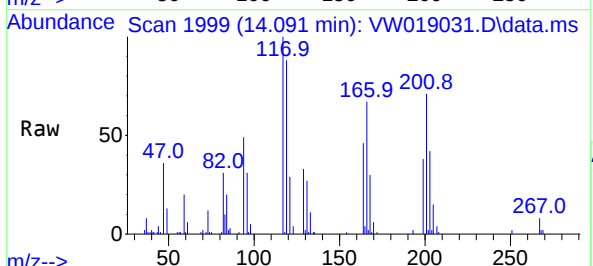
Manual Integrations
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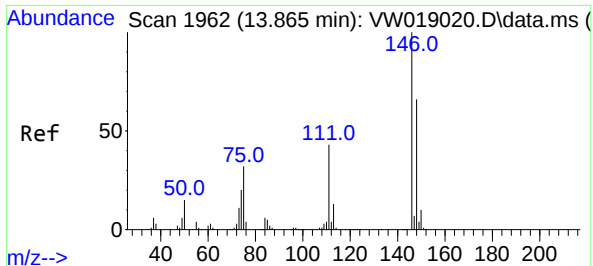
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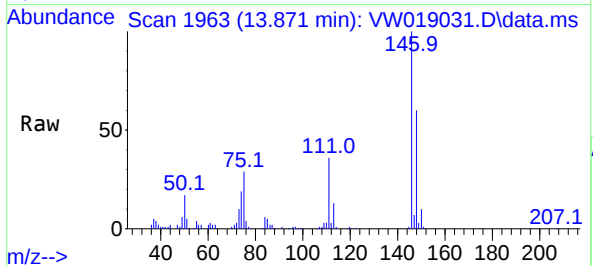
#90
Hexachloroethane
Concen: 5.19 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion: 117 Resp: 14757
Ion Ratio Lower Upper
117 100
201 74.1 38.4 115.2





#91
1,2-Dichlorobenzene
Concen: 5.60 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

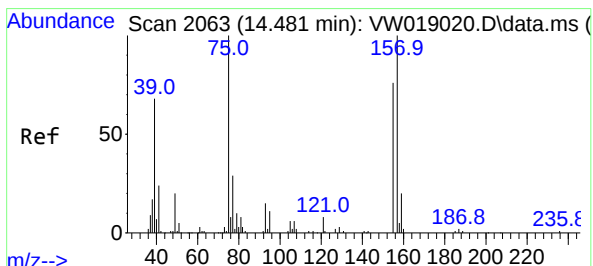
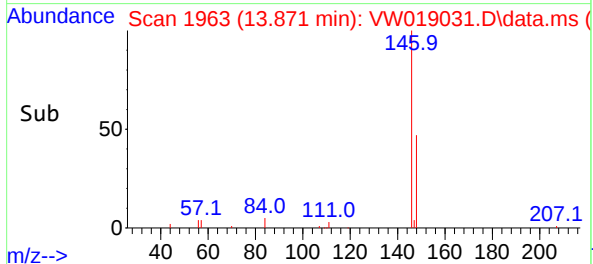
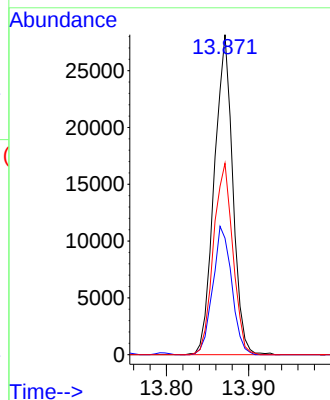


Tgt Ion:146 Resp: 44025
Ion Ratio Lower Upper
146 100
111 41.0 21.1 63.1
148 62.6 32.6 97.7

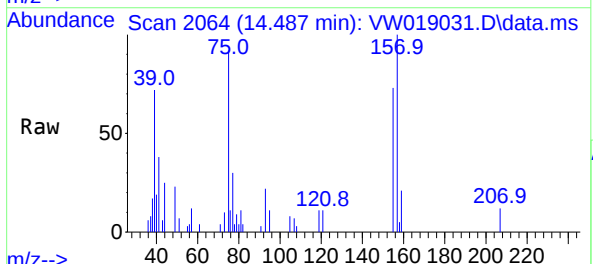
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
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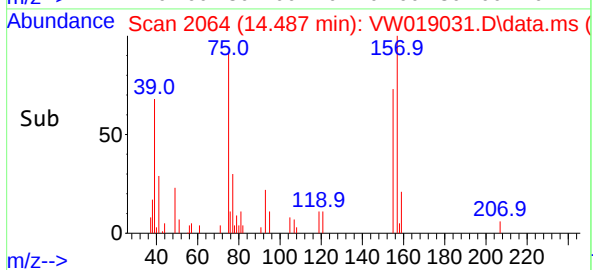
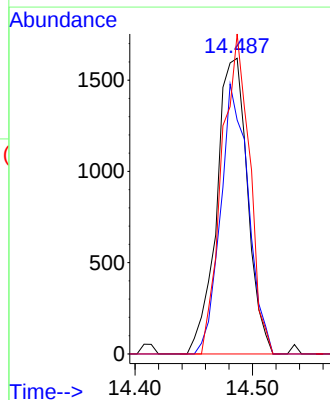
MMDadoda
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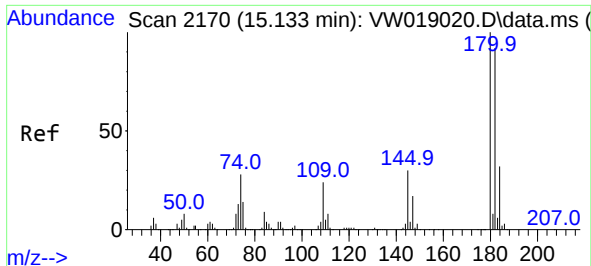


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.26 ug/l
RT: 14.487 min Scan# 2064
Delta R.T. 0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



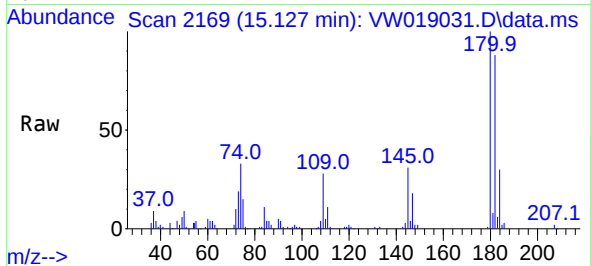
Tgt Ion: 75 Resp: 2967
Ion Ratio Lower Upper
75 100
155 82.1 41.3 124.1
157 97.0 51.2 153.6





#93
1,2,4-Trichlorobenzene
Concen: 5.58 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

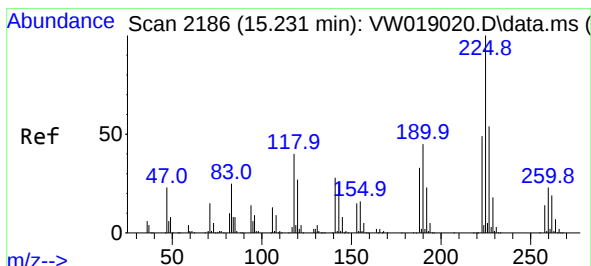
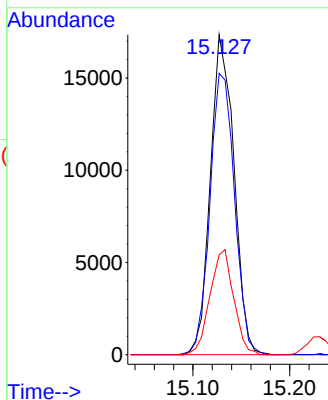
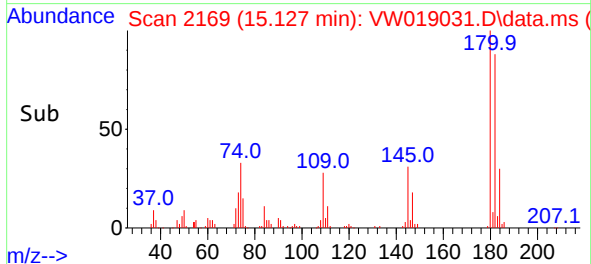
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



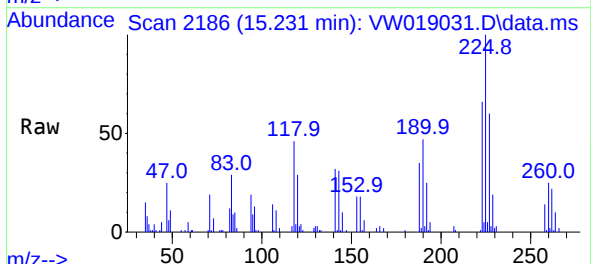
Tgt Ion:180 Resp: 29391
Ion Ratio Lower Upper
180 100
182 91.7 48.9 146.7
145 33.0 15.4 46.1

Manual Integrations
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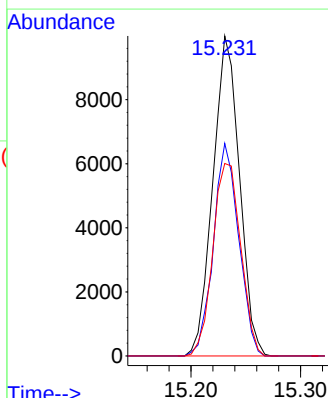
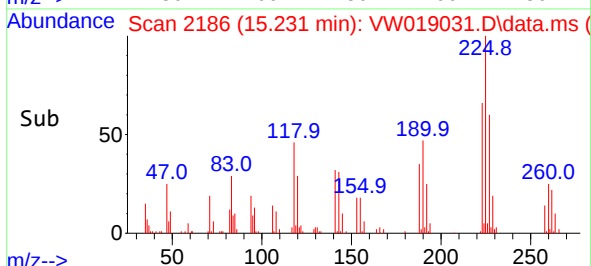
MMDadoda
5/20/2021 5:59:04 PM

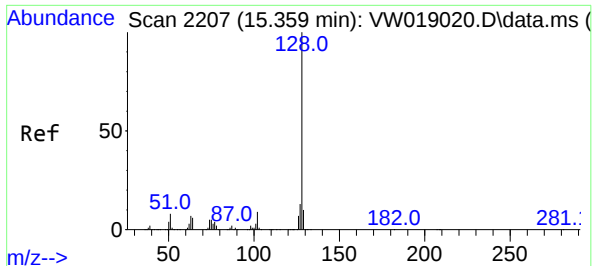


#94
Hexachlorobutadiene
Concen: 5.53 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30



Tgt Ion:225 Resp: 16822
Ion Ratio Lower Upper
225 100
223 63.4 29.6 88.8
227 63.2 30.4 91.3





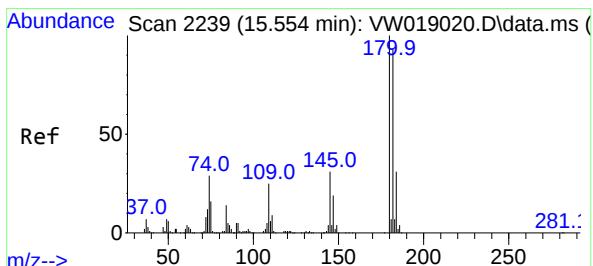
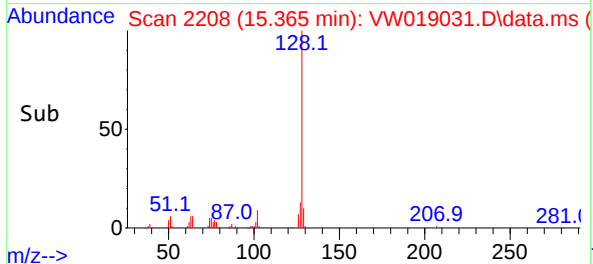
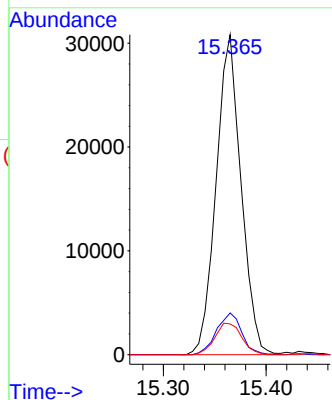
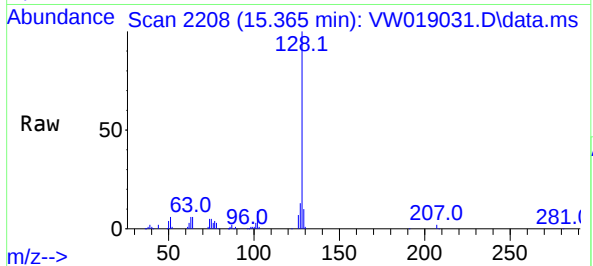
#95
Naphthalene
Concen: 5.40 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion:	128	Resp:	51842
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.6	8.5	12.7

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

Manual Integrations
APPROVED

MMDadoda
5/20/2021 5:59:04 PM



#96
1,2,3-Trichlorobenzene
Concen: 5.83 ug/l
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW019031.D
Acq: 18 May 2021 21:30

Tgt Ion:	180	Resp:	26561
Ion Ratio	Lower	Upper	
180	100		
182	93.4	47.4	142.3
145	30.9	16.1	48.2

