

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052421\
 Data File : VW019071.D
 Acq On : 24 May 2021 17:57
 Operator : SY/VA
 Sample : M2262-01 2.5PPBLOD
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: May 25 04:31:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 25 04:30:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	358530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	600377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	544893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	270168	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	245753	54.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.38%	
35) Dibromofluoromethane	7.884	113	216095	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
50) Toluene-d8	10.323	98	877447	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.621	95	306312	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.36%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	4688	1.86	ug/l	93
3) Chloromethane	2.215	50	6632	2.38	ug/l	93
4) Vinyl Chloride	2.361	62	8379	1.92	ug/l	98
5) Bromomethane	2.776	94	6968	1.97	ug/l	95
6) Chloroethane	2.928	64	5514	1.90	ug/l	99
7) Trichlorofluoromethane	3.263	101	4094	1.61	ug/l #	84
8) Diethyl Ether	3.684	74	4148	2.07	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.074	101	8388	2.19	ug/l	98
10) Methyl Iodide	4.275	142	10781	1.98	ug/l	99
11) Tert butyl alcohol	5.165	59	6993	31.81	ug/l #	92
12) 1,1-Dichloroethene	4.056	96	7447	1.87	ug/l	97
13) Acrolein	3.891	56	2837	10.45	ug/l	95
14) Allyl chloride	4.672	41	9696	1.82	ug/l	96
15) Acrylonitrile	5.373	53	7930	10.78	ug/l	97
16) Acetone	4.135	43	12241	17.70	ug/l	95
17) Carbon Disulfide	4.391	76	19591	1.81	ug/l	95
18) Methyl Acetate	4.690	43	5567	2.98	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	9866	2.03	ug/l	98
20) Methylene Chloride	4.922	84	55998	11.16	ug/l	95
21) trans-1,2-Dichloroethene	5.428	96	9147	2.05	ug/l	94
22) Diisopropyl ether	6.312	45	19702	1.91	ug/l	92
23) Vinyl Acetate	6.257	43	57332	8.42	ug/l	98
24) 1,1-Dichloroethane	6.220	63	15538	1.94	ug/l	94
25) 2-Butanone	7.183	43	13467	13.19	ug/l	96
26) 2,2-Dichloropropane	7.165	77	12858	2.81	ug/l	86
27) cis-1,2-Dichloroethene	7.177	96	9707	1.98	ug/l	84
28) Bromochloromethane	7.513	49	7179	2.27	ug/l	99
29) Tetrahydrofuran	7.537	42	6669	11.53	ug/l	93
30) Chloroform	7.683	83	16634	2.06	ug/l	92
31) Cyclohexane	7.958	56	21265	3.12	ug/l #	62
32) 1,1,1-Trichloroethane	7.878	97	11887	1.92	ug/l	99
36) 1,1-Dichloropropene	8.080	75	13414	2.00	ug/l	99
37) Ethyl Acetate	7.256	43	5976	2.47	ug/l	97
38) Carbon Tetrachloride	8.067	117	10756	1.81	ug/l	90
39) Methylcyclohexane	9.335	83	16036	2.15	ug/l	94
40) Benzene	8.323	78	36221	1.98	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	2910	2.06	ug/l	90
42) 1,2-Dichloroethane	8.403	62	11233	2.08	ug/l	100
43) Isopropyl Acetate	8.427	43	9094	1.95	ug/l	96
44) Trichloroethene	9.092	130	9742	2.03	ug/l	100
45) 1,2-Dichloropropane	9.372	63	8810	1.99	ug/l	90
46) Dibromomethane	9.457	93	4596	1.99	ug/l	95
47) Bromodichloromethane	9.646	83	10901	1.83	ug/l	97
48) Methyl methacrylate	9.439	41	4696	2.15	ug/l	85
49) 1,4-Dioxane	9.451	88	1265	45.66	ug/l	97
51) 4-Methyl-2-Pentanone	10.213	43	25974	10.95	ug/l	98
52) Toluene	10.390	92	23263	2.00	ug/l	96
53) t-1,3-Dichloropropene	10.610	75	10248	1.73	ug/l	95
54) cis-1,3-Dichloropropene	10.073	75	12172	1.73	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	6304	1.93	ug/l	92
56) Ethyl methacrylate	10.646	69	7111	1.74	ug/l	96
57) 1,3-Dichloropropane	10.933	76	11717	2.01	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	25450	12.31	ug/l	99
59) 2-Hexanone	10.969	43	15446	9.68	ug/l	97
60) Dibromochloromethane	11.128	129	6487	1.78	ug/l	93
61) 1,2-Dibromoethane	11.237	107	6129	1.99	ug/l	98
64) Tetrachloroethene	10.866	164	8643	2.21	ug/l	87
65) Chlorobenzene	11.658	112	25534	2.11	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.731	131	7787	1.88	ug/l #	66
67) Ethyl Benzene	11.731	91	45304	1.97	ug/l	97
68) m/p-Xylenes	11.841	106	33589	3.98	ug/l	100
69) o-Xylene	12.164	106	15197	1.91	ug/l	98
70) Styrene	12.182	104	23806	1.79	ug/l	98
71) Bromoform	12.347	173	3555	1.78	ug/l #	98
73) Isopropylbenzene	12.463	105	42072	1.91	ug/l	100
74) N-amyl acetate	12.274	43	7867	1.78	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.713	83	7834	2.08	ug/l	89
76) 1,2,3-Trichloropropane	12.768	75	6111m	2.37	ug/l	
77) Bromobenzene	12.749	156	9648	2.05	ug/l	95
78) n-propylbenzene	12.804	91	55069	2.02	ug/l	99
79) 2-Chlorotoluene	12.890	91	31161	2.02	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	37363	2.01	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	2016m	1.77	ug/l	
82) 4-Chlorotoluene	12.987	91	32798	2.02	ug/l	99
83) tert-Butylbenzene	13.207	119	31263	1.97	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	36616	1.97	ug/l	99
85) sec-Butylbenzene	13.383	105	47681	2.01	ug/l	99
86) p-Isopropyltoluene	13.499	119	39340	1.94	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	20590	2.11	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	22381	2.33	ug/l	89
89) n-Butylbenzene	13.822	91	39663	1.96	ug/l	99
90) Hexachloroethane	14.091	117	6223	1.94	ug/l	94
91) 1,2-Dichlorobenzene	13.871	146	17822	2.10	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	1315	2.20	ug/l	91
93) 1,2,4-Trichlorobenzene	15.127	180	12862	2.19	ug/l	98
94) Hexachlorobutadiene	15.237	225	7098	2.14	ug/l	96
95) Naphthalene	15.365	128	23264	2.26	ug/l	97
96) 1,2,3-Trichlorobenzene	15.554	180	12294	2.47	ug/l	97

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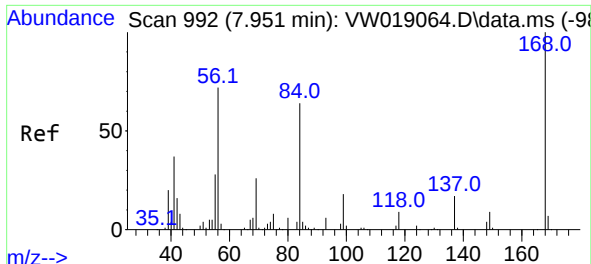
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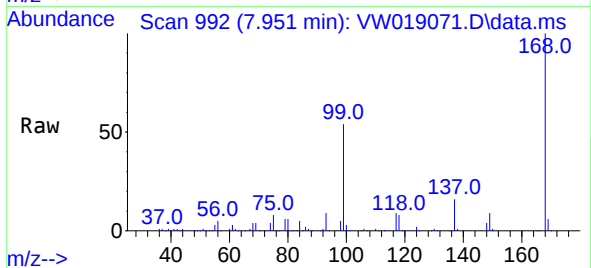
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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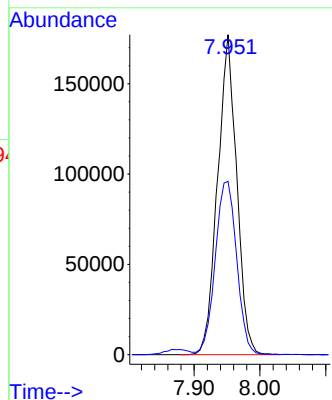
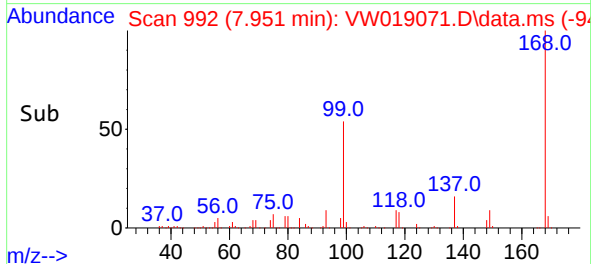
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
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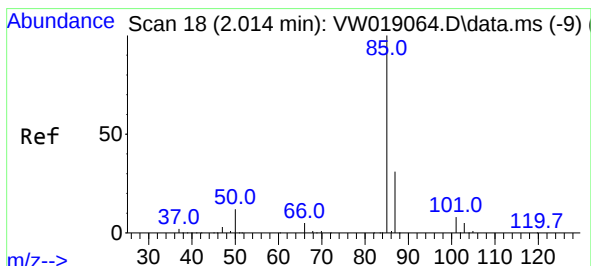
Tgt Ion:168 Resp: 358530
Ion Ratio Lower Upper
168 100
99 54.1 48.8 73.2



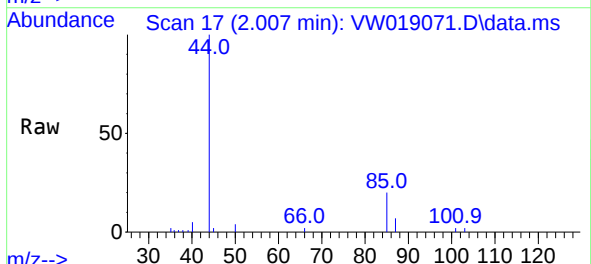
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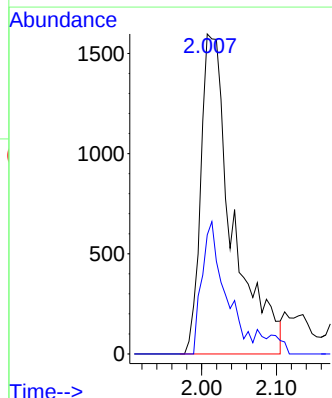
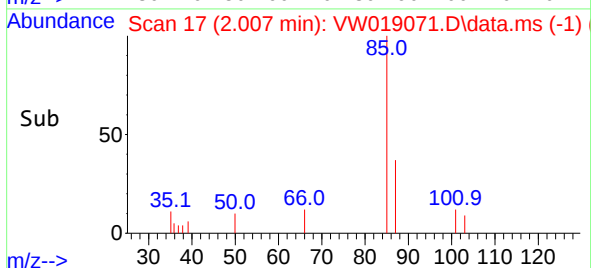
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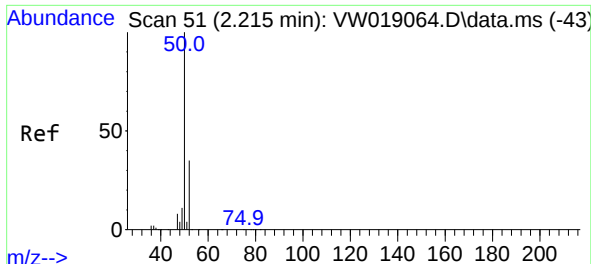


#2
Dichlorodifluoromethane
Concen: 1.86 ug/l
RT: 2.007 min Scan# 17
Delta R.T. -0.007 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



Tgt Ion: 85 Resp: 4688
Ion Ratio Lower Upper
85 100
87 37.2 16.7 50.0





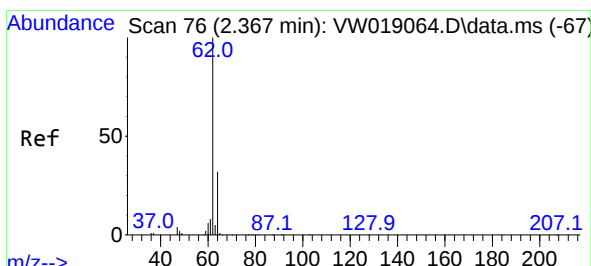
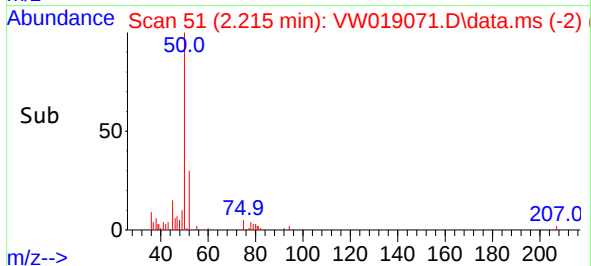
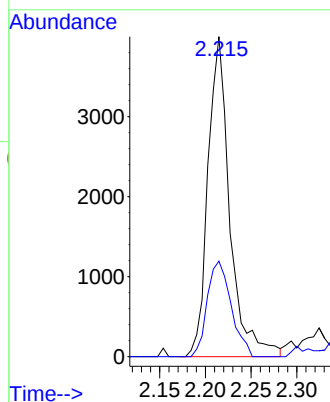
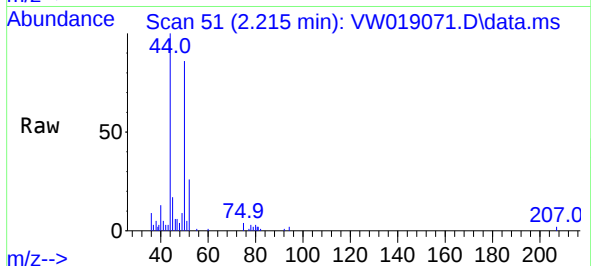
#3
Chloromethane
Concen: 2.38 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

Tgt Ion: 50 Resp: 6632
Ion Ratio Lower Upper
50 100
52 29.9 26.9 40.3

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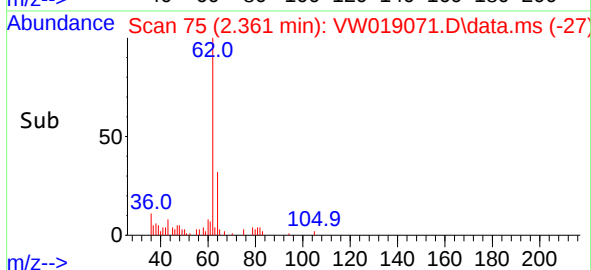
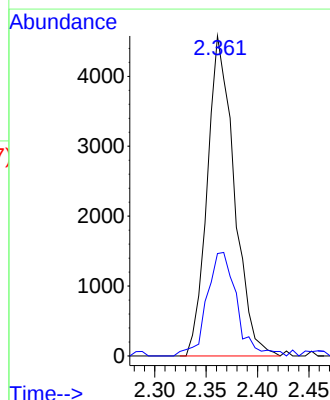
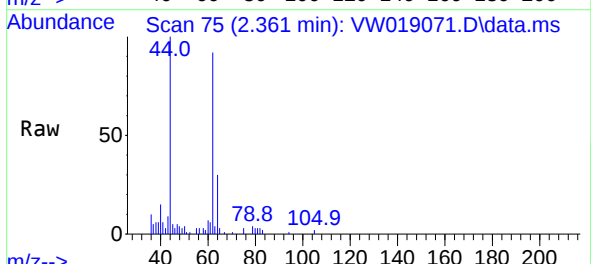
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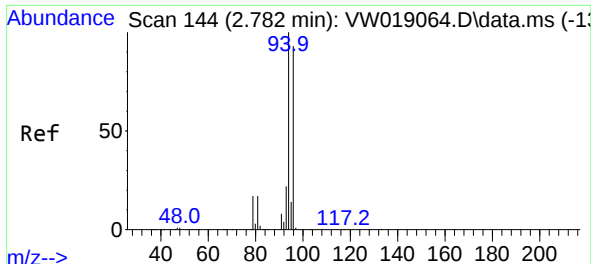
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#4
Vinyl Chloride
Concen: 1.92 ug/l
RT: 2.361 min Scan# 75
Delta R.T. -0.006 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

Tgt Ion: 62 Resp: 8379
Ion Ratio Lower Upper
62 100
64 30.6 25.3 37.9





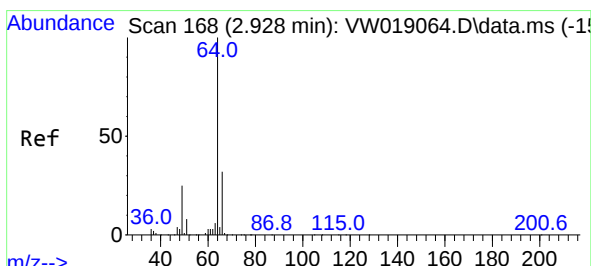
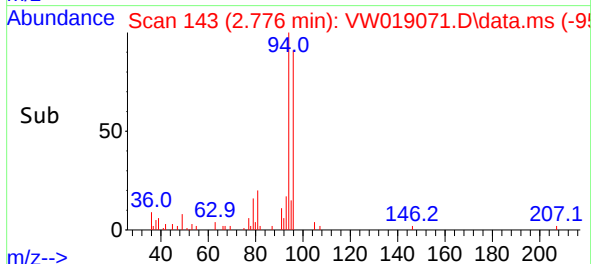
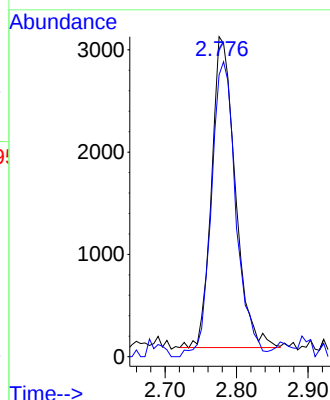
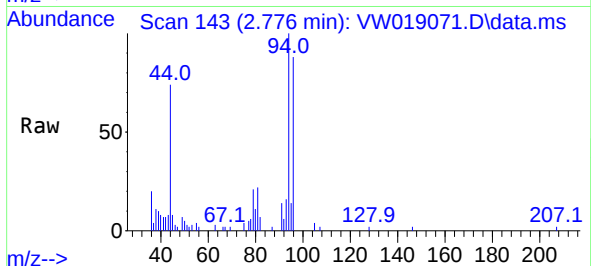
#5
Bromomethane
Concen: 1.97 ug/l
RT: 2.776 min Scan# 143
Delta R.T. -0.006 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

Tgt Ion: 94 Resp: 6968
Ion Ratio Lower Upper
94 100
96 90.6 76.4 114.6

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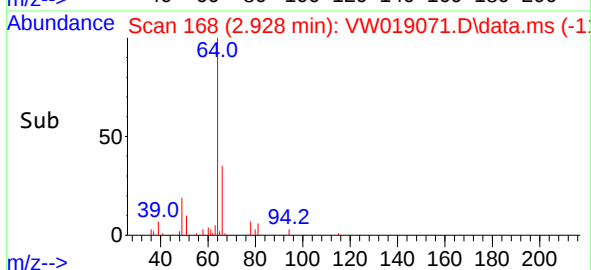
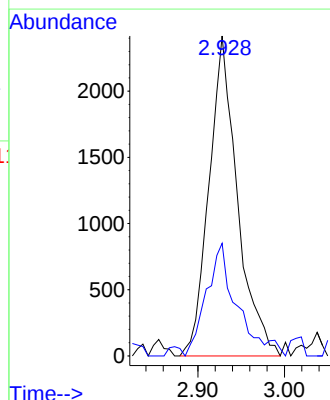
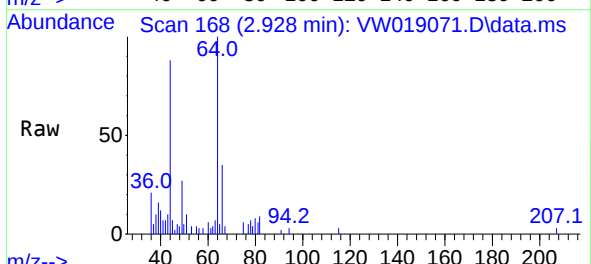
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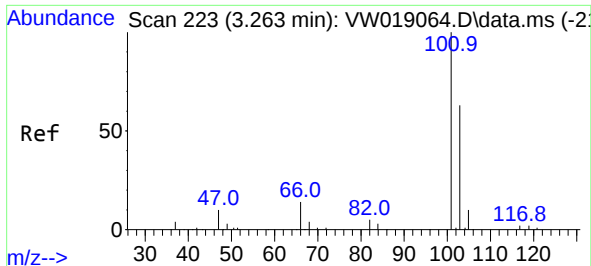
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#6
Chloroethane
Concen: 1.90 ug/l
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

Tgt Ion: 64 Resp: 5514
Ion Ratio Lower Upper
64 100
66 32.9 25.9 38.9





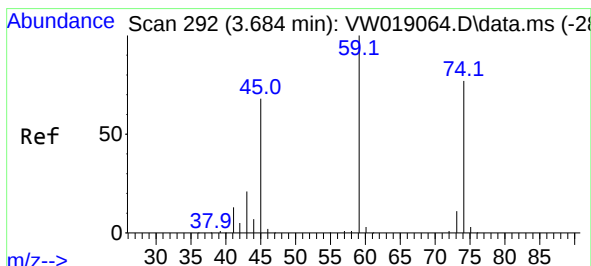
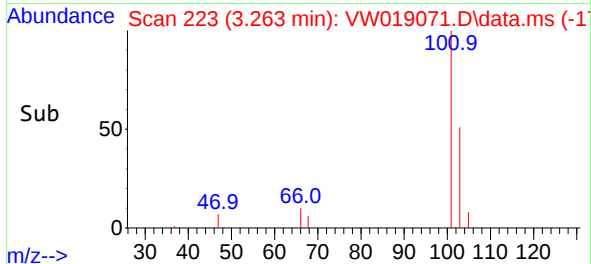
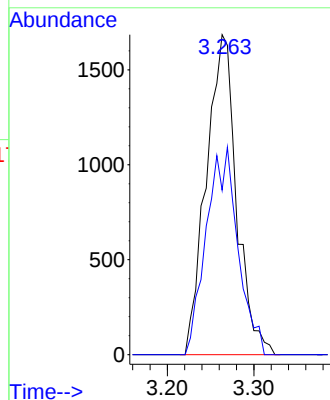
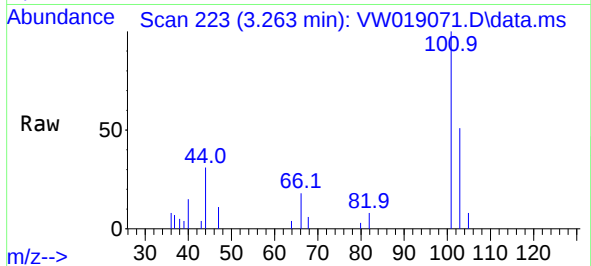
#7
 Trichlorofluoromethane
 Concen: 1.61 ug/l
 RT: 3.263 min Scan# 223
 Delta R.T. 0.000 min
 Lab File: VW019071.D
 Acq: 24 May 2021 17:57

Tgt Ion: 101 Resp: 4094
 Ion Ratio Lower Upper
 101 100
 103 51.4 51.4 77.2#

Instrument :
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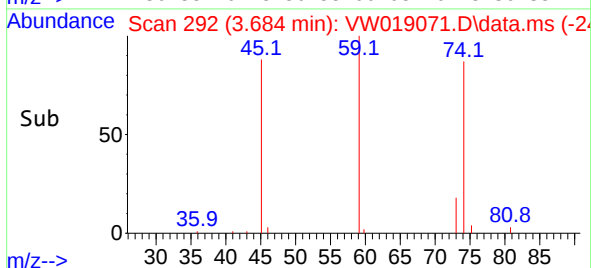
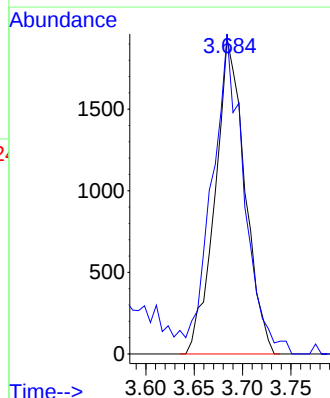
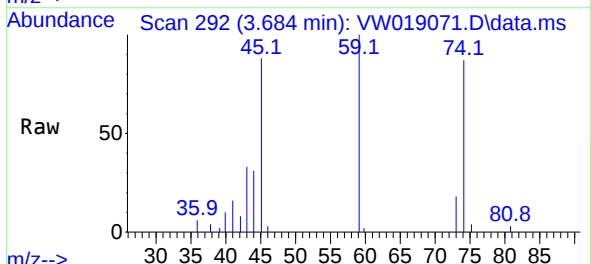
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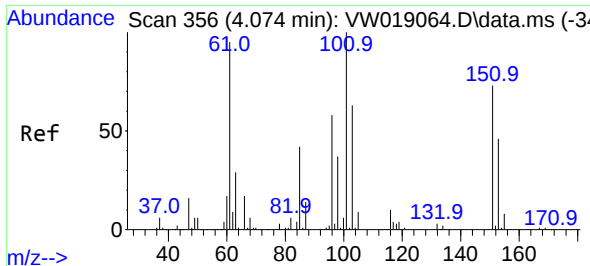
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#8
 Diethyl Ether
 Concen: 2.07 ug/l
 RT: 3.684 min Scan# 292
 Delta R.T. -0.000 min
 Lab File: VW019071.D
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Tgt Ion: 74 Resp: 4148
 Ion Ratio Lower Upper
 74 100
 45 108.1 43.3 129.8





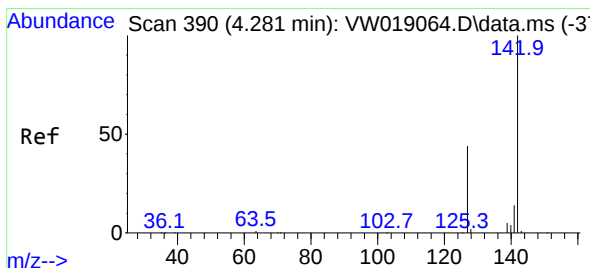
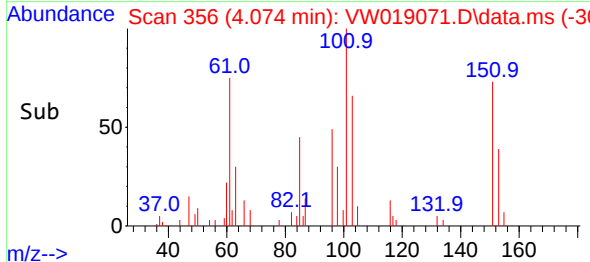
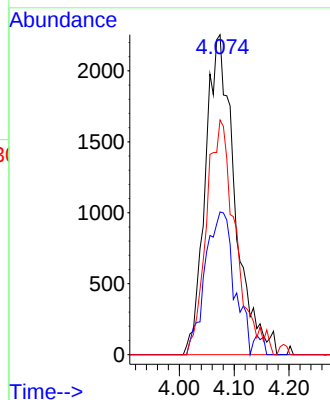
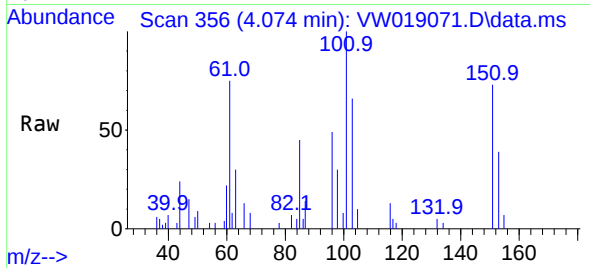
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.19 ug/l
RT: 4.074 min Scan# 356
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

Tgt Ion:101 Resp: 8388
Ion Ratio Lower Upper
101 100
85 44.4 35.9 53.9
151 73.0 59.8 89.6

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

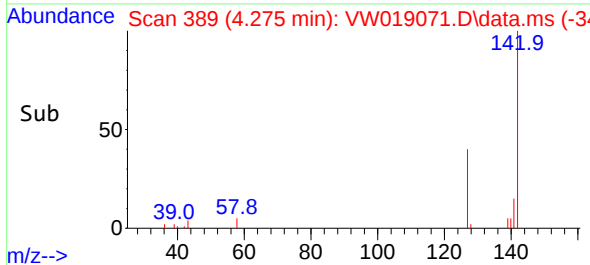
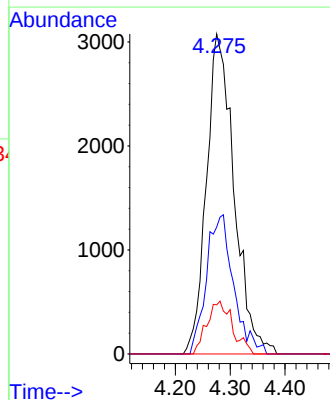
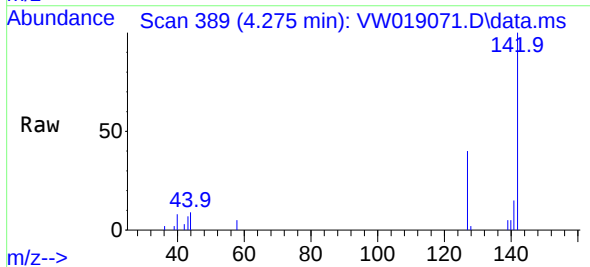
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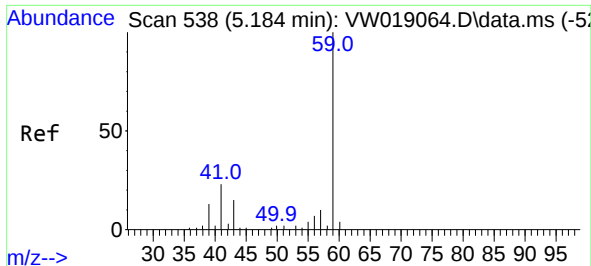
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#10
Methyl Iodide
Concen: 1.98 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

Tgt Ion:142 Resp: 10781
Ion Ratio Lower Upper
142 100
127 42.5 33.7 50.5
141 15.3 11.2 16.8





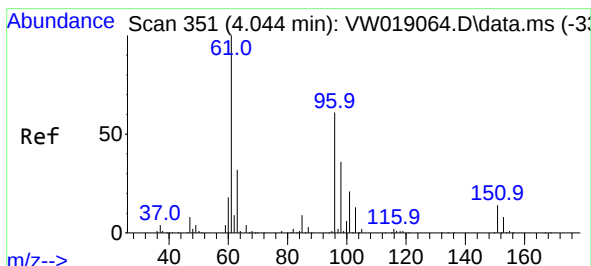
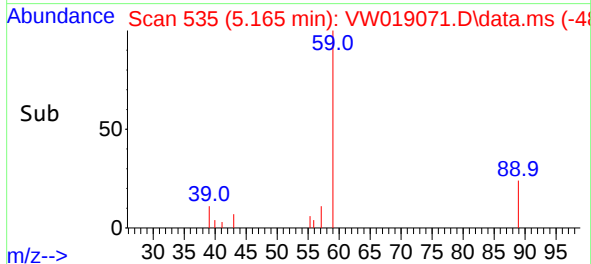
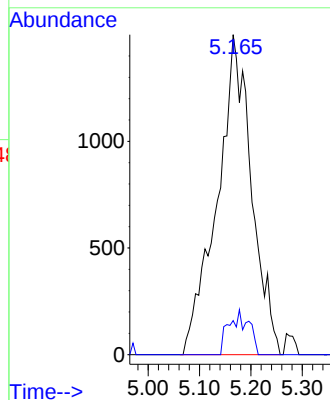
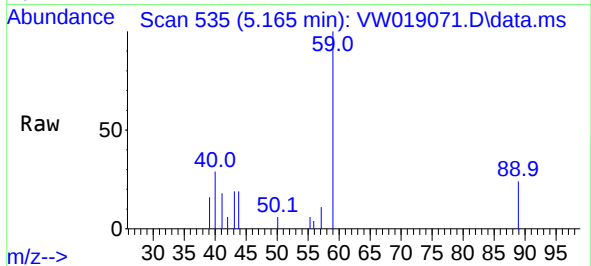
#11
Tert butyl alcohol
Concen: 31.81 ug/l
RT: 5.165 min Scan# 535
Delta R.T. -0.019 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

Tgt Ion: 59 Resp: 6993
Ion Ratio Lower Upper
59 100
57 8.1 8.9 13.3#

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

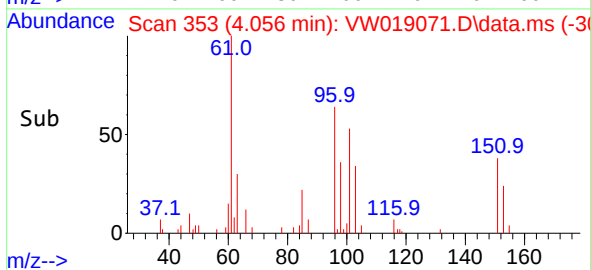
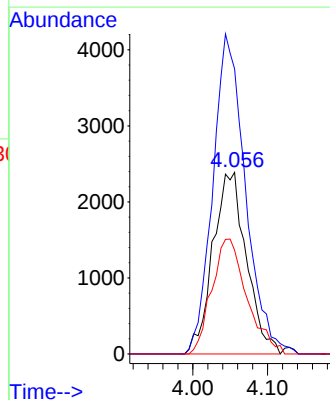
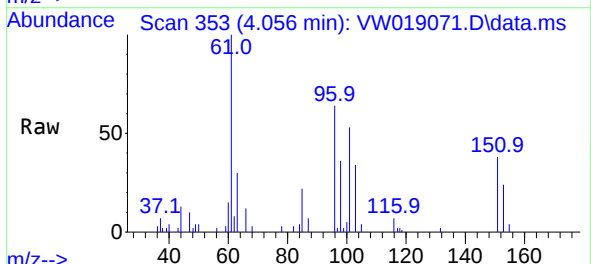
Manual Integrations
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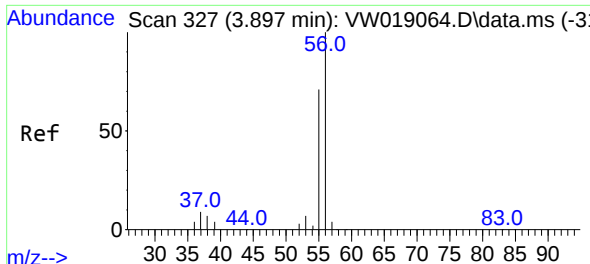
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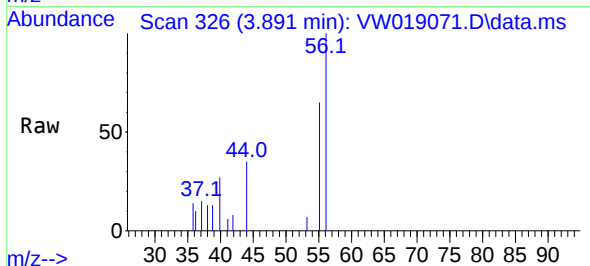
#12
1,1-Dichloroethene
Concen: 1.87 ug/l
RT: 4.056 min Scan# 353
Delta R.T. 0.012 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

Tgt Ion: 96 Resp: 7447
Ion Ratio Lower Upper
96 100
61 157.0 123.0 184.4
98 57.1 47.5 71.3

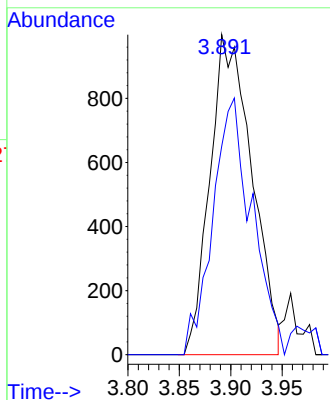
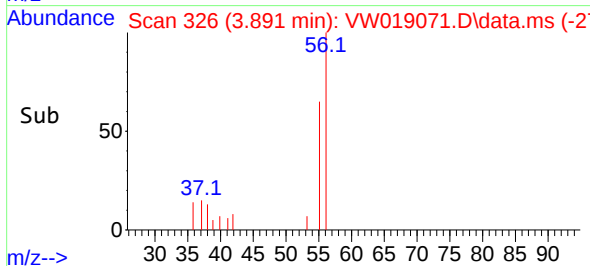




#13
Acrolein
Concen: 10.45 ug/l
RT: 3.891 min Scan# 326
Delta R.T. -0.006 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



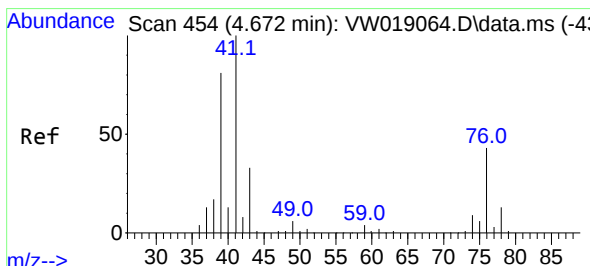
Tgt Ion: 56 Resp: 2837
Ion Ratio Lower Upper
56 100
55 74.7 56.7 85.1



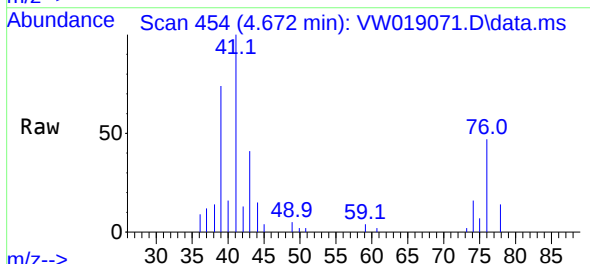
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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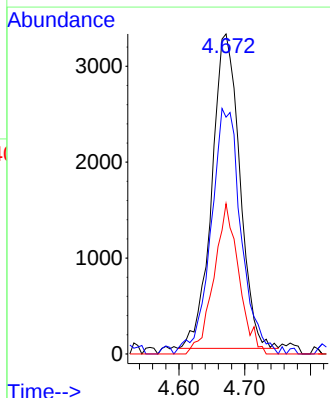
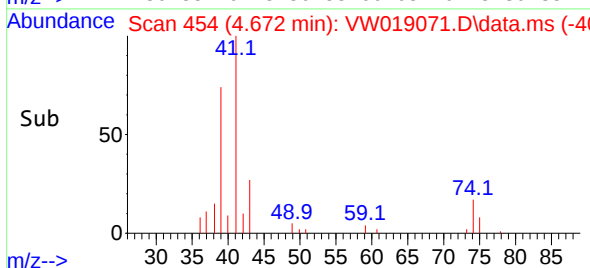
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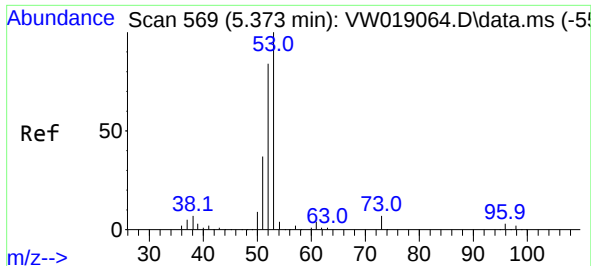


#14
Allyl chloride
Concen: 1.82 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

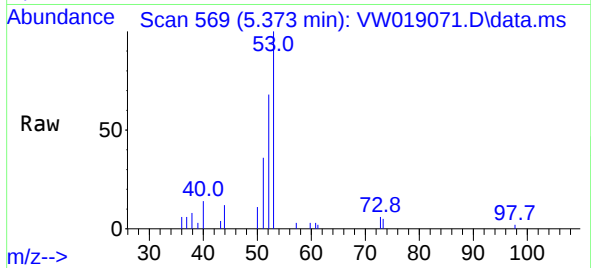


Tgt Ion: 41 Resp: 9696
Ion Ratio Lower Upper
41 100
39 84.1 63.9 95.9
76 42.8 35.1 52.7

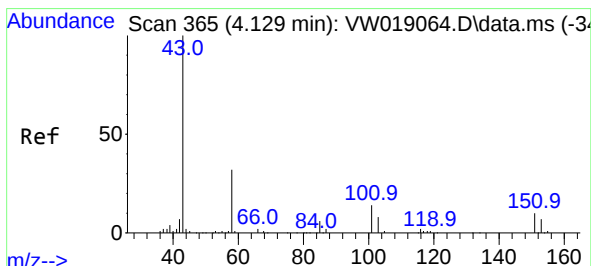
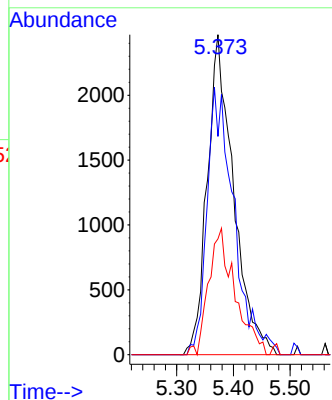
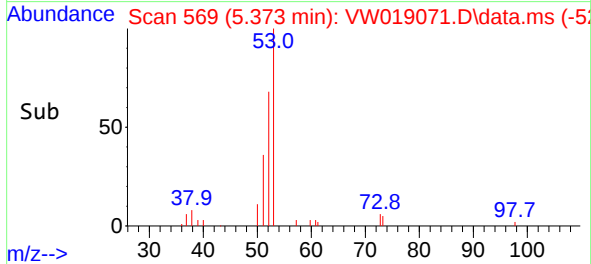




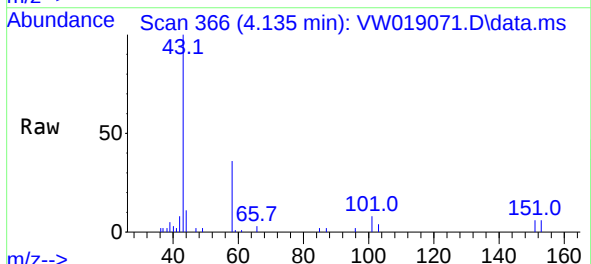
#15
Acrylonitrile
Concen: 10.78 ug/l
RT: 5.373 min Scan# 569
Delta R.T. -0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



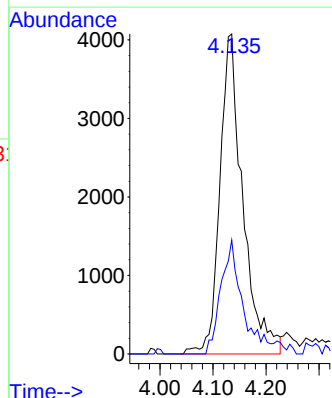
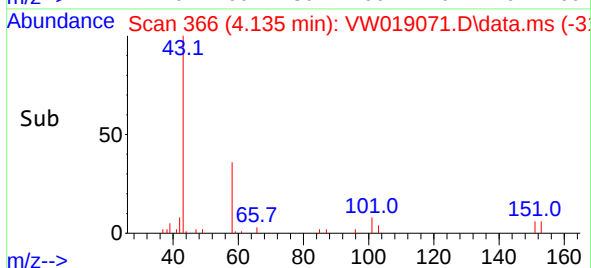
Tgt Ion:	53	Resp:	7930
Ion	Ratio	Lower	Upper
53	100		
52	85.6	66.5	99.7
51	39.7	29.8	44.8



#16
Acetone
Concen: 17.70 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



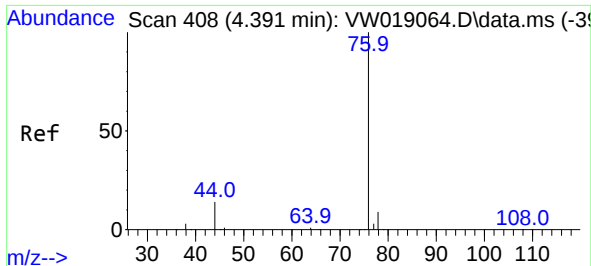
Tgt Ion:	43	Resp:	12241
Ion	Ratio	Lower	Upper
43	100		
58	35.6	26.4	39.6



Instrument :
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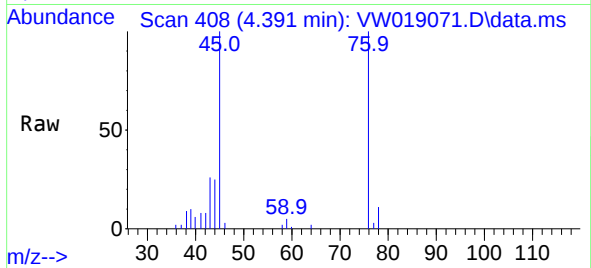
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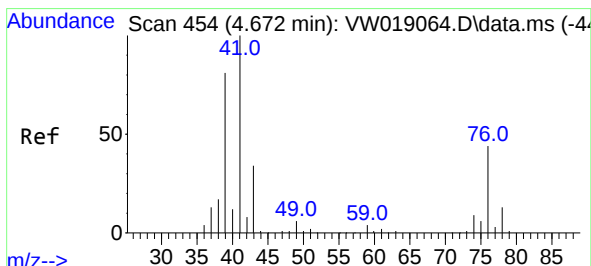
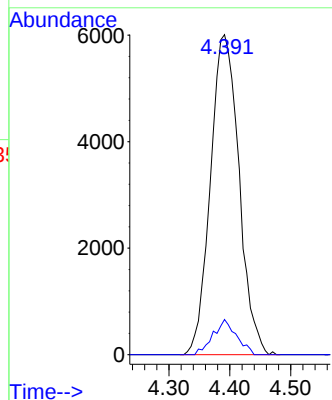
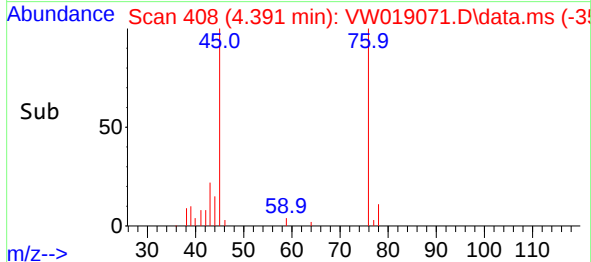


#17
Carbon Disulfide
Concen: 1.81 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

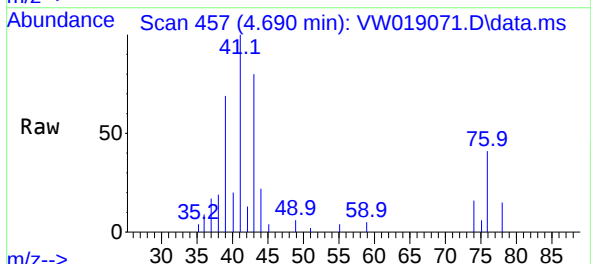
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



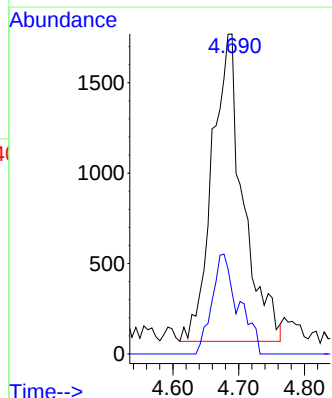
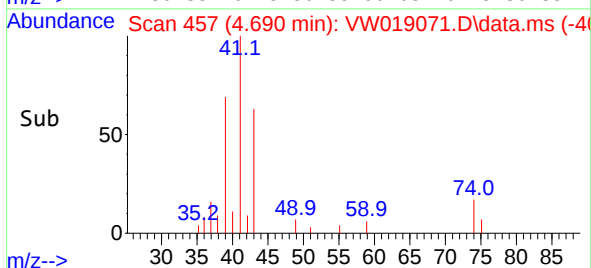
Tgt Ion: 76 Resp: 19591
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.2

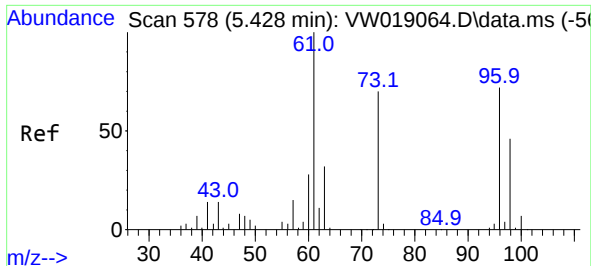


#18
Methyl Acetate
Concen: 2.98 ug/l
RT: 4.690 min Scan# 457
Delta R.T. 0.018 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



Tgt Ion: 43 Resp: 5567
Ion Ratio Lower Upper
43 100
74 27.9 21.8 32.8





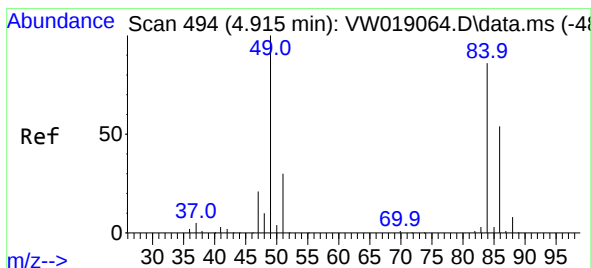
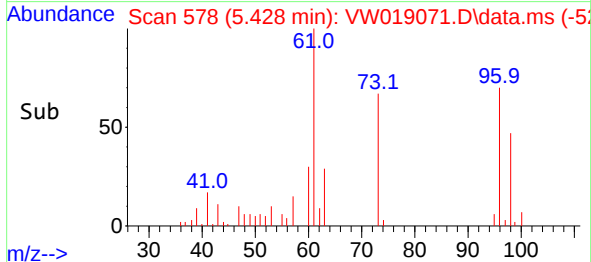
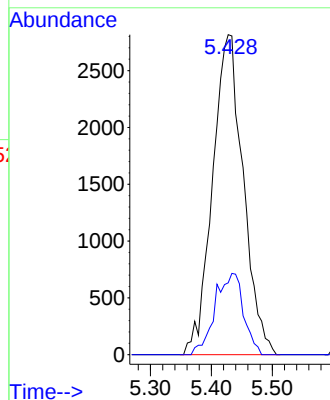
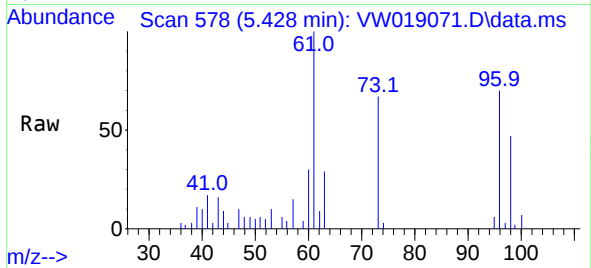
#19
Methyl tert-butyl Ether
Concen: 2.03 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

Tgt Ion: 73 Resp: 9866
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.0

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

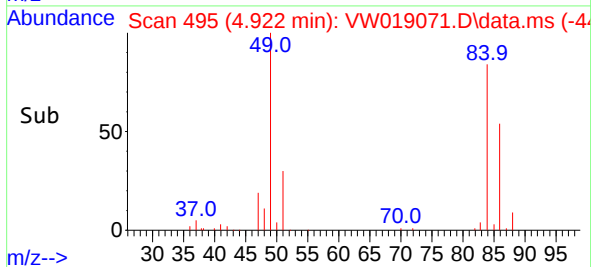
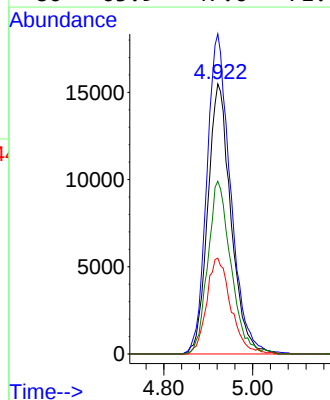
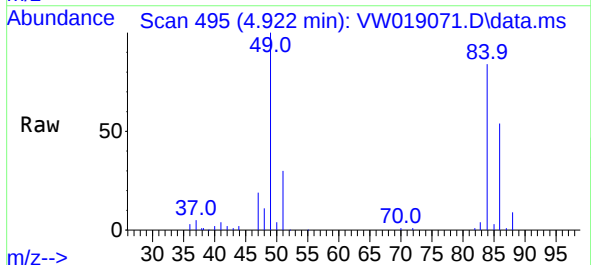
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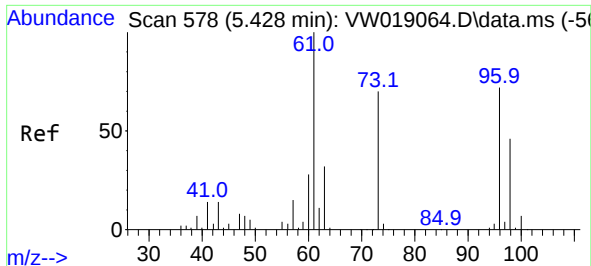
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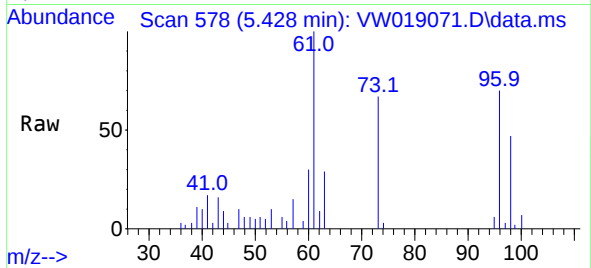
#20
Methylene Chloride
Concen: 11.16 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.007 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

Tgt Ion: 84 Resp: 55998
Ion Ratio Lower Upper
84 100
49 118.5 90.4 135.6
51 35.5 27.1 40.7
86 63.9 47.6 71.4

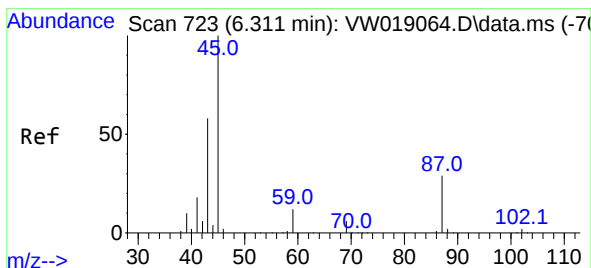
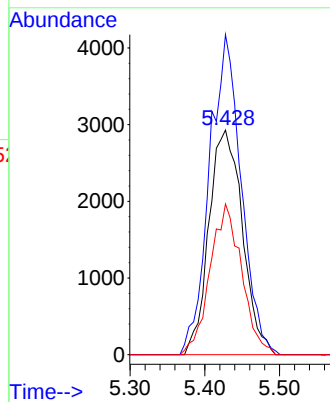
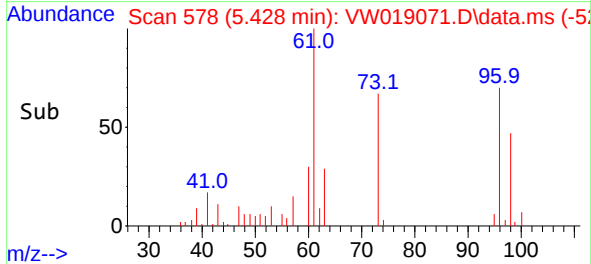




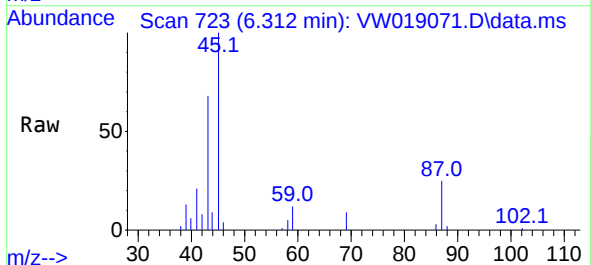
#21
trans-1,2-Dichloroethene
Concen: 2.05 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



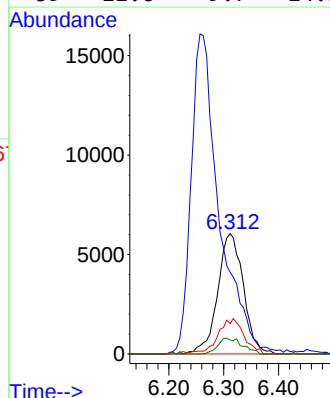
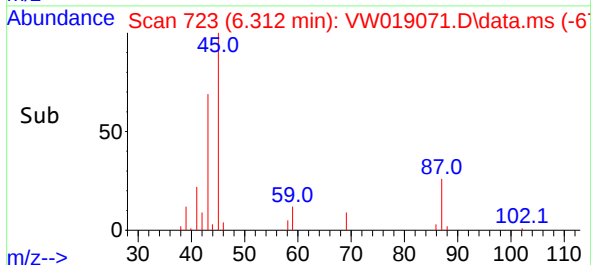
Tgt Ion: 96 Resp: 9147
Ion Ratio Lower Upper
96 100
61 142.5 108.5 162.7
98 67.1 49.4 74.0



#22
Diisopropyl ether
Concen: 1.91 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



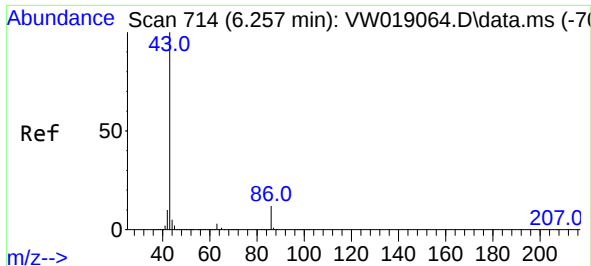
Tgt Ion: 45 Resp: 19702
Ion Ratio Lower Upper
45 100
43 64.5 46.1 69.1
87 25.3 23.4 35.2
59 11.6 9.7 14.5



Instrument :
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ClientSampleId :
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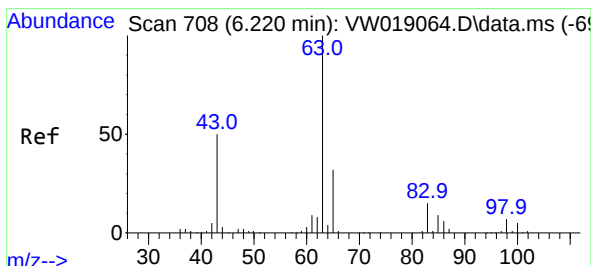
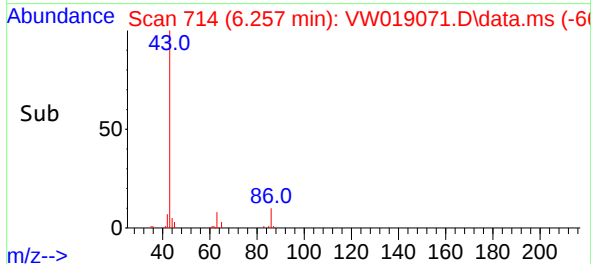
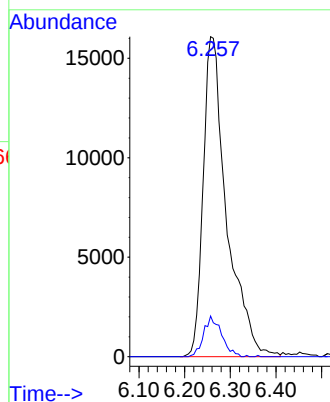
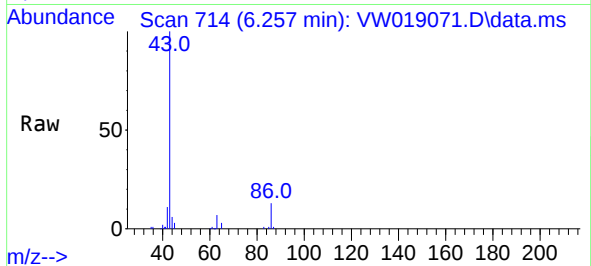
#23
Vinyl Acetate
Concen: 8.42 ug/l
RT: 6.257 min Scan# 714
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

Tgt Ion: 43 Resp: 57332
Ion Ratio Lower Upper
43 100
86 12.7 9.6 14.4

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

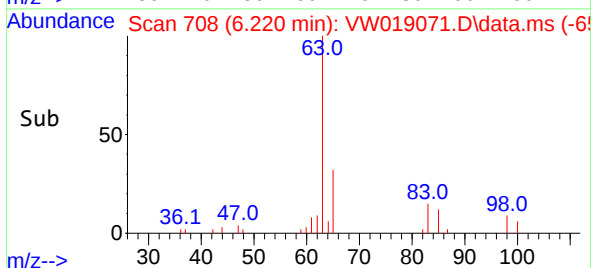
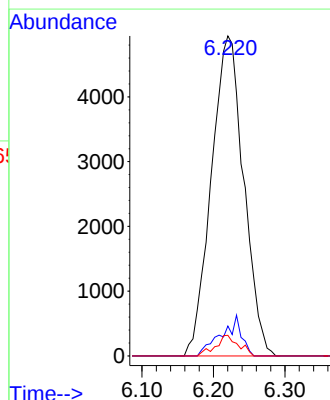
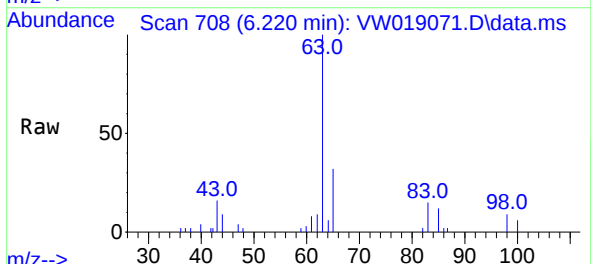
Manual Integrations
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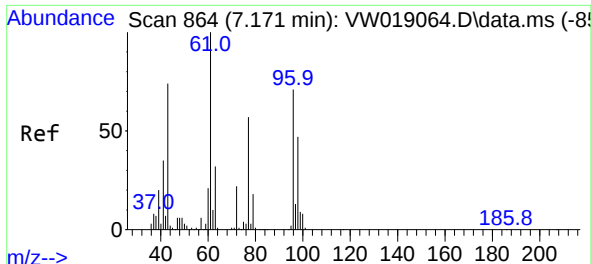
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#24
1,1-Dichloroethane
Concen: 1.94 ug/l
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

Tgt Ion: 63 Resp: 15538
Ion Ratio Lower Upper
63 100
98 9.3 3.6 10.9
100 6.4 2.3 6.8





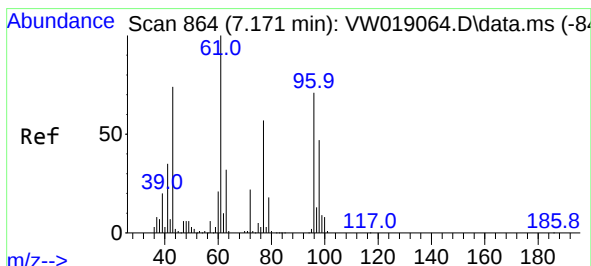
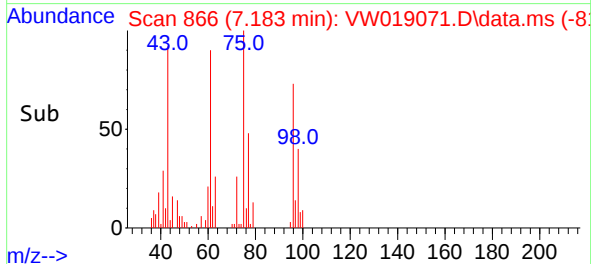
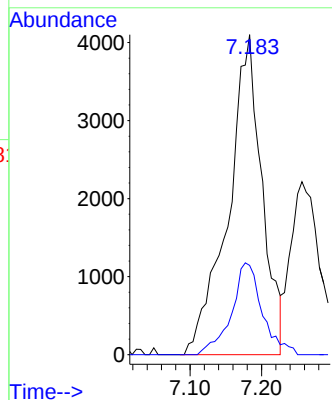
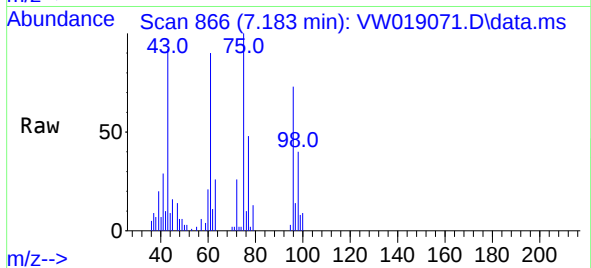
#25
2-Butanone
Concen: 13.19 ug/l
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

Tgt Ion: 43 Resp: 13467
Ion Ratio Lower Upper
43 100
72 27.9 24.0 36.0

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

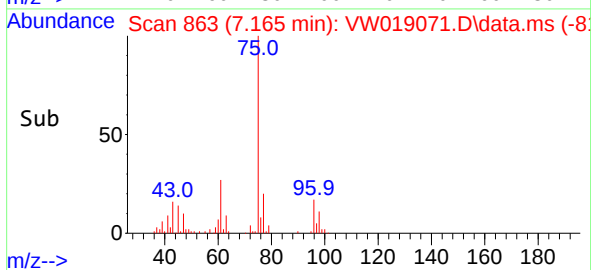
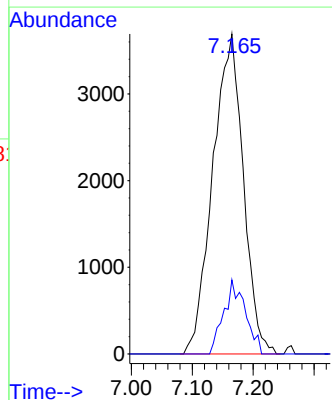
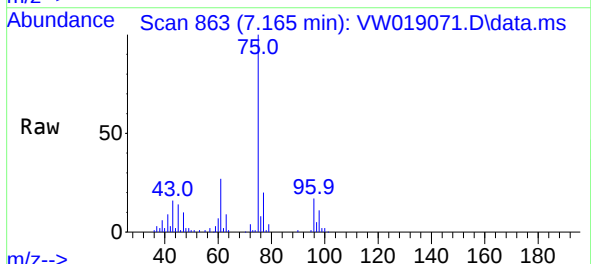
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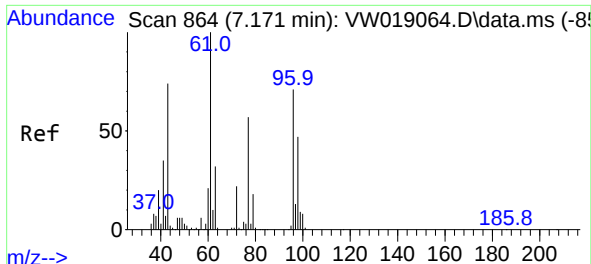
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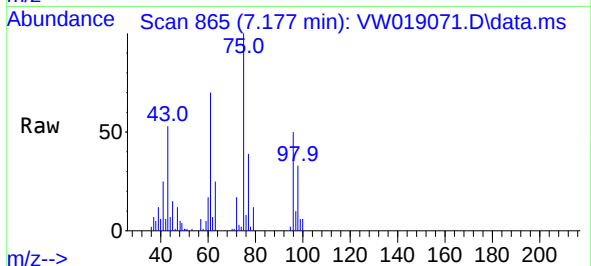
#26
2,2-Dichloropropane
Concen: 2.81 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW019071.D
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Tgt Ion: 77 Resp: 12858
Ion Ratio Lower Upper
77 100
97 16.4 11.8 35.3

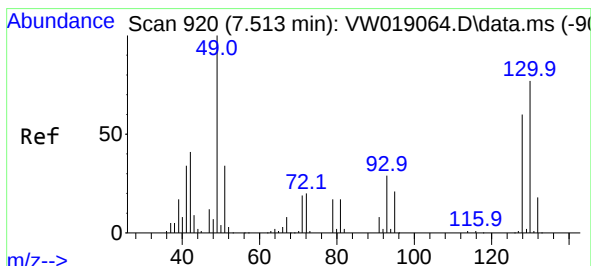
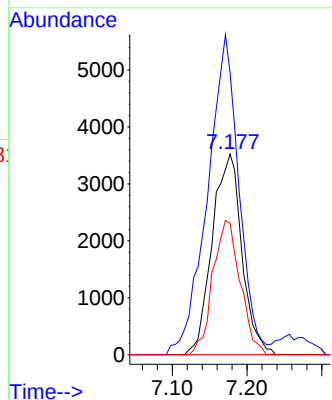
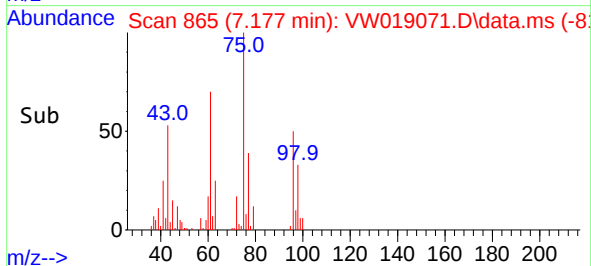




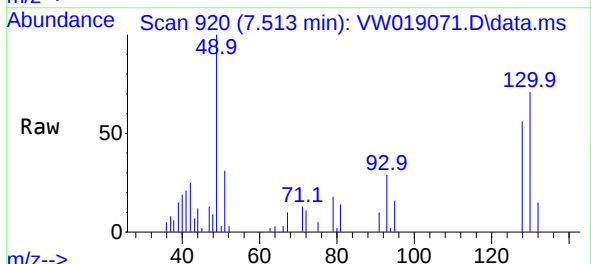
#27
 cis-1,2-Dichloroethene
 Concen: 1.98 ug/l
 RT: 7.177 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VW019071.D
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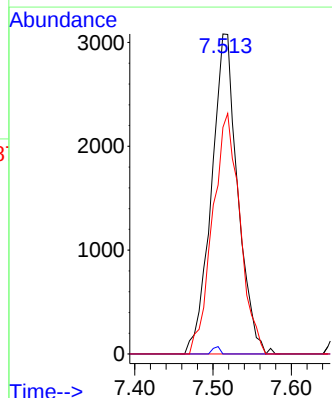
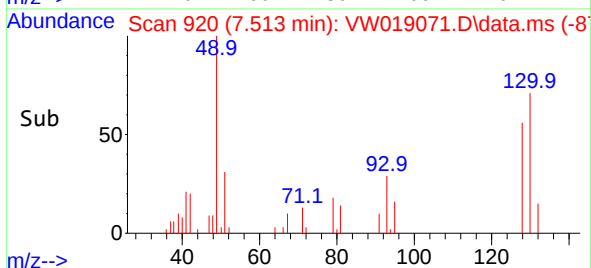
Tgt Ion:	96	Resp:	9707
Ion	Ratio	Lower	Upper
96	100		
61	168.6	0.0	281.2
98	61.9	0.0	127.4



#28
 Bromochloromethane
 Concen: 2.27 ug/l
 RT: 7.513 min Scan# 920
 Delta R.T. 0.000 min
 Lab File: VW019071.D
 Acq: 24 May 2021 17:57



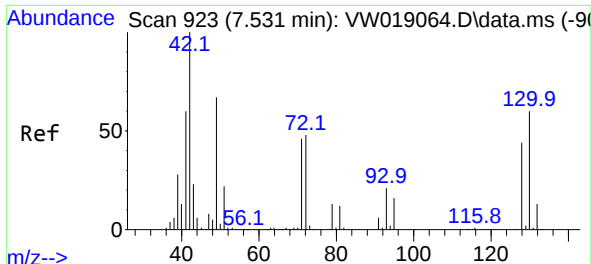
Tgt Ion:	49	Resp:	7179
Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	4.4
130	78.3	63.0	94.4



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#29

Tetrahydrofuran

Concen: 11.53 ug/l

RT: 7.537 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW019071.D

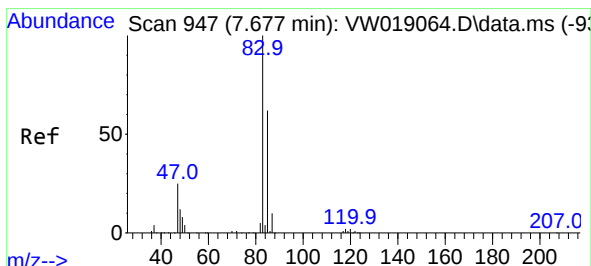
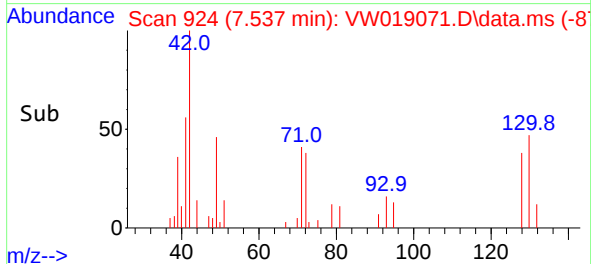
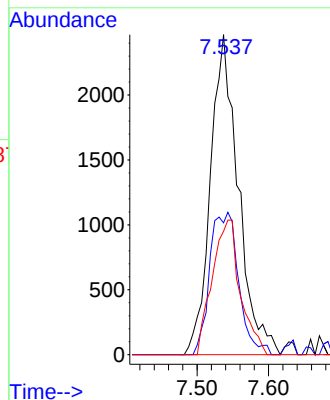
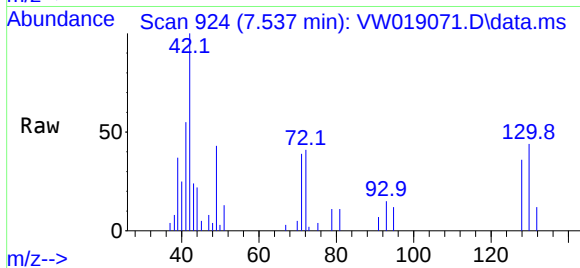
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Tgt Ion:	42	Resp:	6669
Ion	Ratio	Lower	Upper
42	100		
72	46.1	40.1	60.1
71	42.4	38.3	57.5

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#30

Chloroform

Concen: 2.06 ug/l

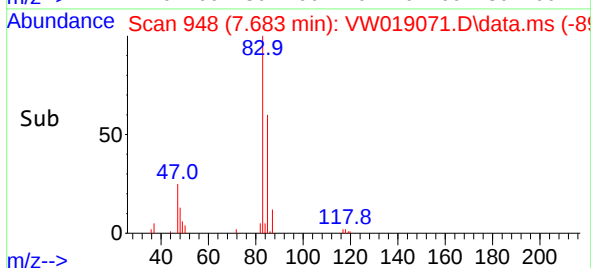
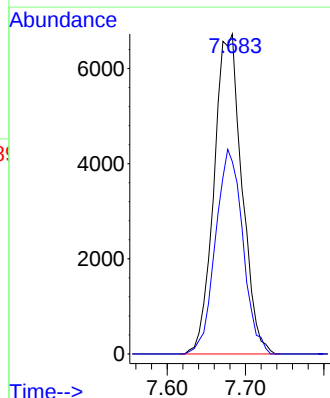
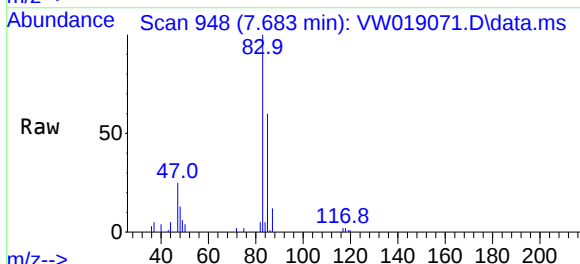
RT: 7.683 min Scan# 948

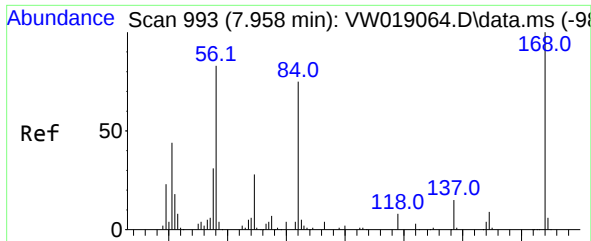
Delta R.T. 0.006 min

Lab File: VW019071.D

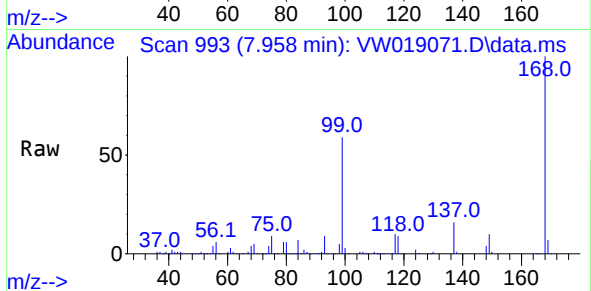
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Tgt Ion:	83	Resp:	16634
Ion	Ratio	Lower	Upper
83	100		
85	60.1	53.4	80.0

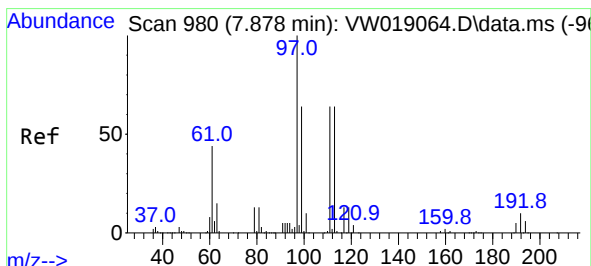
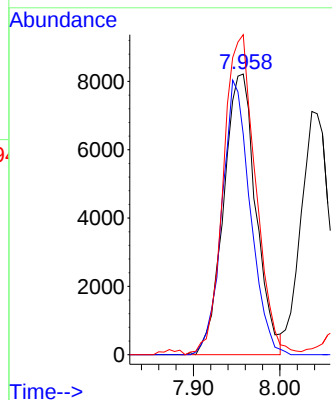
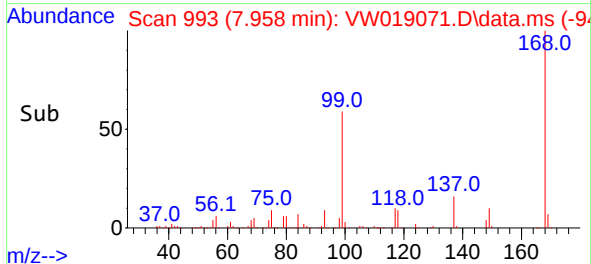




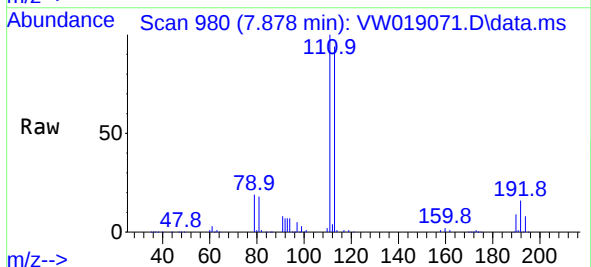
#31
Cyclohexane
Concen: 3.12 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



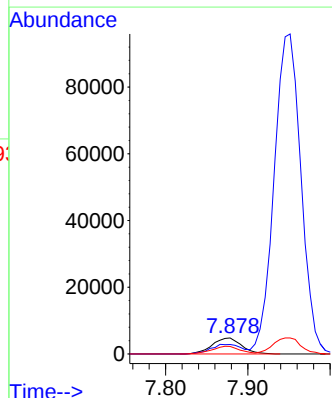
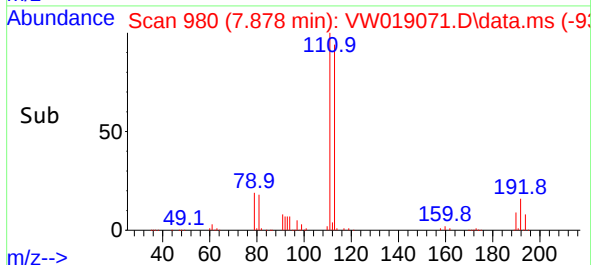
Tgt Ion: 56 Resp: 21265
Ion Ratio Lower Upper
56 100
69 78.6 28.4 42.6#
84 112.4 72.3 108.5#



#32
1,1,1-Trichloroethane
Concen: 1.92 ug/l
RT: 7.878 min Scan# 980
Delta R.T. 0.000 min
Lab File: VW019071.D
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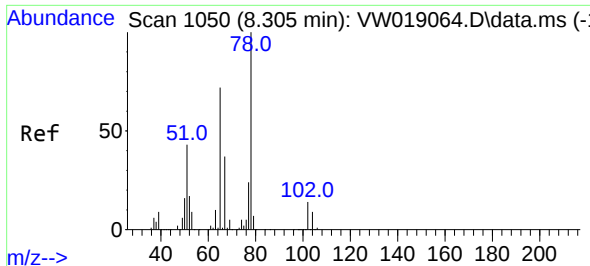
Tgt Ion: 97 Resp: 11887
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.4
61 46.3 36.7 55.1



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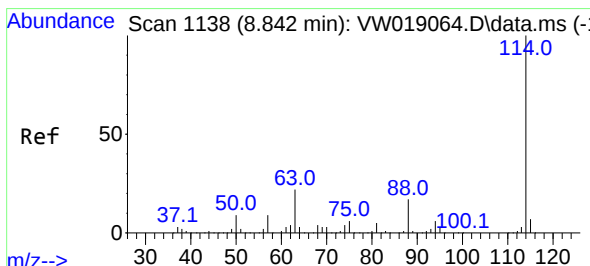
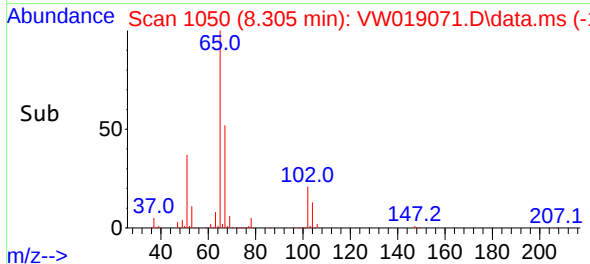
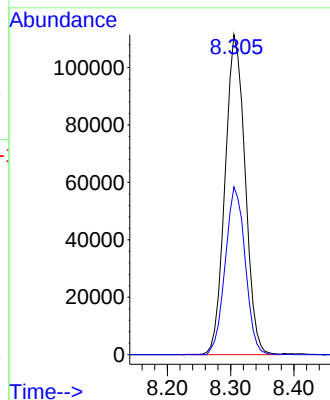
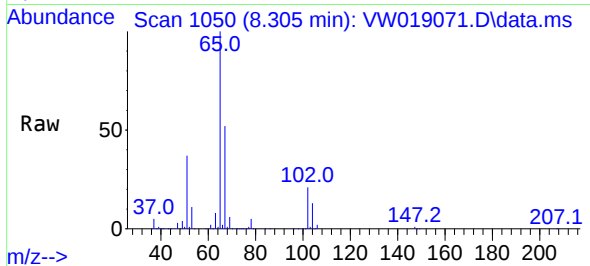
#33
1,2-Dichloroethane-d4
Concen: 54.69 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW019071.D
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Tgt Ion: 65 Resp: 245753
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

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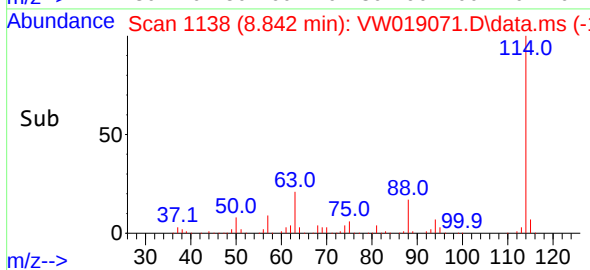
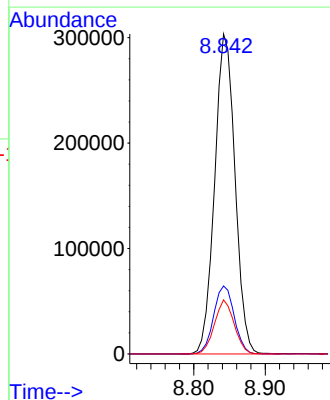
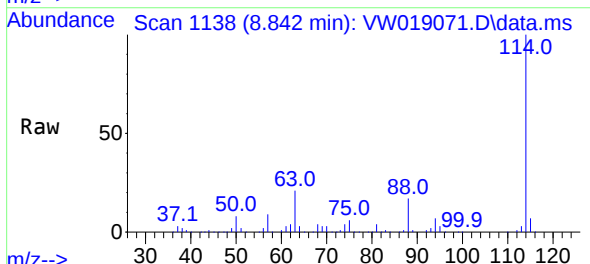
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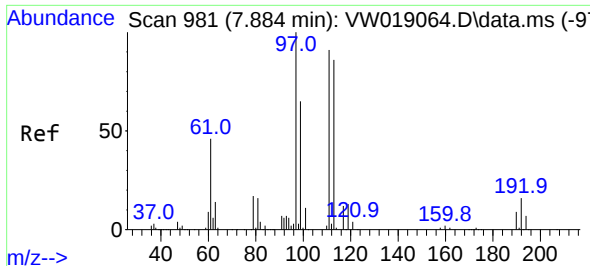
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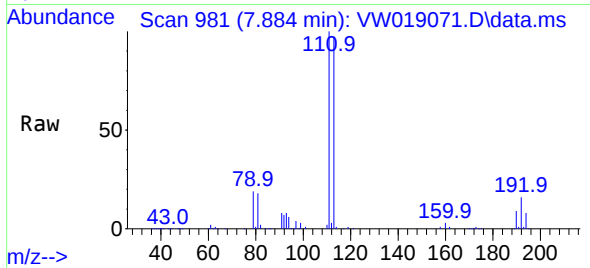
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW019071.D
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Tgt Ion: 114 Resp: 600377
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.4
88 16.9 0.0 33.2

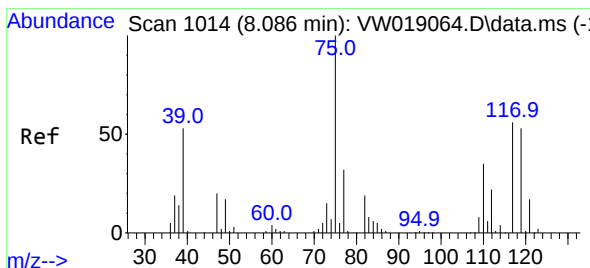
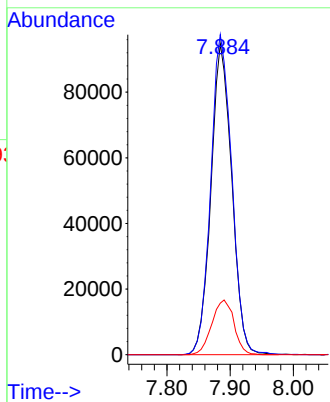
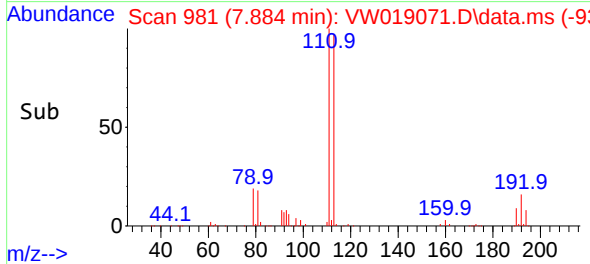




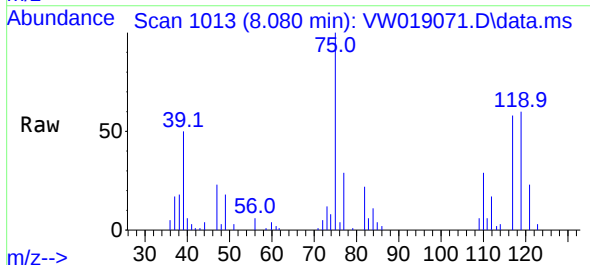
#35
Dibromofluoromethane
Concen: 52.90 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW019071.D
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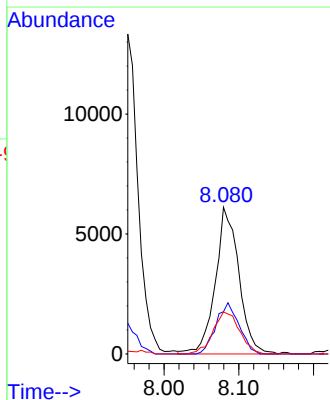
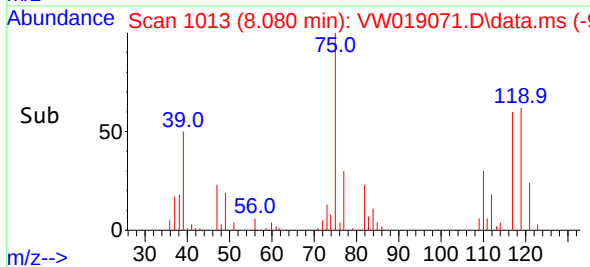
Tgt Ion:113 Resp: 216095
Ion Ratio Lower Upper
113 100
111 104.4 82.3 123.5
192 18.8 15.3 22.9



#36
1,1-Dichloropropene
Concen: 2.00 ug/l
RT: 8.080 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



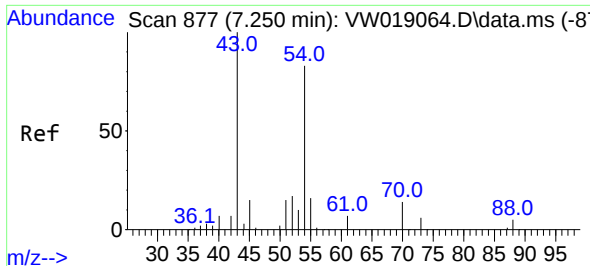
Tgt Ion: 75 Resp: 13414
Ion Ratio Lower Upper
75 100
110 34.3 17.1 51.2
77 32.2 25.3 37.9



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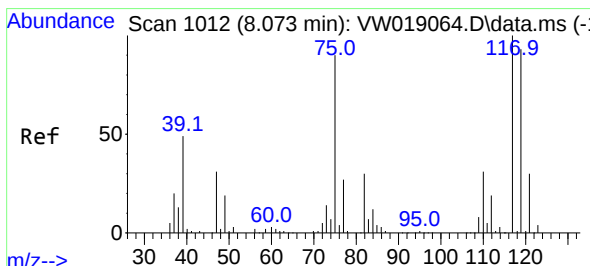
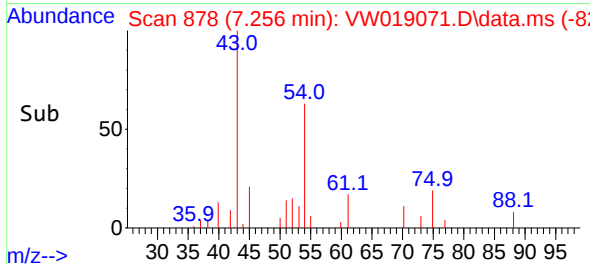
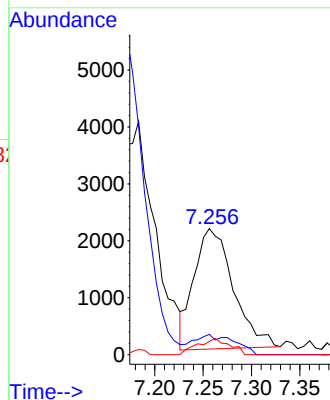
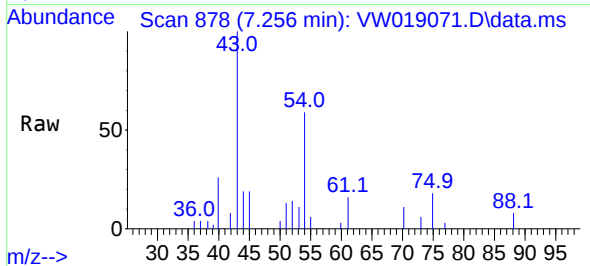
#37
Ethyl Acetate
Concen: 2.47 ug/l
RT: 7.256 min Scan# 878
Delta R.T. 0.006 min
Lab File: VW019071.D
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Tgt Ion:	43	Resp:	5976
Ion	Ratio	Lower	Upper
43	100		
61	16.7	12.2	18.4
70	10.9	9.5	14.3

Instrument :
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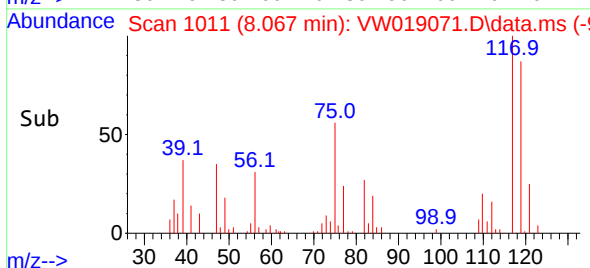
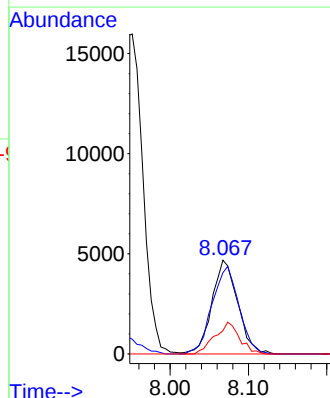
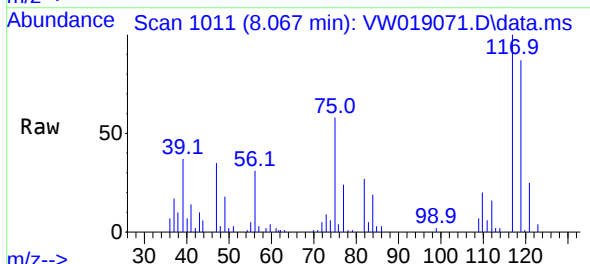
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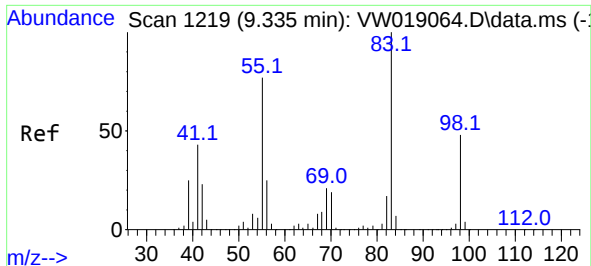
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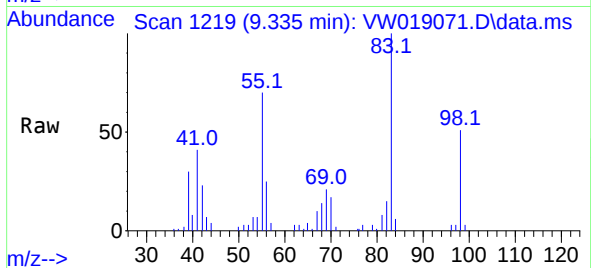
#38
Carbon Tetrachloride
Concen: 1.81 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

Tgt Ion:	117	Resp:	10756
Ion	Ratio	Lower	Upper
117	100		
119	86.6	77.4	116.0
121	24.8	23.6	35.4



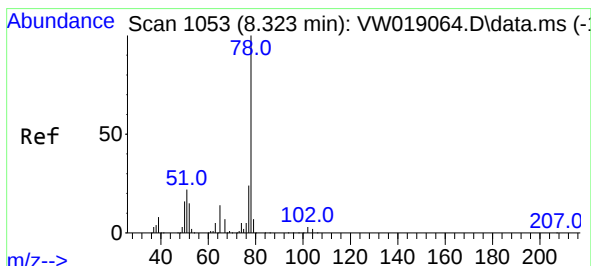
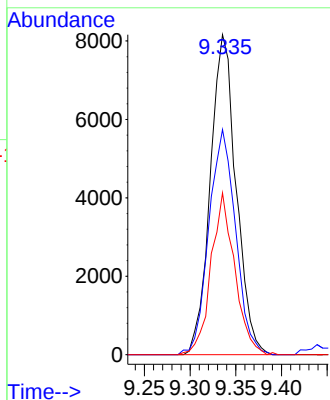
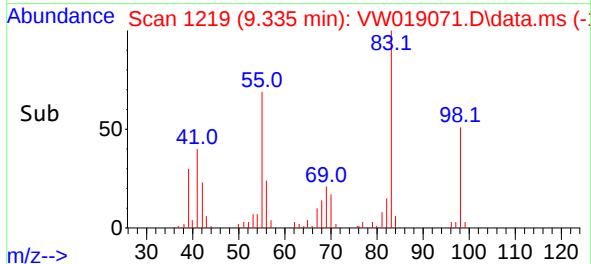


#39
Methylcyclohexane
Concen: 2.15 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

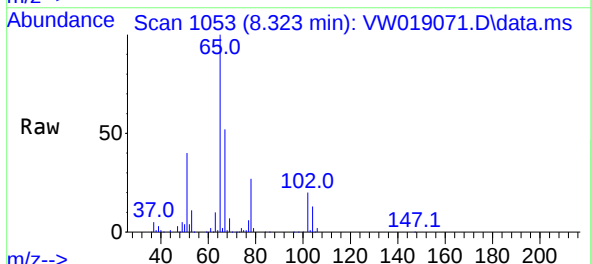


Tgt Ion: 83 Resp: 16036

Ion	Ratio	Lower	Upper
83	100		
55	70.3	60.9	91.3
98	50.6	38.4	57.6

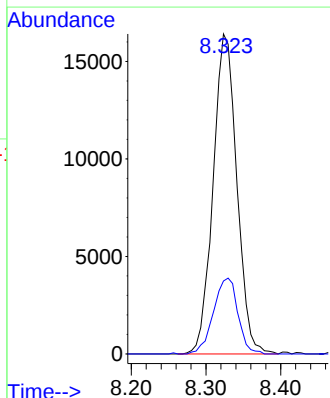
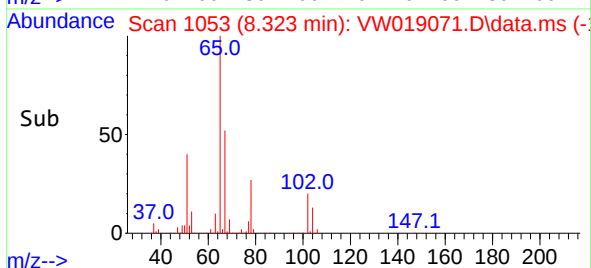


#40
Benzene
Concen: 1.98 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



Tgt Ion: 78 Resp: 36221

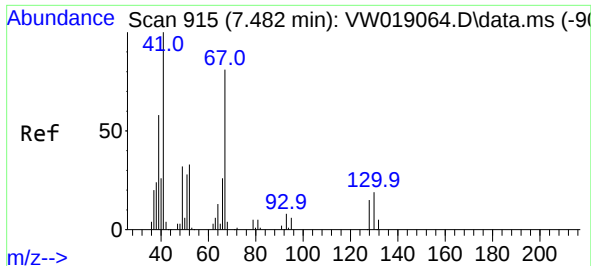
Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.6	29.4



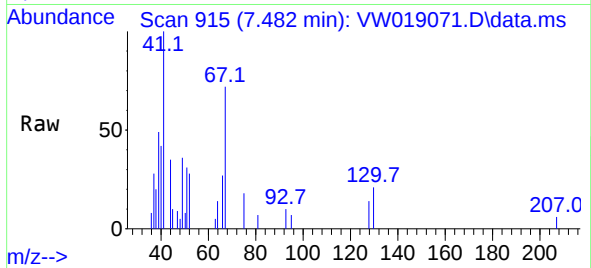
Instrument :
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ClientSampleId :
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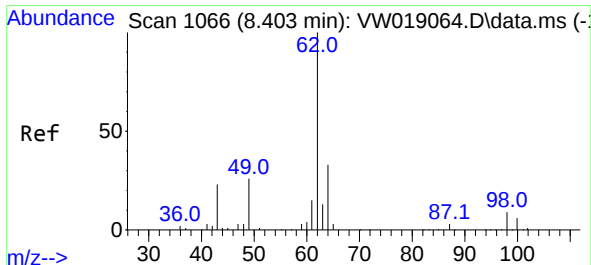
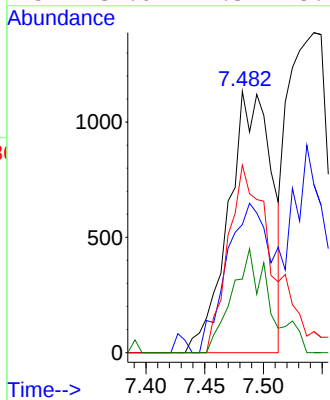
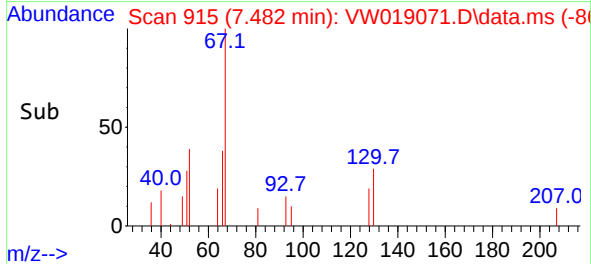
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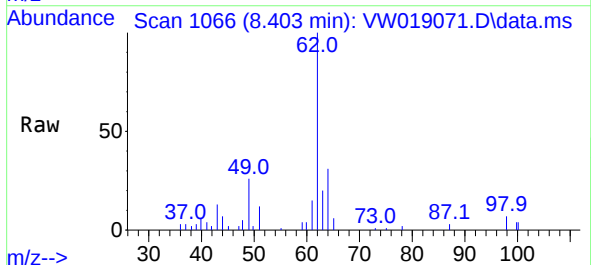
#41
Methacrylonitrile
Concen: 2.06 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



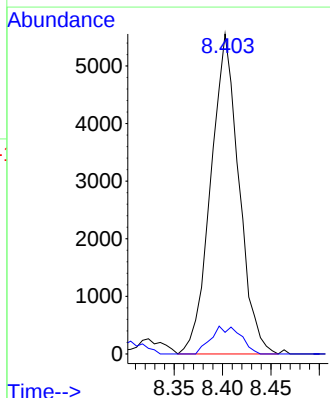
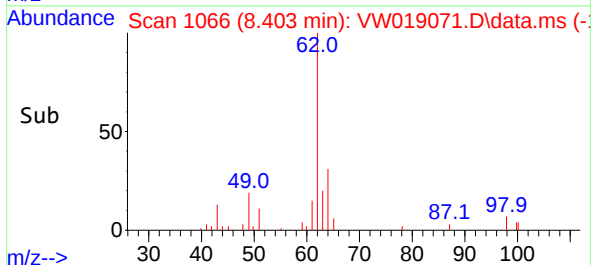
Tgt Ion:	41	Resp:	2910
Ion	Ratio	Lower	Upper
41	100		
39	53.5	50.1	75.1
67	75.1	69.0	103.4
52	34.6	29.3	43.9



#42
1,2-Dichloroethane
Concen: 2.08 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



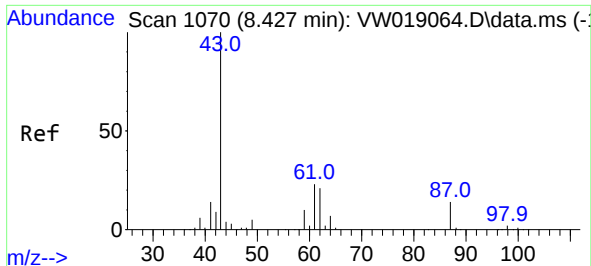
Tgt Ion:	62	Resp:	11233
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.0



Instrument :
MSVOA_W
ClientSampleId :
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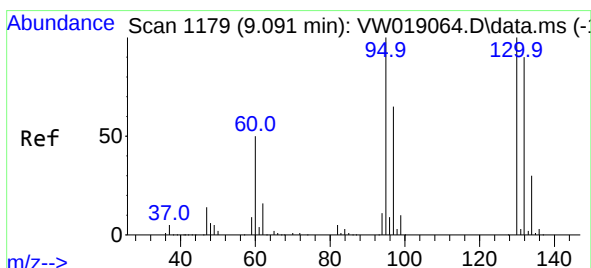
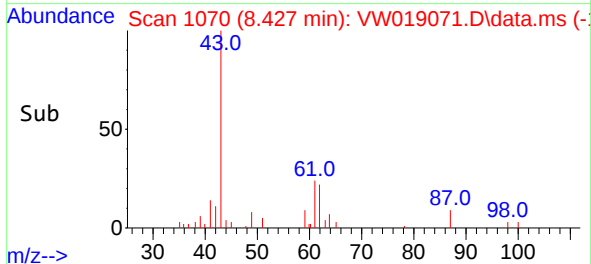
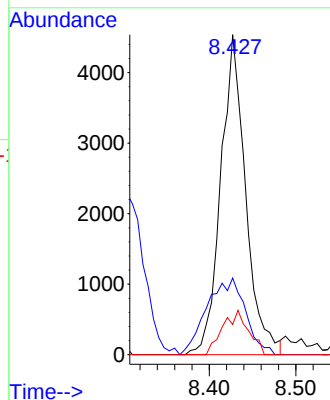
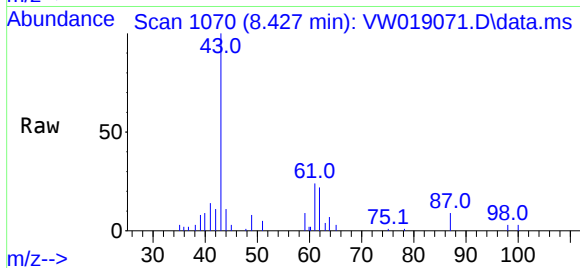
#43
Isopropyl Acetate
Concen: 1.95 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

Tgt Ion:	43	Resp:	9094
Ion	Ratio	Lower	Upper
43	100		
61	37.0	27.0	40.6
87	14.3	11.6	17.4

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

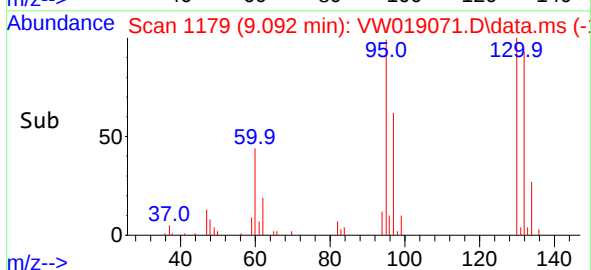
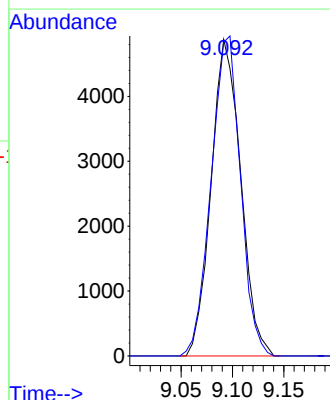
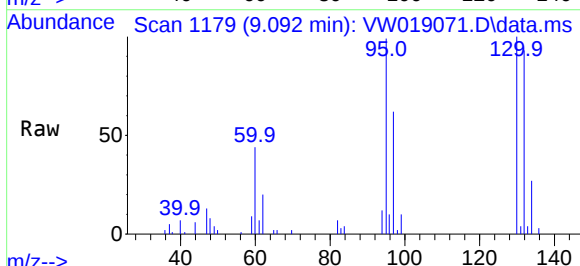
Manual Integrations
APPROVED

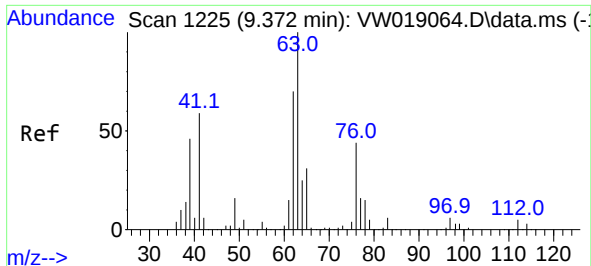
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#44
Trichloroethene
Concen: 2.03 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

Tgt Ion:	130	Resp:	9742
Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	199.0





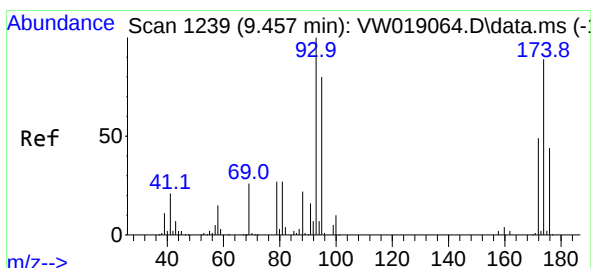
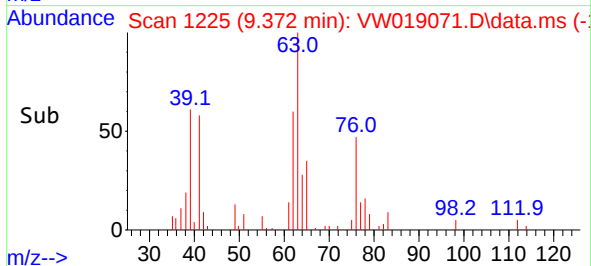
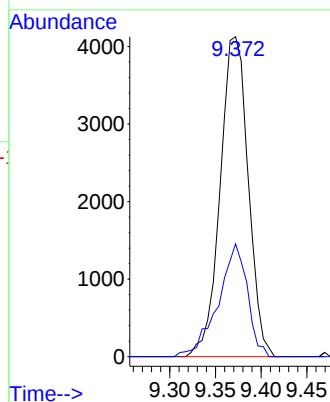
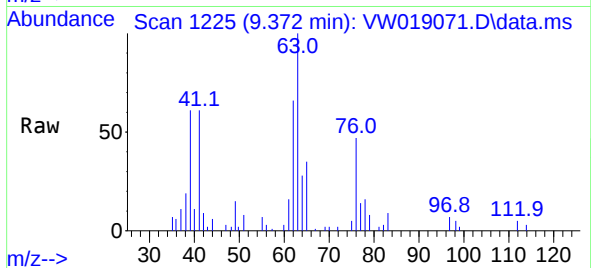
#45
1,2-Dichloropropane
Concen: 1.99 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

Tgt Ion: 63 Resp: 8810
Ion Ratio Lower Upper
63 100
65 35.3 24.1 36.1

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

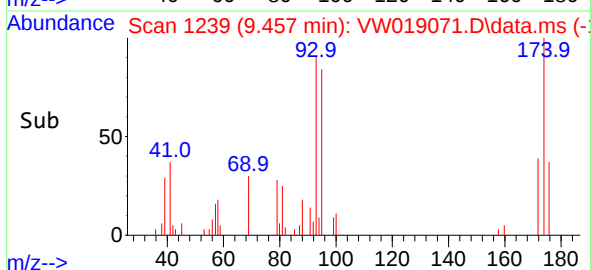
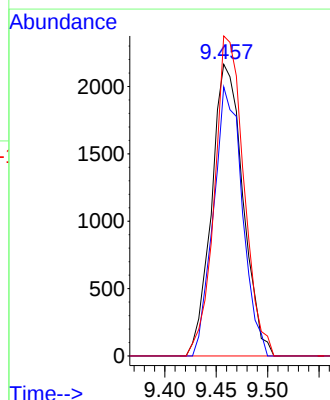
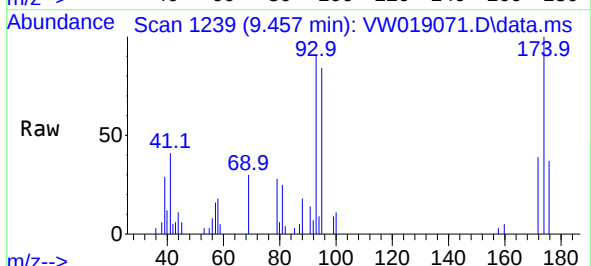
Manual Integrations
APPROVED

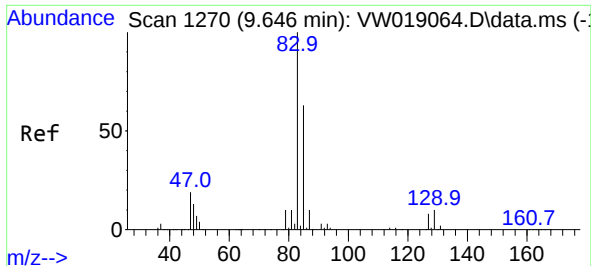
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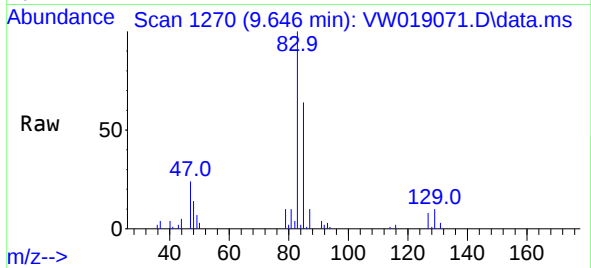
#46
Dibromomethane
Concen: 1.99 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

Tgt Ion: 93 Resp: 4596
Ion Ratio Lower Upper
93 100
95 84.7 66.7 100.1
174 102.5 75.3 112.9

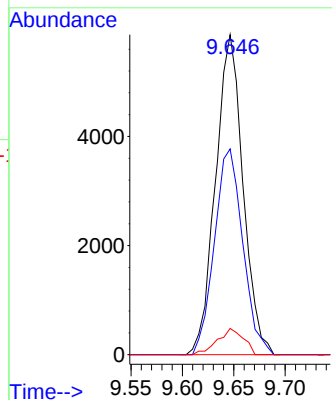




#47
Bromodichloromethane
Concen: 1.83 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



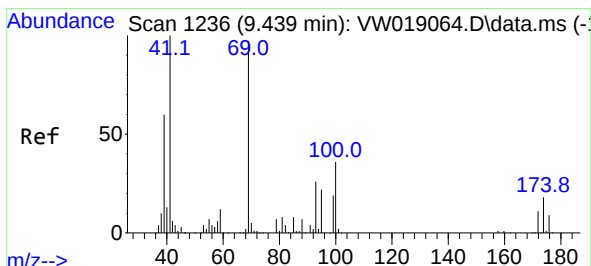
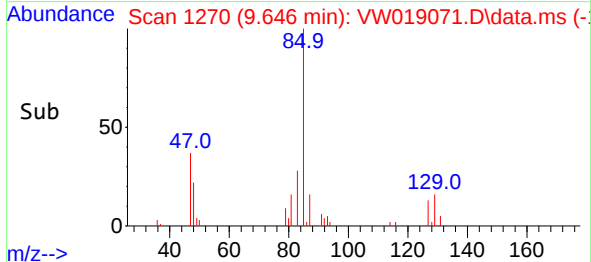
Tgt Ion: 83 Resp: 10901
Ion Ratio Lower Upper
83 100
85 64.3 53.4 80.2
127 8.2 7.0 10.6



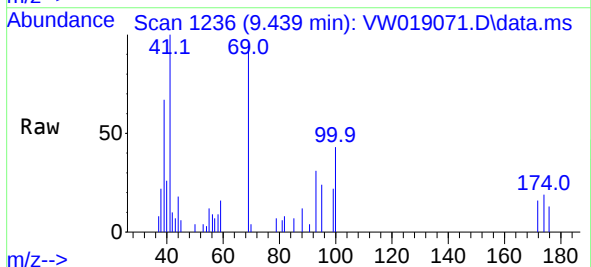
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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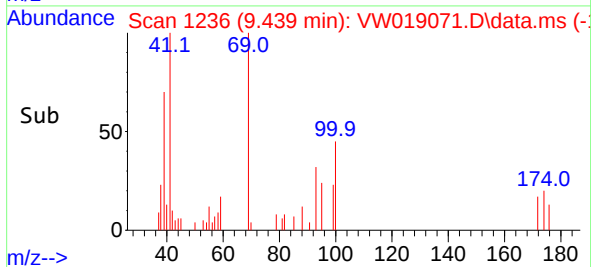
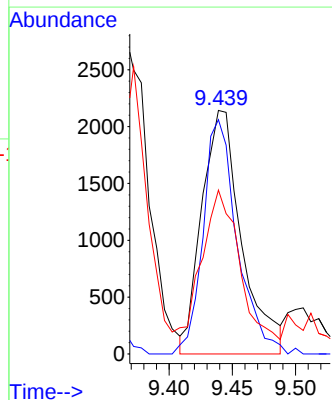
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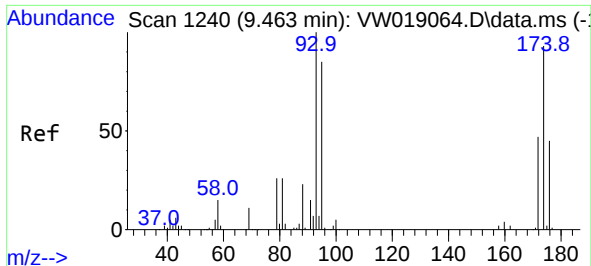


#48
Methyl methacrylate
Concen: 2.15 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



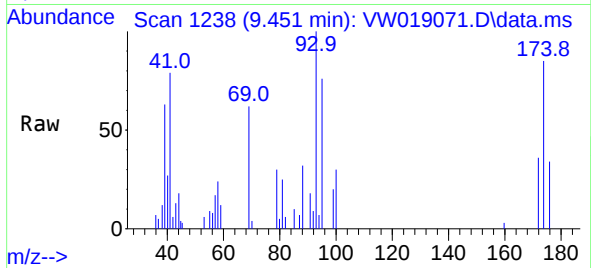
Tgt Ion: 41 Resp: 4696
Ion Ratio Lower Upper
41 100
69 83.0 80.2 120.2
39 55.5 51.5 77.3





#49
1,4-Dioxane
Concen: 45.66 ug/l
RT: 9.451 min Scan# 1238
Delta R.T. -0.012 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

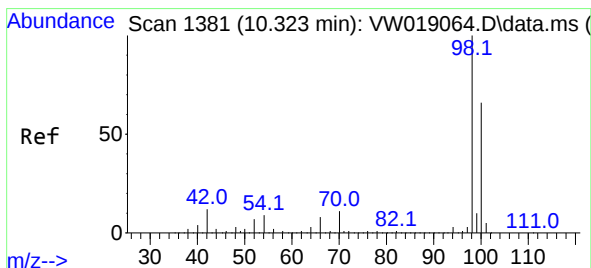
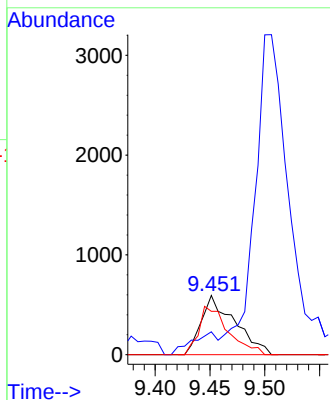
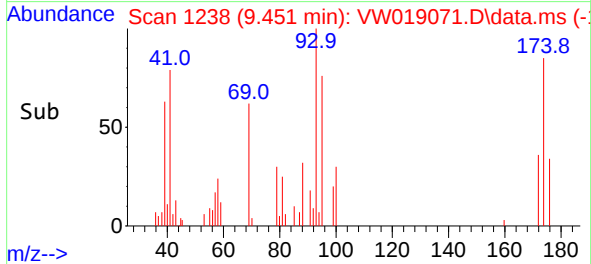
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



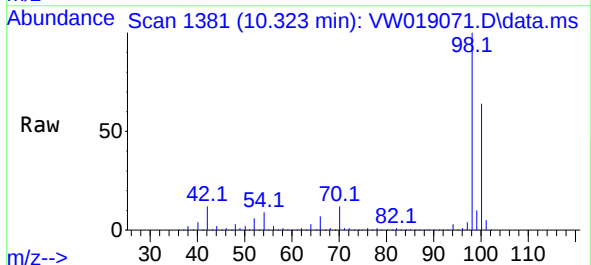
Tgt Ion: 88 Resp: 1265
Ion Ratio Lower Upper
88 100
43 29.4 22.1 33.1
58 72.0 55.4 83.2

Manual Integrations
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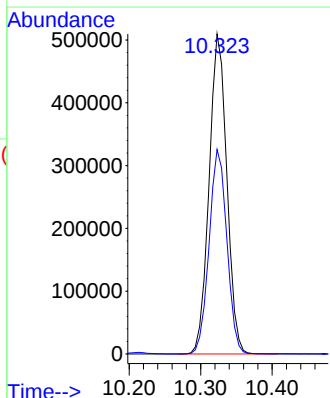
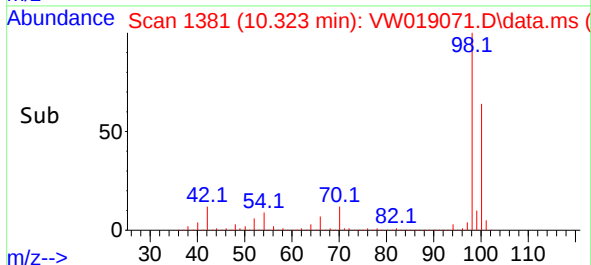
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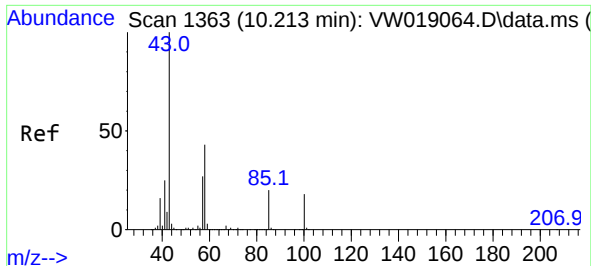


#50
Toluene-d8
Concen: 52.73 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



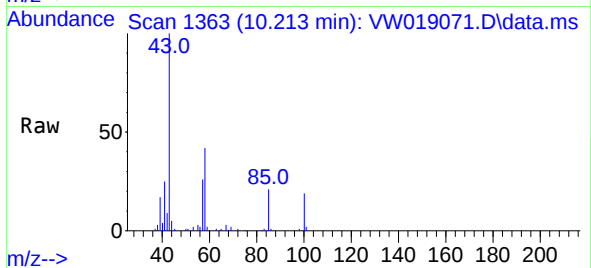
Tgt Ion: 98 Resp: 877447
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 10.95 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

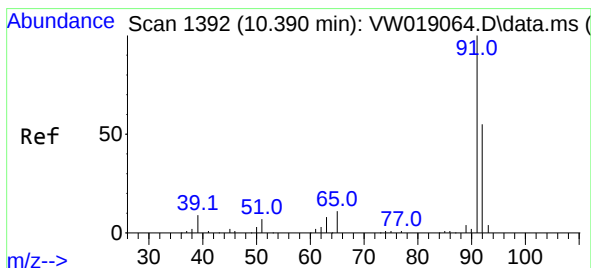
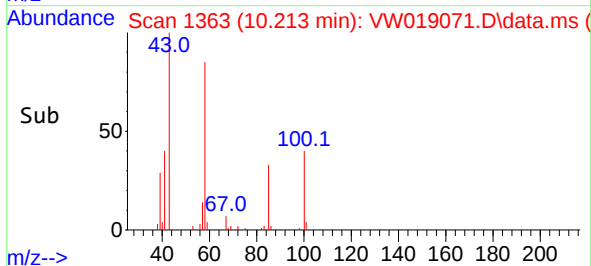
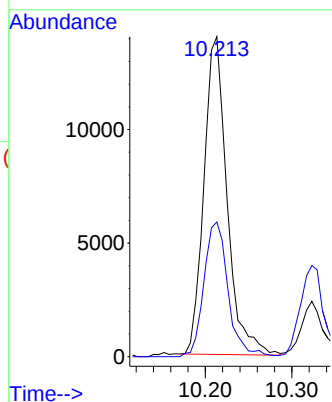
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion: 43 Resp: 25974
Ion Ratio Lower Upper
43 100
58 44.1 34.2 51.4

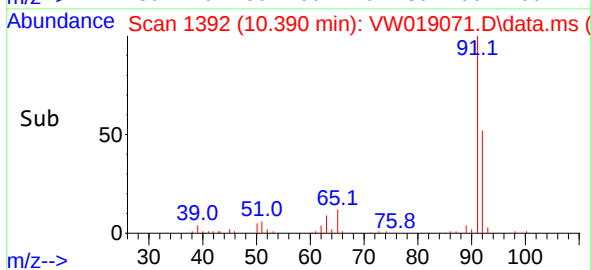
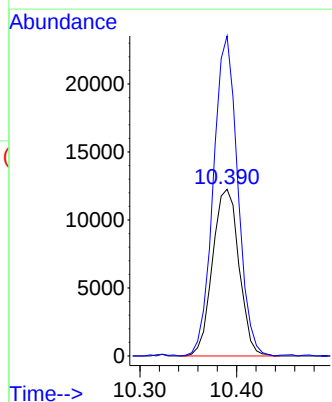
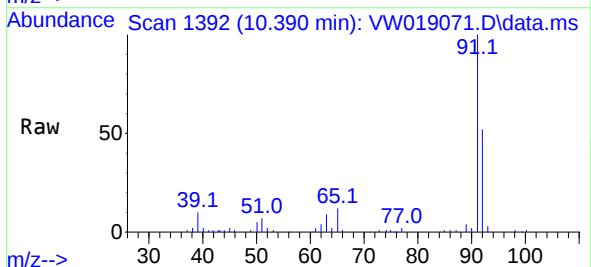
Manual Integrations
APPROVED

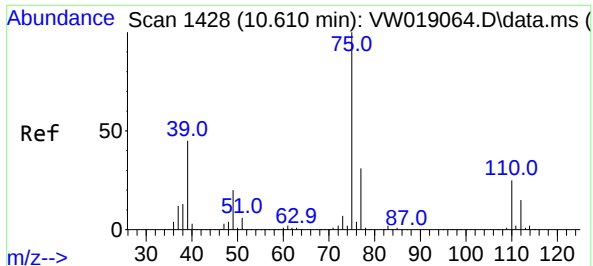
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#52
Toluene
Concen: 2.00 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

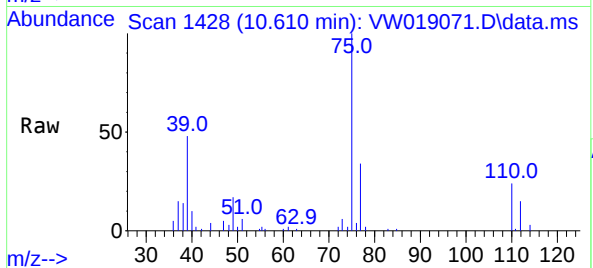
Tgt Ion: 92 Resp: 23263
Ion Ratio Lower Upper
92 100
91 176.8 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 1.73 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

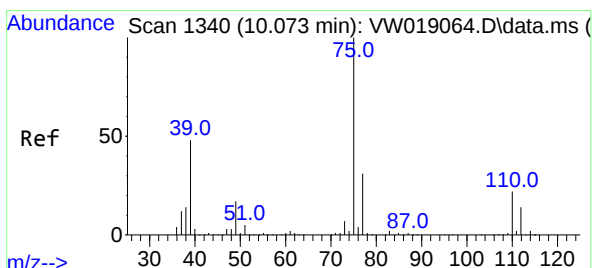
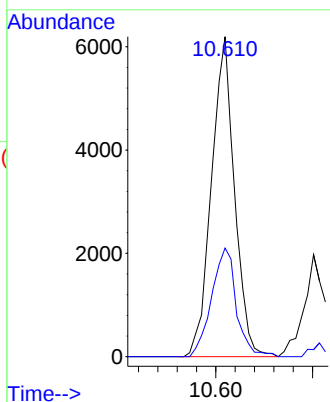
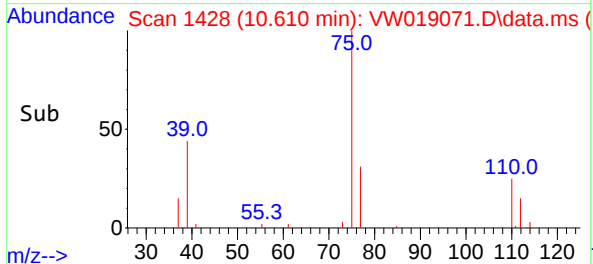
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



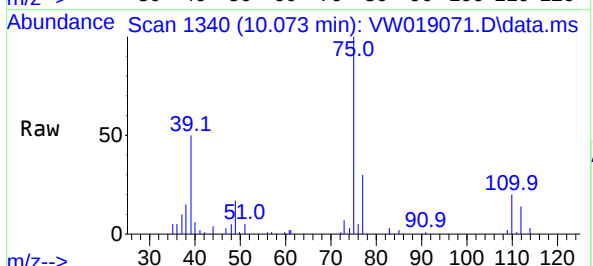
Tgt Ion: 75 Resp: 10248
Ion Ratio Lower Upper
75 100
77 33.9 24.8 37.2

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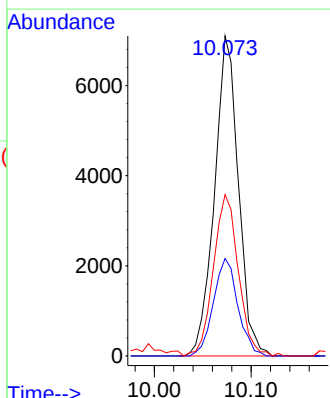
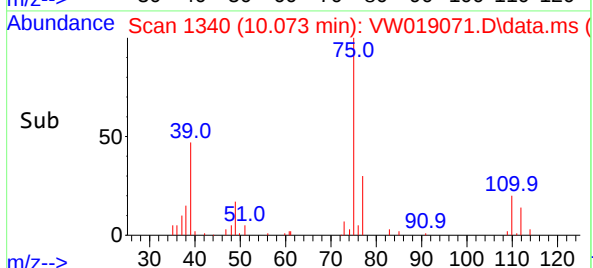
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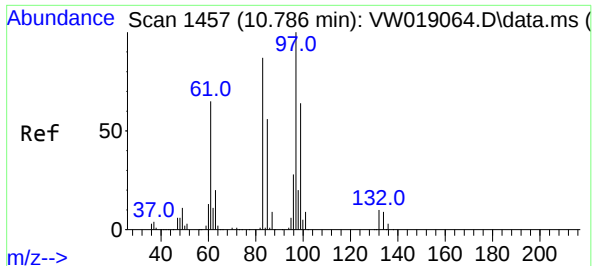


#54
cis-1,3-Dichloropropene
Concen: 1.73 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



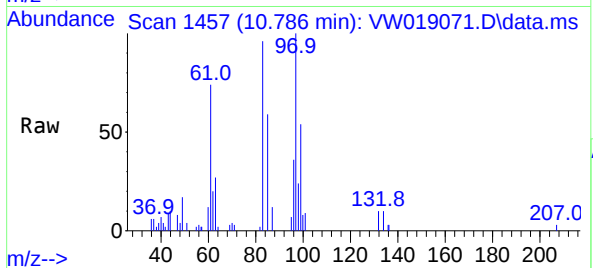
Tgt Ion: 75 Resp: 12172
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.6
39 49.6 36.9 55.3





#55
1,1,2-Trichloroethane
Concen: 1.93 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

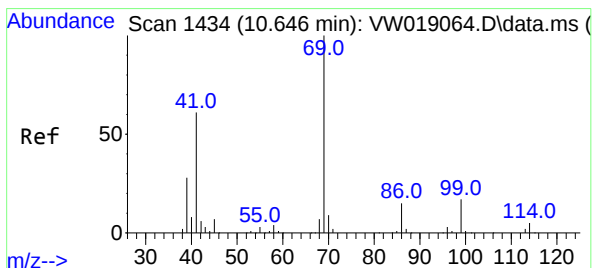
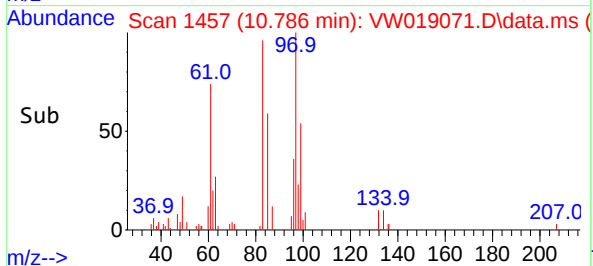
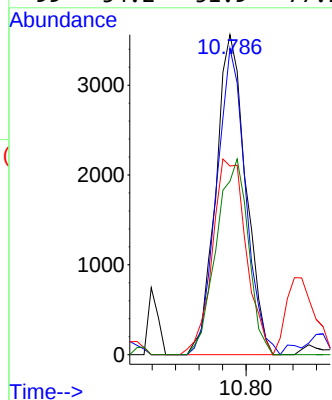
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



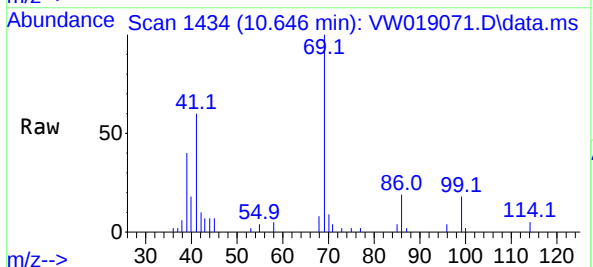
Tgt Ion: 97	Resp: 6304
Ion Ratio	Lower Upper
97 100	
83 95.7	70.6 106.0
85 59.0	45.8 68.6
99 54.2	51.9 77.9

Manual Integrations
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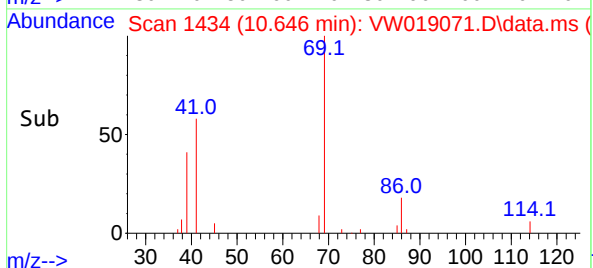
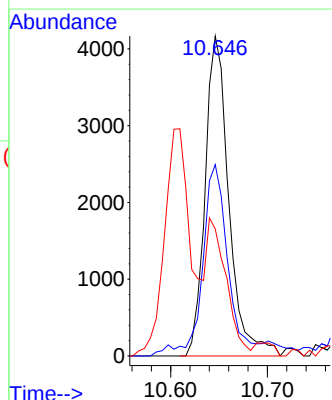
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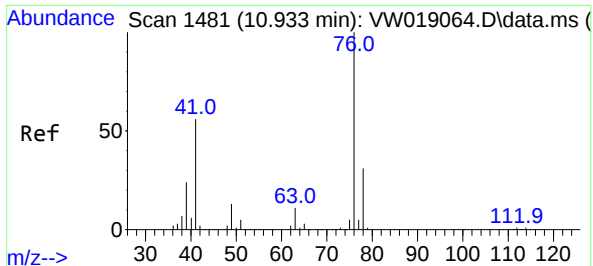


#56
Ethyl methacrylate
Concen: 1.74 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

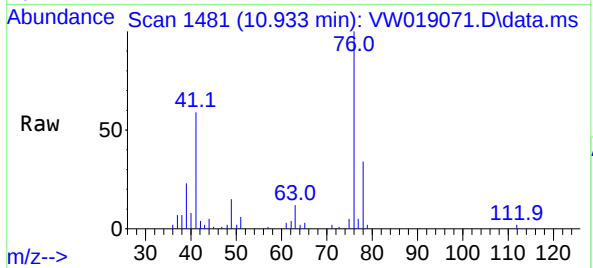


Tgt Ion: 69	Resp: 7111
Ion Ratio	Lower Upper
69 100	
41 57.0	48.7 73.1
39 34.5	29.0 43.4

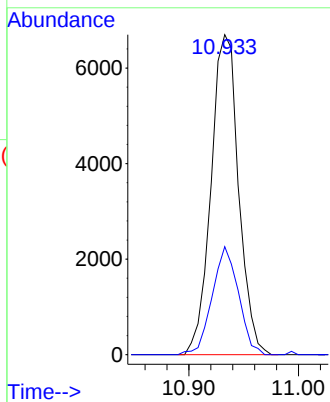
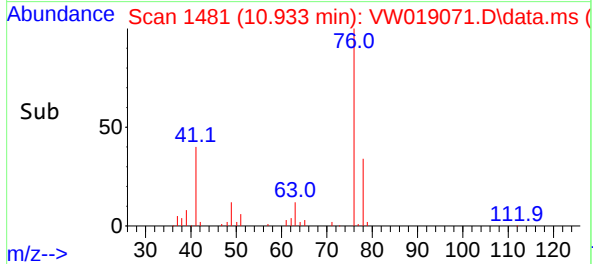




#57
1,3-Dichloropropane
Concen: 2.01 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



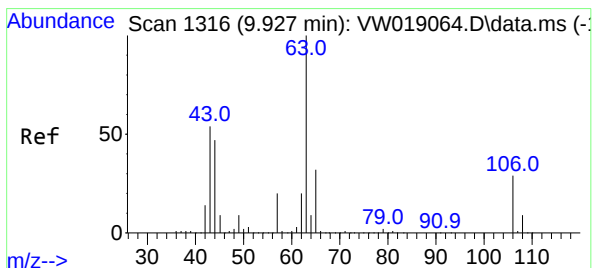
Tgt Ion: 76 Resp: 11717
Ion Ratio Lower Upper
76 100
78 32.2 25.5 38.3



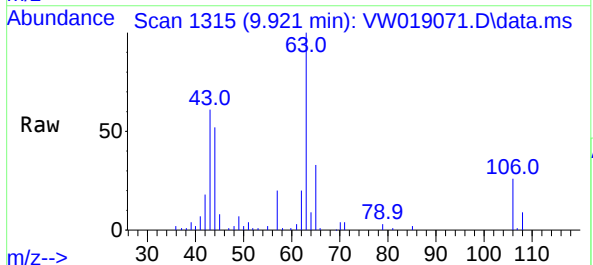
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

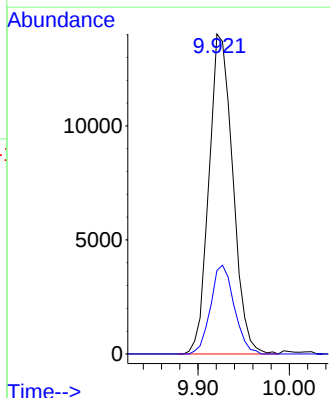
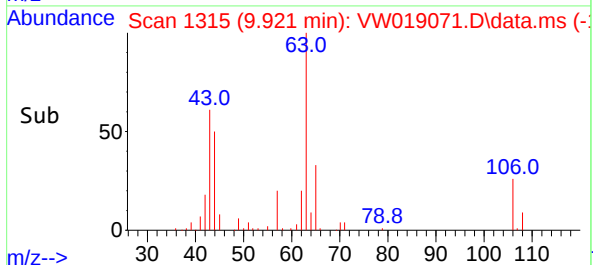
MMDadoda
5/25/2021 5:58:47 PM

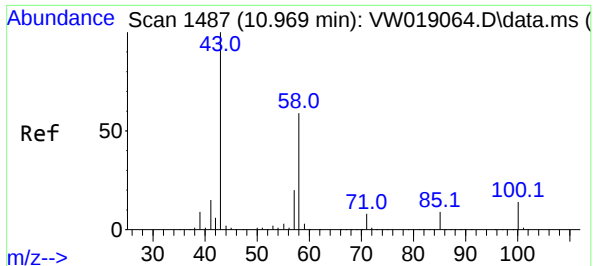


#58
2-Chloroethyl Vinyl ether
Concen: 12.31 ug/l
RT: 9.921 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

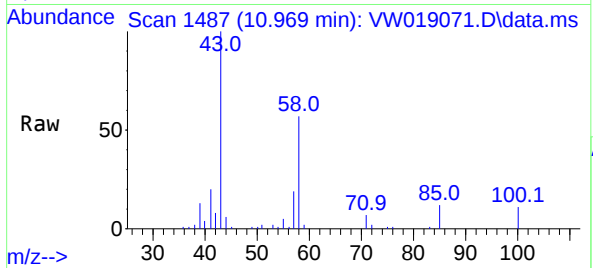


Tgt Ion: 63 Resp: 25450
Ion Ratio Lower Upper
63 100
106 27.4 22.3 33.5

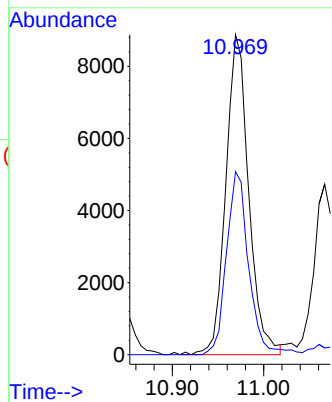
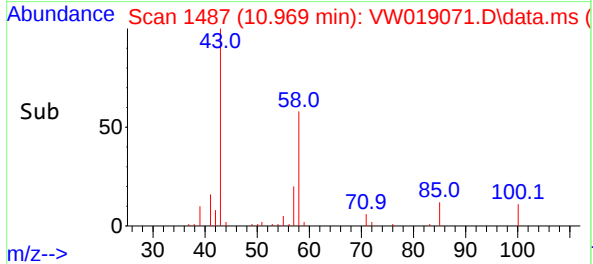




#59
2-Hexanone
Concen: 9.68 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



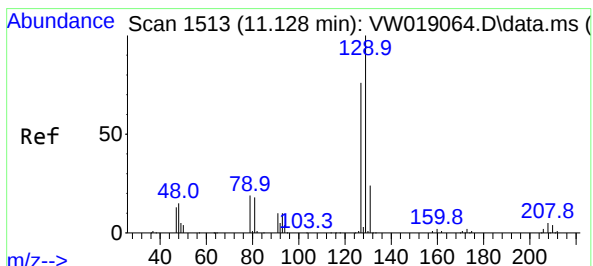
Tgt Ion: 43 Resp: 15446
Ion Ratio Lower Upper
43 100
58 55.7 29.0 87.1



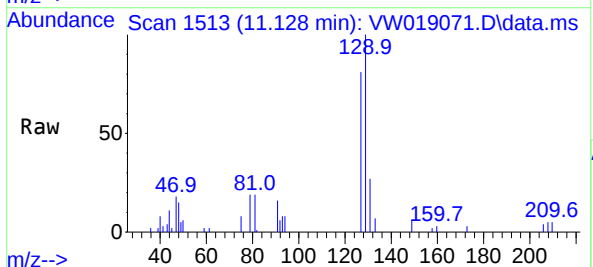
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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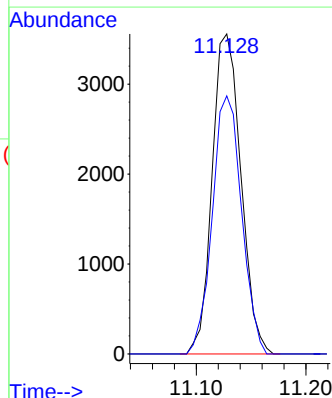
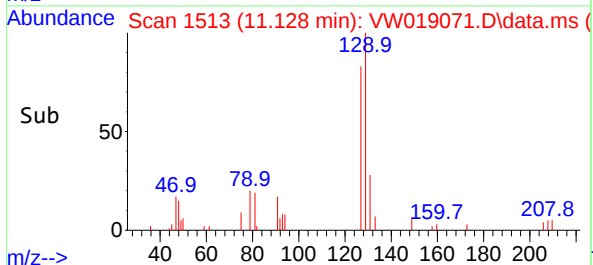
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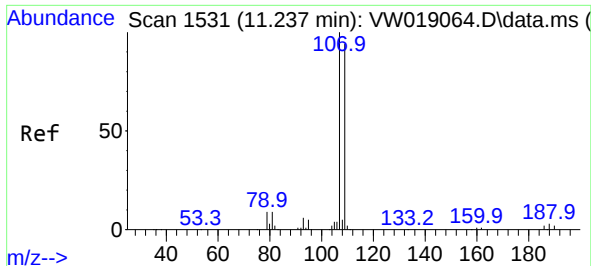


#60
Dibromochloromethane
Concen: 1.78 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



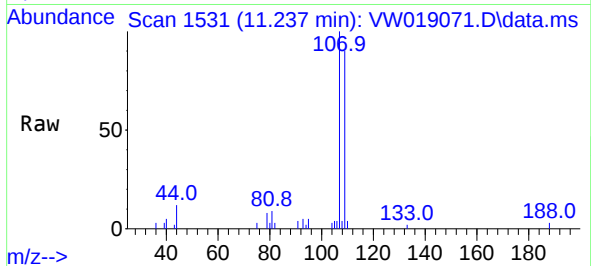
Tgt Ion: 129 Resp: 6487
Ion Ratio Lower Upper
129 100
127 82.1 38.2 114.6





#61
1,2-Dibromoethane
Concen: 1.99 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

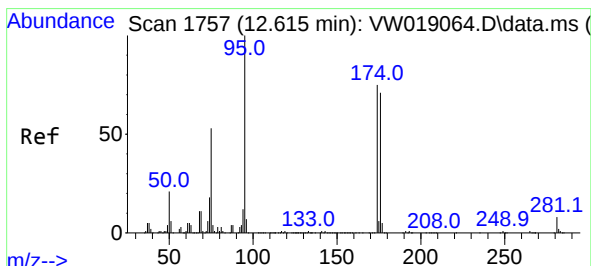
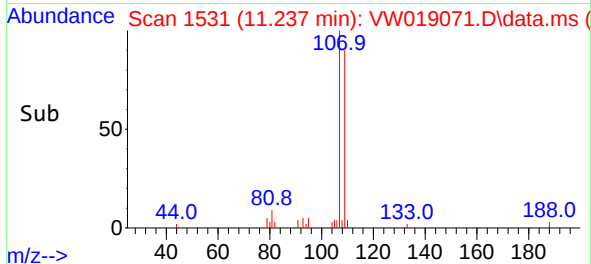
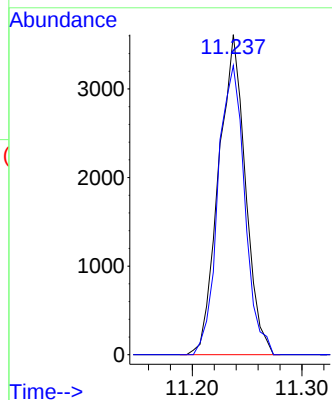
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



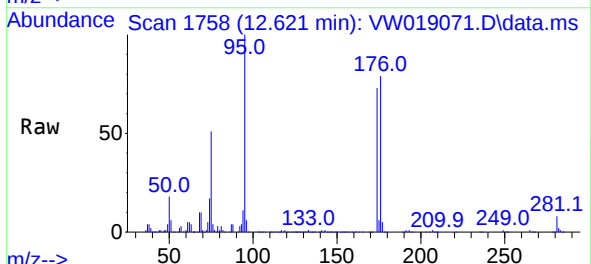
Tgt Ion:107 Resp: 6129
Ion Ratio Lower Upper
107 100
109 90.1 73.9 110.9

Manual Integrations
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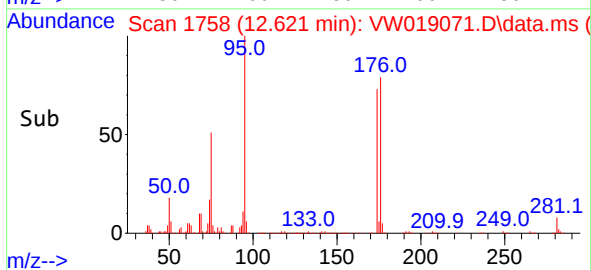
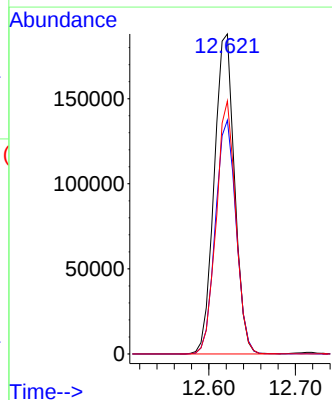
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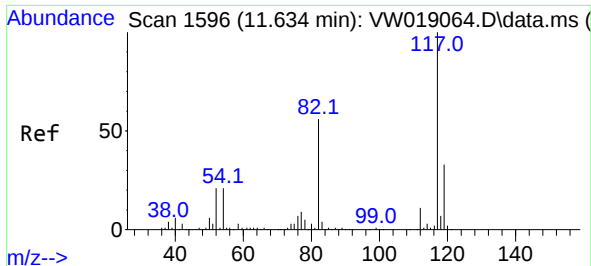


#62
4-Bromofluorobenzene
Concen: 52.18 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



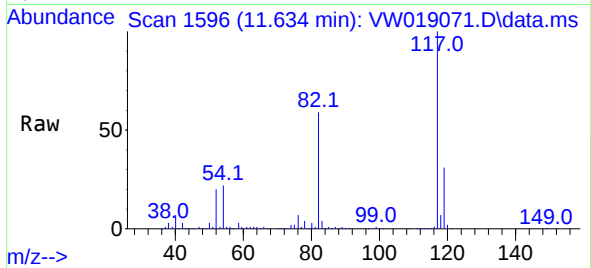
Tgt Ion: 95 Resp: 306312
Ion Ratio Lower Upper
95 100
174 74.2 0.0 156.2
176 76.1 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

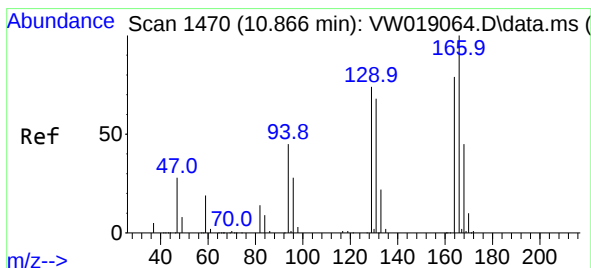
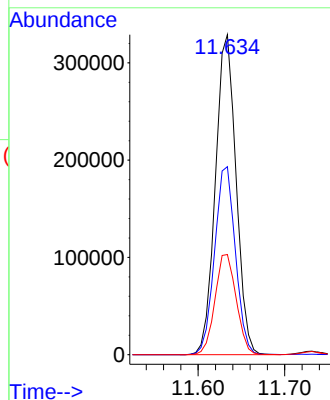
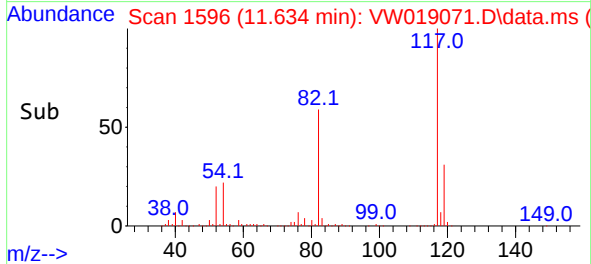
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



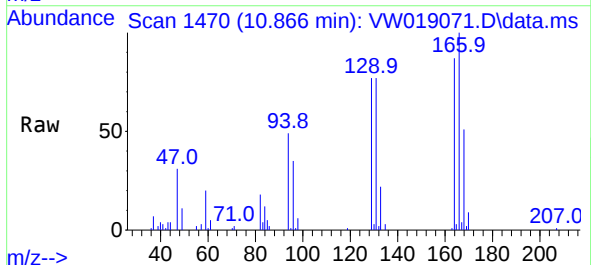
Tgt Ion:117 Resp: 544893
Ion Ratio Lower Upper
117 100
82 58.8 44.4 66.6
119 31.3 24.6 36.8

Manual Integrations
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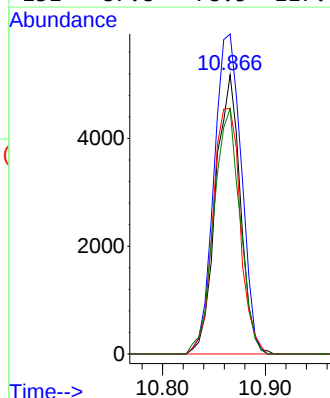
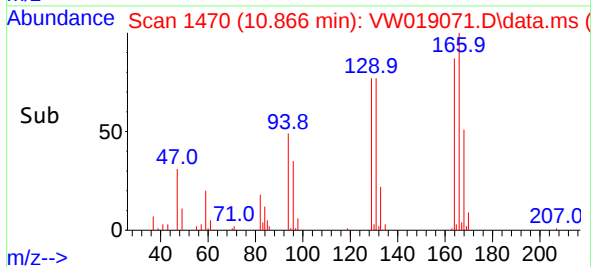
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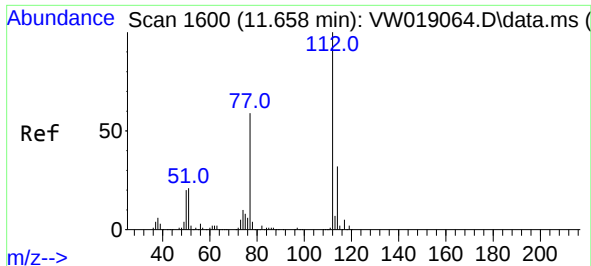


#64
Tetrachloroethene
Concen: 2.21 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



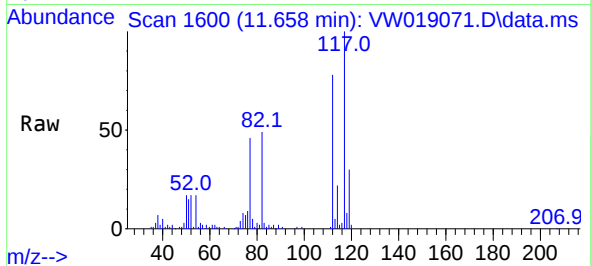
Tgt Ion:164 Resp: 8643
Ion Ratio Lower Upper
164 100
166 114.6 107.8 161.8
129 87.9 77.3 115.9
131 87.8 78.5 117.7





#65
Chlorobenzene
Concen: 2.11 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

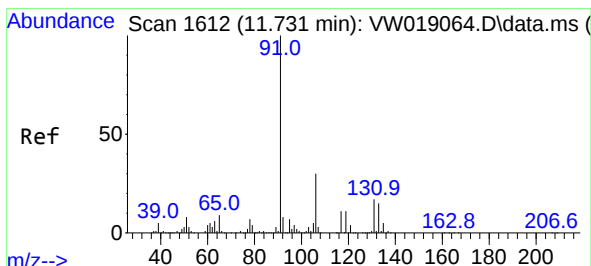
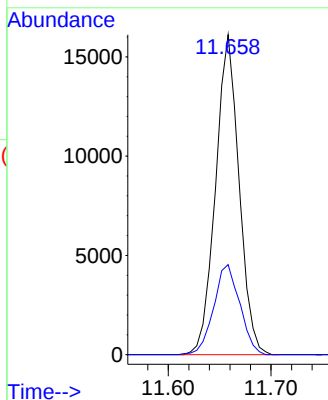
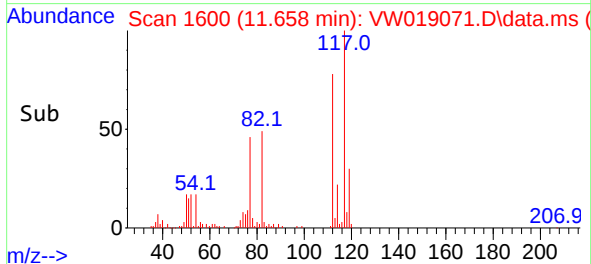
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



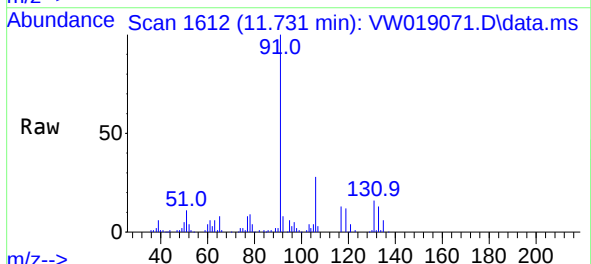
Tgt Ion:112 Resp: 25534
Ion Ratio Lower Upper
112 100
114 28.1 26.4 39.6

Manual Integrations
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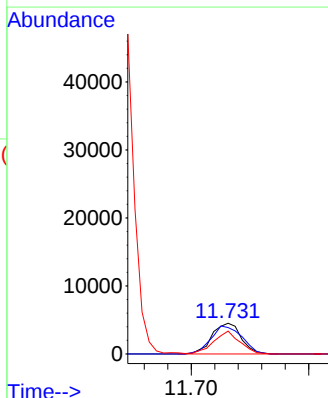
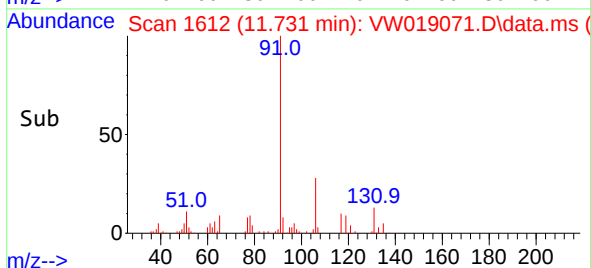
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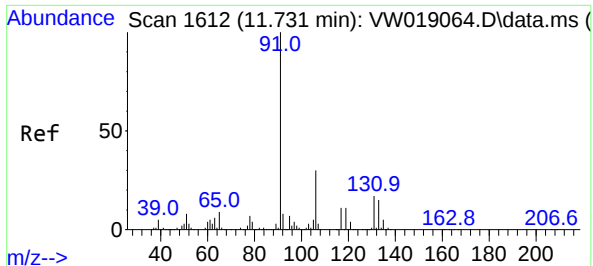


#66
1,1,1,2-Tetrachloroethane
Concen: 1.88 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



Tgt Ion:131 Resp: 7787
Ion Ratio Lower Upper
131 100
133 96.6 48.1 144.3
119 0.0 33.1 99.2#





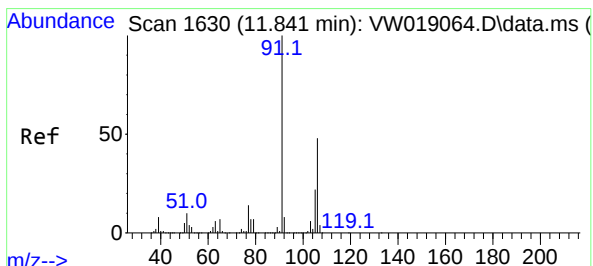
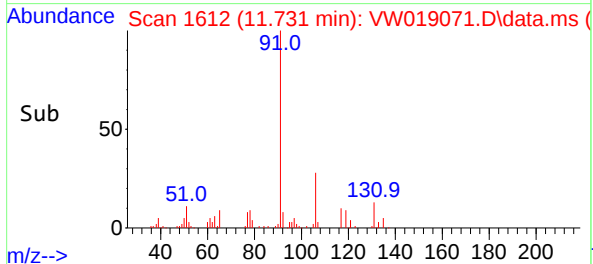
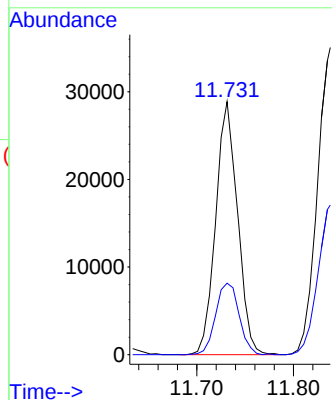
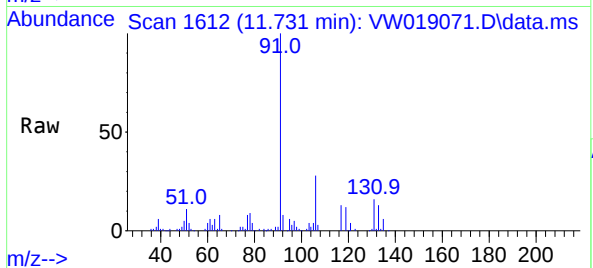
#67
Ethyl Benzene
Concen: 1.97 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

Tgt Ion: 91 Resp: 45304
Ion Ratio Lower Upper
91 100
106 28.2 24.0 36.0

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

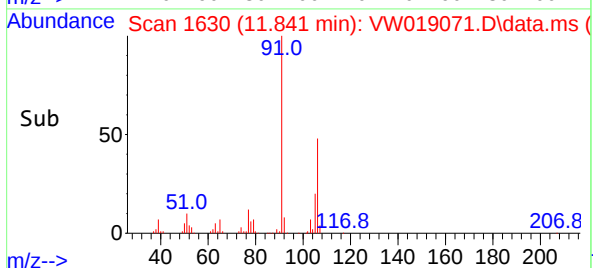
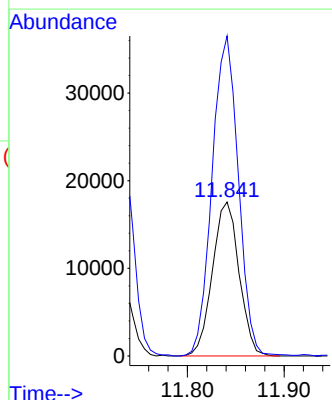
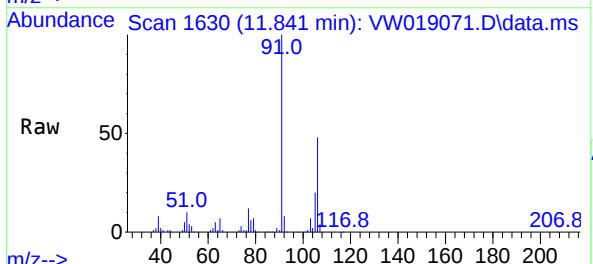
Manual Integrations
APPROVED

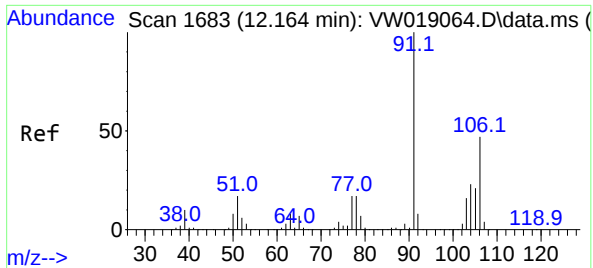
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#68
m/p-Xylenes
Concen: 3.98 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

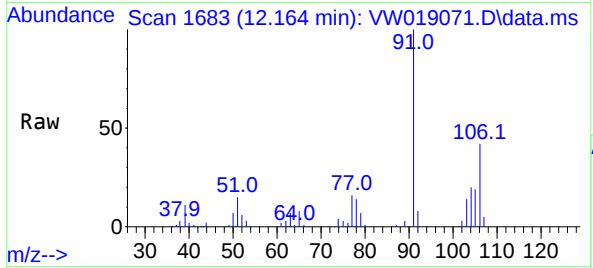
Tgt Ion: 106 Resp: 33589
Ion Ratio Lower Upper
106 100
91 205.1 164.2 246.2





#69
o-Xylene
Concen: 1.91 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

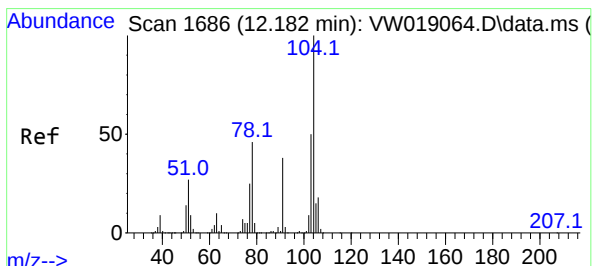
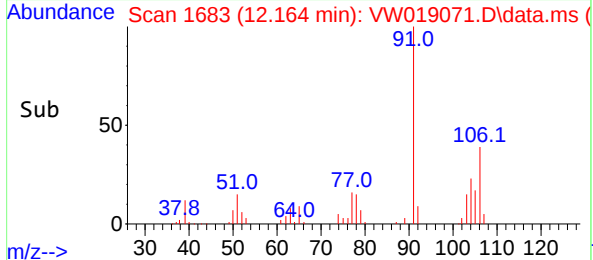
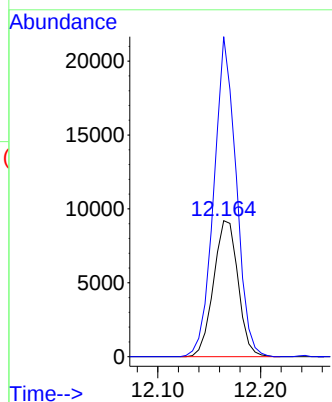
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



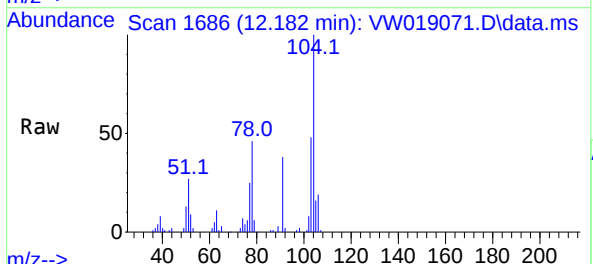
Tgt Ion:106 Resp: 15197
Ion Ratio Lower Upper
106 100
91 215.0 109.1 327.2

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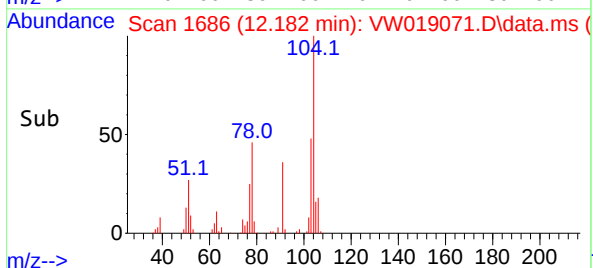
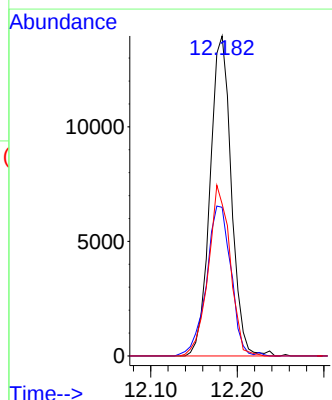
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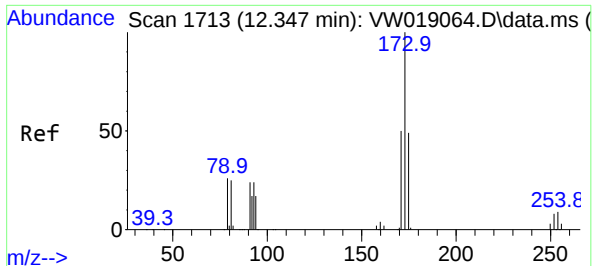


#70
Styrene
Concen: 1.79 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

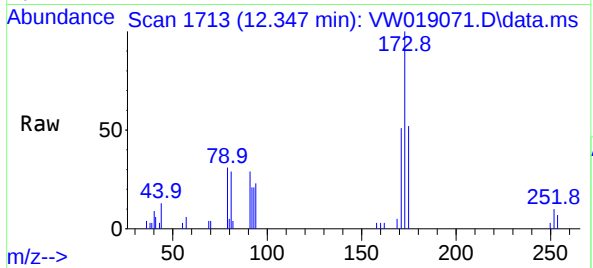


Tgt Ion:104 Resp: 23806
Ion Ratio Lower Upper
104 100
78 54.1 41.3 61.9
103 54.9 44.1 66.1

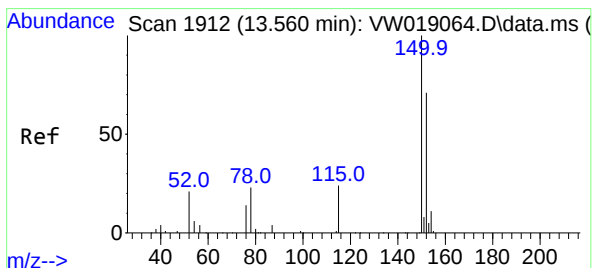
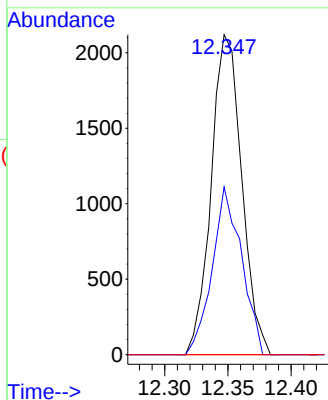
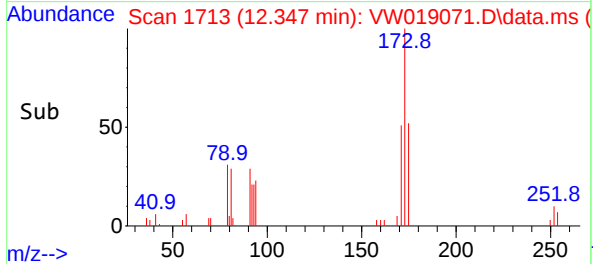




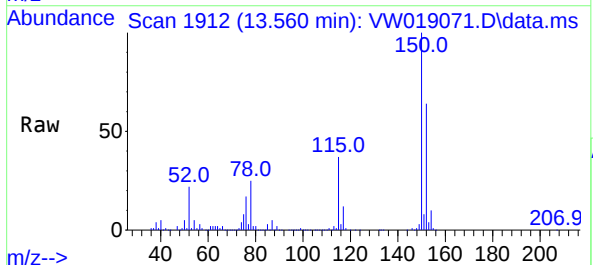
#71
Bromoform
Concen: 1.78 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



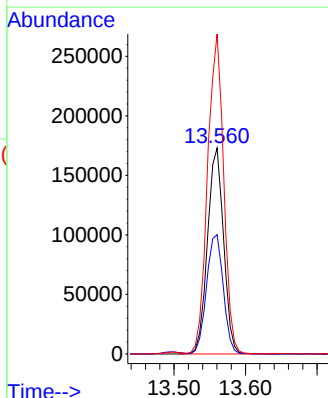
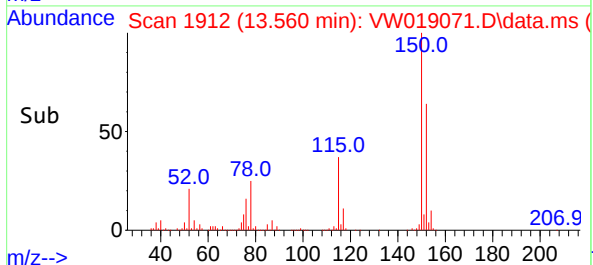
Tgt Ion:173 Resp: 3555
Ion Ratio Lower Upper
173 100
175 50.3 24.6 73.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



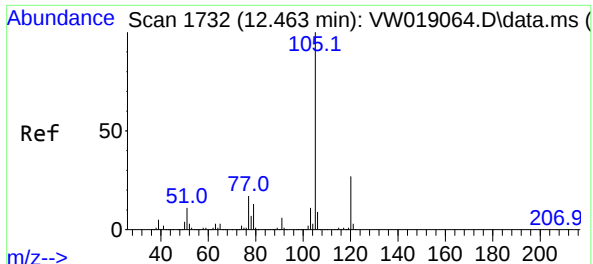
Tgt Ion:152 Resp: 270168
Ion Ratio Lower Upper
152 100
115 60.5 30.3 90.8
150 155.1 0.0 356.0



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

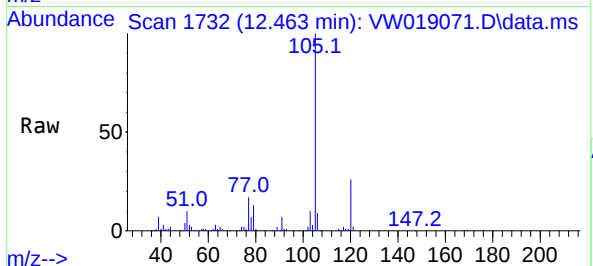
Manual Integrations
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#73
Isopropylbenzene
Concen: 1.91 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

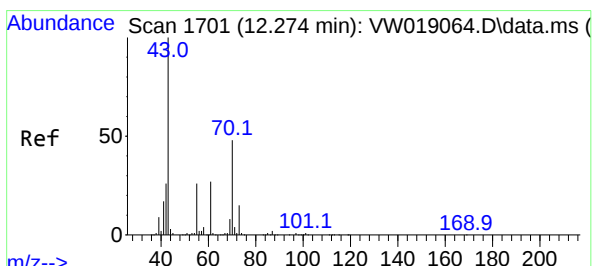
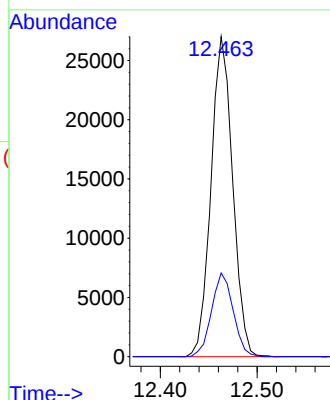
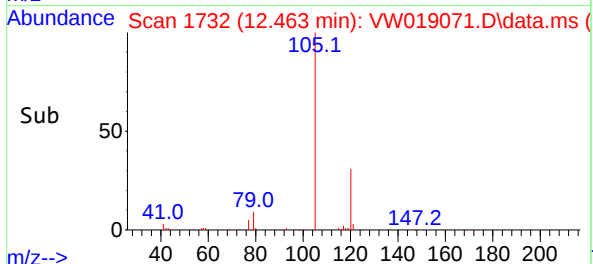
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



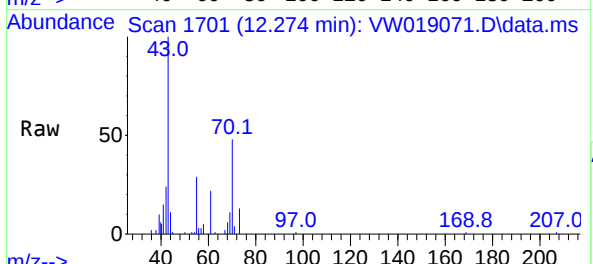
Tgt Ion:105 Resp: 42072
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5

Manual Integrations
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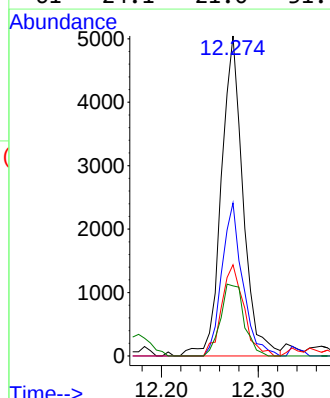
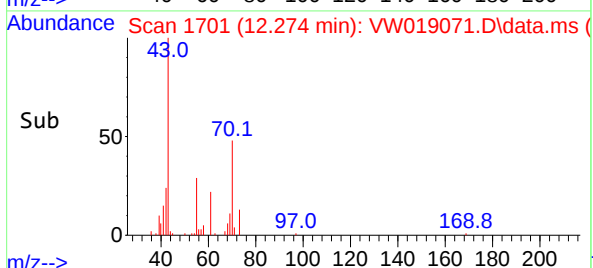
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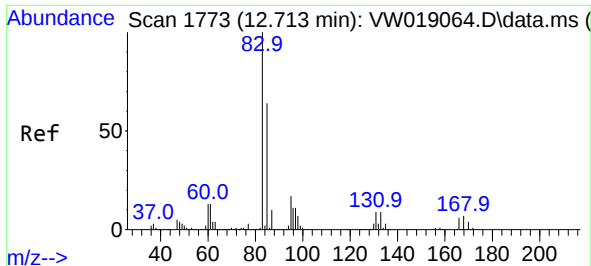


#74
N-ethyl acetate
Concen: 1.78 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

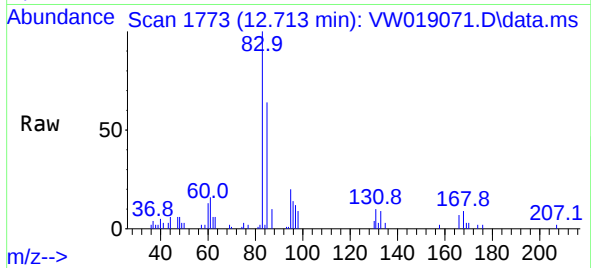


Tgt Ion: 43 Resp: 7867
Ion Ratio Lower Upper
43 100
70 45.6 38.4 57.6
55 29.1 21.6 32.4
61 24.1 21.0 31.4

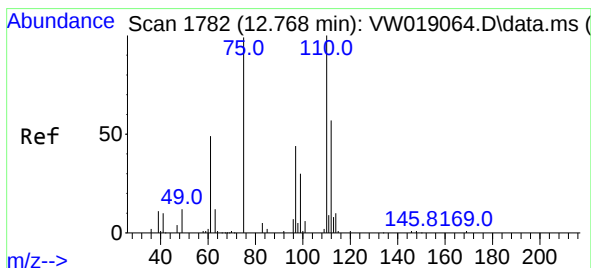
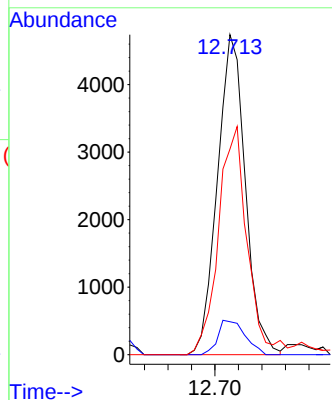
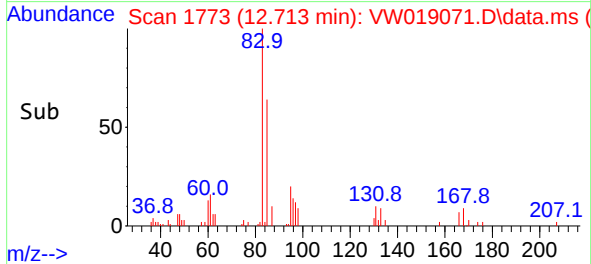




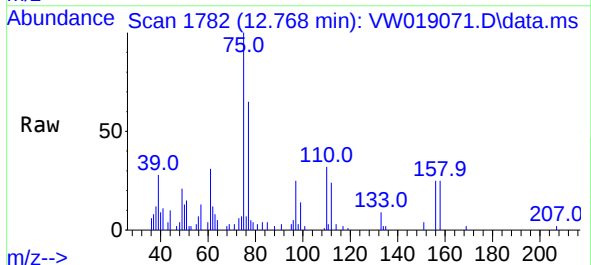
#75
1,1,2,2-Tetrachloroethane
Concen: 2.08 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



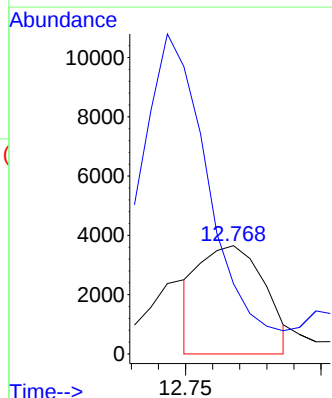
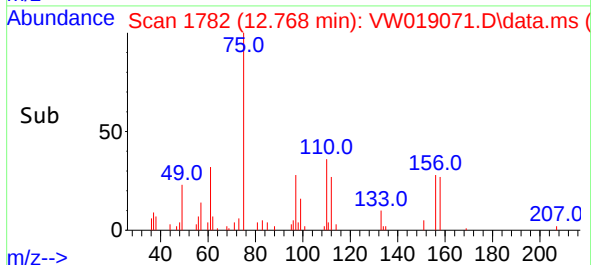
Tgt Ion: 83 Resp: 7834
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.2
85 73.2 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 2.37 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



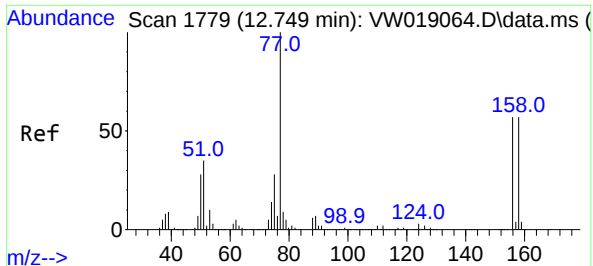
Tgt Ion: 75 Resp: 6111
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



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

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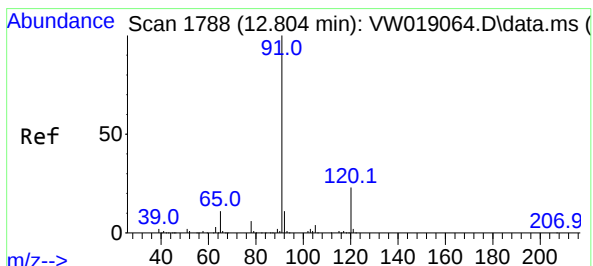
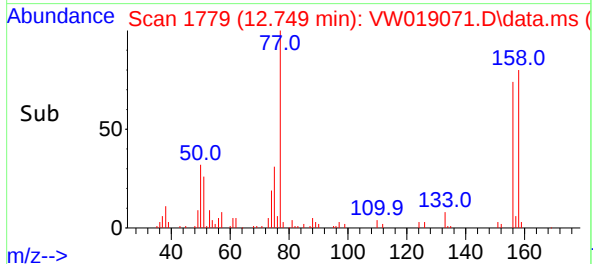
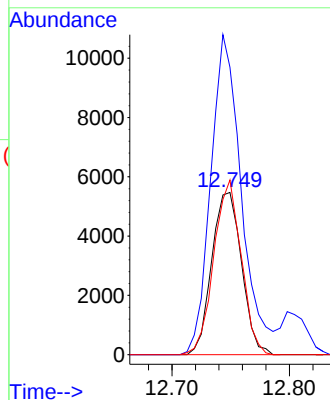
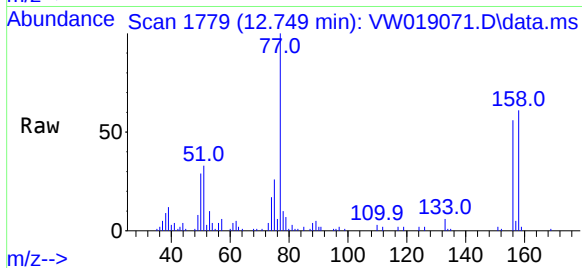
#77
Bromobenzene
Concen: 2.05 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

Tgt Ion: 156 Resp: 9648
Ion Ratio Lower Upper
156 100
77 202.2 96.7 290.0
158 99.2 48.4 145.3

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

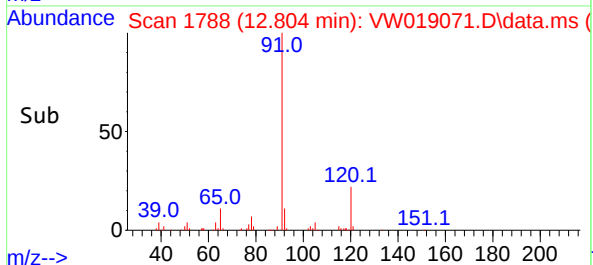
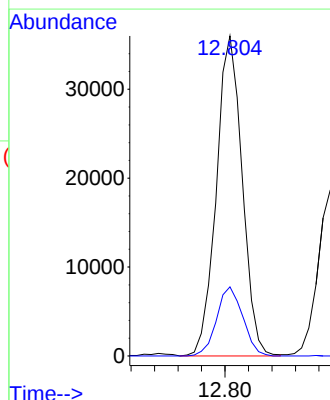
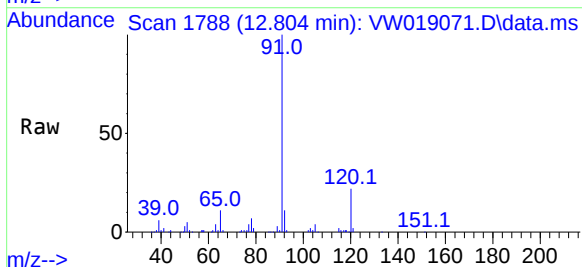
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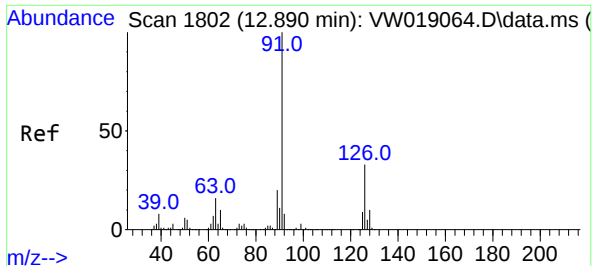
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#78
n-propylbenzene
Concen: 2.02 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

Tgt Ion: 91 Resp: 55069
Ion Ratio Lower Upper
91 100
120 21.8 11.1 33.3





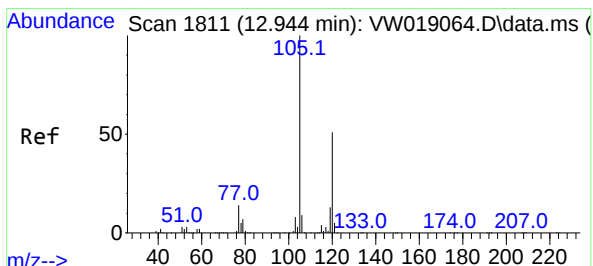
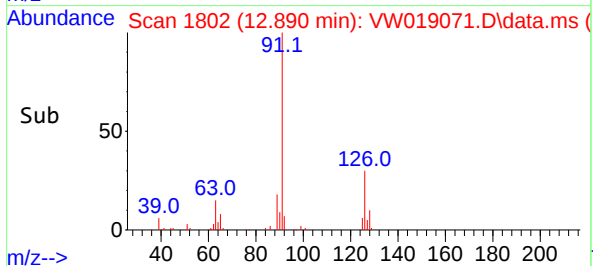
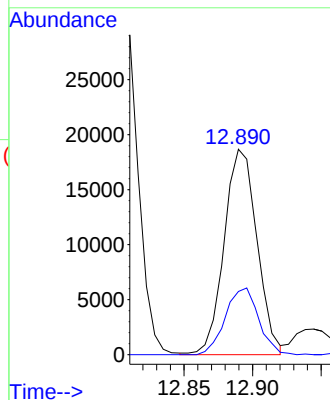
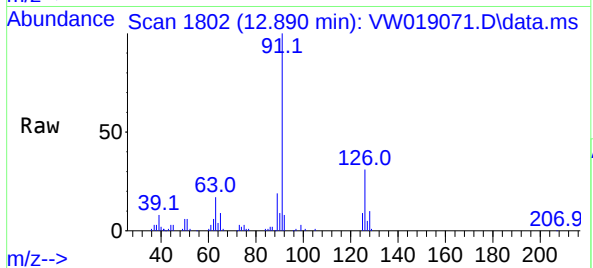
#79
2-Chlorotoluene
Concen: 2.02 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

Tgt Ion: 91 Resp: 31161
Ion Ratio Lower Upper
91 100
126 32.9 16.5 49.5

Instrument :
MSVOA_W
ClientSampleId :
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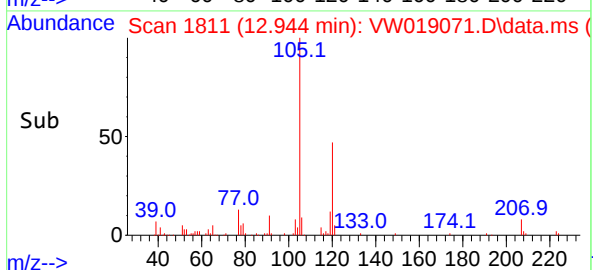
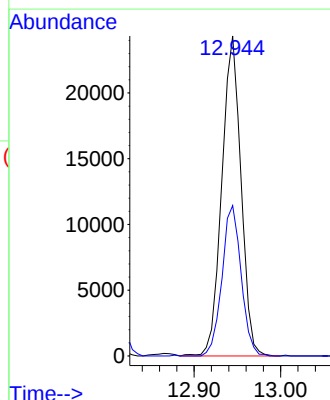
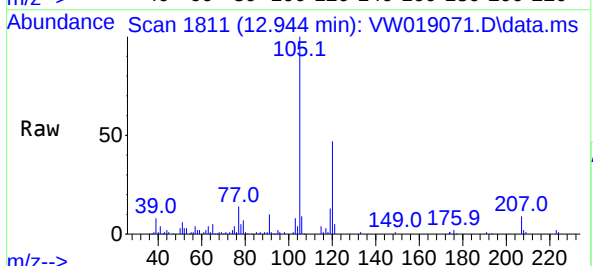
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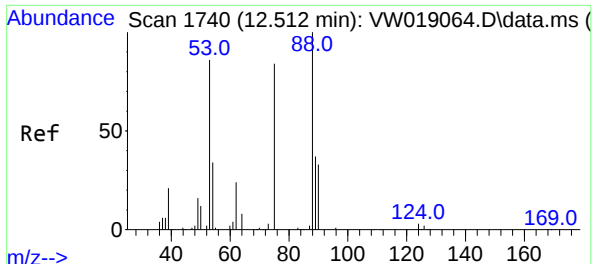
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#80
1,3,5-Trimethylbenzene
Concen: 2.01 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

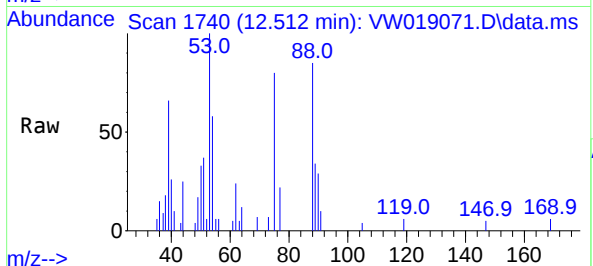
Tgt Ion: 105 Resp: 37363
Ion Ratio Lower Upper
105 100
120 46.9 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 1.77 ug/l m
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

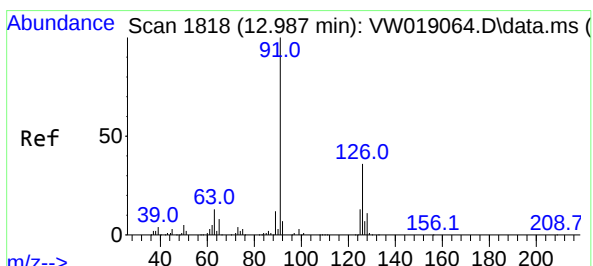
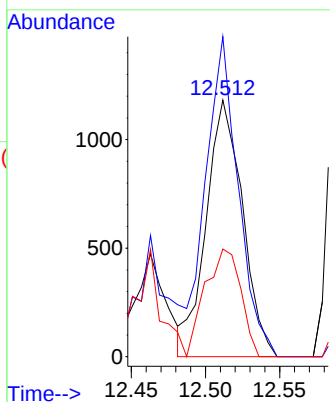
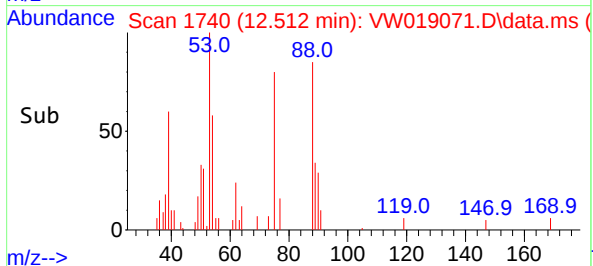
Instrument :
MSVOA_W
ClientSampleId :
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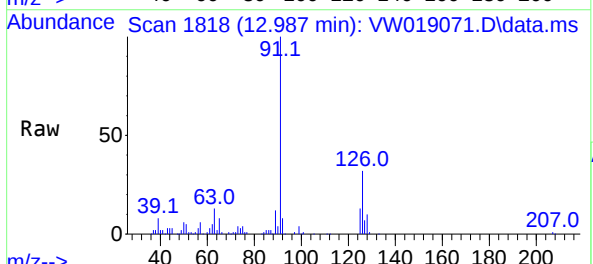
Tgt Ion: 75 Resp: 2016
Ion Ratio Lower Upper
75 100
53 0.0 81.5 122.3#
89 0.0 36.3 54.5#

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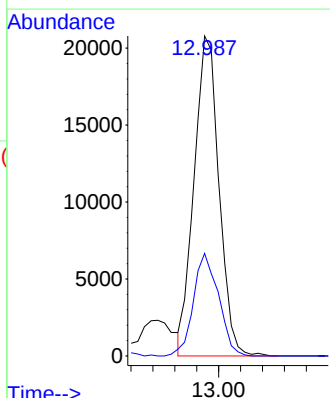
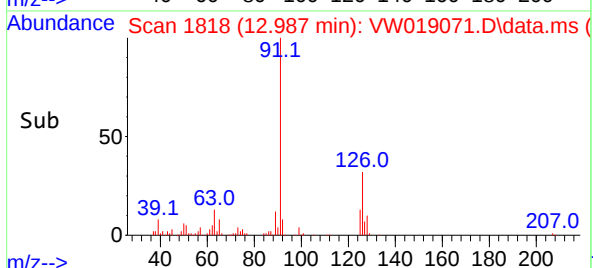
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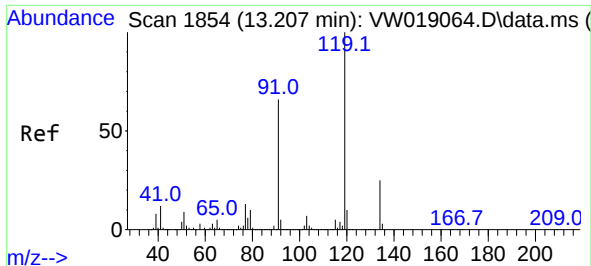


#82
4-Chlorotoluene
Concen: 2.02 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



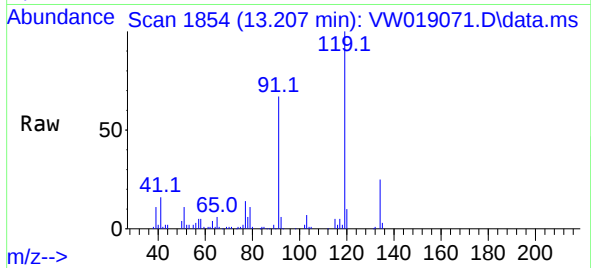
Tgt Ion: 91 Resp: 32798
Ion Ratio Lower Upper
91 100
126 32.4 16.1 48.2





#83
tert-Butylbenzene
Concen: 1.97 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

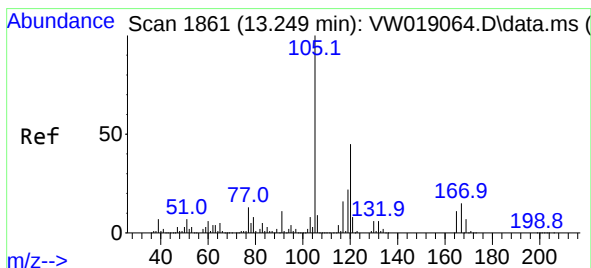
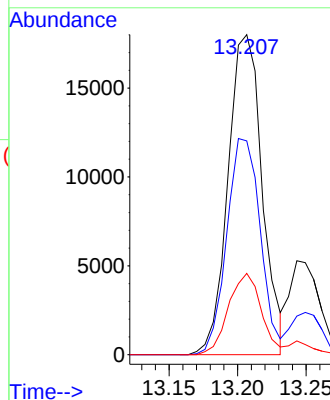
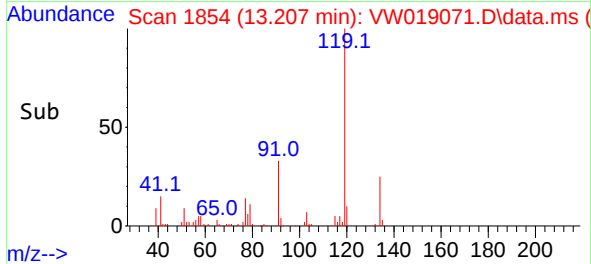
Instrument :
MSVOA_W
ClientSampleId :
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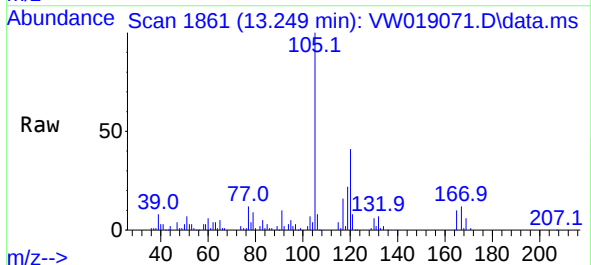
Tgt Ion:119 Resp: 31263
Ion Ratio Lower Upper
119 100
91 66.4 34.0 102.0
134 24.4 13.0 38.9

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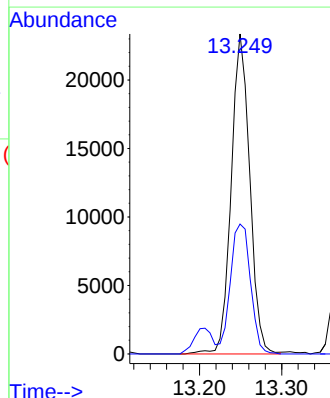
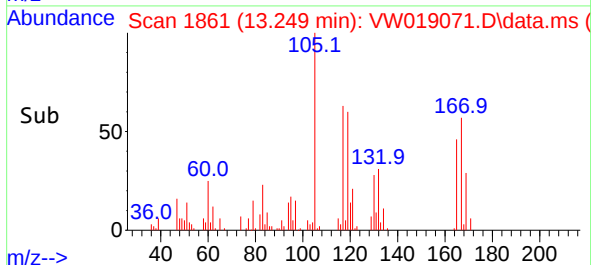
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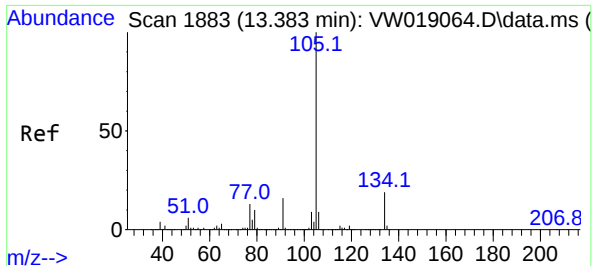


#84
1,2,4-Trimethylbenzene
Concen: 1.97 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



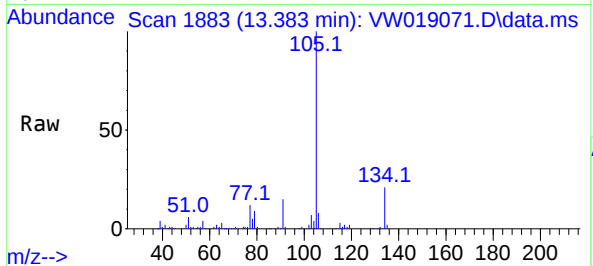
Tgt Ion:105 Resp: 36616
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.0





#85
sec-Butylbenzene
Concen: 2.01 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

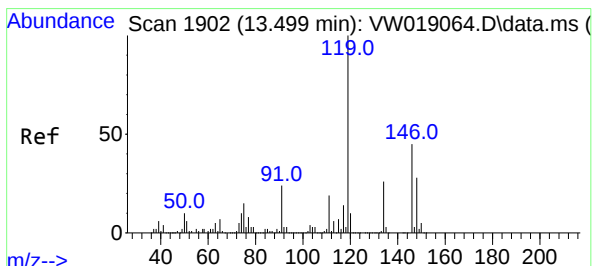
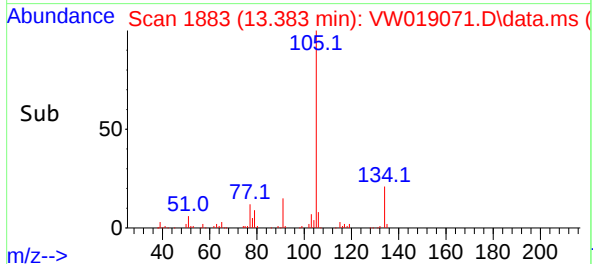
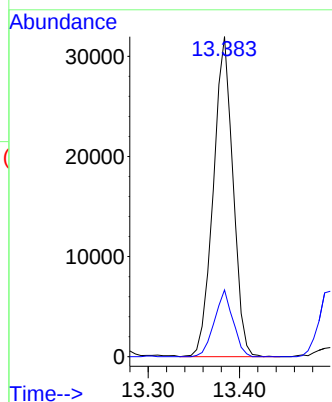
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



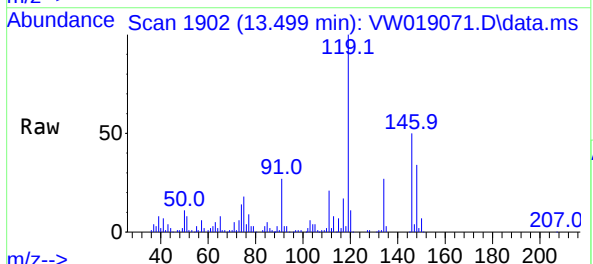
Tgt Ion:105 Resp: 47681
Ion Ratio Lower Upper
105 100
134 19.7 10.1 30.1

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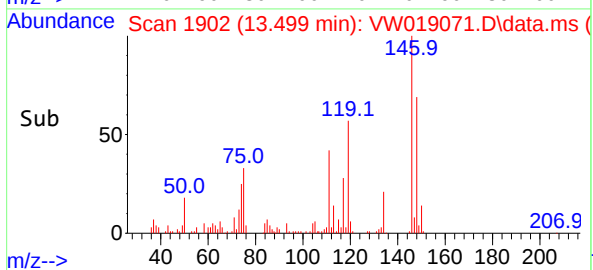
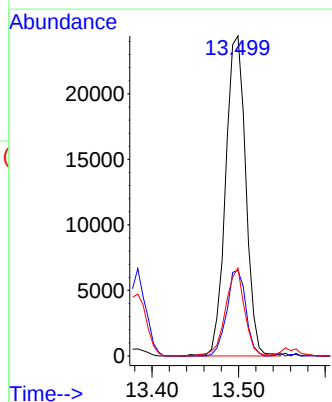
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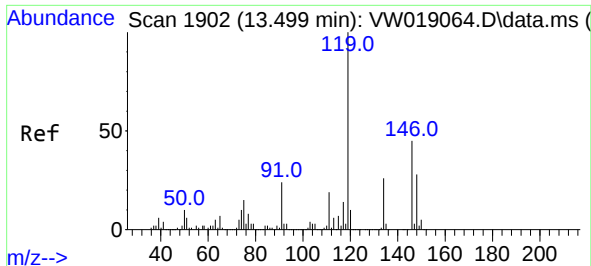


#86
p-Isopropyltoluene
Concen: 1.94 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

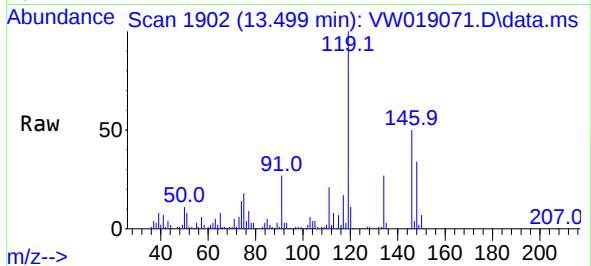


Tgt Ion:119 Resp: 39340
Ion Ratio Lower Upper
119 100
134 25.5 12.8 38.3
91 26.0 12.1 36.3

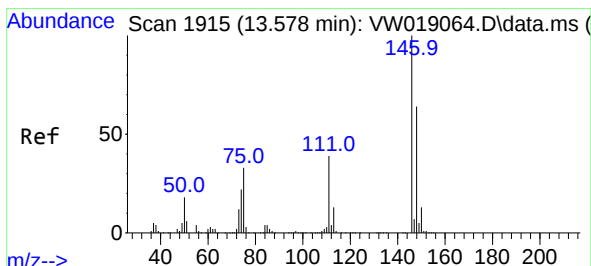
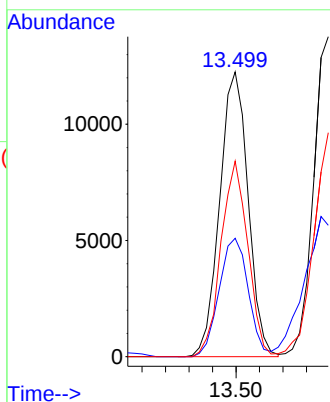
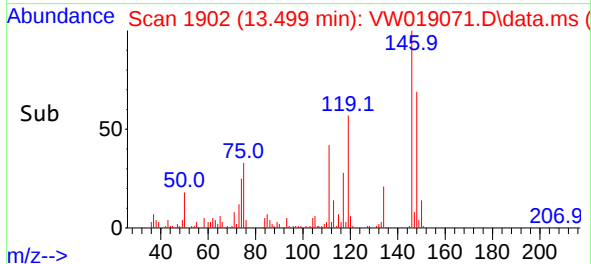




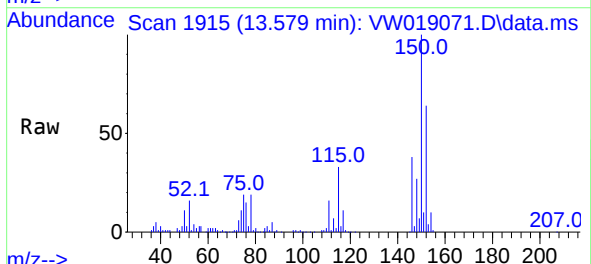
#87
1,3-Dichlorobenzene
Concen: 2.11 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



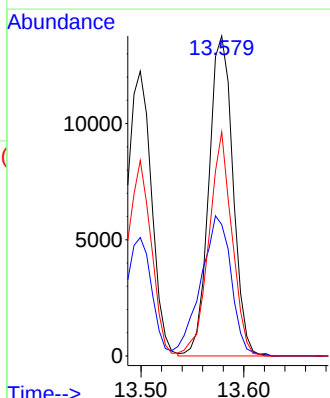
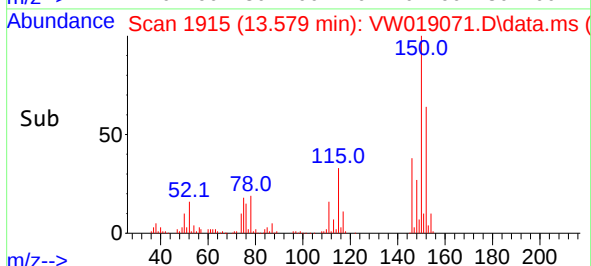
Tgt Ion:146 Resp: 20590
Ion Ratio Lower Upper
146 100
111 42.8 20.7 62.1
148 64.7 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 2.33 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



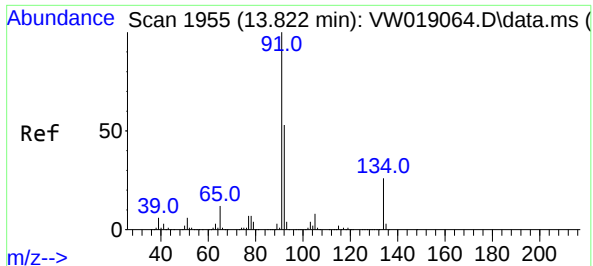
Tgt Ion:146 Resp: 22381
Ion Ratio Lower Upper
146 100
111 55.5 20.1 60.3
148 67.2 32.4 97.2



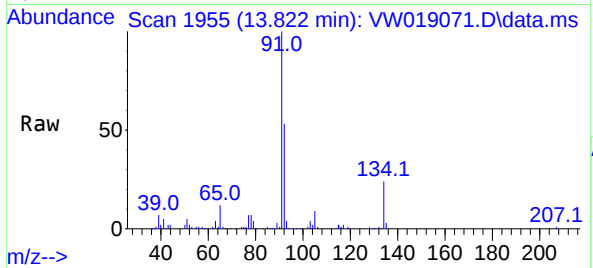
Instrument :
MSVOA_W
ClientSampleId :
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#89
n-Butylbenzene
Concen: 1.96 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

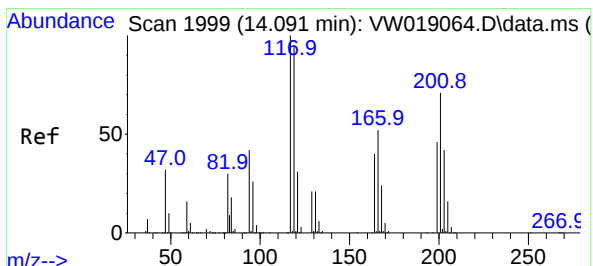
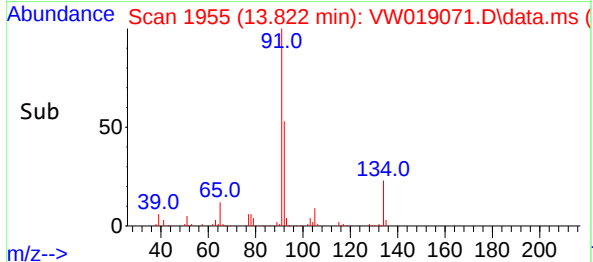
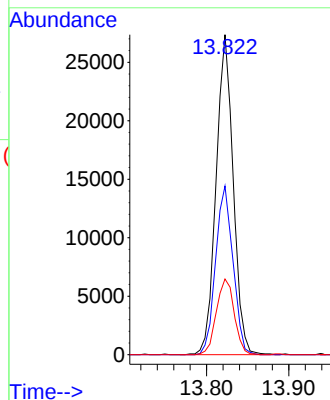


Tgt Ion: 91 Resp: 39663
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.8
134 24.7 12.7 38.0

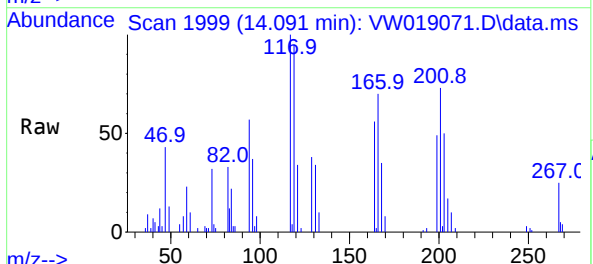
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MSVOA_W
ClientSampleId :
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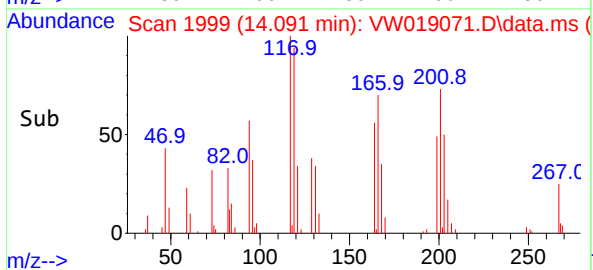
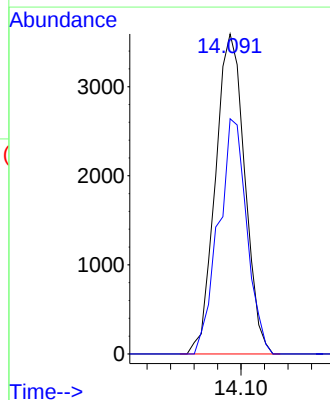
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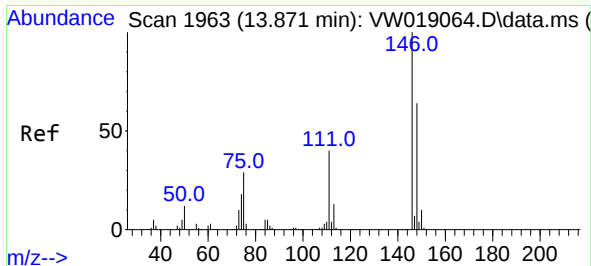


#90
Hexachloroethane
Concen: 1.94 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

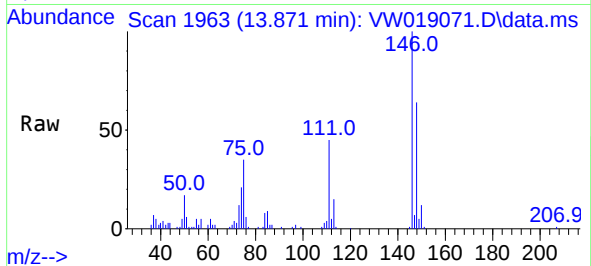


Tgt Ion: 117 Resp: 6223
Ion Ratio Lower Upper
117 100
201 71.2 38.4 115.2

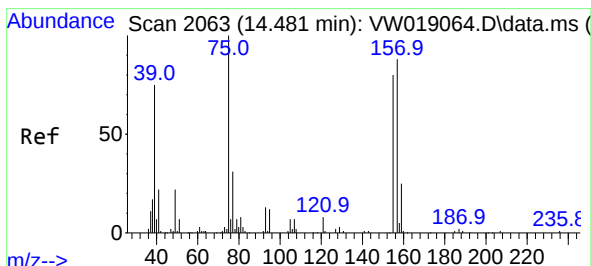
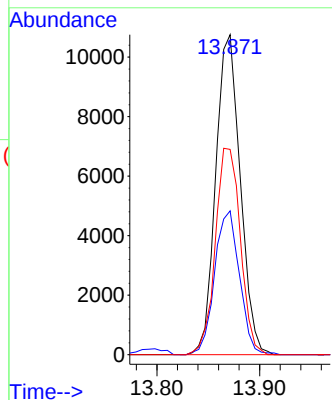
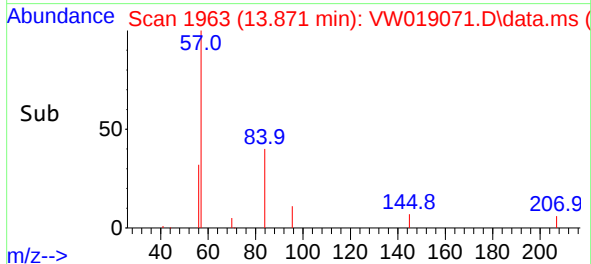




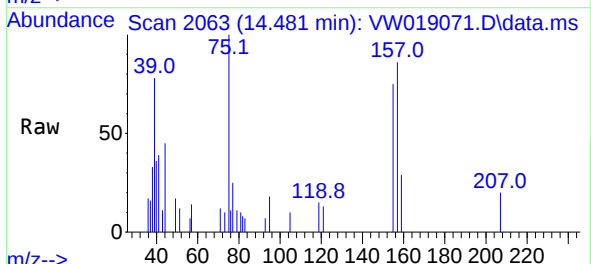
#91
1,2-Dichlorobenzene
Concen: 2.10 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



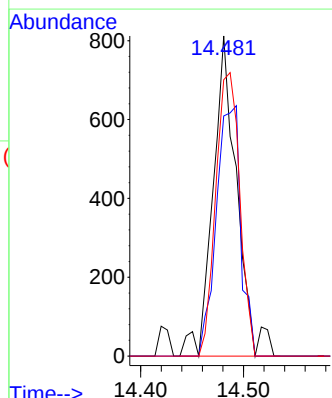
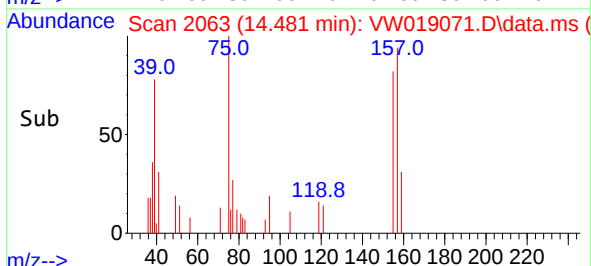
Tgt Ion: 146 Resp: 17822
Ion Ratio Lower Upper
146 100
111 45.6 21.1 63.1
148 65.9 32.6 97.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.20 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



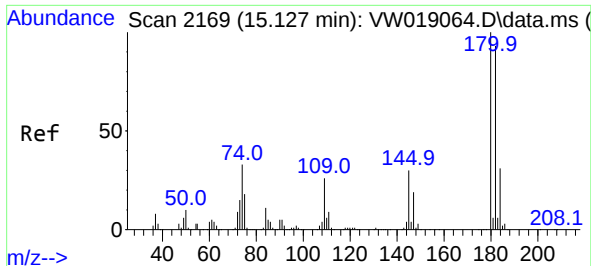
Tgt Ion: 75 Resp: 1315
Ion Ratio Lower Upper
75 100
155 79.5 41.3 124.1
157 88.4 51.2 153.6



Instrument :
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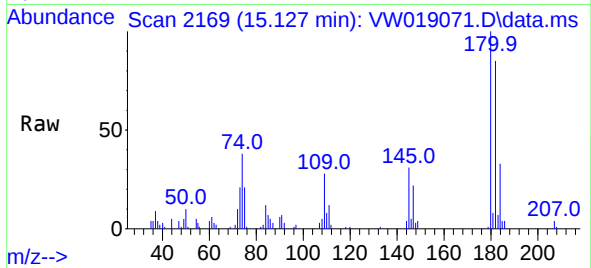
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#93
1,2,4-Trichlorobenzene
Concen: 2.19 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

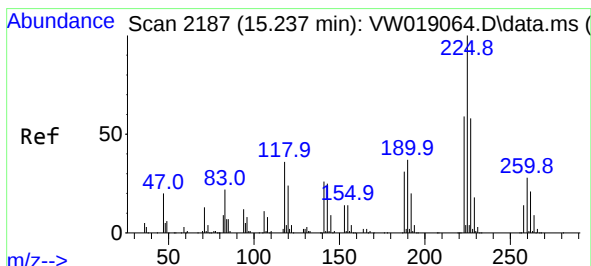
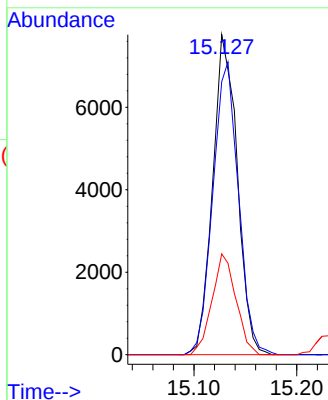
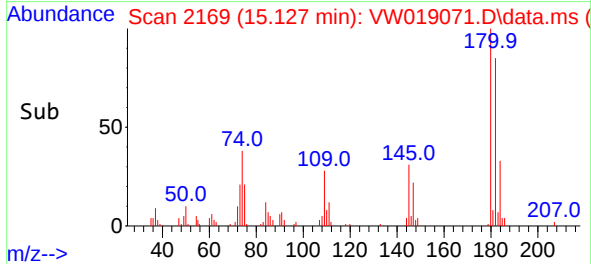
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



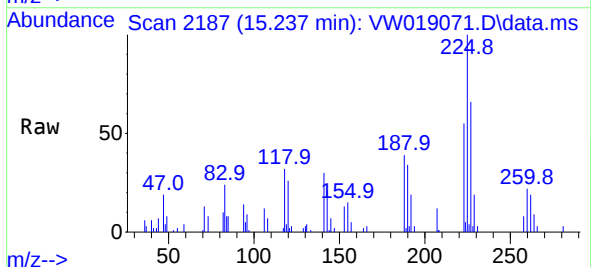
Tgt Ion:180 Resp: 12862
Ion Ratio Lower Upper
180 100
182 95.3 48.9 146.7
145 30.8 15.4 46.1

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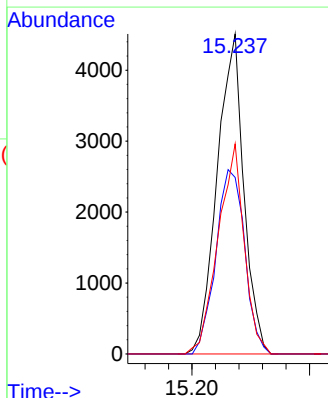
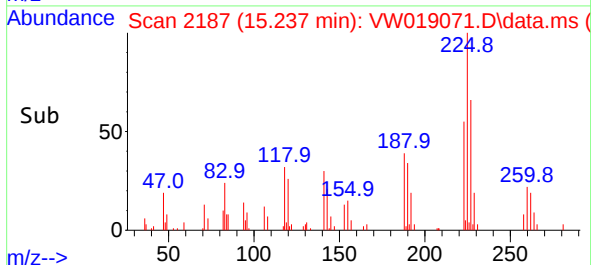
MMDadoda
5/25/2021 5:58:47 PM

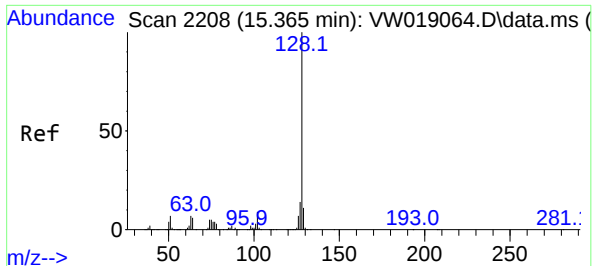


#94
Hexachlorobutadiene
Concen: 2.14 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57

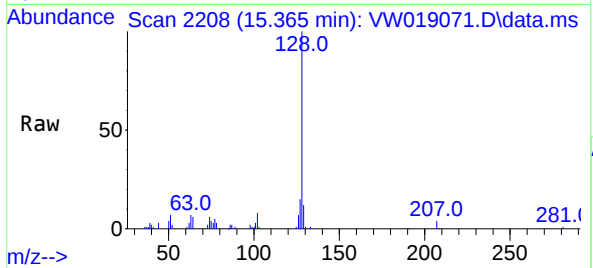


Tgt Ion:225 Resp: 7098
Ion Ratio Lower Upper
225 100
223 62.6 29.6 88.8
227 64.3 30.4 91.3

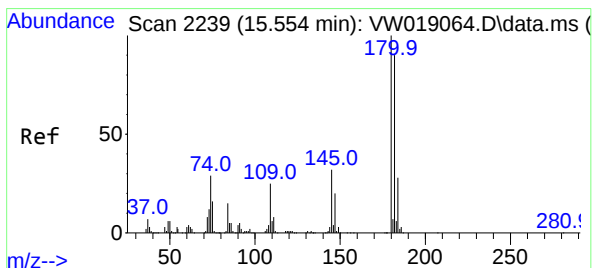
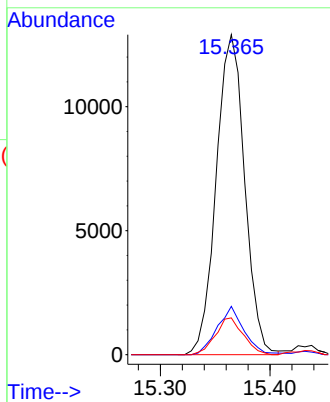
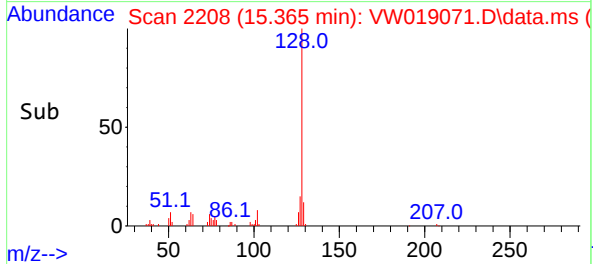




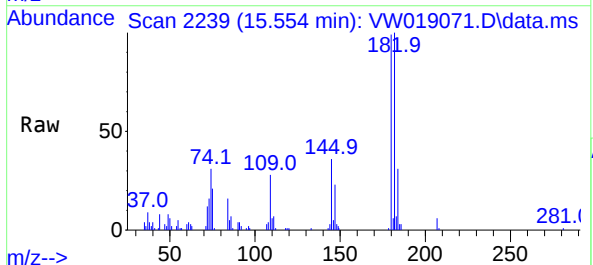
#95
Naphthalene
Concen: 2.26 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



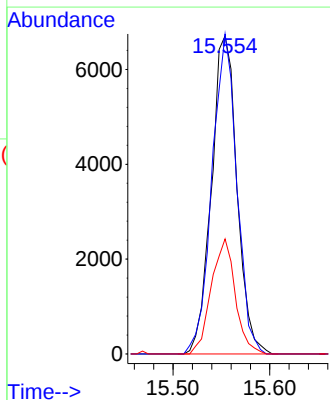
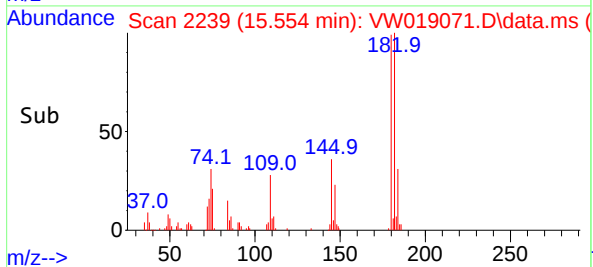
Tgt Ion:	128	Resp:	23264
Ion Ratio	Lower	Upper	
128	100		
127	14.3	10.4	15.6
129	11.3	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 2.47 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW019071.D
Acq: 24 May 2021 17:57



Tgt Ion:	180	Resp:	12294
Ion Ratio	Lower	Upper	
180	100		
182	97.5	47.4	142.3
145	34.0	16.1	48.2



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

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MMDadoda
5/25/2021 5:58:47 PM