

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102821\
 Data File : VW020721.D
 Acq On : 28 Oct 2021 18:20
 Operator : SY/VA
 Sample : M4068-01 LOD4PPB
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
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Quant Time: Oct 29 05:33:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102821S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 05:29:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	103467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	159817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	147722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	79420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	47651	46.853	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.700%
35) Dibromofluoromethane	7.885	113	41483	44.247	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.500%
50) Toluene-d8	10.323	98	155256	44.128	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.260%
62) 4-Bromofluorobenzene	12.615	95	57678	43.454	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	425	1.672	ug/l	76
3) Chloromethane	2.209	50	2806	4.536	ug/l	96
4) Vinyl Chloride	2.355	62	3027	4.181	ug/l	93
5) Bromomethane	2.770	94	1914	6.534	ug/l	98
6) Chloroethane	2.910	64	982	5.369	ug/l	92
7) Trichlorofluoromethane	3.251	101	1796	5.272	ug/l	97
8) Diethyl Ether	3.684	74	1870	4.429	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.062	101	3881	4.652	ug/l	96
10) Methyl Iodide	4.269	142	3997	4.253	ug/l	98
11) Tert butyl alcohol	5.178	59	1158	21.394	ug/l #	72
12) 1,1-Dichloroethene	4.038	96	3454	4.247	ug/l	90
13) Acrolein	3.904	56	343	14.414	ug/l	83
14) Allyl chloride	4.666	41	5653	4.520	ug/l	97
15) Acrylonitrile	5.373	53	4419	22.357	ug/l	97
16) Acetone	4.129	43	5040	22.149	ug/l	100
17) Carbon Disulfide	4.379	76	9508	4.224	ug/l	99
18) Methyl Acetate	4.678	43	3693	5.078	ug/l	100
19) Methyl tert-butyl Ether	5.428	73	5102	4.578	ug/l	97
20) Methylene Chloride	4.916	84	7727	7.154	ug/l	94
21) trans-1,2-Dichloroethene	5.422	96	3969	4.364	ug/l	91
22) Diisopropyl ether	6.318	45	10777	4.131	ug/l	98
23) Vinyl Acetate	6.263	43	26533	18.690	ug/l	99
24) 1,1-Dichloroethane	6.220	63	7742	4.630	ug/l	98
25) 2-Butanone	7.177	43	5599	20.465	ug/l	96
26) 2,2-Dichloropropane	7.171	77	4274	4.593	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	4509	4.532	ug/l	97
28) Bromochloromethane	7.519	49	3476	4.473	ug/l #	99
29) Tetrahydrofuran	7.543	42	3314	20.019	ug/l	96
30) Chloroform	7.671	83	8091	4.634	ug/l	93
31) Cyclohexane	7.958	56	8312	4.877	ug/l #	74
32) 1,1,1-Trichloroethane	7.872	97	6510	4.870	ug/l	96
36) 1,1-Dichloropropene	8.080	75	5926	4.156	ug/l	100
37) Ethyl Acetate	7.257	43	2632	4.326	ug/l #	95
38) Carbon Tetrachloride	8.067	117	5986	4.559	ug/l	94
39) Methylcyclohexane	9.336	83	6725	3.904	ug/l	94
40) Benzene	8.324	78	20012	4.891	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	1363	3.808	ug/l #	88
42) 1,2-Dichloroethane	8.403	62	5798	4.610	ug/l	99
43) Isopropyl Acetate	8.427	43	4641	3.982	ug/l	97
44) Trichloroethene	9.092	130	4773	4.440	ug/l	91
45) 1,2-Dichloropropane	9.372	63	4047	4.193	ug/l	94
46) Dibromomethane	9.457	93	2130	4.062	ug/l	93
47) Bromodichloromethane	9.646	83	5886	4.421	ug/l	90
48) Methyl methacrylate	9.439	41	2288	4.009	ug/l	97
49) 1,4-Dioxane	9.451	88	603	86.729	ug/l	94
51) 4-Methyl-2-Pentanone	10.213	43	12174	19.969	ug/l	99
52) Toluene	10.390	92	11064	4.424	ug/l	100
53) t-1,3-Dichloropropene	10.604	75	5195	3.873	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	6209	4.024	ug/l	99
55) 1,1,2-Trichloroethane	10.787	97	3188	4.358	ug/l	97
56) Ethyl methacrylate	10.646	69	3556	3.892	ug/l	99
57) 1,3-Dichloropropane	10.933	76	5553	4.352	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.927	63	7620	17.587	ug/l	100
59) 2-Hexanone	10.969	43	8299	19.249	ug/l	95
60) Dibromochloromethane	11.128	129	3620	4.141	ug/l	100
61) 1,2-Dibromoethane	11.232	107	3063	4.375	ug/l	100
64) Tetrachloroethene	10.866	164	4275	4.544	ug/l	95
65) Chlorobenzene	11.658	112	12174	4.545	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	4372	4.478	ug/l	95
67) Ethyl Benzene	11.731	91	20364	4.196	ug/l	98
68) m/p-Xylenes	11.835	106	15128	8.048	ug/l	100
69) o-Xylene	12.164	106	6843	3.955	ug/l	99
70) Styrene	12.183	104	11084	3.737	ug/l	96
71) Bromoform	12.347	173	2243	4.203	ug/l #	97
73) Isopropylbenzene	12.463	105	18685	3.897	ug/l	99
74) N-amyl acetate	12.274	43	3950	3.597	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	3702	4.377	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	2910m	4.274	ug/l	
77) Bromobenzene	12.750	156	5049	4.351	ug/l	94
78) n-propylbenzene	12.804	91	24223	4.099	ug/l	100
79) 2-Chlorotoluene	12.890	91	14125	4.150	ug/l	97
80) 1,3,5-Trimethylbenzene	12.939	105	16643	3.989	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	1010	3.705	ug/l	92
82) 4-Chlorotoluene	12.987	91	15190	4.205	ug/l	98
83) tert-Butylbenzene	13.207	119	14239	4.014	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	16463	3.962	ug/l	99
85) sec-Butylbenzene	13.384	105	21302	3.992	ug/l	100
86) p-Isopropyltoluene	13.493	119	17671	3.900	ug/l	99
87) 1,3-Dichlorobenzene	13.493	146	9941	4.180	ug/l	95
88) 1,4-Dichlorobenzene	13.573	146	10607	4.470	ug/l	89
89) n-Butylbenzene	13.823	91	16620	3.903	ug/l	99
90) Hexachloroethane	14.091	117	3580	4.341	ug/l	98
91) 1,2-Dichlorobenzene	13.865	146	9024	4.333	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.487	75	607	4.025	ug/l	97
93) 1,2,4-Trichlorobenzene	15.127	180	5993	4.195	ug/l	98
94) Hexachlorobutadiene	15.231	225	3992	4.325	ug/l	100
95) Naphthalene	15.365	128	8719	3.671	ug/l	97
96) 1,2,3-Trichlorobenzene	15.554	180	5391	4.202	ug/l	98

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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

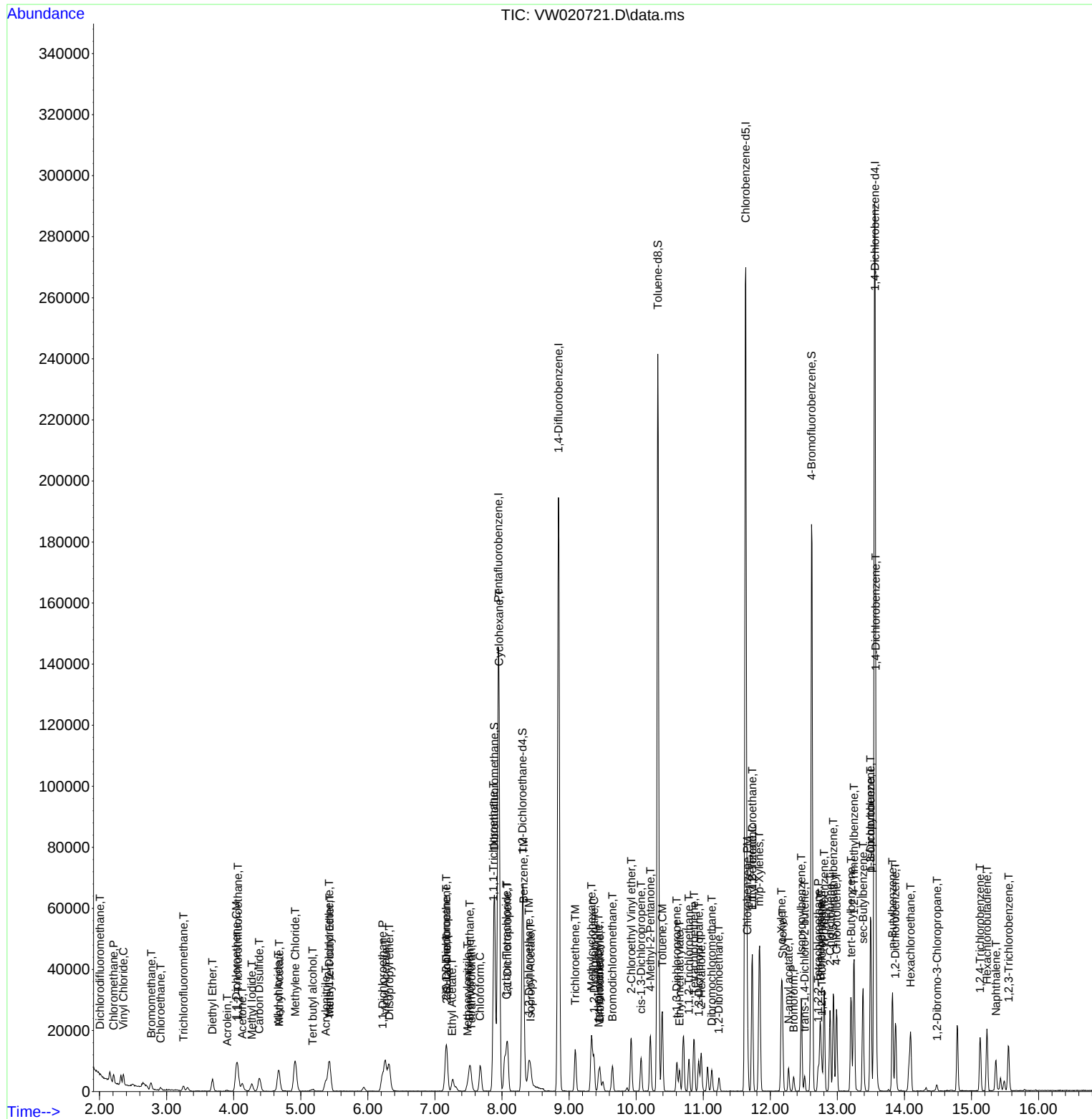
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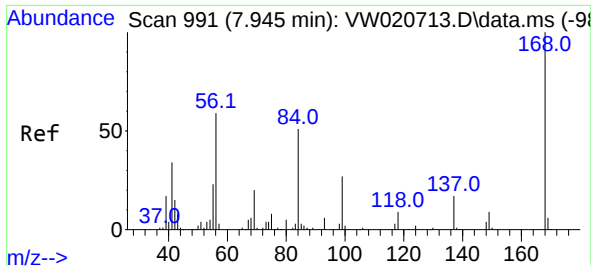
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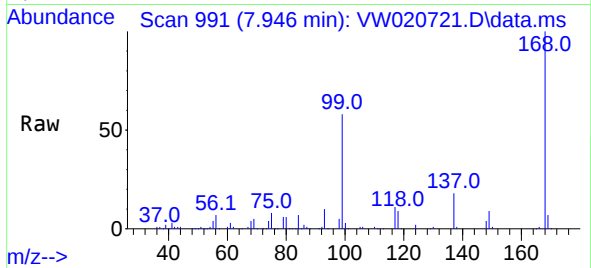
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QLast Update : Fri Oct 29 05:29:24 2021
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.946 min Scan# 991
Delta R.T. 0.001 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

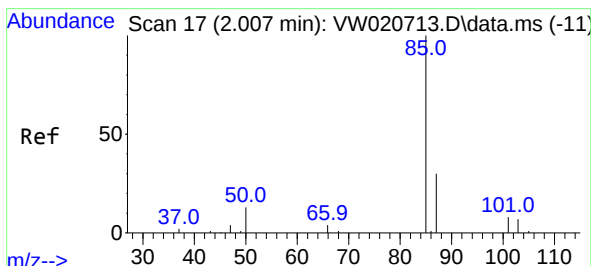
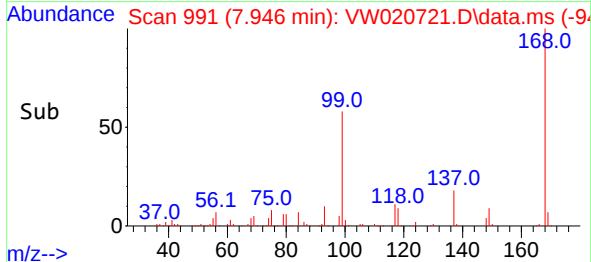
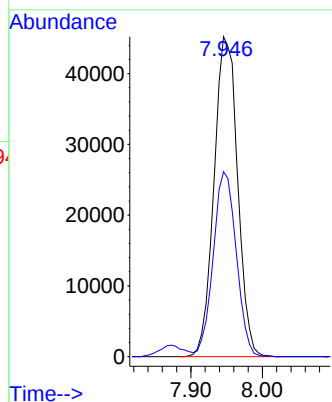
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



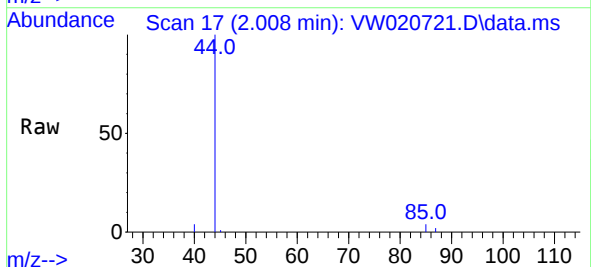
Tgt Ion:168 Resp: 103467
Ion Ratio Lower Upper
168 100
99 57.8 46.2 69.4

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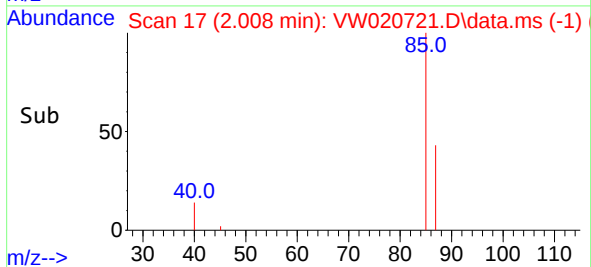
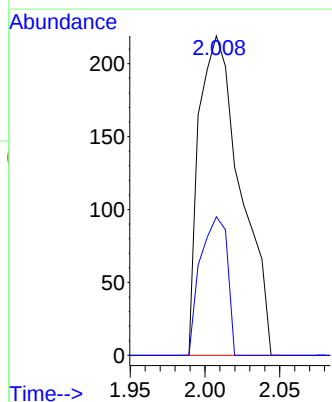
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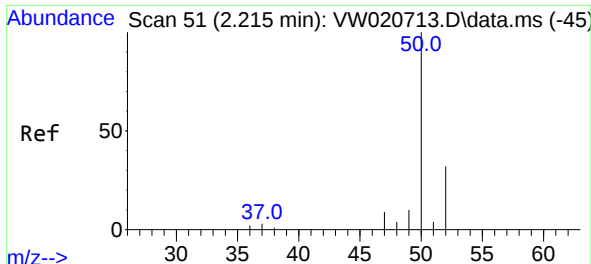


#2
Dichlorodifluoromethane
Concen: 1.672 ug/l
RT: 2.008 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



Tgt Ion: 85 Resp: 425
Ion Ratio Lower Upper
85 100
87 43.4 15.0 45.1





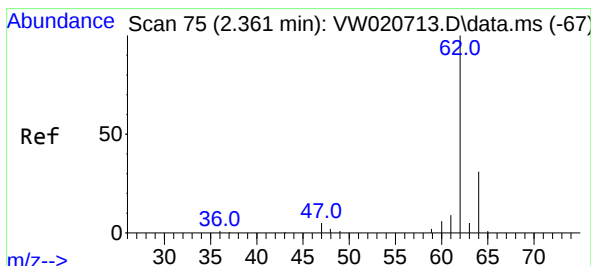
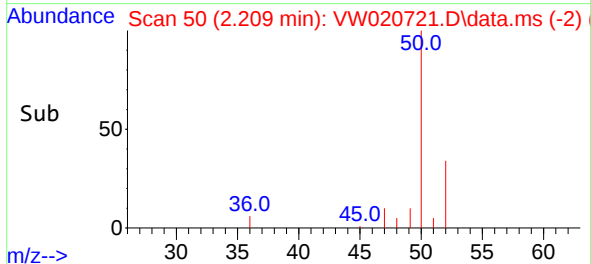
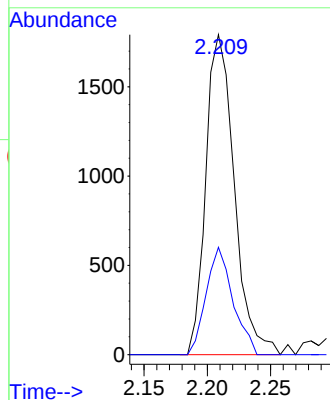
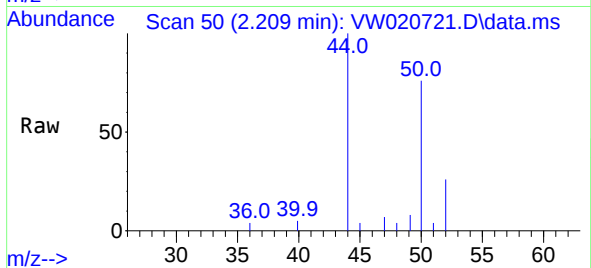
#3
Chloromethane
Concen: 4.536 ug/l
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion: 50 Resp: 2806
Ion Ratio Lower Upper
50 100
52 33.5 25.2 37.8

Instrument :
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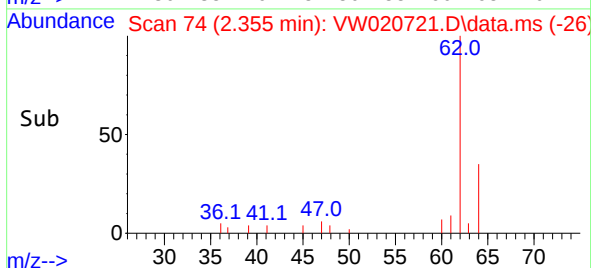
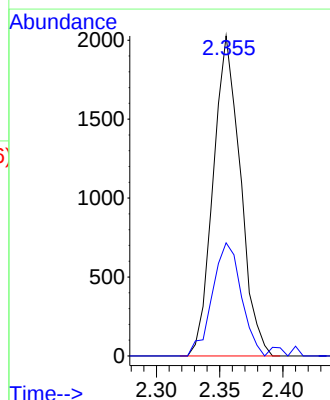
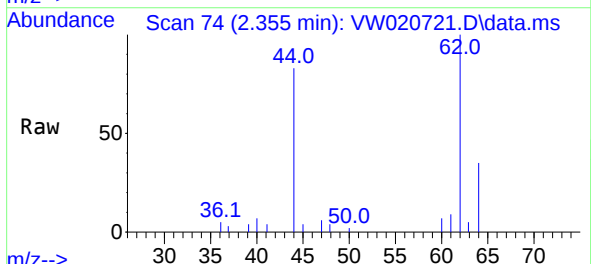
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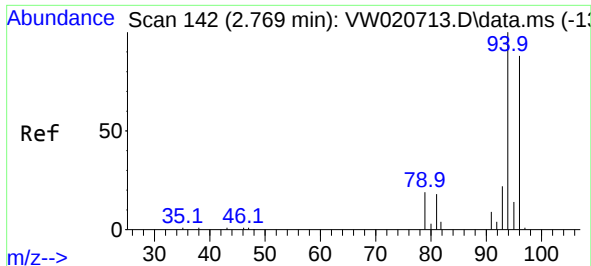
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#4
Vinyl Chloride
Concen: 4.181 ug/l
RT: 2.355 min Scan# 74
Delta R.T. -0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion: 62 Resp: 3027
Ion Ratio Lower Upper
62 100
64 35.3 25.0 37.4





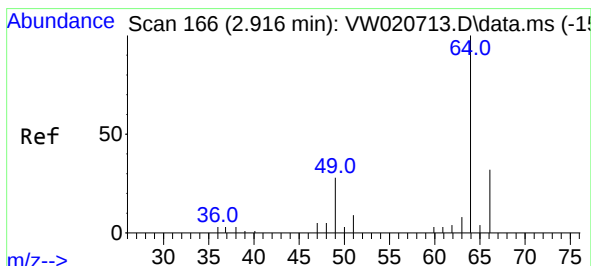
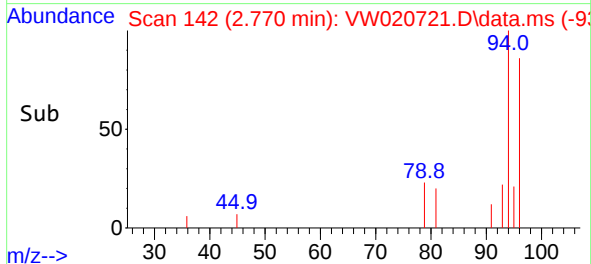
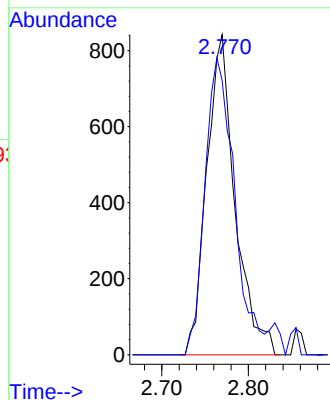
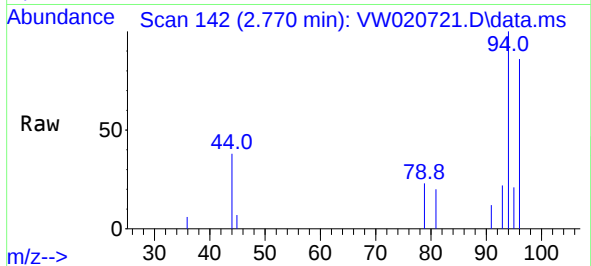
#5
Bromomethane
Concen: 6.534 ug/l
RT: 2.770 min Scan# 142
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion: 94 Resp: 1914
Ion Ratio Lower Upper
94 100
96 85.7 70.1 105.1

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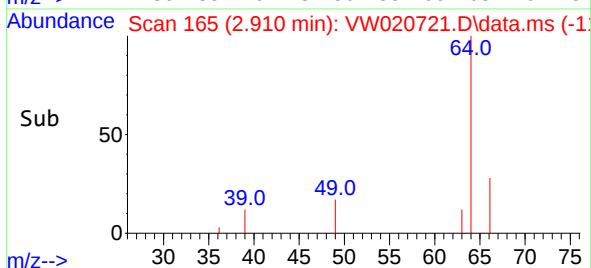
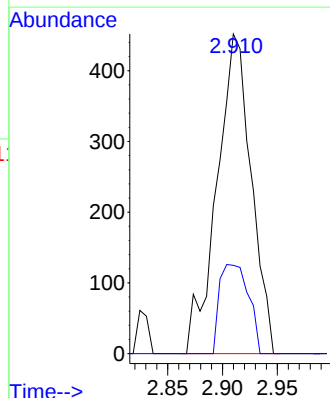
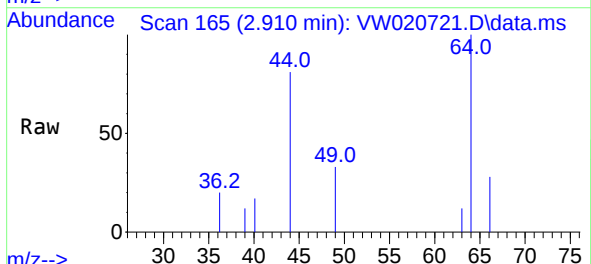
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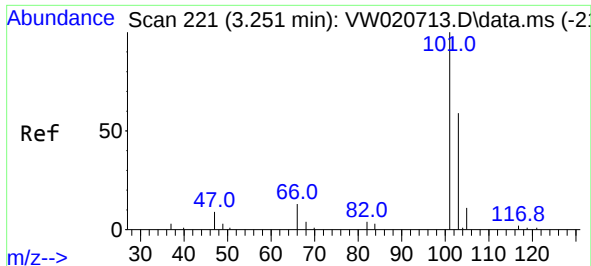
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#6
Chloroethane
Concen: 5.369 ug/l
RT: 2.910 min Scan# 165
Delta R.T. -0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion: 64 Resp: 982
Ion Ratio Lower Upper
64 100
66 27.7 25.5 38.3





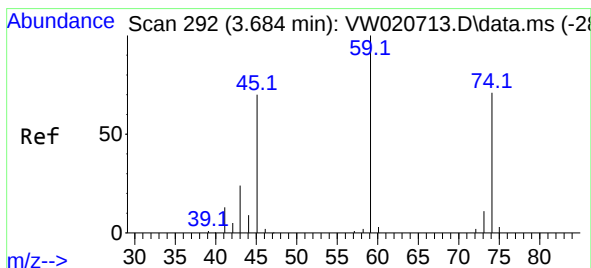
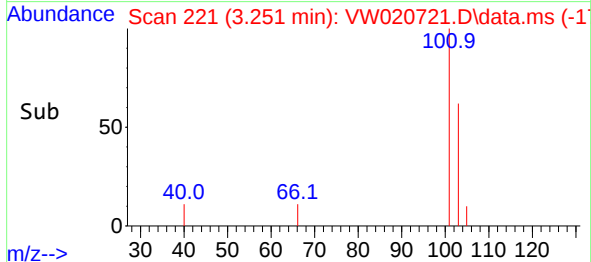
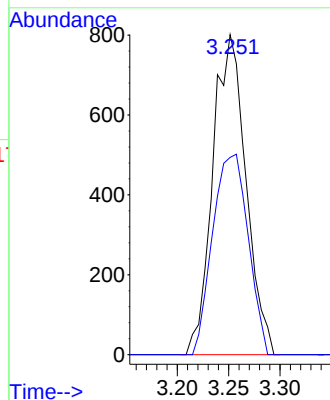
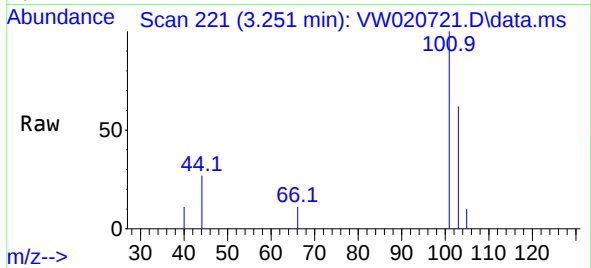
#7
Trichlorofluoromethane
Concen: 5.272 ug/l
RT: 3.251 min Scan# 221
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion: 101 Resp: 1796
Ion Ratio Lower Upper
101 100
103 61.7 47.4 71.0

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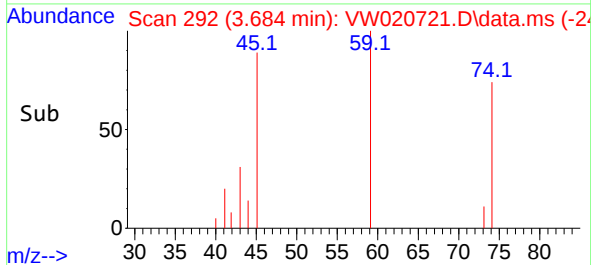
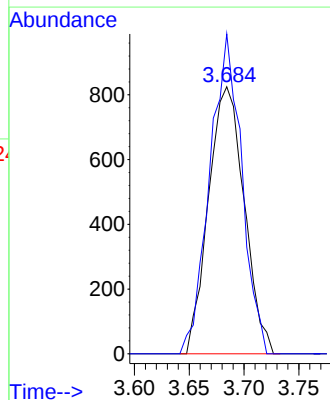
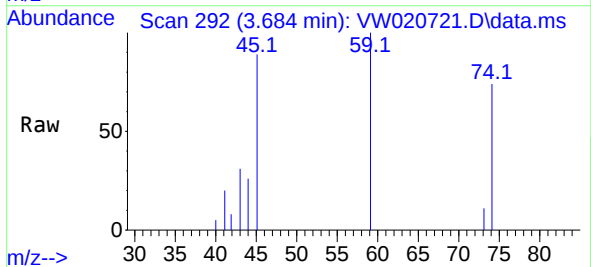
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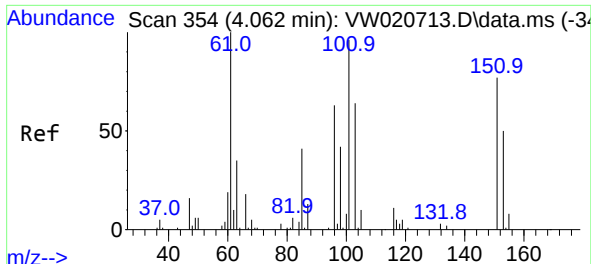
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#8
Diethyl Ether
Concen: 4.429 ug/l
RT: 3.684 min Scan# 292
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion: 74 Resp: 1870
Ion Ratio Lower Upper
74 100
45 106.8 50.4 151.2





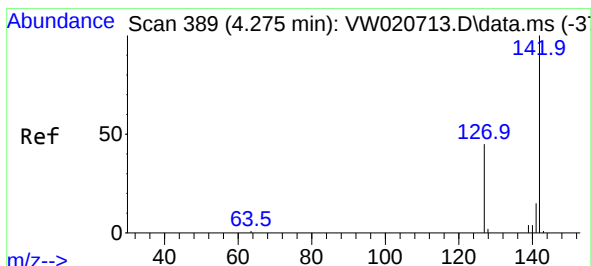
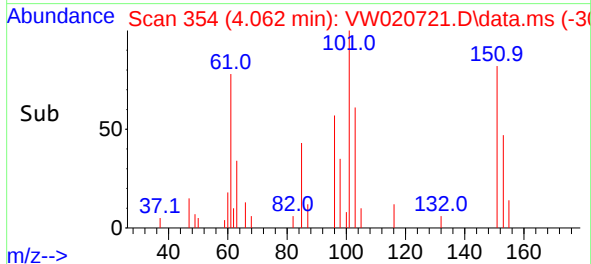
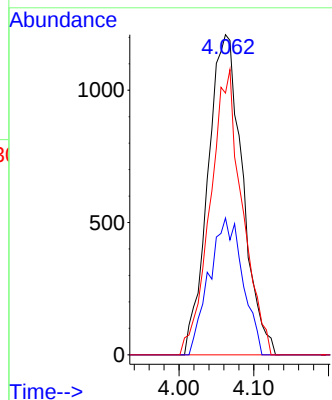
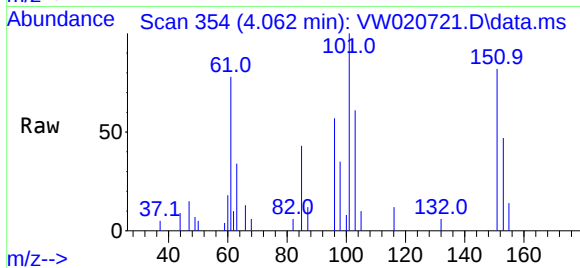
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.652 ug/l
RT: 4.062 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion:	101	Resp:	3881
Ion	Ratio	Lower	Upper
101	100		
85	41.5	35.3	52.9
151	82.9	63.8	95.6

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

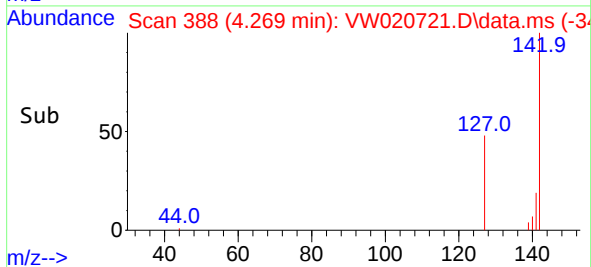
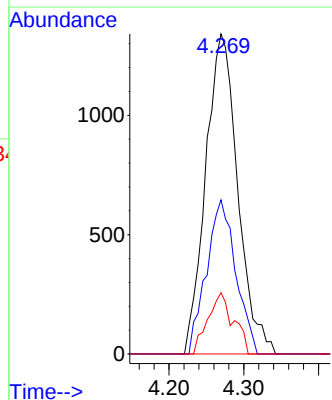
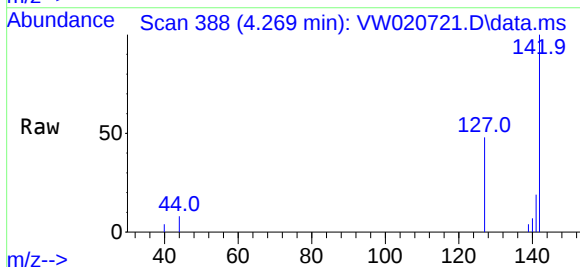
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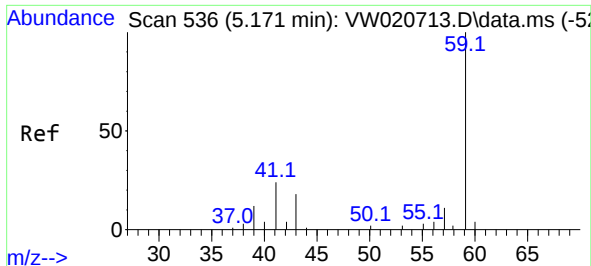
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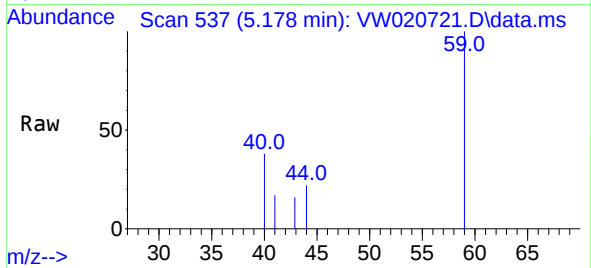
#10
Methyl Iodide
Concen: 4.253 ug/l
RT: 4.269 min Scan# 388
Delta R.T. -0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion:	142	Resp:	3997
Ion	Ratio	Lower	Upper
142	100		
127	44.0	36.3	54.5
141	15.2	12.1	18.1

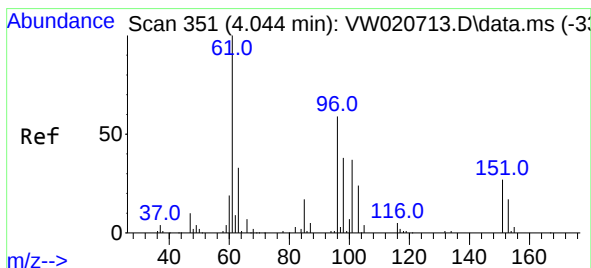
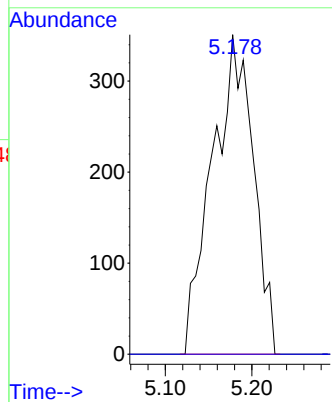
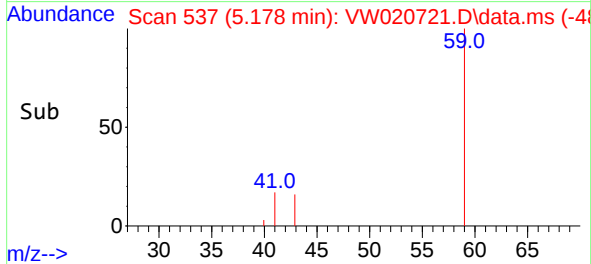




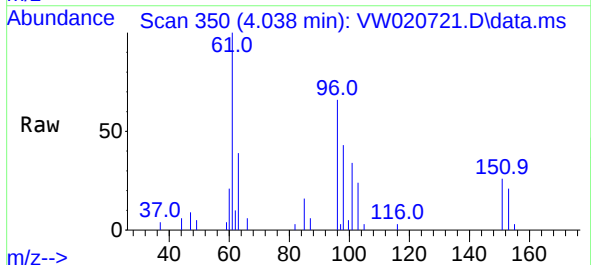
#11
Tert butyl alcohol
Concen: 21.394 ug/l
RT: 5.178 min Scan# 537
Delta R.T. 0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



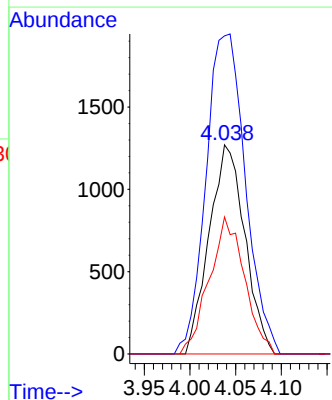
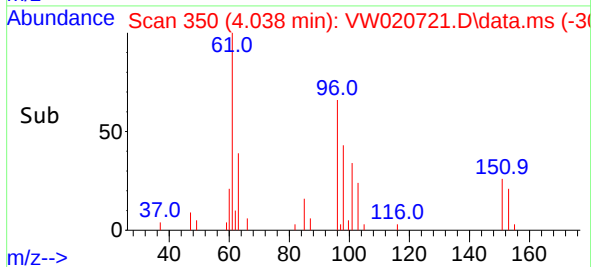
Tgt Ion: 59 Resp: 1158
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 4.247 ug/l
RT: 4.038 min Scan# 350
Delta R.T. -0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



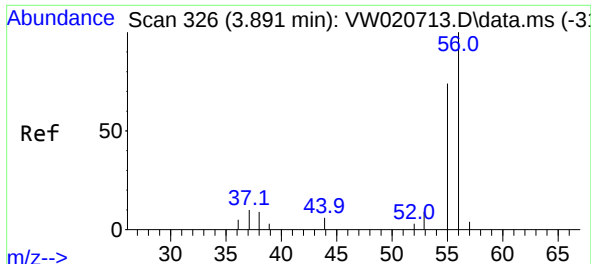
Tgt Ion: 96 Resp: 3454
Ion Ratio Lower Upper
96 100
61 152.0 136.6 205.0
98 65.5 52.2 78.4



Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

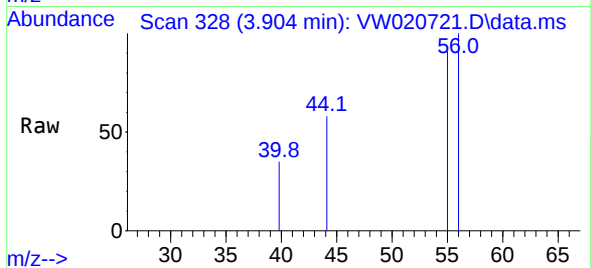
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#13
Acrolein
Concen: 14.414 ug/l
RT: 3.904 min Scan# 328
Delta R.T. 0.012 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

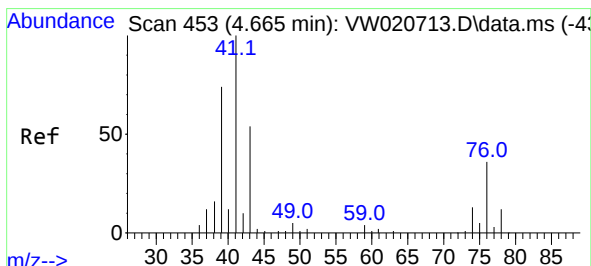
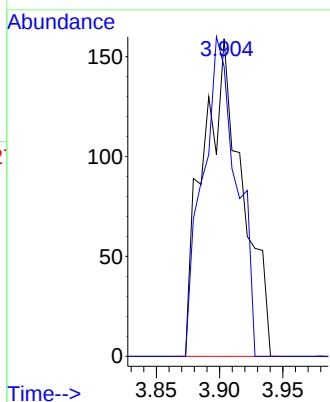
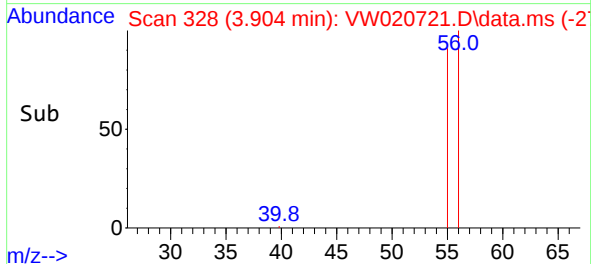
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



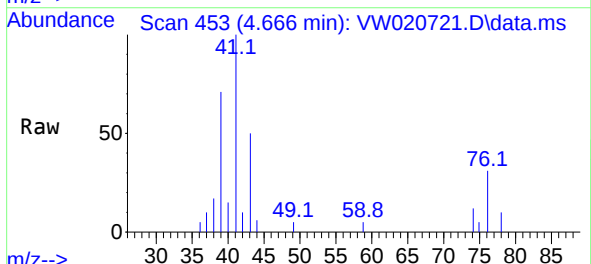
Tgt Ion: 56 Resp: 343
Ion Ratio Lower Upper
56 100
55 87.2 58.2 87.4

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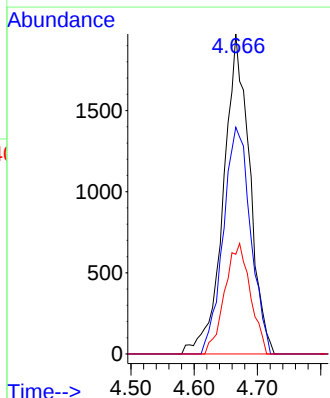
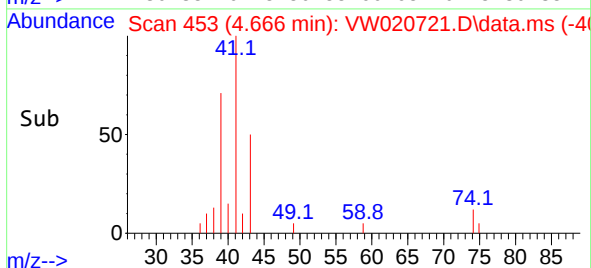
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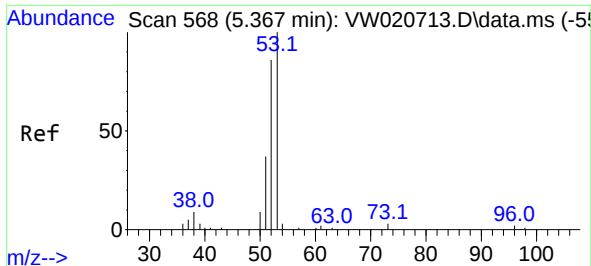


#14
Allyl chloride
Concen: 4.520 ug/l
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

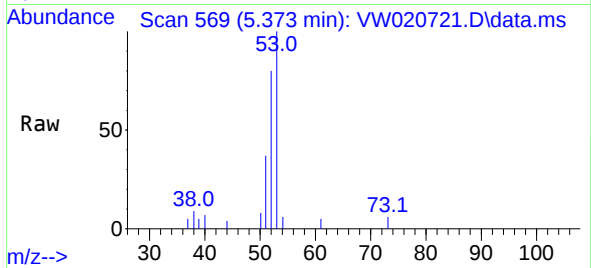


Tgt Ion: 41 Resp: 5653
Ion Ratio Lower Upper
41 100
39 74.2 57.1 85.7
76 33.8 27.9 41.9



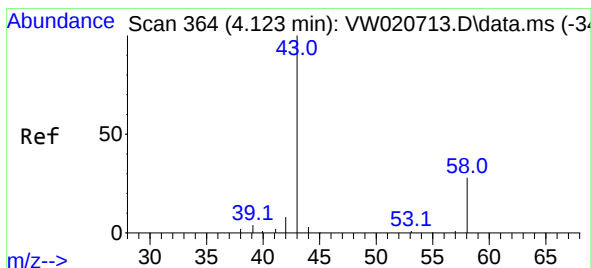
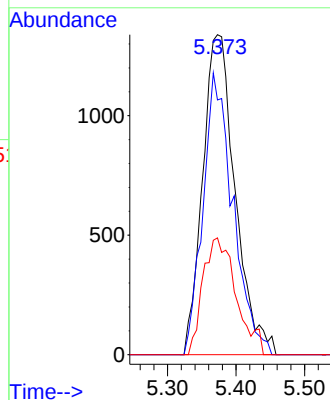
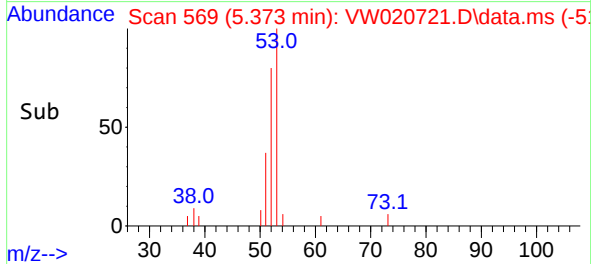


#15
Acrylonitrile
Concen: 22.357 ug/l
RT: 5.373 min Scan# 569
Delta R.T. 0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

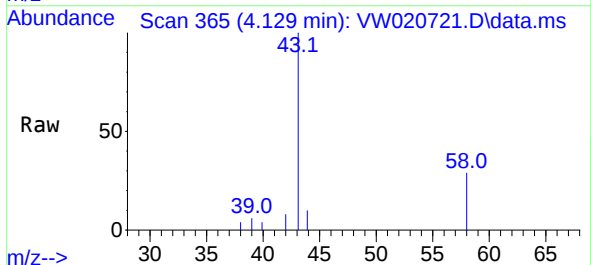


Tgt Ion: 53 Resp: 4419

Ion	Ratio	Lower	Upper
53	100		
52	81.2	67.7	101.5
51	37.2	29.8	44.8

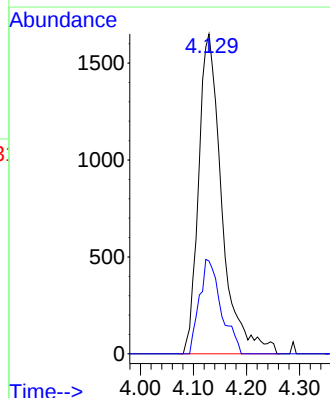
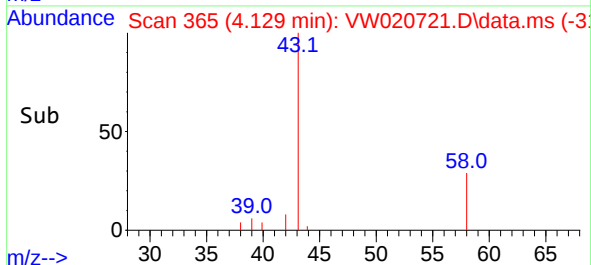


#16
Acetone
Concen: 22.149 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



Tgt Ion: 43 Resp: 5040

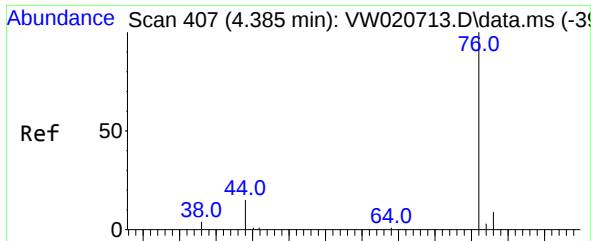
Ion	Ratio	Lower	Upper
43	100		
58	29.0	23.2	34.8



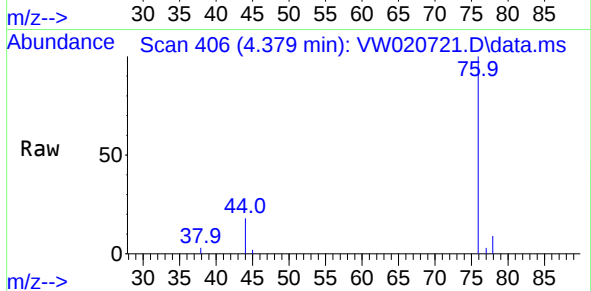
Instrument :
MSVOA_W
ClientSampleId :
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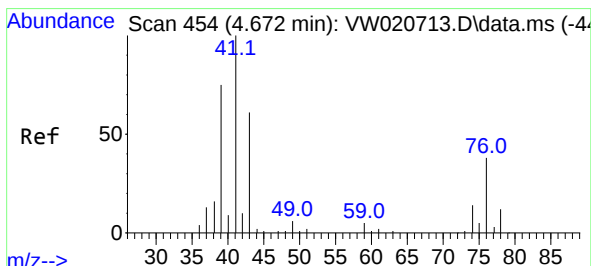
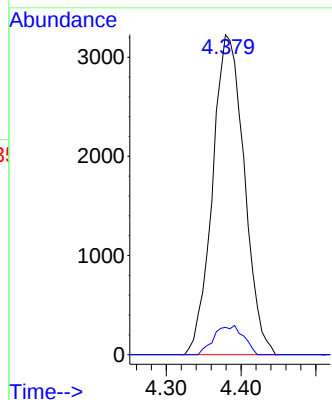
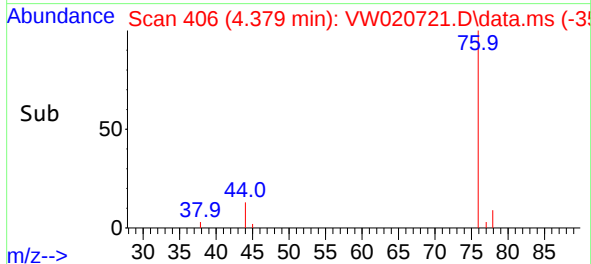
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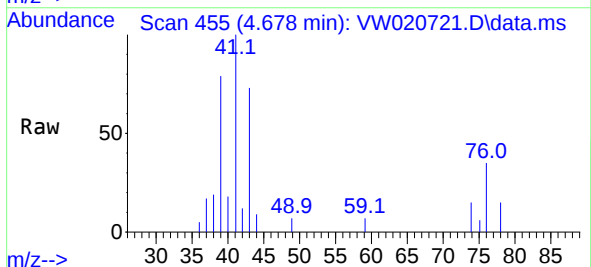
#17
Carbon Disulfide
Concen: 4.224 ug/l
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



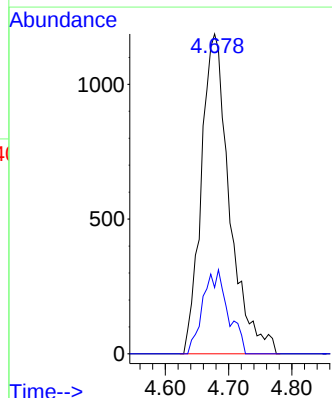
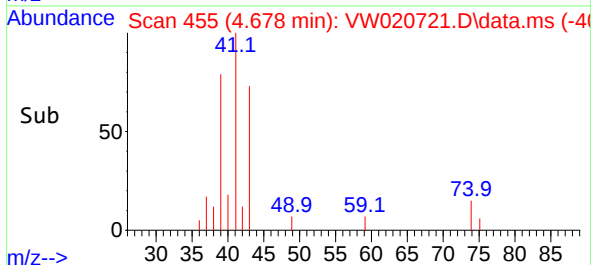
Tgt Ion: 76 Resp: 9508
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 5.078 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



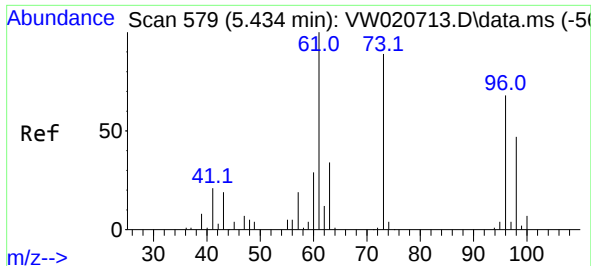
Tgt Ion: 43 Resp: 3693
Ion Ratio Lower Upper
43 100
74 23.3 18.8 28.2



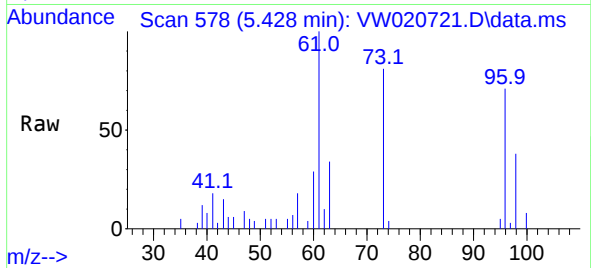
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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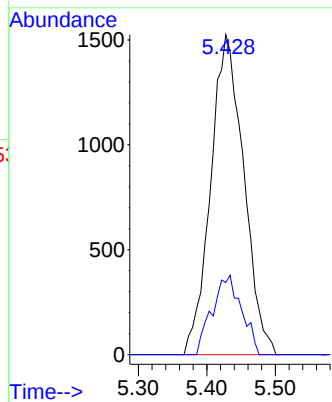
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#19
Methyl tert-butyl Ether
Concen: 4.578 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



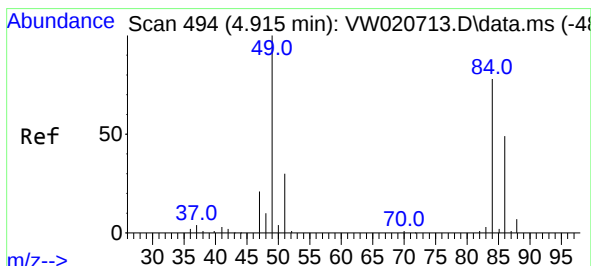
Tgt Ion: 73 Resp: 5102
Ion Ratio Lower Upper
73 100
57 22.6 16.8 25.2



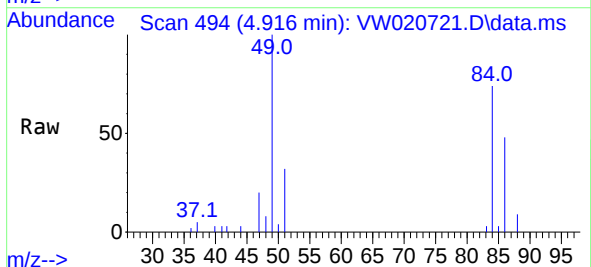
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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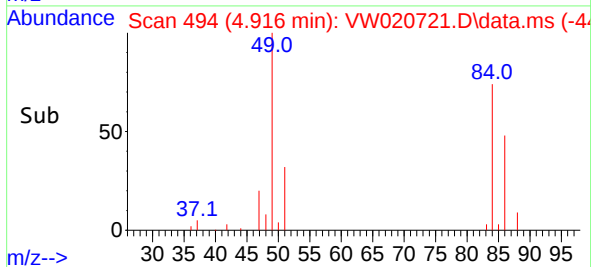
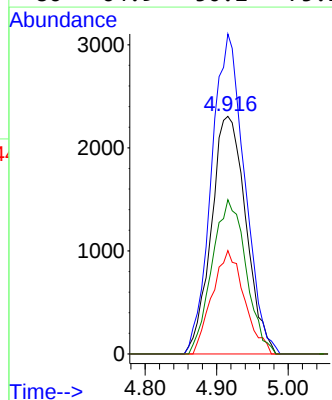
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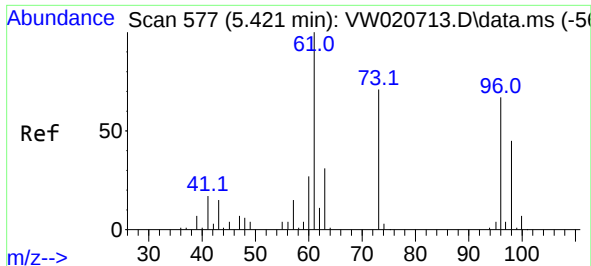


#20
Methylene Chloride
Concen: 7.154 ug/l
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

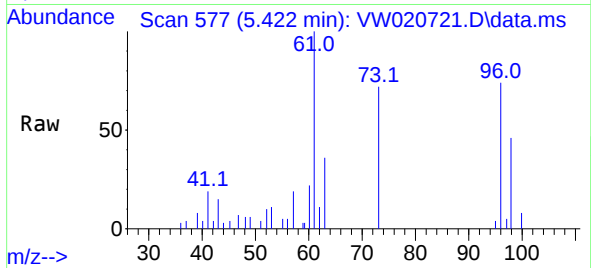


Tgt Ion: 84 Resp: 7727
Ion Ratio Lower Upper
84 100
49 134.6 102.0 153.0
51 43.5 30.6 45.8
86 64.9 50.2 75.2



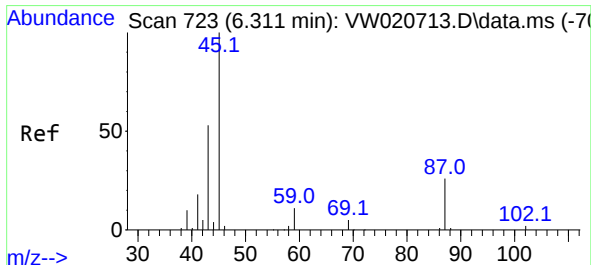
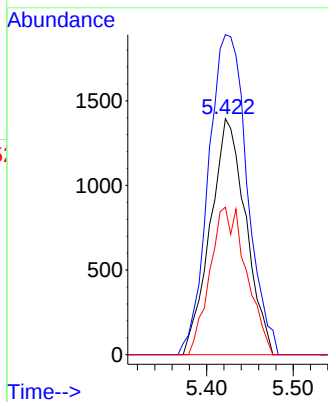
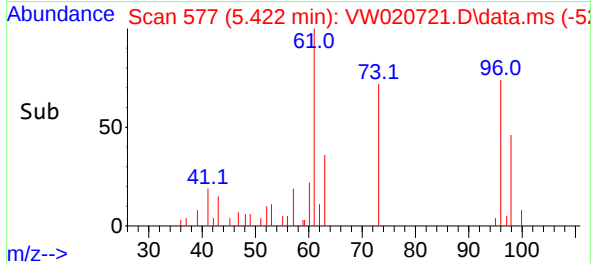


#21
trans-1,2-Dichloroethene
Concen: 4.364 ug/l
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

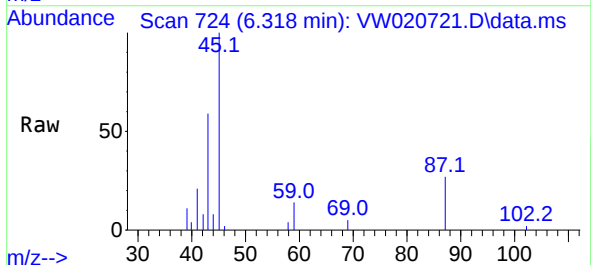


Tgt Ion: 96 Resp: 3969

Ion	Ratio	Lower	Upper
96	100		
61	135.6	119.0	178.6
98	62.5	53.7	80.5

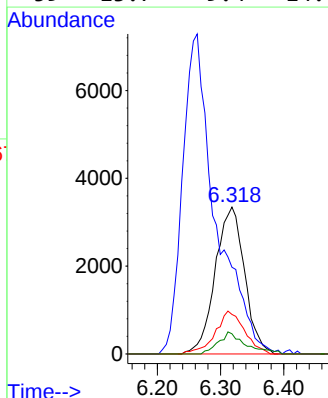
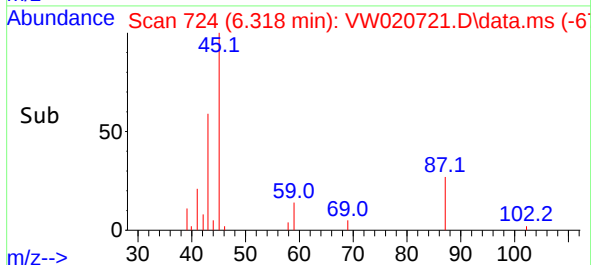


#22
Diisopropyl ether
Concen: 4.131 ug/l
RT: 6.318 min Scan# 724
Delta R.T. 0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



Tgt Ion: 45 Resp: 10777

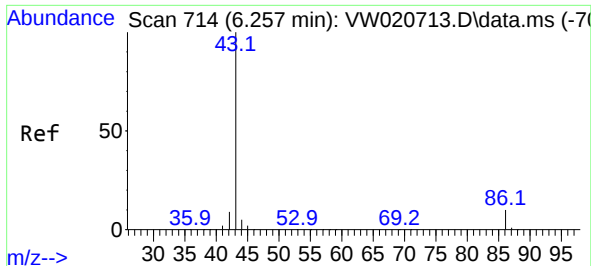
Ion	Ratio	Lower	Upper
45	100		
43	56.5	43.8	65.6
87	26.9	21.6	32.4
59	13.7	9.4	14.0



Instrument :
MSVOA_W
ClientSampleId :
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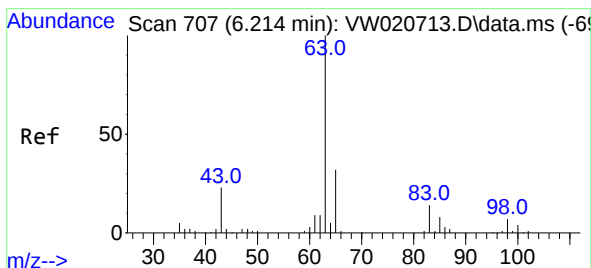
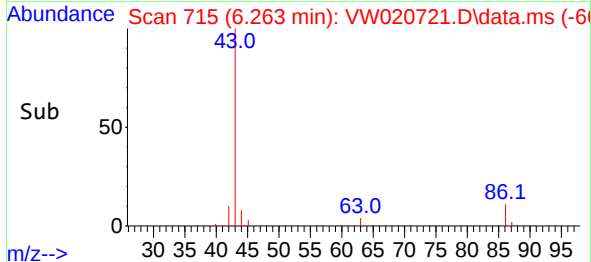
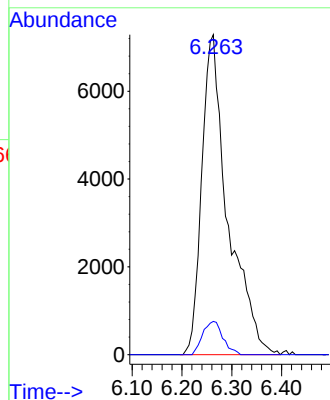
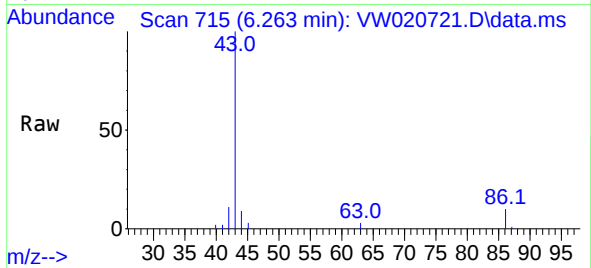
#23
 Vinyl Acetate
 Concen: 18.690 ug/l
 RT: 6.263 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW020721.D
 Acq: 28 Oct 2021 18:20

Tgt Ion: 43 Resp: 26533
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.1 12.1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

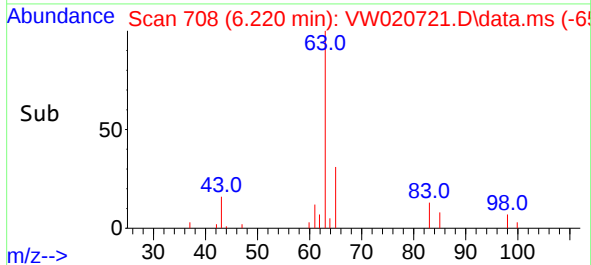
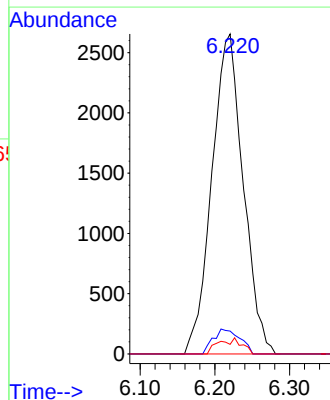
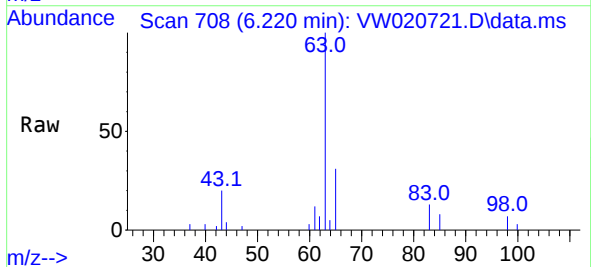
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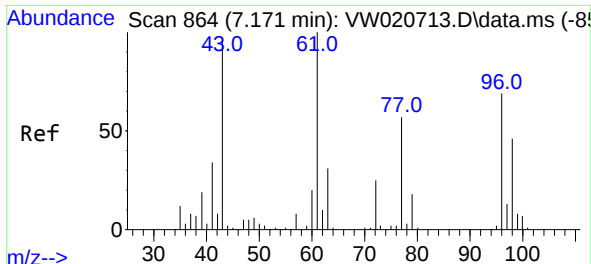
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#24
 1,1-Dichloroethane
 Concen: 4.630 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. 0.006 min
 Lab File: VW020721.D
 Acq: 28 Oct 2021 18:20

Tgt Ion: 63 Resp: 7742
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 3.0 2.1 6.5





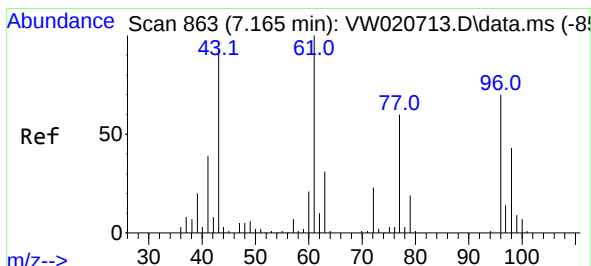
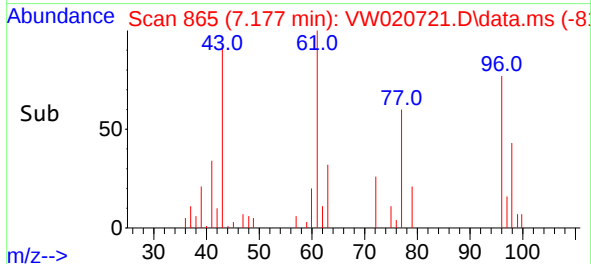
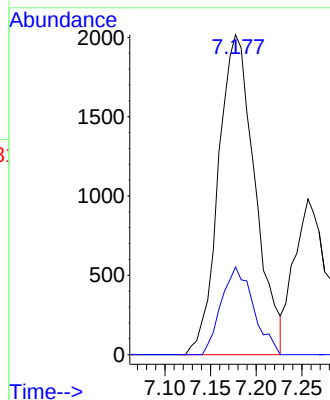
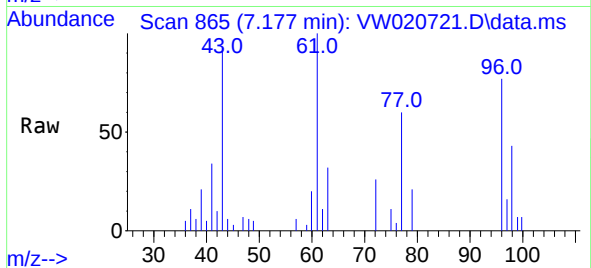
#25
2-Butanone
Concen: 20.465 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion: 43 Resp: 5599
Ion Ratio Lower Upper
43 100
72 27.4 20.4 30.6

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

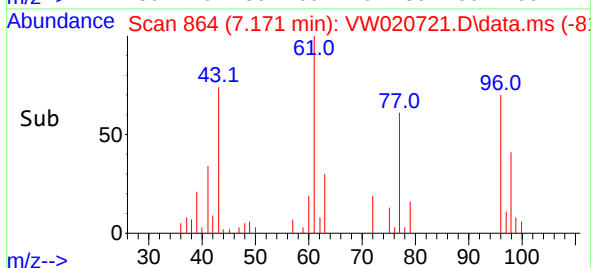
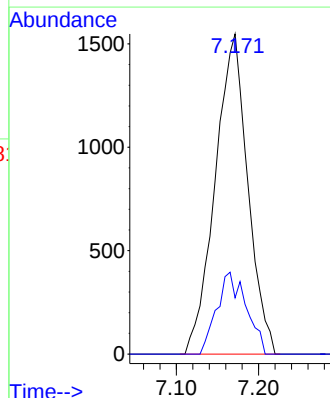
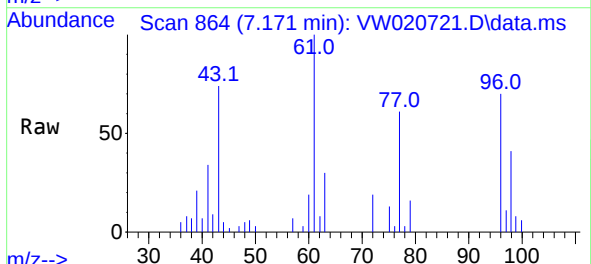
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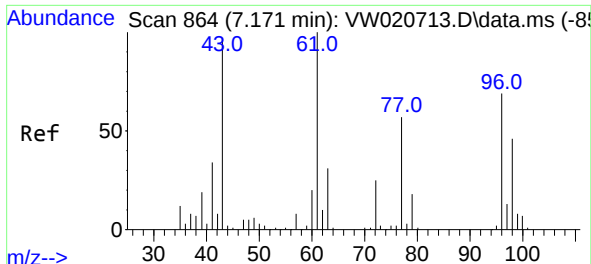
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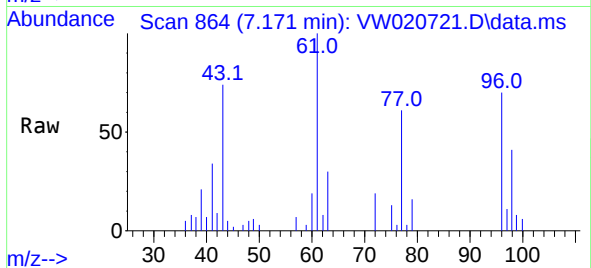
#26
2,2-Dichloropropane
Concen: 4.593 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion: 77 Resp: 4274
Ion Ratio Lower Upper
77 100
97 23.0 11.7 35.0



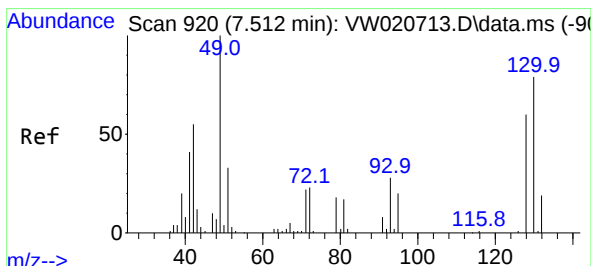
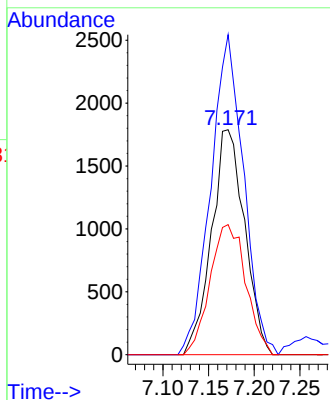
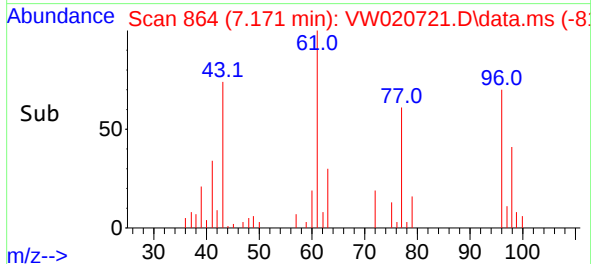


#27
 cis-1,2-Dichloroethene
 Concen: 4.532 ug/l
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW020721.D
 Acq: 28 Oct 2021 18:20

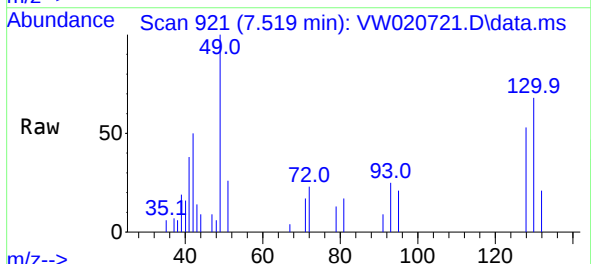


Tgt Ion: 96 Resp: 4509

Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	288.8
98	62.7	0.0	129.2

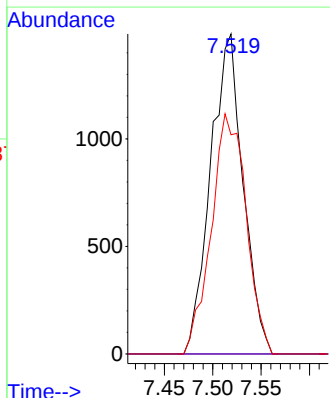
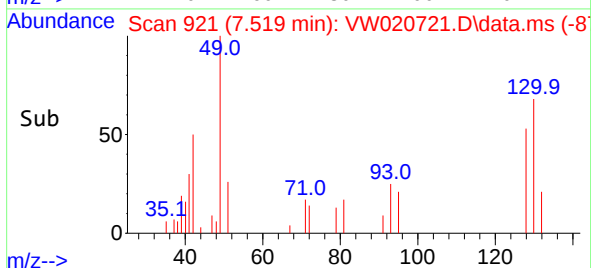


#28
 Bromochloromethane
 Concen: 4.473 ug/l
 RT: 7.519 min Scan# 921
 Delta R.T. 0.006 min
 Lab File: VW020721.D
 Acq: 28 Oct 2021 18:20



Tgt Ion: 49 Resp: 3476

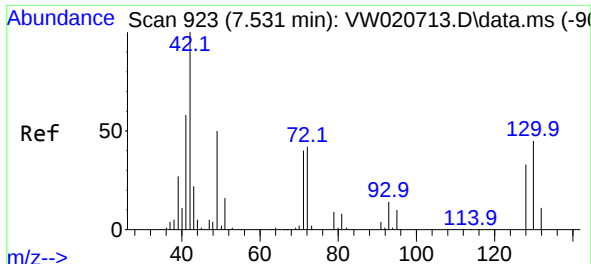
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	80.3	63.7	95.5



Instrument :
 MSVOA_W
 ClientSampleId :
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#29

Tetrahydrofuran

Concen: 20.019 ug/l

RT: 7.543 min Scan# 925

Delta R.T. 0.012 min

Lab File: VW020721.D

Acq: 28 Oct 2021 18:20

Tgt Ion:	42	Resp:	3314
Ion	Ratio	Lower	Upper
42	100		
72	45.3	33.0	49.6
71	38.7	31.5	47.3

Instrument :

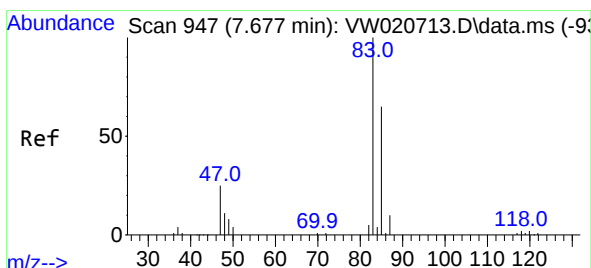
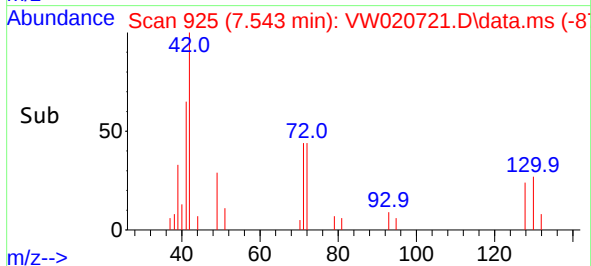
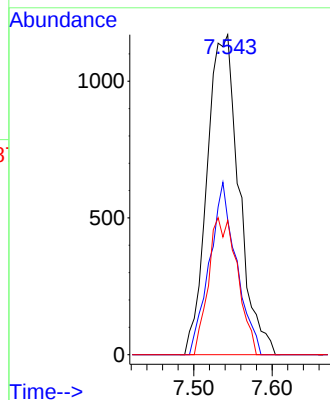
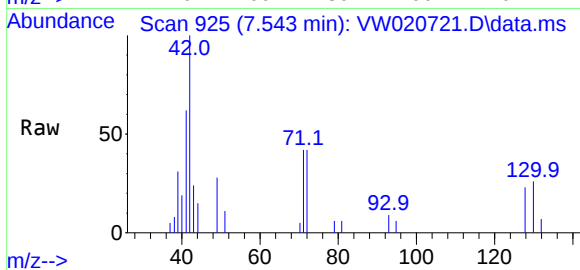
MSVOA_W

ClientSampleId :

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#30

Chloroform

Concen: 4.634 ug/l

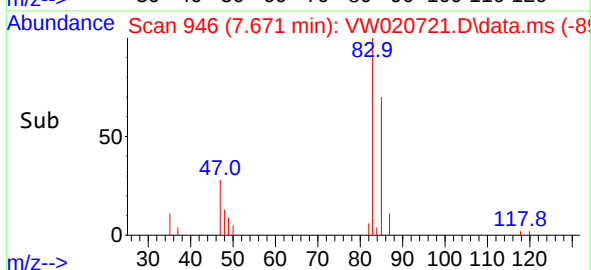
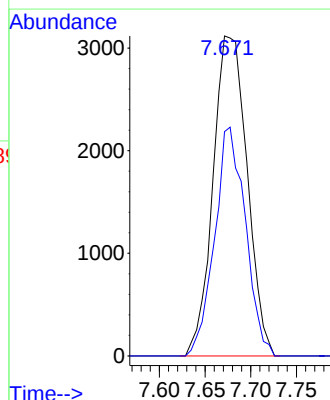
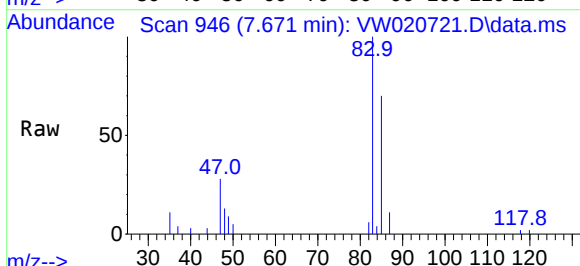
RT: 7.671 min Scan# 946

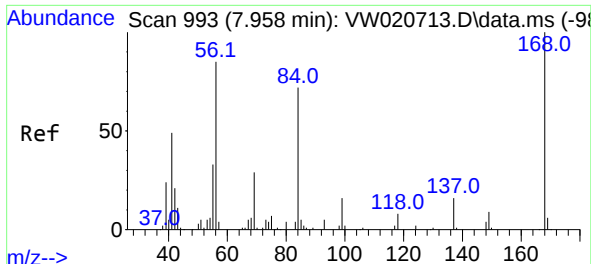
Delta R.T. -0.006 min

Lab File: VW020721.D

Acq: 28 Oct 2021 18:20

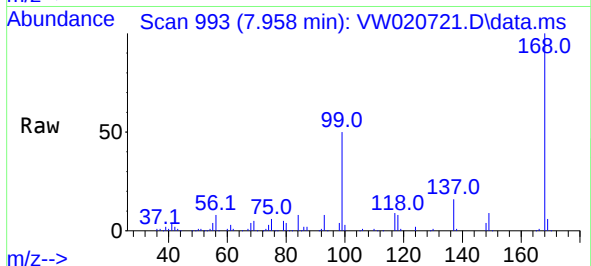
Tgt Ion:	83	Resp:	8091
Ion	Ratio	Lower	Upper
83	100		
85	70.1	51.6	77.4





#31
Cyclohexane
Concen: 4.877 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

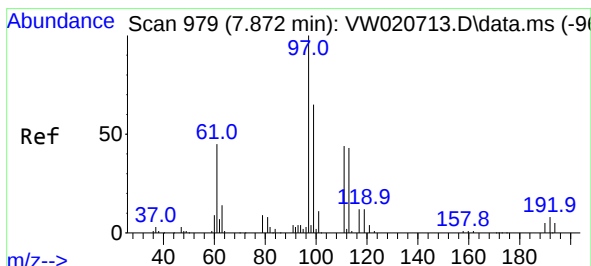
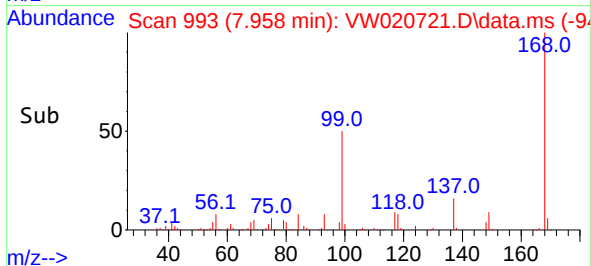
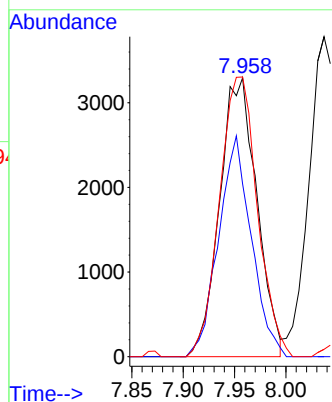
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



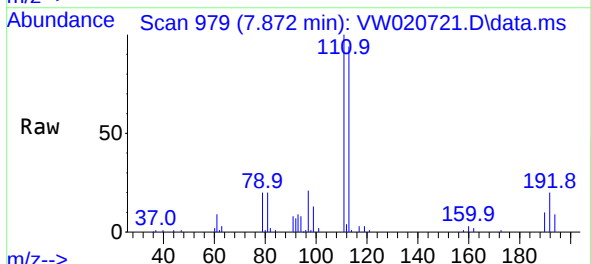
Tgt Ion: 56 Resp: 8312
Ion Ratio Lower Upper
56 100
69 62.0 26.9 40.3#
84 100.3 68.1 102.1

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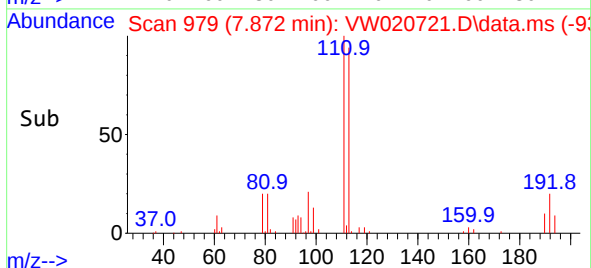
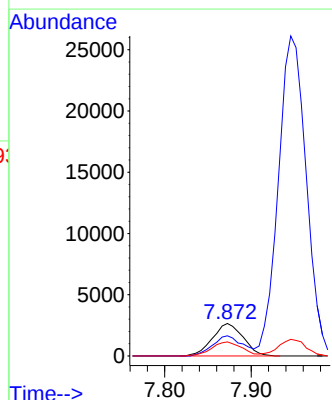
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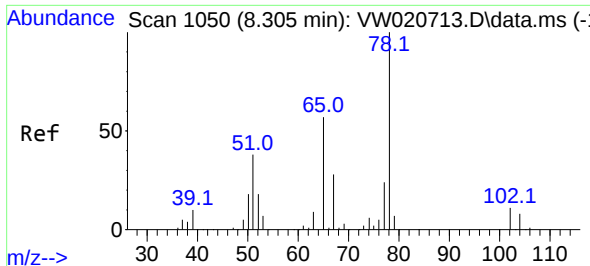


#32
1,1,1-Trichloroethane
Concen: 4.870 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



Tgt Ion: 97 Resp: 6510
Ion Ratio Lower Upper
97 100
99 61.1 51.9 77.9
61 43.0 36.5 54.7





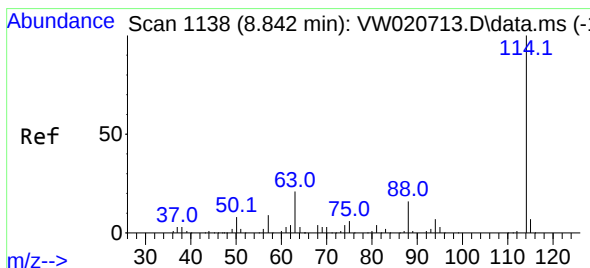
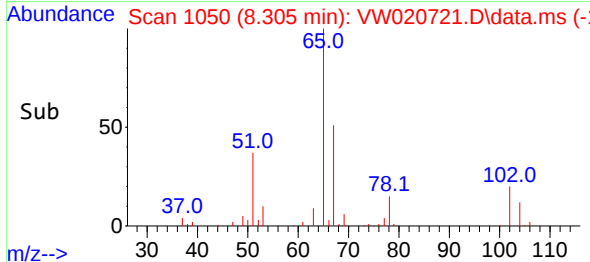
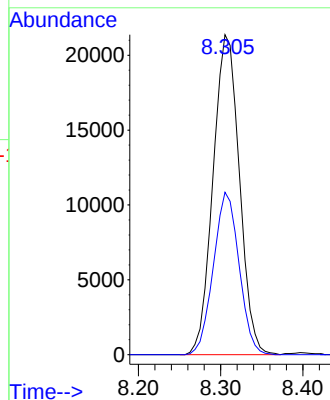
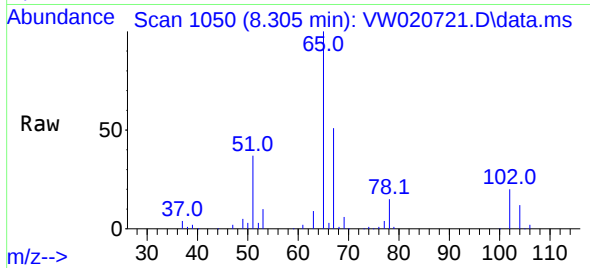
#33
1,2-Dichloroethane-d4
Concen: 46.853 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion: 65 Resp: 47651
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.8

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

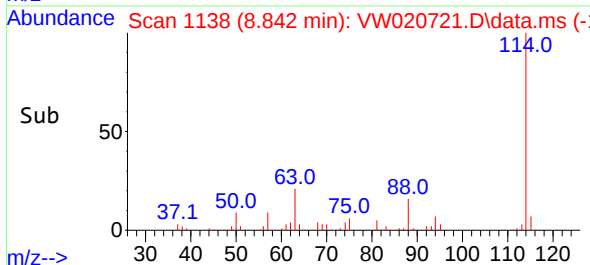
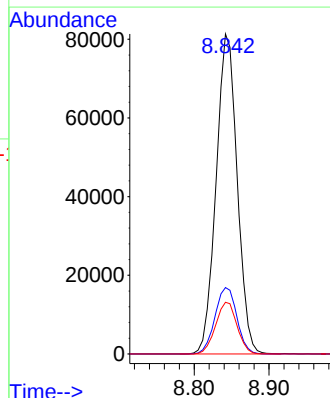
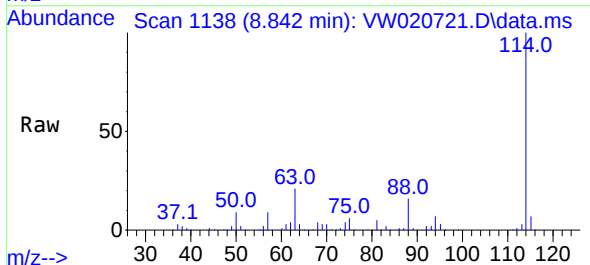
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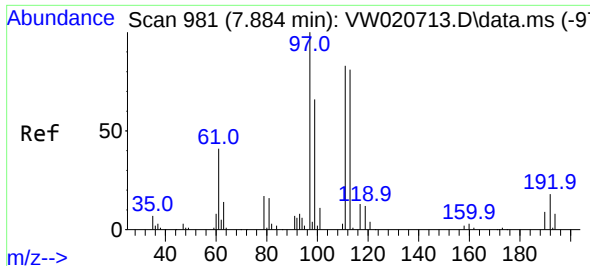
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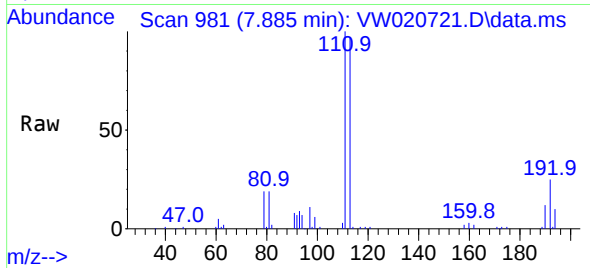
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion: 114 Resp: 159817
Ion Ratio Lower Upper
114 100
63 20.7 0.0 41.4
88 16.1 0.0 32.8



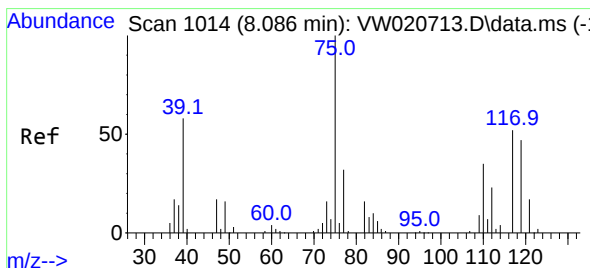
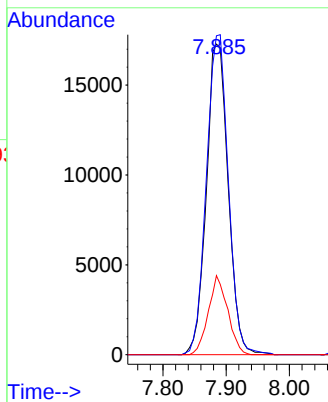
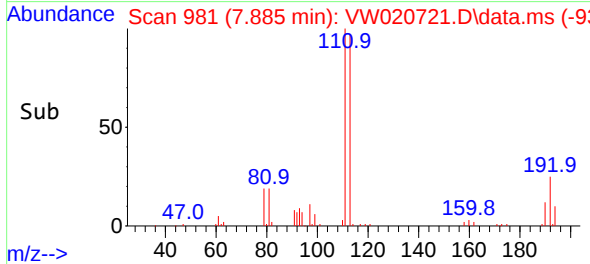


#35
Dibromofluoromethane
Concen: 44.247 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

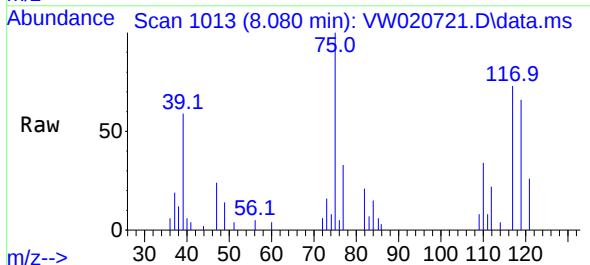


Tgt Ion: 113 Resp: 41483

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.3	123.5
192	22.6	17.7	26.5

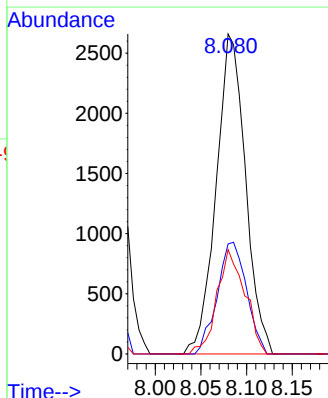
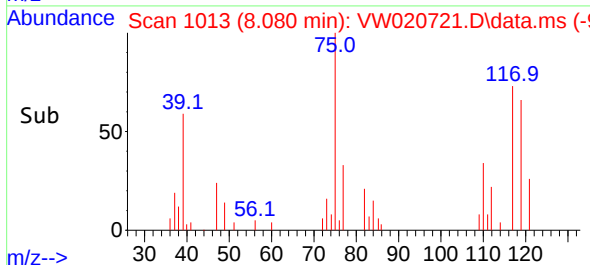


#36
1,1-Dichloropropene
Concen: 4.156 ug/l
RT: 8.080 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



Tgt Ion: 75 Resp: 5926

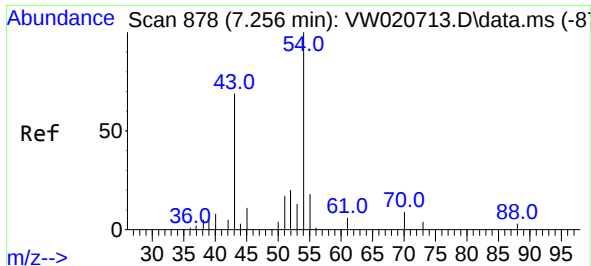
Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.3	52.0
77	31.2	24.8	37.2



Instrument :
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ClientSampleId :
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#37

Ethyl Acetate

Concen: 4.326 ug/l

RT: 7.257 min Scan# 878

Delta R.T. 0.000 min

Lab File: VW020721.D

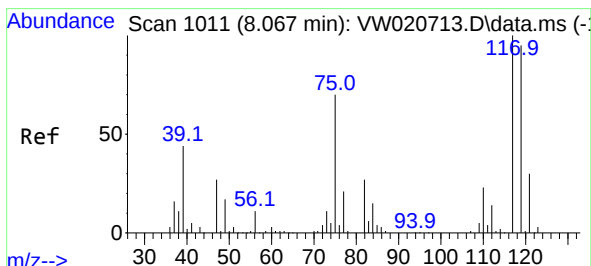
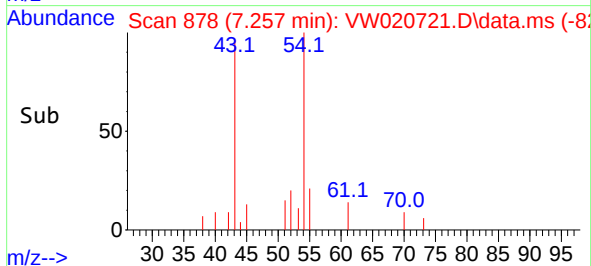
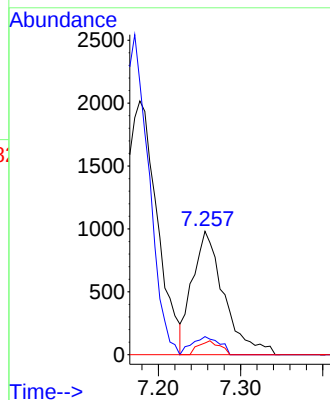
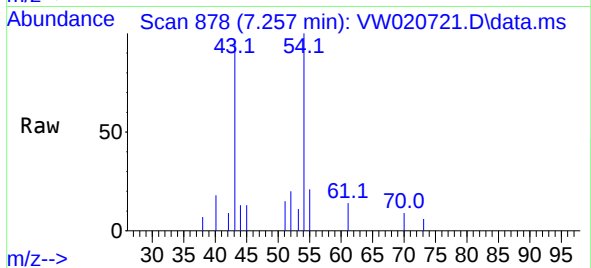
Acq: 28 Oct 2021 18:20

Tgt Ion:	43	Resp:	2632
Ion	Ratio	Lower	Upper
43	100		
61	12.7	11.0	16.4
70	7.6	8.6	13.0

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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#38

Carbon Tetrachloride

Concen: 4.559 ug/l

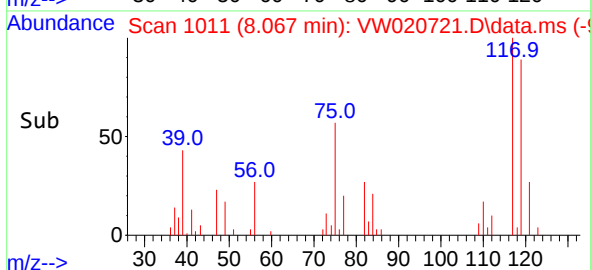
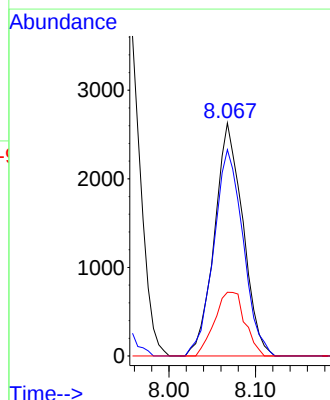
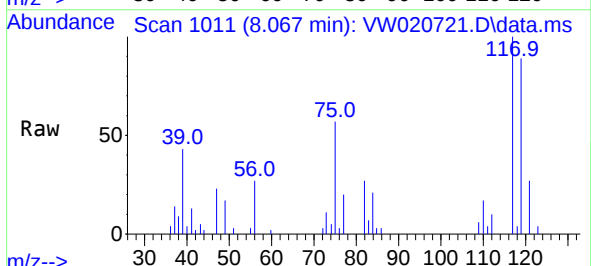
RT: 8.067 min Scan# 1011

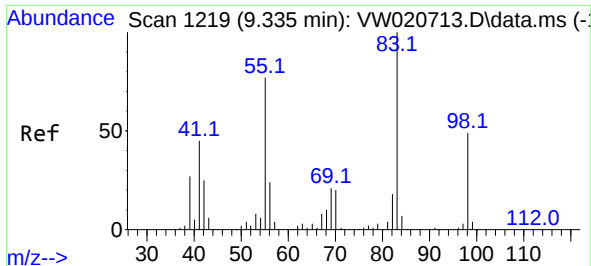
Delta R.T. 0.000 min

Lab File: VW020721.D

Acq: 28 Oct 2021 18:20

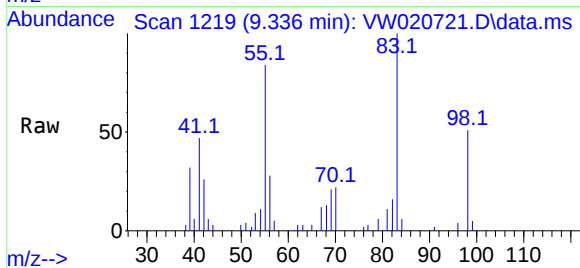
Tgt Ion:	117	Resp:	5986
Ion	Ratio	Lower	Upper
117	100		
119	88.6	76.1	114.1
121	27.4	24.2	36.4





#39
Methylcyclohexane
Concen: 3.904 ug/l
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

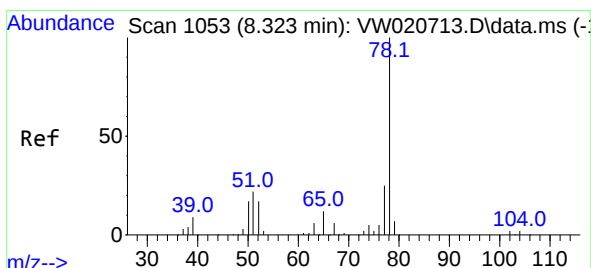
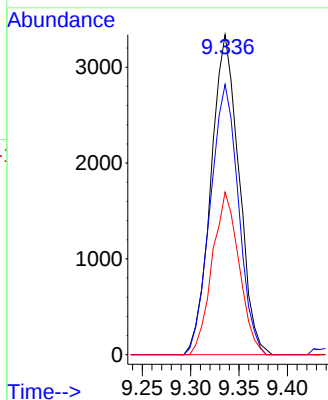
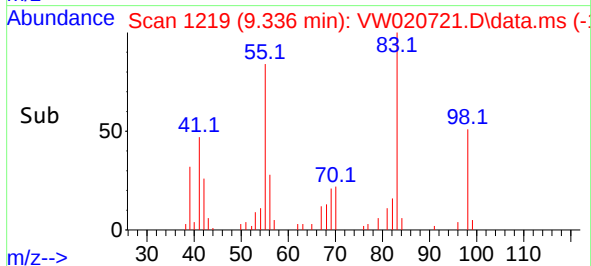
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



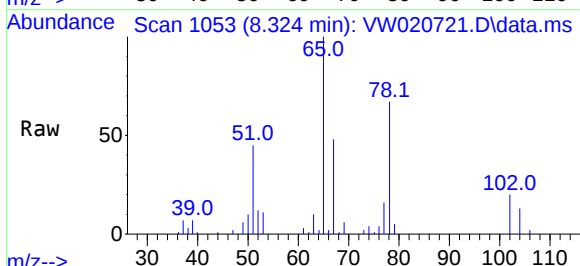
Tgt Ion: 83 Resp: 6725
Ion Ratio Lower Upper
83 100
55 84.4 61.6 92.4
98 50.8 39.0 58.6

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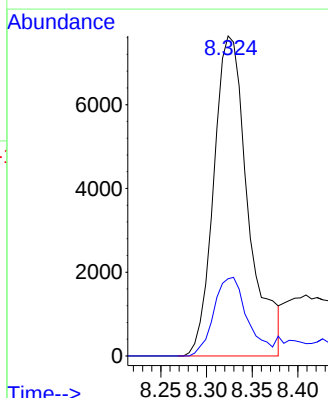
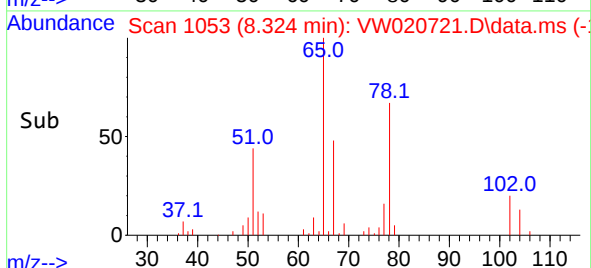
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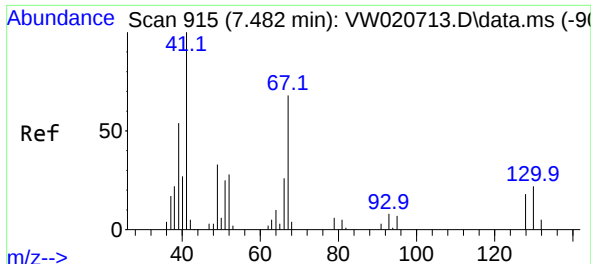


#40
Benzene
Concen: 4.891 ug/l
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



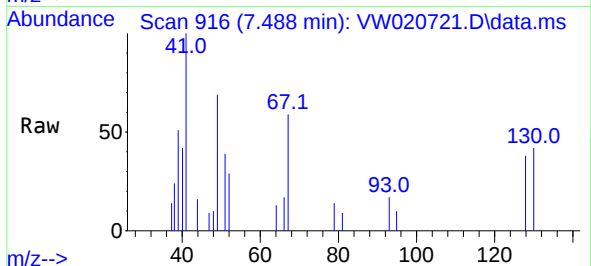
Tgt Ion: 78 Resp: 20012
Ion Ratio Lower Upper
78 100
77 24.1 19.6 29.4





#41
Methacrylonitrile
Concen: 3.808 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

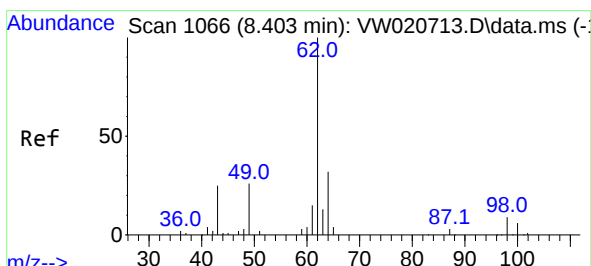
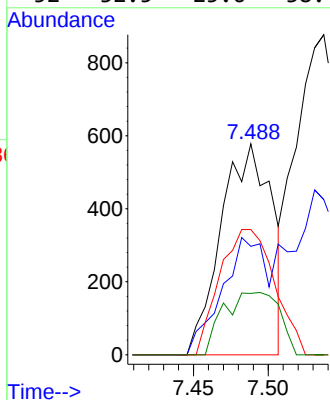
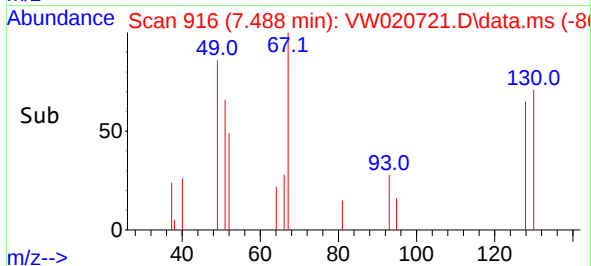
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



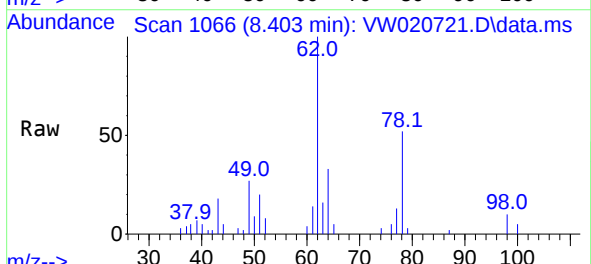
Tgt Ion: 41 Resp: 1363
Ion Ratio Lower Upper
41 100
39 47.9 49.4 74.2#
67 64.0 58.9 88.3
52 32.5 25.6 38.4

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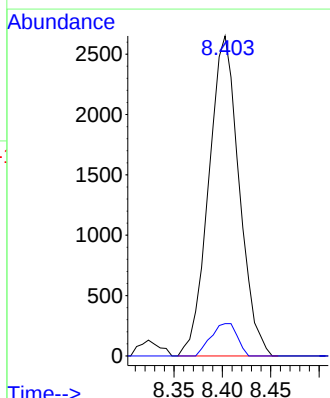
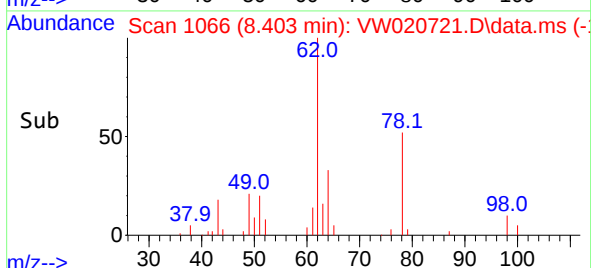
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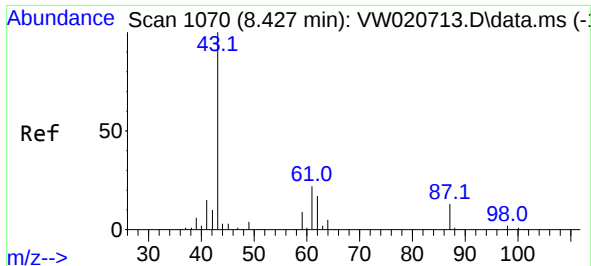


#42
1,2-Dichloroethane
Concen: 4.610 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



Tgt Ion: 62 Resp: 5798
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.8





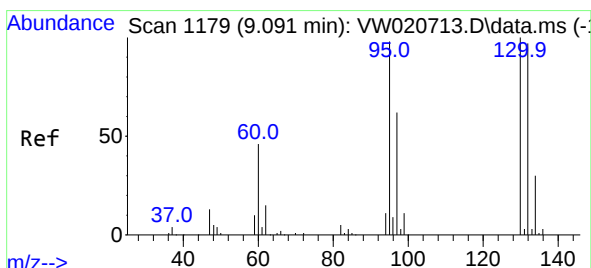
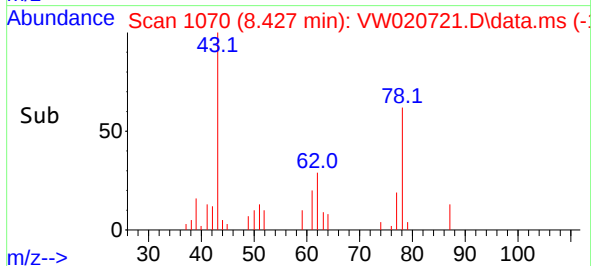
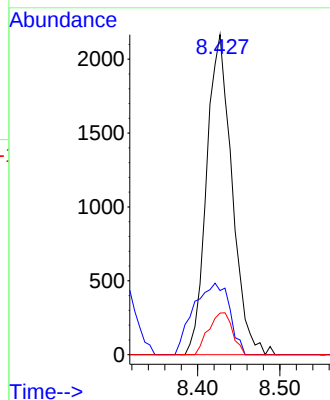
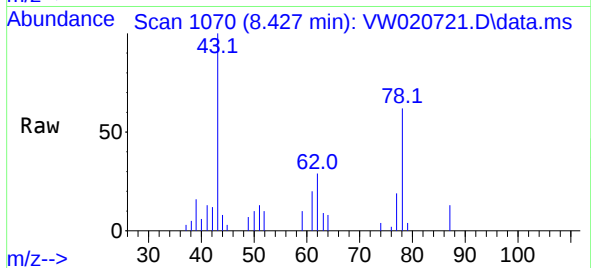
#43
Isopropyl Acetate
Concen: 3.982 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion:	43	Resp:	4641
Ion	Ratio	Lower	Upper
43	100		
61	31.8	24.1	36.1
87	12.3	10.5	15.7

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

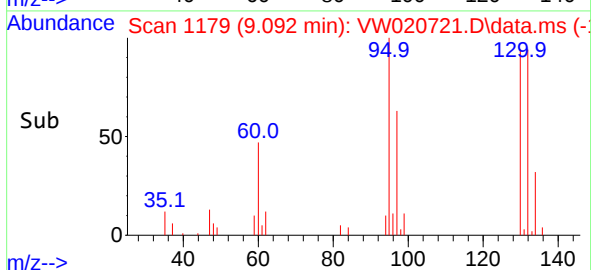
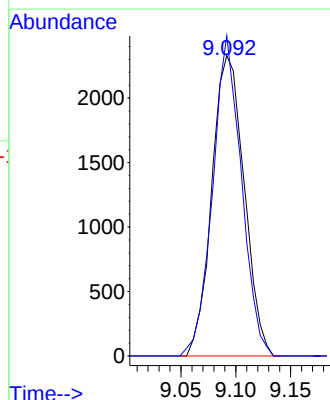
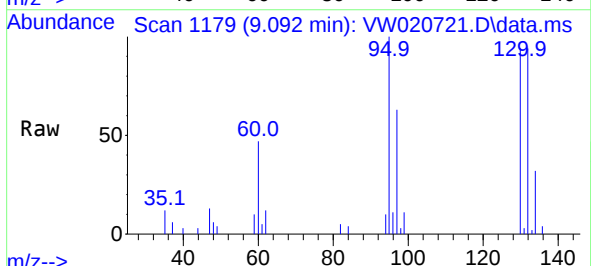
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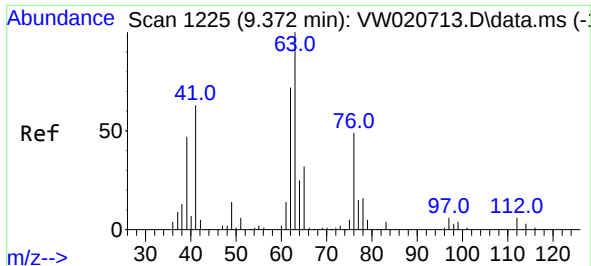
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#44
Trichloroethene
Concen: 4.440 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion:	130	Resp:	4773
Ion	Ratio	Lower	Upper
130	100		
95	106.6	0.0	196.2





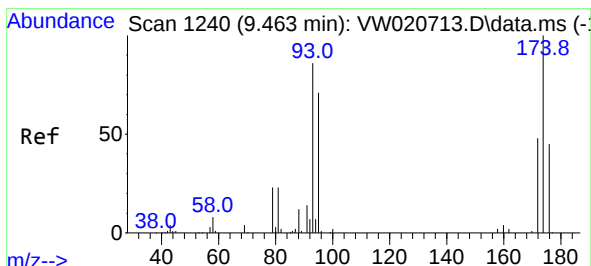
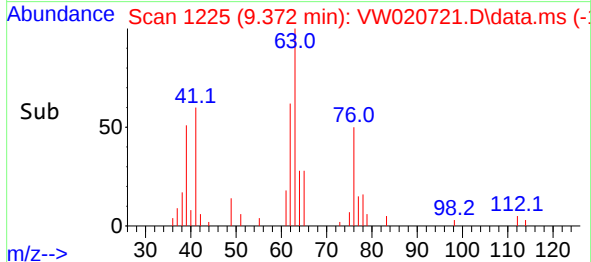
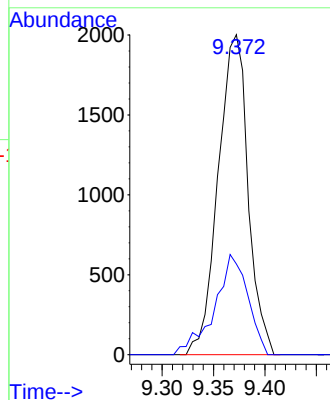
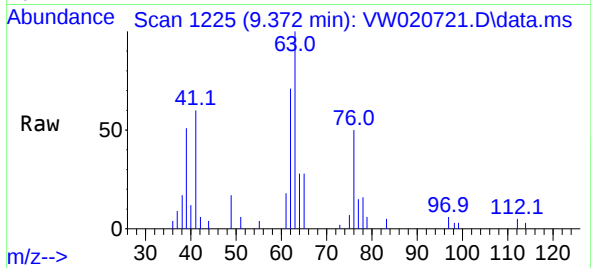
#45
1,2-Dichloropropane
Concen: 4.193 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion: 63 Resp: 4047
Ion Ratio Lower Upper
63 100
65 28.4 25.2 37.8

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

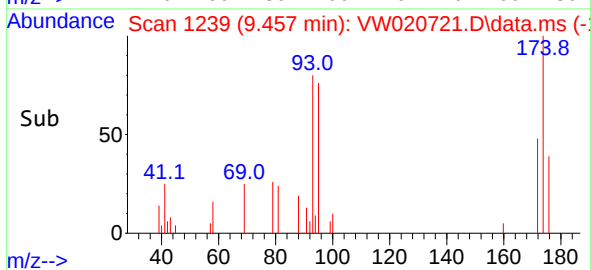
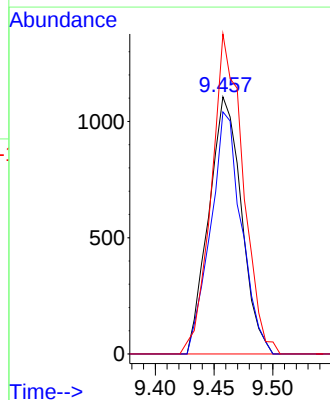
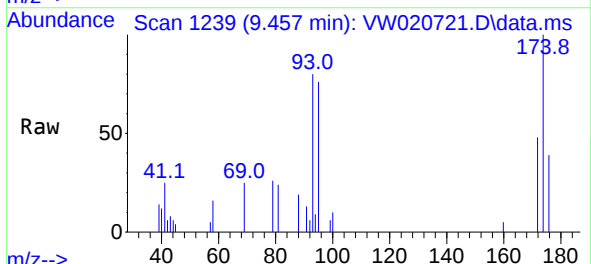
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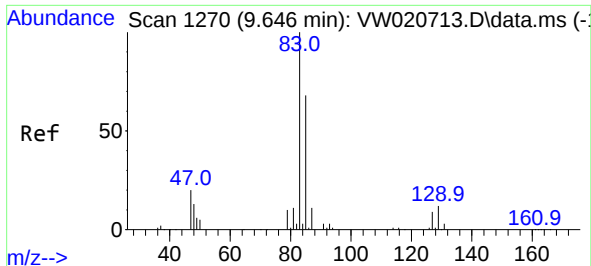
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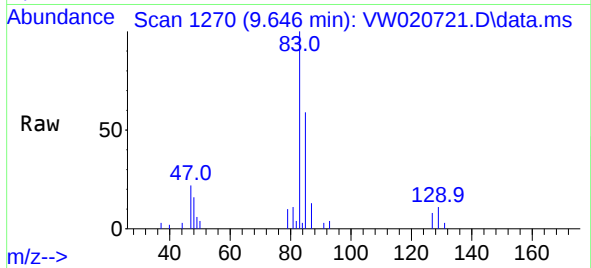
#46
Dibromomethane
Concen: 4.062 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion: 93 Resp: 2130
Ion Ratio Lower Upper
93 100
95 89.3 66.7 100.1
174 120.9 90.4 135.6



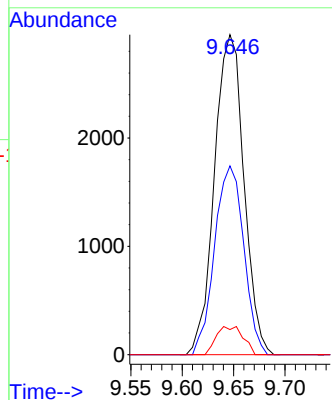


#47
Bromodichloromethane
Concen: 4.421 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



Tgt Ion: 83 Resp: 5886

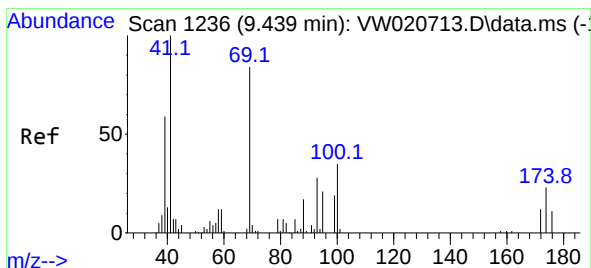
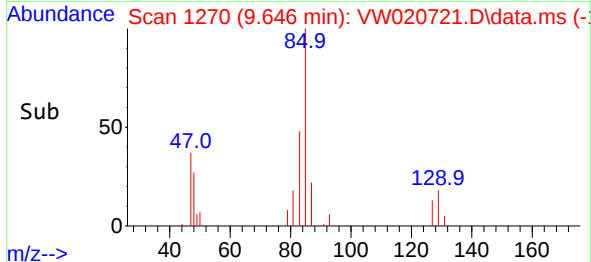
Ion	Ratio	Lower	Upper
83	100		
85	59.0	54.0	81.0
127	7.9	7.0	10.6



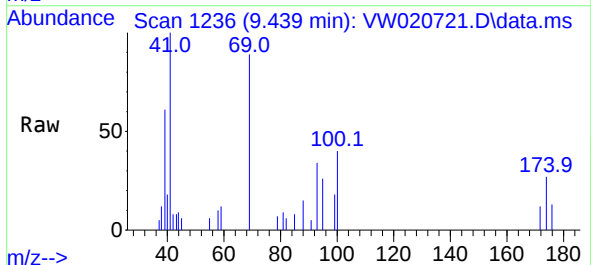
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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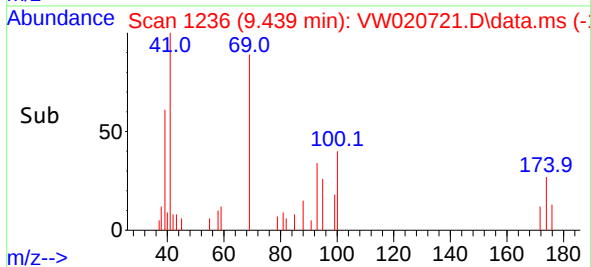
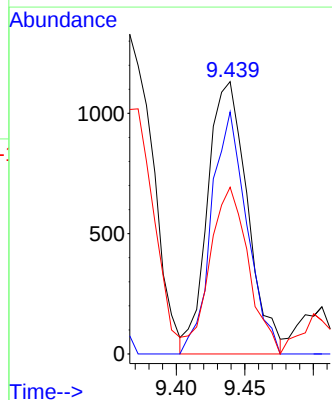


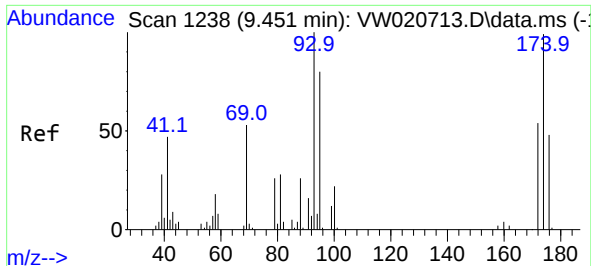
#48
Methyl methacrylate
Concen: 4.009 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



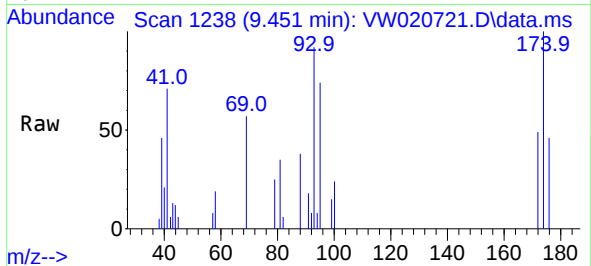
Tgt Ion: 41 Resp: 2288

Ion	Ratio	Lower	Upper
41	100		
69	79.2	67.4	101.0
39	59.2	47.2	70.8



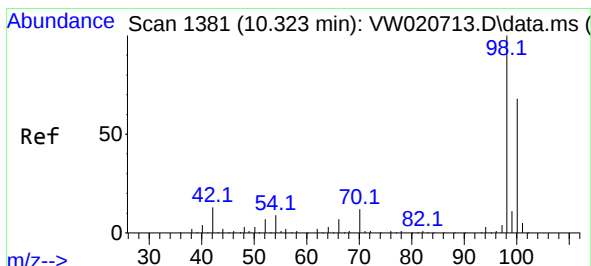
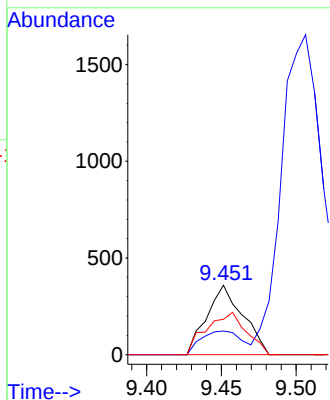
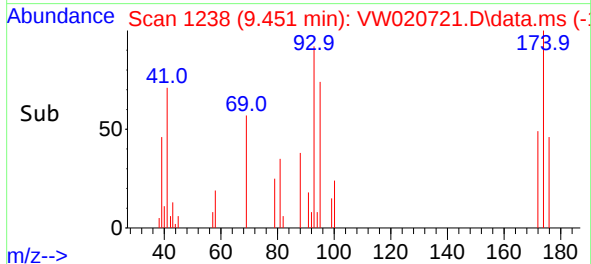


#49
1,4-Dioxane
Concen: 86.729 ug/l
RT: 9.451 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

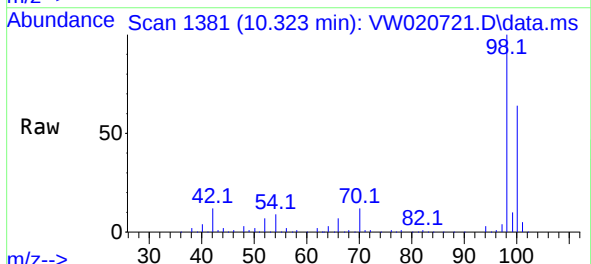


Tgt Ion: 88 Resp: 603

Ion	Ratio	Lower	Upper
88	100		
43	38.8	29.1	43.7
58	67.2	58.6	88.0

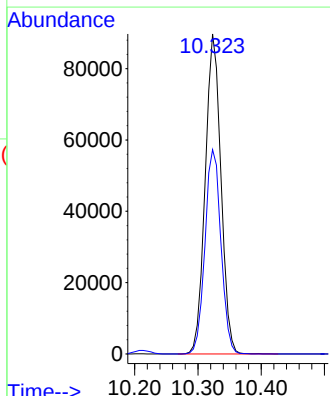
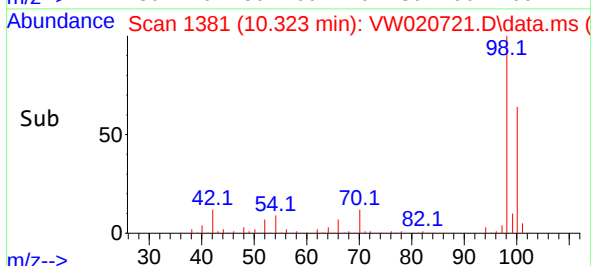


#50
Toluene-d8
Concen: 44.128 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



Tgt Ion: 98 Resp: 155256

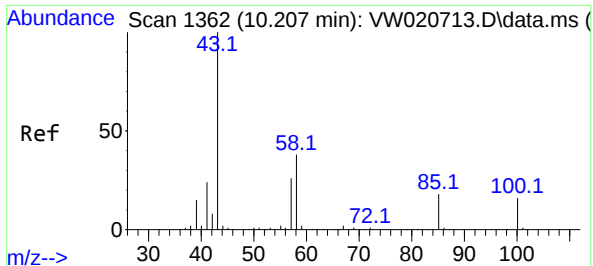
Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.0	79.4



Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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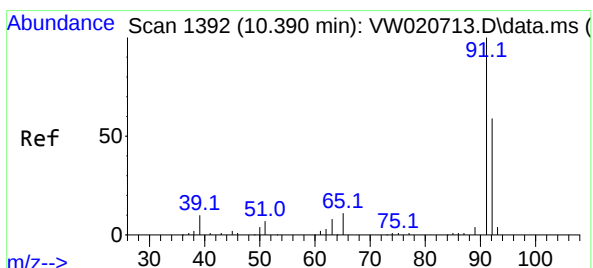
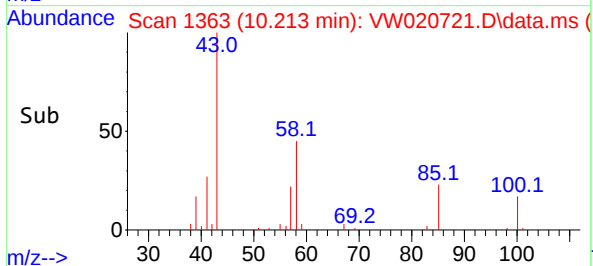
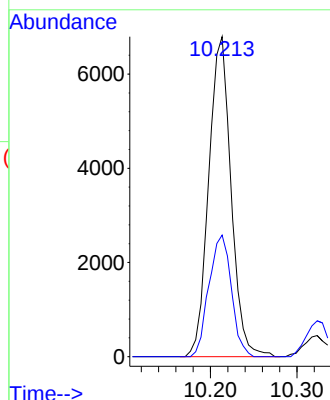
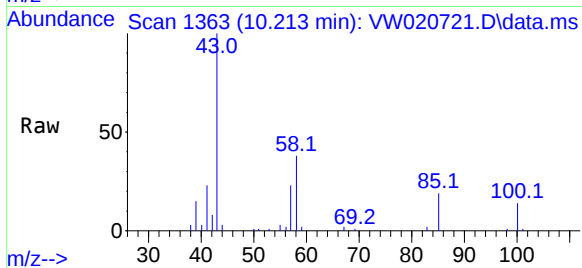
#51
4-Methyl-2-Pentanone
Concen: 19.969 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion: 43 Resp: 12174
Ion Ratio Lower Upper
43 100
58 38.1 31.0 46.4

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

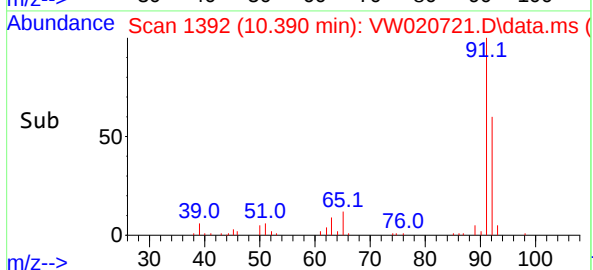
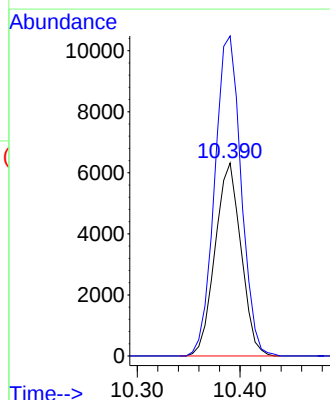
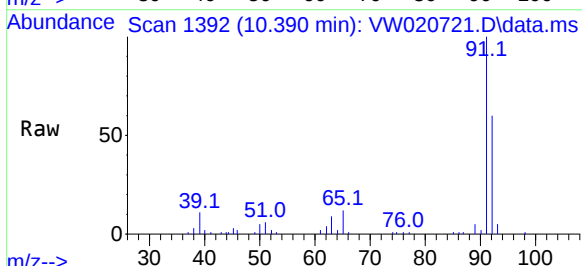
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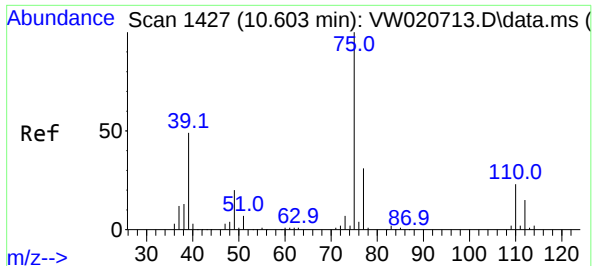
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#52
Toluene
Concen: 4.424 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion: 92 Resp: 11064
Ion Ratio Lower Upper
92 100
91 169.3 135.4 203.2





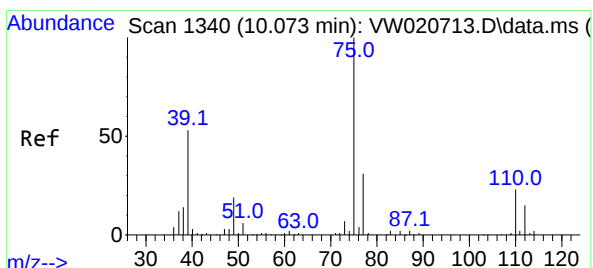
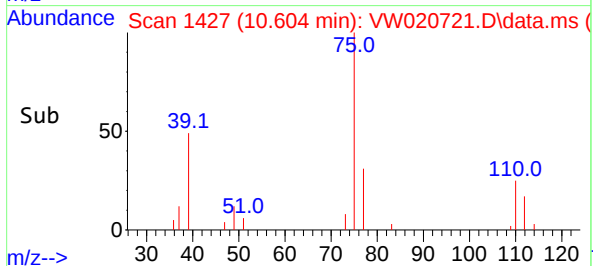
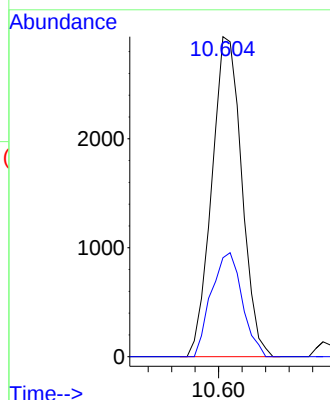
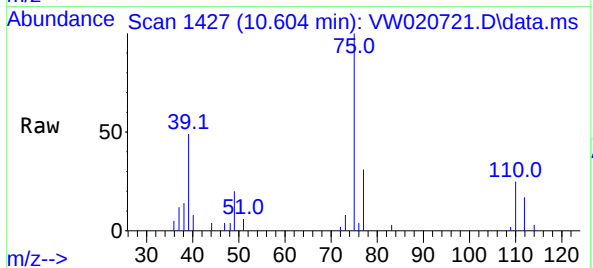
#53
t-1,3-Dichloropropene
Concen: 3.873 ug/l
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion: 75 Resp: 5195
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.6

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

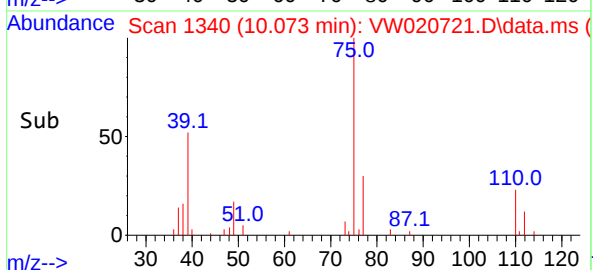
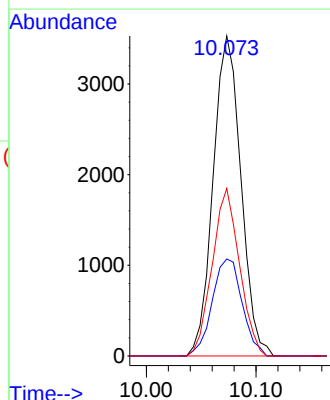
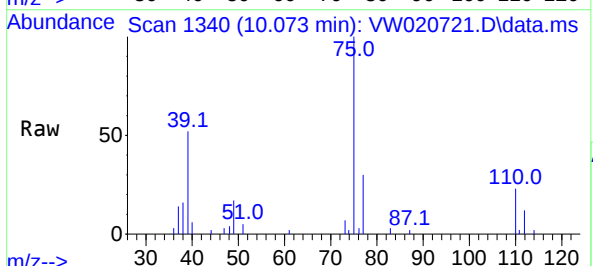
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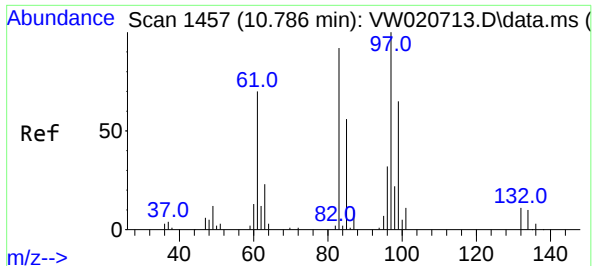
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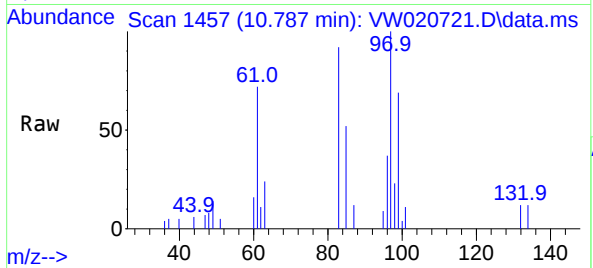
#54
cis-1,3-Dichloropropene
Concen: 4.024 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion: 75 Resp: 6209
Ion Ratio Lower Upper
75 100
77 30.3 24.9 37.3
39 52.4 42.6 63.8



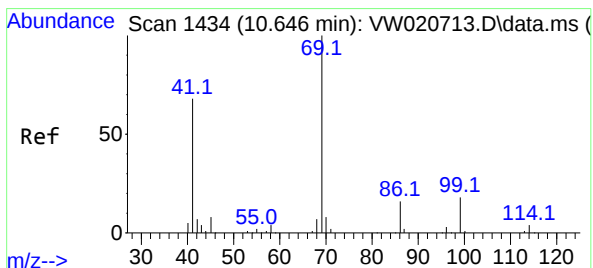
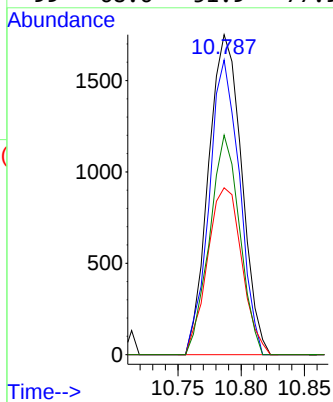
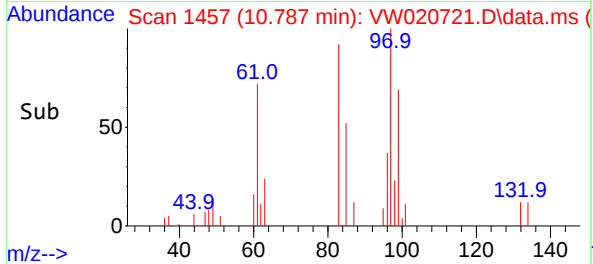


#55
1,1,2-Trichloroethane
Concen: 4.358 ug/l
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

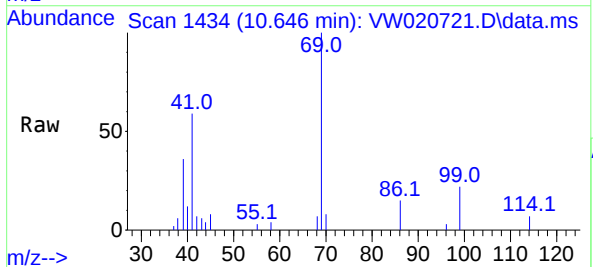


Tgt Ion: 97 Resp: 3188

Ion	Ratio	Lower	Upper
97	100		
83	92.1	73.9	110.9
85	52.1	44.8	67.2
99	68.6	51.9	77.9

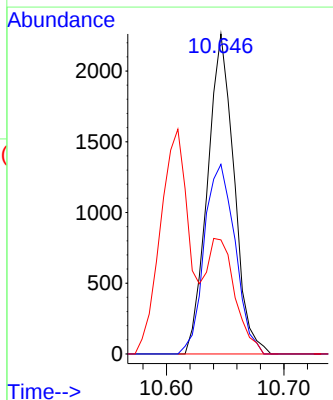
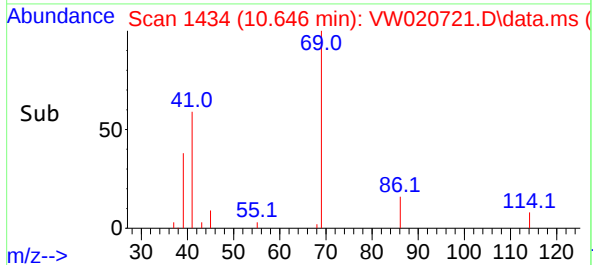


#56
Ethyl methacrylate
Concen: 3.892 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



Tgt Ion: 69 Resp: 3556

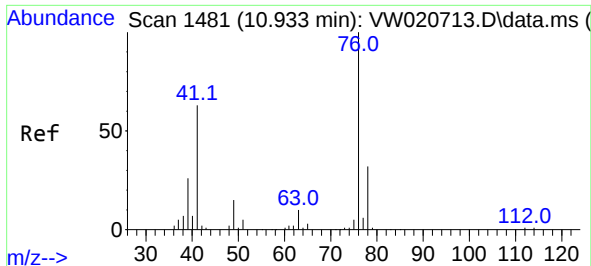
Ion	Ratio	Lower	Upper
69	100		
41	68.7	55.5	83.3
39	38.4	29.6	44.4



Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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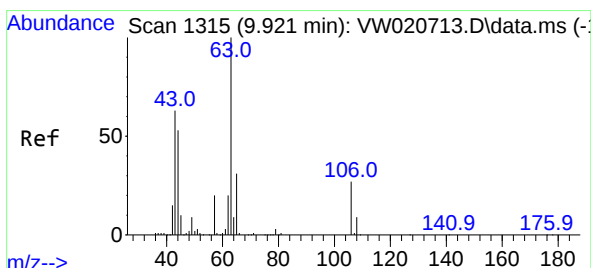
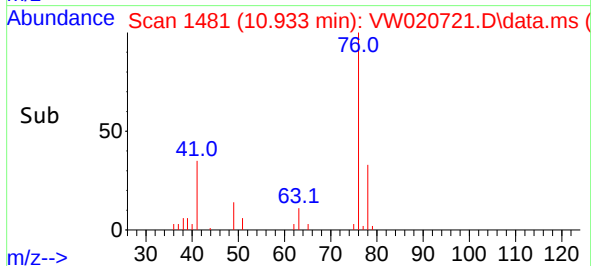
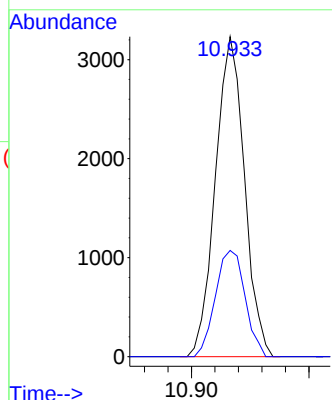
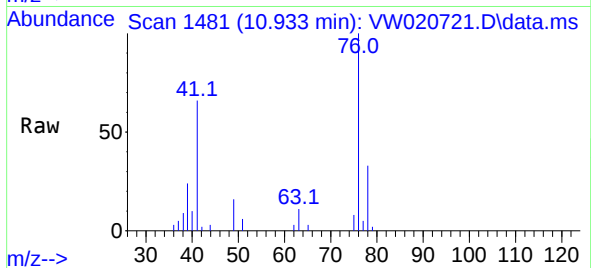
#57
1,3-Dichloropropane
Concen: 4.352 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion: 76 Resp: 5553
Ion Ratio Lower Upper
76 100
78 33.8 25.7 38.5

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

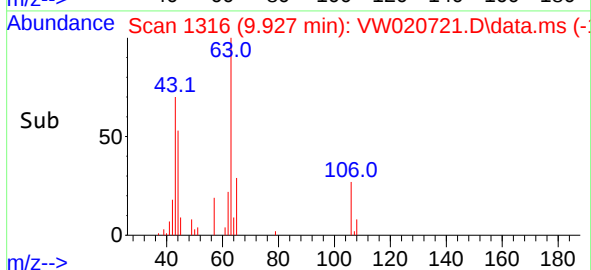
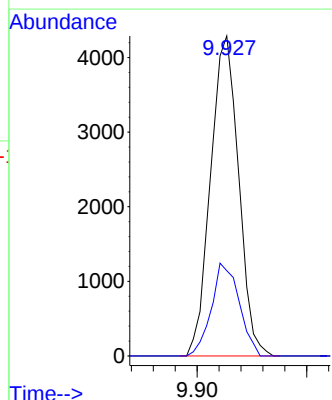
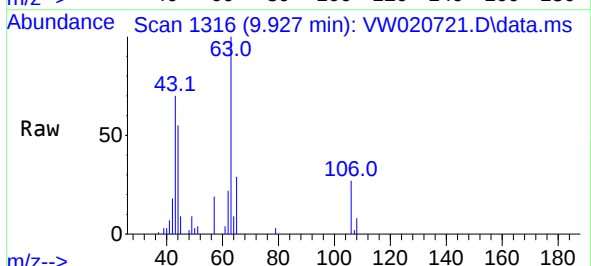
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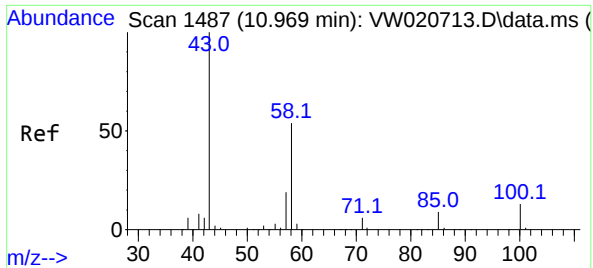
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#58
2-Chloroethyl Vinyl ether
Concen: 17.587 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion: 63 Resp: 7620
Ion Ratio Lower Upper
63 100
106 28.7 23.1 34.7





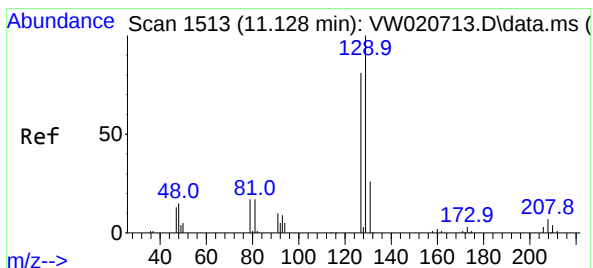
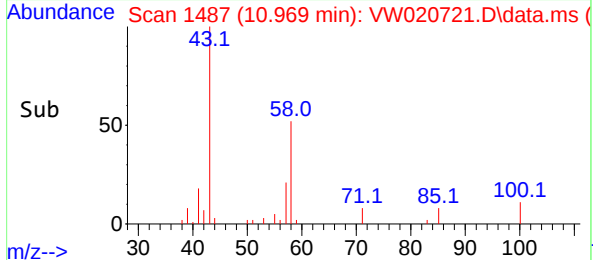
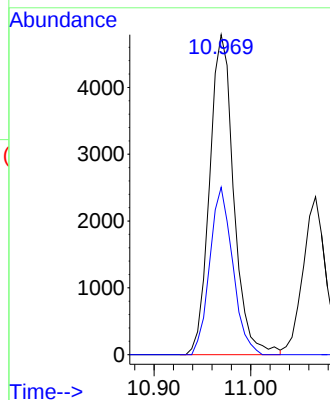
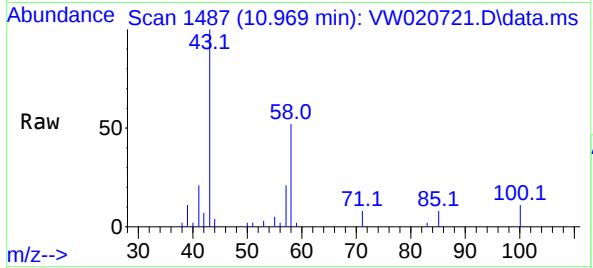
#59
2-Hexanone
Concen: 19.249 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion: 43 Resp: 8299
Ion Ratio Lower Upper
43 100
58 49.8 26.7 80.0

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

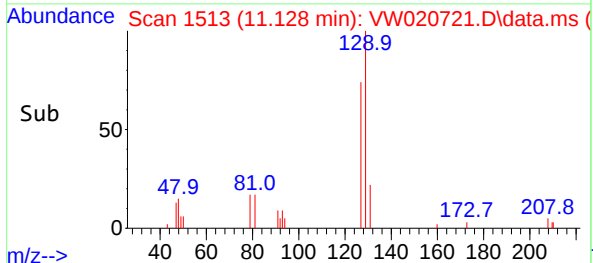
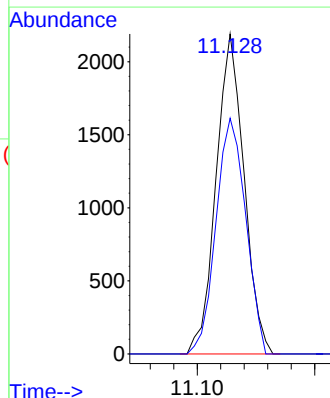
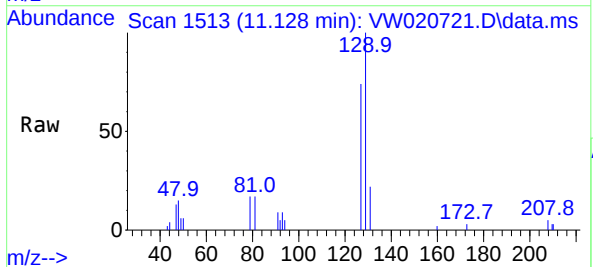
Manual Integrations
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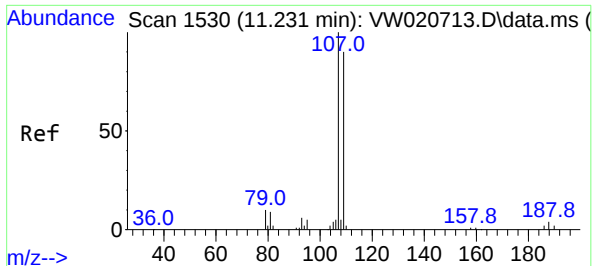
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#60
Dibromochloromethane
Concen: 4.141 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

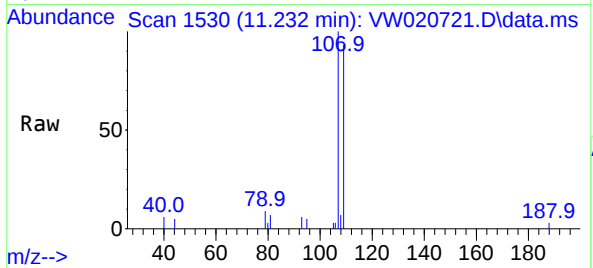
Tgt Ion:129 Resp: 3620
Ion Ratio Lower Upper
129 100
127 78.4 39.3 117.9





#61
1,2-Dibromoethane
Concen: 4.375 ug/l
RT: 11.232 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

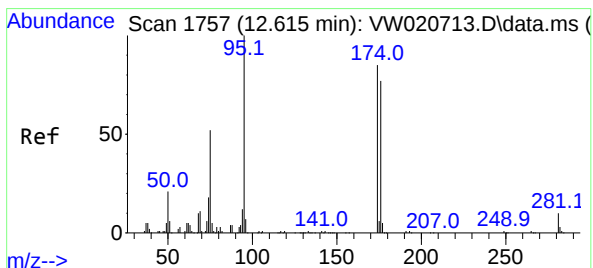
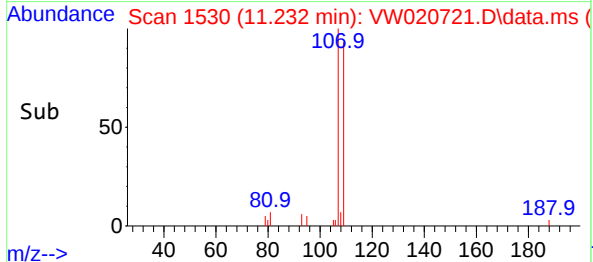
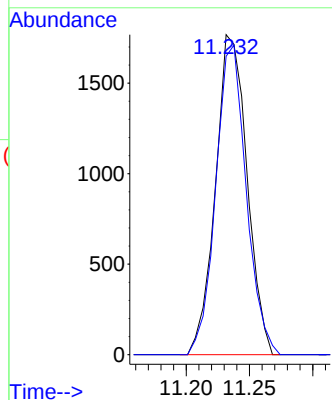
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



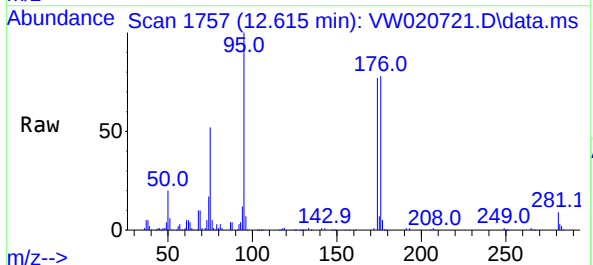
Tgt Ion:107 Resp: 3063
Ion Ratio Lower Upper
107 100
109 93.6 74.9 112.3

Manual Integrations
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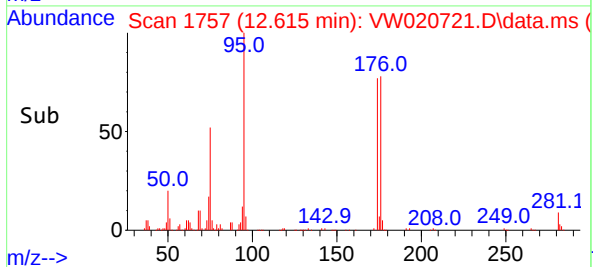
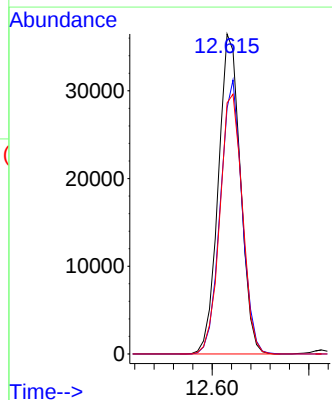
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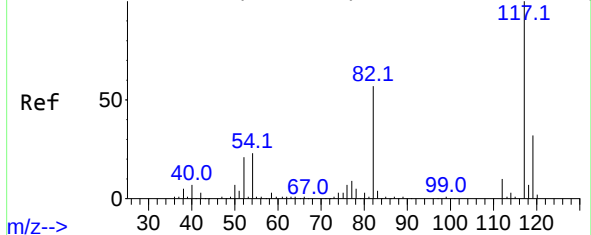
#62
4-Bromofluorobenzene
Concen: 43.454 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



Tgt Ion: 95 Resp: 57678
Ion Ratio Lower Upper
95 100
174 83.9 0.0 171.0
176 82.7 0.0 165.0



Abundance Scan 1596 (11.634 min): VW020713.D\data.ms (



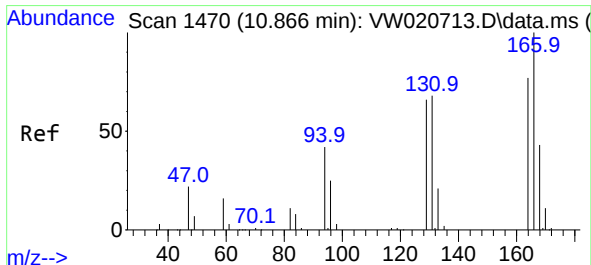
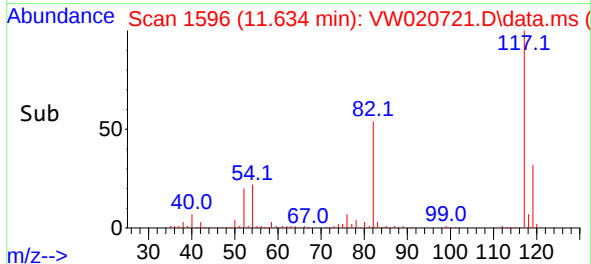
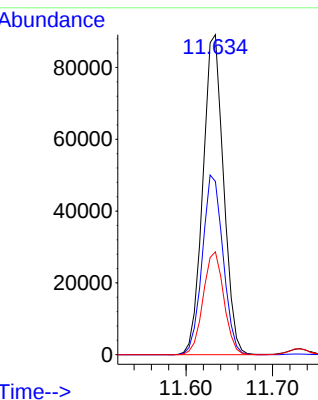
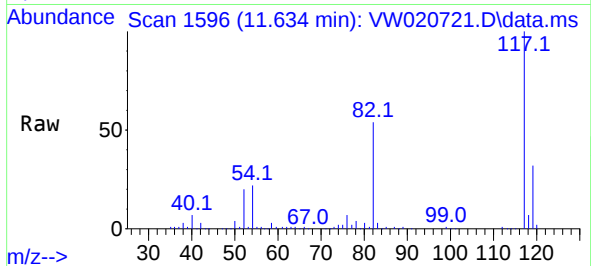
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion:117 Resp: 147722
Ion Ratio Lower Upper
117 100
82 54.1 45.7 68.5
119 32.2 25.4 38.2

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

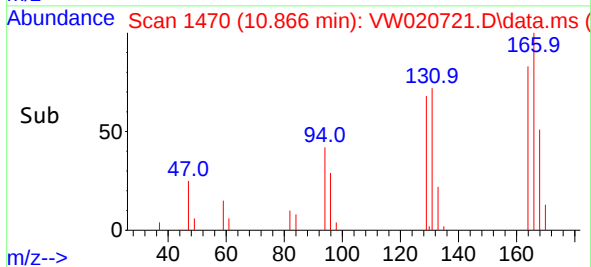
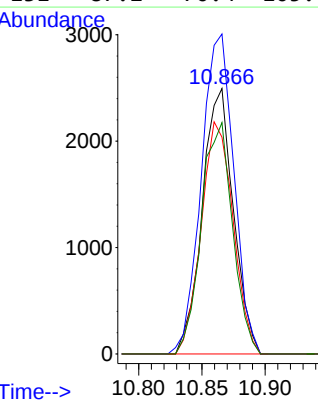
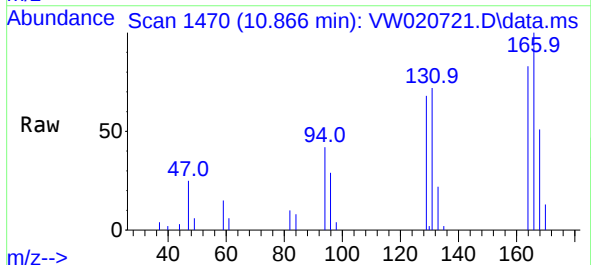
Manual Integrations
APPROVED

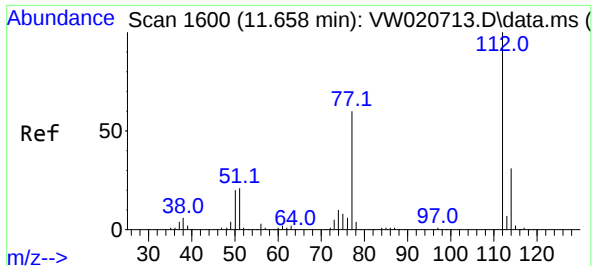
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#64
Tetrachloroethene
Concen: 4.544 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

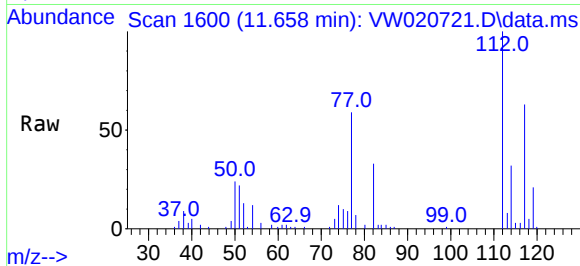
Tgt Ion:164 Resp: 4275
Ion Ratio Lower Upper
164 100
166 120.6 104.1 156.1
129 81.7 68.5 102.7
131 87.2 70.4 105.6





#65
Chlorobenzene
Concen: 4.545 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

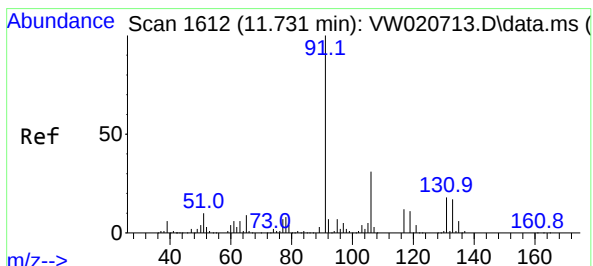
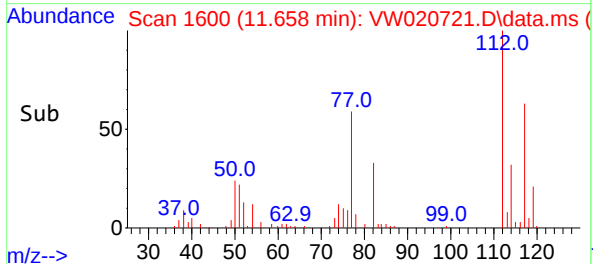
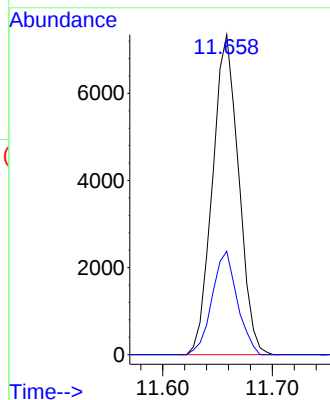
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



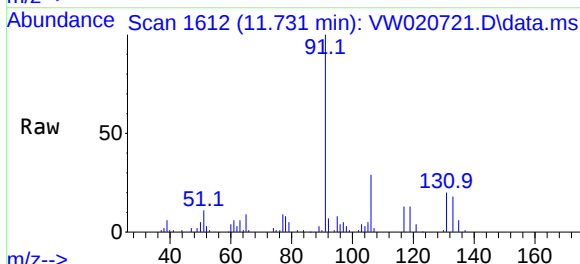
Tgt Ion:112 Resp: 12174
Ion Ratio Lower Upper
112 100
114 32.3 25.2 37.8

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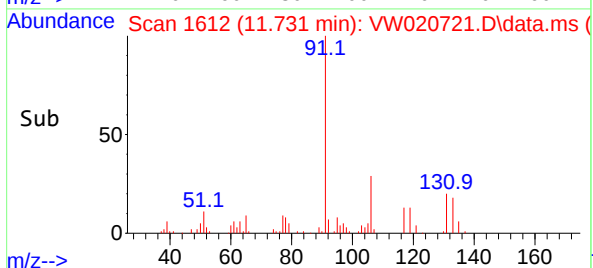
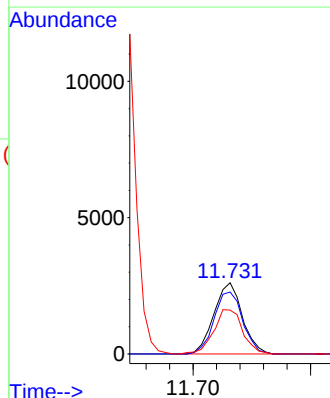
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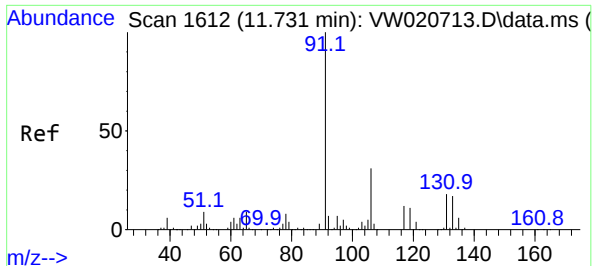


#66
1,1,1,2-Tetrachloroethane
Concen: 4.478 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



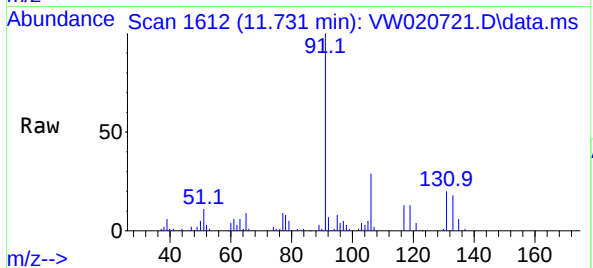
Tgt Ion:131 Resp: 4372
Ion Ratio Lower Upper
131 100
133 88.0 48.3 144.8
119 63.6 31.7 95.1





#67
Ethyl Benzene
Concen: 4.196 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

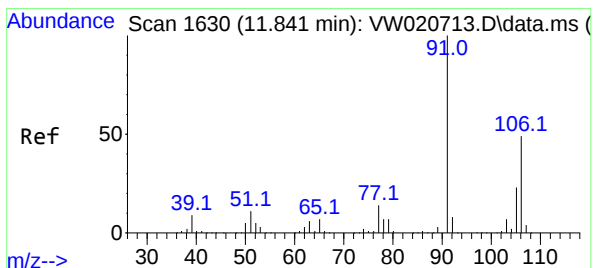
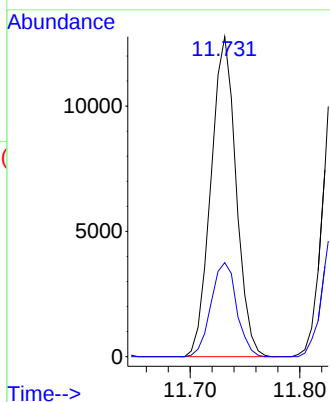
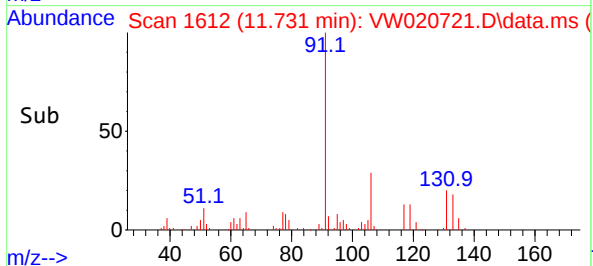
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



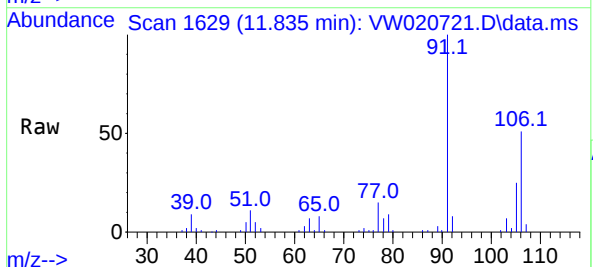
Tgt Ion: 91 Resp: 20364
Ion Ratio Lower Upper
91 100
106 29.4 24.5 36.7

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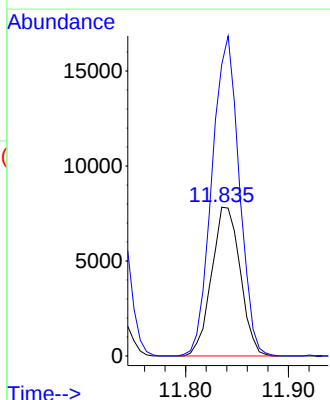
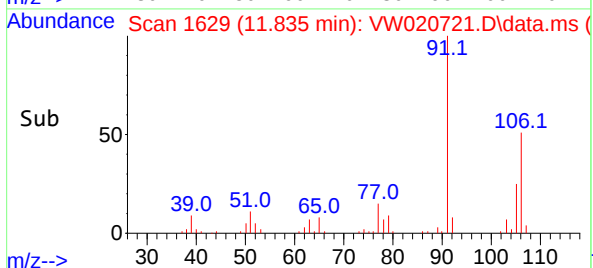
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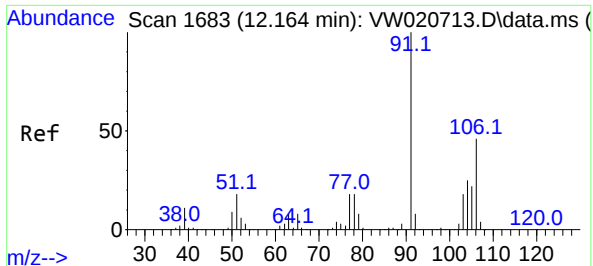


#68
m/p-Xylenes
Concen: 8.048 ug/l
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



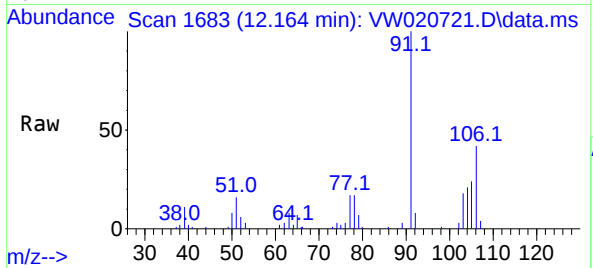
Tgt Ion: 106 Resp: 15128
Ion Ratio Lower Upper
106 100
91 205.2 163.8 245.8





#69
o-Xylene
Concen: 3.955 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

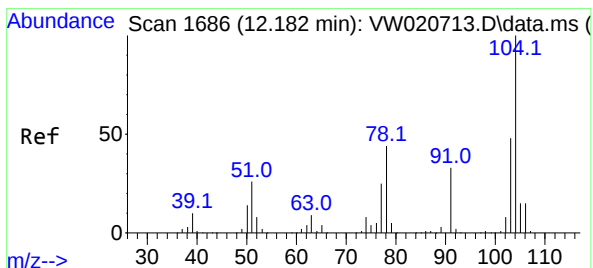
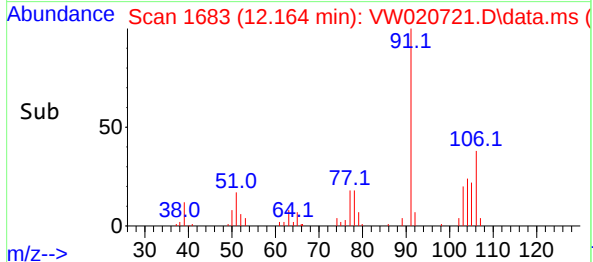
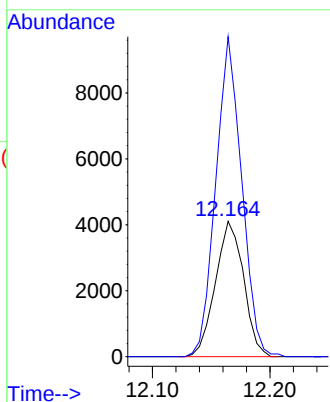
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



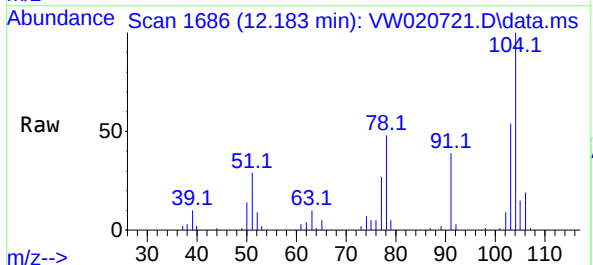
Tgt Ion:106 Resp: 6843
Ion Ratio Lower Upper
106 100
91 217.6 109.3 327.9

Manual Integrations
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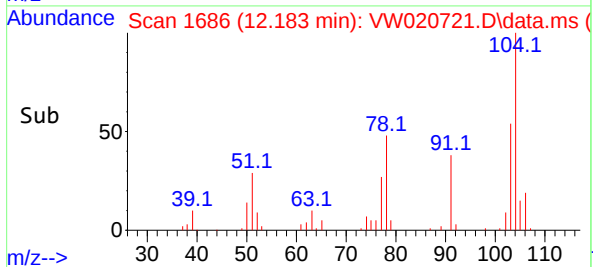
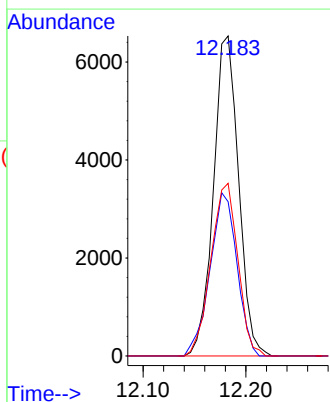
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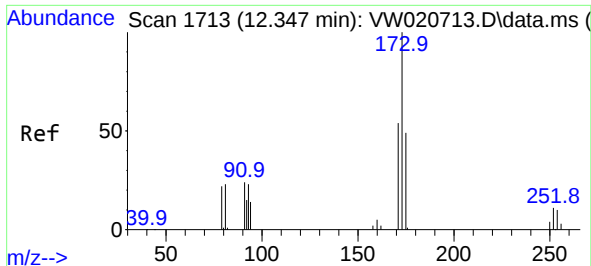


#70
Styrene
Concen: 3.737 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

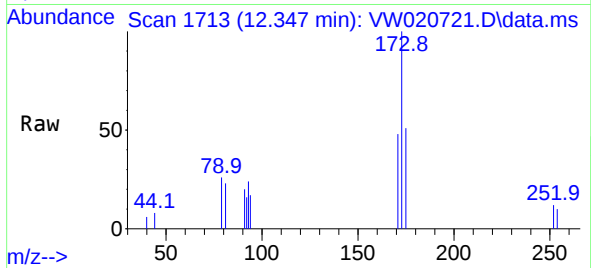


Tgt Ion:104 Resp: 11084
Ion Ratio Lower Upper
104 100
78 54.5 41.5 62.3
103 57.9 43.4 65.2

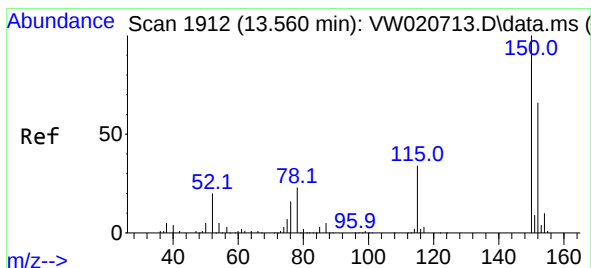
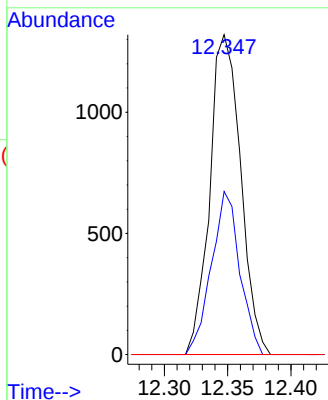
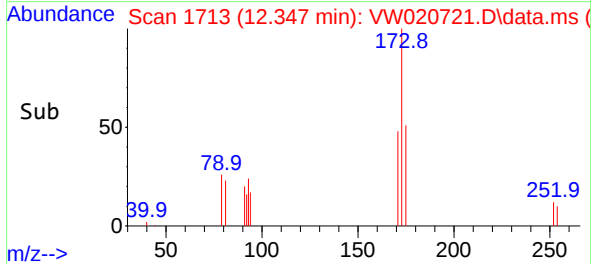




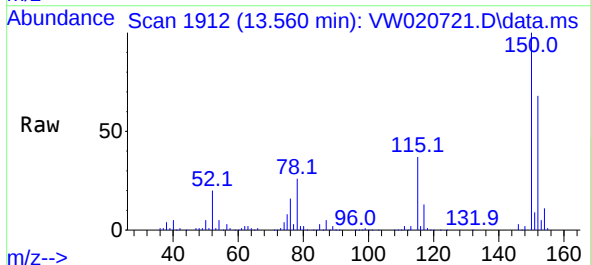
#71
Bromoform
Concen: 4.203 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



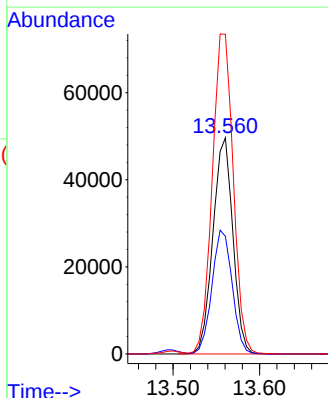
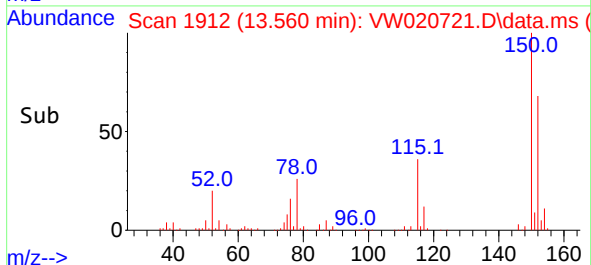
Tgt Ion:173 Resp: 2243
Ion Ratio Lower Upper
173 100
175 46.9 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



Tgt Ion:152 Resp: 79420
Ion Ratio Lower Upper
152 100
115 58.1 28.7 86.3
150 155.8 0.0 342.2

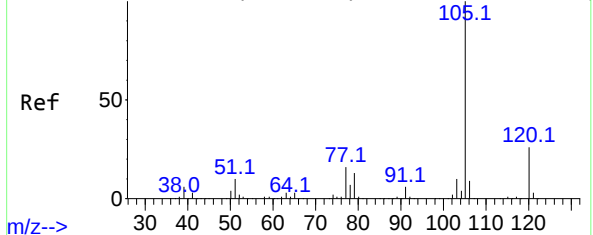


Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
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Abundance Scan 1732 (12.463 min): VW020713.D\data.ms (



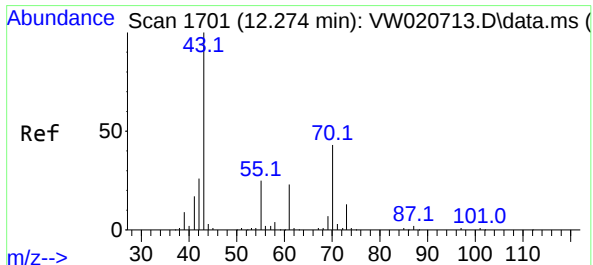
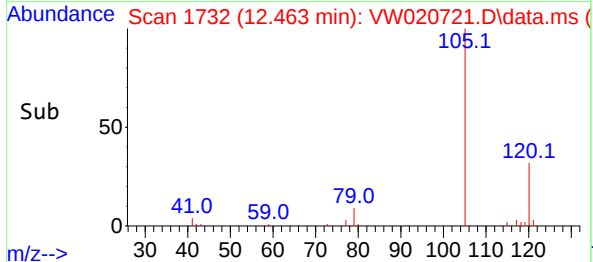
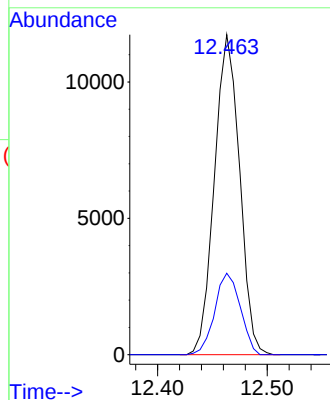
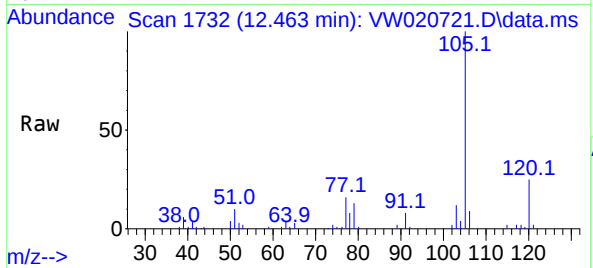
#73
Isopropylbenzene
Concen: 3.897 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion: 105 Resp: 18685
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.3

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

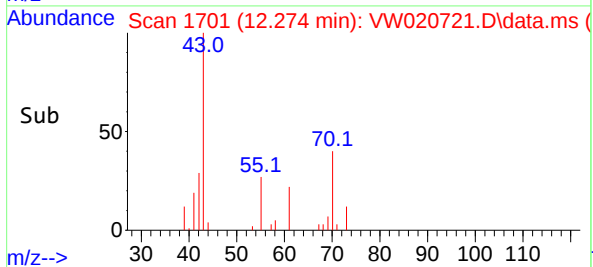
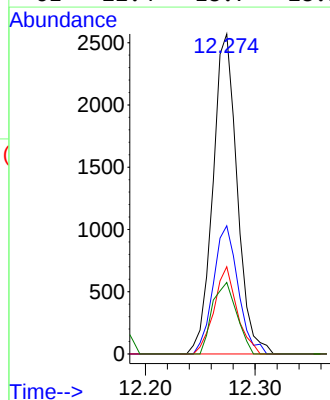
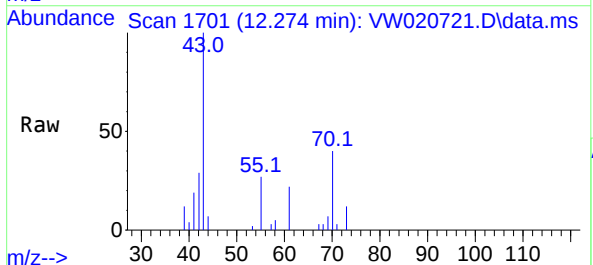
Manual Integrations
APPROVED

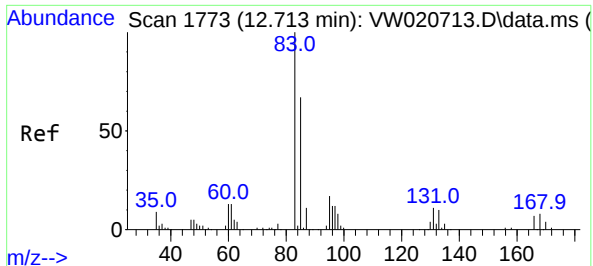
MMDadoda
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#74
N-ethyl acetate
Concen: 3.597 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion: 43 Resp: 3950
Ion Ratio Lower Upper
43 100
70 41.0 34.3 51.5
55 25.7 20.0 30.0
61 22.4 18.7 28.1





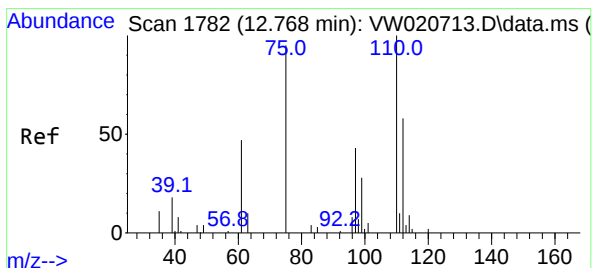
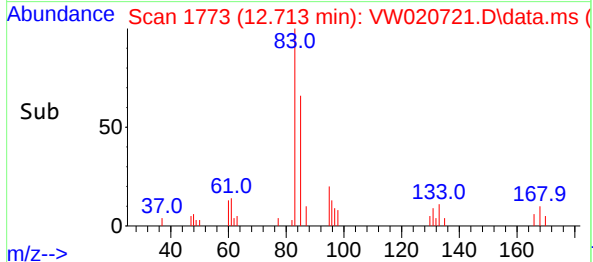
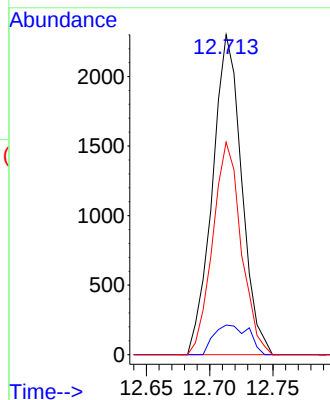
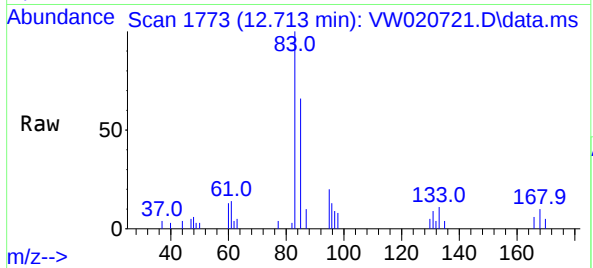
#75
1,1,2,2-Tetrachloroethane
Concen: 4.377 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion:	83	Resp:	3702
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.7	17.1
85	64.6	32.5	97.5

Instrument :
MSVOA_W
ClientSampleId :
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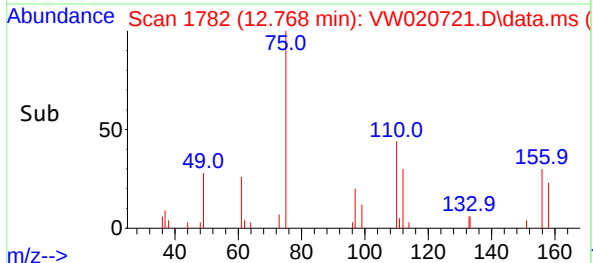
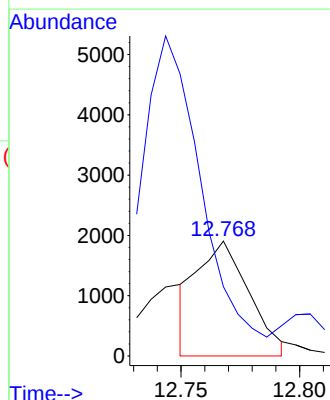
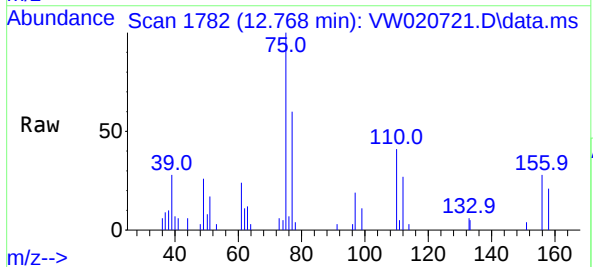
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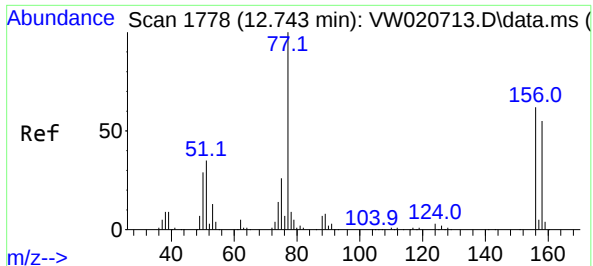
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#76
1,2,3-Trichloropropane
Concen: 4.274 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion:	75	Resp:	2910
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





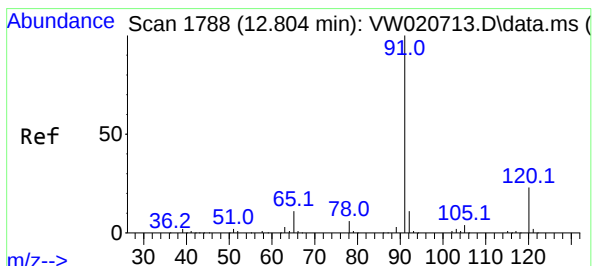
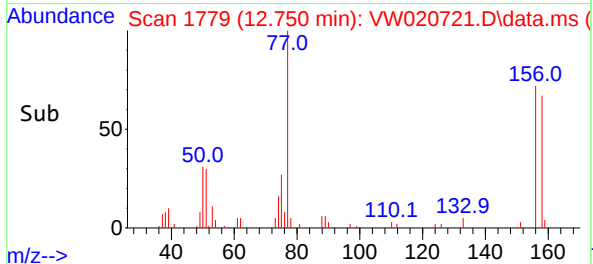
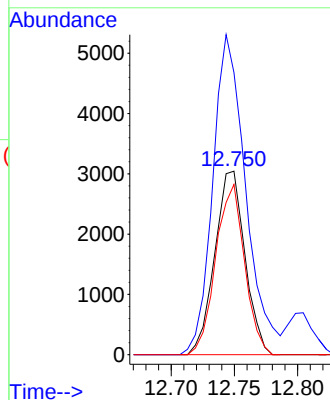
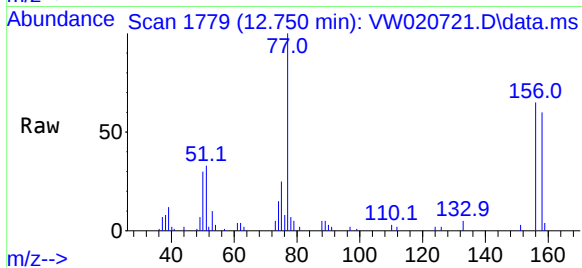
#77
Bromobenzene
Concen: 4.351 ug/l
RT: 12.750 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion: 156 Resp: 5049
Ion Ratio Lower Upper
156 100
77 190.5 91.0 273.0
158 88.5 46.7 140.1

Instrument :
MSVOA_W
ClientSampleId :
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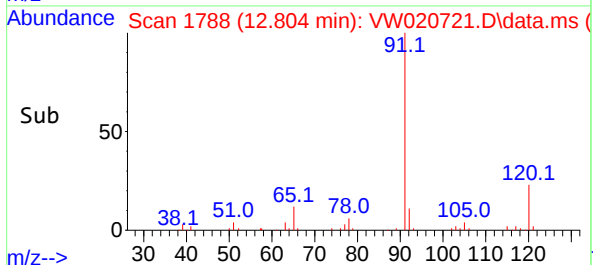
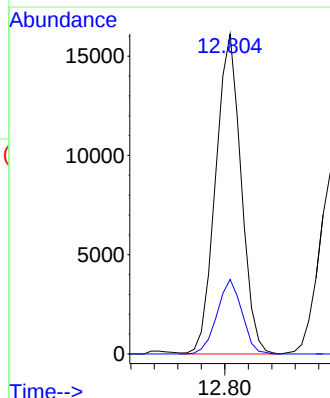
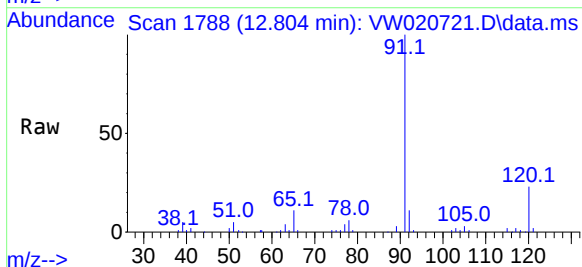
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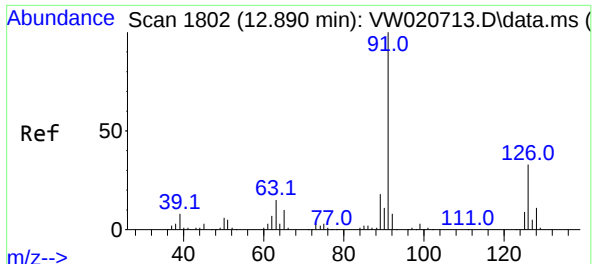
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#78
n-propylbenzene
Concen: 4.099 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

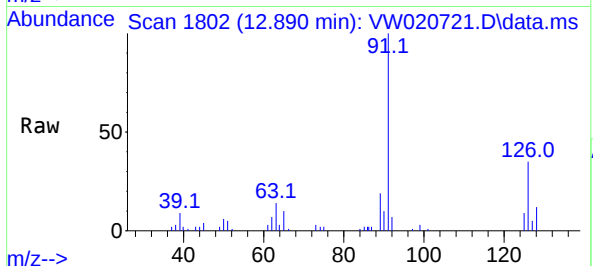
Tgt Ion: 91 Resp: 24223
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.9





#79
2-Chlorotoluene
Concen: 4.150 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

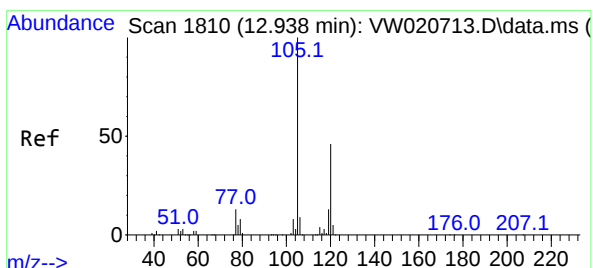
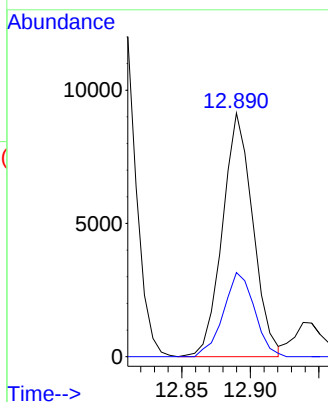
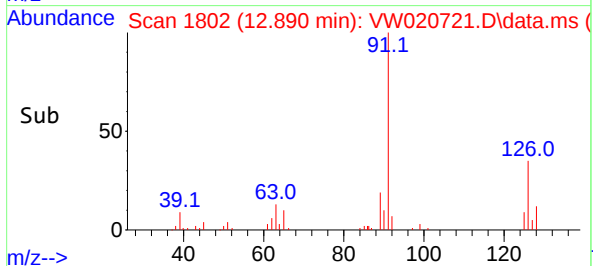
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



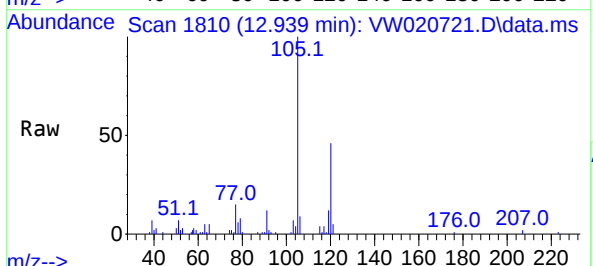
Tgt Ion: 91 Resp: 14125
Ion Ratio Lower Upper
91 100
126 35.2 16.7 50.1

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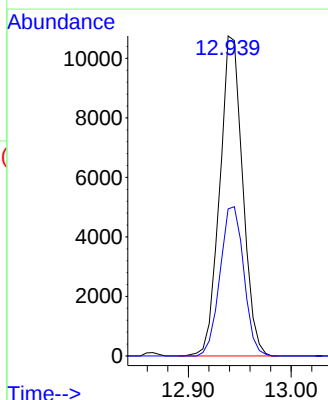
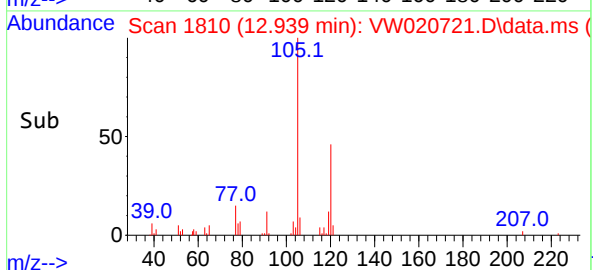
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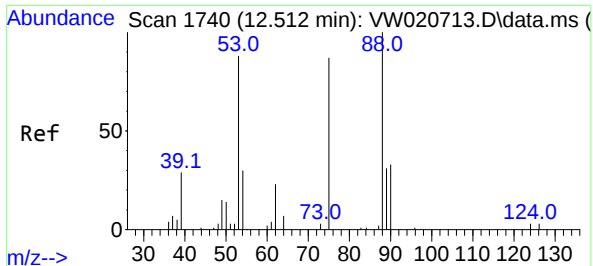


#80
1,3,5-Trimethylbenzene
Concen: 3.989 ug/l
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

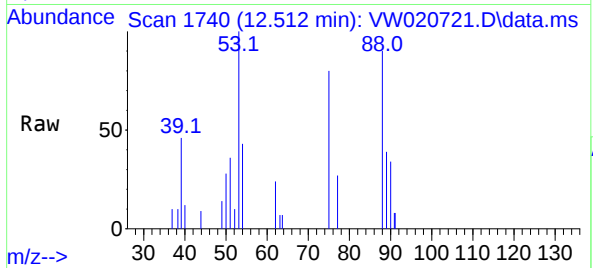


Tgt Ion: 105 Resp: 16643
Ion Ratio Lower Upper
105 100
120 48.4 24.0 72.0

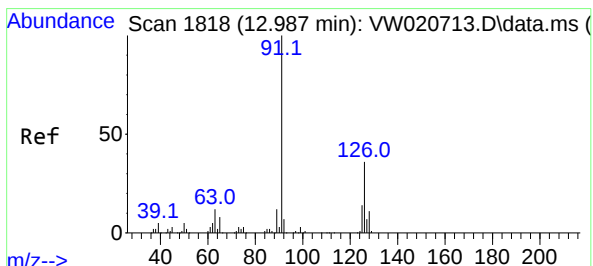
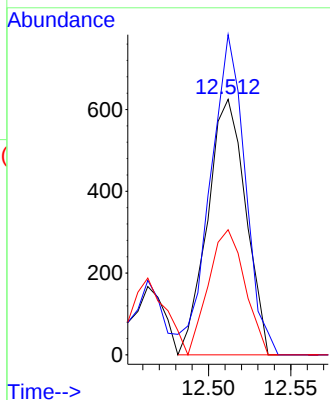
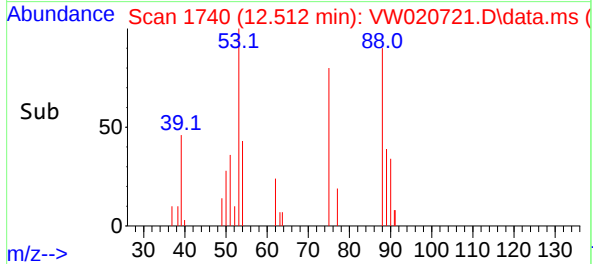




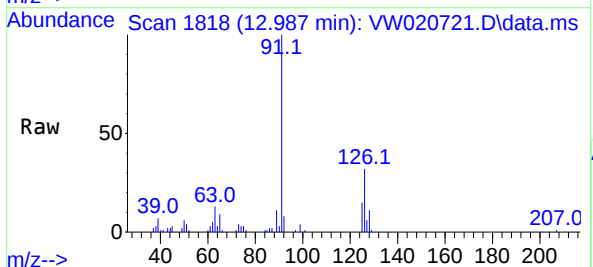
#81
trans-1,4-Dichloro-2-butene
Concen: 3.705 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



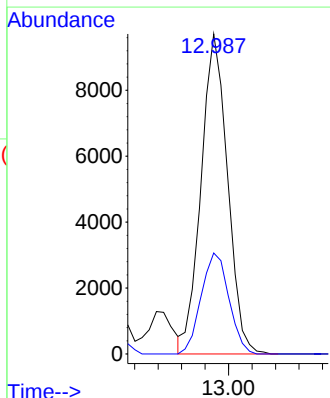
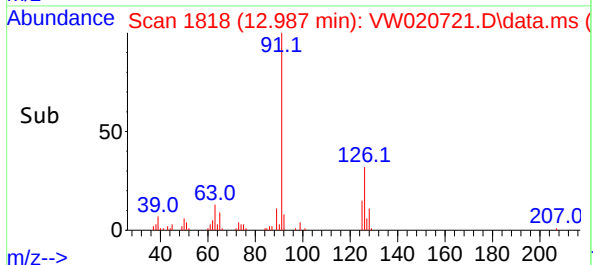
Tgt Ion: 75 Resp: 1010
Ion Ratio Lower Upper
75 100
53 113.8 83.1 124.7
89 46.6 35.1 52.7



#82
4-Chlorotoluene
Concen: 4.205 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



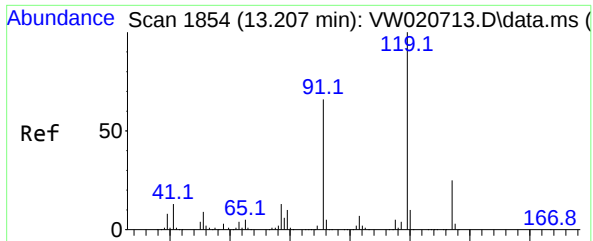
Tgt Ion: 91 Resp: 15190
Ion Ratio Lower Upper
91 100
126 33.0 17.0 51.0



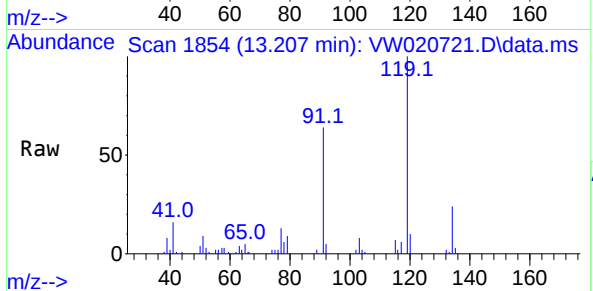
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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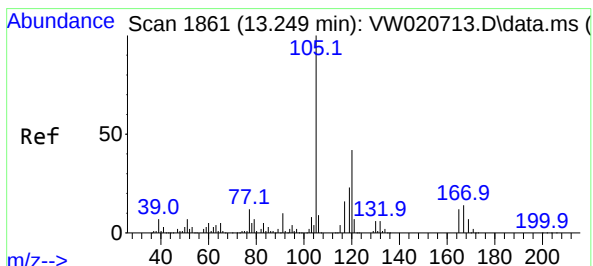
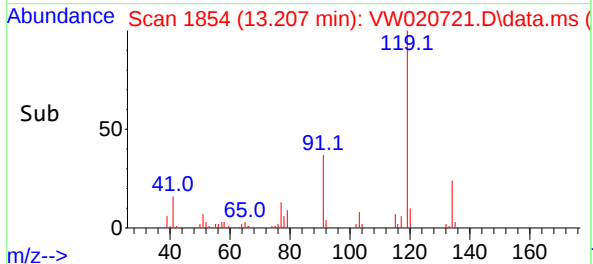
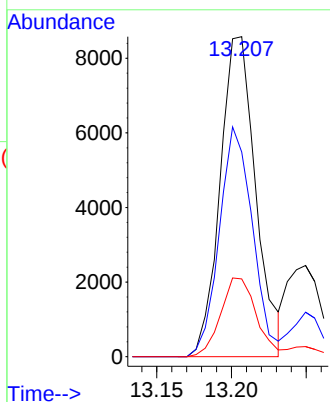


#83
tert-Butylbenzene
Concen: 4.014 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

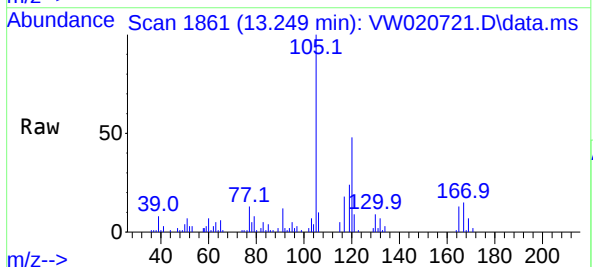


Tgt Ion:119 Resp: 14239

Ion	Ratio	Lower	Upper
119	100		
91	66.8	33.6	100.6
134	25.0	12.4	37.4

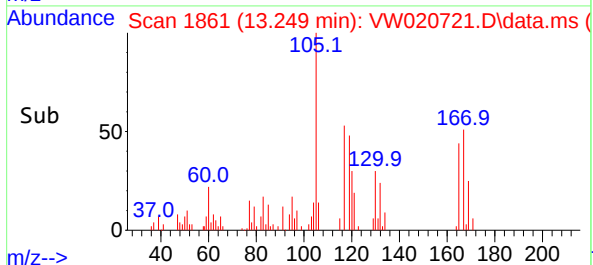
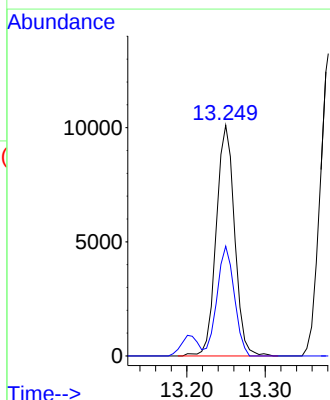


#84
1,2,4-Trimethylbenzene
Concen: 3.962 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



Tgt Ion:105 Resp: 16463

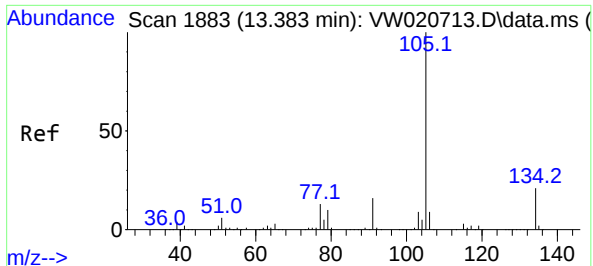
Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.3	66.8



Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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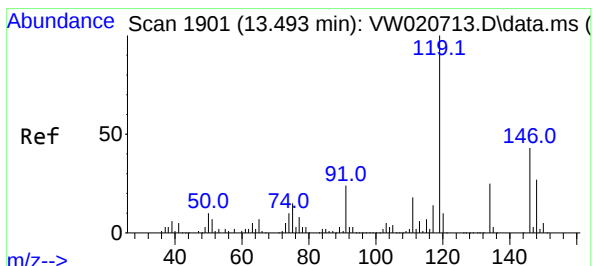
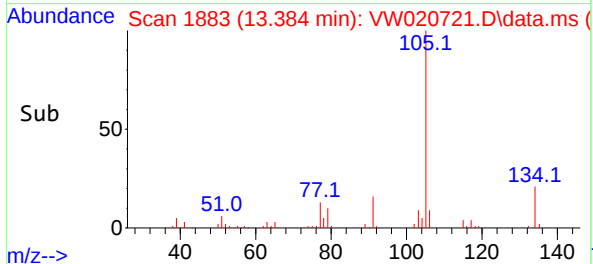
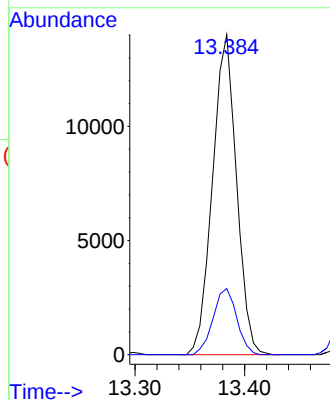
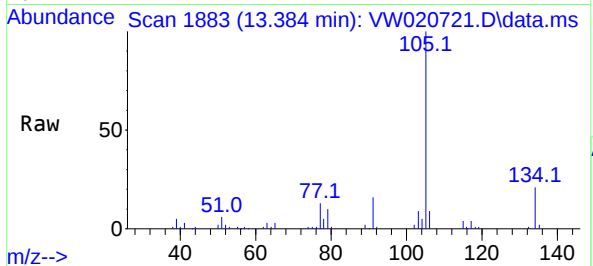
#85
sec-Butylbenzene
Concen: 3.992 ug/l
RT: 13.384 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion:105 Resp: 21302
Ion Ratio Lower Upper
105 100
134 20.4 10.3 30.8

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

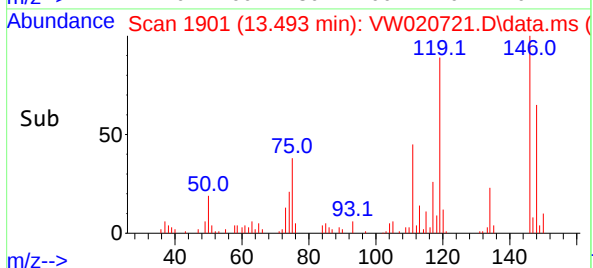
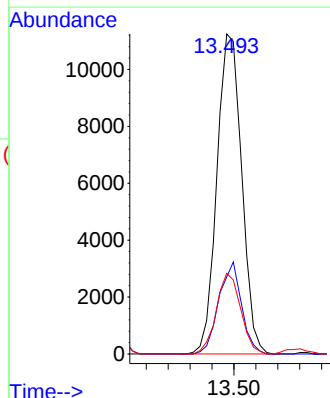
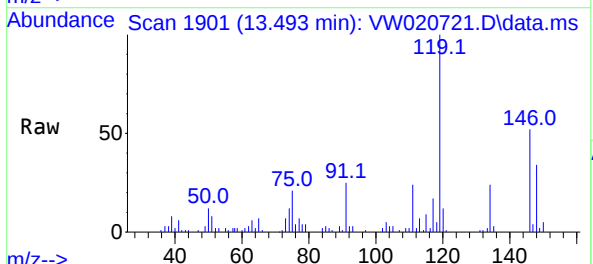
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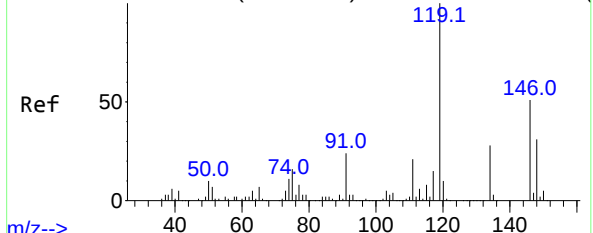


#86
p-Isopropyltoluene
Concen: 3.900 ug/l
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

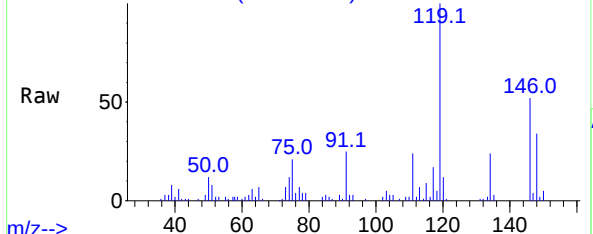
Tgt Ion:119 Resp: 17671
Ion Ratio Lower Upper
119 100
134 26.3 13.1 39.1
91 24.7 12.0 36.0



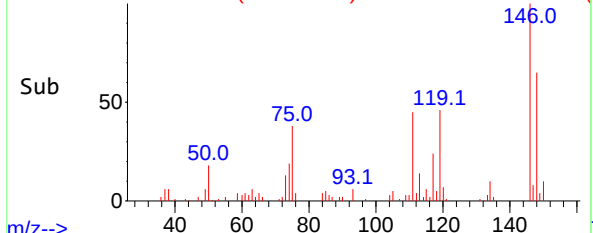
Abundance Scan 1902 (13.499 min): VW020713.D\data.ms (



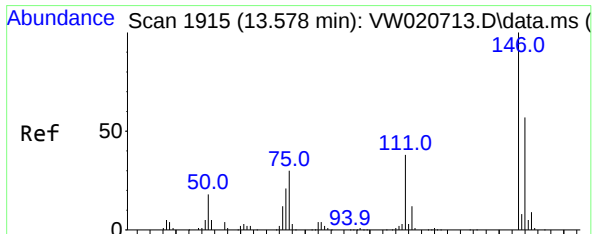
m/z--> Abundance Scan 1901 (13.493 min): VW020721.D\data.ms



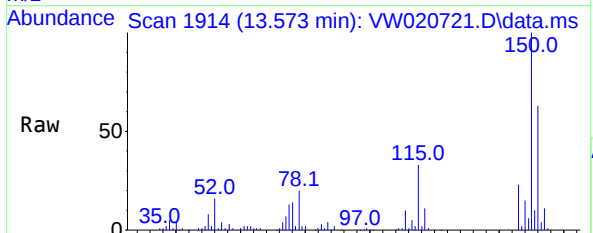
m/z--> Abundance Scan 1901 (13.493 min): VW020721.D\data.ms (



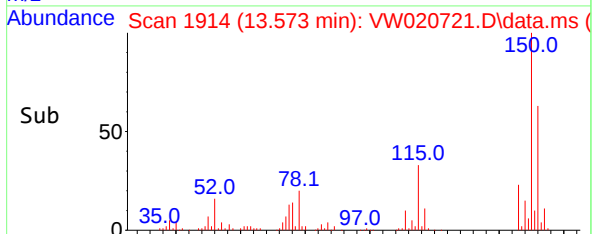
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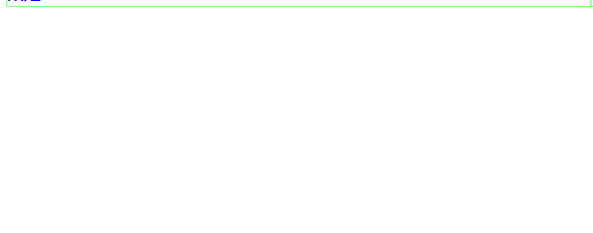
m/z--> Abundance Scan 1914 (13.573 min): VW020721.D\data.ms



m/z--> Abundance Scan 1914 (13.573 min): VW020721.D\data.ms (



m/z--> Abundance Scan 1914 (13.573 min): VW020721.D\data.ms (



m/z--> Abundance Scan 1914 (13.573 min): VW020721.D\data.ms (

m/z--> Abundance Scan 1914 (13.573 min): VW020721.D\data.ms (

m/z--> Abundance Scan 1914 (13.573 min): VW020721.D\data.ms (

m/z--> Abundance Scan 1914 (13.573 min): VW020721.D\data.ms (

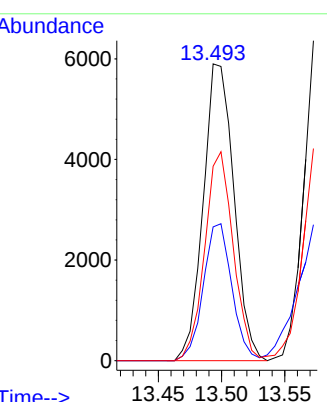
m/z--> Abundance Scan 1914 (13.573 min): VW020721.D\data.ms (

m/z--> Abundance Scan 1914 (13.573 min): VW020721.D\data.ms (

m/z--> Abundance Scan 1914 (13.573 min): VW020721.D\data.ms (

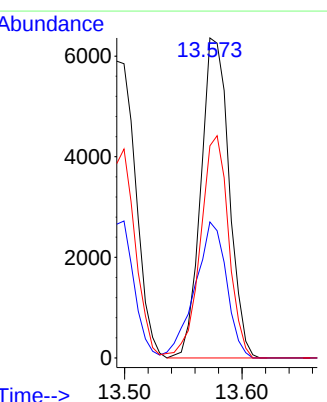
#87
1,3-Dichlorobenzene
Concen: 4.180 ug/l
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion:	146	Resp:	9941
Ion	Ratio	Lower	Upper
146	100		
111	43.0	19.8	59.4
148	65.4	31.1	93.2



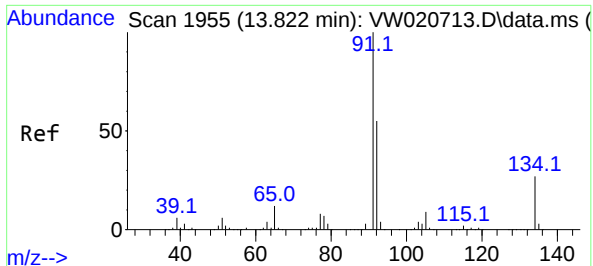
#88
1,4-Dichlorobenzene
Concen: 4.470 ug/l
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion:	146	Resp:	10607
Ion	Ratio	Lower	Upper
146	100		
111	47.6	19.7	59.0
148	69.2	30.8	92.3



Instrument :
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ClientSampleId :
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#89

n-Butylbenzene

Concen: 3.903 ug/l

RT: 13.823 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VW020721.D

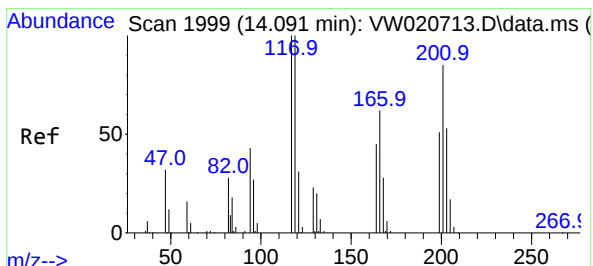
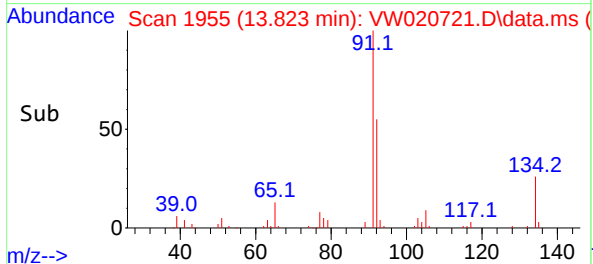
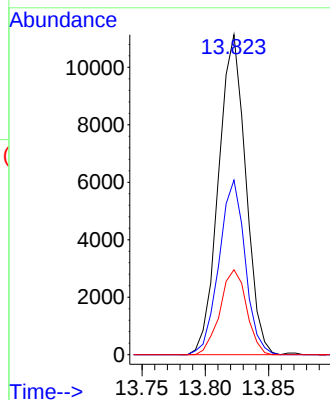
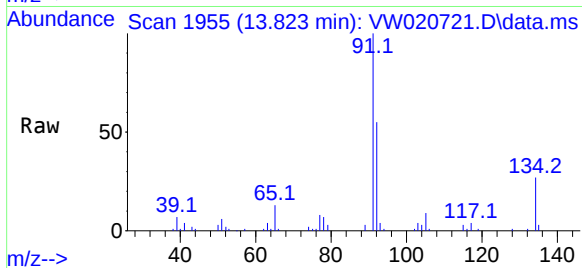
Acq: 28 Oct 2021 18:20

Tgt Ion:	91	Resp:	16620
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.8	80.3
134	25.8	13.1	39.3

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
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#90

Hexachloroethane

Concen: 4.341 ug/l

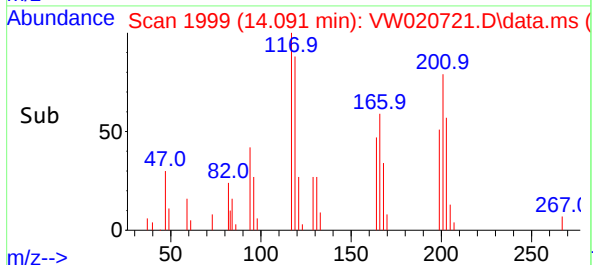
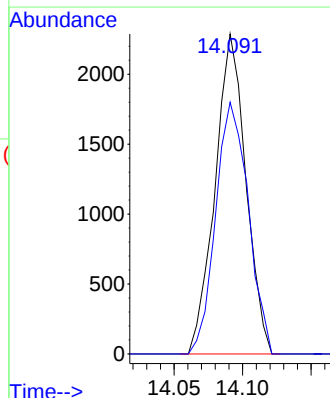
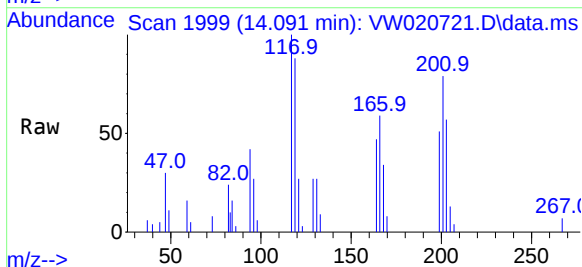
RT: 14.091 min Scan# 1999

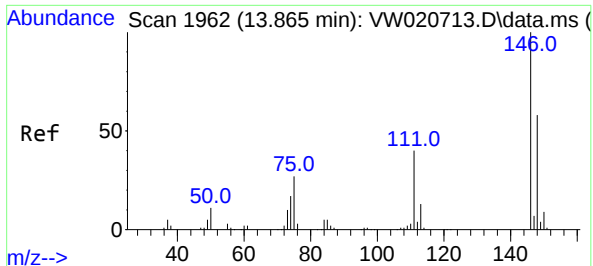
Delta R.T. 0.000 min

Lab File: VW020721.D

Acq: 28 Oct 2021 18:20

Tgt Ion:	117	Resp:	3580
Ion	Ratio	Lower	Upper
117	100		
201	83.2	42.4	127.1





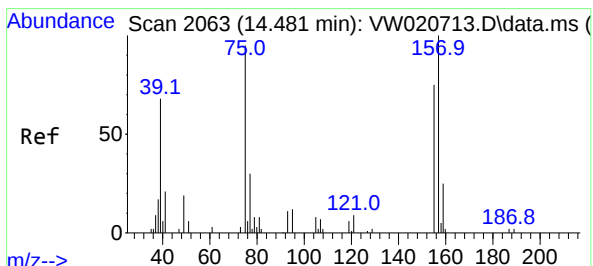
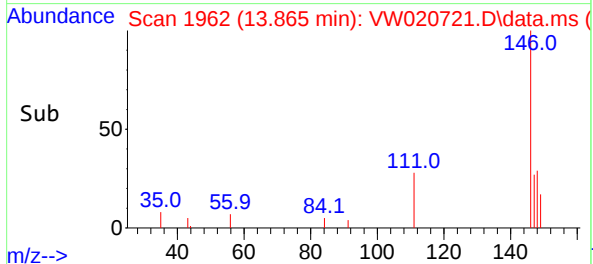
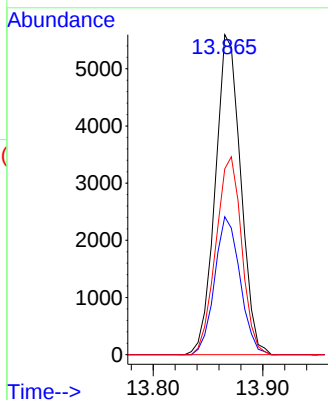
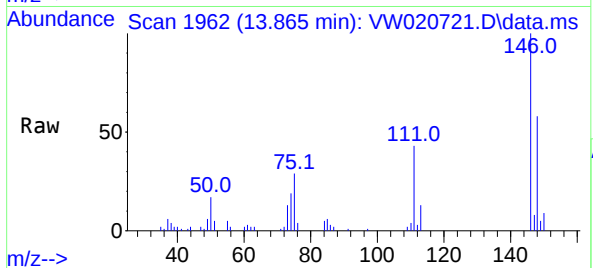
#91
1,2-Dichlorobenzene
Concen: 4.333 ug/l
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

Tgt Ion: 146 Resp: 9024
Ion Ratio Lower Upper
146 100
111 43.1 20.4 61.3
148 62.9 30.7 92.1

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

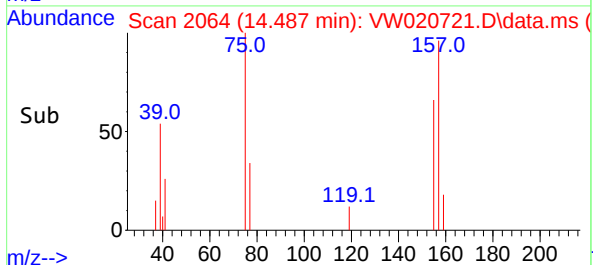
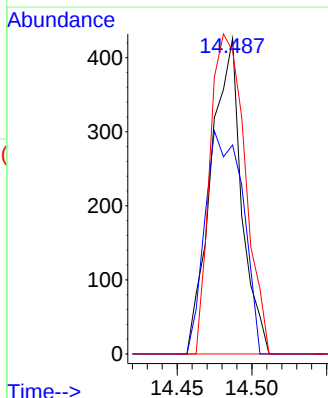
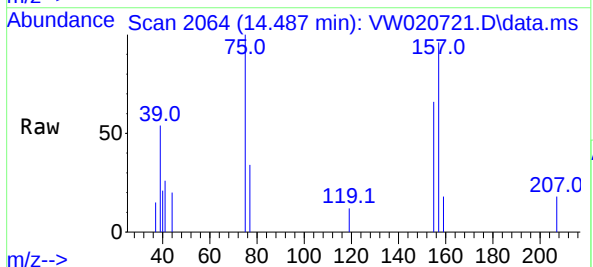
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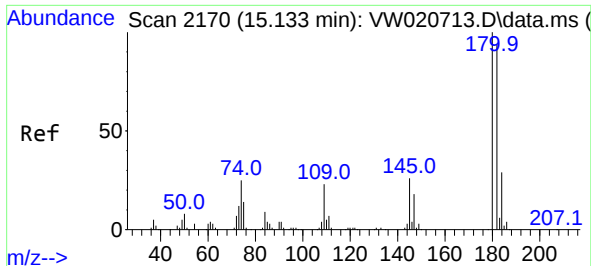
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10/29/2021 4:39:16 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.025 ug/l
RT: 14.487 min Scan# 2064
Delta R.T. 0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

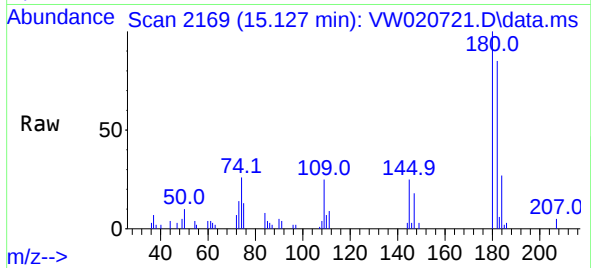
Tgt Ion: 75 Resp: 607
Ion Ratio Lower Upper
75 100
155 86.7 42.4 127.1
157 115.3 55.9 167.7





#93
1,2,4-Trichlorobenzene
Concen: 4.195 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

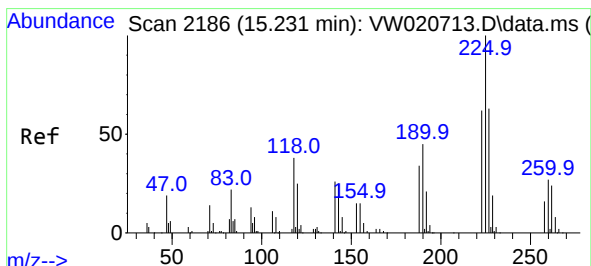
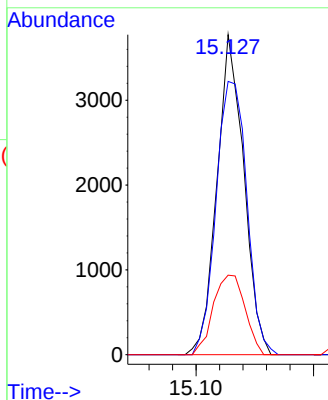
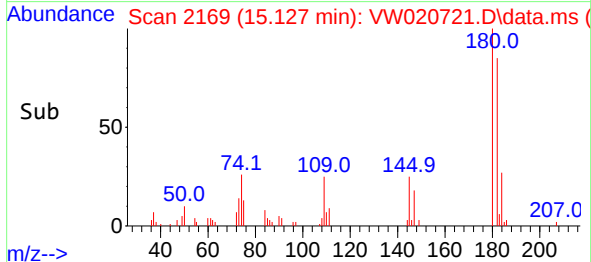
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



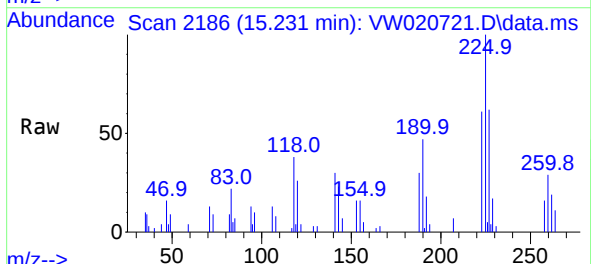
Tgt Ion:180 Resp: 5993
Ion Ratio Lower Upper
180 100
182 97.8 47.9 143.8
145 29.4 14.8 44.4

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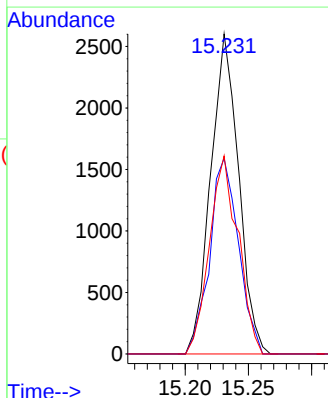
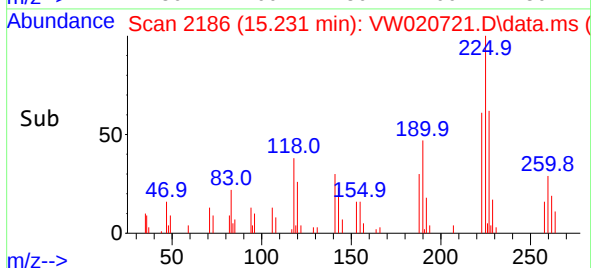
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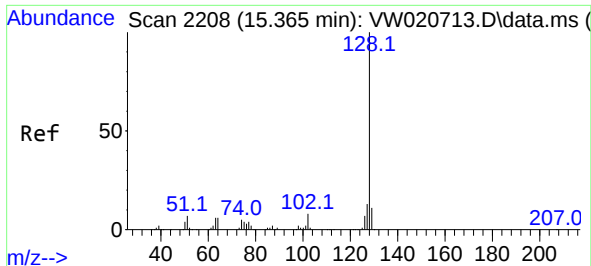


#94
Hexachlorobutadiene
Concen: 4.325 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



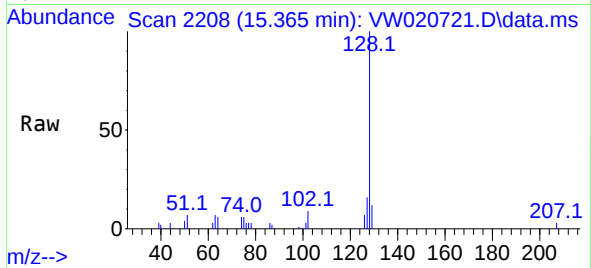
Tgt Ion:225 Resp: 3992
Ion Ratio Lower Upper
225 100
223 63.2 31.6 95.0
227 63.7 31.9 95.7





#95
Naphthalene
Concen: 3.671 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20

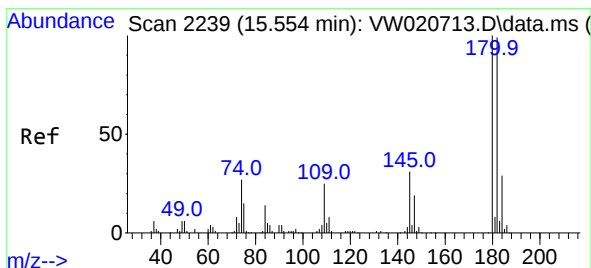
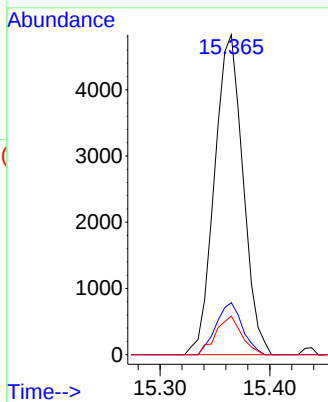
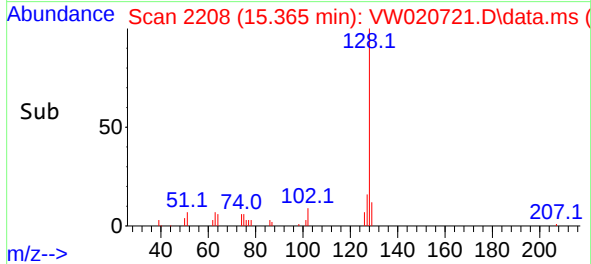
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



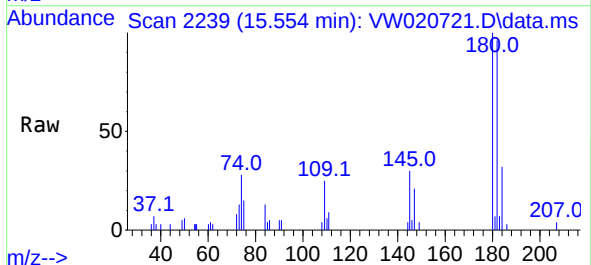
Tgt Ion:128 Resp: 8719
Ion Ratio Lower Upper
128 100
127 15.0 10.6 16.0
129 10.9 8.6 12.8

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#96
1,2,3-Trichlorobenzene
Concen: 4.202 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020721.D
Acq: 28 Oct 2021 18:20



Tgt Ion:180 Resp: 5391
Ion Ratio Lower Upper
180 100
182 99.8 48.5 145.5
145 31.5 15.7 47.1

