

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020688.D
 Acq On : 22 Oct 2021 18:00
 Operator : SY/VA
 Sample : M4068-01 2.5PPBLOD
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
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 10/25/2021 11:56:21 AM

Quant Time: Oct 23 06:13:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:13:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	92912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	136972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	122351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	66923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	49286	47.744	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.480%
35) Dibromofluoromethane	7.884	113	42270	47.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.380%
50) Toluene-d8	10.323	98	160847	46.979	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.960%
62) 4-Bromofluorobenzene	12.615	95	59355	47.290	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	355	1.450	ug/l	97
3) Chloromethane	2.209	50	1645	2.676	ug/l	97
4) Vinyl Chloride	2.361	62	1634	2.072	ug/l	98
5) Bromomethane	2.769	94	1412	3.012	ug/l	93
6) Chloroethane	2.910	64	711	2.029	ug/l	92
7) Trichlorofluoromethane	3.251	101	1301	2.306	ug/l	95
8) Diethyl Ether	3.678	74	1163	2.584	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.056	101	2421	2.615	ug/l	97
10) Methyl Iodide	4.269	142	2624	2.283	ug/l #	92
11) Tert butyl alcohol	5.184	59	703	11.120	ug/l #	84
12) 1,1-Dichloroethene	4.044	96	2172	2.512	ug/l	97
13) Acrolein	3.897	56	737	13.023	ug/l #	80
14) Allyl chloride	4.665	41	3276	2.347	ug/l	97
15) Acrylonitrile	5.373	53	2839	12.367	ug/l	94
16) Acetone	4.135	43	2969	11.768	ug/l #	87
17) Carbon Disulfide	4.379	76	6116	2.434	ug/l	98
18) Methyl Acetate	4.678	43	2107	2.705	ug/l #	71
19) Methyl tert-butyl Ether	5.428	73	3496	2.357	ug/l	96
20) Methylene Chloride	4.915	84	10535	8.284	ug/l	99
21) trans-1,2-Dichloroethene	5.421	96	2395	2.480	ug/l	86
22) Diisopropyl ether	6.318	45	6080	2.226	ug/l	97
23) Vinyl Acetate	6.263	43	16578	10.362	ug/l	99
24) 1,1-Dichloroethane	6.220	63	4444	2.545	ug/l	97
25) 2-Butanone	7.177	43	3482	11.060	ug/l	94
26) 2,2-Dichloropropane	7.171	77	2942	2.574	ug/l	93
27) cis-1,2-Dichloroethene	7.171	96	2566	2.493	ug/l	97
28) Bromochloromethane	7.513	49	1983	2.747	ug/l #	95
29) Tetrahydrofuran	7.537	42	2247	11.666	ug/l	95
30) Chloroform	7.671	83	4742	2.603	ug/l	91
31) Cyclohexane	7.951	56	5987	3.417	ug/l #	74
32) 1,1,1-Trichloroethane	7.866	97	3879	2.518	ug/l	97
36) 1,1-Dichloropropene	8.086	75	3629	2.460	ug/l	98
37) Ethyl Acetate	7.263	43	1666	2.441	ug/l #	86
38) Carbon Tetrachloride	8.067	117	3682	2.517	ug/l #	92
39) Methylcyclohexane	9.335	83	4193	2.438	ug/l	97
40) Benzene	8.323	78	35537m	8.803	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	924	2.324	ug/l #	92
42) 1,2-Dichloroethane	8.403	62	3531	2.717	ug/l	95
43) Isopropyl Acetate	8.427	43	2880	2.274	ug/l #	89
44) Trichloroethene	9.098	130	2880	2.625	ug/l	92
45) 1,2-Dichloropropane	9.372	63	2412	2.492	ug/l	90
46) Dibromomethane	9.463	93	1239	2.279	ug/l	88
47) Bromodichloromethane	9.646	83	3291	2.456	ug/l	99
48) Methyl methacrylate	9.439	41	1462	2.399	ug/l	91
49) 1,4-Dioxane	9.463	88	303	41.936	ug/l #	70
51) 4-Methyl-2-Pentanone	10.213	43	7528	10.931	ug/l	97
52) Toluene	10.384	92	6598	2.602	ug/l	97
53) t-1,3-Dichloropropene	10.603	75	3167	2.322	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	3467	2.244	ug/l	95
55) 1,1,2-Trichloroethane	10.792	97	1817	2.399	ug/l	96
56) Ethyl methacrylate	10.646	69	1925	1.977	ug/l	94
57) 1,3-Dichloropropane	10.933	76	3329	2.537	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.927	63	5778	13.165	ug/l	97
59) 2-Hexanone	10.969	43	5039	10.341	ug/l	94
60) Dibromochloromethane	11.128	129	2155	2.413	ug/l	99
61) 1,2-Dibromoethane	11.237	107	1914	2.612	ug/l	97
64) Tetrachloroethene	10.866	164	2579	2.715	ug/l	92
65) Chlorobenzene	11.658	112	6985	2.652	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	2455	2.571	ug/l	99
67) Ethyl Benzene	11.731	91	11770	2.468	ug/l	98
68) m/p-Xylenes	11.841	106	9169	4.973	ug/l	95
69) o-Xylene	12.164	106	3938	2.317	ug/l	100
70) Styrene	12.182	104	6664	2.289	ug/l	99
71) Bromoform	12.353	173	1249	2.231	ug/l #	92
73) Isopropylbenzene	12.463	105	11213	2.326	ug/l	97
74) N-amyl acetate	12.274	43	2229	1.905	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.713	83	2323	2.572	ug/l	96
76) 1,2,3-Trichloropropane	12.762	75	2063m	2.782	ug/l	
77) Bromobenzene	12.743	156	3035	2.625	ug/l	98
78) n-propylbenzene	12.804	91	15081	2.547	ug/l	98
79) 2-Chlorotoluene	12.890	91	8641	2.537	ug/l	99
80) 1,3,5-Trimethylbenzene	12.938	105	10006	2.402	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.512	75	635m	2.200	ug/l	
82) 4-Chlorotoluene	12.987	91	9014	2.516	ug/l	100
83) tert-Butylbenzene	13.201	119	8588	2.388	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	9790	2.374	ug/l	96
85) sec-Butylbenzene	13.383	105	12682	2.351	ug/l	100
86) p-Isopropyltoluene	13.499	119	10552	2.300	ug/l	97
87) 1,3-Dichlorobenzene	13.493	146	6229	2.618	ug/l	95
88) 1,4-Dichlorobenzene	13.579	146	6548	2.756	ug/l	87
89) n-Butylbenzene	13.822	91	10379	2.439	ug/l	95
90) Hexachloroethane	14.091	117	2142	2.675	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	5945	2.813	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	460	2.822	ug/l	90
93) 1,2,4-Trichlorobenzene	15.127	180	4080	2.910	ug/l	95
94) Hexachlorobutadiene	15.231	225	2692	2.965	ug/l	94
95) Naphthalene	15.359	128	6590	2.639	ug/l	97
96) 1,2,3-Trichlorobenzene	15.554	180	3707	2.920	ug/l	92

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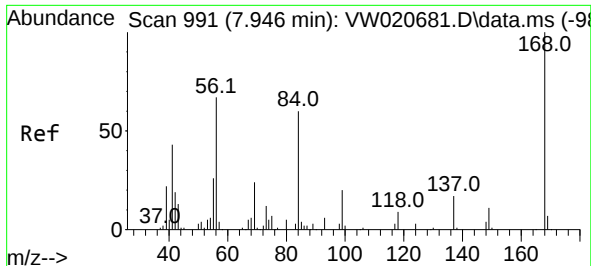
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



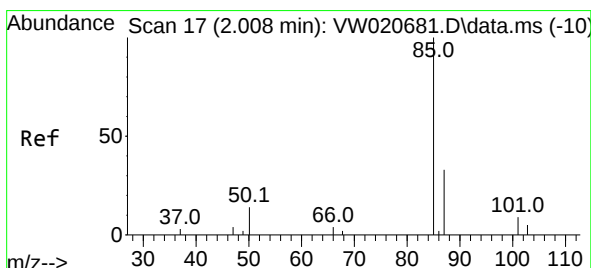
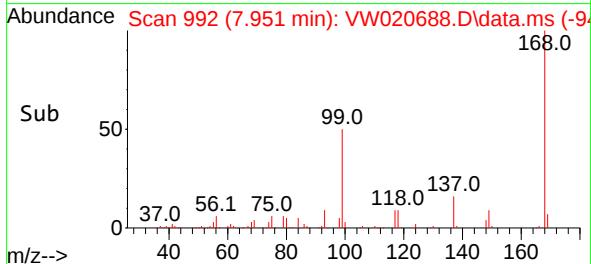
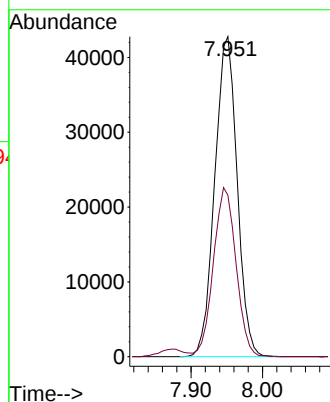
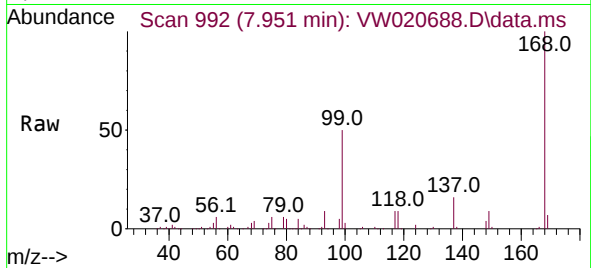
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.005 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion:168 Resp: 92912
Ion Ratio Lower Upper
168 100
99 50.5 45.4 68.0

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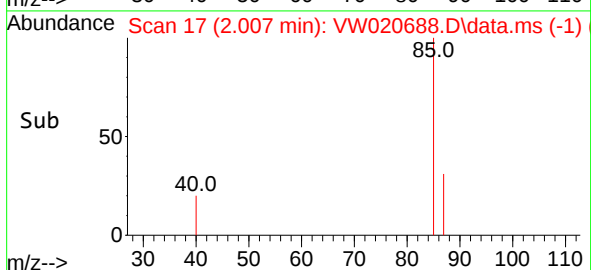
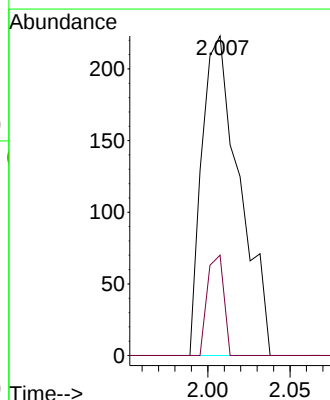
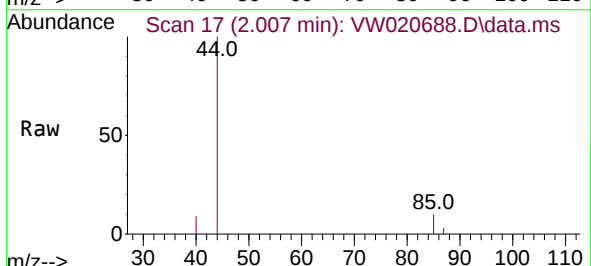
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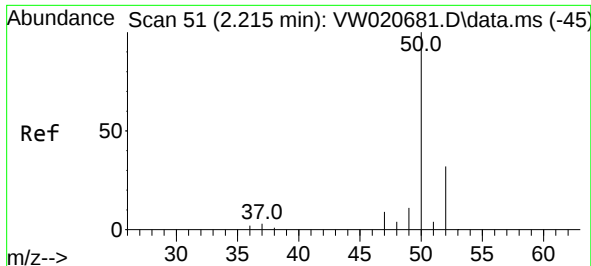
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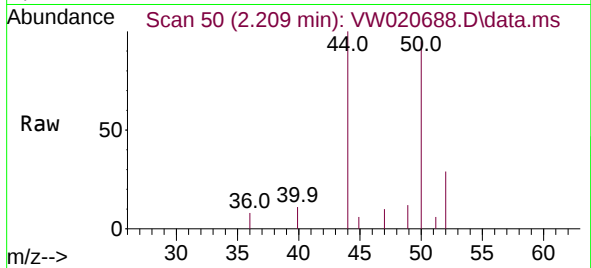
#2
Dichlorodifluoromethane
Concen: 1.450 ug/l
RT: 2.007 min Scan# 17
Delta R.T. -0.001 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion: 85 Resp: 355
Ion Ratio Lower Upper
85 100
87 31.4 16.7 50.0

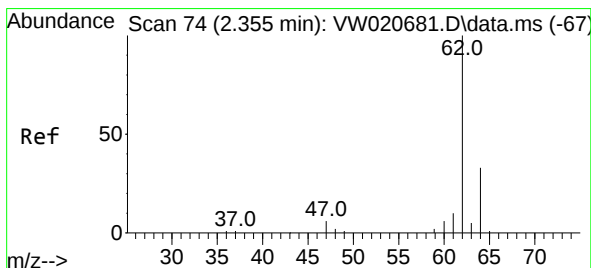
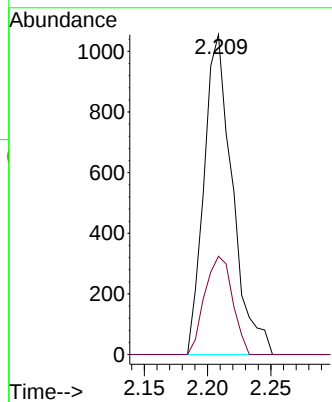
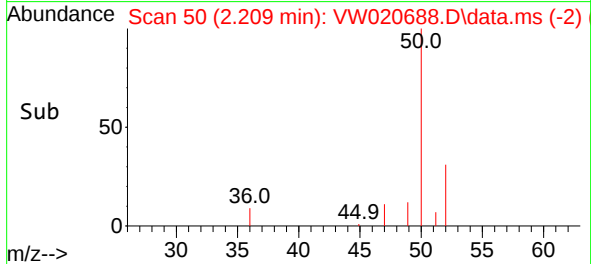




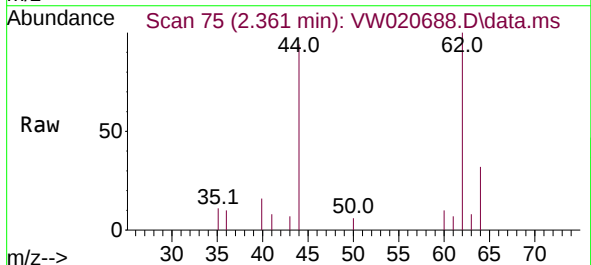
#3
Chloromethane
Concen: 2.676 ug/l
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



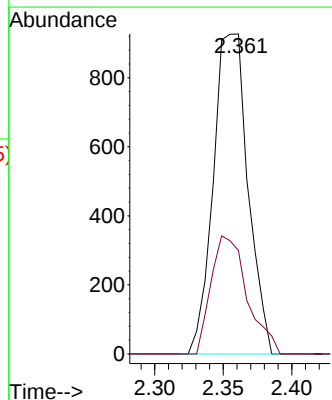
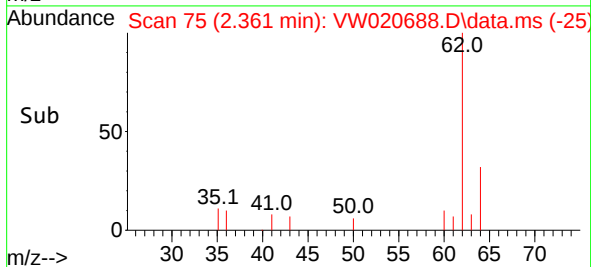
Tgt Ion: 50 Resp: 1645
Ion Ratio Lower Upper
50 100
52 30.7 25.9 38.9



#4
Vinyl Chloride
Concen: 2.072 ug/l
RT: 2.361 min Scan# 75
Delta R.T. 0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



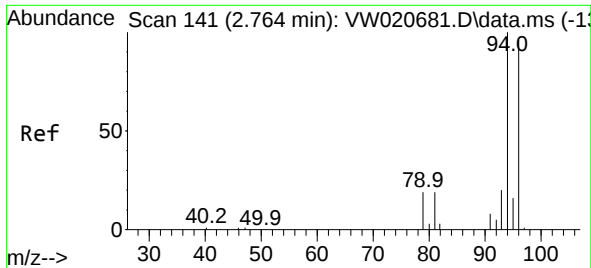
Tgt Ion: 62 Resp: 1634
Ion Ratio Lower Upper
62 100
64 32.4 26.6 40.0



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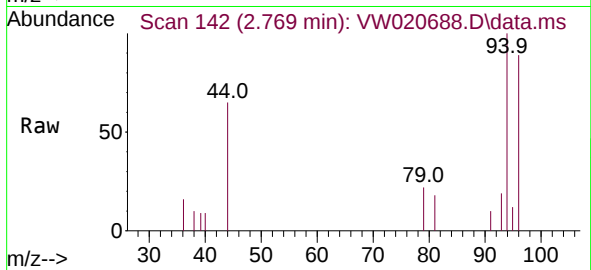
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#5
Bromomethane
Concen: 3.012 ug/l
RT: 2.769 min Scan# 142
Delta R.T. 0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

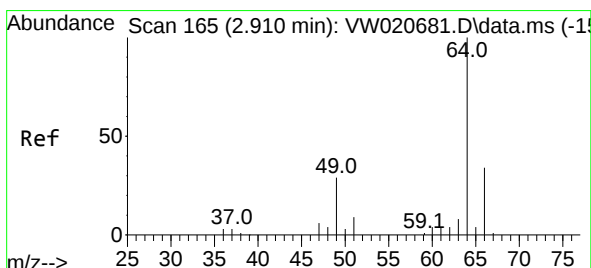
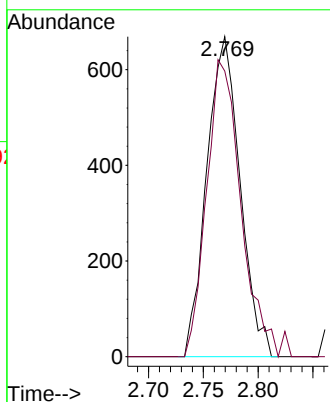
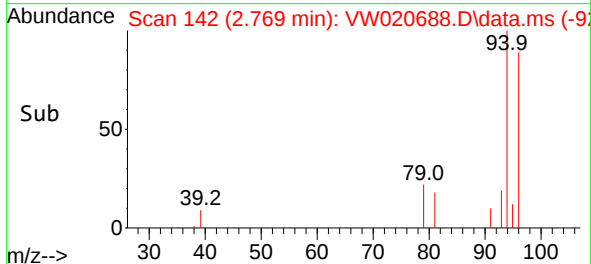
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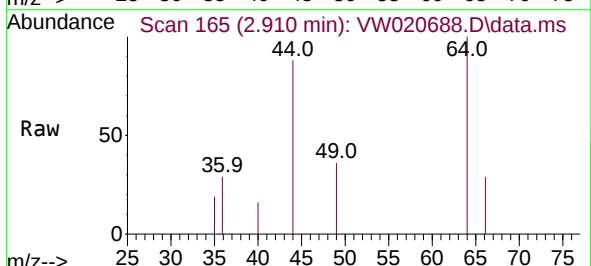
Tgt Ion: 94 Resp: 1412
Ion Ratio Lower Upper
94 100
96 89.2 76.7 115.1

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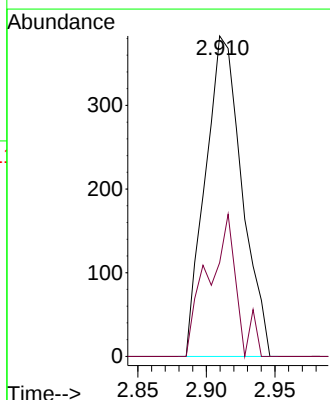
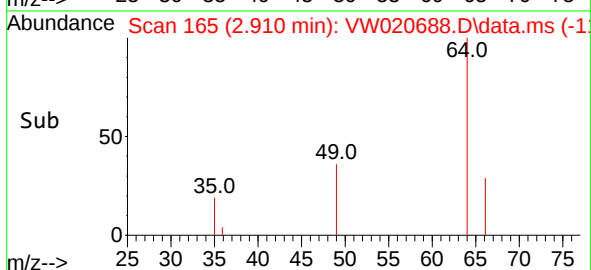
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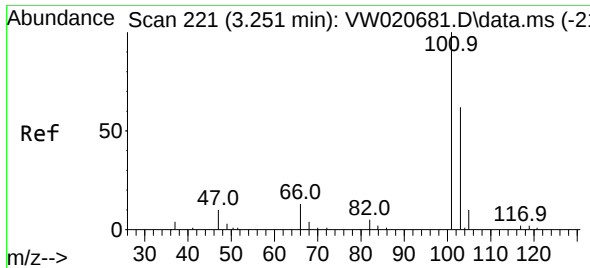


#6
Chloroethane
Concen: 2.029 ug/l
RT: 2.910 min Scan# 165
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



Tgt Ion: 64 Resp: 711
Ion Ratio Lower Upper
64 100
66 29.2 27.0 40.4





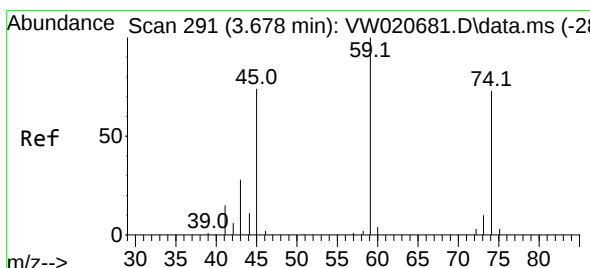
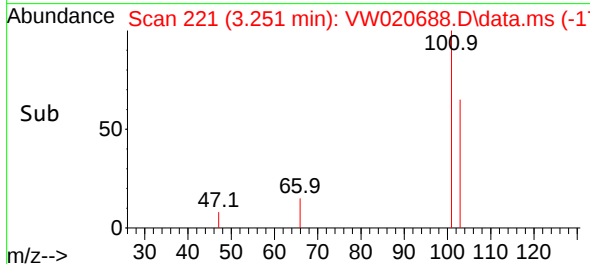
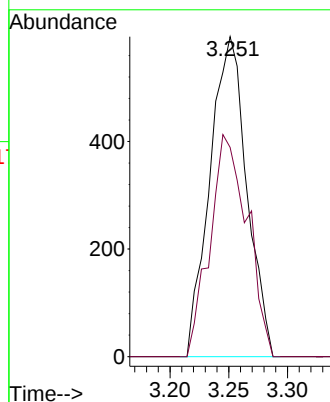
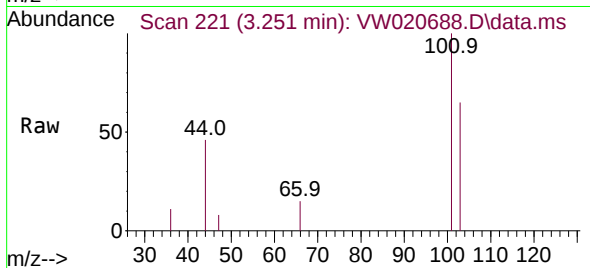
#7
Trichlorofluoromethane
Concen: 2.306 ug/l
RT: 3.251 min Scan# 221
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion:101 Resp: 1301
Ion Ratio Lower Upper
101 100
103 65.4 49.4 74.0

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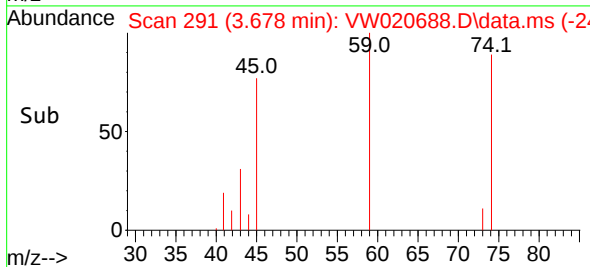
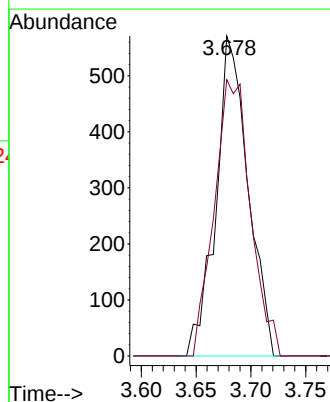
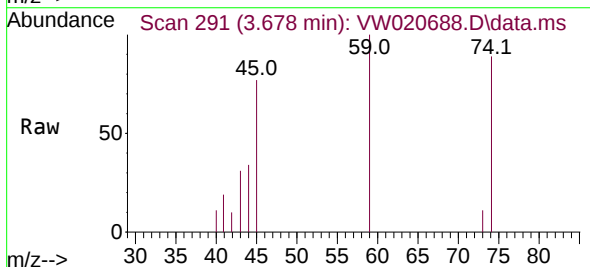
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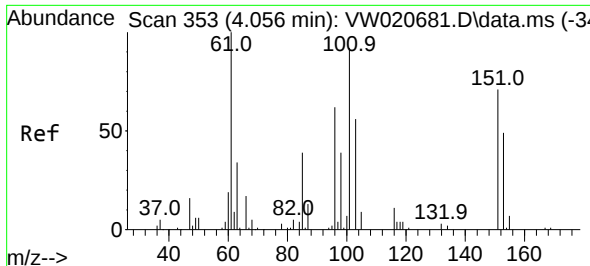
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#8
Diethyl Ether
Concen: 2.584 ug/l
RT: 3.678 min Scan# 291
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 1163
Ion Ratio Lower Upper
74 100
45 97.4 50.0 150.1





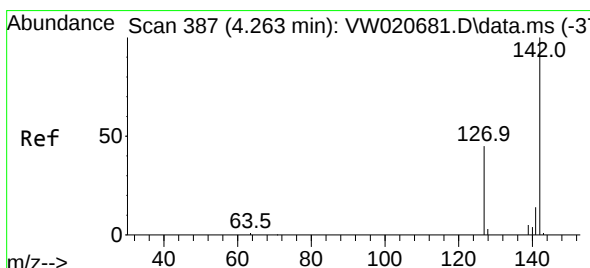
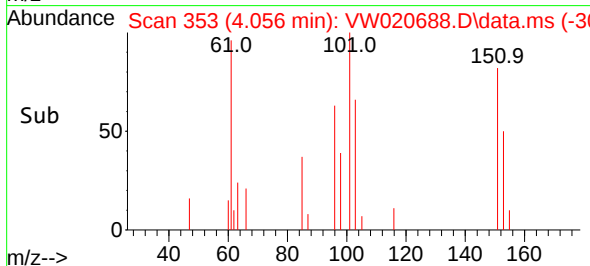
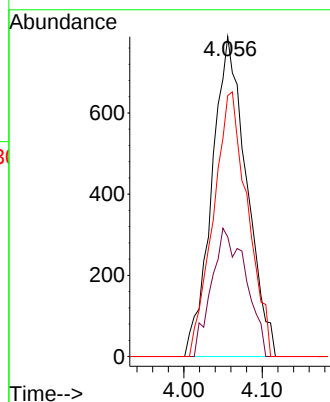
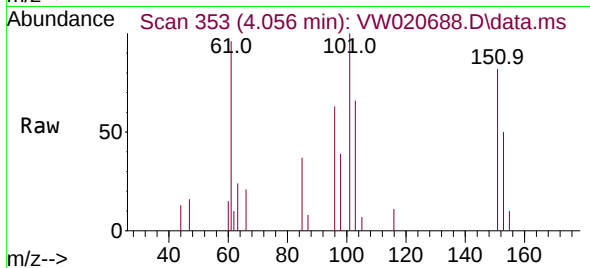
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.615 ug/l
RT: 4.056 min Scan# 353
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion:	101	Resp:	2421
Ion	Ratio	Lower	Upper
101	100		
85	39.9	34.9	52.3
151	81.9	64.5	96.7

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

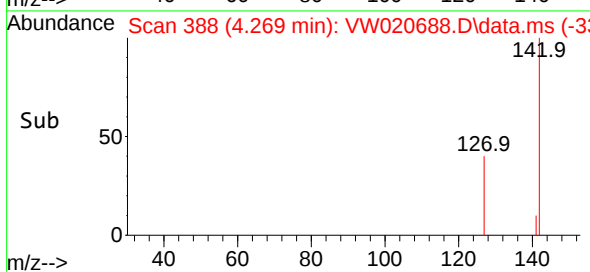
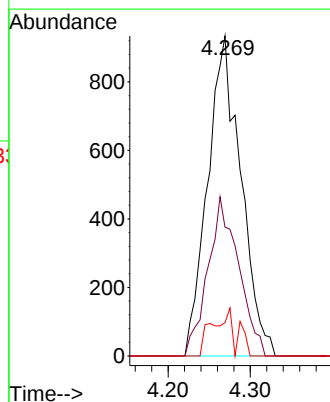
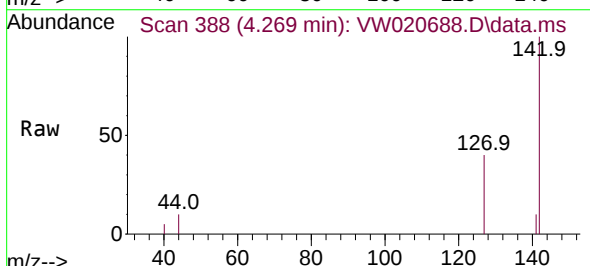
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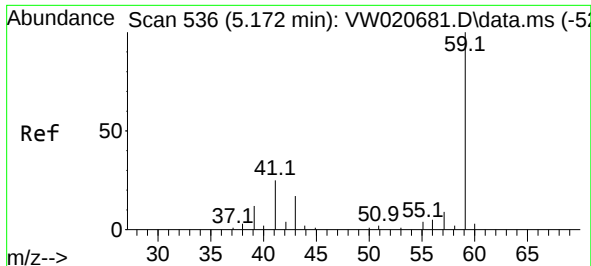
MMDadoda
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#10
Methyl Iodide
Concen: 2.283 ug/l
RT: 4.269 min Scan# 388
Delta R.T. 0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion:	142	Resp:	2624
Ion	Ratio	Lower	Upper
142	100		
127	45.9	35.8	53.6
141	3.8	11.8	17.6#





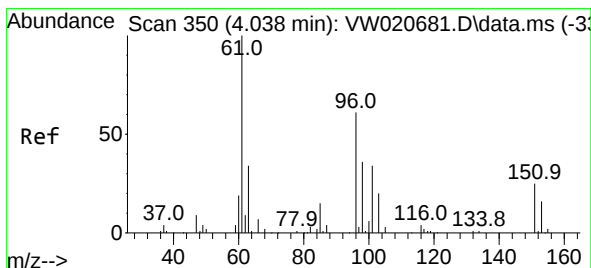
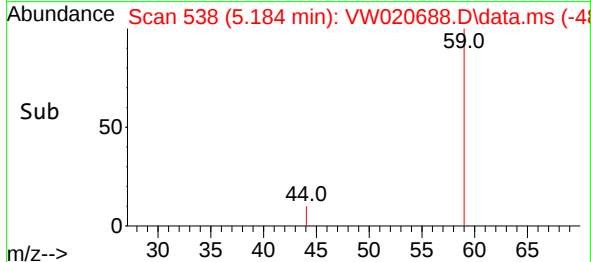
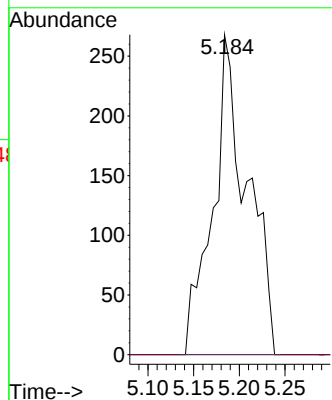
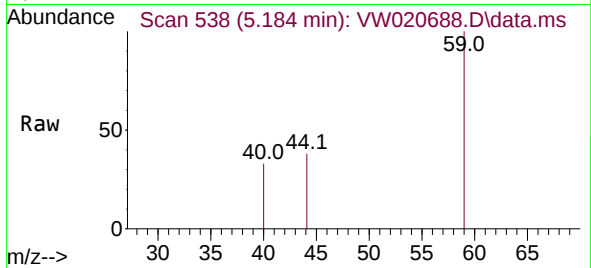
#11
Tert butyl alcohol
Concen: 11.120 ug/l
RT: 5.184 min Scan# 538
Delta R.T. 0.012 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion: 59 Resp: 703
Ion Ratio Lower Upper
59 100
57 0.0 4.2 6.2#

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

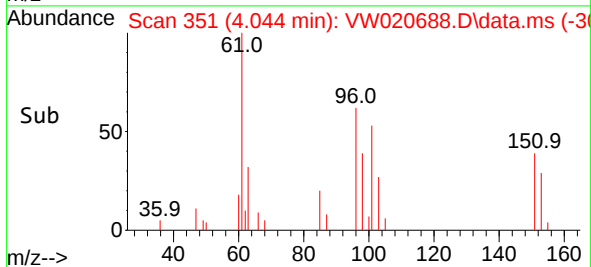
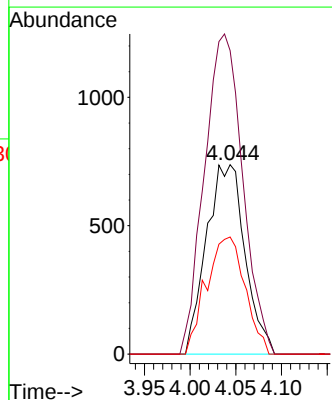
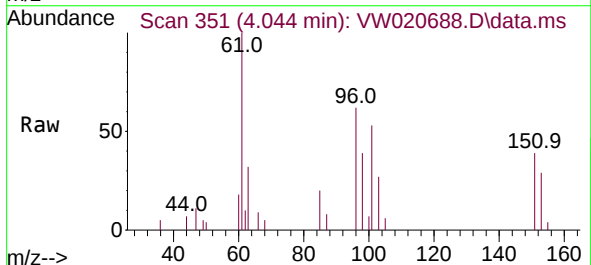
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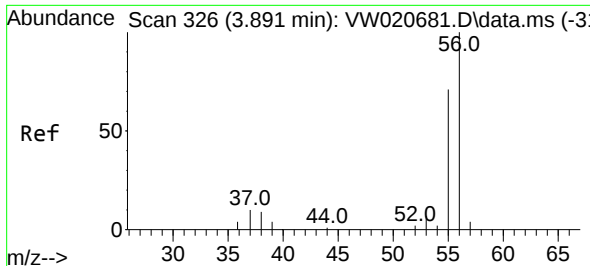
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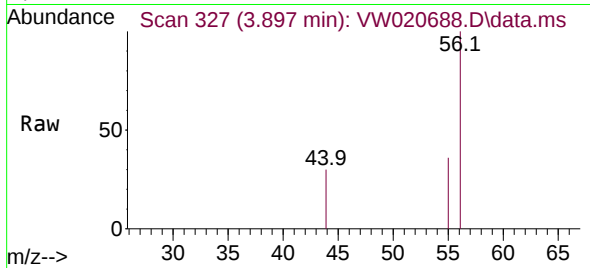
#12
1,1-Dichloroethene
Concen: 2.512 ug/l
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion: 96 Resp: 2172
Ion Ratio Lower Upper
96 100
61 160.2 131.0 196.6
98 61.8 47.8 71.6

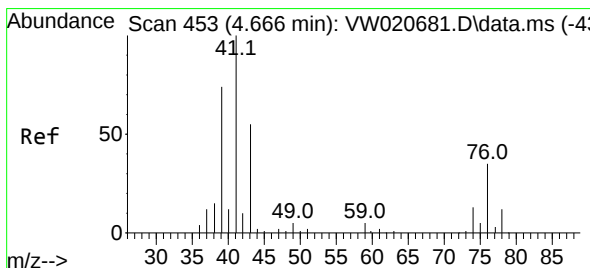
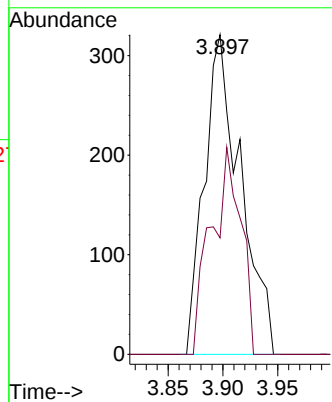
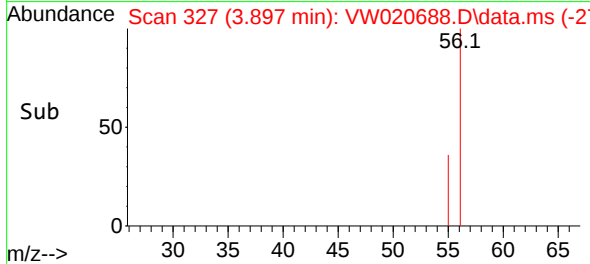




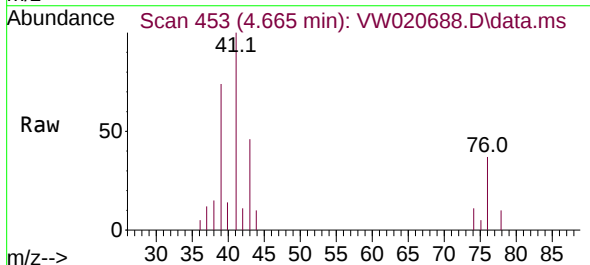
#13
Acrolein
Concen: 13.023 ug/l
RT: 3.897 min Scan# 327
Delta R.T. 0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



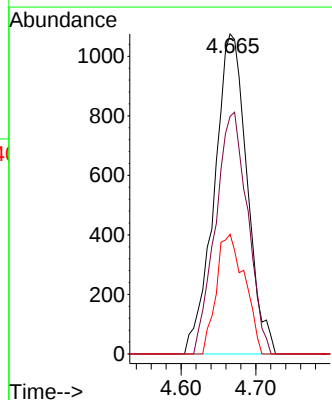
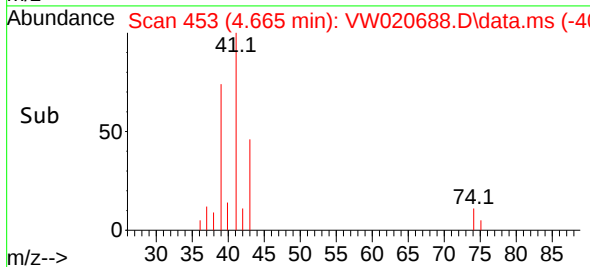
Tgt Ion: 56 Resp: 737
Ion Ratio Lower Upper
56 100
55 53.5 55.5 83.3#



#14
Allyl chloride
Concen: 2.347 ug/l
RT: 4.665 min Scan# 453
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



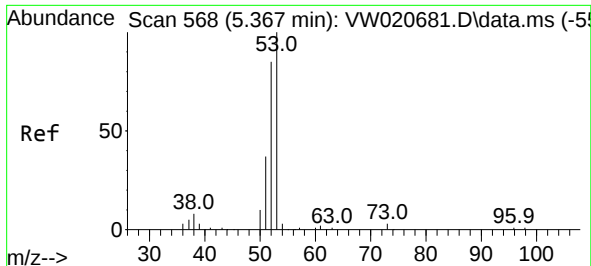
Tgt Ion: 41 Resp: 3276
Ion Ratio Lower Upper
41 100
39 74.0 57.1 85.7
76 32.4 27.1 40.7



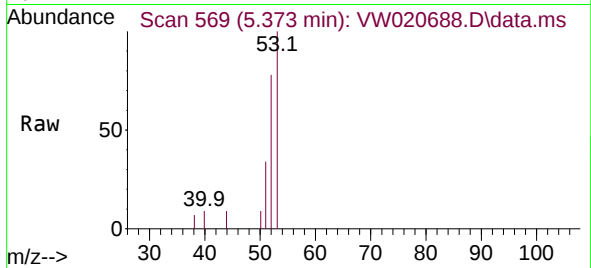
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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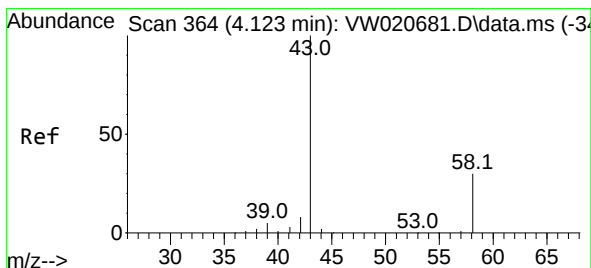
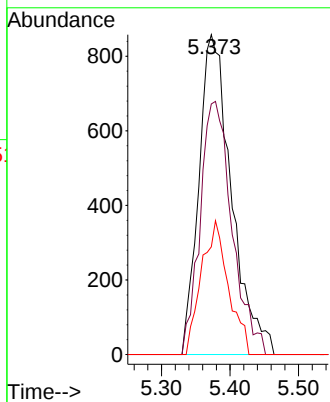
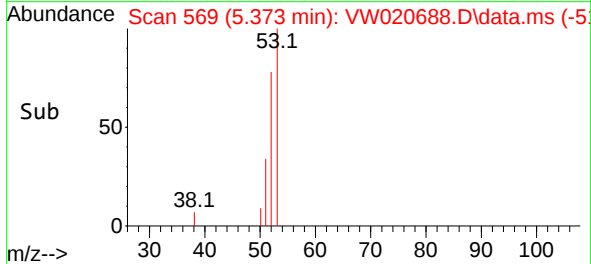
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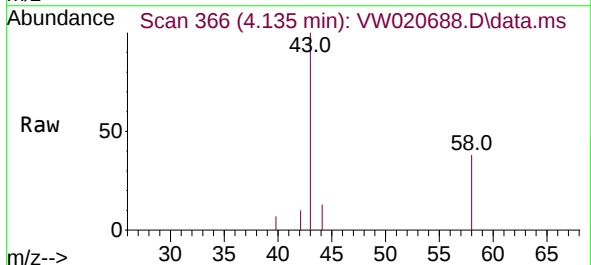
#15
Acrylonitrile
Concen: 12.367 ug/l
RT: 5.373 min Scan# 569
Delta R.T. 0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



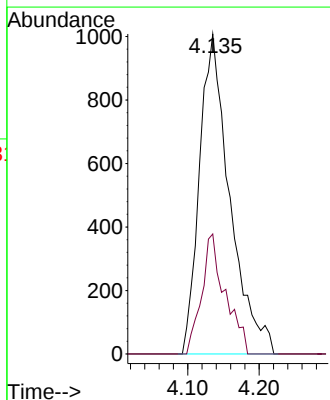
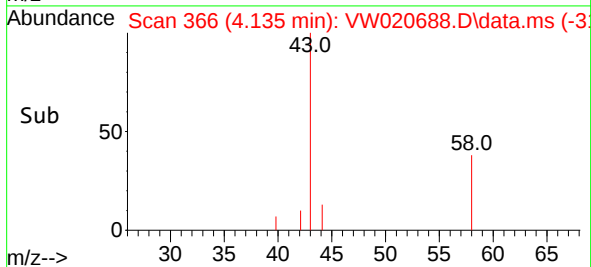
Tgt Ion	Ratio	Lower	Upper
53	100		
52	77.2	66.8	100.2
51	34.7	30.1	45.1



#16
Acetone
Concen: 11.768 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



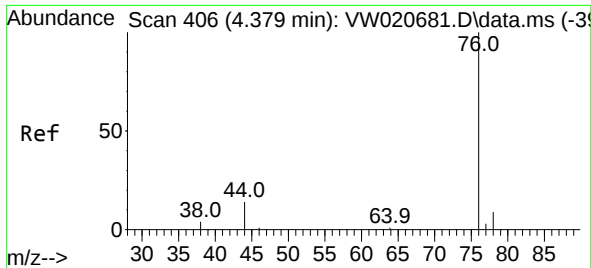
Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.5	24.2	36.2



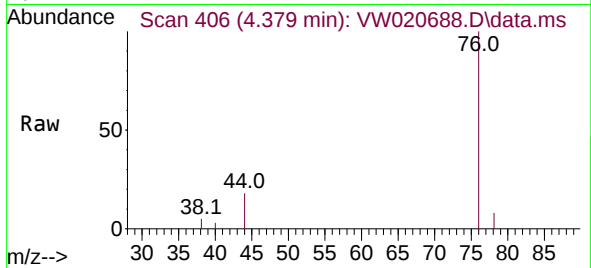
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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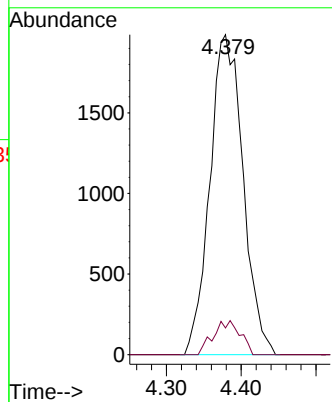
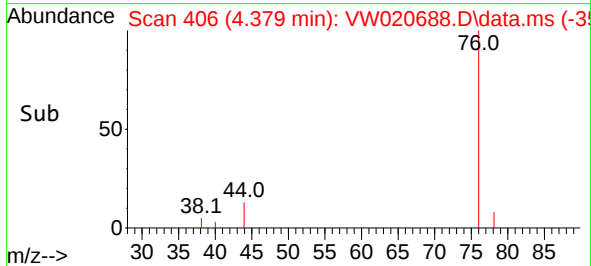
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#17
Carbon Disulfide
Concen: 2.434 ug/l
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



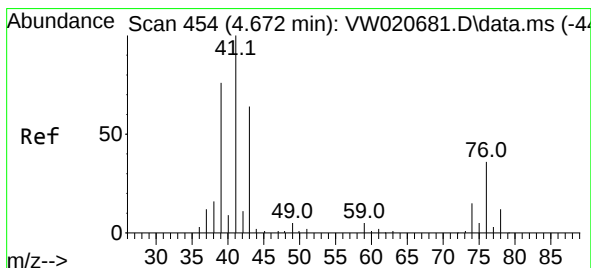
Tgt Ion: 76 Resp: 6116
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8



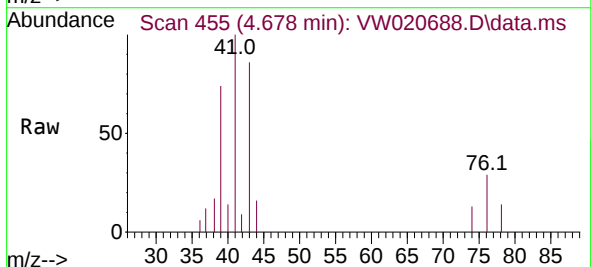
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
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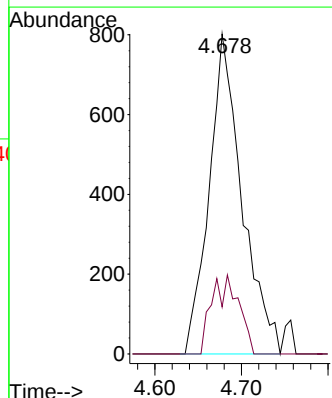
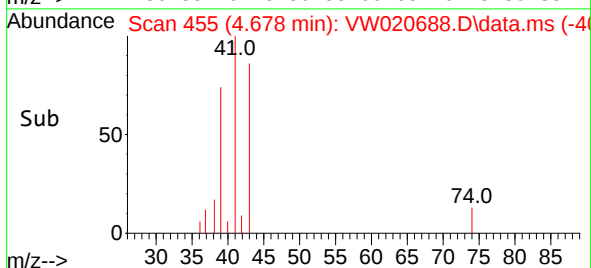
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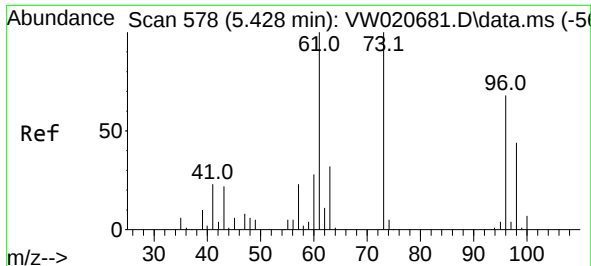


#18
Methyl Acetate
Concen: 2.705 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



Tgt Ion: 43 Resp: 2107
Ion Ratio Lower Upper
43 100
74 9.3 18.7 28.1#





#19

Methyl tert-butyl Ether

Concen: 2.357 ug/l

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

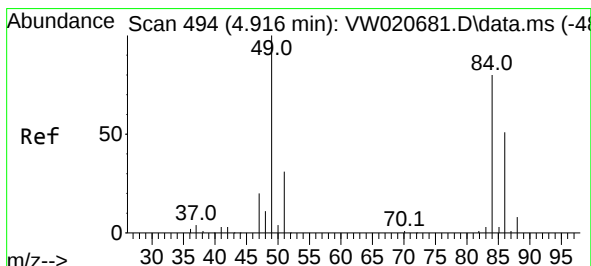
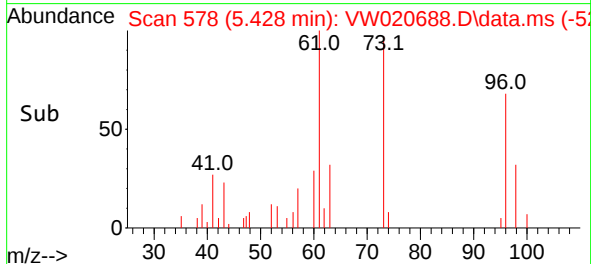
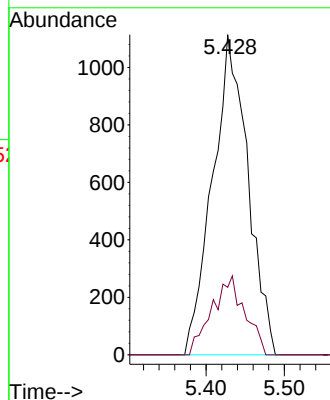
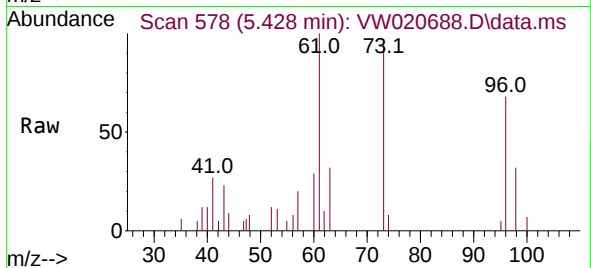
Lab File: VW020688.D

Acq: 22 Oct 2021 18:00

Tgt Ion: 73 Resp: 3496

Ion Ratio Lower Upper

73	100		
57	21.1	18.2	27.4



#20

Methylene Chloride

Concen: 8.284 ug/l

RT: 4.915 min Scan# 494

Delta R.T. -0.001 min

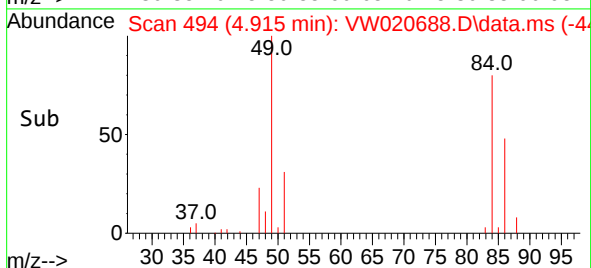
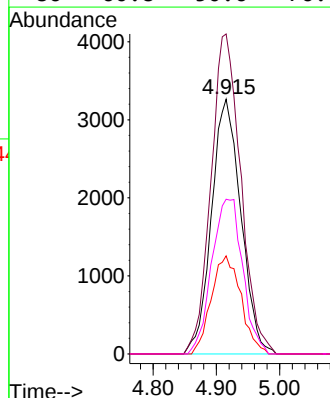
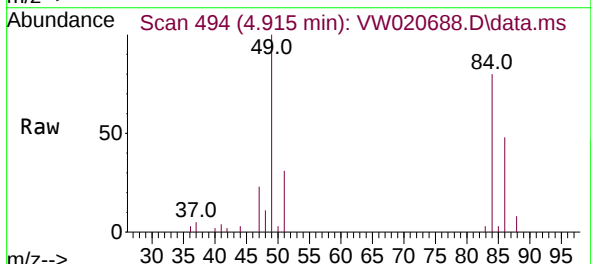
Lab File: VW020688.D

Acq: 22 Oct 2021 18:00

Tgt Ion: 84 Resp: 10535

Ion Ratio Lower Upper

84	100		
49	125.6	100.0	150.0
51	38.5	30.8	46.2
86	60.8	50.6	76.0



Instrument :

MSVOA_W

ClientSampleId :

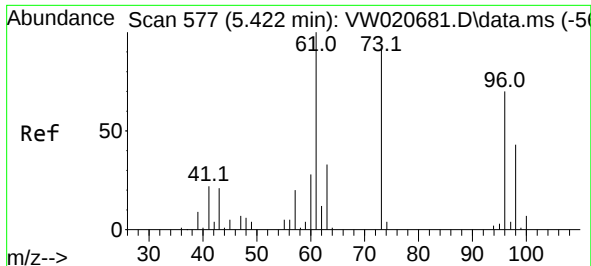
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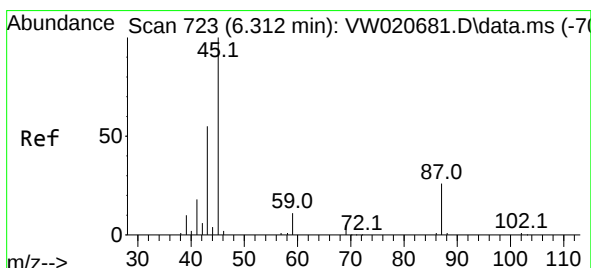
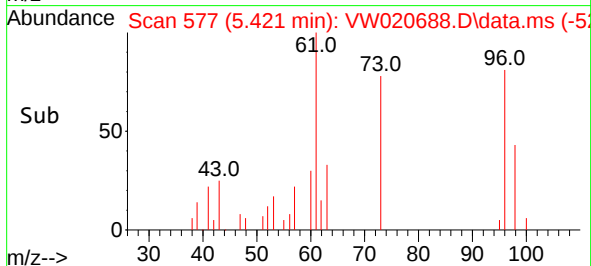
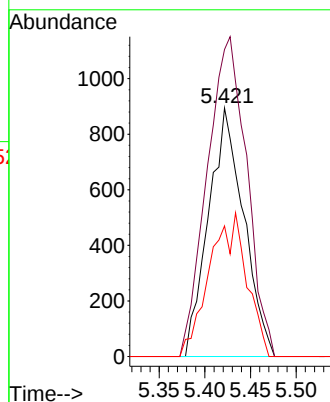
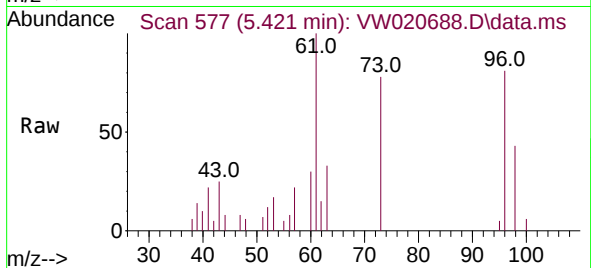
#21
trans-1,2-Dichloroethene
Concen: 2.480 ug/l
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion:	96	Resp:	2395
Ion	Ratio	Lower	Upper
96	100		
61	123.6	113.5	170.3
98	52.6	48.6	72.8

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

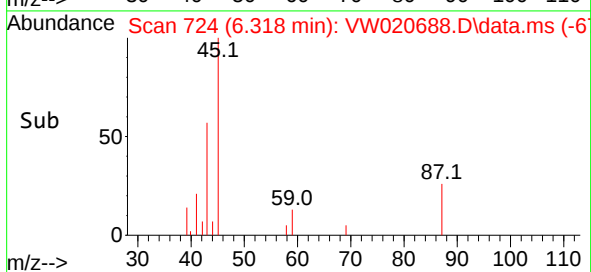
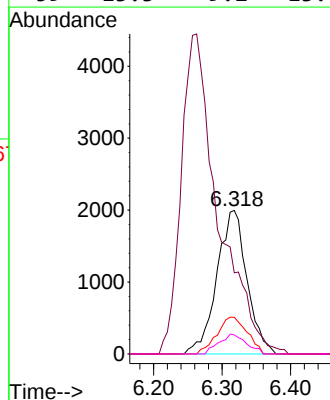
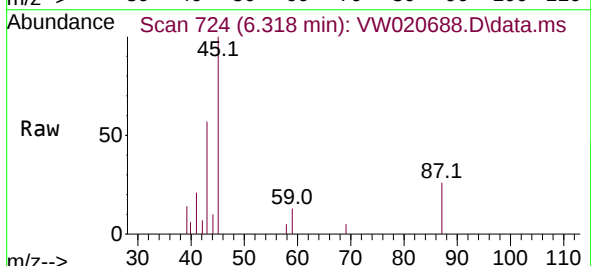
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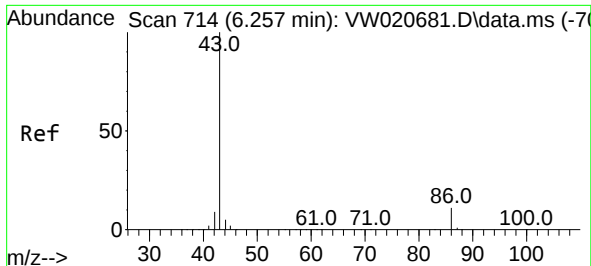
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#22
Diisopropyl ether
Concen: 2.226 ug/l
RT: 6.318 min Scan# 724
Delta R.T. 0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion:	45	Resp:	6080
Ion	Ratio	Lower	Upper
45	100		
43	53.4	45.1	67.7
87	25.6	21.2	31.8
59	13.3	9.2	13.8





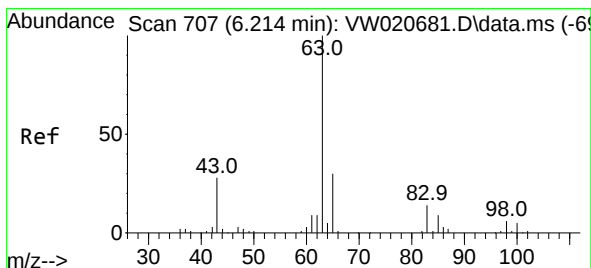
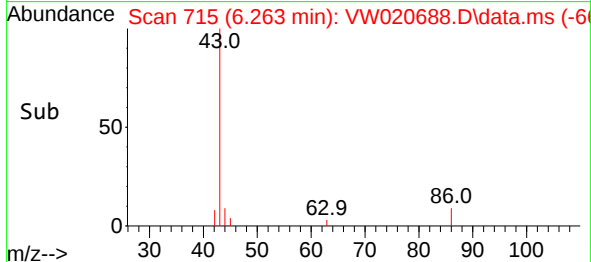
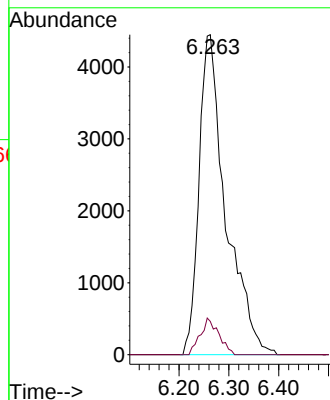
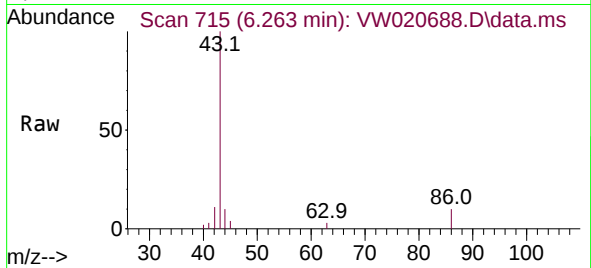
#23
 Vinyl Acetate
 Concen: 10.362 ug/l
 RT: 6.263 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW020688.D
 Acq: 22 Oct 2021 18:00

Tgt Ion: 43 Resp: 16578
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.5 12.7

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

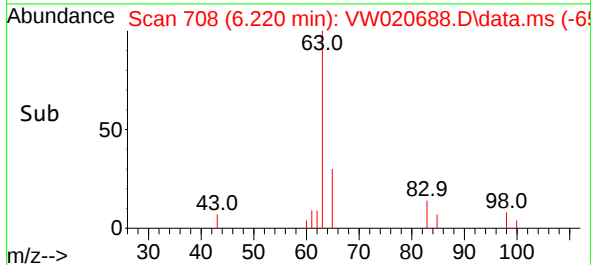
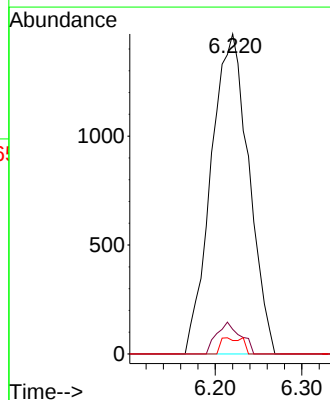
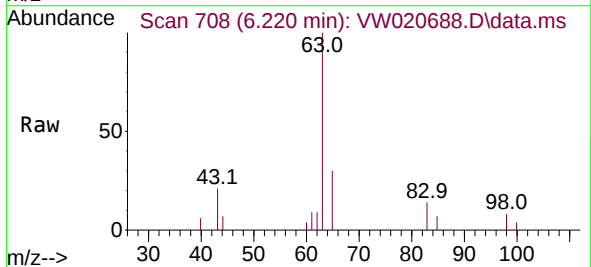
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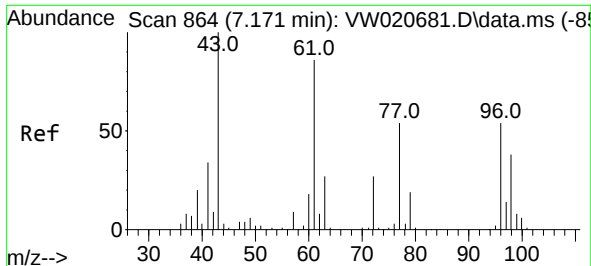
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#24
 1,1-Dichloroethane
 Concen: 2.545 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. 0.006 min
 Lab File: VW020688.D
 Acq: 22 Oct 2021 18:00

Tgt Ion: 63 Resp: 4444
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.2 9.6
 100 4.2 2.3 6.8





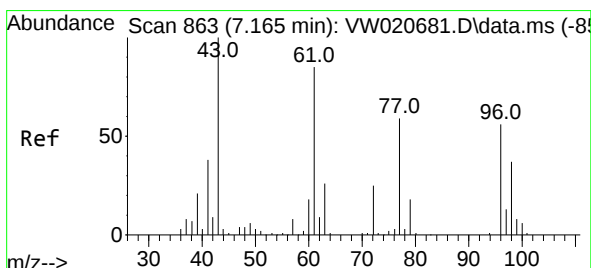
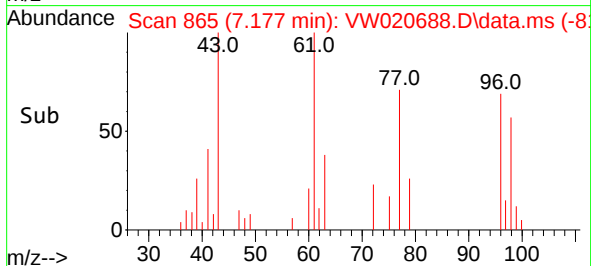
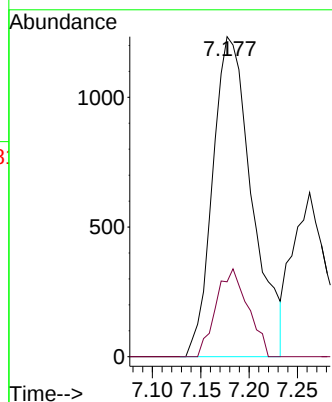
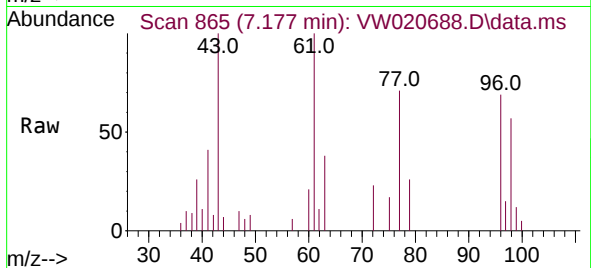
#25
2-Butanone
Concen: 11.060 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion: 43 Resp: 3482
Ion Ratio Lower Upper
43 100
72 23.4 21.4 32.0

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

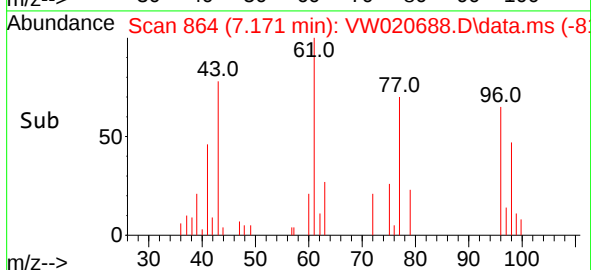
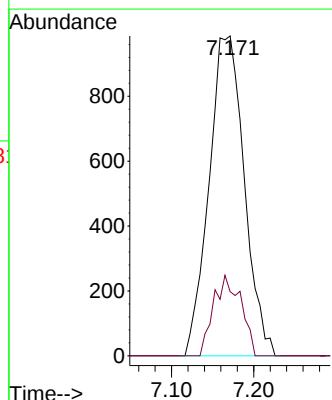
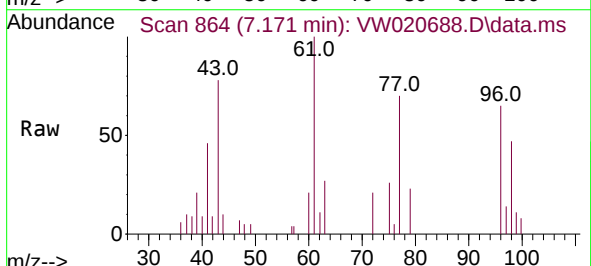
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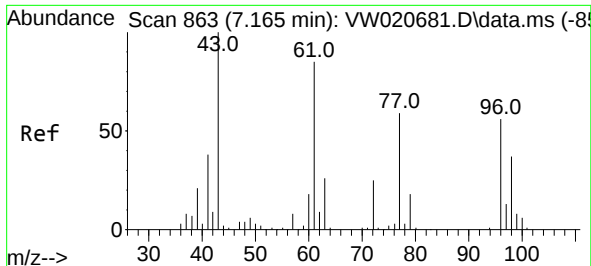
MMDadoda
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#26
2,2-Dichloropropane
Concen: 2.574 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion: 77 Resp: 2942
Ion Ratio Lower Upper
77 100
97 19.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 2.493 ug/l

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW020688.D

Acq: 22 Oct 2021 18:00

Tgt Ion:	96	Resp:	2566
Ion	Ratio	Lower	Upper
96	100		
61	145.2	0.0	298.0
98	66.7	0.0	129.4

Instrument :

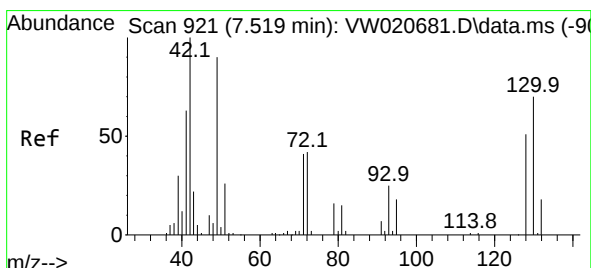
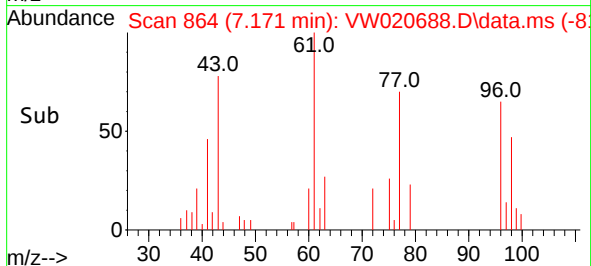
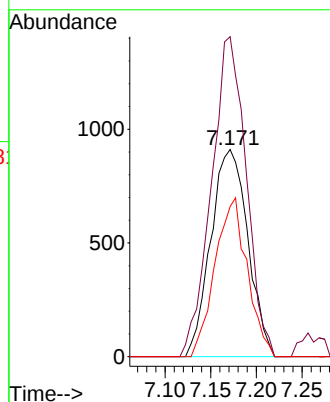
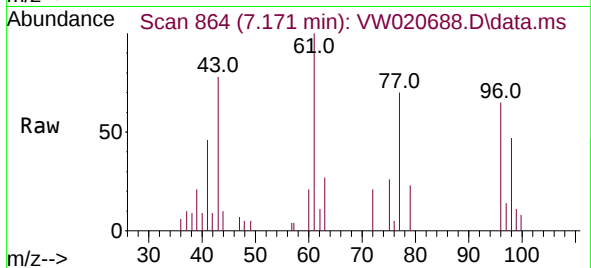
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ClientSampleId :

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#28

Bromochloromethane

Concen: 2.747 ug/l

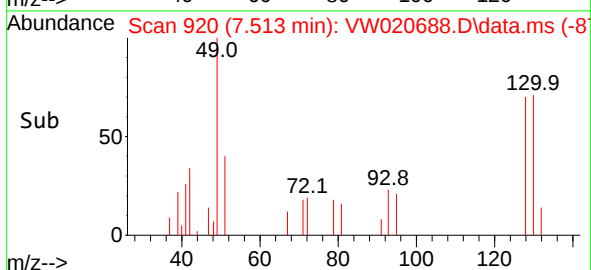
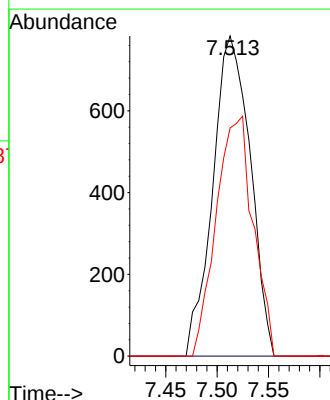
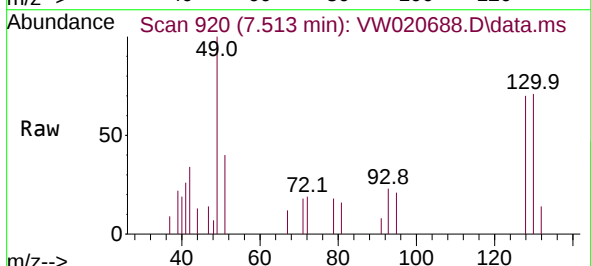
RT: 7.513 min Scan# 920

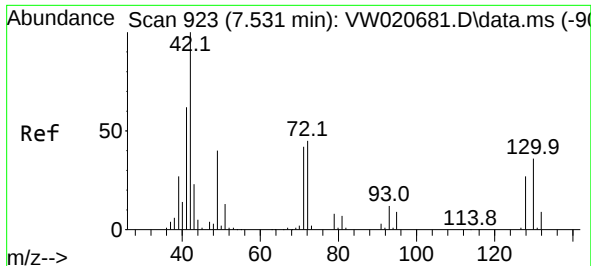
Delta R.T. -0.006 min

Lab File: VW020688.D

Acq: 22 Oct 2021 18:00

Tgt Ion:	49	Resp:	1983
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	74.1	63.0	94.6





#29

Tetrahydrofuran

Concen: 11.666 ug/l

RT: 7.537 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW020688.D

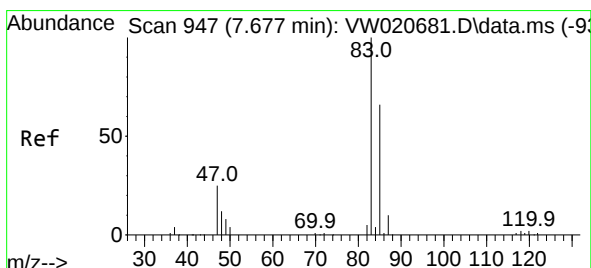
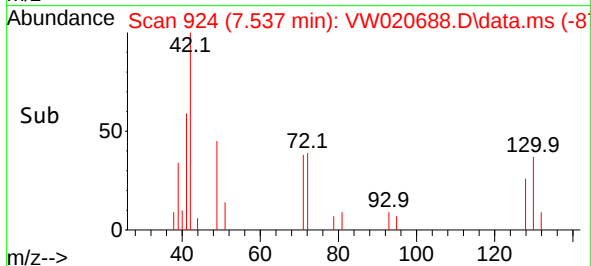
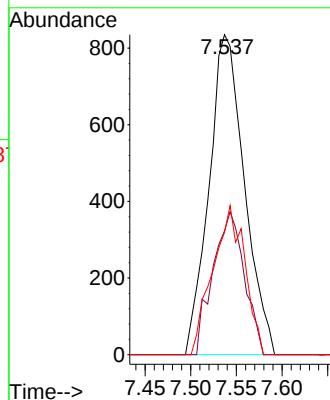
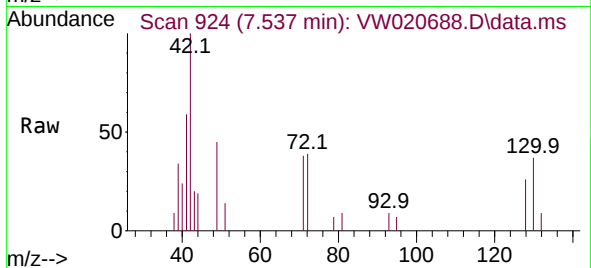
Acq: 22 Oct 2021 18:00

Tgt Ion:	42	Resp:	2247
Ion	Ratio	Lower	Upper
42	100		
72	39.7	35.0	52.6
71	42.2	32.2	48.4

Instrument :
MSVOA_W
ClientSampleId :
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#30

Chloroform

Concen: 2.603 ug/l

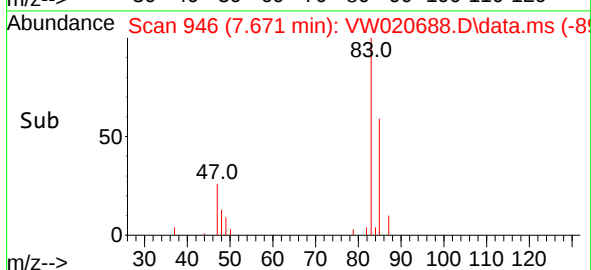
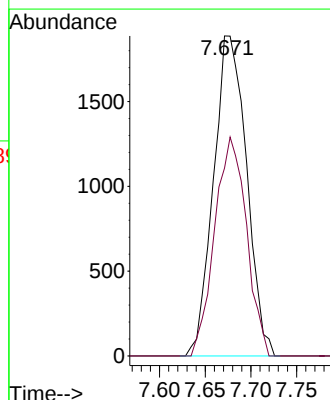
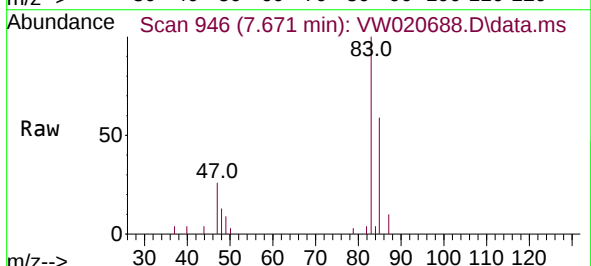
RT: 7.671 min Scan# 946

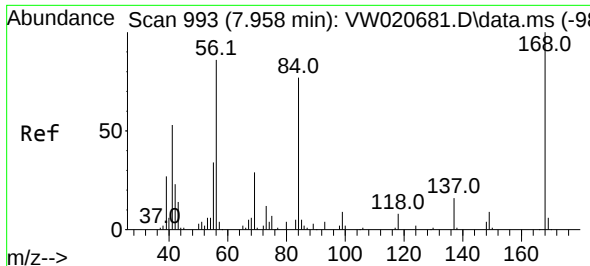
Delta R.T. -0.006 min

Lab File: VW020688.D

Acq: 22 Oct 2021 18:00

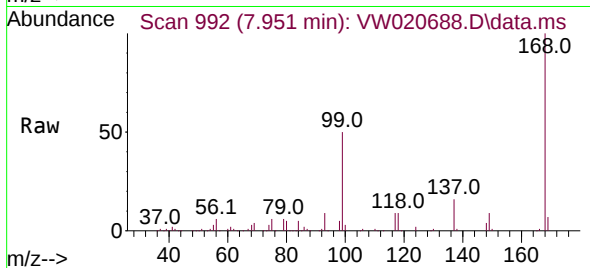
Tgt Ion:	83	Resp:	4742
Ion	Ratio	Lower	Upper
83	100		
85	58.7	52.9	79.3





#31
Cyclohexane
Concen: 3.417 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

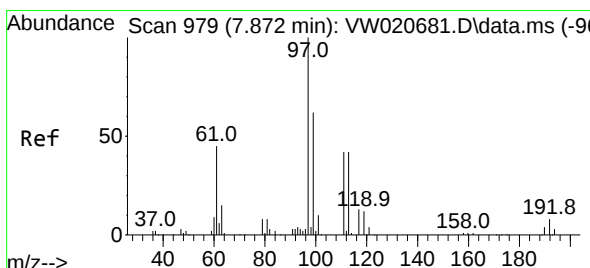
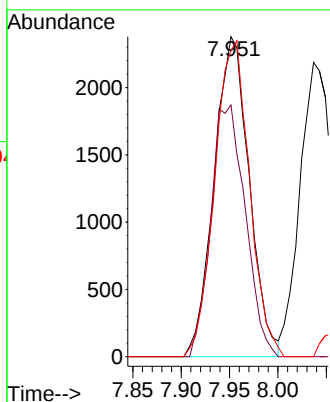
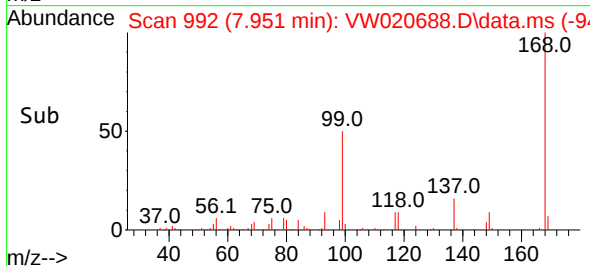
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



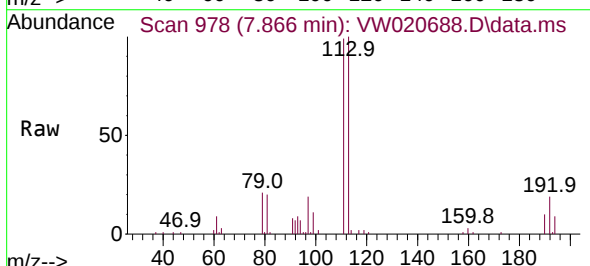
Tgt Ion: 56 Resp: 5987
Ion Ratio Lower Upper
56 100
69 78.6 27.2 40.8#
84 95.7 71.8 107.6

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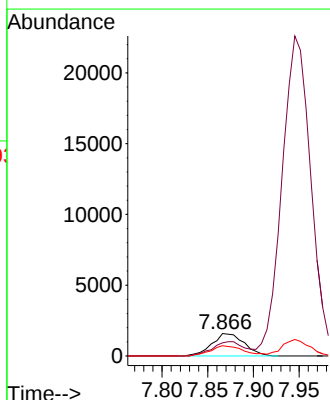
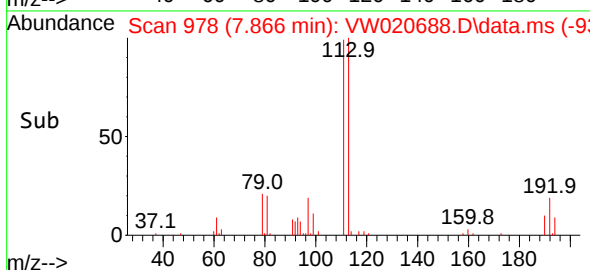
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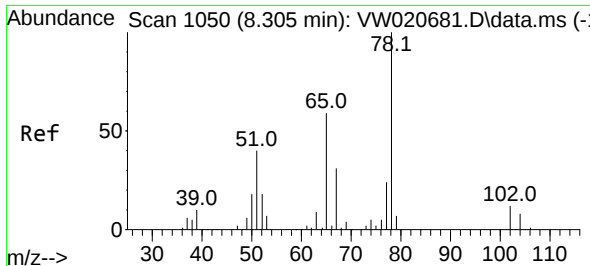


#32
1,1,1-Trichloroethane
Concen: 2.518 ug/l
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



Tgt Ion: 97 Resp: 3879
Ion Ratio Lower Upper
97 100
99 66.4 50.6 75.8
61 47.3 36.6 55.0





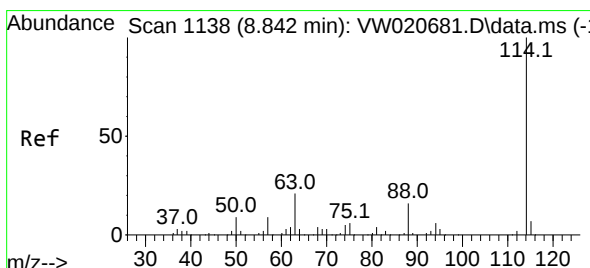
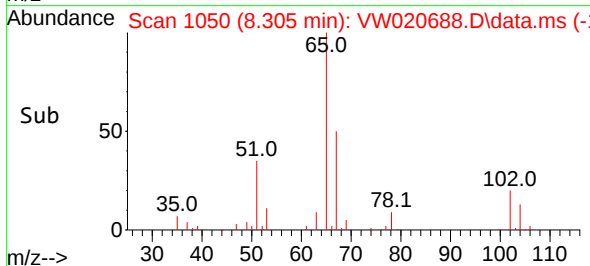
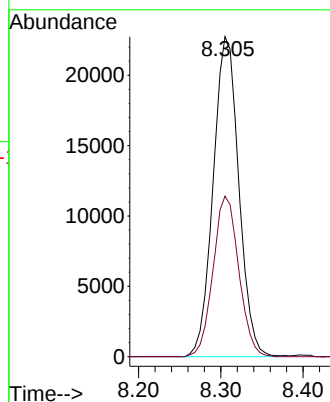
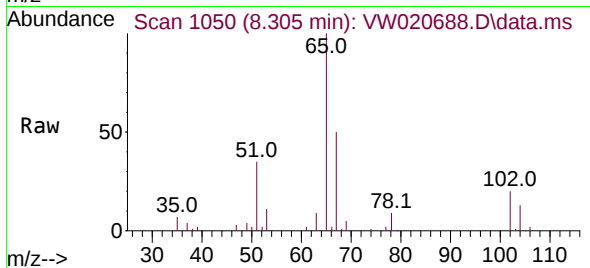
#33
1,2-Dichloroethane-d4
Concen: 47.744 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion: 65 Resp: 49286
Ion Ratio Lower Upper
65 100
67 50.2 0.0 102.2

Instrument :
MSVOA_W
ClientSampleId :
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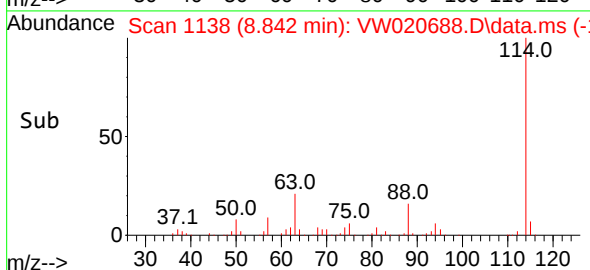
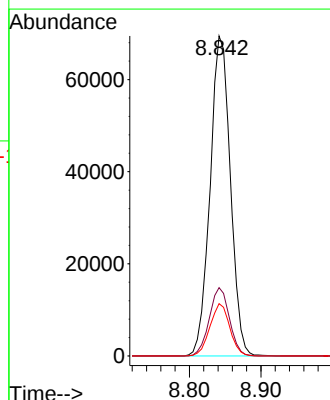
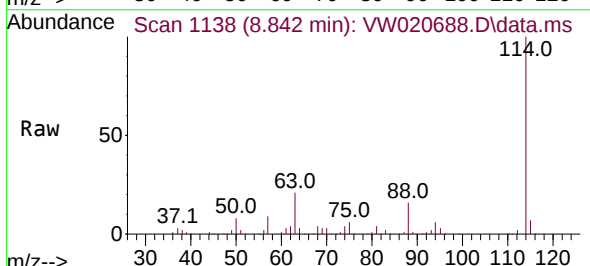
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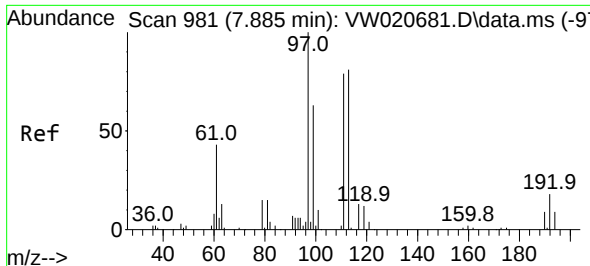
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

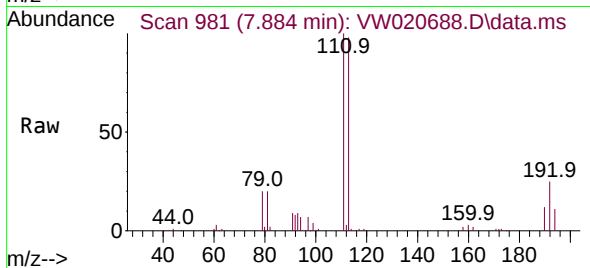
Tgt Ion: 114 Resp: 136972
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.8
88 16.3 0.0 33.0





#35
Dibromofluoromethane
Concen: 47.188 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

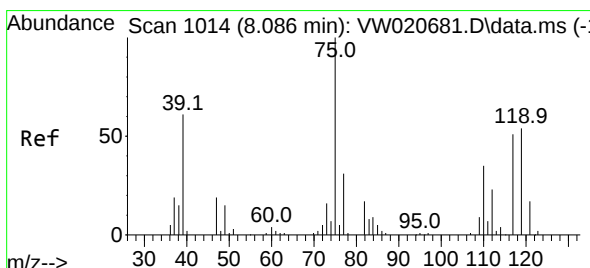
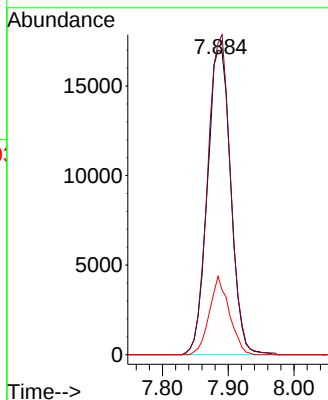
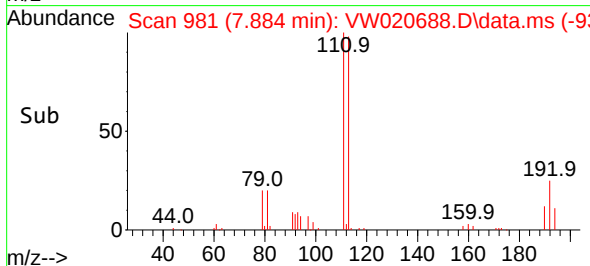
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



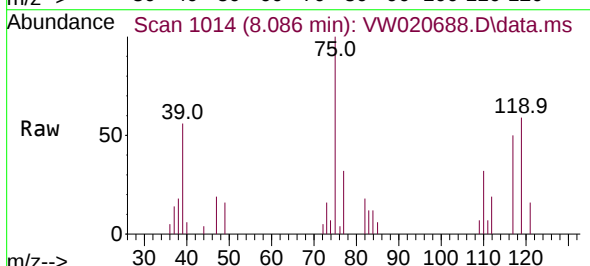
Tgt Ion:113 Resp: 42270
Ion Ratio Lower Upper
113 100
111 102.4 82.1 123.1
192 21.9 17.8 26.8

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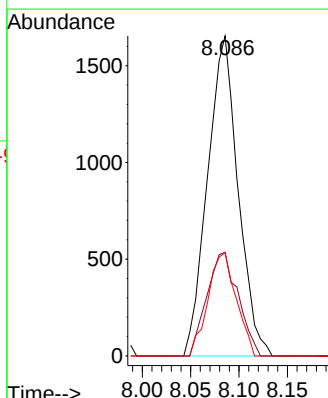
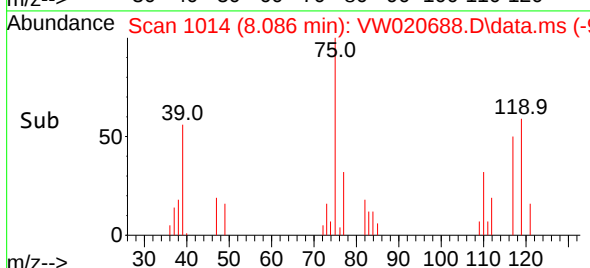
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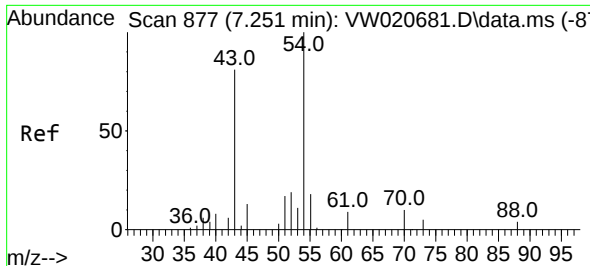


#36
1,1-Dichloropropene
Concen: 2.460 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



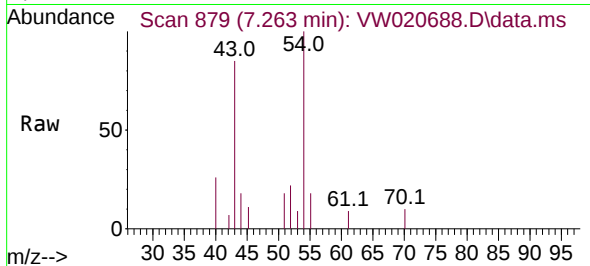
Tgt Ion: 75 Resp: 3629
Ion Ratio Lower Upper
75 100
110 33.1 17.1 51.3
77 29.8 24.9 37.3





#37
Ethyl Acetate
Concen: 2.441 ug/l
RT: 7.263 min Scan# 879
Delta R.T. 0.012 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

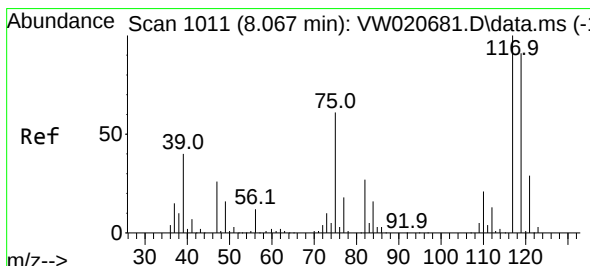
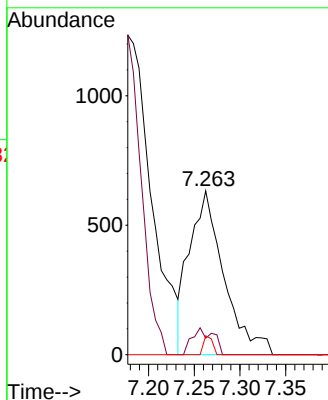
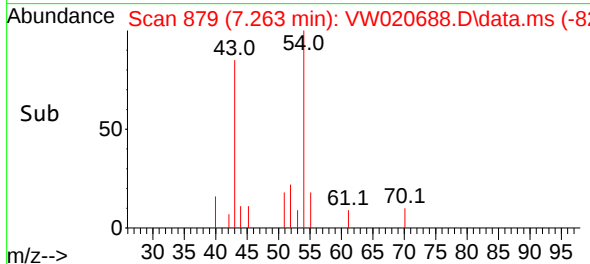
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



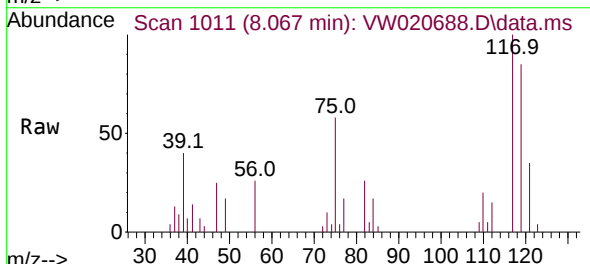
Tgt Ion: 43 Resp: 1666
Ion Ratio Lower Upper
43 100
61 10.1 10.3 15.5#
70 2.9 8.8 13.2#

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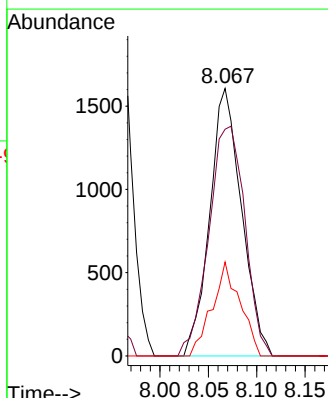
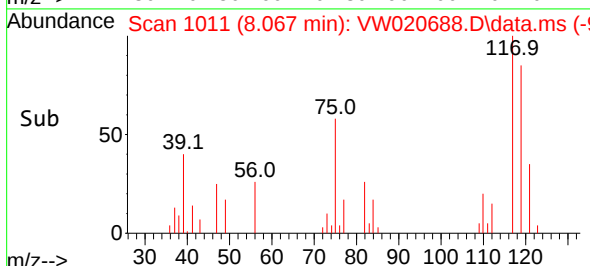
MMDadoda
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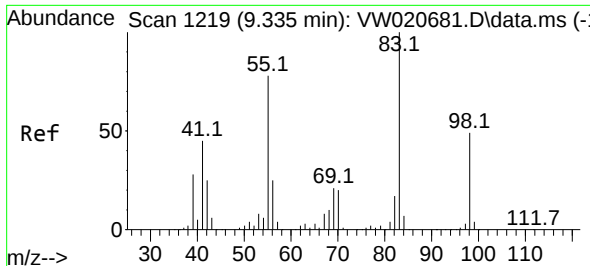


#38
Carbon Tetrachloride
Concen: 2.517 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



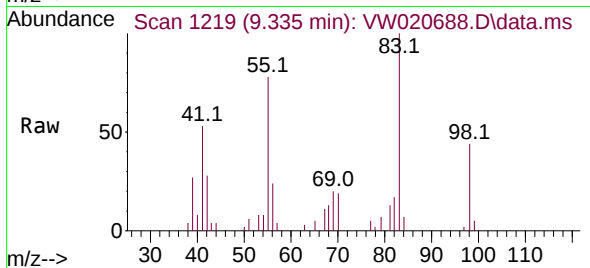
Tgt Ion: 117 Resp: 3682
Ion Ratio Lower Upper
117 100
119 84.8 72.9 109.3
121 35.1 23.4 35.0#





#39
Methylcyclohexane
Concen: 2.438 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

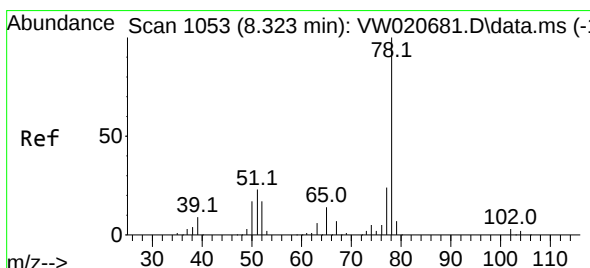
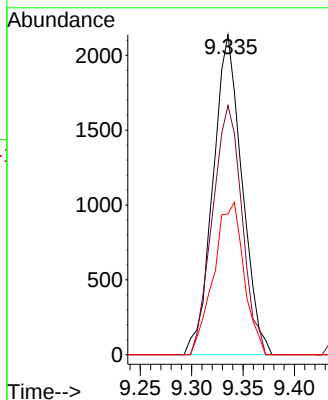
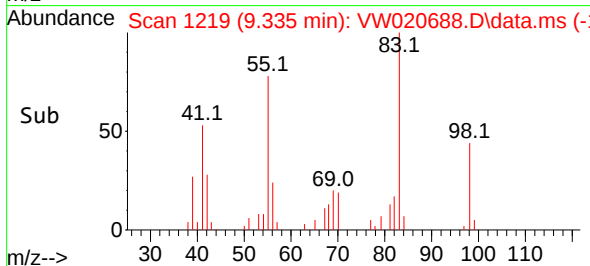
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



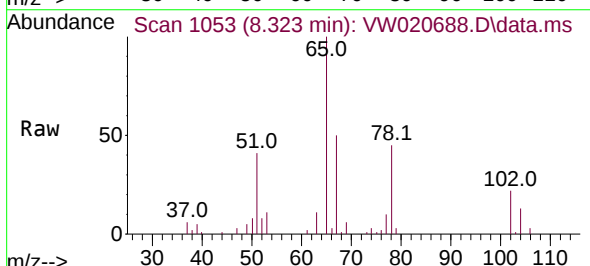
Tgt Ion: 83 Resp: 4193
Ion Ratio Lower Upper
83 100
55 77.9 62.6 94.0
98 44.0 38.8 58.2

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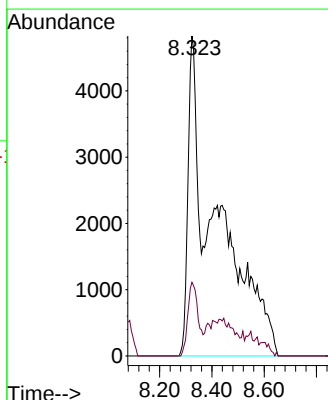
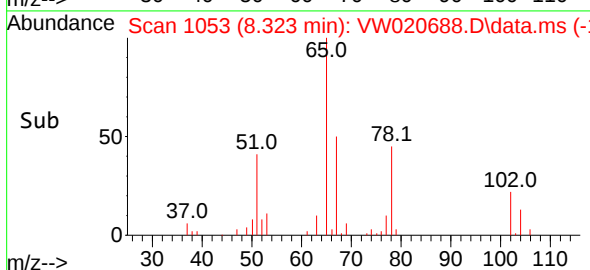
MMDadoda
10/25/2021 11:56:21 AM

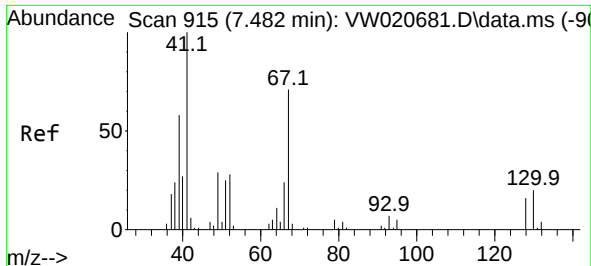


#40
Benzene
Concen: 8.803 ug/l m
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

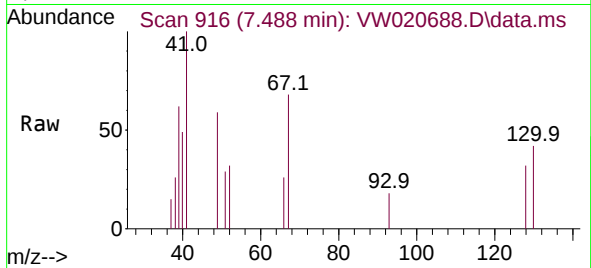


Tgt Ion: 78 Resp: 35537
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6

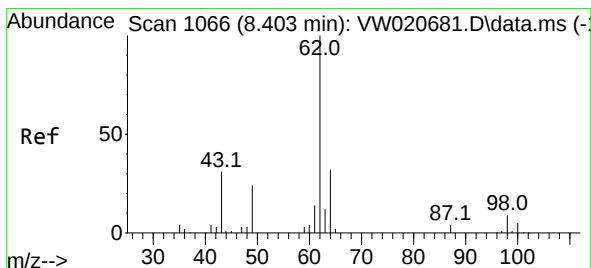
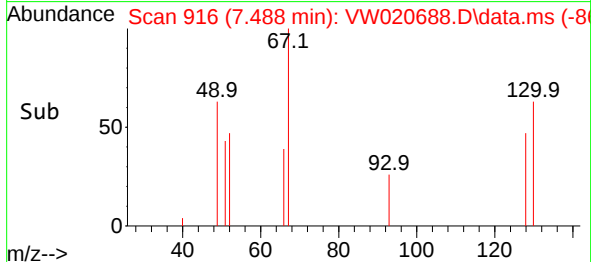
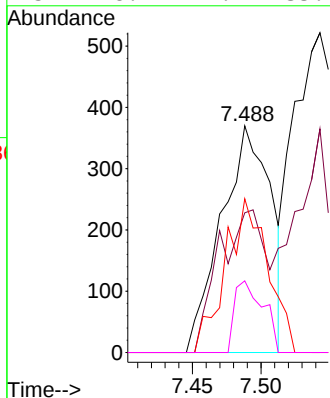




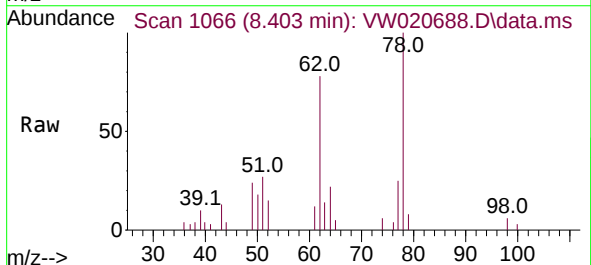
#41
Methacrylonitrile
Concen: 2.324 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



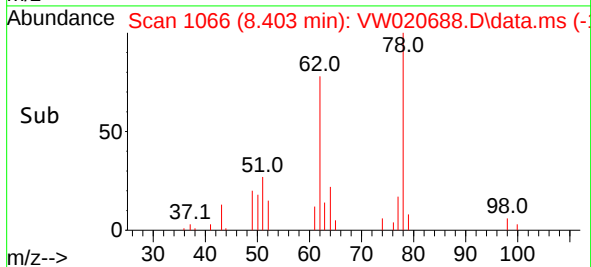
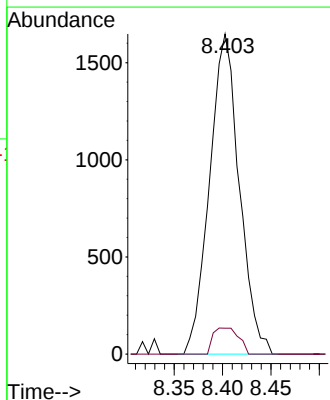
Tgt Ion:	41	Resp:	924
Ion	Ratio	Lower	Upper
41	100		
39	59.2	44.3	66.5
67	58.7	50.9	76.3
52	18.4	22.2	33.4



#42
1,2-Dichloroethane
Concen: 2.717 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



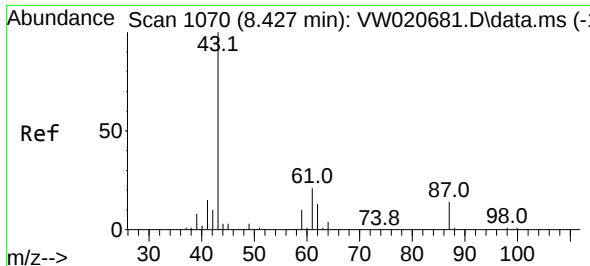
Tgt Ion:	62	Resp:	3531
Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	17.8



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

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#43

Isopropyl Acetate

Concen: 2.274 ug/l

RT: 8.427 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VW020688.D

Acq: 22 Oct 2021 18:00

Tgt Ion:	43	Resp:	2880
Ion	Ratio	Lower	Upper
43	100		
61	36.4	23.3	34.9#
87	10.4	10.4	15.6

Instrument :

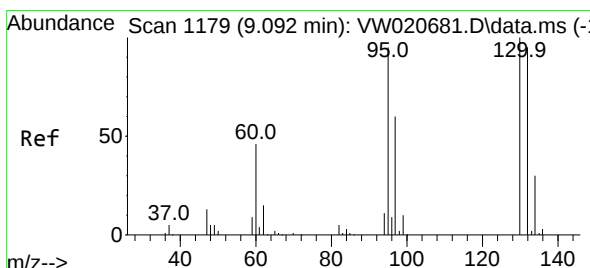
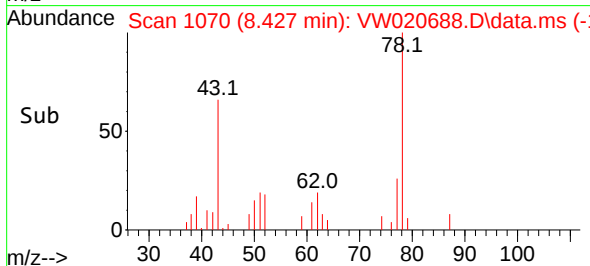
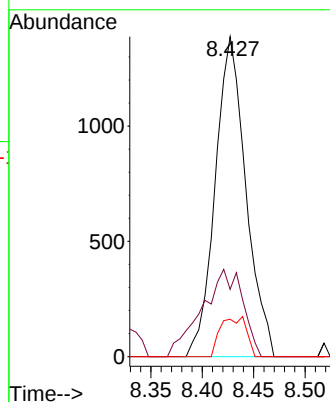
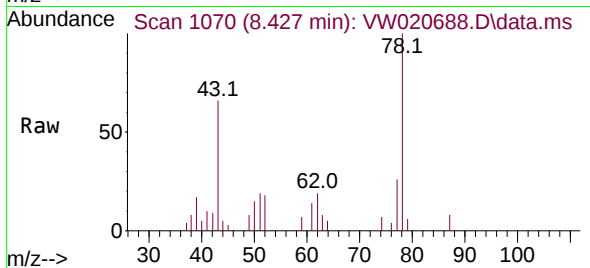
MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

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#44

Trichloroethene

Concen: 2.625 ug/l

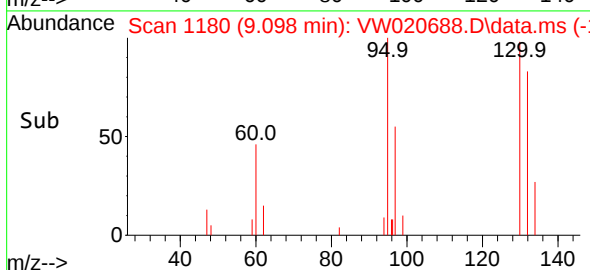
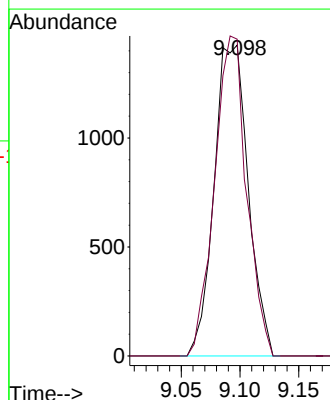
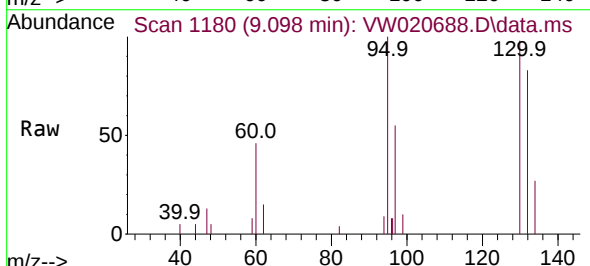
RT: 9.098 min Scan# 1180

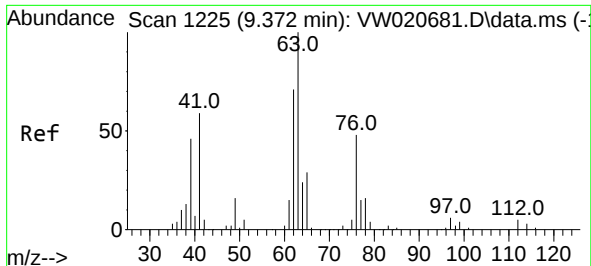
Delta R.T. 0.006 min

Lab File: VW020688.D

Acq: 22 Oct 2021 18:00

Tgt Ion:	130	Resp:	2880
Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	189.2





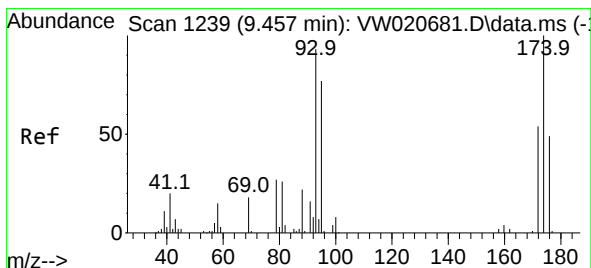
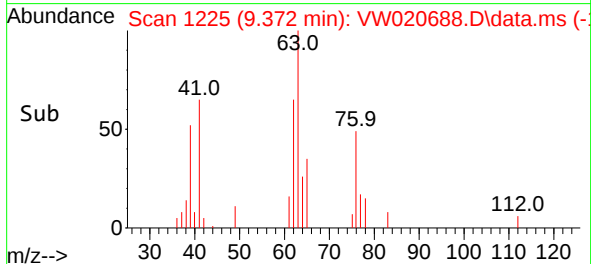
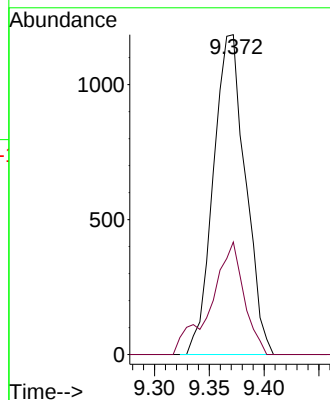
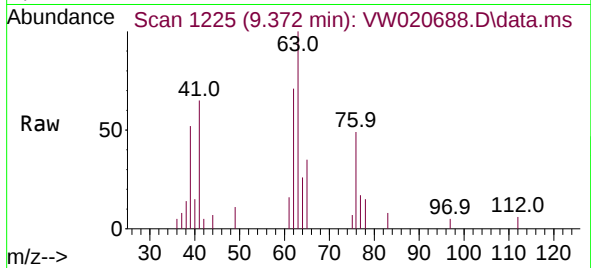
#45
1,2-Dichloropropane
Concen: 2.492 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion: 63 Resp: 2412
Ion Ratio Lower Upper
63 100
65 35.2 23.7 35.5

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

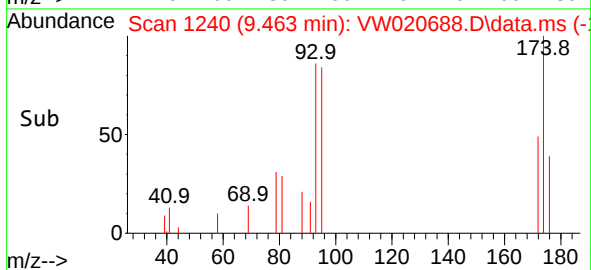
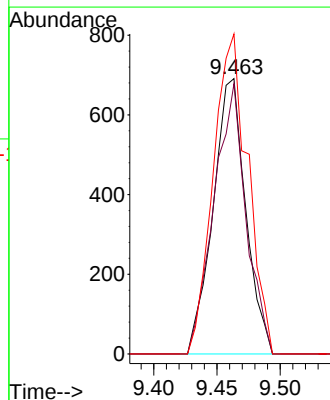
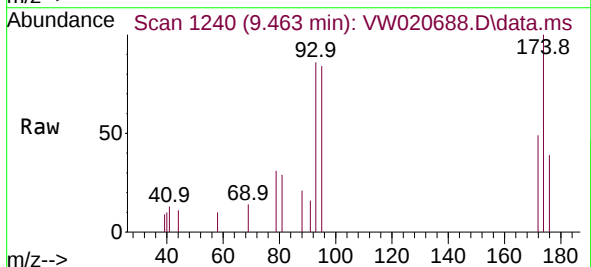
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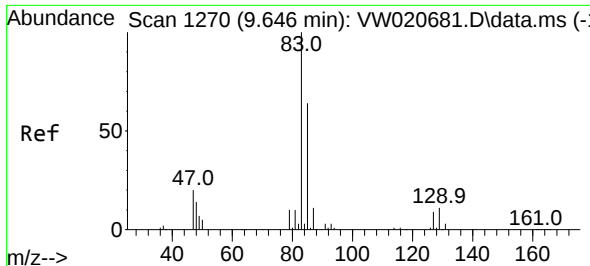
MMDadoda
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#46
Dibromomethane
Concen: 2.279 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion: 93 Resp: 1239
Ion Ratio Lower Upper
93 100
95 96.5 67.0 100.4
174 122.9 88.9 133.3





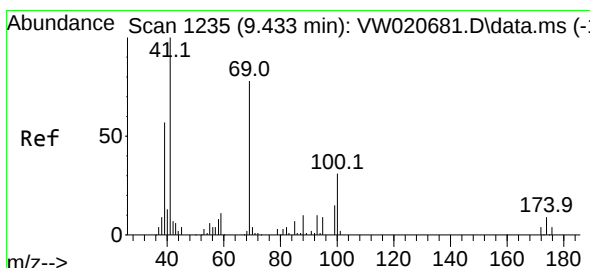
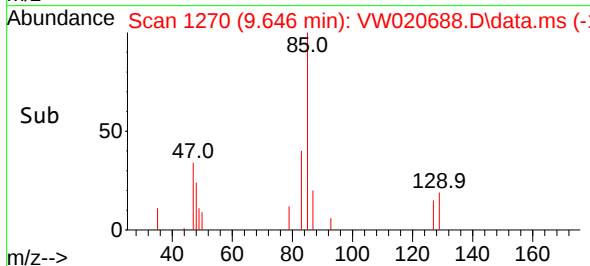
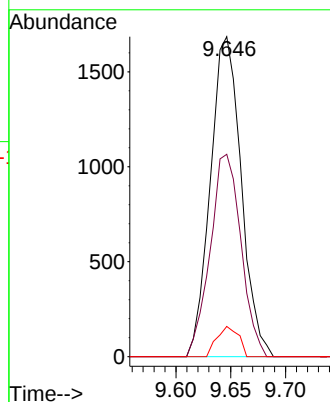
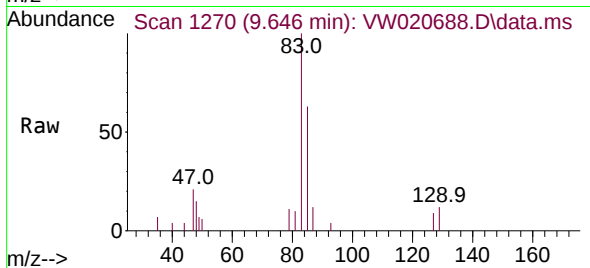
#47
Bromodichloromethane
Concen: 2.456 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion:	83	Resp:	3291
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.0	76.6
127	9.4	7.0	10.4

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

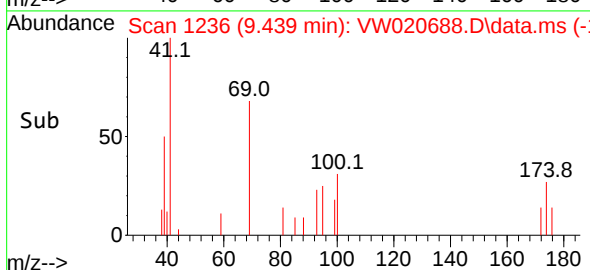
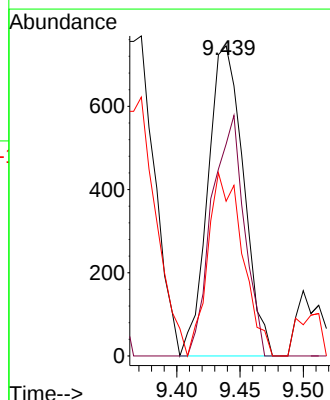
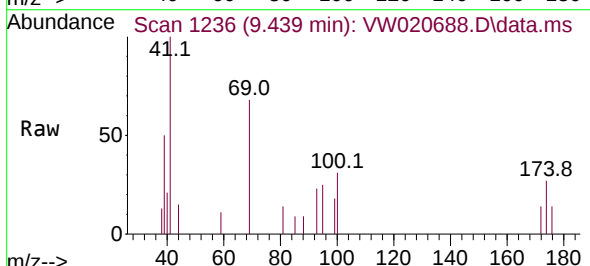
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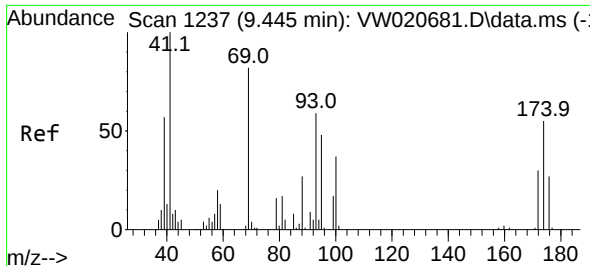
MMDadoda
10/25/2021 11:56:21 AM



#48
Methyl methacrylate
Concen: 2.399 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion:	41	Resp:	1462
Ion	Ratio	Lower	Upper
41	100		
69	70.5	67.2	100.8
39	57.6	47.0	70.6





#49

1,4-Dioxane

Concen: 41.936 ug/l

RT: 9.463 min Scan# 1240

Delta R.T. 0.018 min

Lab File: VW020688.D

Acq: 22 Oct 2021 18:00

Tgt Ion: 88 Resp: 303

Ion Ratio Lower Upper

88 100

43 0.0 28.8 43.2#

58 61.7 59.6 89.4

Instrument :

MSVOA_W

ClientSampleId :

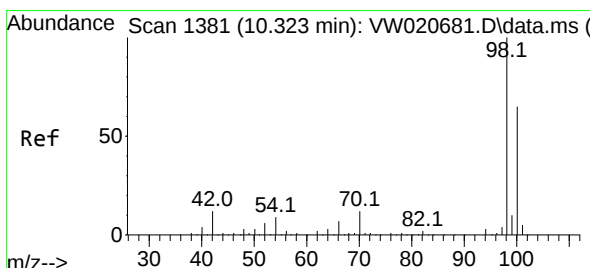
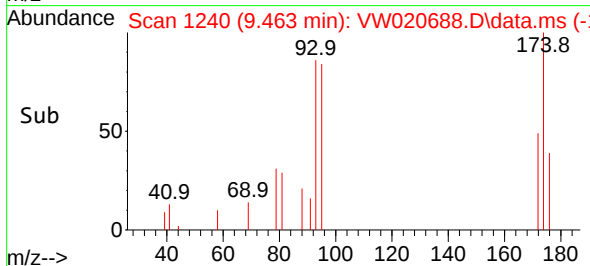
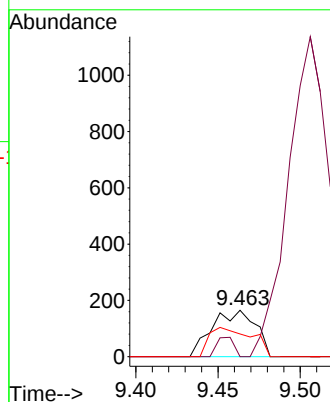
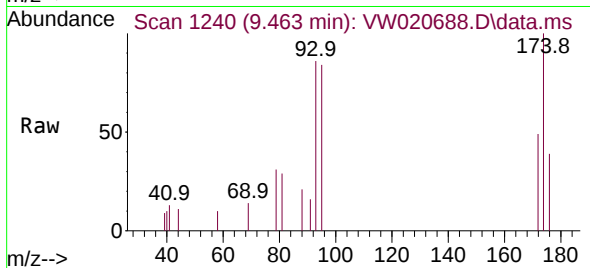
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#50

Toluene-d8

Concen: 46.979 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VW020688.D

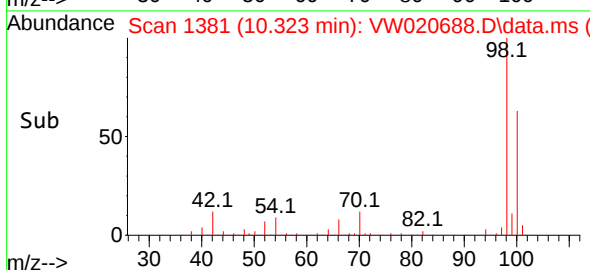
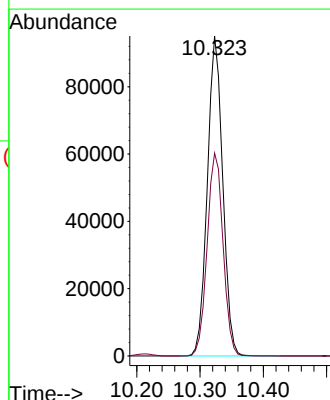
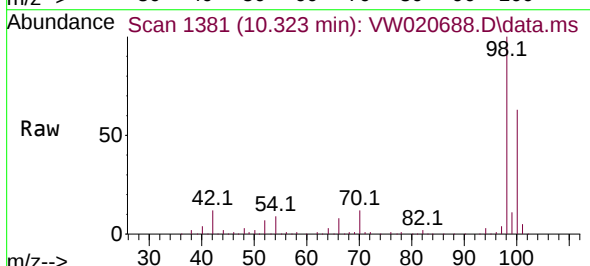
Acq: 22 Oct 2021 18:00

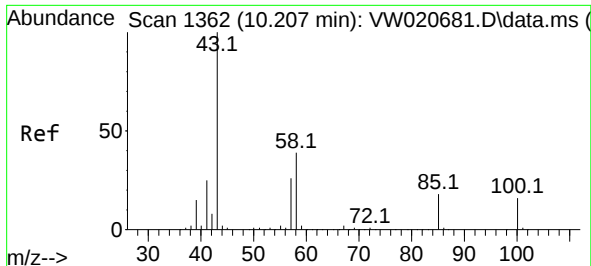
Tgt Ion: 98 Resp: 160847

Ion Ratio Lower Upper

98 100

100 65.4 53.2 79.8





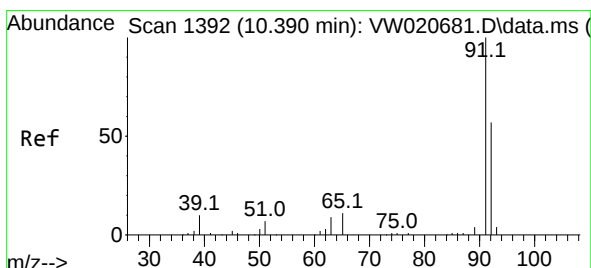
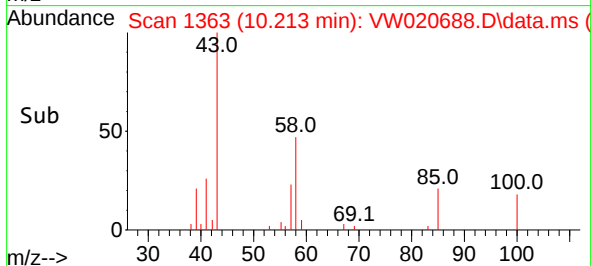
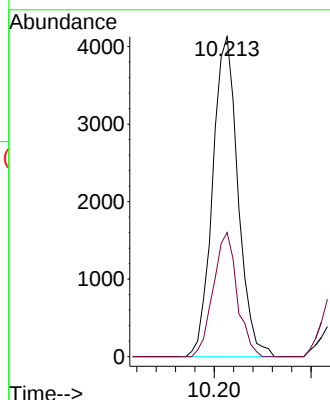
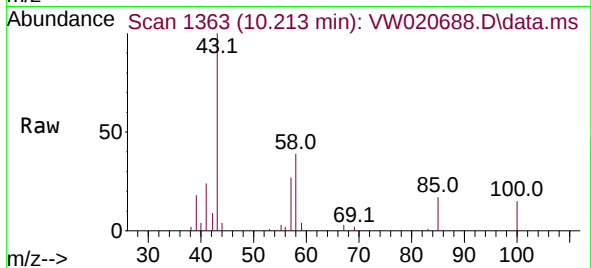
#51
4-Methyl-2-Pentanone
Concen: 10.931 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion: 43 Resp: 7528
Ion Ratio Lower Upper
43 100
58 36.5 30.6 46.0

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

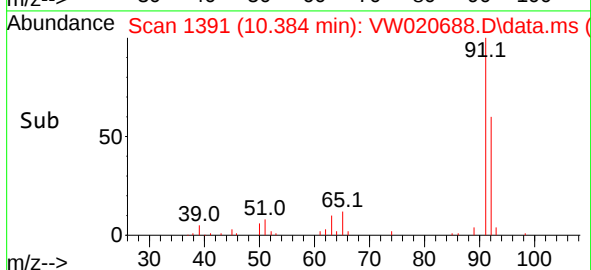
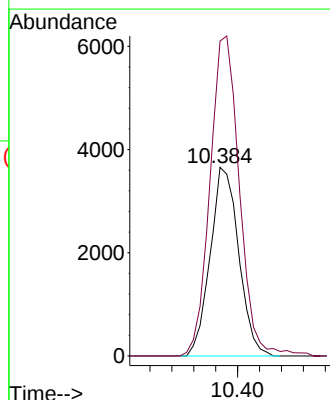
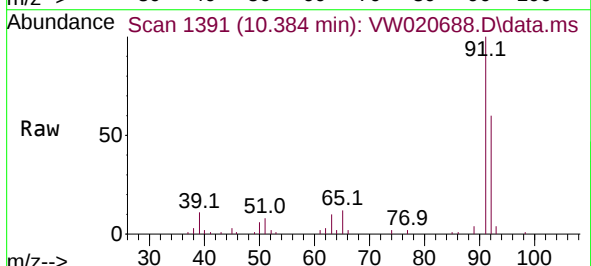
Manual Integrations
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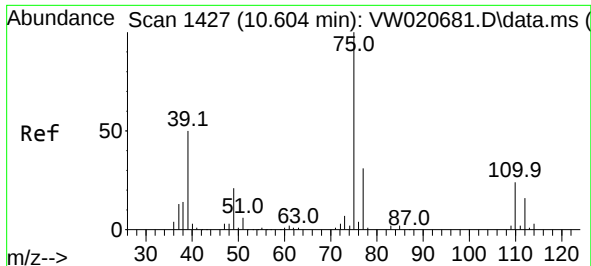
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#52
Toluene
Concen: 2.602 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion: 92 Resp: 6598
Ion Ratio Lower Upper
92 100
91 175.0 136.6 204.8





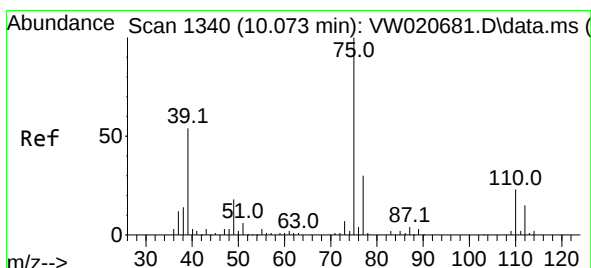
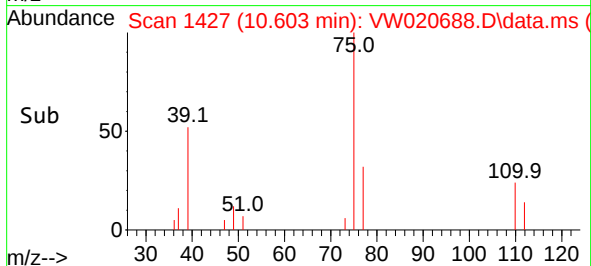
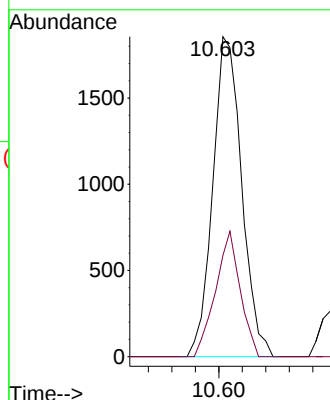
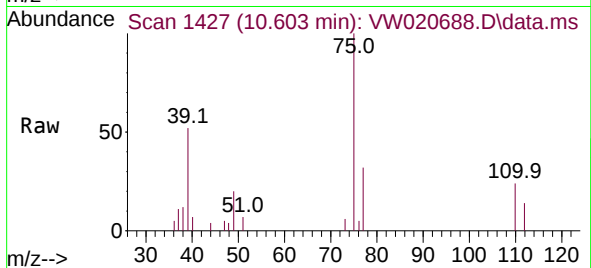
#53
t-1,3-Dichloropropene
Concen: 2.322 ug/l
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion: 75 Resp: 3167
Ion Ratio Lower Upper
75 100
77 31.6 24.6 37.0

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

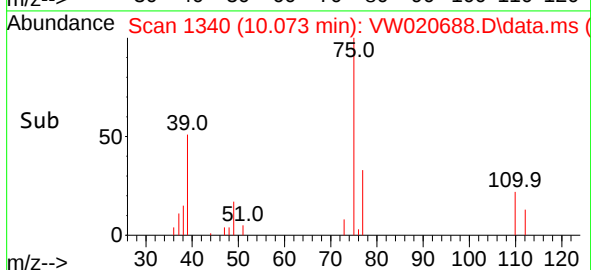
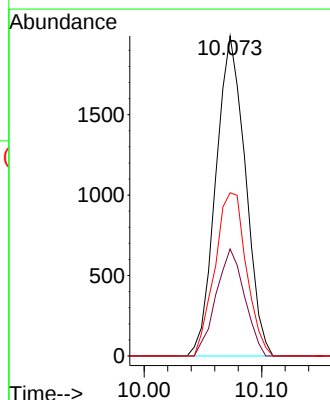
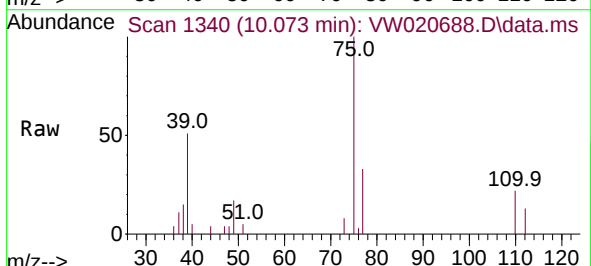
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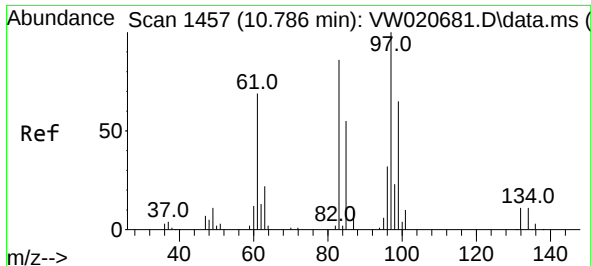
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#54
cis-1,3-Dichloropropene
Concen: 2.244 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

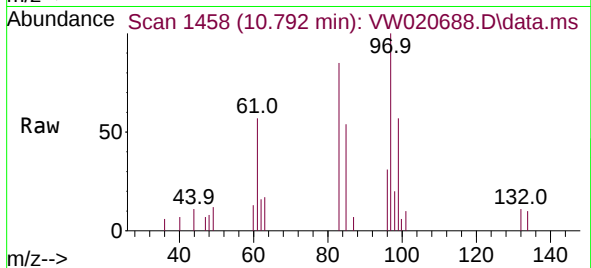
Tgt Ion: 75 Resp: 3467
Ion Ratio Lower Upper
75 100
77 33.4 23.8 35.8
39 51.0 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 2.399 ug/l
RT: 10.792 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

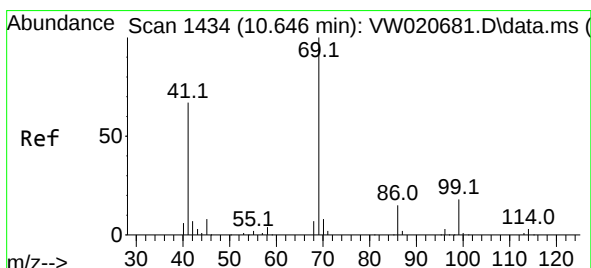
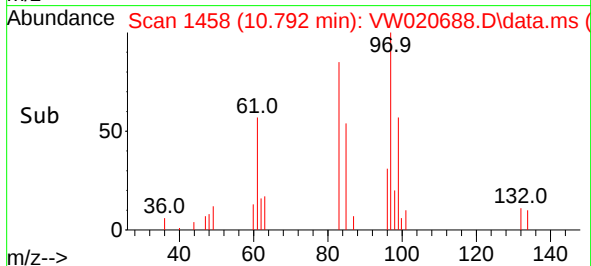
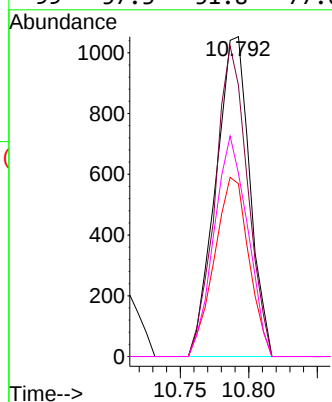
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.0	103.4
85	54.0	44.3	66.5
99	57.3	51.8	77.6

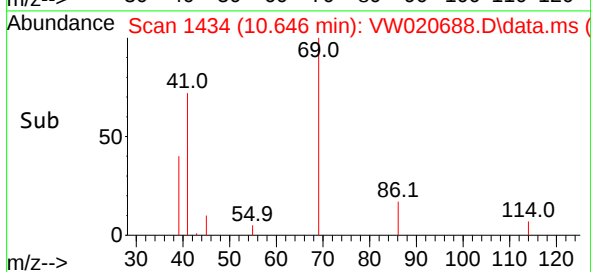
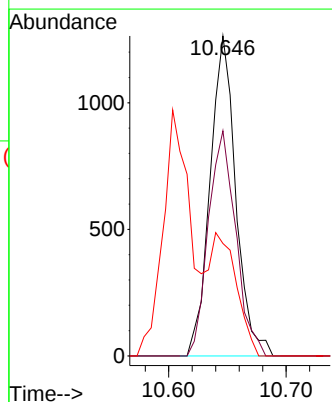
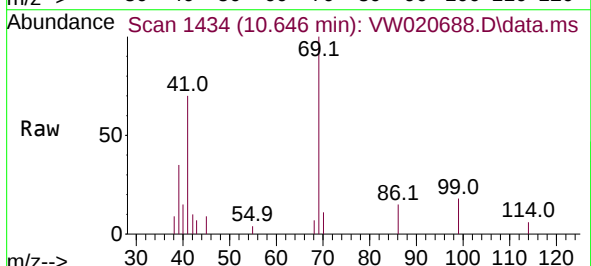
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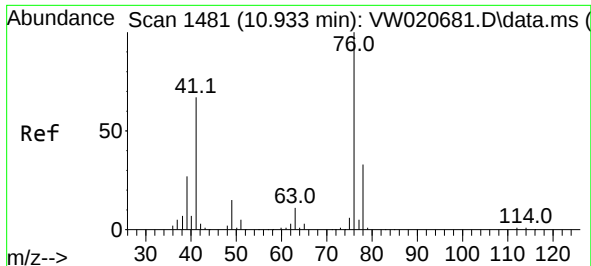
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#56
Ethyl methacrylate
Concen: 1.977 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.7	56.6	85.0
39	41.4	29.6	44.4





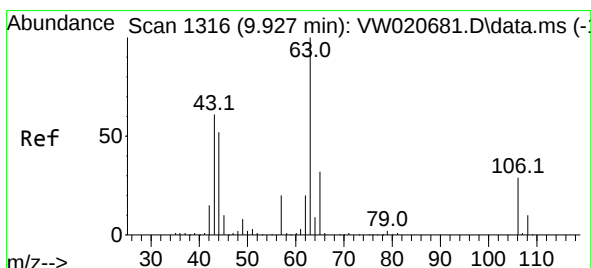
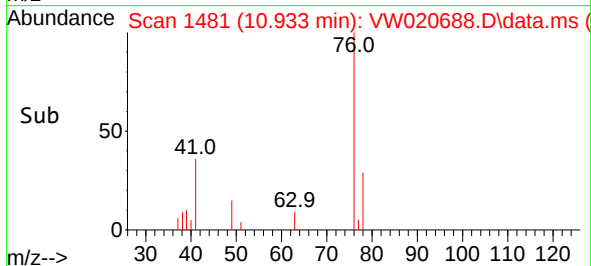
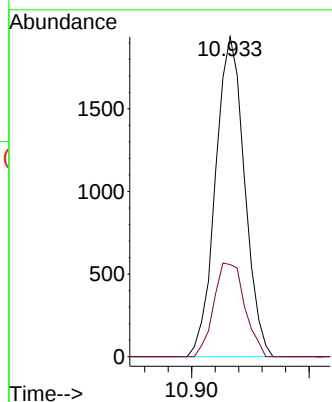
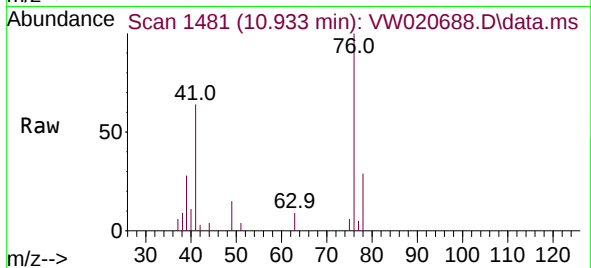
#57
1,3-Dichloropropane
Concen: 2.537 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion: 76 Resp: 3329
Ion Ratio Lower Upper
76 100
78 31.1 26.0 39.0

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

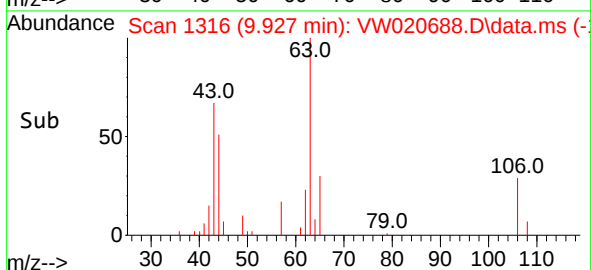
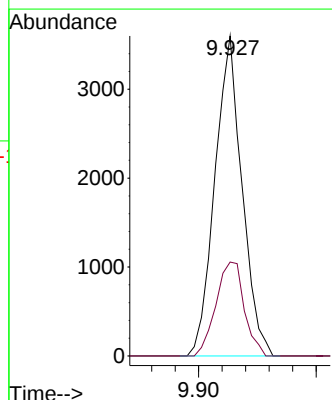
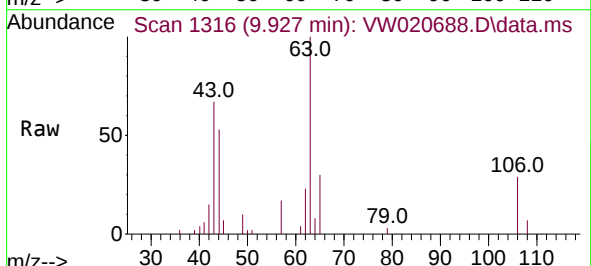
Manual Integrations
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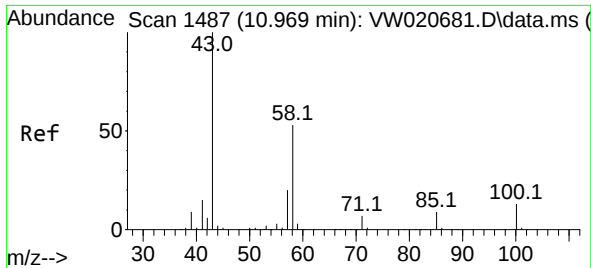
MMDadoda
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#58
2-Chloroethyl Vinyl ether
Concen: 13.165 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion: 63 Resp: 5778
Ion Ratio Lower Upper
63 100
106 30.6 23.0 34.6





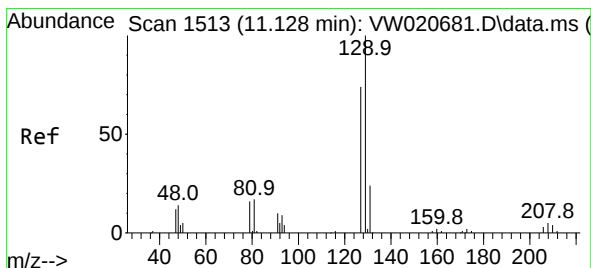
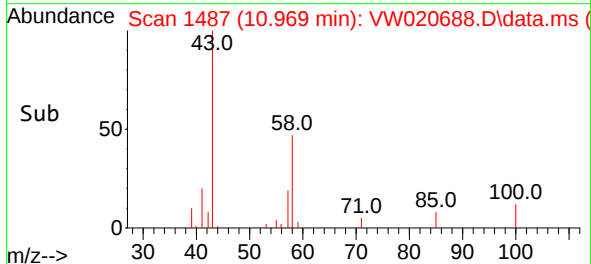
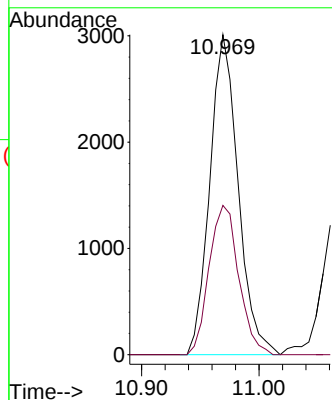
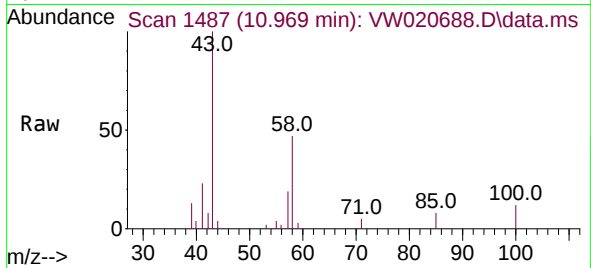
#59
2-Hexanone
Concen: 10.341 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion: 43 Resp: 5039
Ion Ratio Lower Upper
43 100
58 48.9 26.4 79.2

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

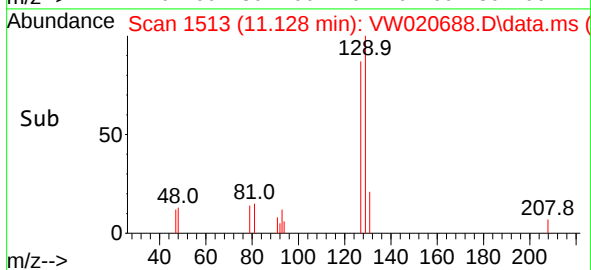
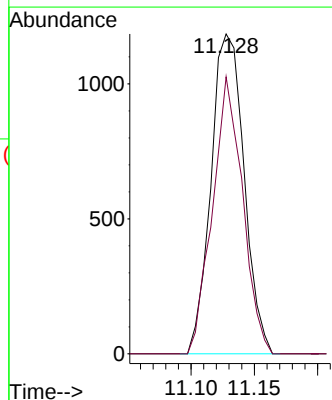
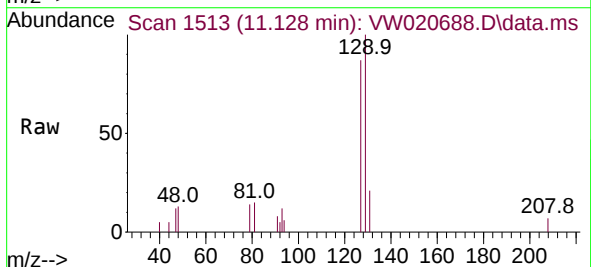
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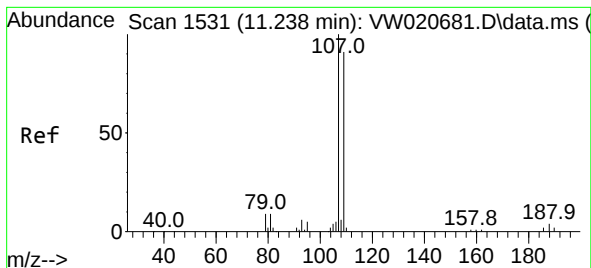
MMDadoda
10/25/2021 11:56:21 AM



#60
Dibromochloromethane
Concen: 2.413 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

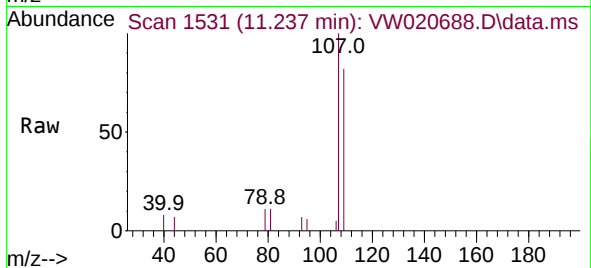
Tgt Ion:129 Resp: 2155
Ion Ratio Lower Upper
129 100
127 78.7 38.9 116.6





#61
1,2-Dibromoethane
Concen: 2.612 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

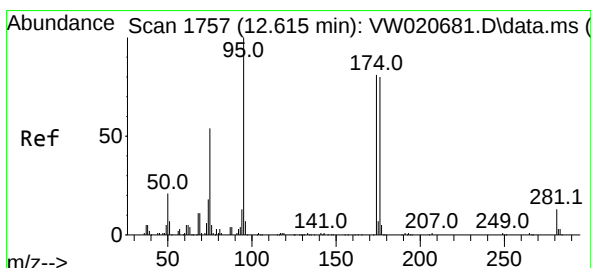
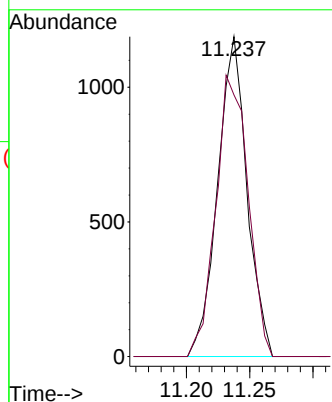
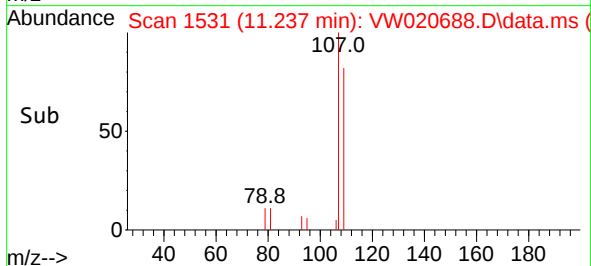
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



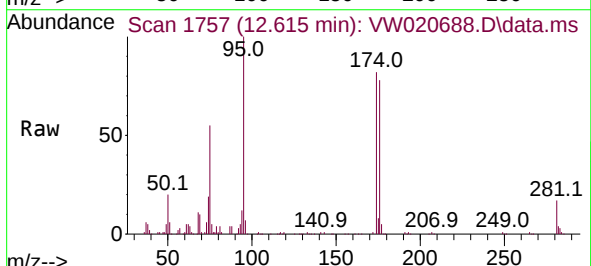
Tgt Ion:107 Resp: 1914
Ion Ratio Lower Upper
107 100
109 97.0 75.4 113.2

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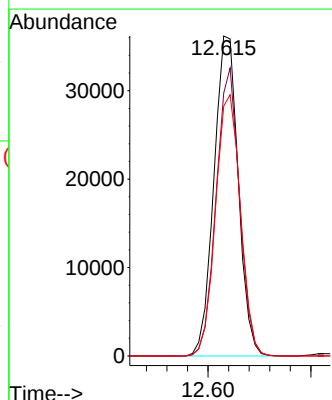
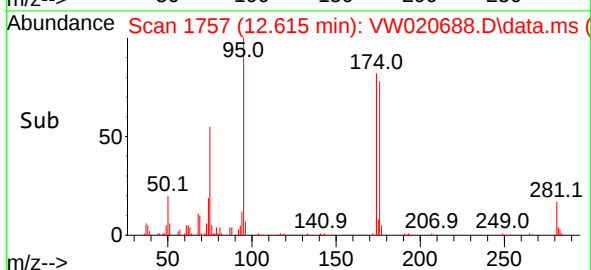
MMDadoda
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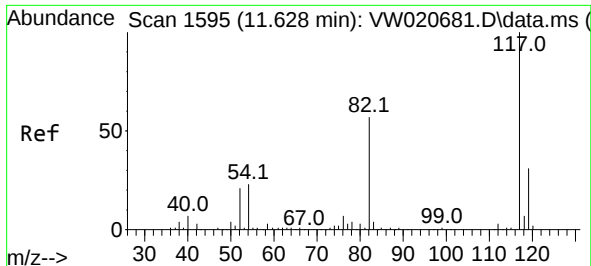


#62
4-Bromofluorobenzene
Concen: 47.290 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



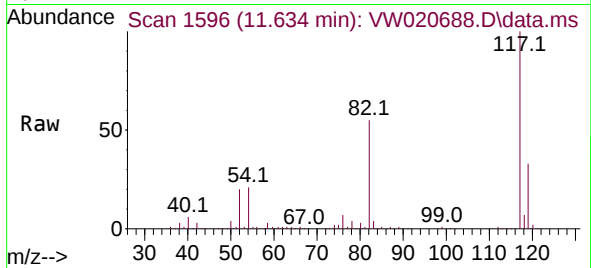
Tgt Ion: 95 Resp: 59355
Ion Ratio Lower Upper
95 100
174 86.5 0.0 166.4
176 83.4 0.0 159.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

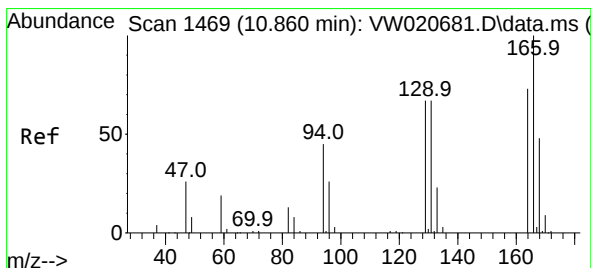
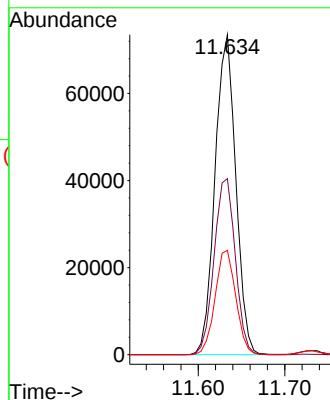
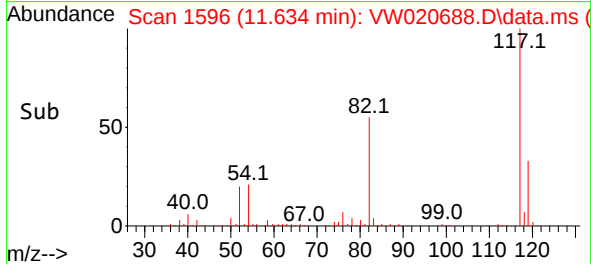
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



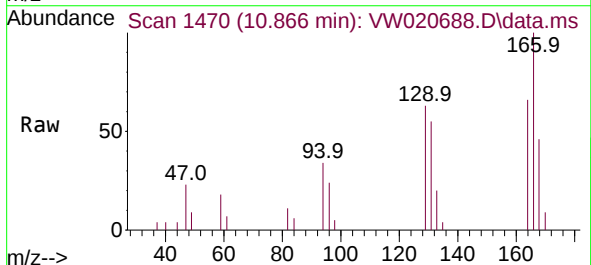
Tgt Ion:117 Resp: 122351
Ion Ratio Lower Upper
117 100
82 55.0 45.6 68.4
119 32.6 25.0 37.4

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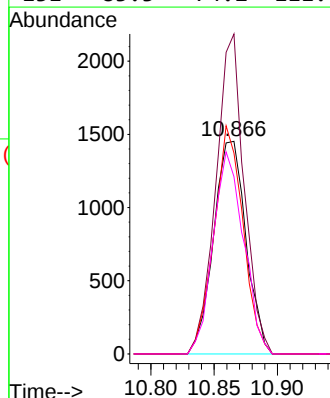
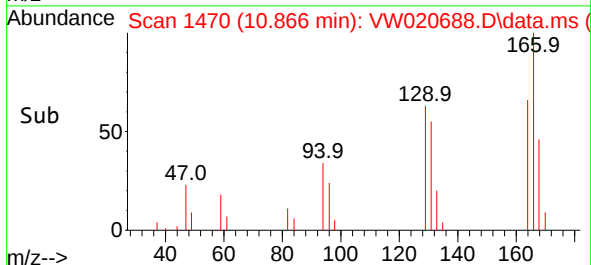
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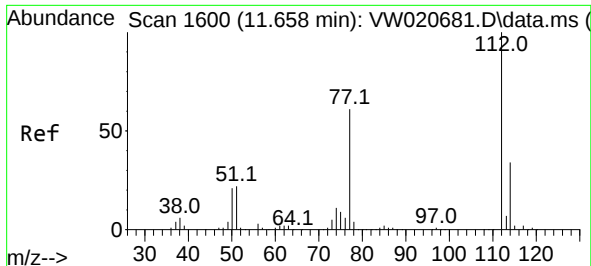


#64
Tetrachloroethene
Concen: 2.715 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



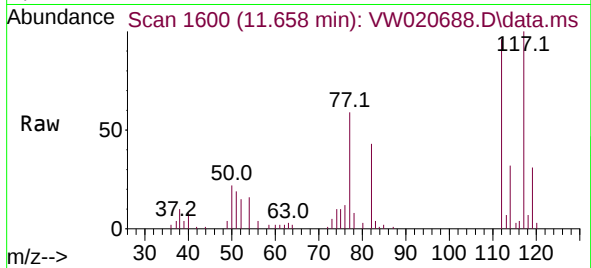
Tgt Ion:164 Resp: 2579
Ion Ratio Lower Upper
164 100
166 150.4 110.2 165.4
129 94.5 74.4 111.6
131 83.3 74.2 111.4





#65
Chlorobenzene
Concen: 2.652 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

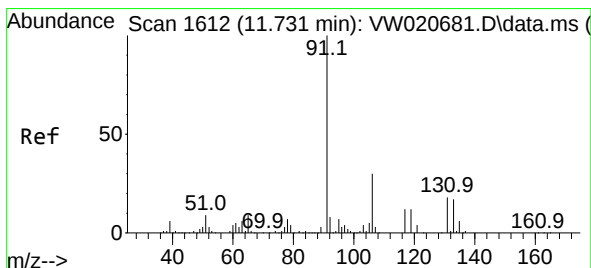
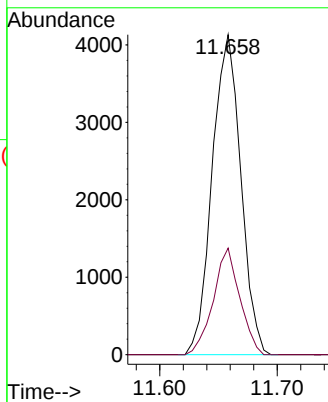
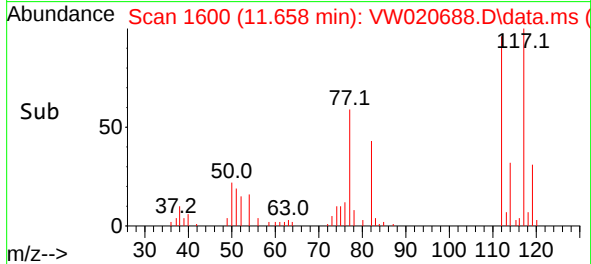
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



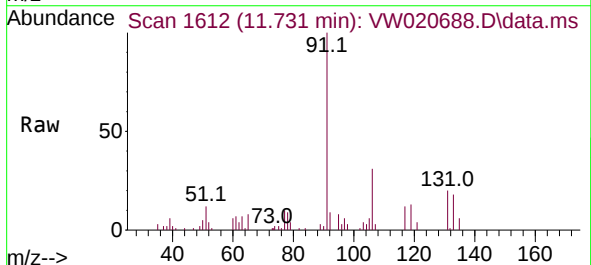
Tgt Ion:112 Resp: 6985
Ion Ratio Lower Upper
112 100
114 33.3 27.0 40.6

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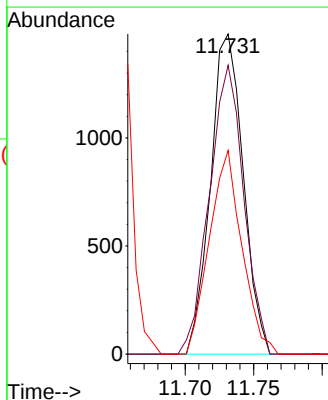
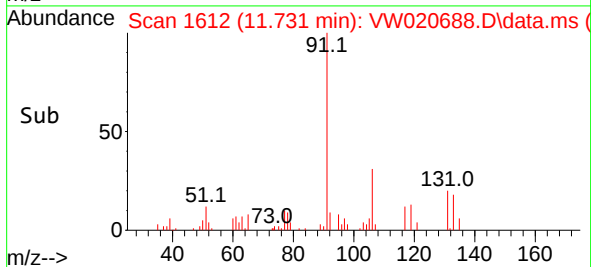
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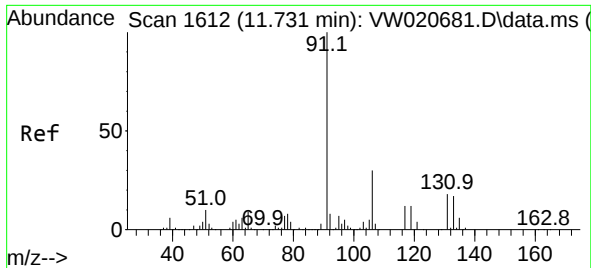


#66
1,1,1,2-Tetrachloroethane
Concen: 2.571 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



Tgt Ion:131 Resp: 2455
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.8
119 63.5 31.6 95.0





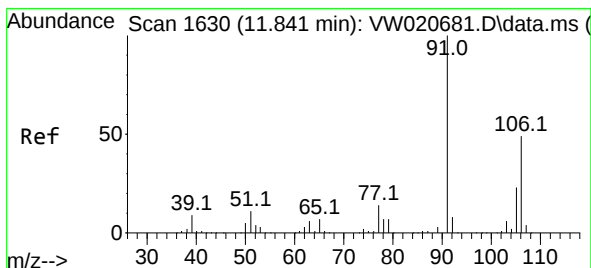
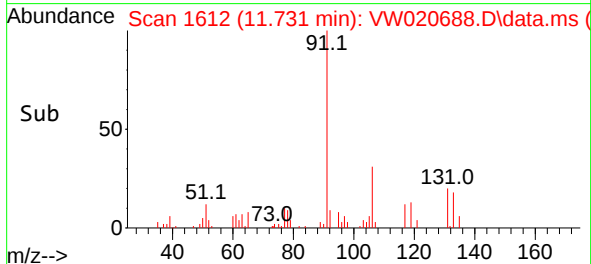
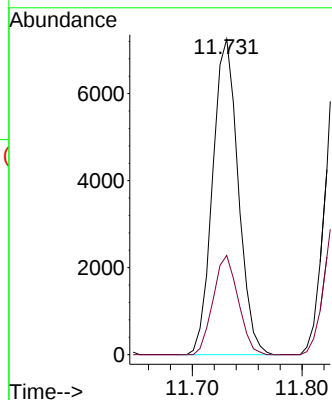
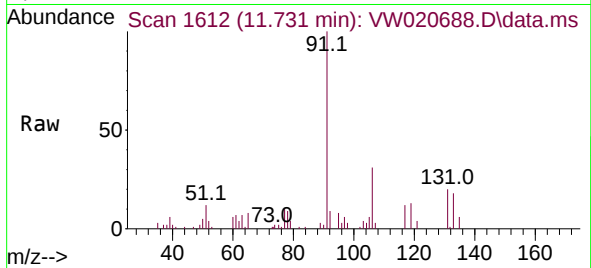
#67
Ethyl Benzene
Concen: 2.468 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion: 91 Resp: 11770
Ion Ratio Lower Upper
91 100
106 31.4 24.4 36.6

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

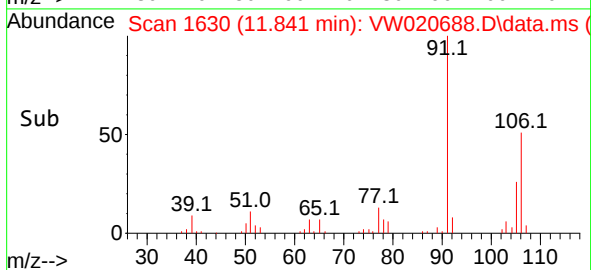
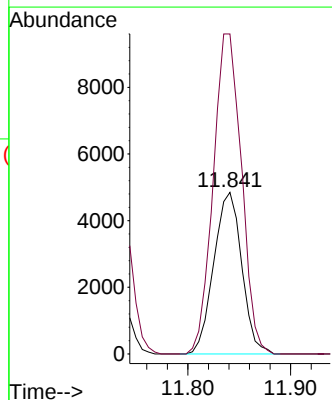
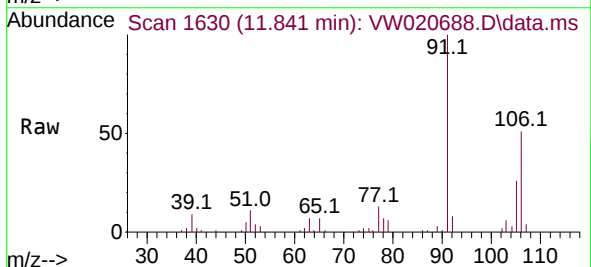
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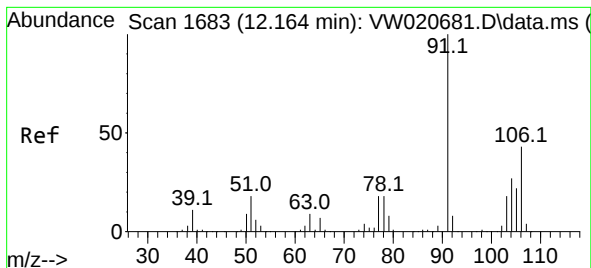
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#68
m/p-Xylenes
Concen: 4.973 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion:106 Resp: 9169
Ion Ratio Lower Upper
106 100
91 200.2 166.4 249.6





#69

o-Xylene

Concen: 2.317 ug/l

RT: 12.164 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VW020688.D

Acq: 22 Oct 2021 18:00

Tgt Ion:106 Resp: 3938

Ion Ratio Lower Upper

106 100

91 222.5 110.9 332.6

Instrument :

MSVOA_W

ClientSampleId :

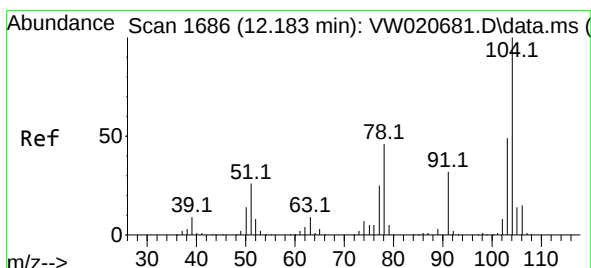
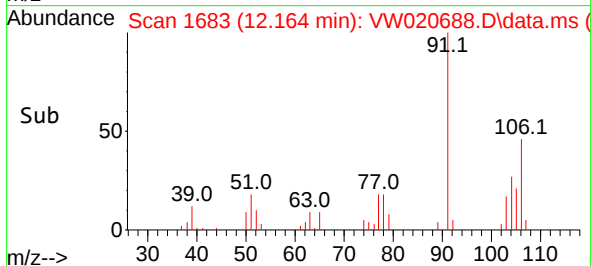
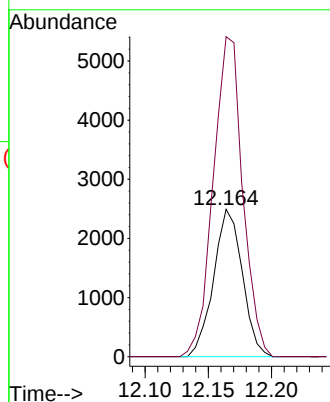
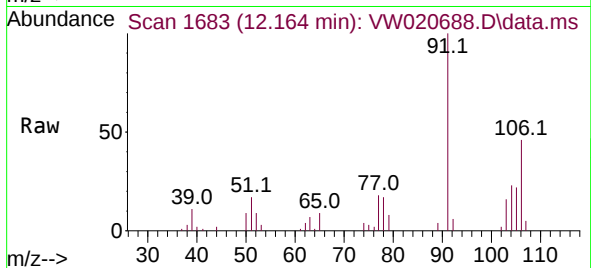
LOD-MDL-SOIL-01-QT4-2021

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#70

Styrene

Concen: 2.289 ug/l

RT: 12.182 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VW020688.D

Acq: 22 Oct 2021 18:00

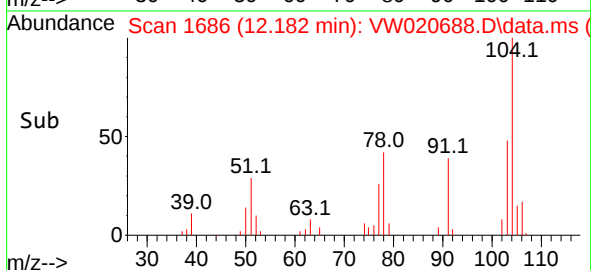
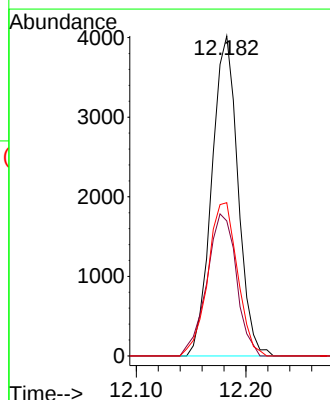
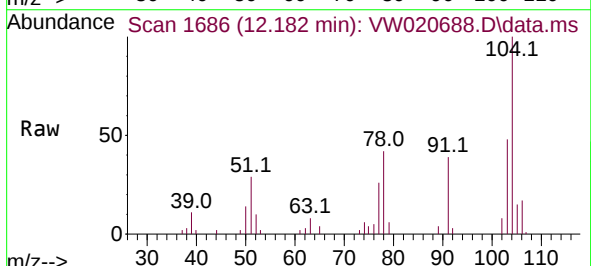
Tgt Ion:104 Resp: 6664

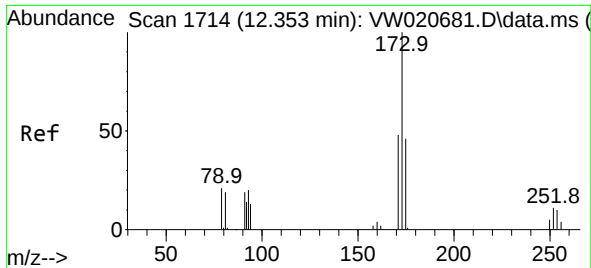
Ion Ratio Lower Upper

104 100

78 50.1 41.4 62.0

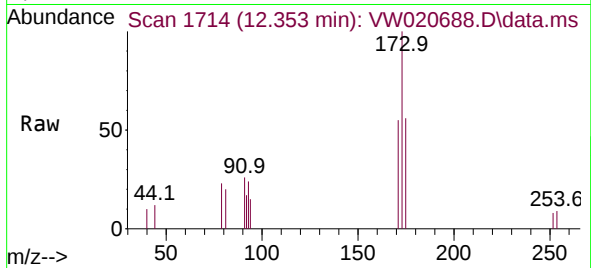
103 54.2 43.3 64.9





#71
Bromoform
Concen: 2.231 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

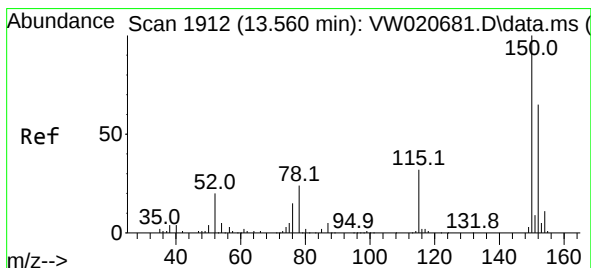
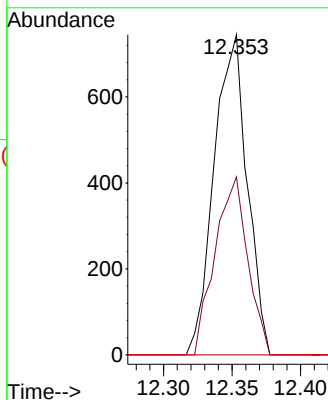
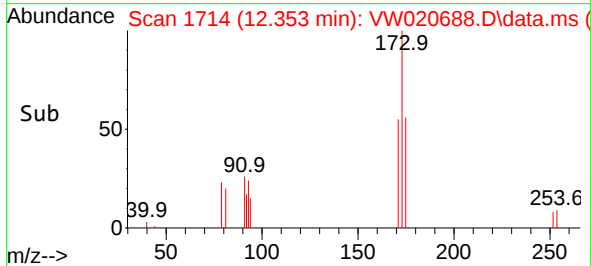
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



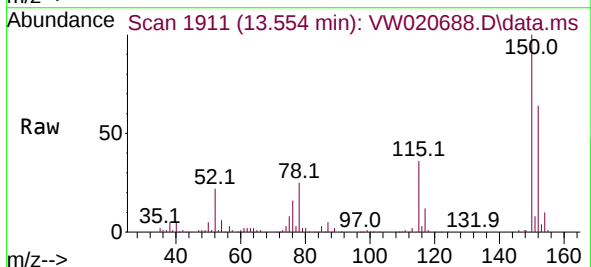
Tgt Ion:173 Resp: 1249
Ion Ratio Lower Upper
173 100
175 55.0 24.6 73.8
254 0.0 0.0 0.0

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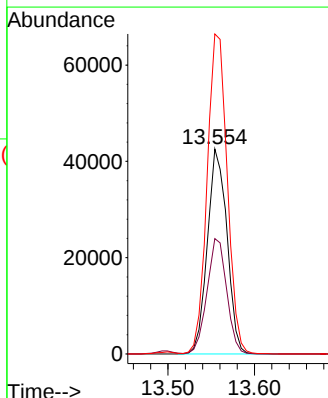
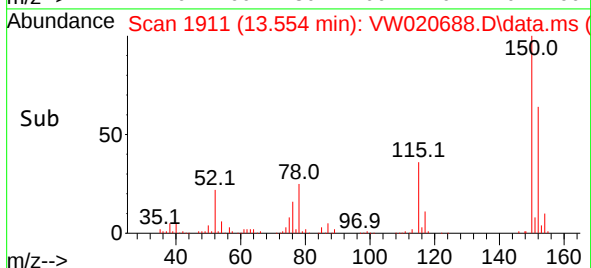
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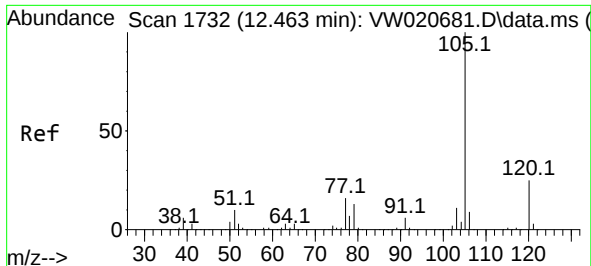


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



Tgt Ion:152 Resp: 66923
Ion Ratio Lower Upper
152 100
115 56.6 29.6 88.9
150 160.1 0.0 352.6





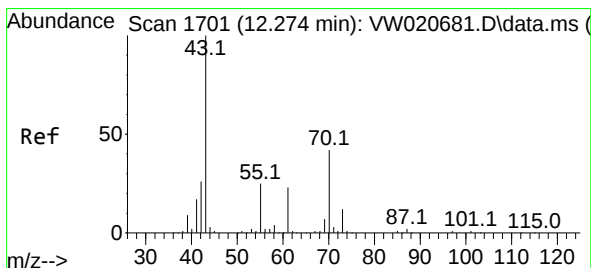
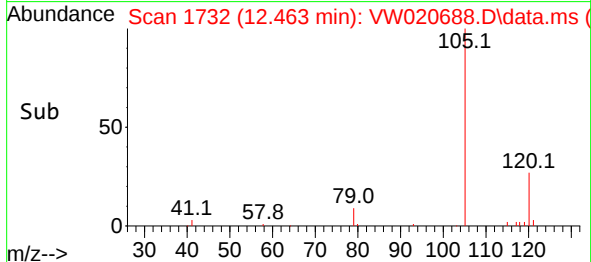
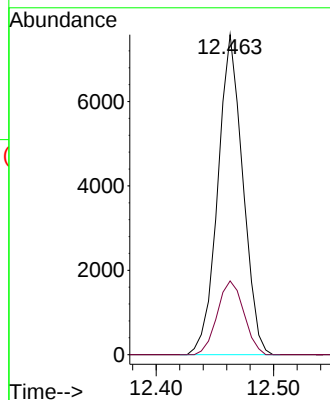
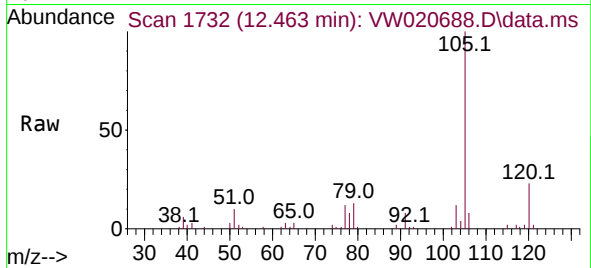
#73
Isopropylbenzene
Concen: 2.326 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion: 105 Resp: 11213
Ion Ratio Lower Upper
105 100
120 24.5 13.0 39.0

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

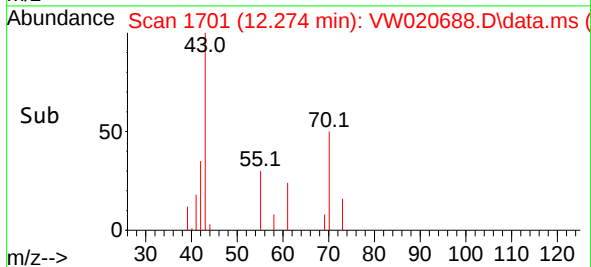
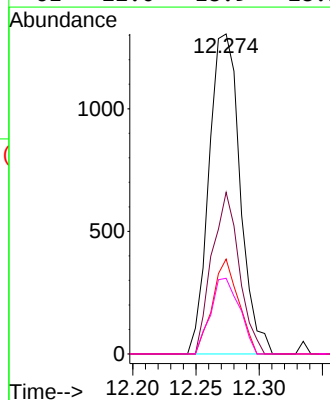
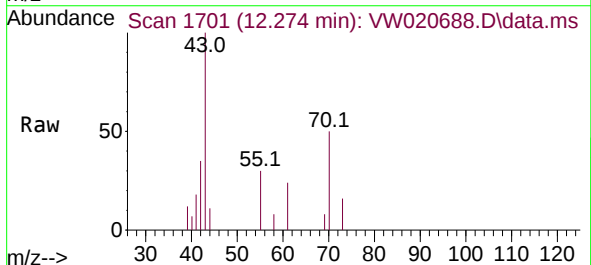
Manual Integrations
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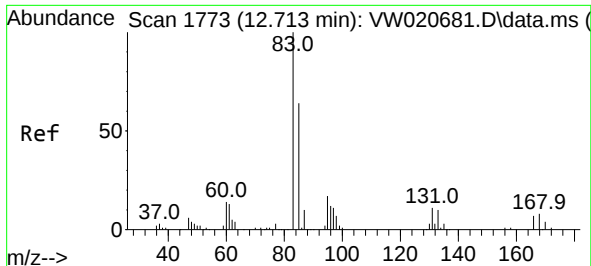
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#74
N-ethyl acetate
Concen: 1.905 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion: 43 Resp: 2229
Ion Ratio Lower Upper
43 100
70 44.5 33.4 50.2
55 24.8 20.1 30.1
61 22.0 18.9 28.3





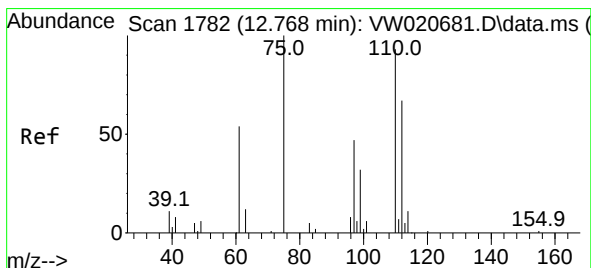
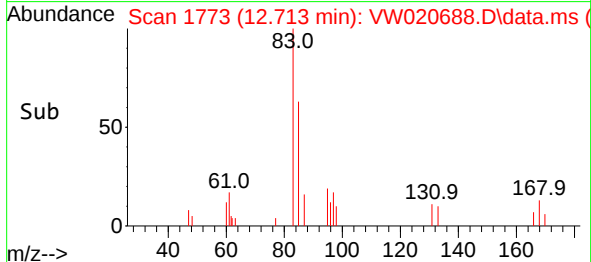
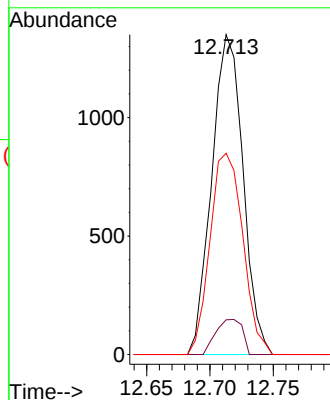
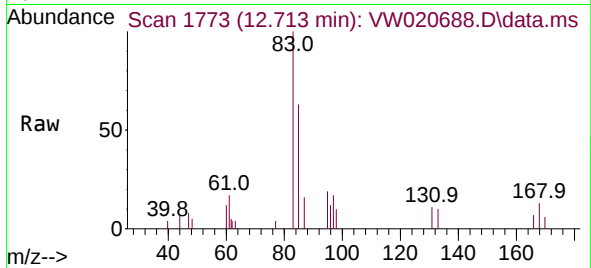
#75
1,1,2,2-Tetrachloroethane
Concen: 2.572 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion: 83 Resp: 2323
Ion Ratio Lower Upper
83 100
131 9.3 5.8 17.3
85 66.1 31.8 95.4

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

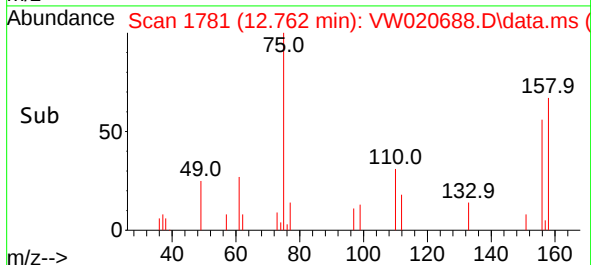
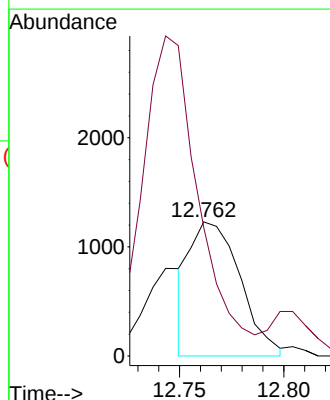
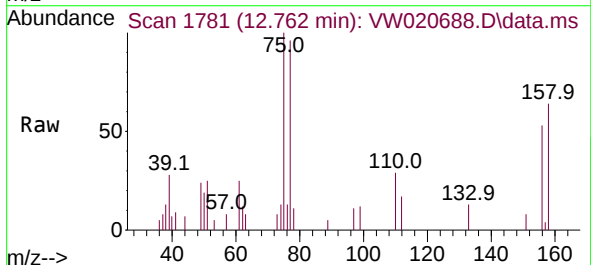
Manual Integrations
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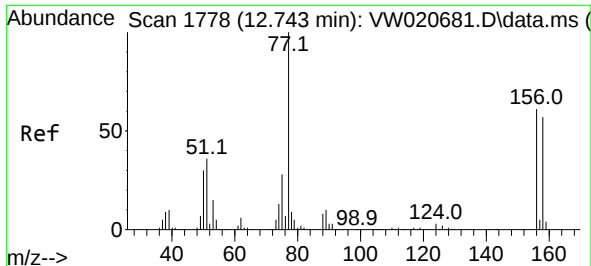
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#76
1,2,3-Trichloropropane
Concen: 2.782 ug/l m
RT: 12.762 min Scan# 1781
Delta R.T. -0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion: 75 Resp: 2063
Ion Ratio Lower Upper
75 100
77 267.3 0.0 0.0#





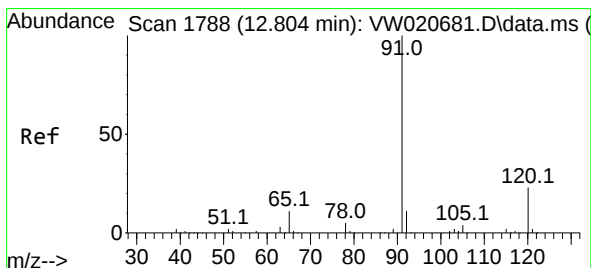
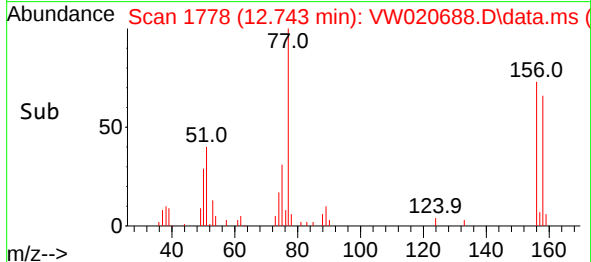
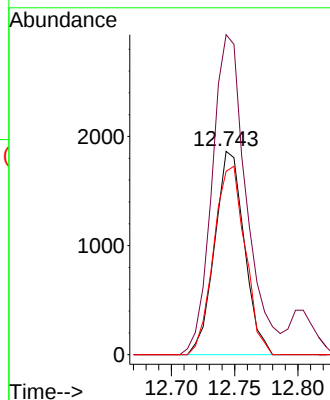
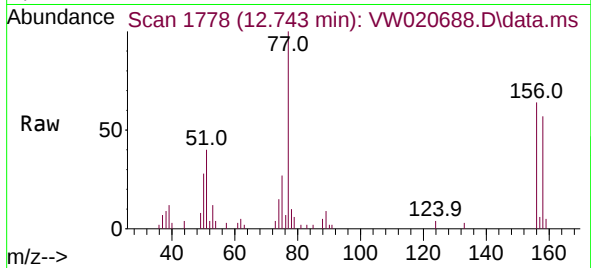
#77
Bromobenzene
Concen: 2.625 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion: 156 Resp: 3035
Ion Ratio Lower Upper
156 100
77 181.7 91.8 275.6
158 98.3 47.9 143.8

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

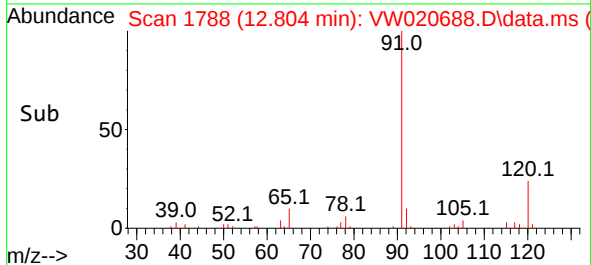
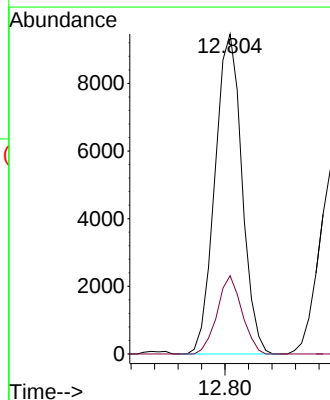
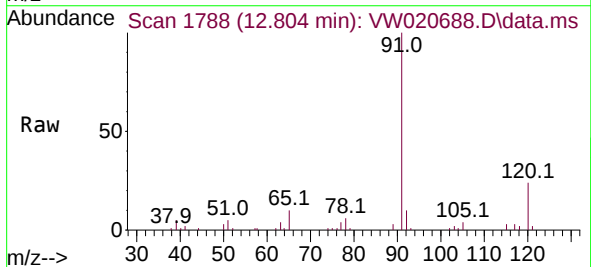
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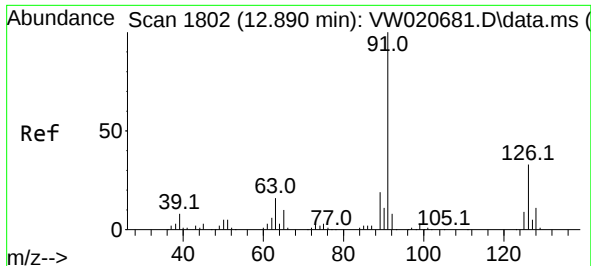
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#78
n-propylbenzene
Concen: 2.547 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion: 91 Resp: 15081
Ion Ratio Lower Upper
91 100
120 22.4 11.7 35.0





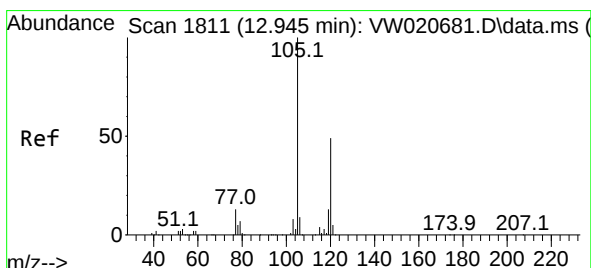
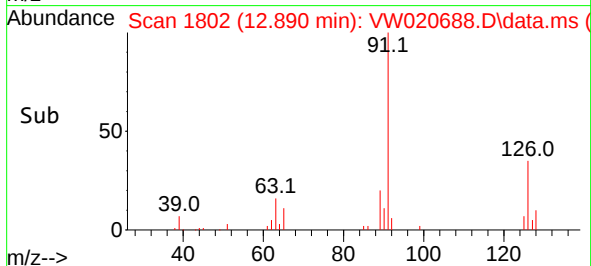
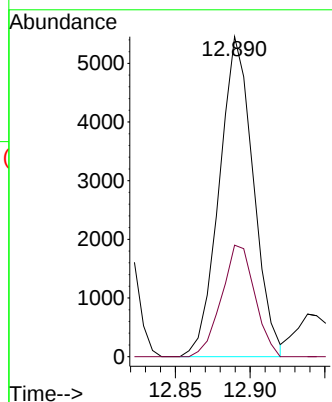
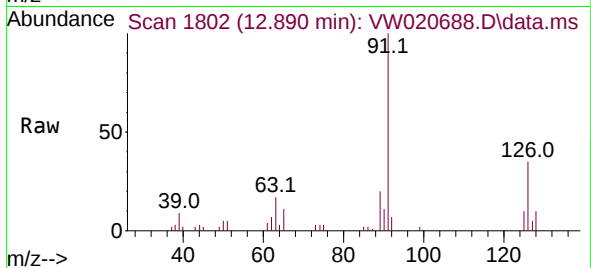
#79
2-Chlorotoluene
Concen: 2.537 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion: 91 Resp: 8641
Ion Ratio Lower Upper
91 100
126 34.1 16.7 50.0

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

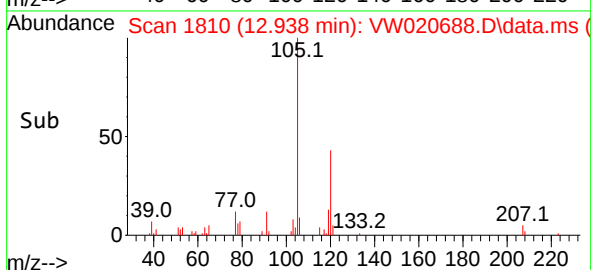
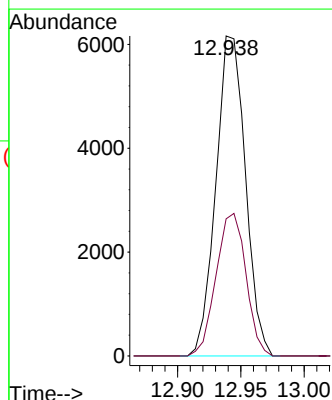
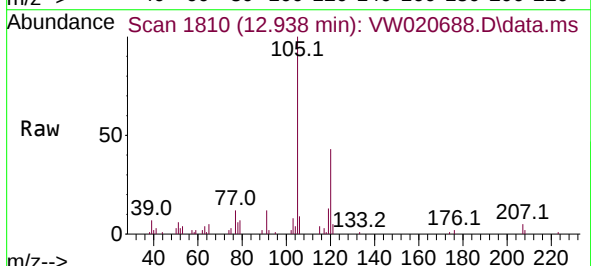
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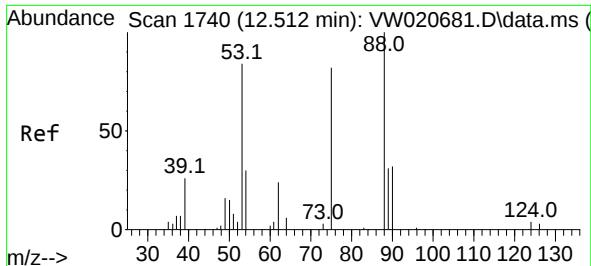
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#80
1,3,5-Trimethylbenzene
Concen: 2.402 ug/l
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

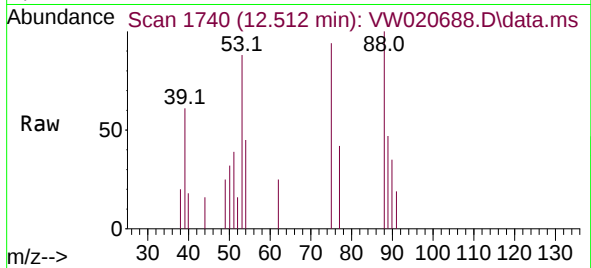
Tgt Ion: 105 Resp: 10006
Ion Ratio Lower Upper
105 100
120 45.1 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 2.200 ug/l m
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

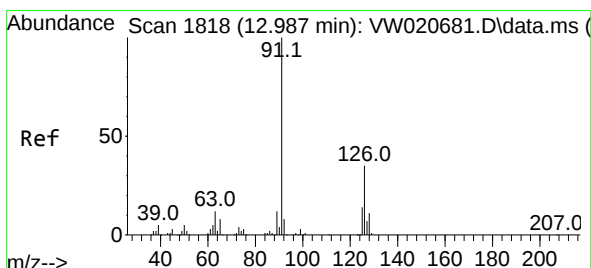
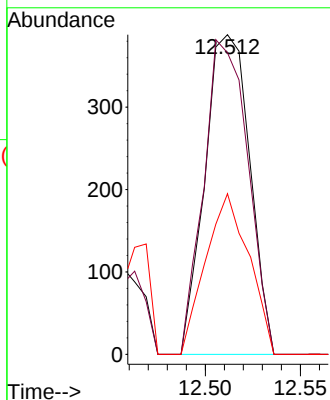
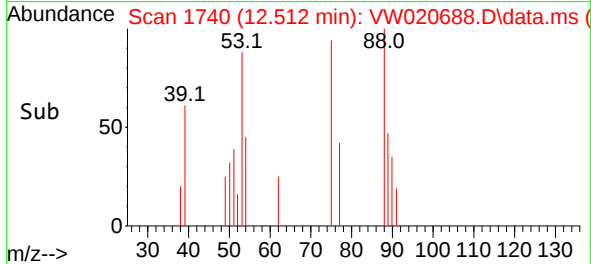
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



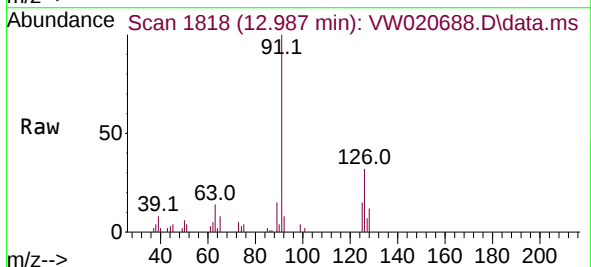
Tgt Ion: 75 Resp: 635
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 36.7 55.1#

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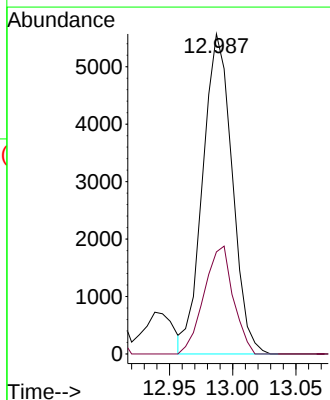
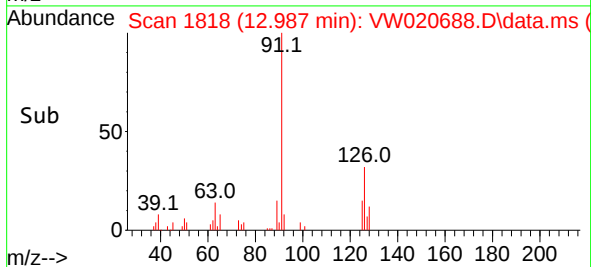
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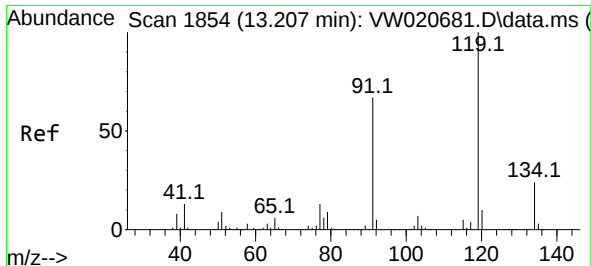


#82
4-Chlorotoluene
Concen: 2.516 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

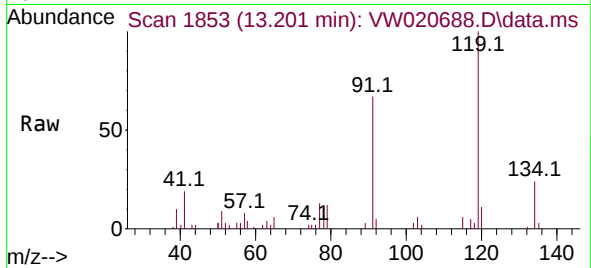


Tgt Ion: 91 Resp: 9014
Ion Ratio Lower Upper
91 100
126 33.4 16.8 50.4

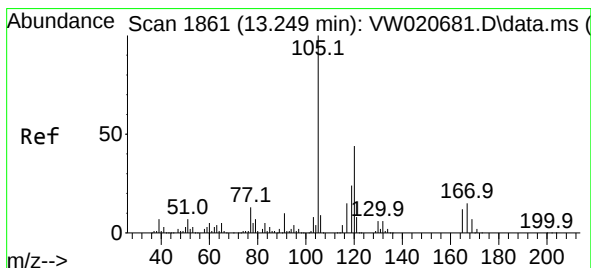
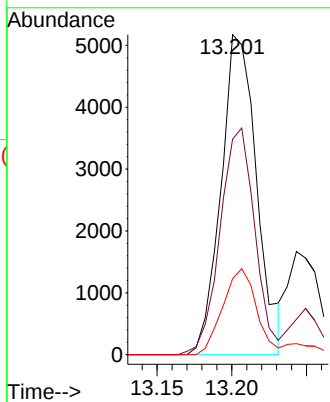
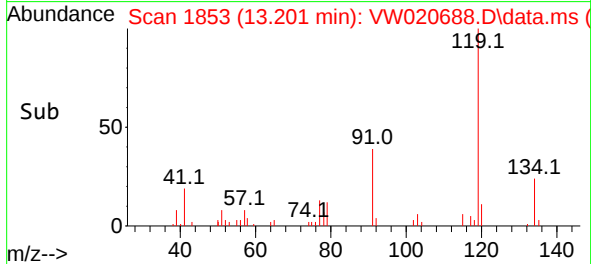




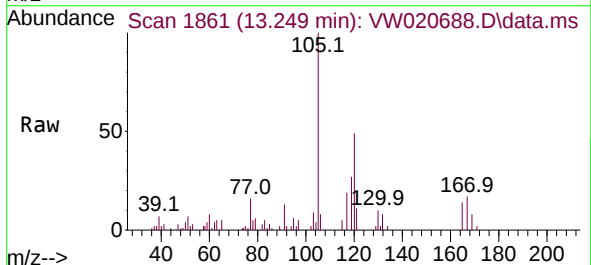
#83
tert-Butylbenzene
Concen: 2.388 ug/l
RT: 13.201 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



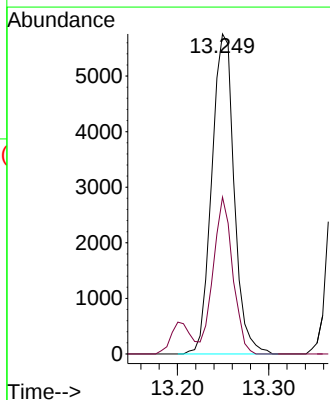
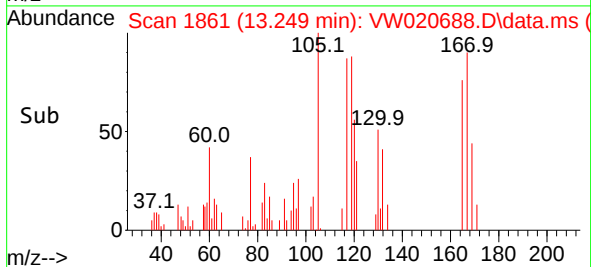
Tgt Ion:119 Resp: 8588
Ion Ratio Lower Upper
119 100
91 68.9 32.9 98.7
134 25.3 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 2.374 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



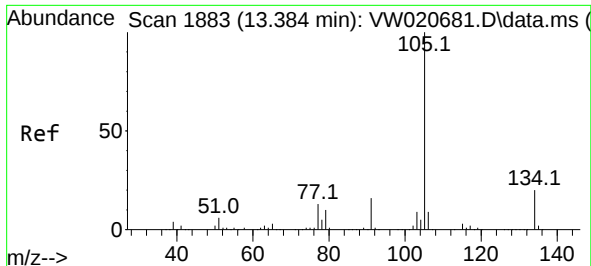
Tgt Ion:105 Resp: 9790
Ion Ratio Lower Upper
105 100
120 42.4 22.6 67.7



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

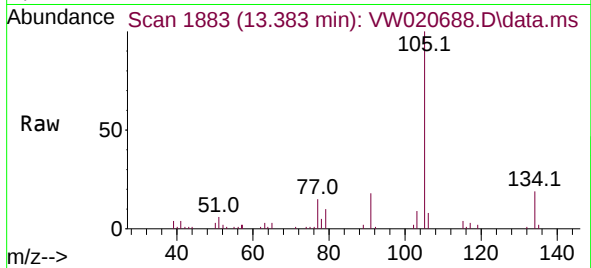
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#85
sec-Butylbenzene
Concen: 2.351 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

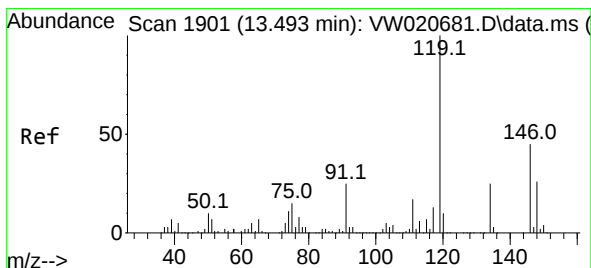
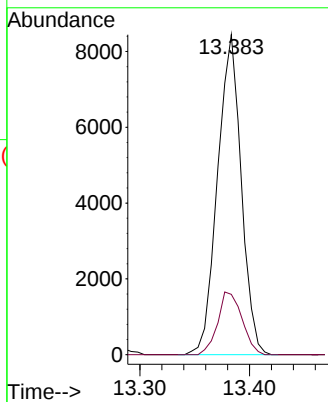
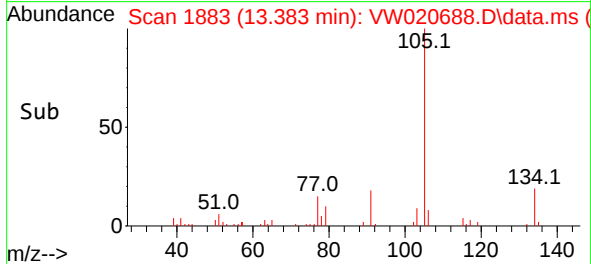
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



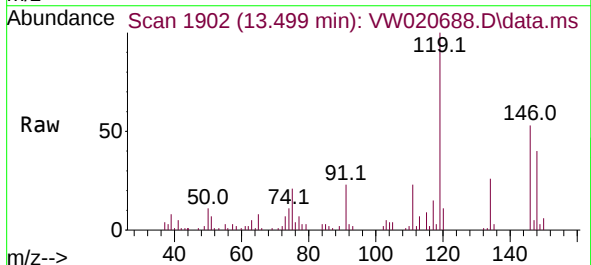
Tgt Ion:105 Resp: 12682
Ion Ratio Lower Upper
105 100
134 20.1 10.1 30.3

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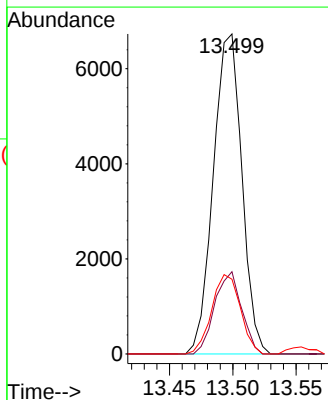
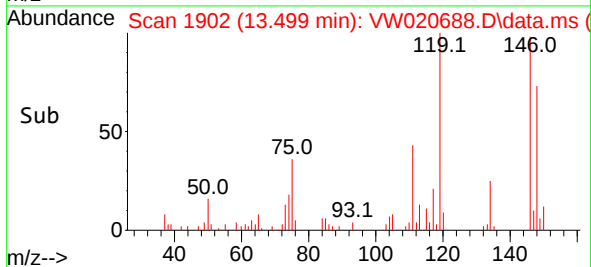
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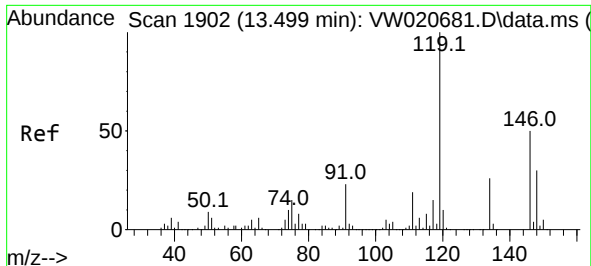


#86
p-Isopropyltoluene
Concen: 2.300 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



Tgt Ion:119 Resp: 10552
Ion Ratio Lower Upper
119 100
134 24.1 13.0 38.9
91 25.0 12.0 36.0





#87

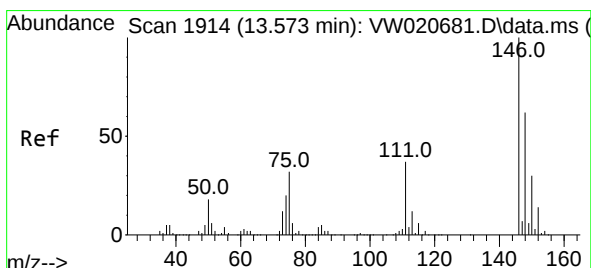
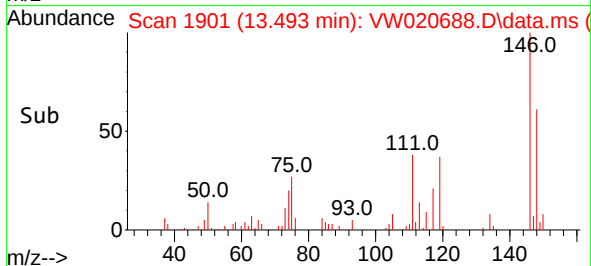
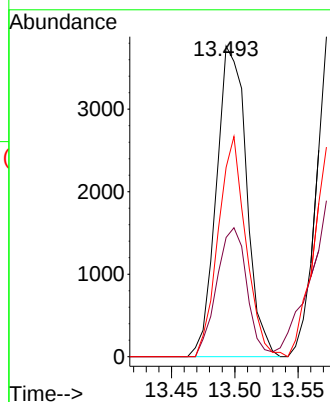
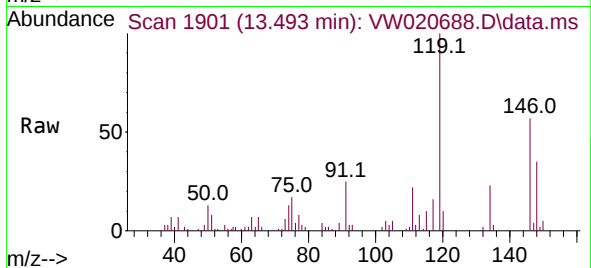
1,3-Dichlorobenzene
Concen: 2.618 ug/l
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion:146 Resp: 6229
Ion Ratio Lower Upper
146 100
111 41.6 19.4 58.2
148 65.1 30.8 92.3

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

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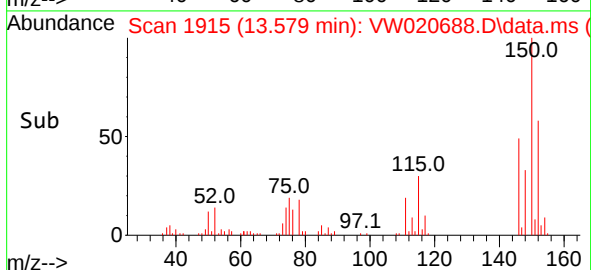
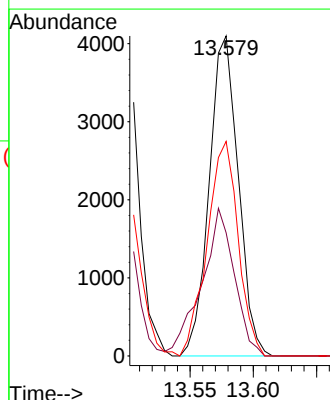
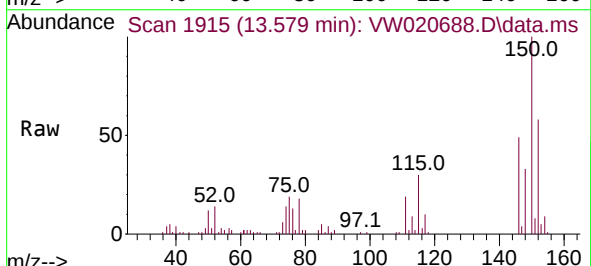
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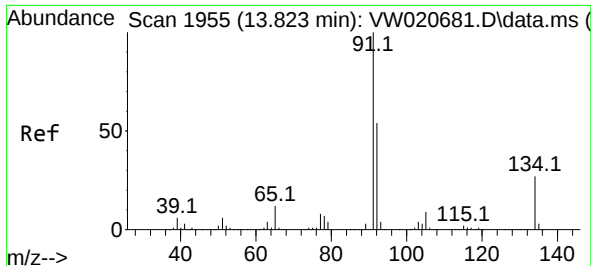


#88

1,4-Dichlorobenzene
Concen: 2.756 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

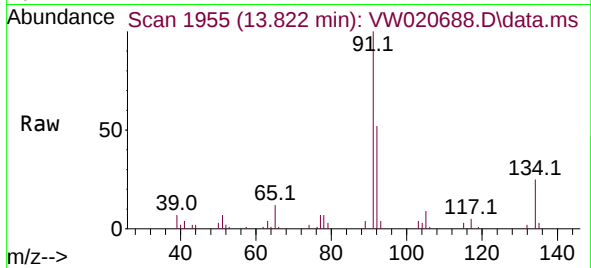
Tgt Ion:146 Resp: 6548
Ion Ratio Lower Upper
146 100
111 52.0 19.4 58.4
148 71.6 32.4 97.2





#89
n-Butylbenzene
Concen: 2.439 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

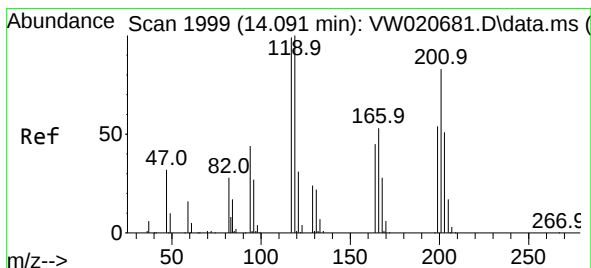
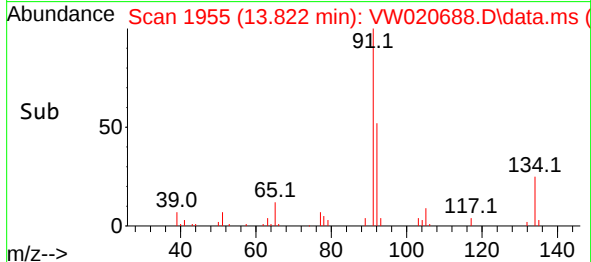
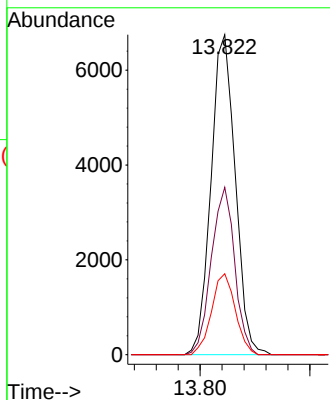
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:	91	Resp:	10379
Ion	Ratio	Lower	Upper
91	100		
92	50.3	27.1	81.2
134	24.8	13.4	40.1

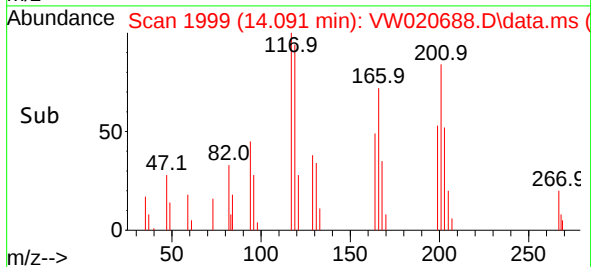
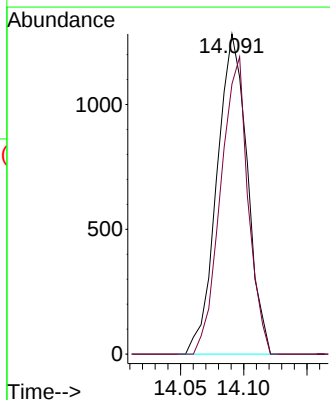
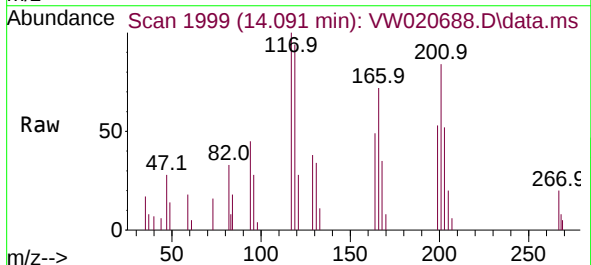
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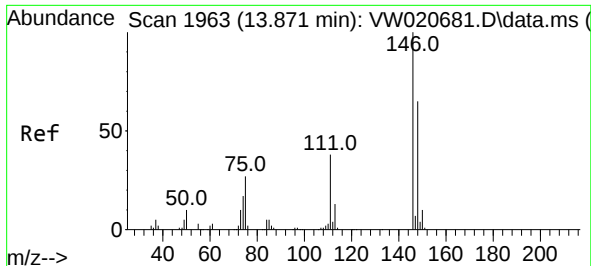
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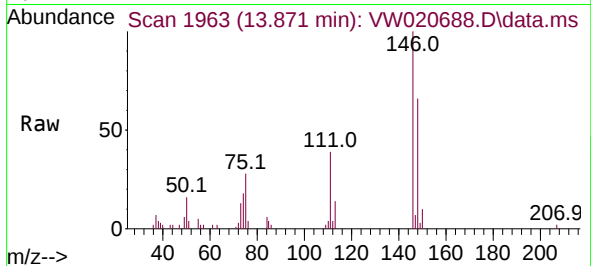
#90
Hexachloroethane
Concen: 2.675 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

Tgt Ion:	117	Resp:	2142
Ion	Ratio	Lower	Upper
117	100		
201	83.7	42.4	127.3

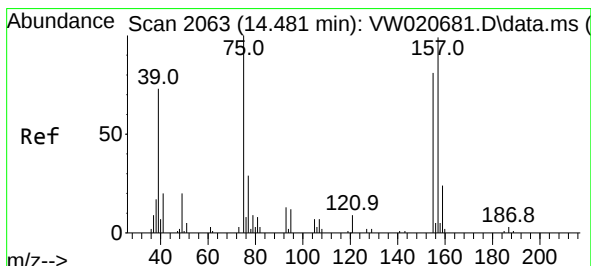
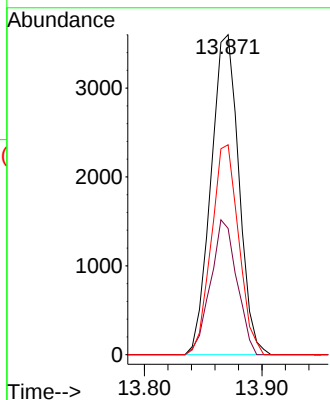
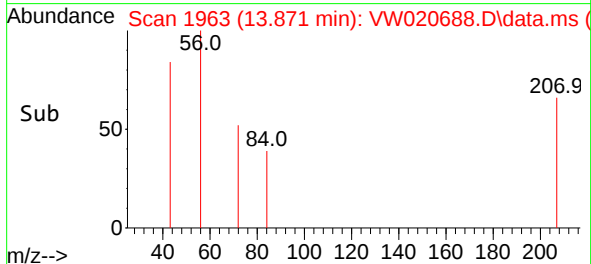




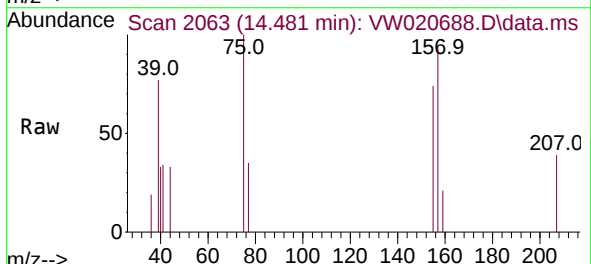
#91
1,2-Dichlorobenzene
Concen: 2.813 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



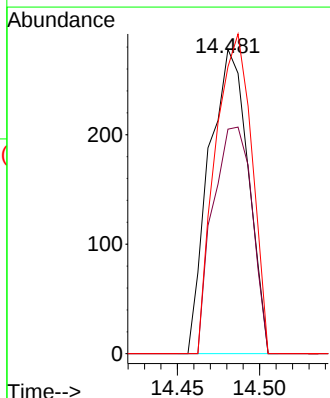
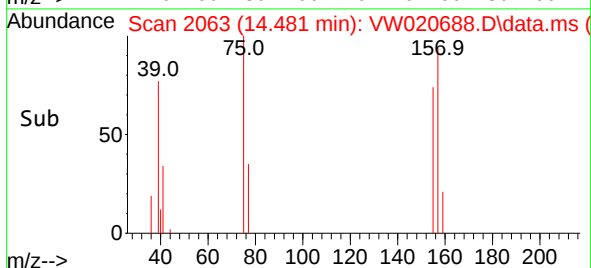
Tgt Ion: 146 Resp: 5945
Ion Ratio Lower Upper
146 100
111 39.7 20.4 61.3
148 64.1 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.822 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



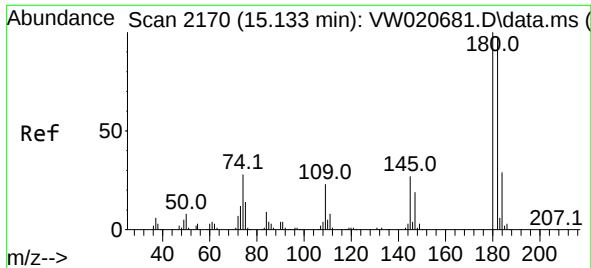
Tgt Ion: 75 Resp: 460
Ion Ratio Lower Upper
75 100
155 74.1 42.5 127.6
157 97.8 53.4 160.2



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

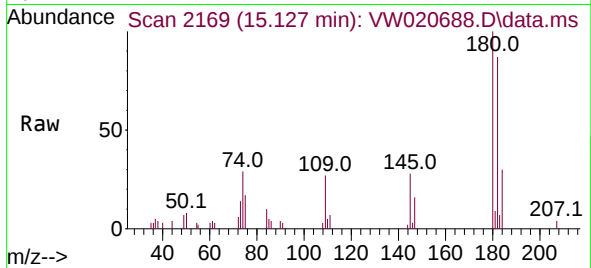
Manual Integrations
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#93
1,2,4-Trichlorobenzene
Concen: 2.910 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

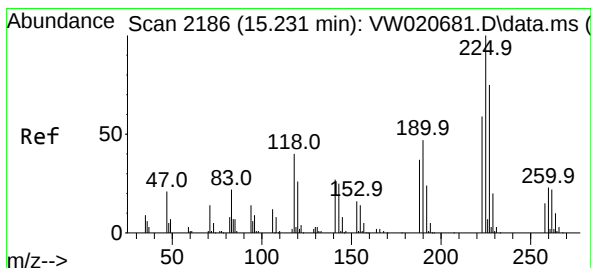
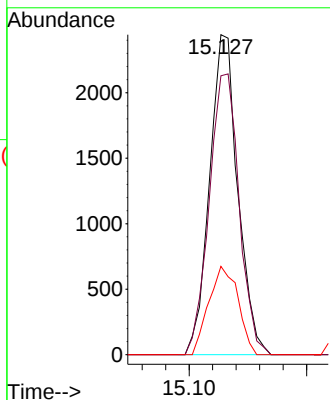
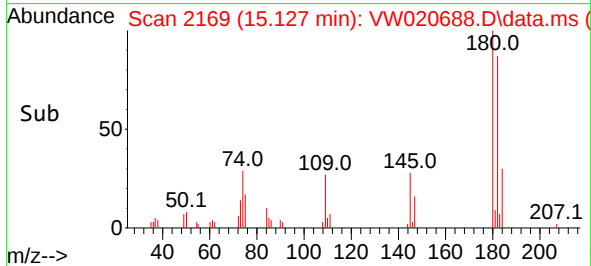
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



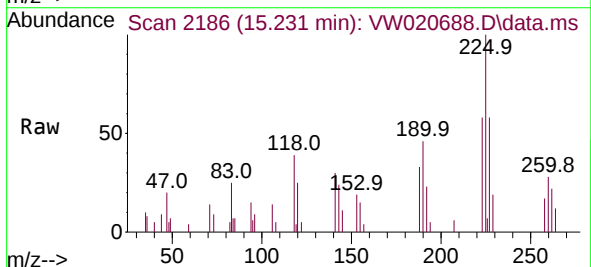
Tgt Ion:180 Resp: 4080
Ion Ratio Lower Upper
180 100
182 92.9 49.4 148.2
145 28.6 15.2 45.6

Manual Integrations
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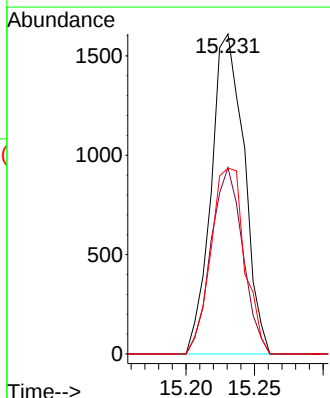
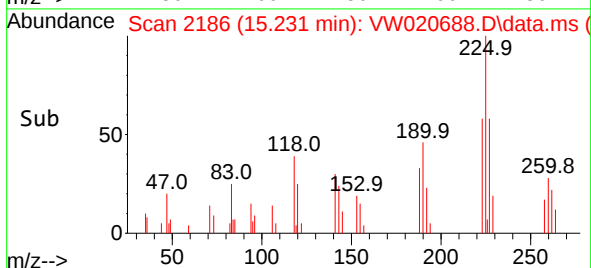
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10/25/2021 11:56:21 AM

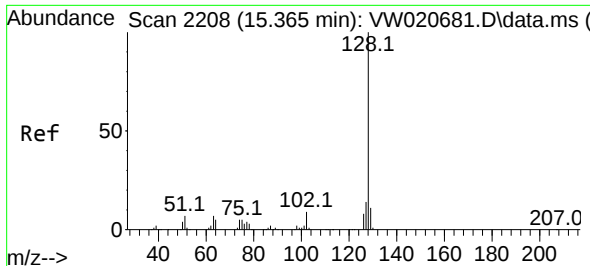


#94
Hexachlorobutadiene
Concen: 2.965 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



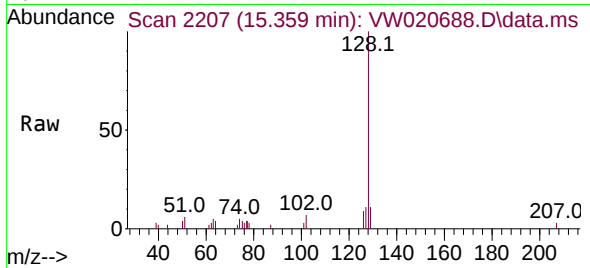
Tgt Ion:225 Resp: 2692
Ion Ratio Lower Upper
225 100
223 56.1 29.8 89.5
227 59.8 32.8 98.4





#95
Naphthalene
Concen: 2.639 ug/l
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00

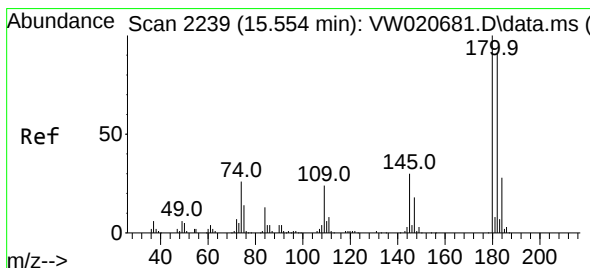
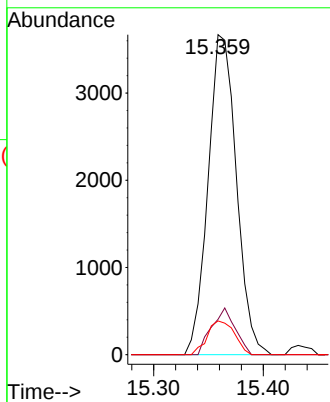
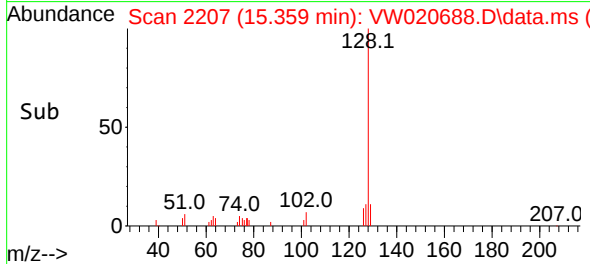
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



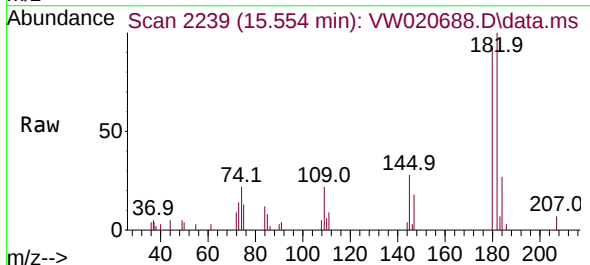
Tgt Ion:128 Resp: 6590
Ion Ratio Lower Upper
128 100
127 12.2 11.1 16.7
129 10.1 8.9 13.3

Manual Integrations
APPROVED

MMDadoda
10/25/2021 11:56:21 AM



#96
1,2,3-Trichlorobenzene
Concen: 2.920 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW020688.D
Acq: 22 Oct 2021 18:00



Tgt Ion:180 Resp: 3707
Ion Ratio Lower Upper
180 100
182 101.2 46.4 139.2
145 28.8 15.7 47.0

