

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102921\
 Data File : VW020729.D
 Acq On : 29 Oct 2021 16:33
 Operator : SY/VA
 Sample : M4068-01 2.5PPBLOD
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Nov 01 00:42:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 01 00:41:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	101175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	160442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	143334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	76618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	49584	49.858	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.720%		
35) Dibromofluoromethane	7.884	113	43195	45.894	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.780%		
50) Toluene-d8	10.323	98	159144	45.057	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.120%		
62) 4-Bromofluorobenzene	12.615	95	59323	44.519	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	539	2.169	ug/l	80
3) Chloromethane	2.215	50	2073	3.427	ug/l	92
4) Vinyl Chloride	2.355	62	2057	2.905	ug/l	90
5) Bromomethane	2.763	94	1343	4.689	ug/l	83
6) Chloroethane	2.916	64	699	3.909	ug/l	96
7) Trichlorofluoromethane	3.245	101	937	2.813	ug/l	91
8) Diethyl Ether	3.678	74	1198	2.902	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.062	101	2508	3.074	ug/l	98
10) Methyl Iodide	4.269	142	2721	2.961	ug/l	98
11) Tert butyl alcohol	5.165	59	676	12.772	ug/l #	72
12) 1,1-Dichloroethene	4.038	96	2086	2.623	ug/l	96
13) Acrolein	3.903	56	157	6.747	ug/l	92
14) Allyl chloride	4.659	41	3218	2.631	ug/l	98
15) Acrylonitrile	5.367	53	2657	13.747	ug/l	96
16) Acetone	4.123	43	4035	18.134	ug/l	94
17) Carbon Disulfide	4.385	76	6030	2.740	ug/l	97
18) Methyl Acetate	4.672	43	2224	3.127	ug/l #	89
19) Methyl tert-butyl Ether	5.421	73	2890	2.652	ug/l	98
20) Methylene Chloride	4.915	84	7408	7.014	ug/l	88
21) trans-1,2-Dichloroethene	5.421	96	2630	2.957	ug/l	88
22) Diisopropyl ether	6.305	45	6453	2.529	ug/l	92
23) Vinyl Acetate	6.251	43	16593	11.953	ug/l	98
24) 1,1-Dichloroethane	6.208	63	4878	2.983	ug/l #	93
25) 2-Butanone	7.171	43	3543	13.243	ug/l	96
26) 2,2-Dichloropropane	7.159	77	2842	3.124	ug/l	92
27) cis-1,2-Dichloroethene	7.165	96	2724	2.800	ug/l	95
28) Bromochloromethane	7.506	49	2207	2.905	ug/l #	98
29) Tetrahydrofuran	7.531	42	2028	12.528	ug/l	98
30) Chloroform	7.671	83	5224	3.060	ug/l	98
31) Cyclohexane	7.951	56	6331	3.799	ug/l #	67
32) 1,1,1-Trichloroethane	7.872	97	3902	2.985	ug/l	98
36) 1,1-Dichloropropene	8.079	75	3895	2.721	ug/l	97
37) Ethyl Acetate	7.256	43	1518	2.485	ug/l #	83
38) Carbon Tetrachloride	8.061	117	3683	2.794	ug/l	92
39) Methylcyclohexane	9.329	83	4417	2.554	ug/l	93
40) Benzene	8.317	78	13397	3.261	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.500	41	972m	2.705	ug/l	
42) 1,2-Dichloroethane	8.396	62	3529	2.795	ug/l	96
43) Isopropyl Acetate	8.421	43	2865	2.449	ug/l #	60
44) Trichloroethene	9.091	130	3091	2.864	ug/l	99
45) 1,2-Dichloropropane	9.366	63	2630	2.714	ug/l	93
46) Dibromomethane	9.457	93	1525	2.897	ug/l	95
47) Bromodichloromethane	9.646	83	3584	2.682	ug/l	96
48) Methyl methacrylate	9.439	41	1394	2.433	ug/l	88
49) 1,4-Dioxane	9.451	88	298	42.694	ug/l #	75
51) 4-Methyl-2-Pentanone	10.207	43	7044	11.509	ug/l	100
52) Toluene	10.384	92	7116	2.834	ug/l	98
53) t-1,3-Dichloropropene	10.603	75	3333	2.475	ug/l	96
54) cis-1,3-Dichloropropene	10.073	75	3623	2.339	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	2029	2.763	ug/l	93
56) Ethyl methacrylate	10.646	69	2042	2.226	ug/l	97
57) 1,3-Dichloropropane	10.933	76	3579	2.794	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	4064	9.343	ug/l	96
59) 2-Hexanone	10.969	43	5044	11.653	ug/l	97
60) Dibromochloromethane	11.128	129	2321	2.644	ug/l	95
61) 1,2-Dibromoethane	11.237	107	1930	2.746	ug/l	100
64) Tetrachloroethene	10.859	164	2694	2.951	ug/l	96
65) Chlorobenzene	11.658	112	7450	2.866	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.725	131	2736	2.888	ug/l	99
67) Ethyl Benzene	11.731	91	12586	2.673	ug/l	99
68) m/p-Xylenes	11.841	106	9162	5.023	ug/l	96
69) o-Xylene	12.164	106	4293	2.557	ug/l	97
70) Styrene	12.176	104	6906	2.400	ug/l	99
71) Bromoform	12.347	173	1407	2.717	ug/l #	98
73) Isopropylbenzene	12.463	105	11394	2.463	ug/l	100
74) N-amyl acetate	12.274	43	2458	2.320	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.713	83	2315	2.838	ug/l	96
76) 1,2,3-Trichloropropane	12.762	75	1938m	2.951	ug/l	
77) Bromobenzene	12.749	156	3379	3.018	ug/l	95
78) n-propylbenzene	12.804	91	14981	2.628	ug/l	100
79) 2-Chlorotoluene	12.890	91	8950	2.726	ug/l	99
80) 1,3,5-Trimethylbenzene	12.938	105	10067	2.501	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	620m	2.358	ug/l	
82) 4-Chlorotoluene	12.987	91	9454	2.713	ug/l	98
83) tert-Butylbenzene	13.207	119	8888	2.597	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	9455	2.359	ug/l	96
85) sec-Butylbenzene	13.377	105	13205	2.565	ug/l	97
86) p-Isopropyltoluene	13.493	119	10682	2.444	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	6597	2.875	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	7054	3.082	ug/l	89
89) n-Butylbenzene	13.822	91	10603	2.581	ug/l	97
90) Hexachloroethane	14.085	117	2176	2.735	ug/l	95
91) 1,2-Dichlorobenzene	13.871	146	5963	2.968	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	401	2.756	ug/l	87
93) 1,2,4-Trichlorobenzene	15.127	180	4151	3.012	ug/l	98
94) Hexachlorobutadiene	15.231	225	2532	2.843	ug/l	94
95) Naphthalene	15.359	128	5943	2.594	ug/l	97
96) 1,2,3-Trichlorobenzene	15.548	180	3492	2.822	ug/l	99

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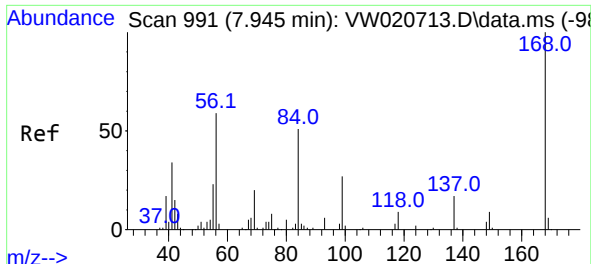
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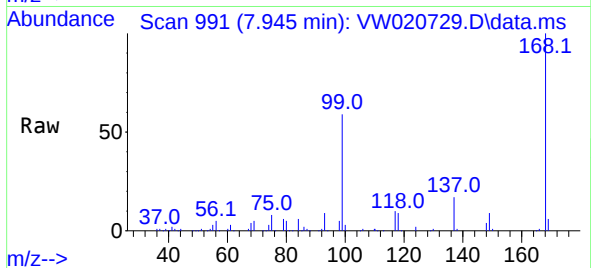
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Response via : Initial Calibration

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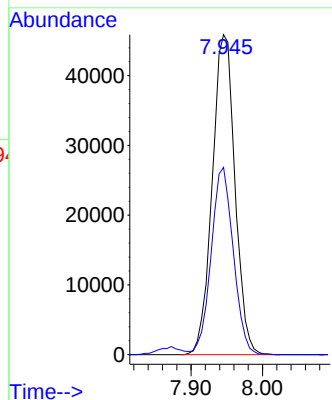
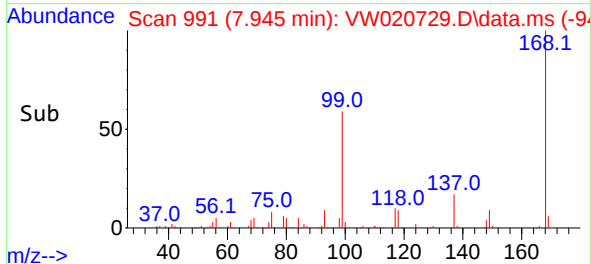
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



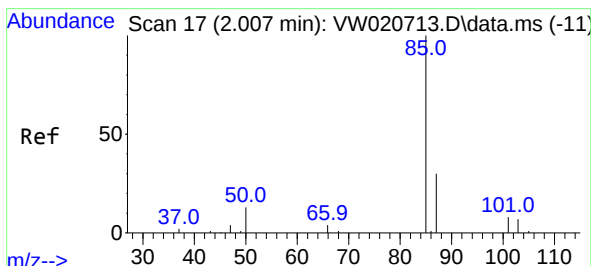
Tgt Ion:168 Resp: 101175
Ion Ratio Lower Upper
168 100
99 58.6 46.2 69.4



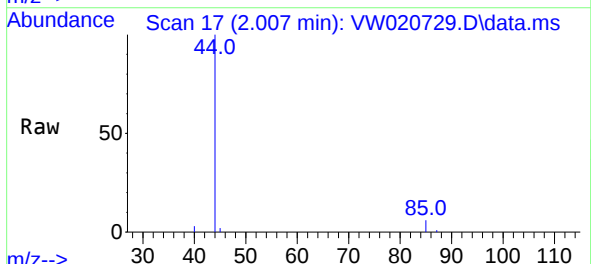
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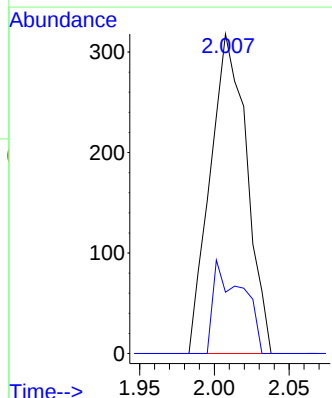
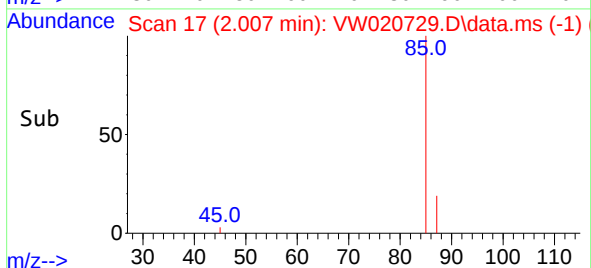
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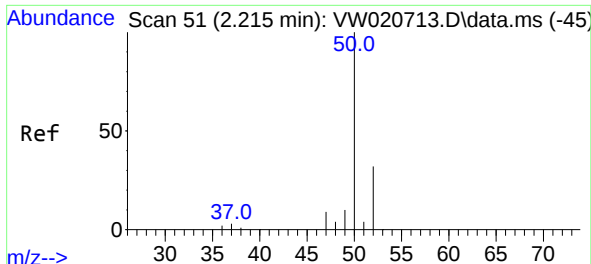


#2
Dichlorodifluoromethane
Concen: 2.169 ug/l
RT: 2.007 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

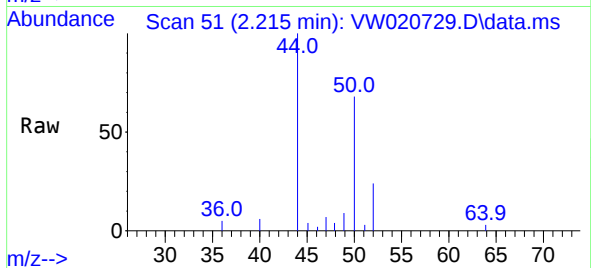


Tgt Ion: 85 Resp: 539
Ion Ratio Lower Upper
85 100
87 19.2 15.0 45.1

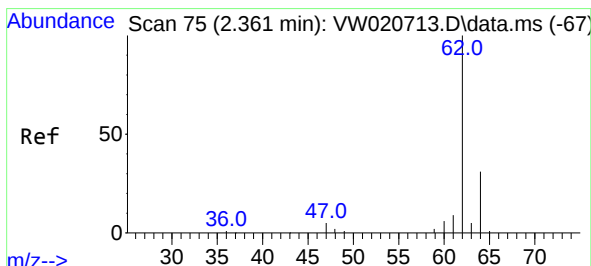
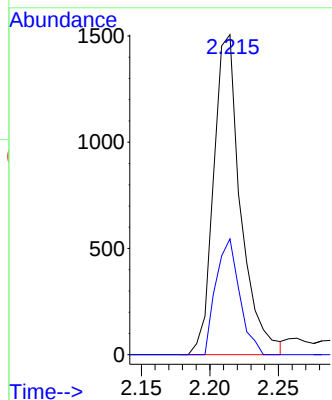
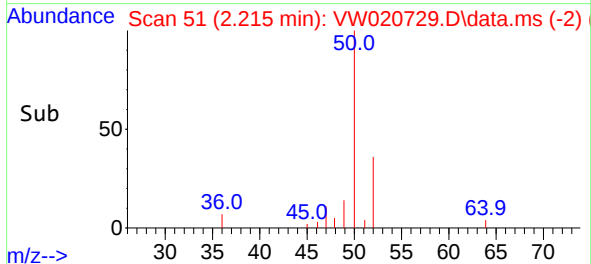




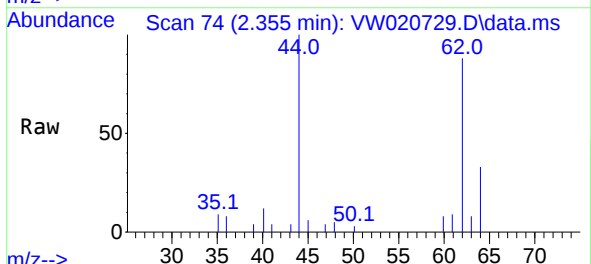
#3
Chloromethane
Concen: 3.427 ug/l
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



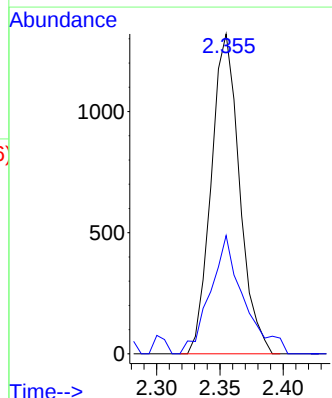
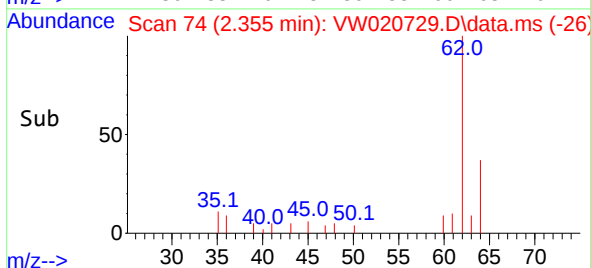
Tgt Ion: 50 Resp: 2073
Ion Ratio Lower Upper
50 100
52 36.2 25.2 37.8



#4
Vinyl Chloride
Concen: 2.905 ug/l
RT: 2.355 min Scan# 74
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



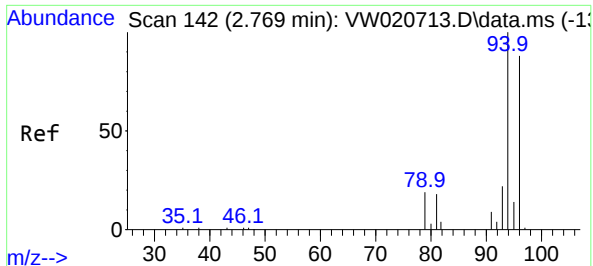
Tgt Ion: 62 Resp: 2057
Ion Ratio Lower Upper
62 100
64 37.0 25.0 37.4



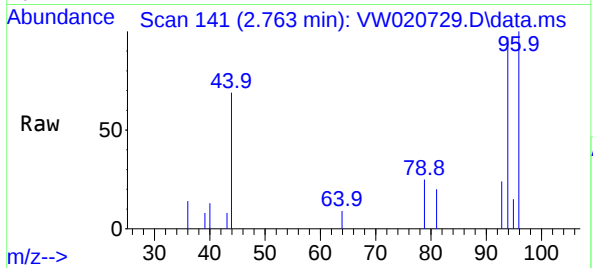
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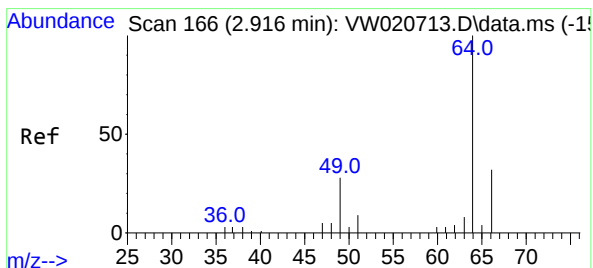
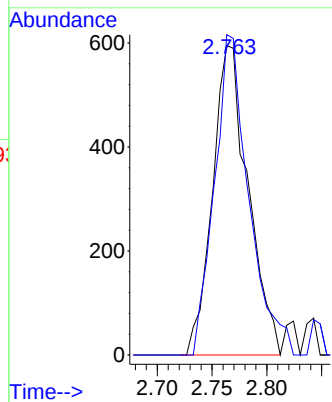
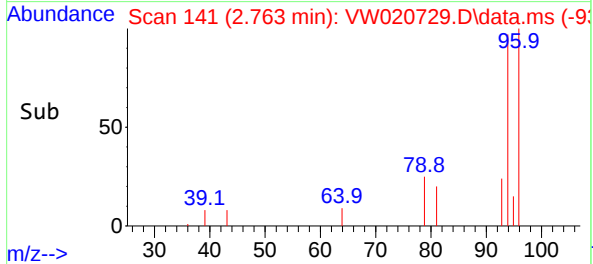
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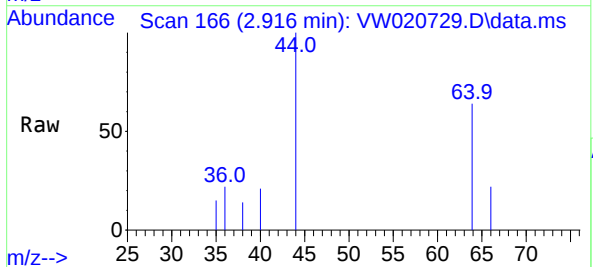
#5
Bromomethane
Concen: 4.689 ug/l
RT: 2.763 min Scan# 141
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



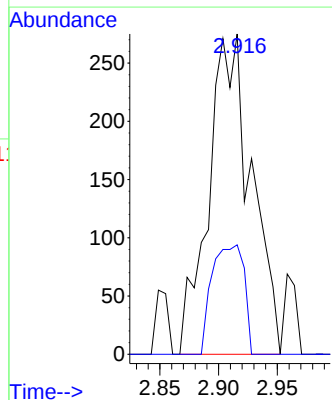
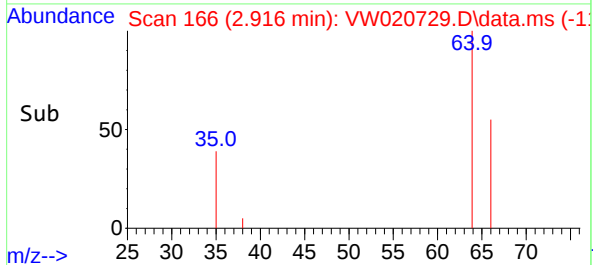
Tgt Ion: 94 Resp: 1343
Ion Ratio Lower Upper
94 100
96 103.5 70.1 105.1



#6
Chloroethane
Concen: 3.909 ug/l
RT: 2.916 min Scan# 166
Delta R.T. -0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



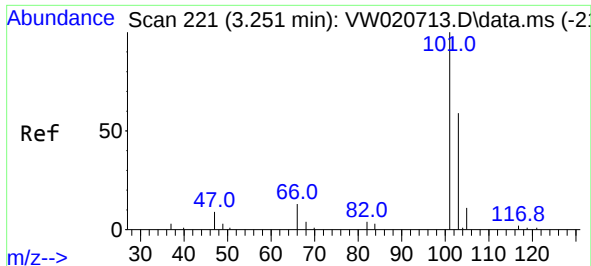
Tgt Ion: 64 Resp: 699
Ion Ratio Lower Upper
64 100
66 34.2 25.5 38.3



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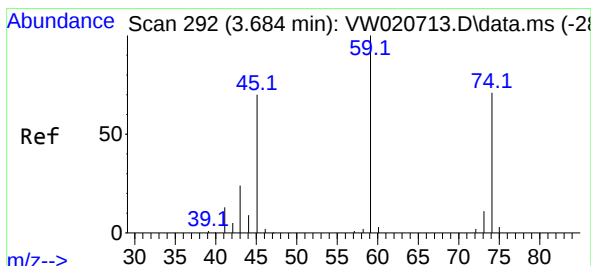
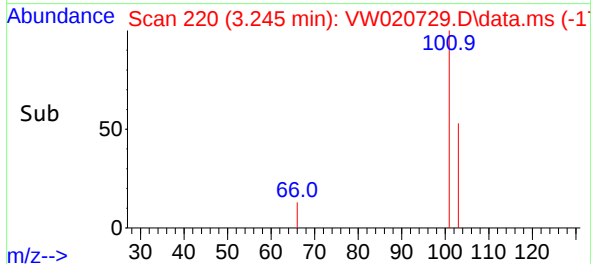
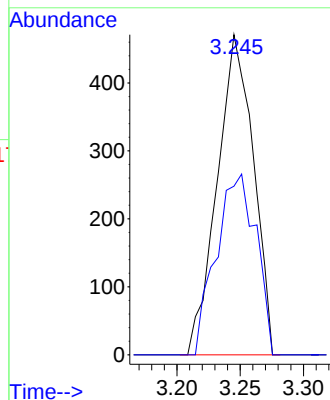
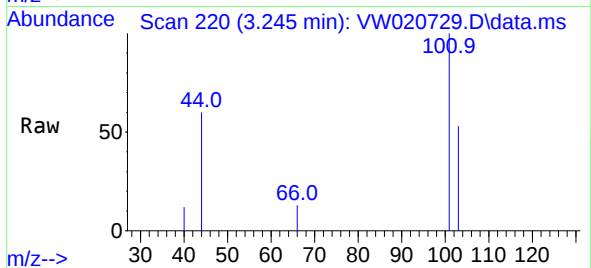
#7
 Trichlorofluoromethane
 Concen: 2.813 ug/l
 RT: 3.245 min Scan# 220
 Delta R.T. -0.006 min
 Lab File: VW020729.D
 Acq: 29 Oct 2021 16:33

Tgt Ion: 101 Resp: 937
 Ion Ratio Lower Upper
 101 100
 103 52.7 47.4 71.0

Instrument :
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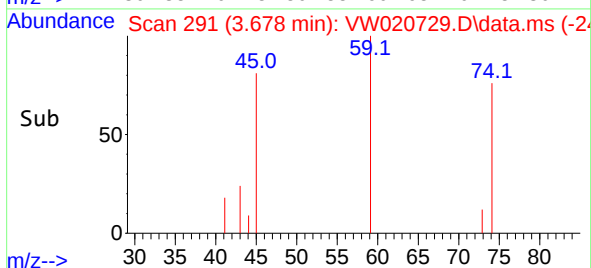
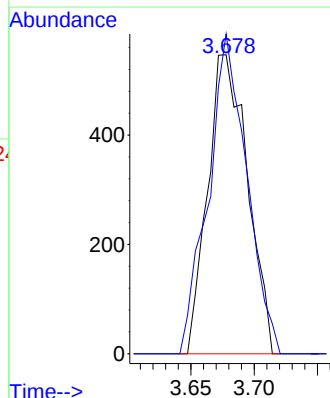
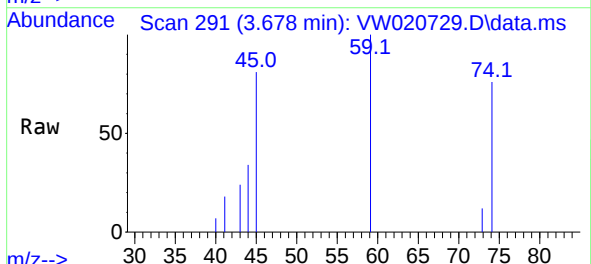
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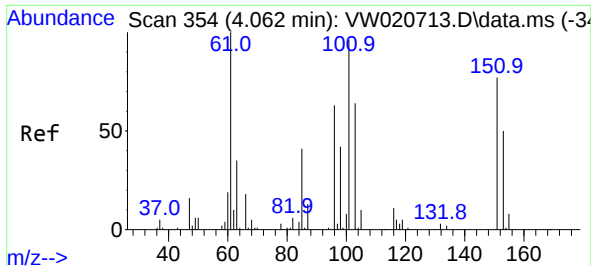
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#8
 Diethyl Ether
 Concen: 2.902 ug/l
 RT: 3.678 min Scan# 291
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 1198
 Ion Ratio Lower Upper
 74 100
 45 103.0 50.4 151.2





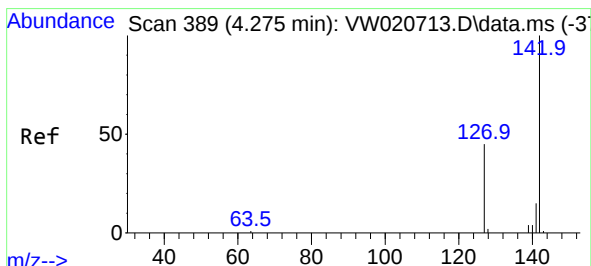
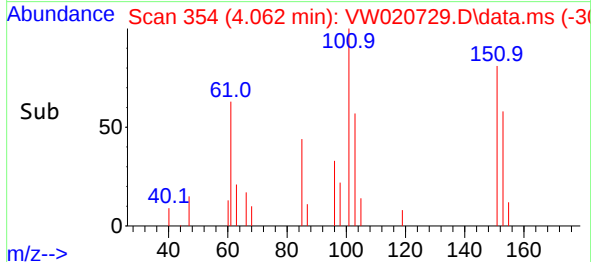
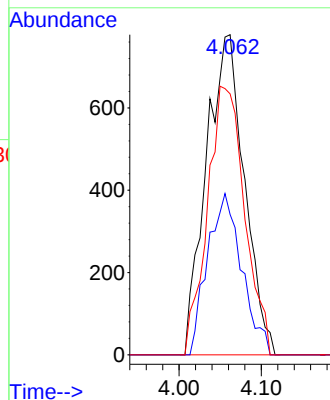
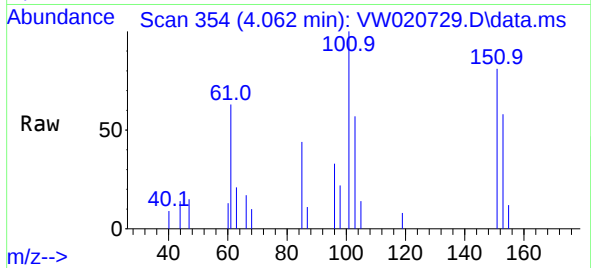
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.074 ug/l
RT: 4.062 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion:	101	Resp:	2508
Ion	Ratio	Lower	Upper
101	100		
85	45.2	35.3	52.9
151	81.8	63.8	95.6

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

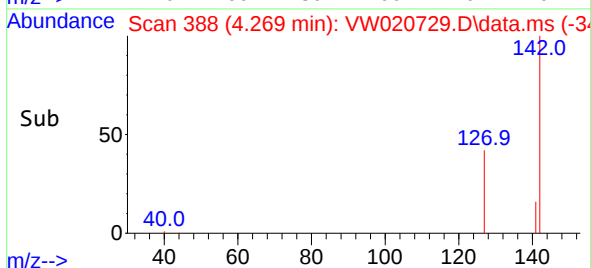
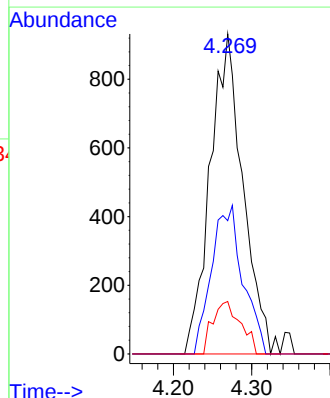
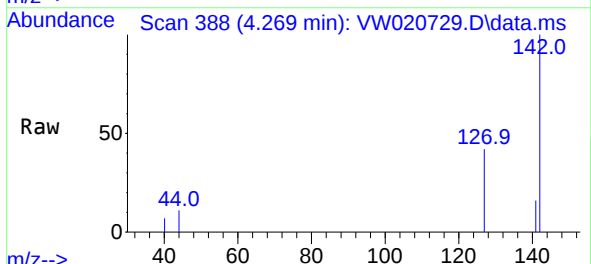
Manual Integrations
APPROVED

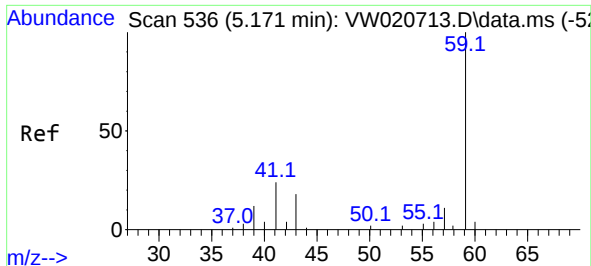
MMDadoda
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#10
Methyl Iodide
Concen: 2.961 ug/l
RT: 4.269 min Scan# 388
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion:	142	Resp:	2721
Ion	Ratio	Lower	Upper
142	100		
127	44.2	36.3	54.5
141	13.8	12.1	18.1





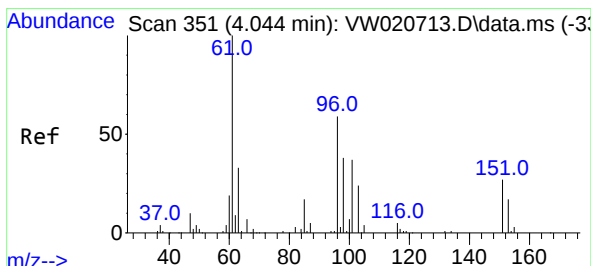
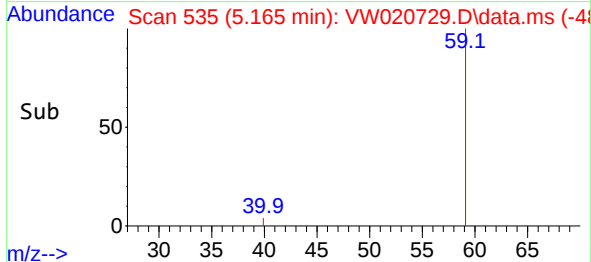
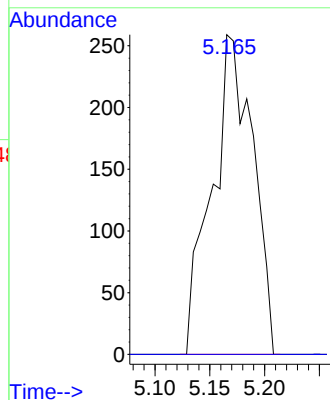
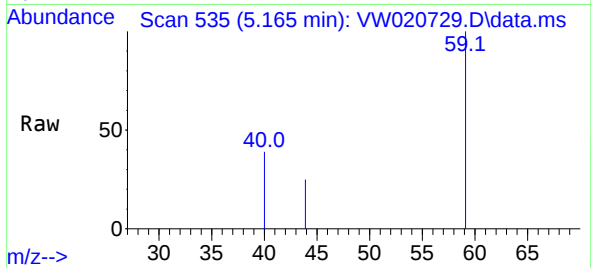
#11
Tert butyl alcohol
Concen: 12.772 ug/l
RT: 5.165 min Scan# 535
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion: 59 Resp: 676
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

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

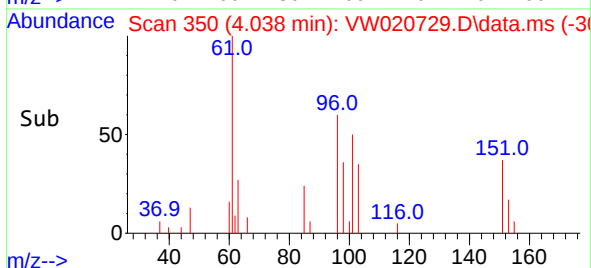
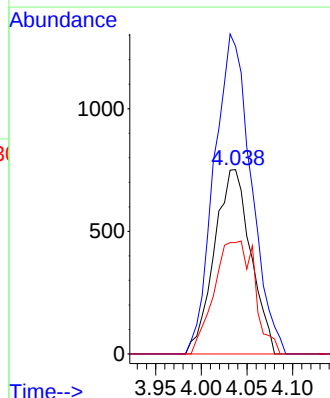
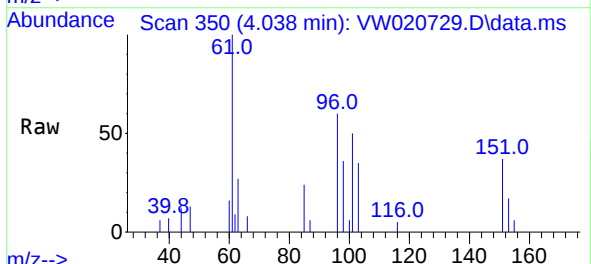
Manual Integrations
APPROVED

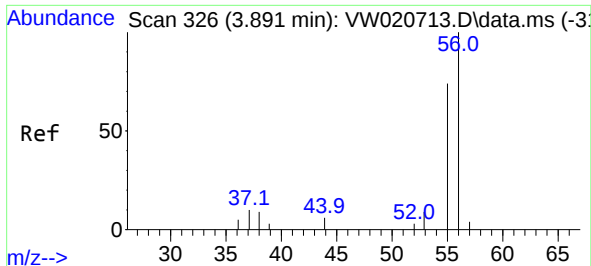
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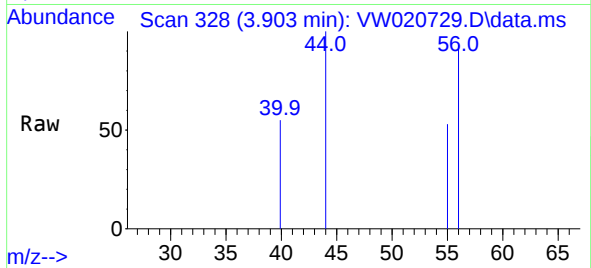
#12
1,1-Dichloroethene
Concen: 2.623 ug/l
RT: 4.038 min Scan# 350
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion: 96 Resp: 2086
Ion Ratio Lower Upper
96 100
61 166.9 136.6 205.0
98 60.4 52.2 78.4

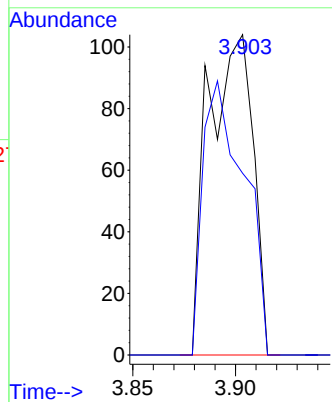
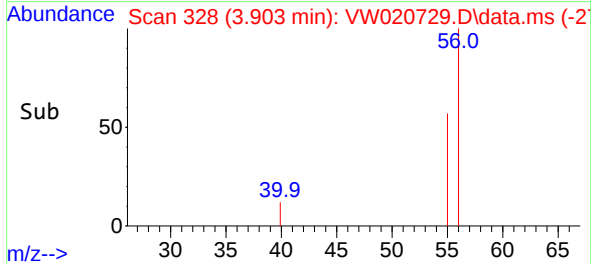




#13
Acrolein
Concen: 6.747 ug/l
RT: 3.903 min Scan# 328
Delta R.T. 0.012 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



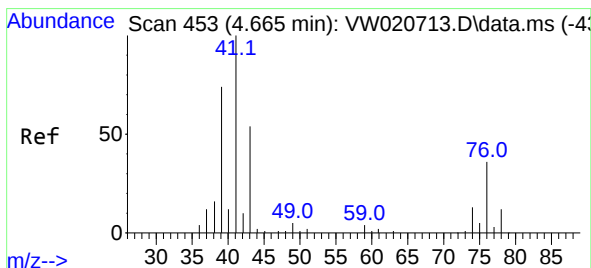
Tgt Ion: 56 Resp: 157
Ion Ratio Lower Upper
56 100
55 79.6 58.2 87.4



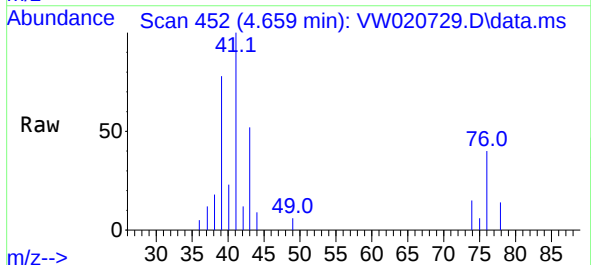
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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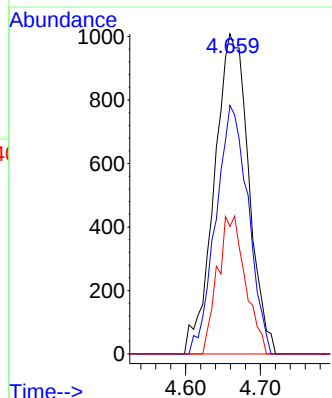
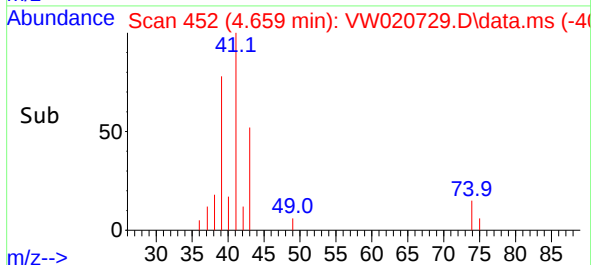
MMDadoda
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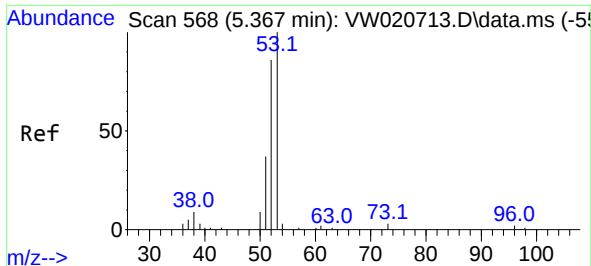


#14
Allyl chloride
Concen: 2.631 ug/l
RT: 4.659 min Scan# 452
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



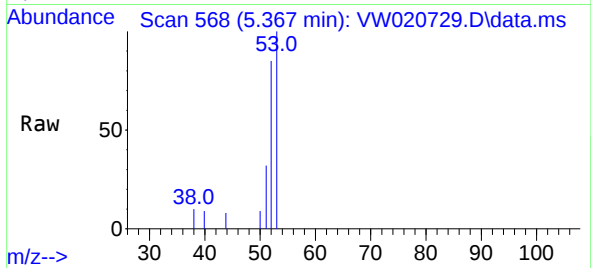
Tgt Ion: 41 Resp: 3218
Ion Ratio Lower Upper
41 100
39 73.2 57.1 85.7
76 35.1 27.9 41.9





#15
Acrylonitrile
Concen: 13.747 ug/l
RT: 5.367 min Scan# 568
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

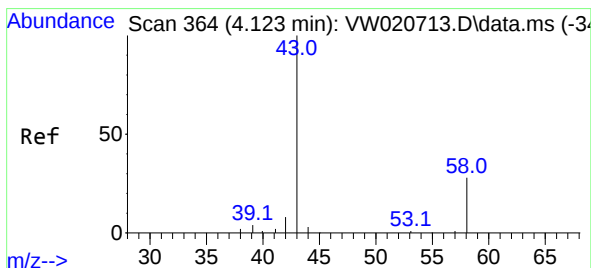
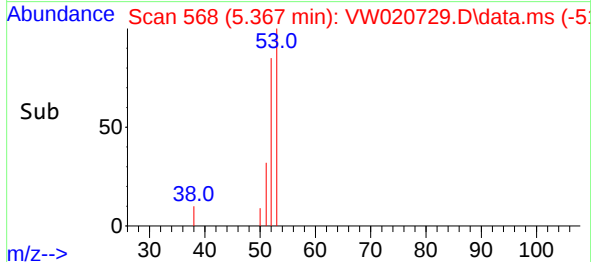
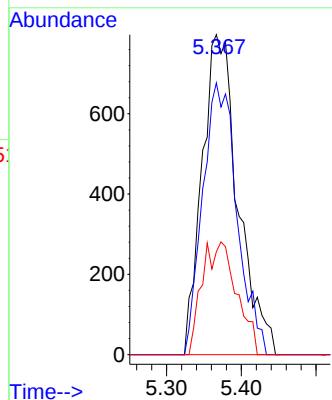
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:	53	Resp:	2657
Ion	Ratio	Lower	Upper
53	100		
52	81.0	67.7	101.5
51	33.9	29.8	44.8

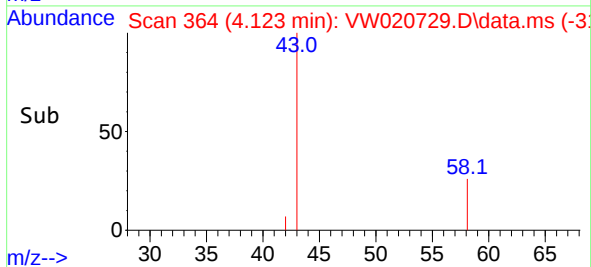
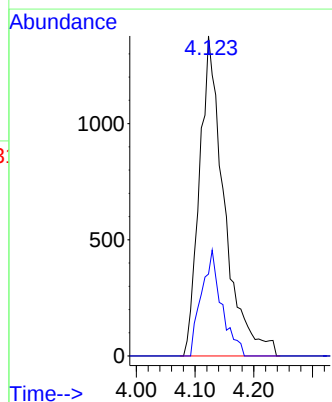
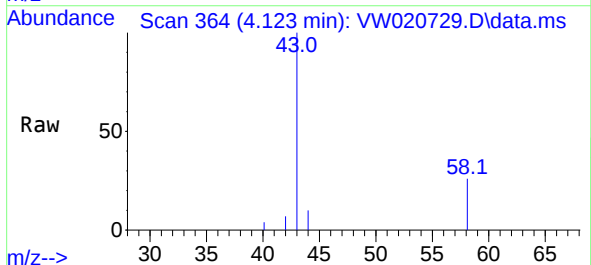
Manual Integrations
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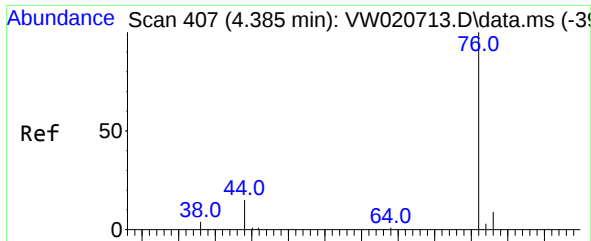
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#16
Acetone
Concen: 18.134 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

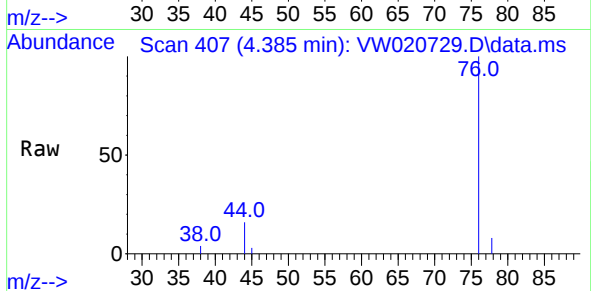
Tgt Ion:	43	Resp:	4035
Ion	Ratio	Lower	Upper
43	100		
58	25.6	23.2	34.8





#17
Carbon Disulfide
Concen: 2.740 ug/l
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

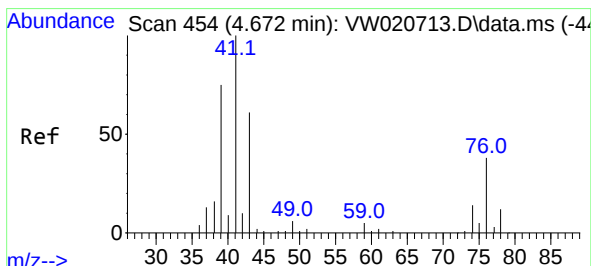
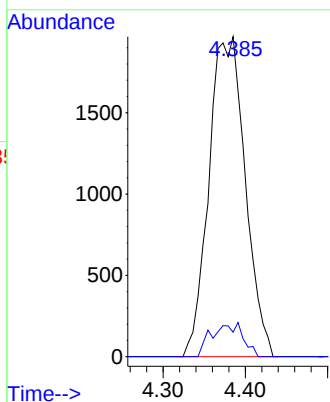
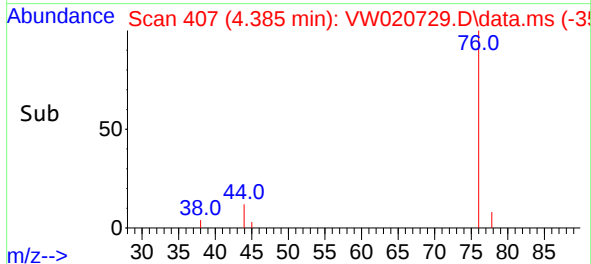
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



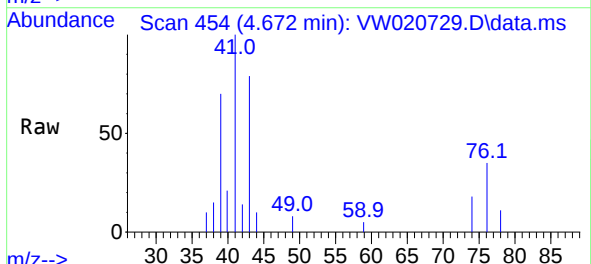
Tgt Ion: 76 Resp: 6030
Ion Ratio Lower Upper
76 100
78 7.7 7.0 10.6

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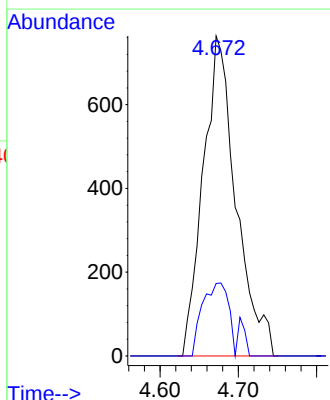
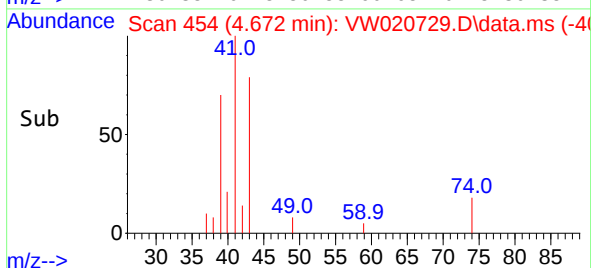
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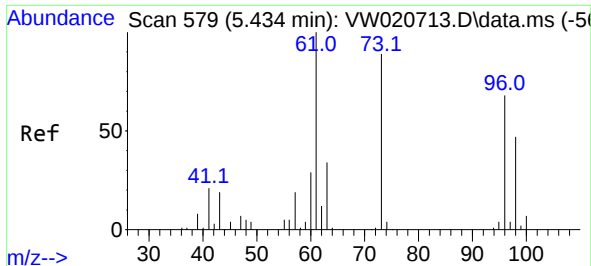


#18
Methyl Acetate
Concen: 3.127 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

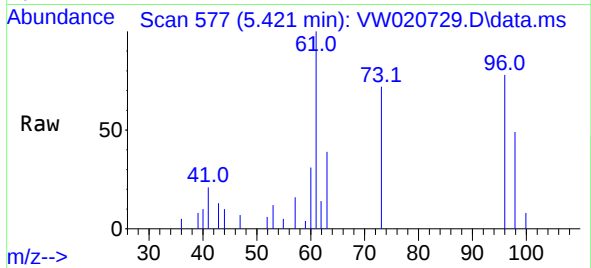


Tgt Ion: 43 Resp: 2224
Ion Ratio Lower Upper
43 100
74 18.1 18.8 28.2#

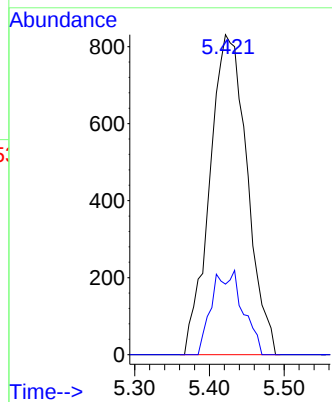
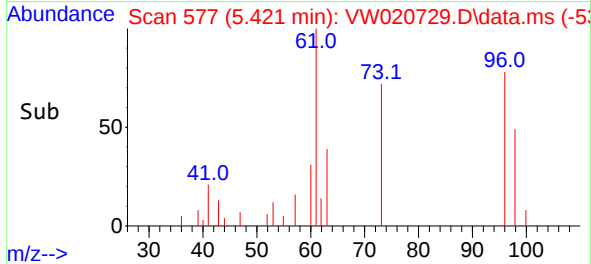




#19
Methyl tert-butyl Ether
Concen: 2.652 ug/l
RT: 5.421 min Scan# 577
Delta R.T. -0.012 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



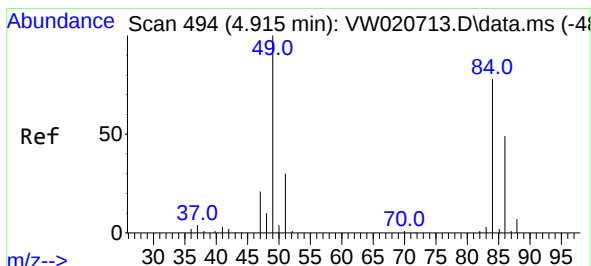
Tgt Ion: 73 Resp: 2890
Ion Ratio Lower Upper
73 100
57 22.0 16.8 25.2



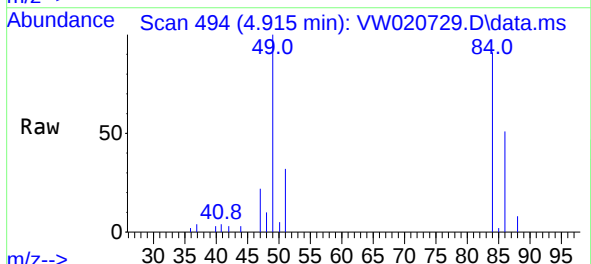
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
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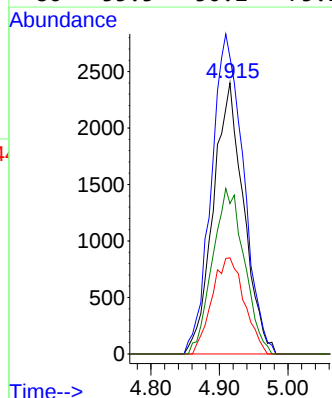
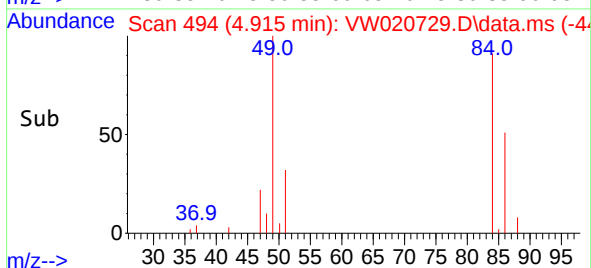
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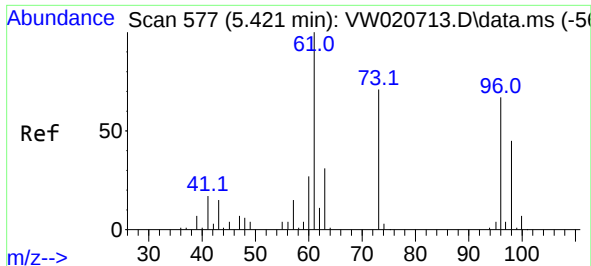


#20
Methylene Chloride
Concen: 7.014 ug/l
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

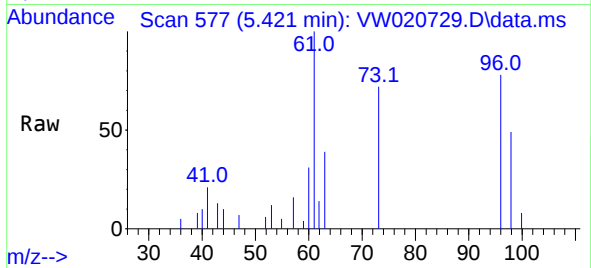


Tgt Ion: 84 Resp: 7408
Ion Ratio Lower Upper
84 100
49 109.4 102.0 153.0
51 35.5 30.6 45.8
86 55.5 50.2 75.2



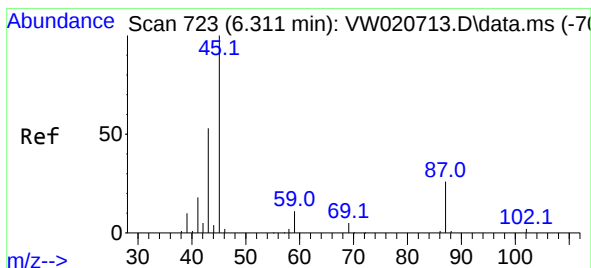
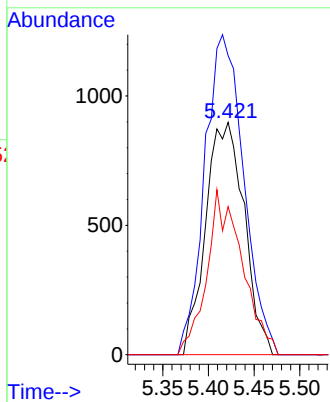
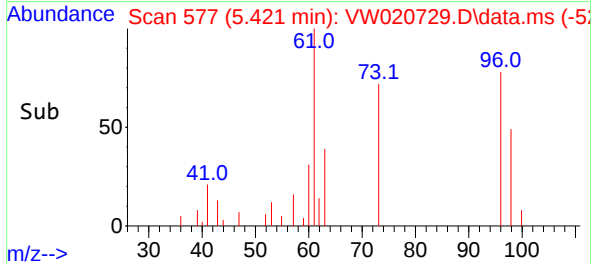


#21
trans-1,2-Dichloroethene
Concen: 2.957 ug/l
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

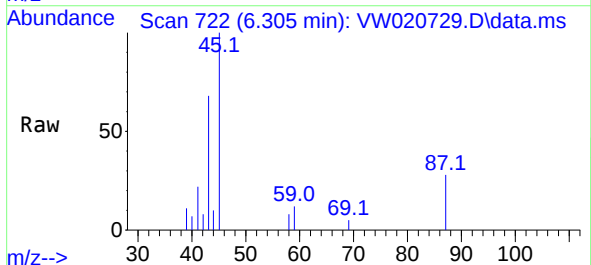


Tgt Ion: 96 Resp: 2630

Ion	Ratio	Lower	Upper
96	100		
61	128.7	119.0	178.6
98	63.7	53.7	80.5

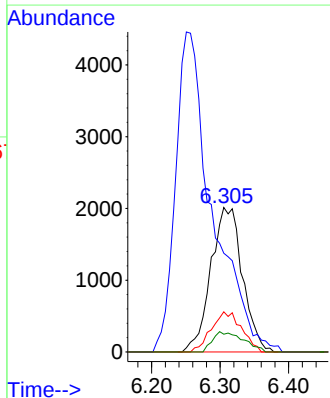
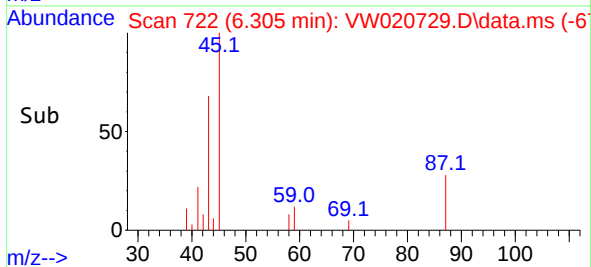


#22
Diisopropyl ether
Concen: 2.529 ug/l
RT: 6.305 min Scan# 722
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



Tgt Ion: 45 Resp: 6453

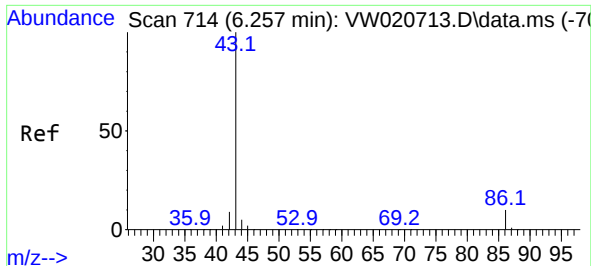
Ion	Ratio	Lower	Upper
45	100		
43	64.1	43.8	65.6
87	27.8	21.6	32.4
59	12.3	9.4	14.0



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

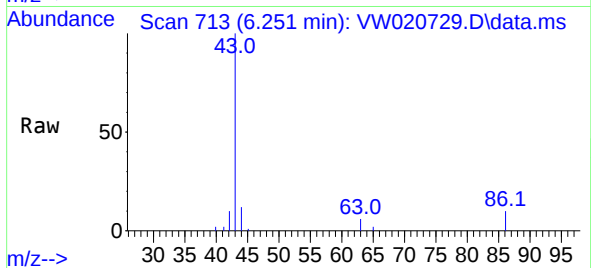
Manual Integrations
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#23
 Vinyl Acetate
 Concen: 11.953 ug/l
 RT: 6.251 min Scan# 713
 Delta R.T. -0.006 min
 Lab File: VW020729.D
 Acq: 29 Oct 2021 16:33

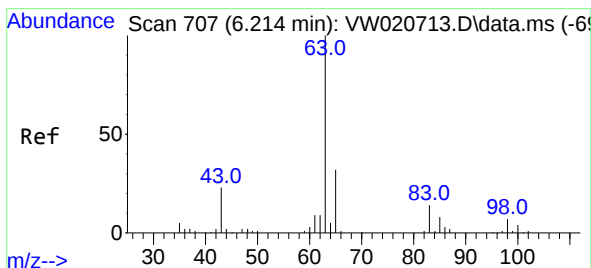
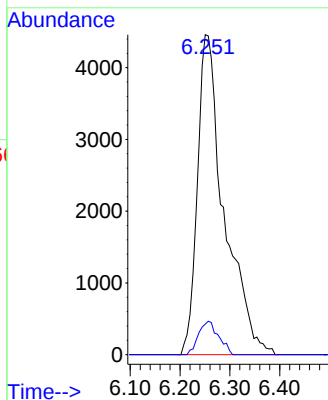
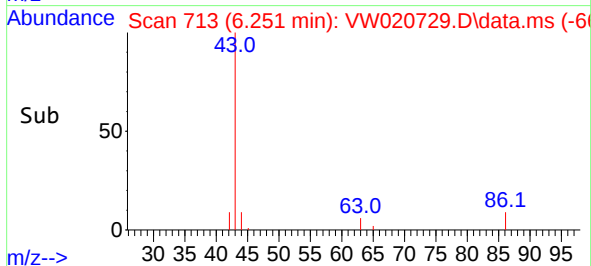
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021



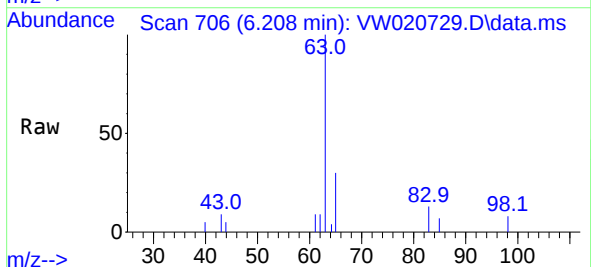
Tgt Ion: 43 Resp: 16593
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.1 12.1

Manual Integrations
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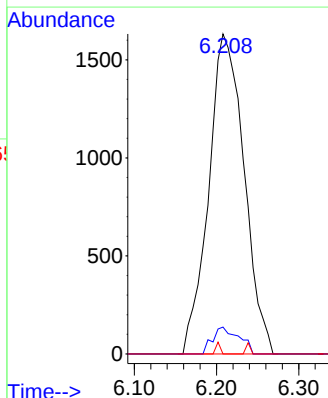
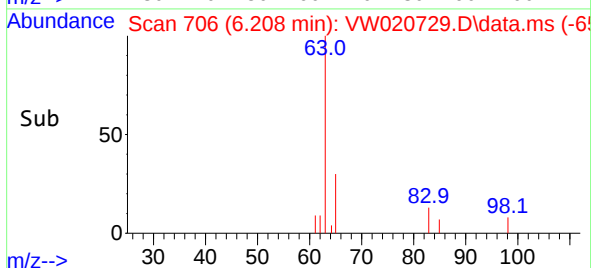
MMDadoda
 11/1/2021 6:28:12 PM

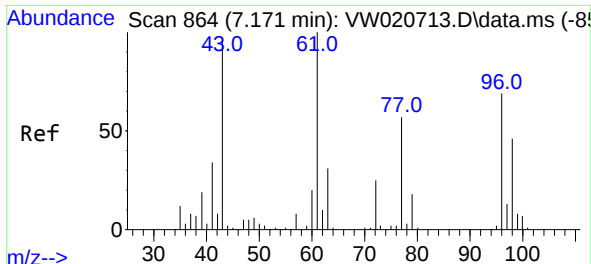


#24
 1,1-Dichloroethane
 Concen: 2.983 ug/l
 RT: 6.208 min Scan# 706
 Delta R.T. -0.006 min
 Lab File: VW020729.D
 Acq: 29 Oct 2021 16:33



Tgt Ion: 63 Resp: 4878
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.5 10.6
 100 0.0 2.1 6.5#





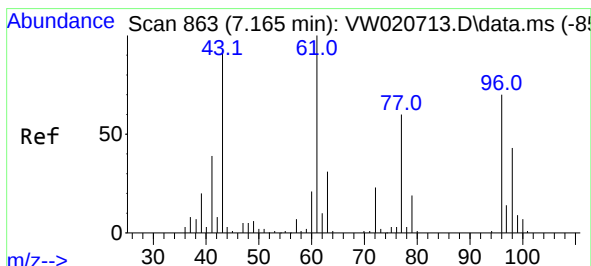
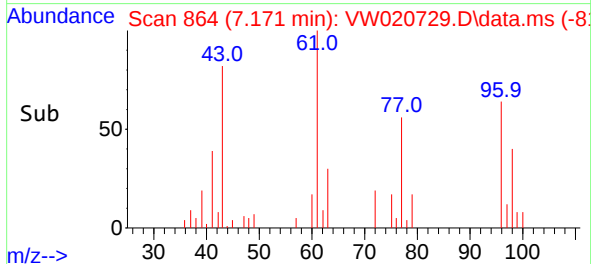
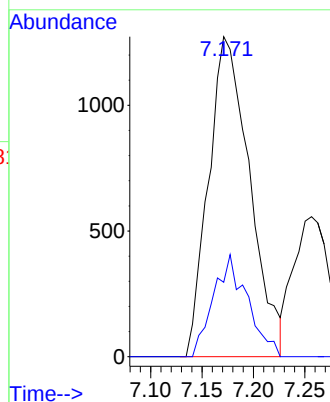
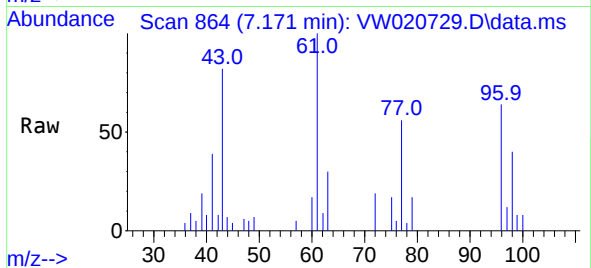
#25
2-Butanone
Concen: 13.243 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion: 43 Resp: 3543
Ion Ratio Lower Upper
43 100
72 23.3 20.4 30.6

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

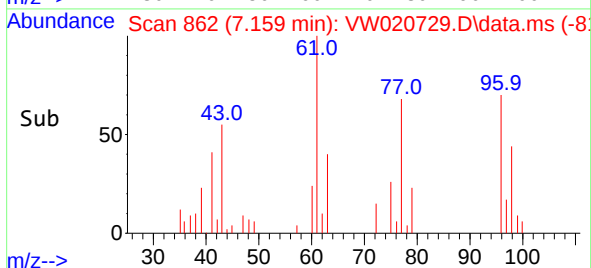
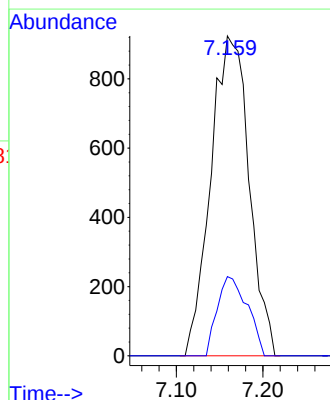
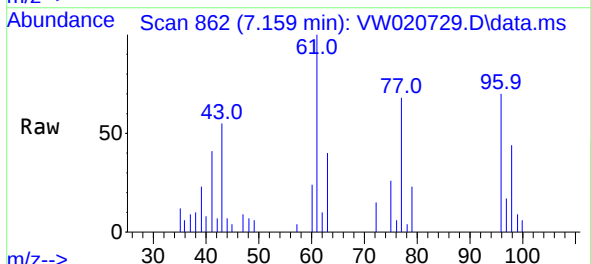
Manual Integrations
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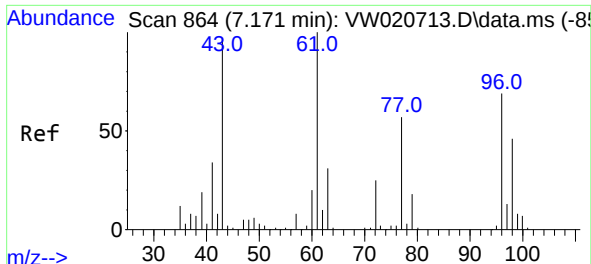
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#26
2,2-Dichloropropane
Concen: 3.124 ug/l
RT: 7.159 min Scan# 862
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion: 77 Resp: 2842
Ion Ratio Lower Upper
77 100
97 19.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 2.800 ug/l

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW020729.D

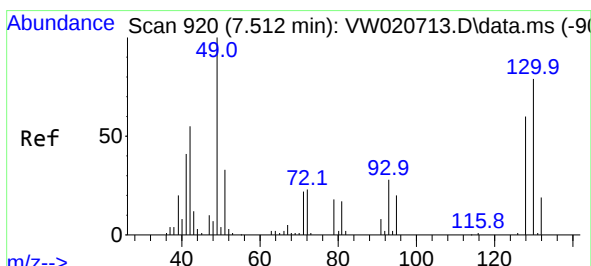
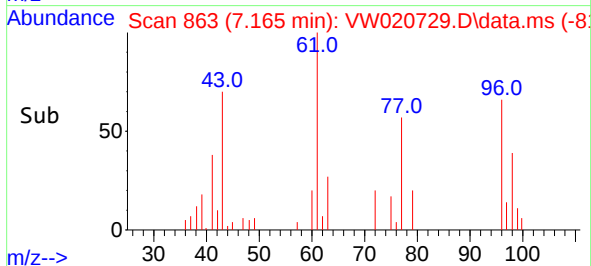
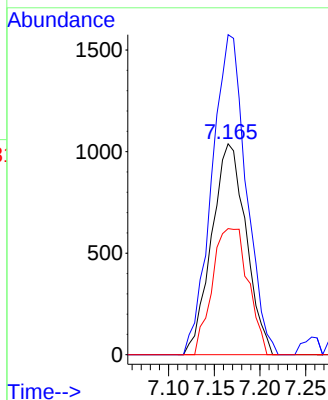
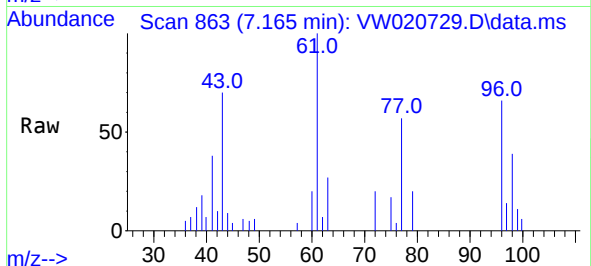
Acq: 29 Oct 2021 16:33

Tgt Ion: 96	Resp: 2724		
Ion Ratio	Lower	Upper	
96	100		
61	151.4	0.0	288.8
98	62.2	0.0	129.2

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

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#28

Bromochloromethane

Concen: 2.905 ug/l

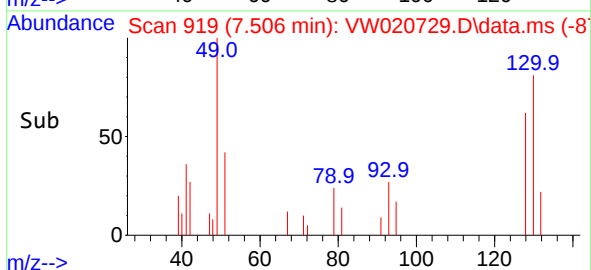
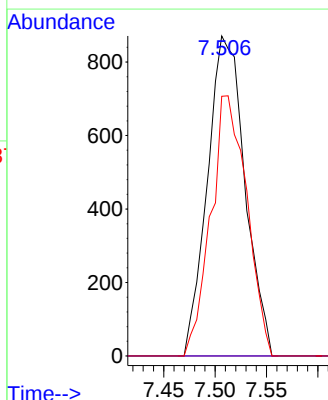
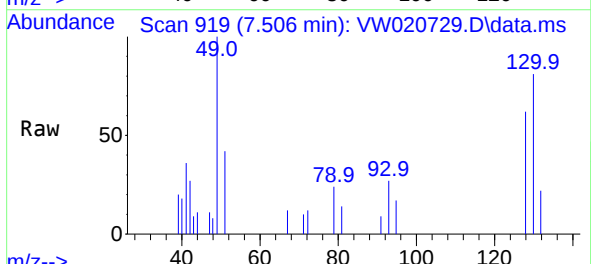
RT: 7.506 min Scan# 919

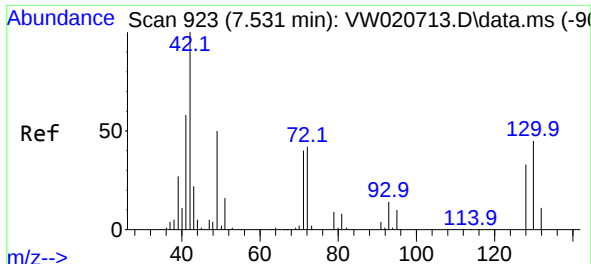
Delta R.T. -0.006 min

Lab File: VW020729.D

Acq: 29 Oct 2021 16:33

Tgt Ion: 49	Resp: 2207
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 0.0
130 78.0	63.7 95.5





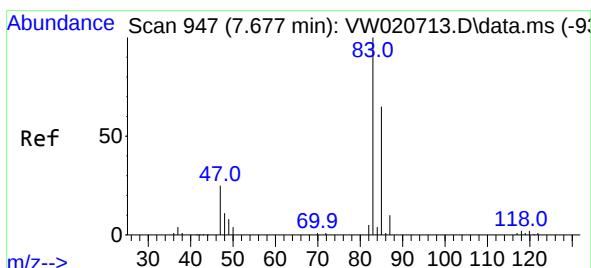
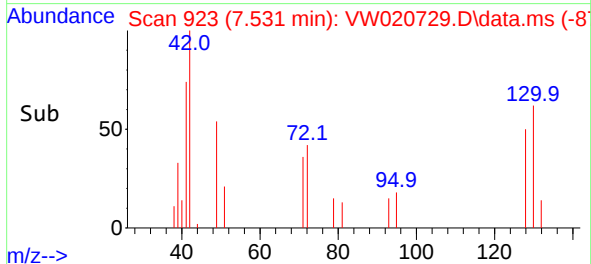
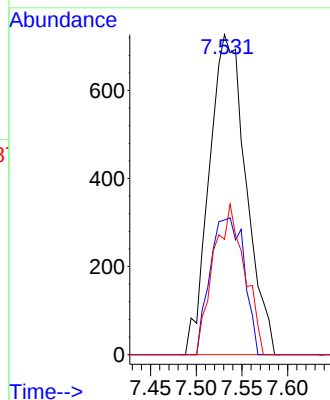
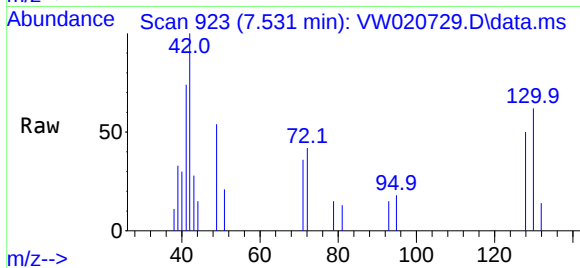
#29
Tetrahydrofuran
Concen: 12.528 ug/l
RT: 7.531 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion: 42	Resp: 2028
Ion Ratio	Lower Upper
42 100	
72 39.5	33.0 49.6
71 39.7	31.5 47.3

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

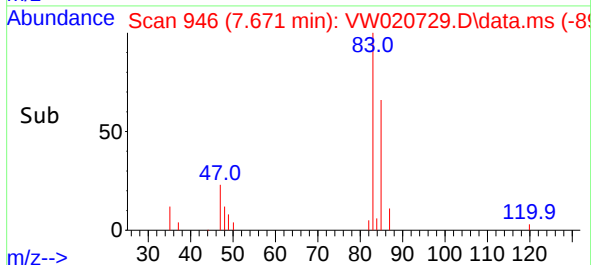
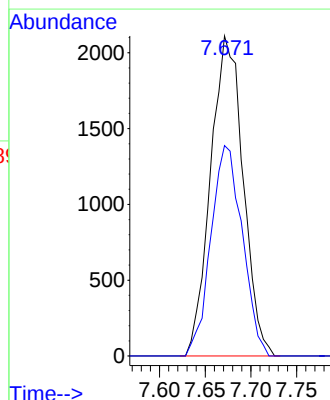
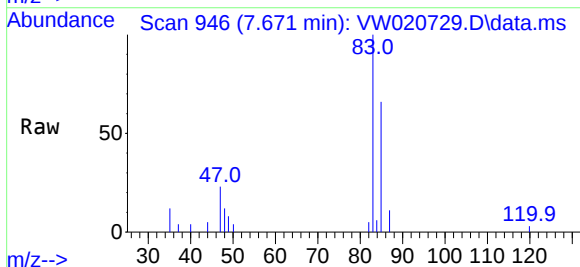
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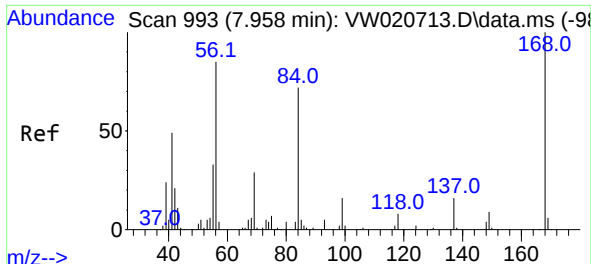
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#30
Chloroform
Concen: 3.060 ug/l
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

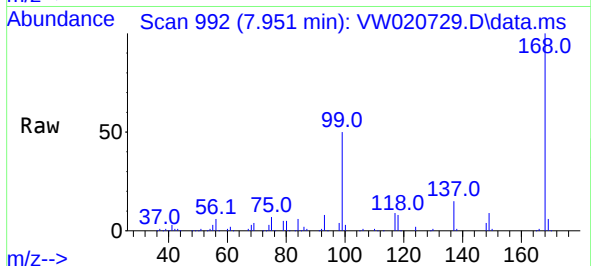
Tgt Ion: 83	Resp: 5224		
Ion Ratio	Lower	Upper	
83 100			
85 65.8	51.6	77.4	





#31
Cyclohexane
Concen: 3.799 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

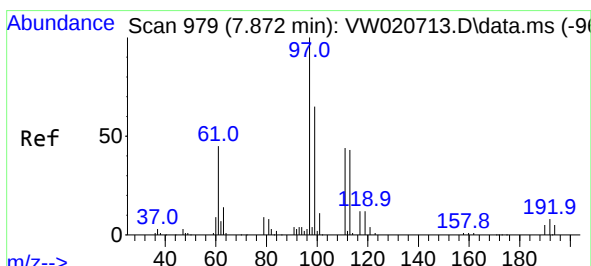
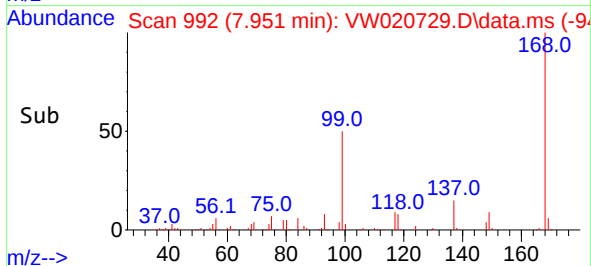
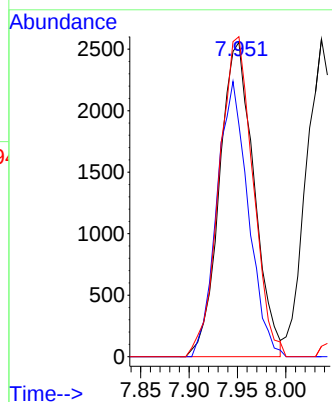
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 56 Resp: 6331
Ion Ratio Lower Upper
56 100
69 73.8 26.9 40.3#
84 101.8 68.1 102.1

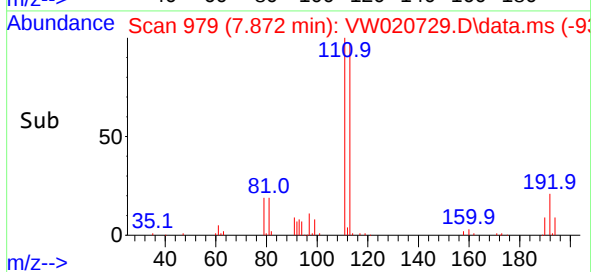
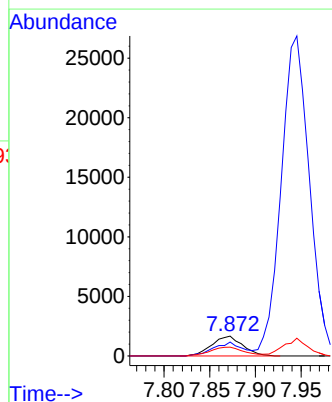
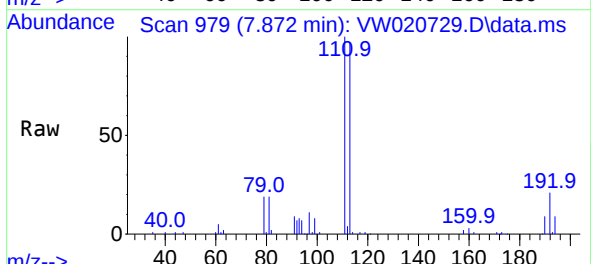
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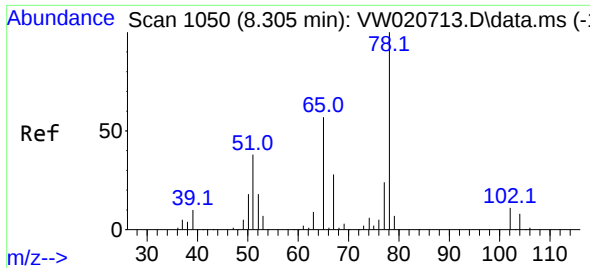
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#32
1,1,1-Trichloroethane
Concen: 2.985 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion: 97 Resp: 3902
Ion Ratio Lower Upper
97 100
99 65.6 51.9 77.9
61 47.7 36.5 54.7





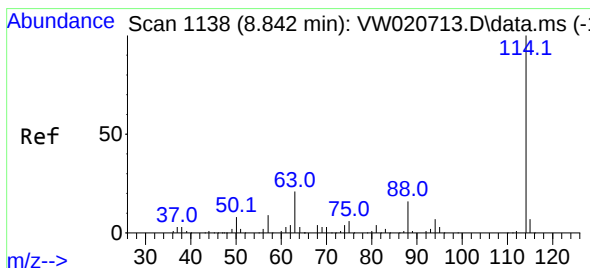
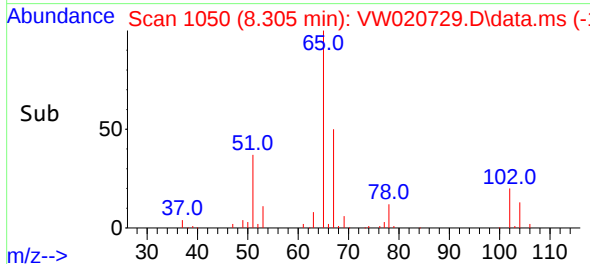
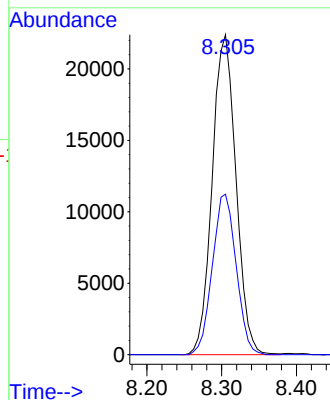
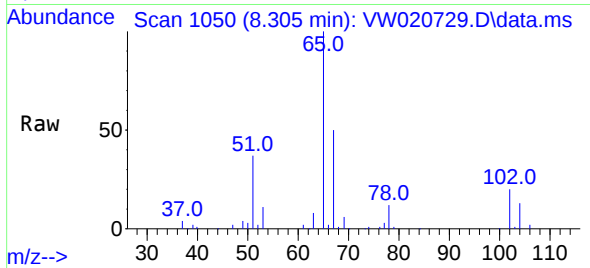
#33
1,2-Dichloroethane-d4
Concen: 49.858 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion: 65 Resp: 49584
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.8

Instrument :
MSVOA_W
ClientSampleId :
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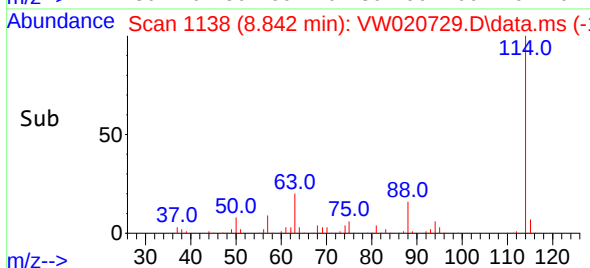
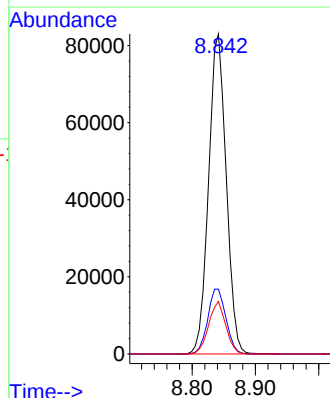
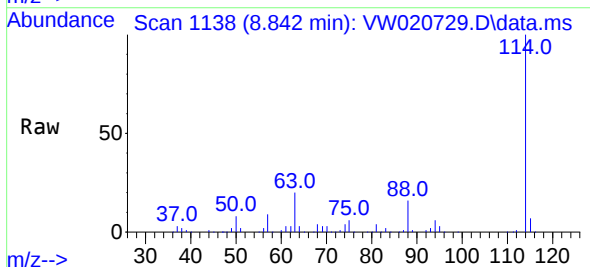
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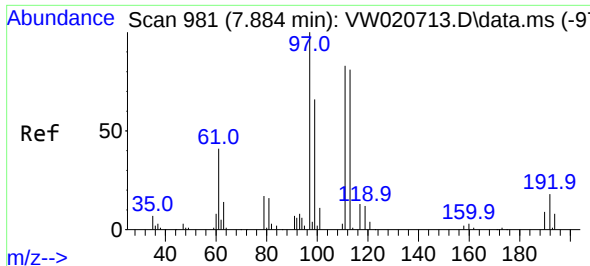
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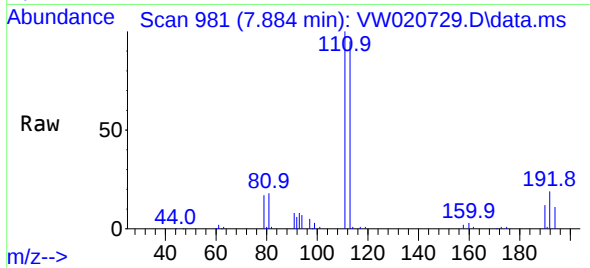
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion: 114 Resp: 160442
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.4
88 16.4 0.0 32.8

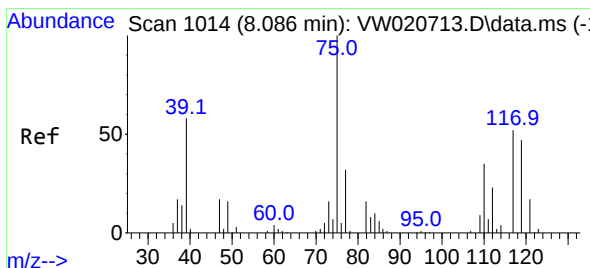
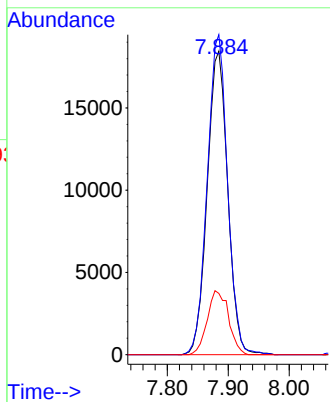
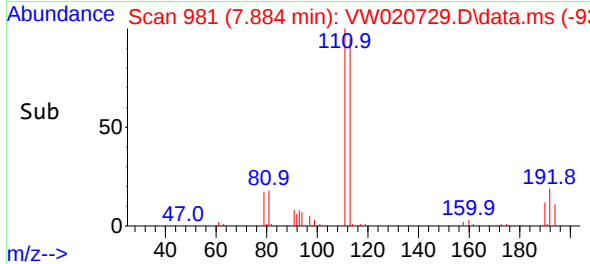




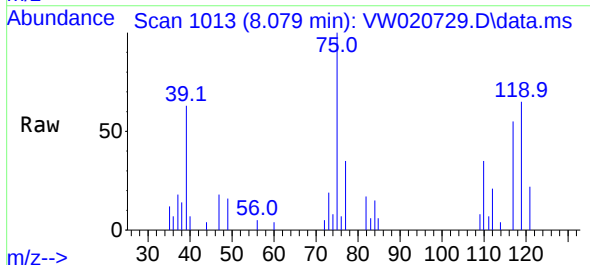
#35
Dibromofluoromethane
Concen: 45.894 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



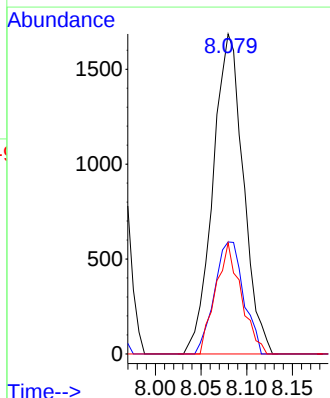
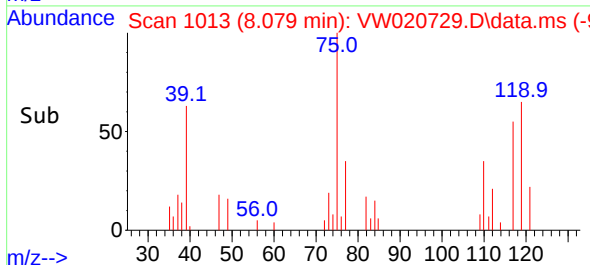
Tgt Ion: 113 Resp: 43195
Ion Ratio Lower Upper
113 100
111 104.5 82.3 123.5
192 21.9 17.7 26.5



#36
1,1-Dichloropropene
Concen: 2.721 ug/l
RT: 8.079 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



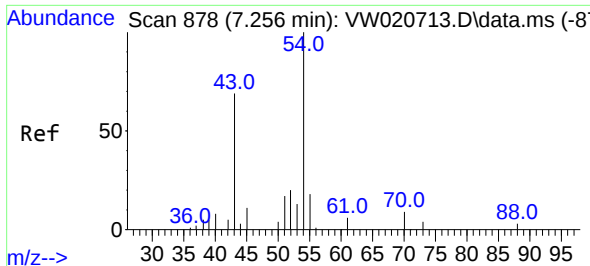
Tgt Ion: 75 Resp: 3895
Ion Ratio Lower Upper
75 100
110 33.6 17.3 52.0
77 29.1 24.8 37.2



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

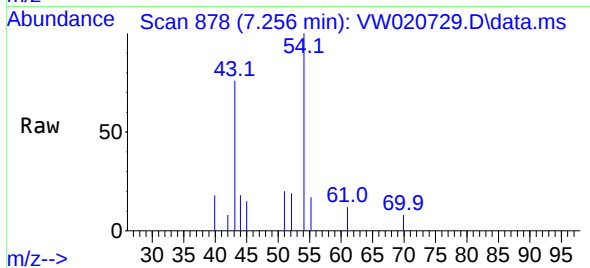
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#37
Ethyl Acetate
Concen: 2.485 ug/l
RT: 7.256 min Scan# 878
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

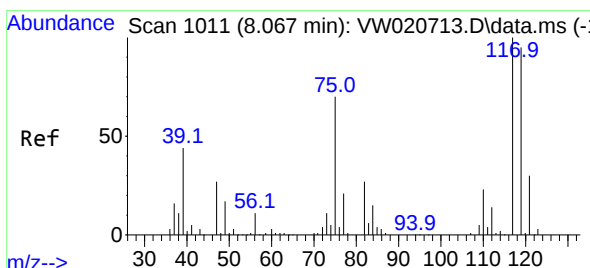
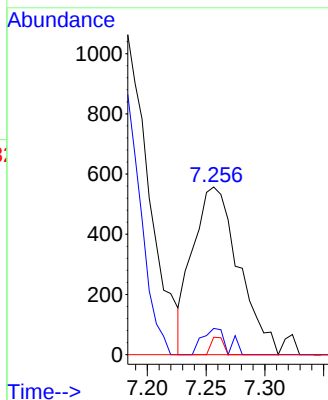
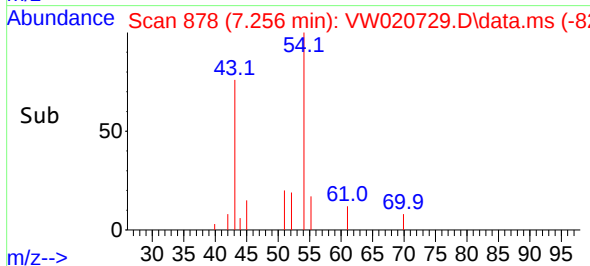
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



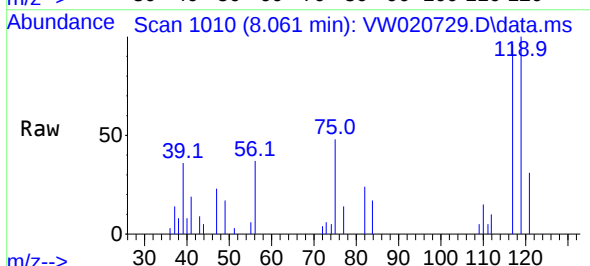
Tgt Ion: 43 Resp: 1518
Ion Ratio Lower Upper
43 100
61 8.4 11.0 16.4#
70 2.8 8.6 13.0#

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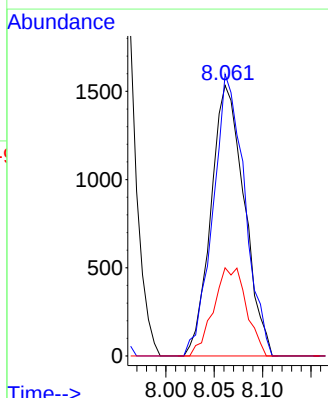
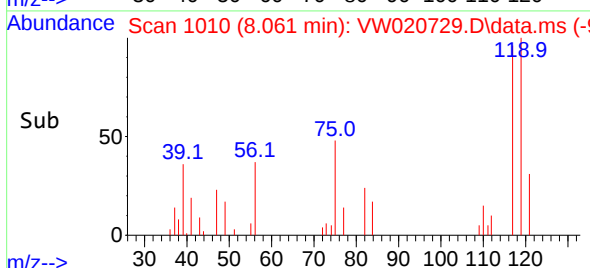
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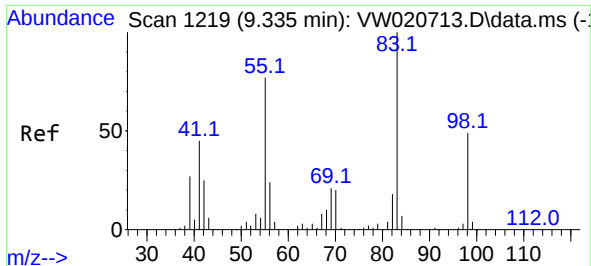


#38
Carbon Tetrachloride
Concen: 2.794 ug/l
RT: 8.061 min Scan# 1010
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



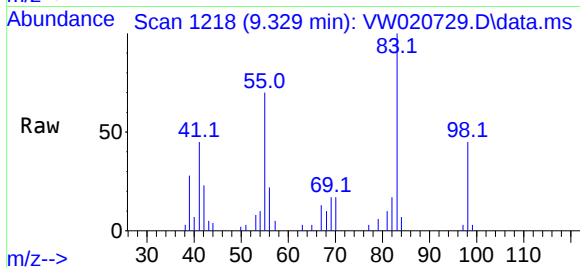
Tgt Ion: 117 Resp: 3683
Ion Ratio Lower Upper
117 100
119 104.1 76.1 114.1
121 32.6 24.2 36.4





#39
Methylcyclohexane
Concen: 2.554 ug/l
RT: 9.329 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

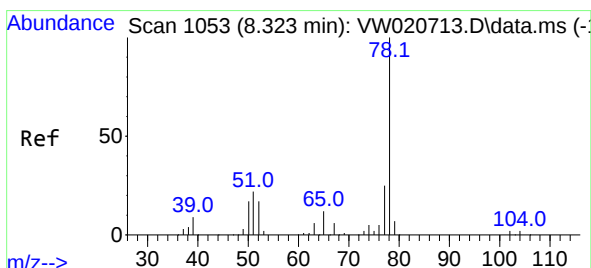
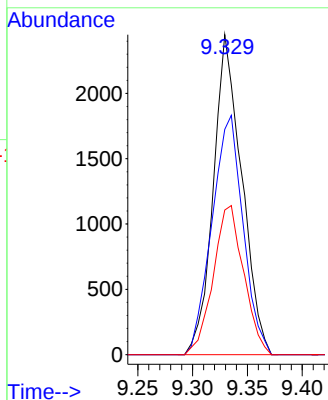
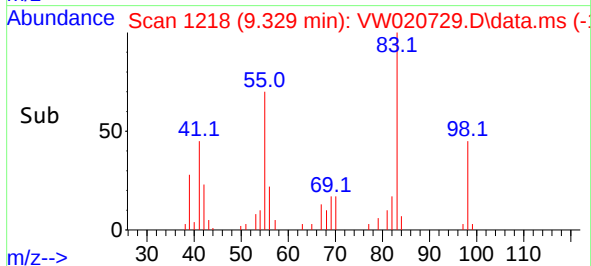
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



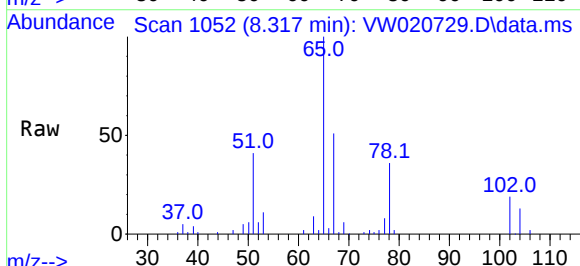
Tgt Ion: 83 Resp: 4417
Ion Ratio Lower Upper
83 100
55 70.4 61.6 92.4
98 45.2 39.0 58.6

Manual Integrations
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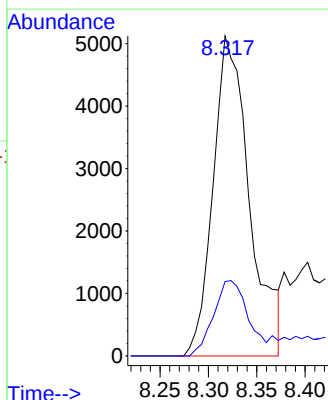
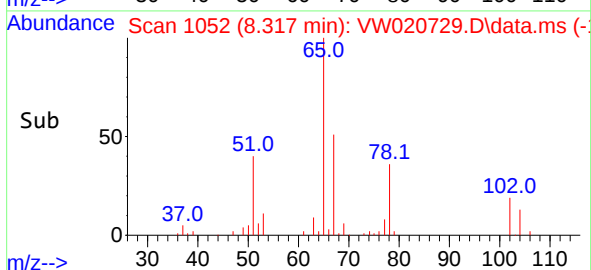
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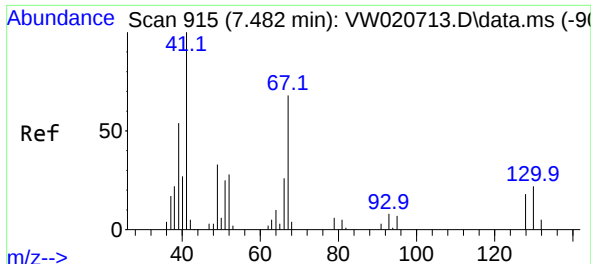


#40
Benzene
Concen: 3.261 ug/l
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

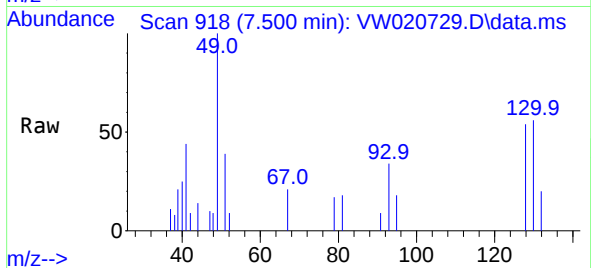


Tgt Ion: 78 Resp: 13397
Ion Ratio Lower Upper
78 100
77 23.2 19.6 29.4



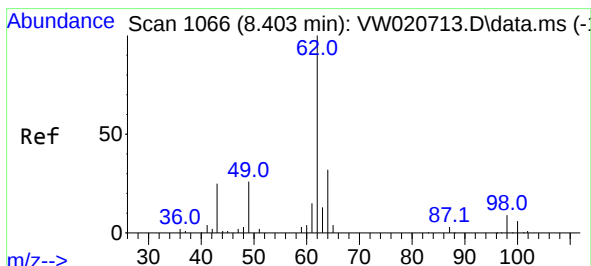
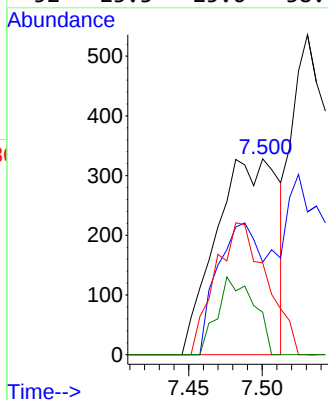
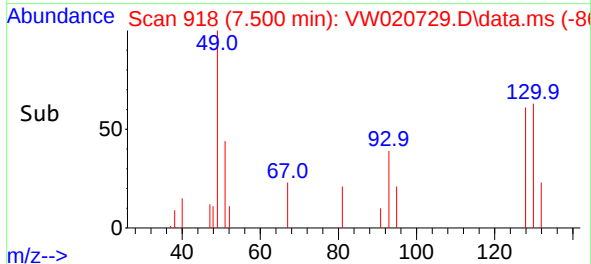


#41
Methacrylonitrile
Concen: 2.705 ug/l m
RT: 7.500 min Scan# 918
Delta R.T. 0.018 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

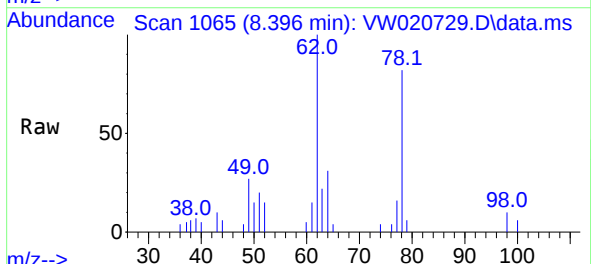


Tgt Ion: 41 Resp: 972

Ion	Ratio	Lower	Upper
41	100		
39	45.8	49.4	74.2#
67	55.1	58.9	88.3#
52	23.3	25.6	38.4#

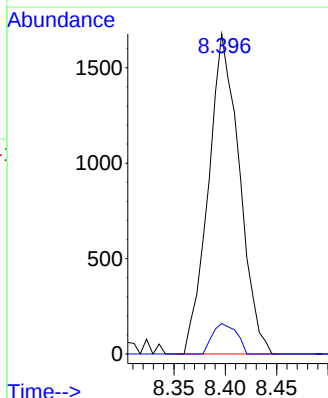
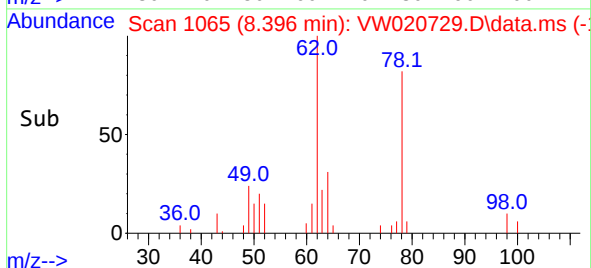


#42
1,2-Dichloroethane
Concen: 2.795 ug/l
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



Tgt Ion: 62 Resp: 3529

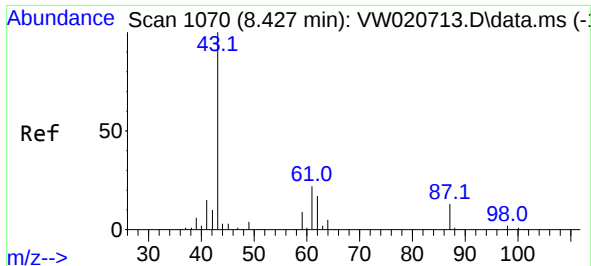
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	17.8



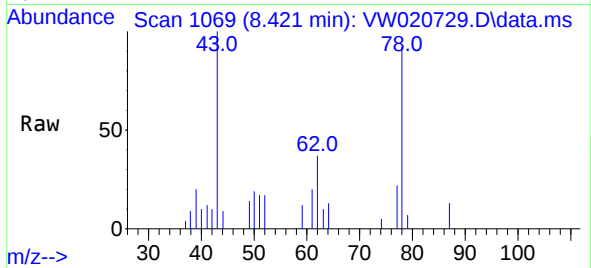
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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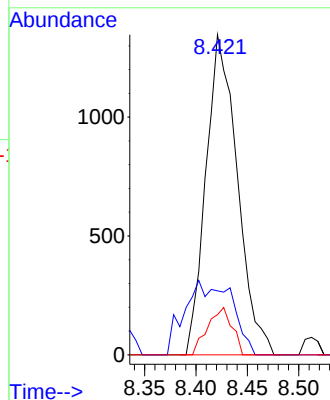
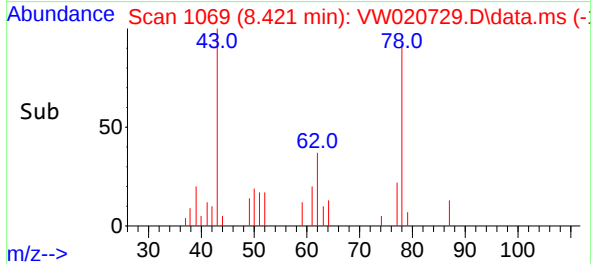
MMDadoda
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#43
Isopropyl Acetate
Concen: 2.449 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



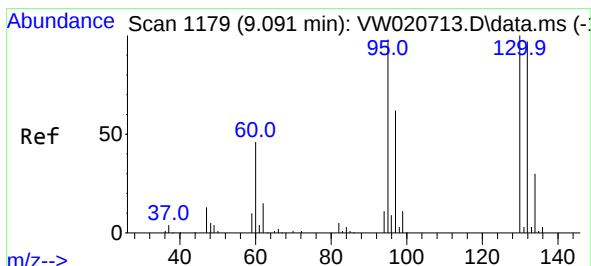
Tgt Ion: 43 Resp: 2865
Ion Ratio Lower Upper
43 100
61 0.0 24.1 36.1#
87 11.4 10.5 15.7



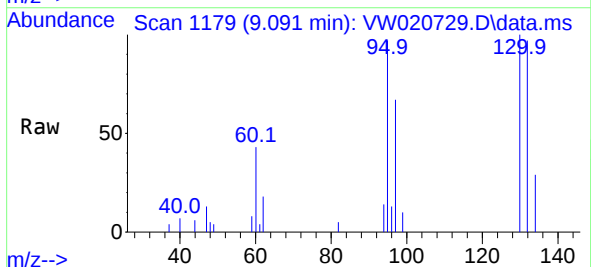
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
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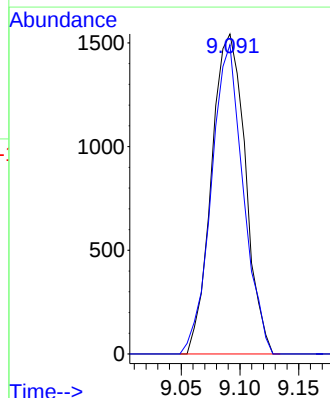
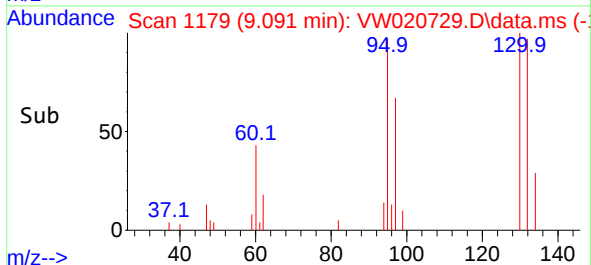
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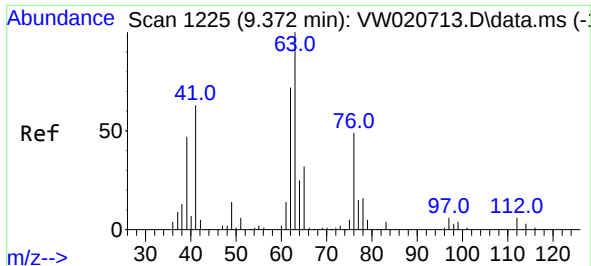


#44
Trichloroethene
Concen: 2.864 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



Tgt Ion:130 Resp: 3091
Ion Ratio Lower Upper
130 100
95 96.6 0.0 196.2





#45

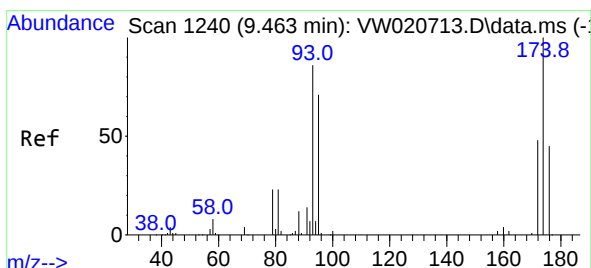
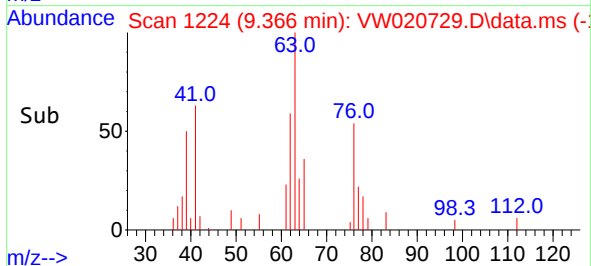
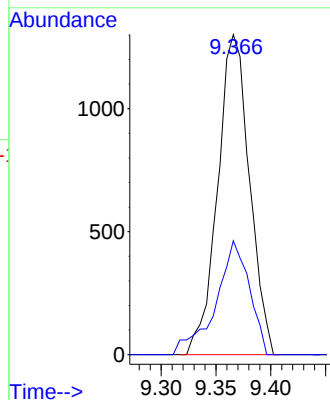
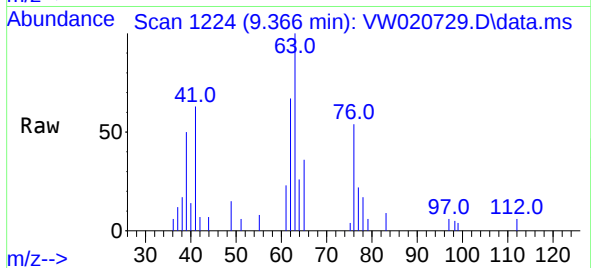
1,2-Dichloropropane
Concen: 2.714 ug/l
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion: 63 Resp: 2630
Ion Ratio Lower Upper
63 100
65 35.6 25.2 37.8

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

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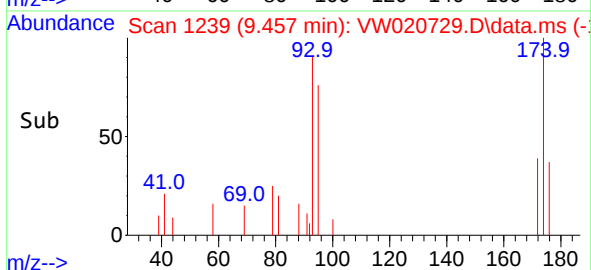
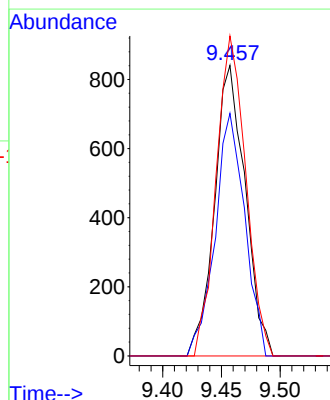
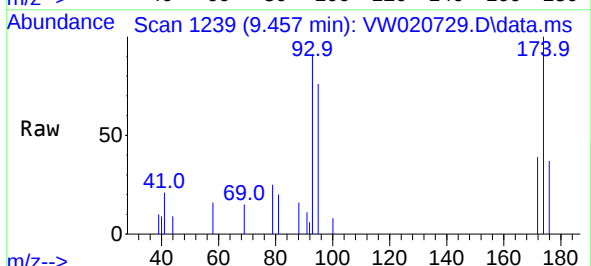
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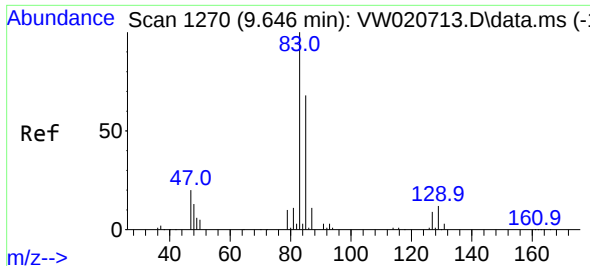


#46

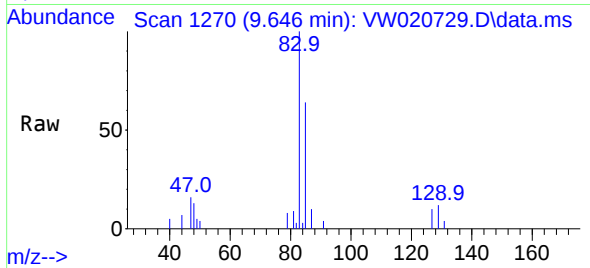
Dibromomethane
Concen: 2.897 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion: 93 Resp: 1525
Ion Ratio Lower Upper
93 100
95 80.7 66.7 100.1
174 106.4 90.4 135.6



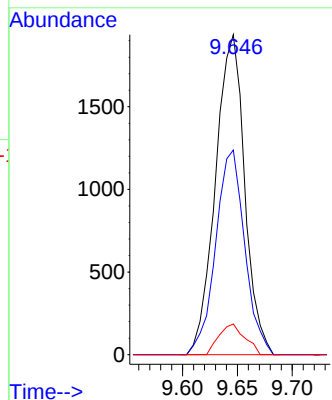


#47
Bromodichloromethane
Concen: 2.682 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



Tgt Ion: 83 Resp: 3584

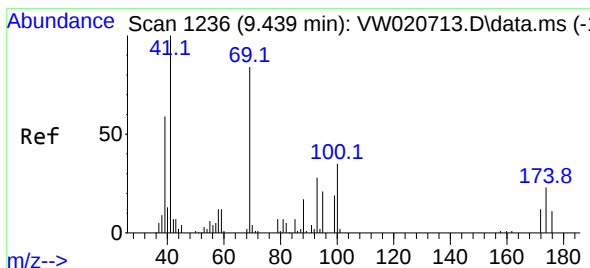
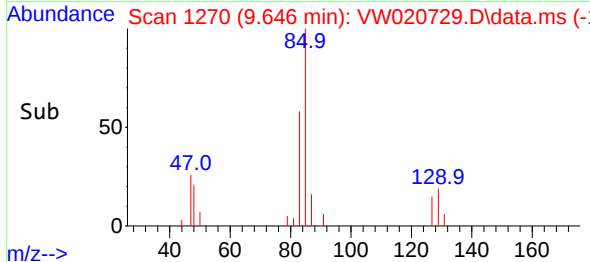
Ion	Ratio	Lower	Upper
83	100		
85	63.9	54.0	81.0
127	9.6	7.0	10.6



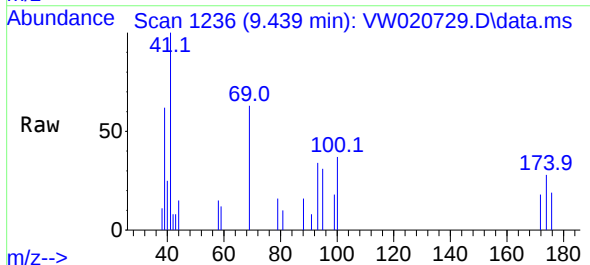
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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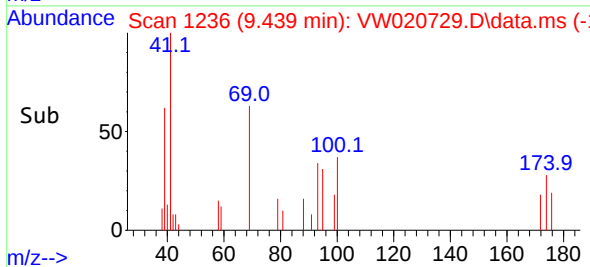
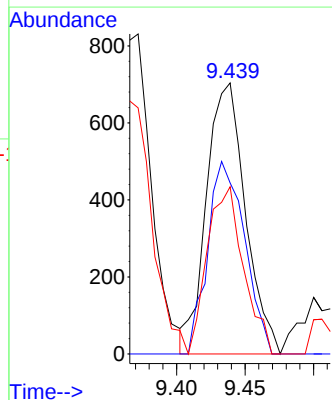


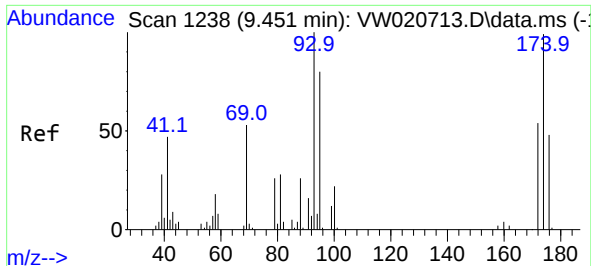
#48
Methyl methacrylate
Concen: 2.433 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



Tgt Ion: 41 Resp: 1394

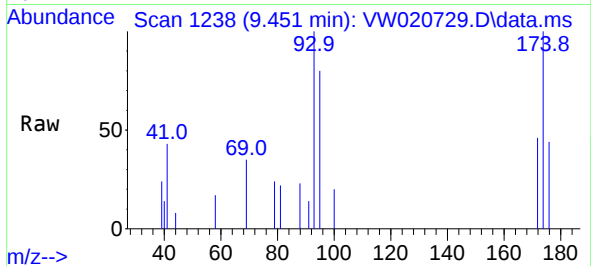
Ion	Ratio	Lower	Upper
41	100		
69	67.5	67.4	101.0
39	57.3	47.2	70.8





#49
1,4-Dioxane
Concen: 42.694 ug/l
RT: 9.451 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

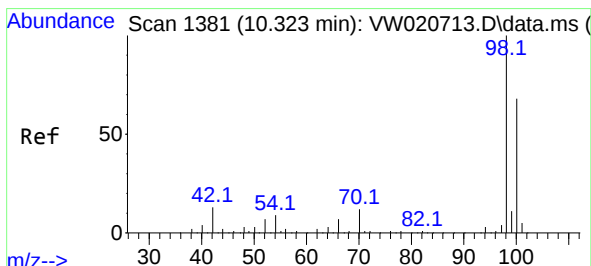
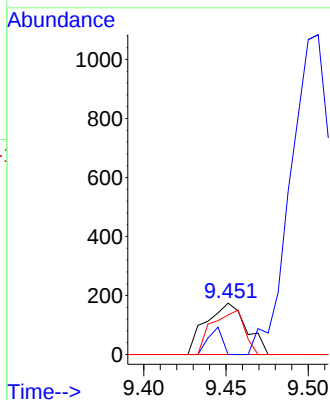
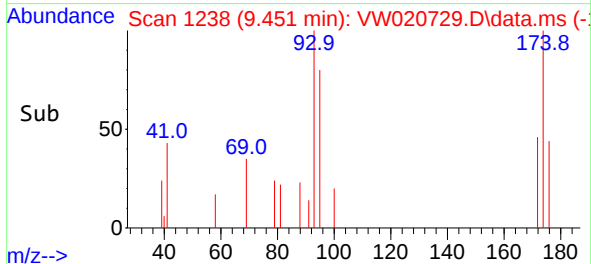
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



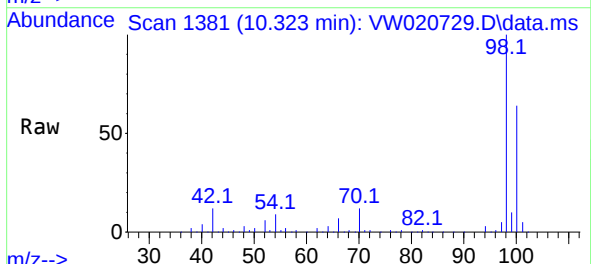
Tgt Ion: 88 Resp: 298
Ion Ratio Lower Upper
88 100
43 0.0 29.1 43.7#
58 68.1 58.6 88.0

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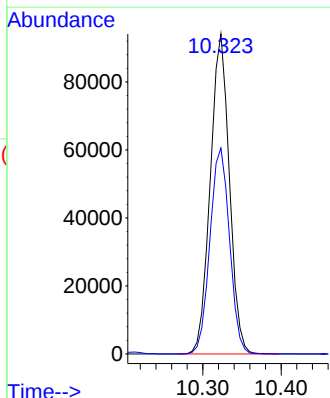
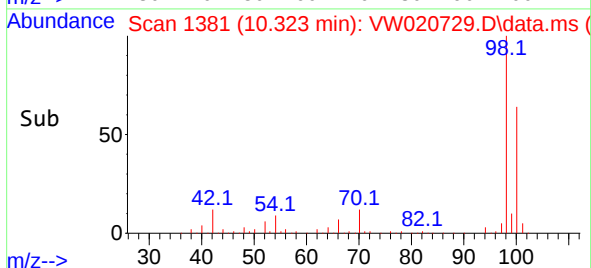
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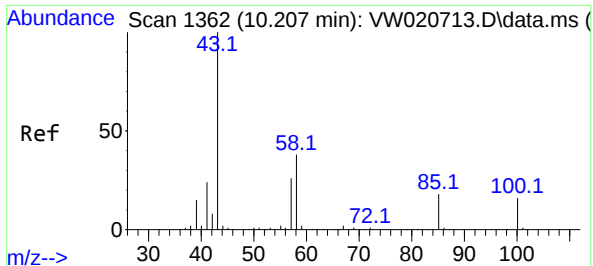


#50
Toluene-d8
Concen: 45.057 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



Tgt Ion: 98 Resp: 159144
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4





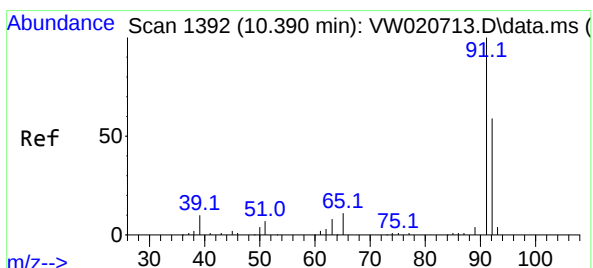
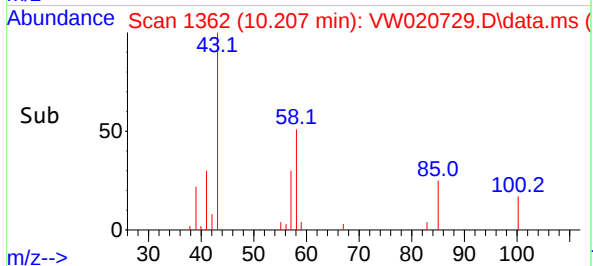
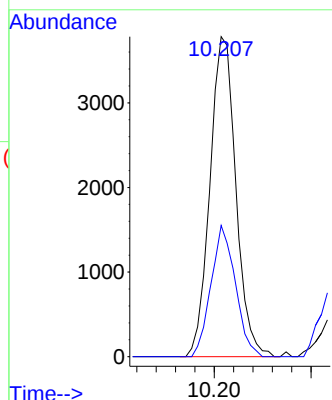
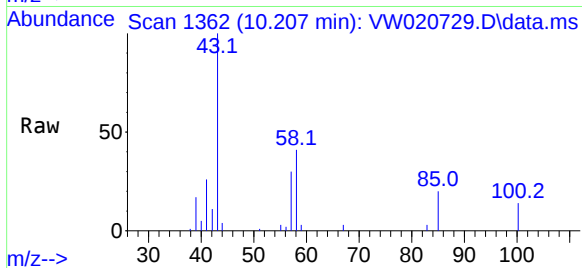
#51
4-Methyl-2-Pentanone
Concen: 11.509 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion: 43 Resp: 7044
Ion Ratio Lower Upper
43 100
58 38.5 31.0 46.4

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

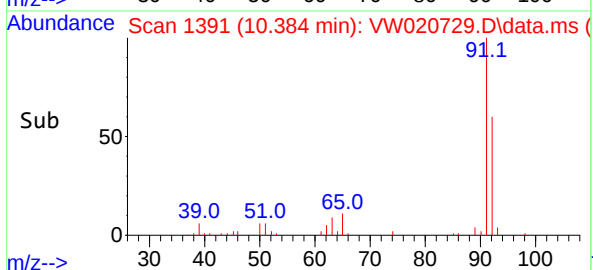
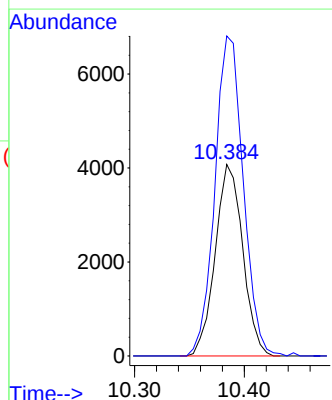
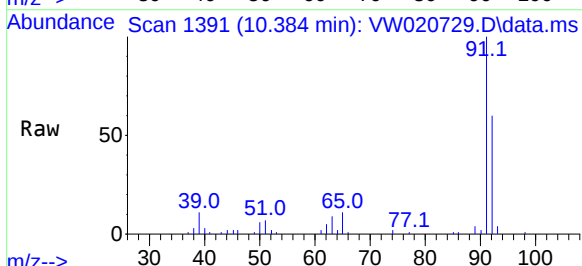
Manual Integrations
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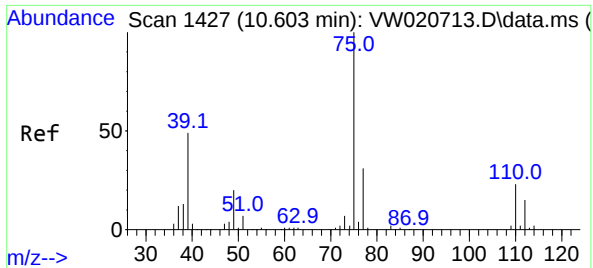
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#52
Toluene
Concen: 2.834 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion: 92 Resp: 7116
Ion Ratio Lower Upper
92 100
91 172.0 135.4 203.2





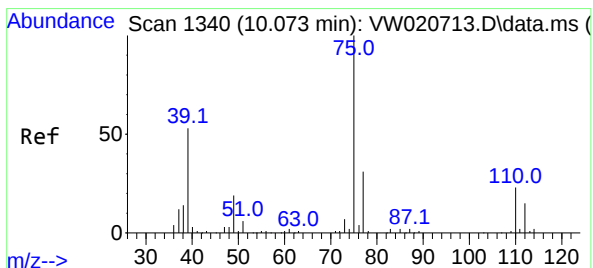
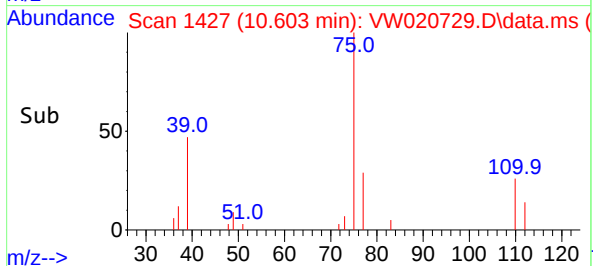
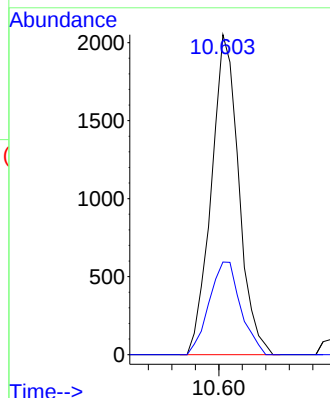
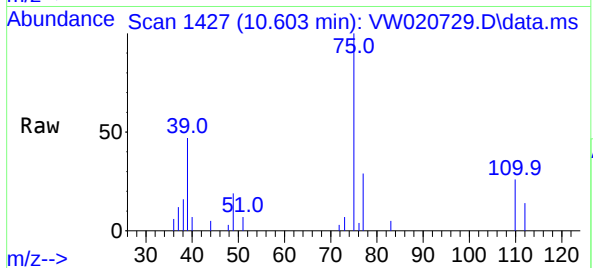
#53
t-1,3-Dichloropropene
Concen: 2.475 ug/l
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion: 75 Resp: 3333
Ion Ratio Lower Upper
75 100
77 28.9 25.0 37.6

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

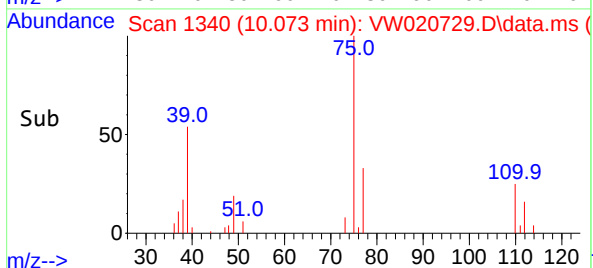
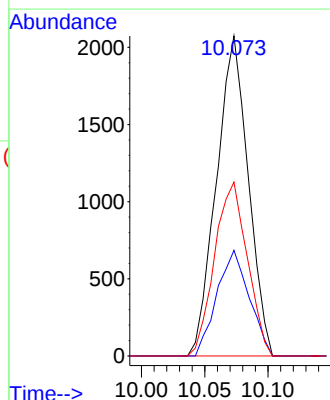
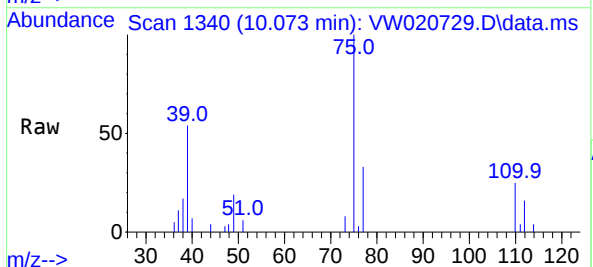
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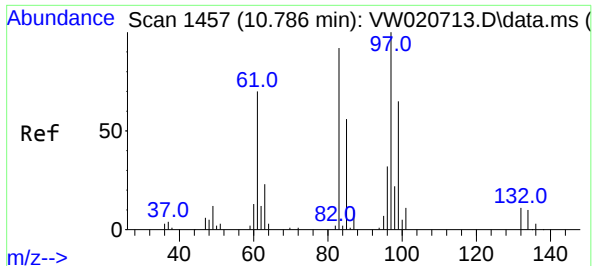
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#54
cis-1,3-Dichloropropene
Concen: 2.339 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion: 75 Resp: 3623
Ion Ratio Lower Upper
75 100
77 33.0 24.9 37.3
39 54.3 42.6 63.8





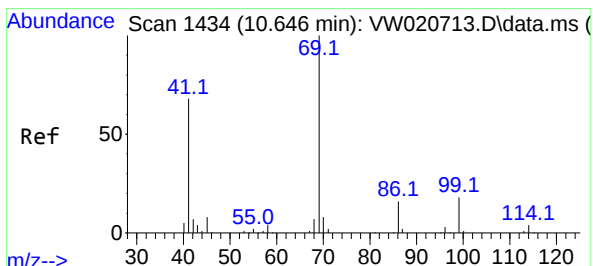
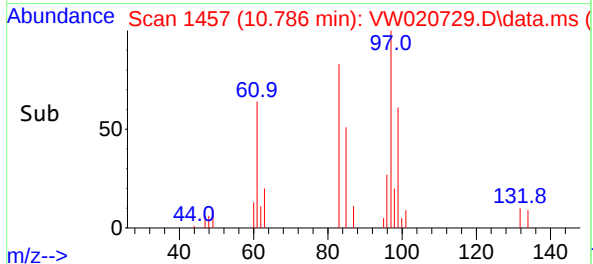
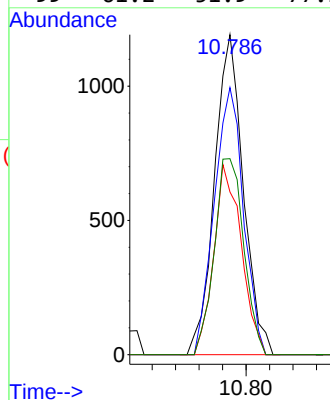
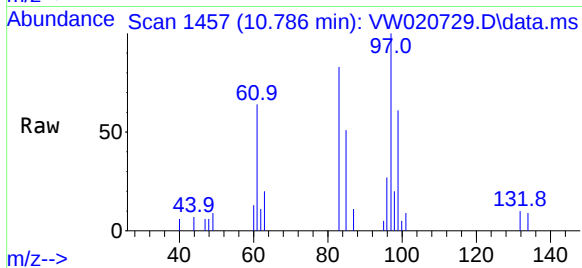
#55
1,1,2-Trichloroethane
Concen: 2.763 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion:	97	Resp:	2029
Ion	Ratio	Lower	Upper
97	100		
83	83.5	73.9	110.9
85	50.8	44.8	67.2
99	61.2	51.9	77.9

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

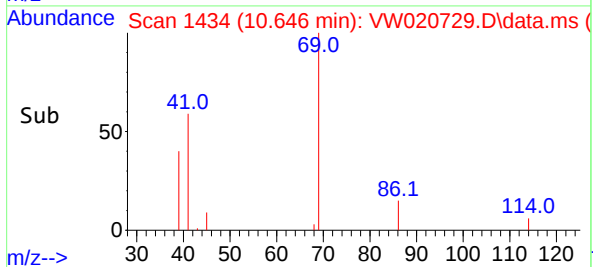
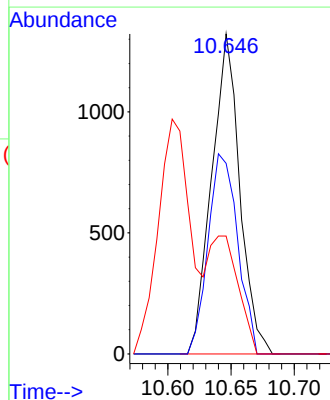
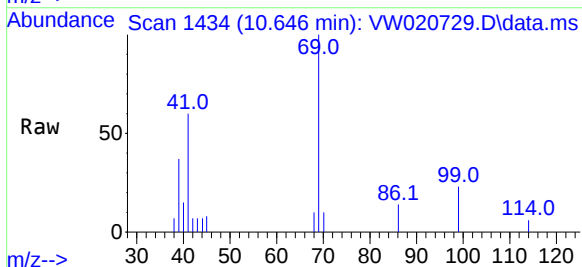
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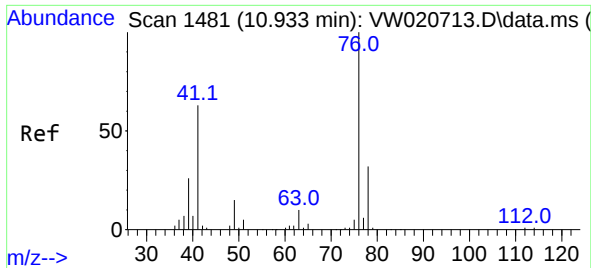
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#56
Ethyl methacrylate
Concen: 2.226 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion:	69	Resp:	2042
Ion	Ratio	Lower	Upper
69	100		
41	65.9	55.5	83.3
39	38.0	29.6	44.4





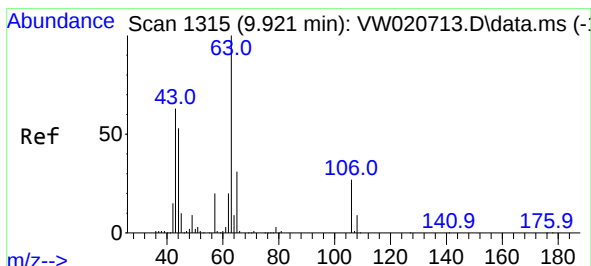
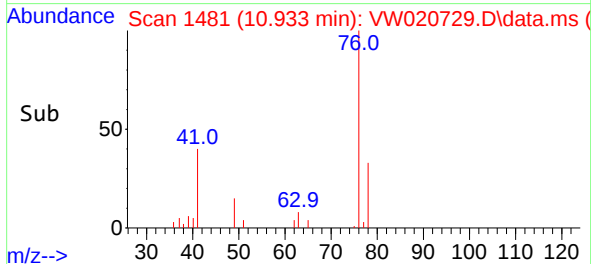
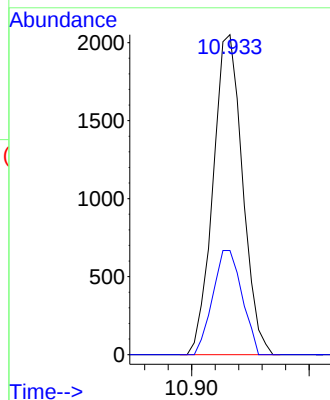
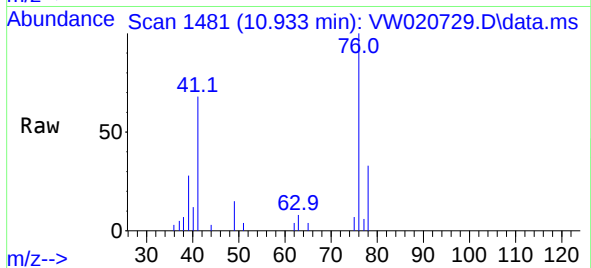
#57
1,3-Dichloropropane
Concen: 2.794 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion: 76 Resp: 3579
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5

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

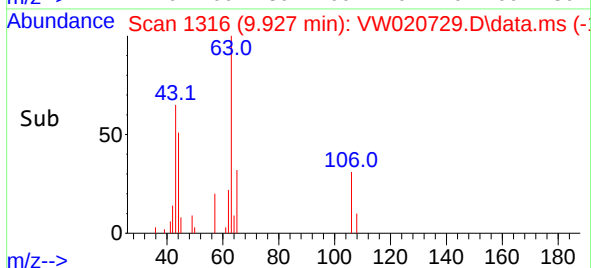
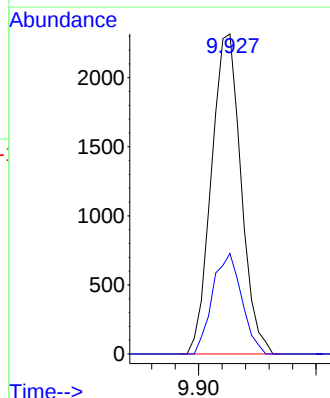
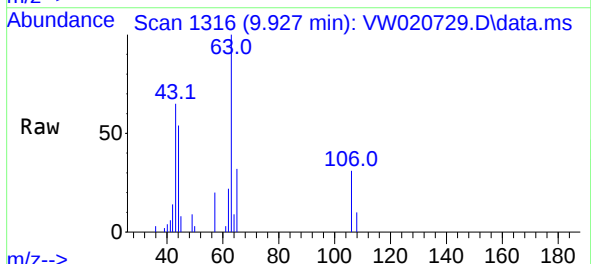
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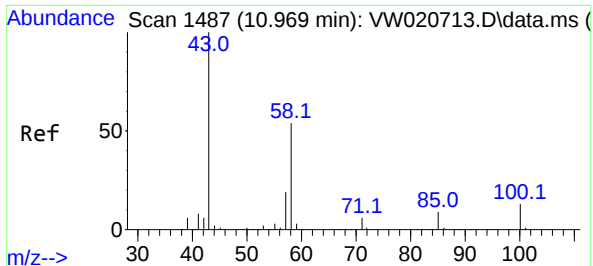
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#58
2-Chloroethyl Vinyl ether
Concen: 9.343 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion: 63 Resp: 4064
Ion Ratio Lower Upper
63 100
106 30.8 23.1 34.7





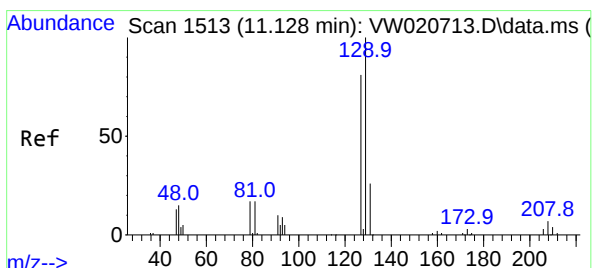
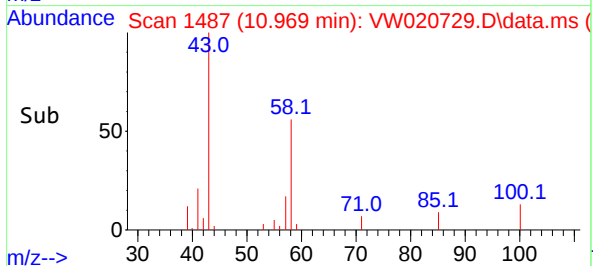
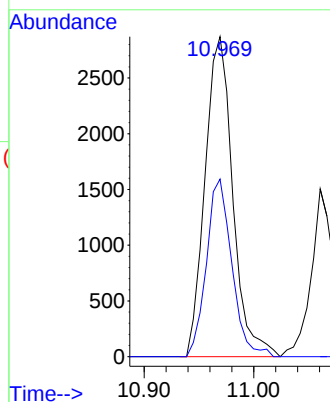
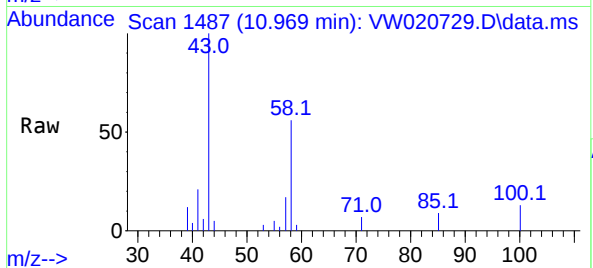
#59
2-Hexanone
Concen: 11.653 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion: 43 Resp: 5044
Ion Ratio Lower Upper
43 100
58 50.9 26.7 80.0

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

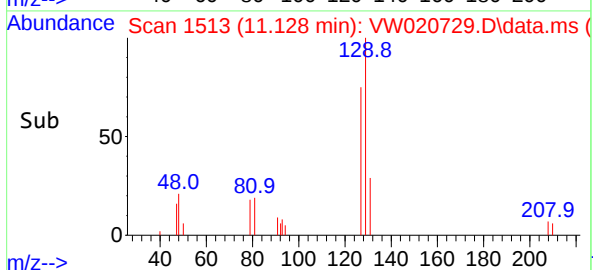
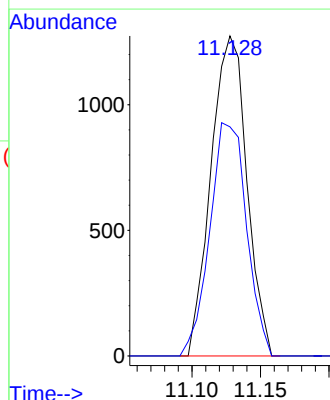
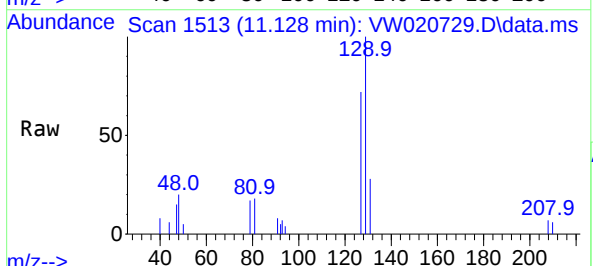
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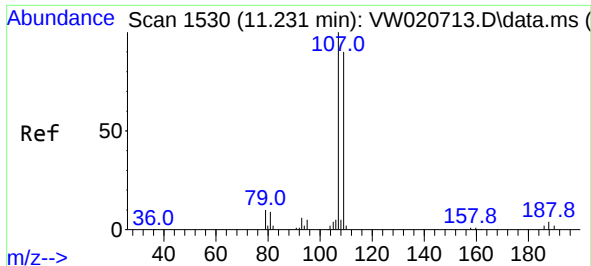
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#60
Dibromochloromethane
Concen: 2.644 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

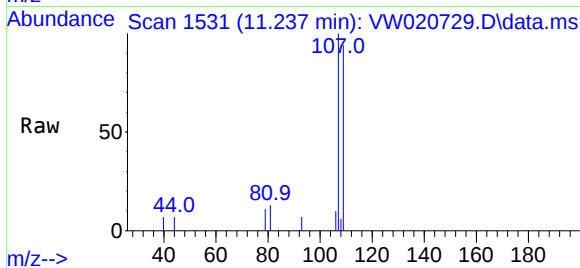
Tgt Ion: 129 Resp: 2321
Ion Ratio Lower Upper
129 100
127 74.5 39.3 117.9





#61
1,2-Dibromoethane
Concen: 2.746 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

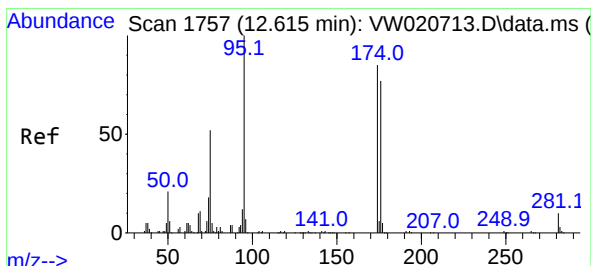
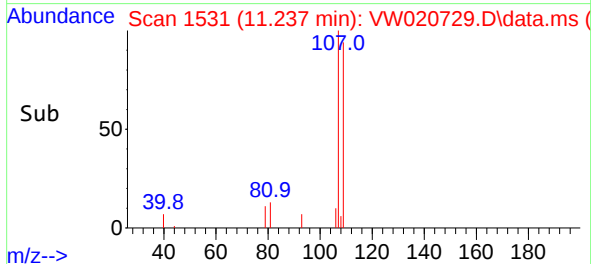
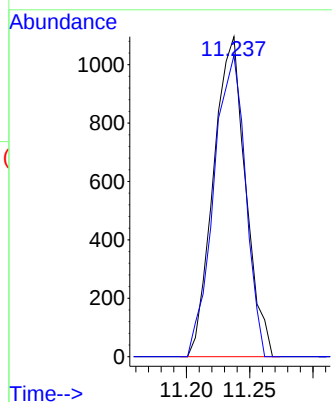
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



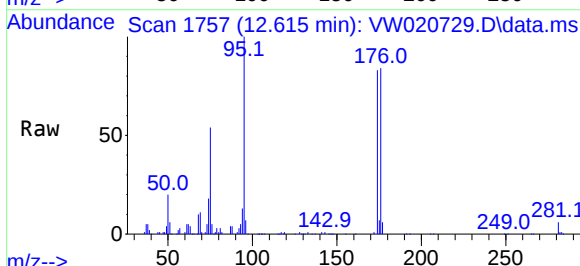
Tgt Ion:107 Resp: 1930
Ion Ratio Lower Upper
107 100
109 93.2 74.9 112.3

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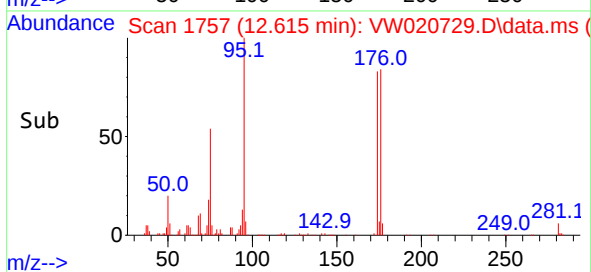
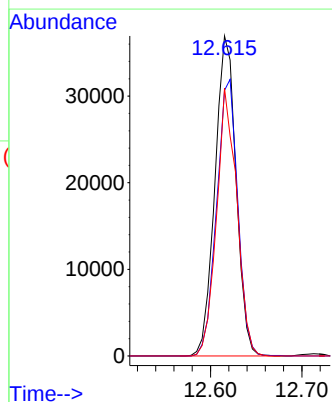
MMDadoda
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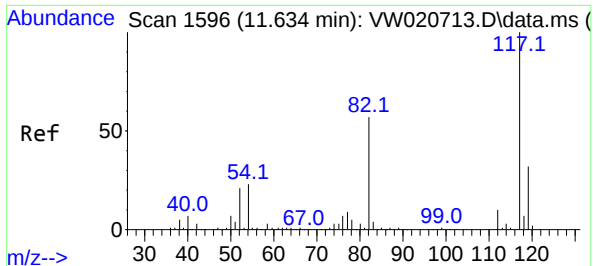


#62
4-Bromofluorobenzene
Concen: 44.519 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



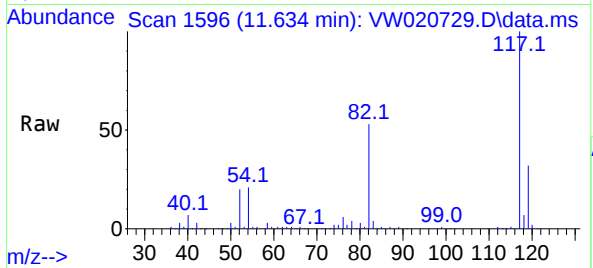
Tgt Ion: 95 Resp: 59323
Ion Ratio Lower Upper
95 100
174 86.5 0.0 171.0
176 80.1 0.0 165.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

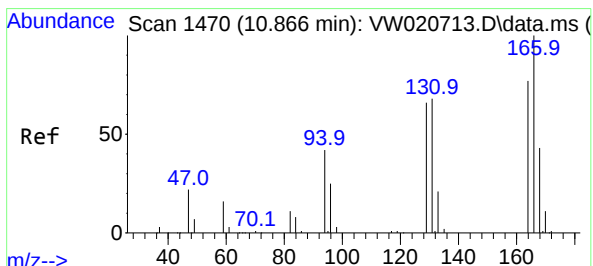
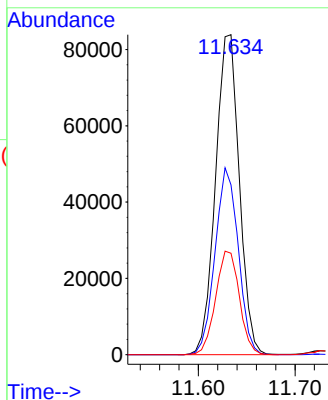
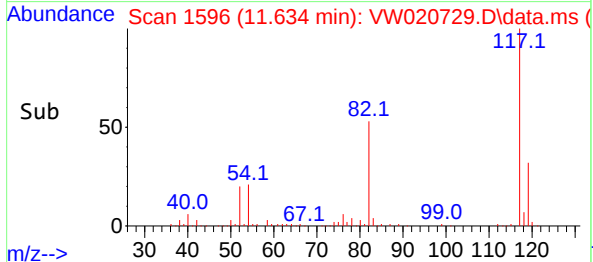
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



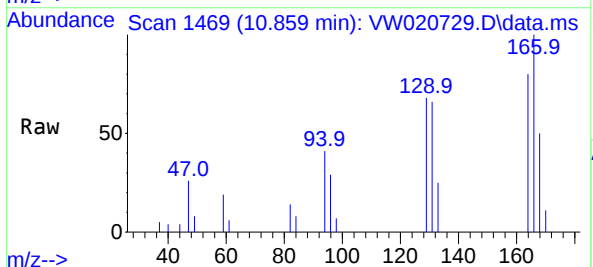
Tgt Ion:117 Resp: 143334
Ion Ratio Lower Upper
117 100
82 53.0 45.7 68.5
119 31.7 25.4 38.2

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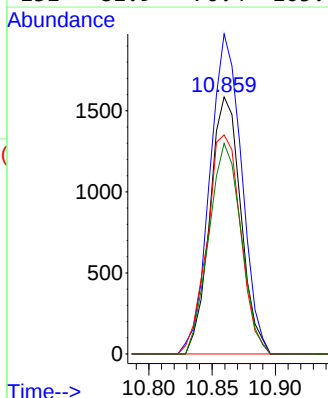
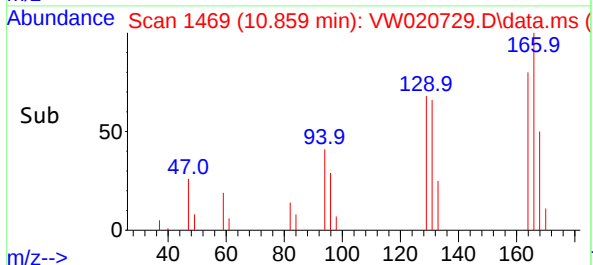
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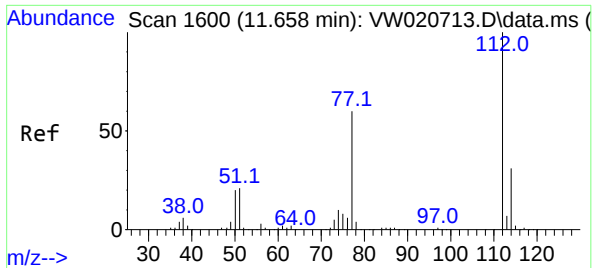


#64
Tetrachloroethene
Concen: 2.951 ug/l
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



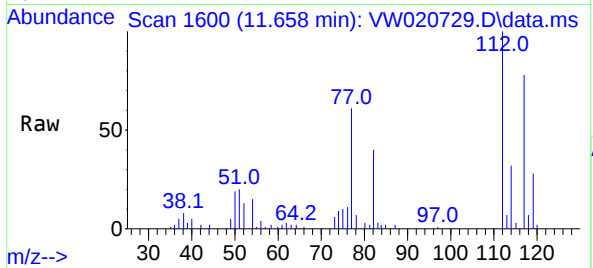
Tgt Ion:164 Resp: 2694
Ion Ratio Lower Upper
164 100
166 124.5 104.1 156.1
129 85.2 68.5 102.7
131 81.9 70.4 105.6





#65
Chlorobenzene
Concen: 2.866 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

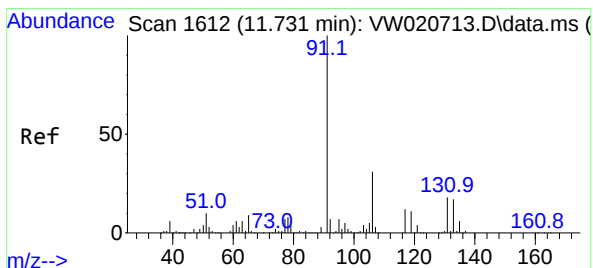
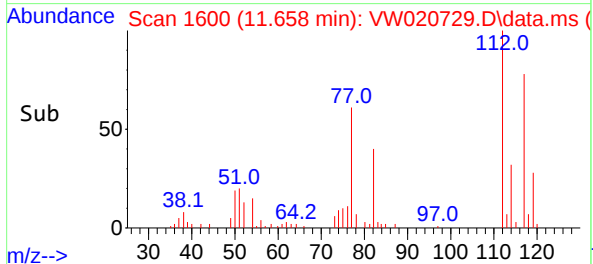
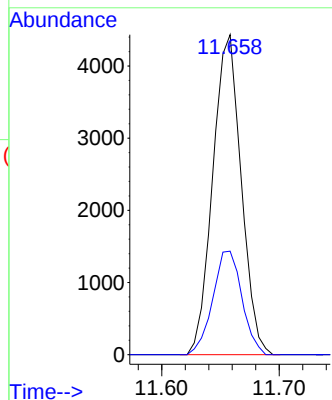
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



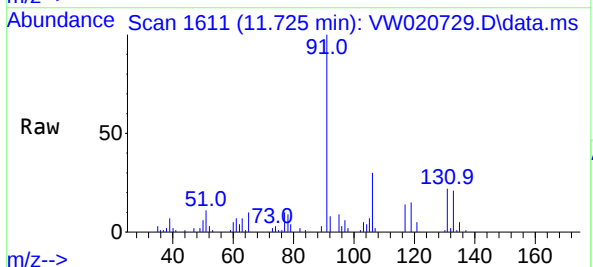
Tgt Ion:112 Resp: 7450
Ion Ratio Lower Upper
112 100
114 32.3 25.2 37.8

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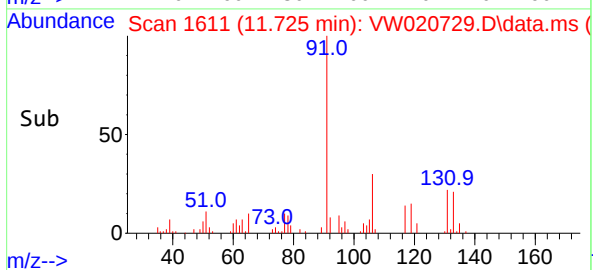
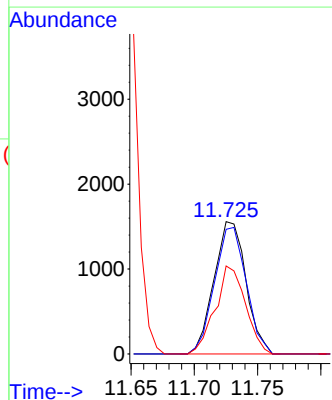
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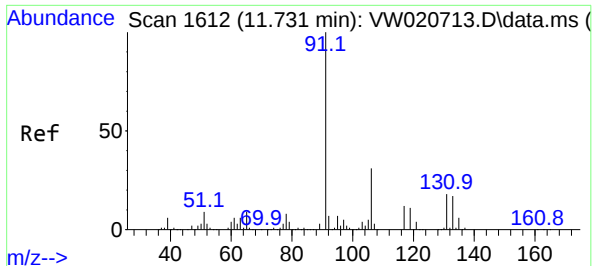


#66
1,1,1,2-Tetrachloroethane
Concen: 2.888 ug/l
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

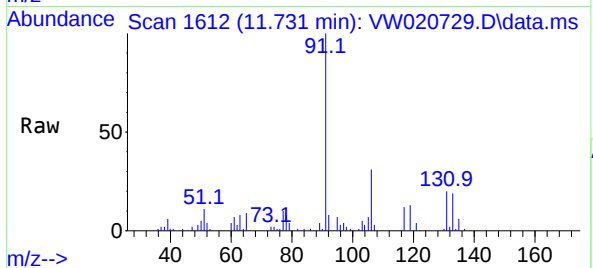


Tgt Ion:131 Resp: 2736
Ion Ratio Lower Upper
131 100
133 95.2 48.3 144.8
119 63.0 31.7 95.1

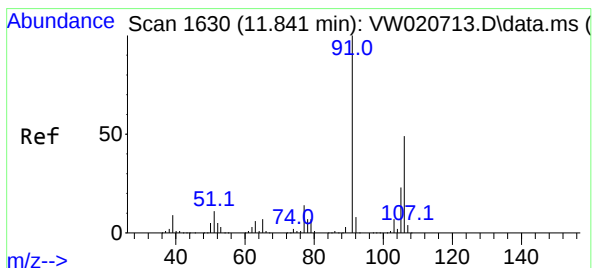
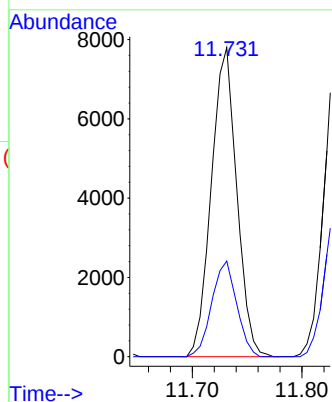
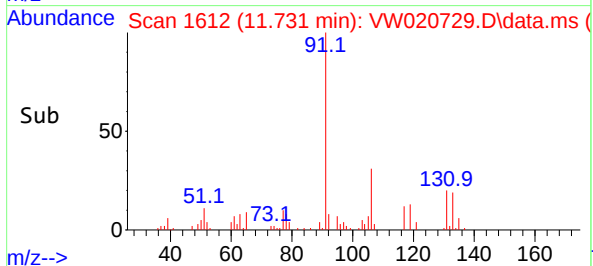




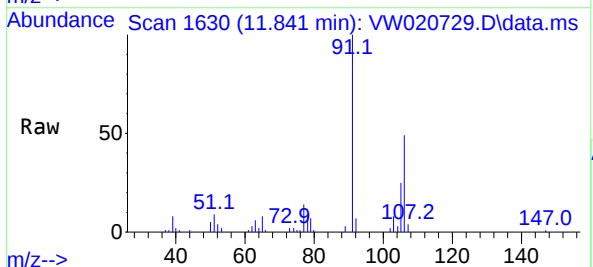
#67
Ethyl Benzene
Concen: 2.673 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



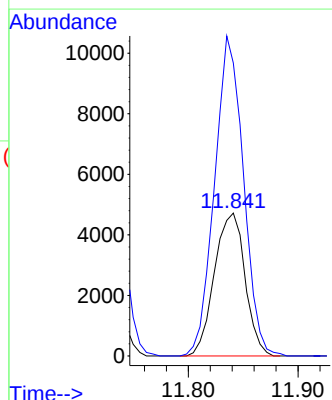
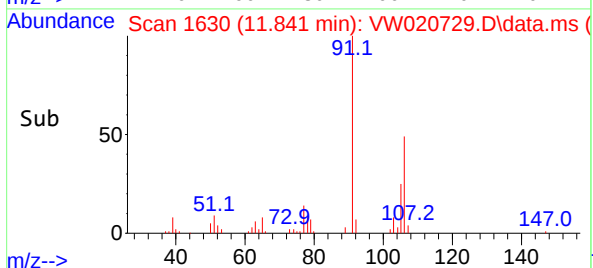
Tgt Ion: 91 Resp: 12586
Ion Ratio Lower Upper
91 100
106 30.9 24.5 36.7



#68
m/p-Xylenes
Concen: 5.023 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



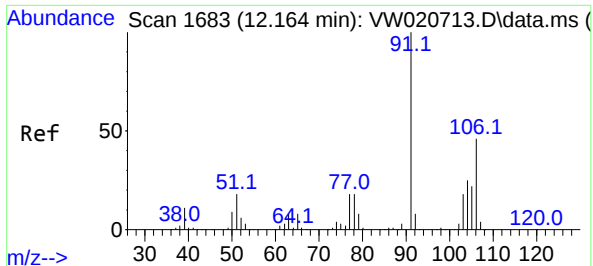
Tgt Ion: 106 Resp: 9162
Ion Ratio Lower Upper
106 100
91 211.4 163.8 245.8



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

Manual Integrations
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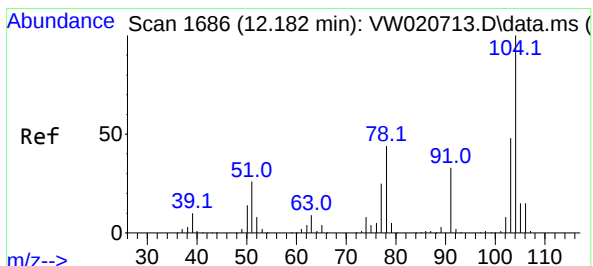
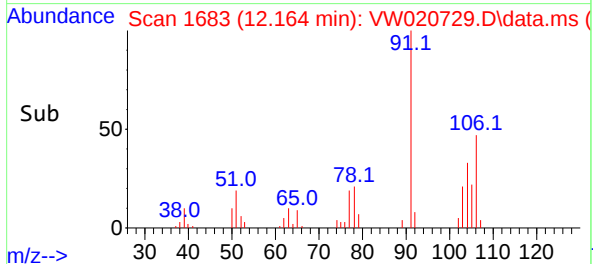
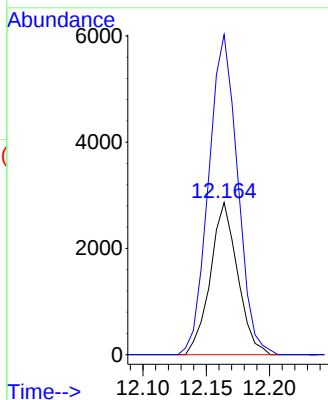
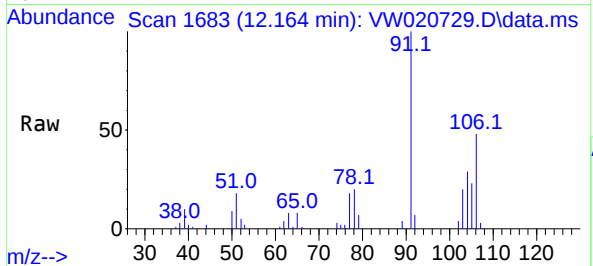
#69
o-Xylene
Concen: 2.557 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

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

Tgt Ion:106 Resp: 4293
Ion Ratio Lower Upper
106 100
91 223.9 109.3 327.9

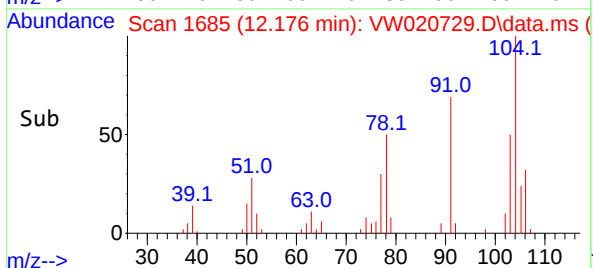
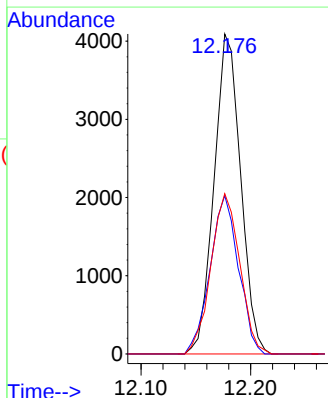
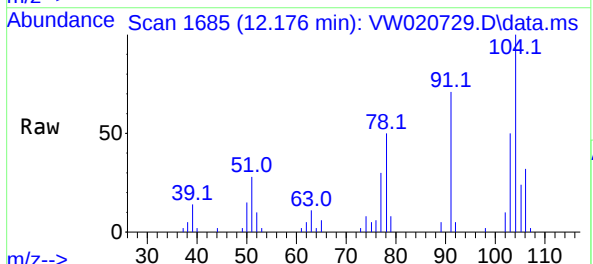
Manual Integrations
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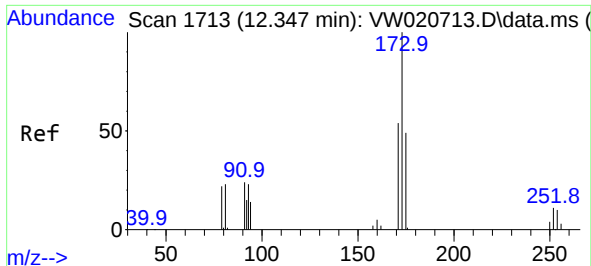
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#70
Styrene
Concen: 2.400 ug/l
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion:104 Resp: 6906
Ion Ratio Lower Upper
104 100
78 52.9 41.5 62.3
103 54.4 43.4 65.2





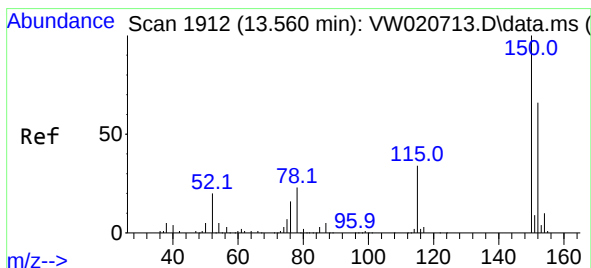
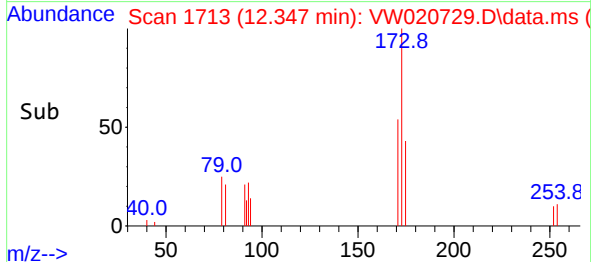
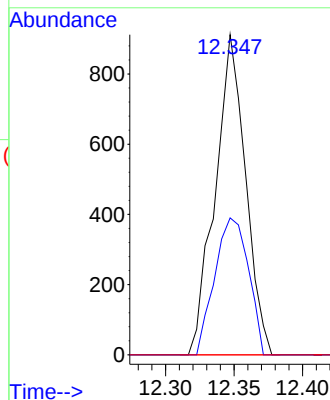
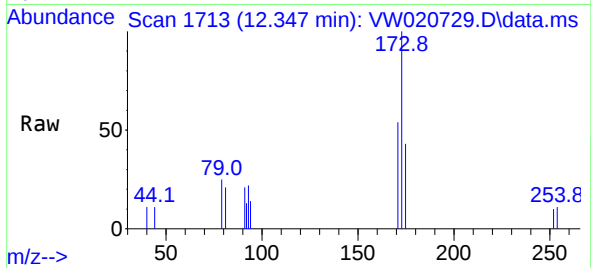
#71
Bromoform
Concen: 2.717 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion:	173	Resp:	1407
Ion Ratio	Lower	Upper	
173	100		
175	47.4	24.3	73.0
254	0.0	0.0	0.0

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

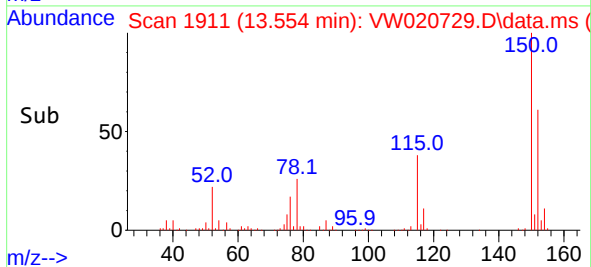
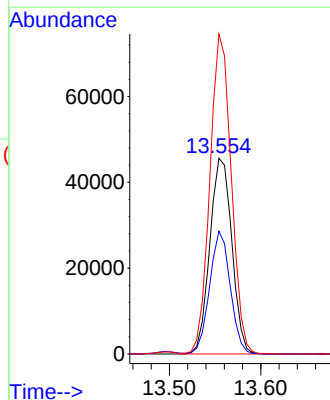
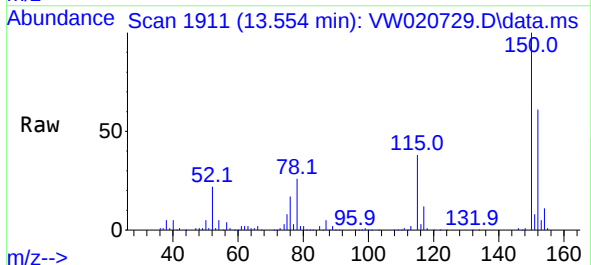
Manual Integrations
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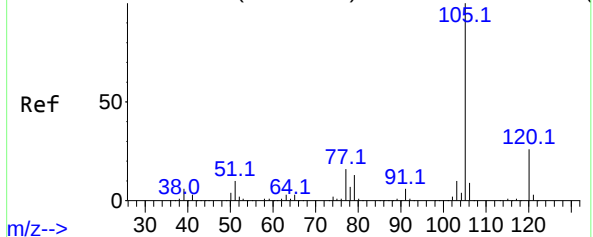


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion:	152	Resp:	76618
Ion Ratio	Lower	Upper	
152	100		
115	58.7	28.7	86.3
150	158.4	0.0	342.2



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



#73
Isopropylbenzene
Concen: 2.463 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

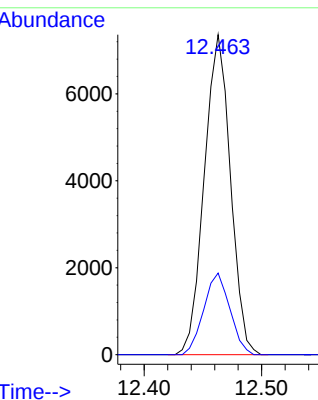
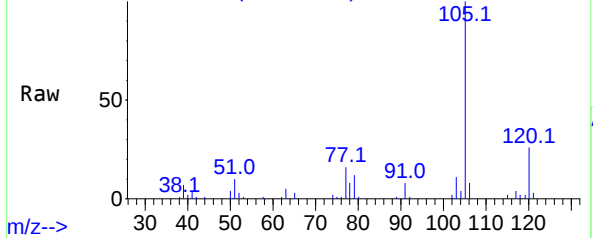
Tgt Ion: 105 Resp: 11394
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.3

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

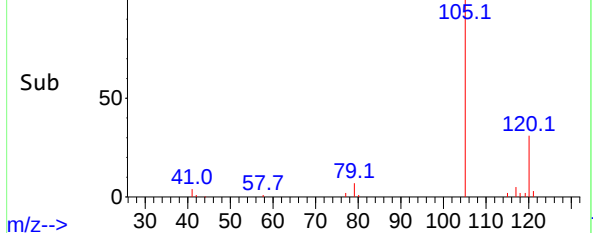
Manual Integrations
APPROVED

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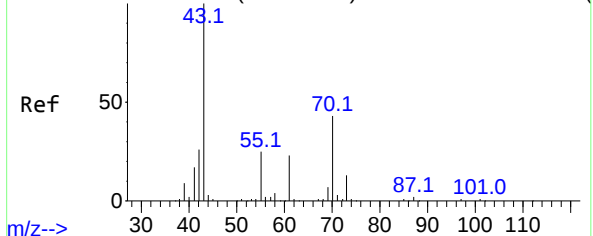
Abundance Scan 1732 (12.463 min): VW020729.D\data.ms



Abundance Scan 1732 (12.463 min): VW020729.D\data.ms (



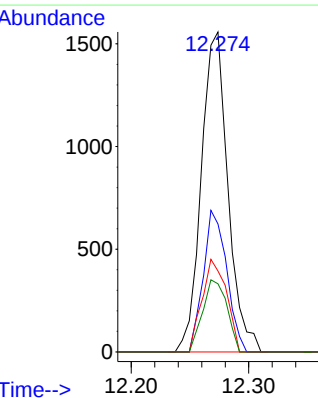
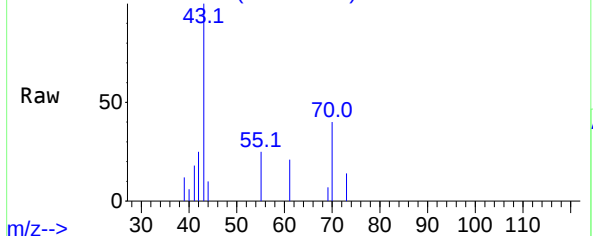
Abundance Scan 1701 (12.274 min): VW020713.D\data.ms (



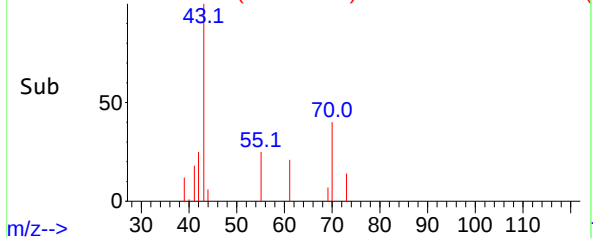
#74
N-ethyl acetate
Concen: 2.320 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

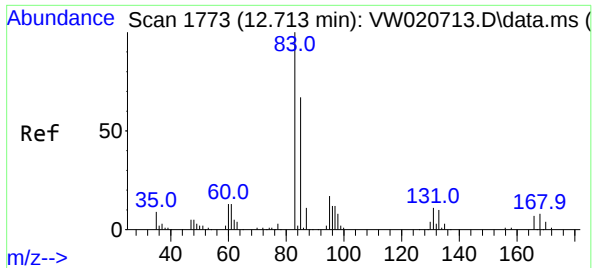
Tgt Ion: 43 Resp: 2458
Ion Ratio Lower Upper
43 100
70 38.7 34.3 51.5
55 26.4 20.0 30.0
61 20.4 18.7 28.1

Abundance Scan 1701 (12.274 min): VW020729.D\data.ms



Abundance Scan 1701 (12.274 min): VW020729.D\data.ms (





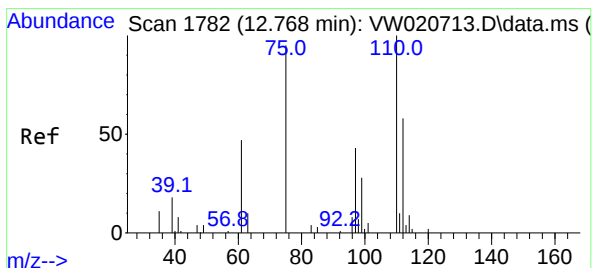
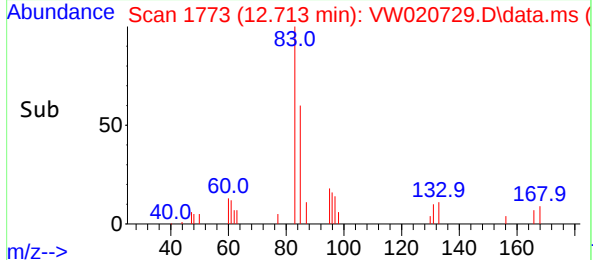
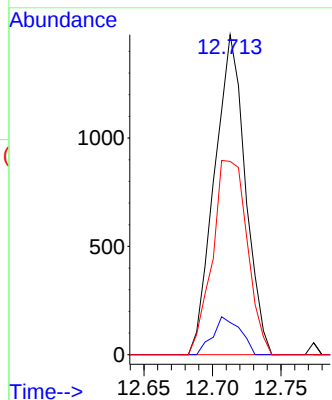
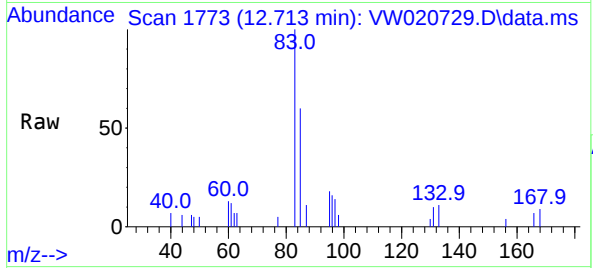
#75
1,1,2,2-Tetrachloroethane
Concen: 2.838 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion: 83	Resp:	2315	
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.7	17.1
85	68.4	32.5	97.5

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

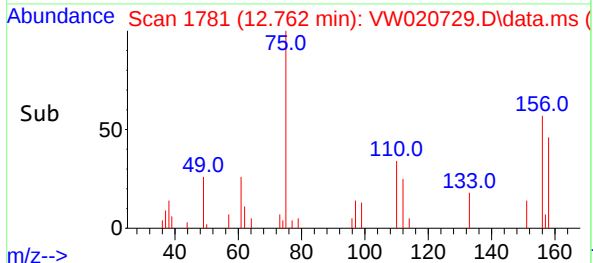
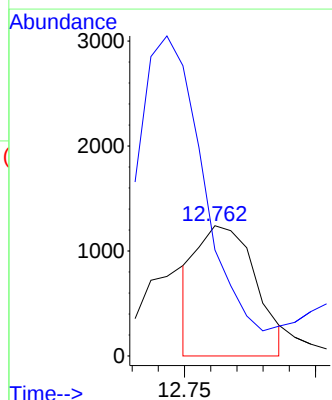
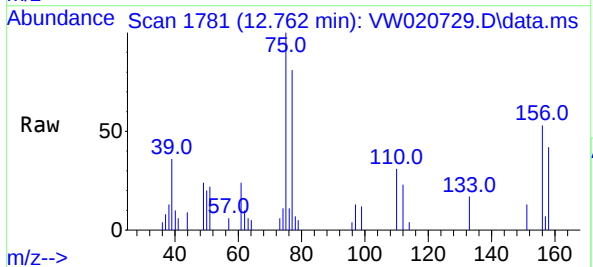
Manual Integrations
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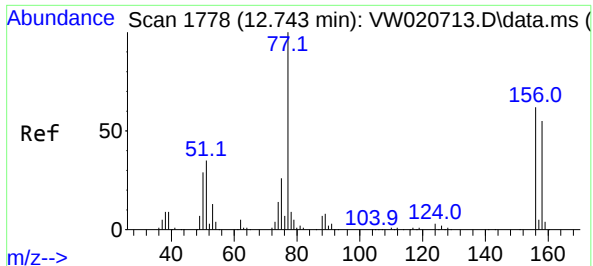
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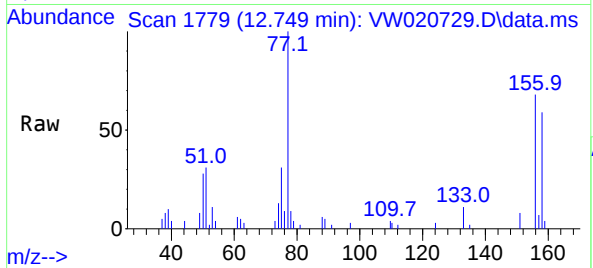
#76
1,2,3-Trichloropropane
Concen: 2.951 ug/l m
RT: 12.762 min Scan# 1781
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion: 75	Resp:	1938	
Ion	Ratio	Lower	Upper
75	100		
77	297.5	0.0	0.0#

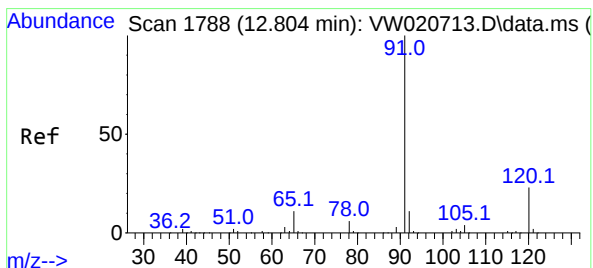
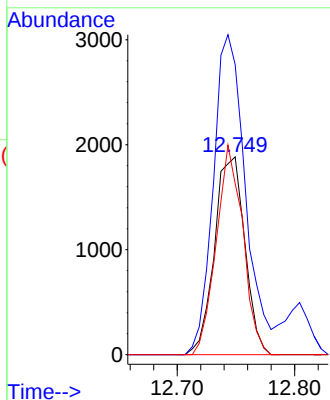
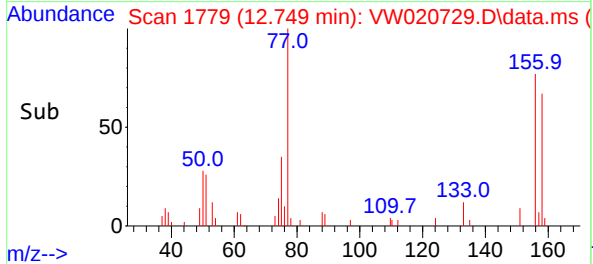




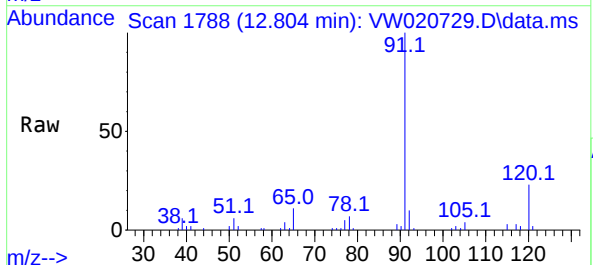
#77
Bromobenzene
Concen: 3.018 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



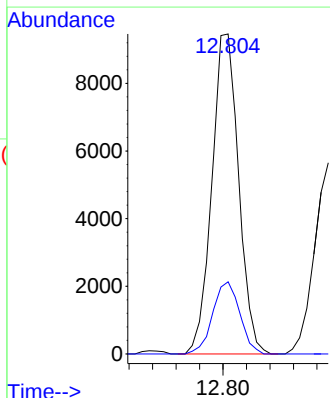
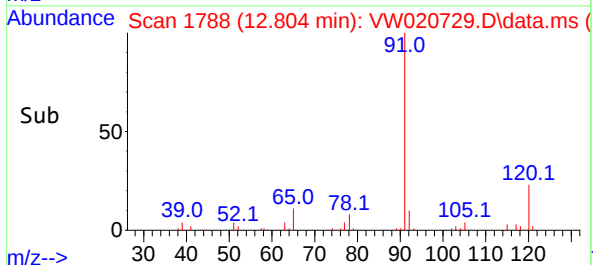
Tgt Ion: 156 Resp: 3379
Ion Ratio Lower Upper
156 100
77 170.6 91.0 273.0
158 93.0 46.7 140.1



#78
n-propylbenzene
Concen: 2.628 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



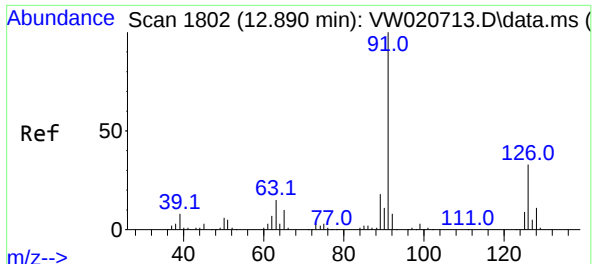
Tgt Ion: 91 Resp: 14981
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.9



Instrument :
MSVOA_W
ClientSampleId :
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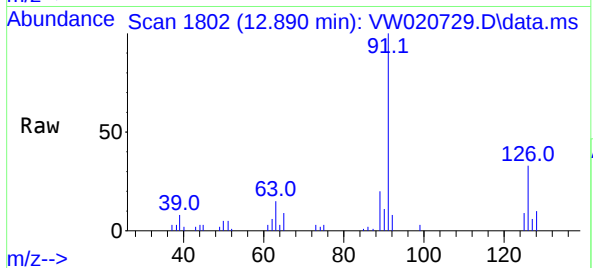
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#79
2-Chlorotoluene
Concen: 2.726 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

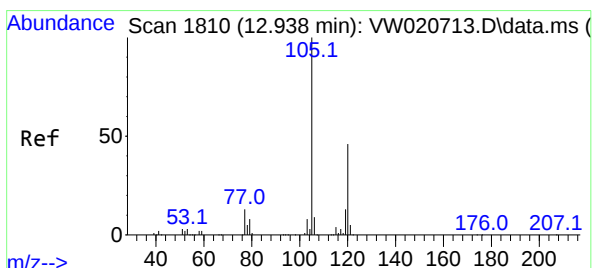
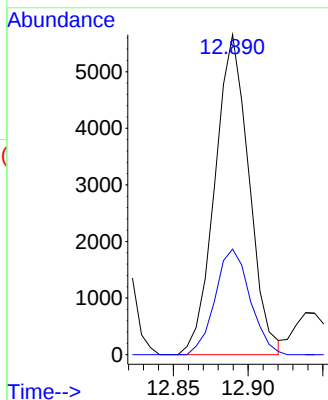
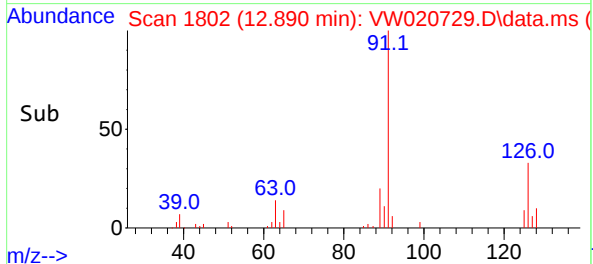
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



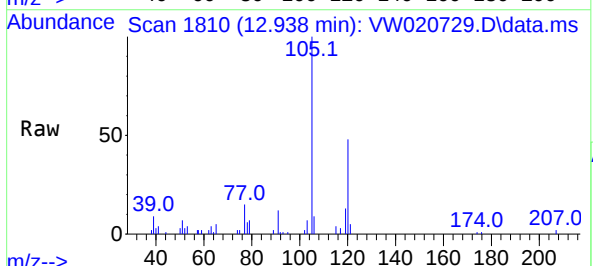
Tgt Ion: 91 Resp: 8950
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.1

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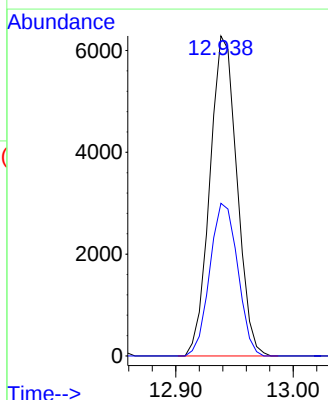
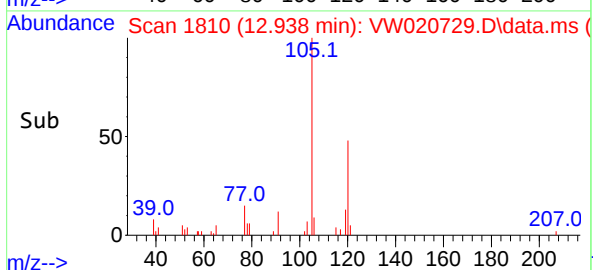
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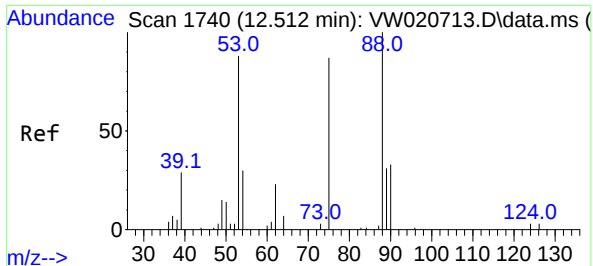


#80
1,3,5-Trimethylbenzene
Concen: 2.501 ug/l
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



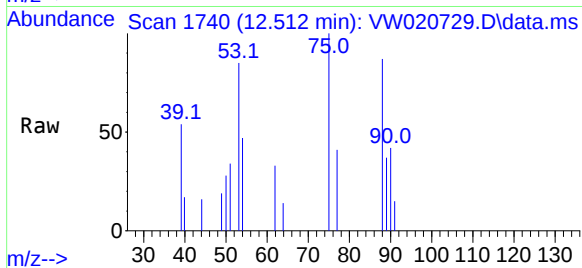
Tgt Ion: 105 Resp: 10067
Ion Ratio Lower Upper
105 100
120 49.1 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 2.358 ug/l m
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

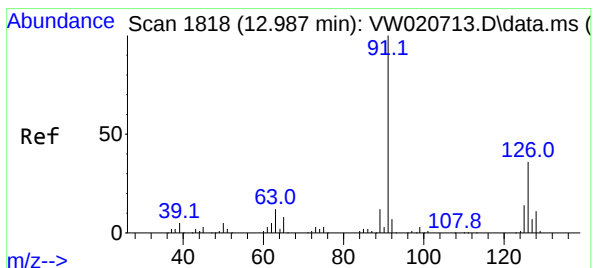
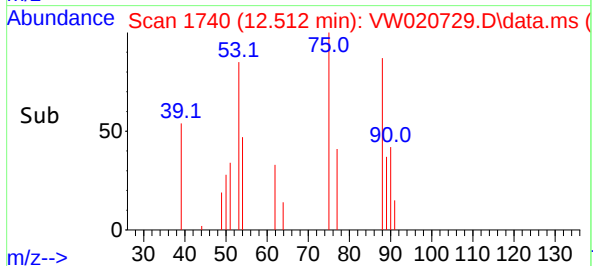
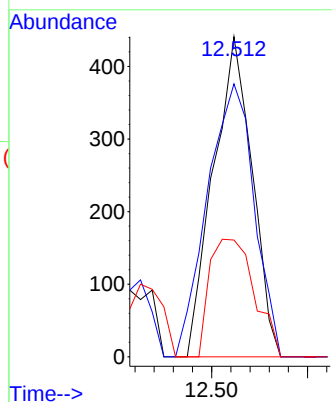
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



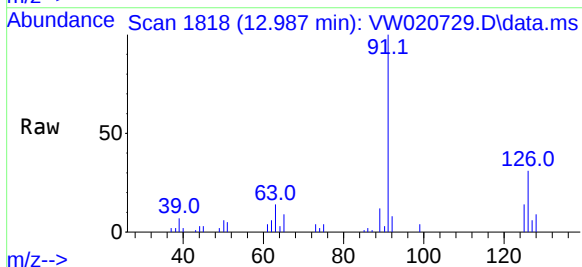
Tgt Ion: 75 Resp: 620
Ion Ratio Lower Upper
75 100
53 0.0 83.1 124.7#
89 3.7 35.1 52.7#

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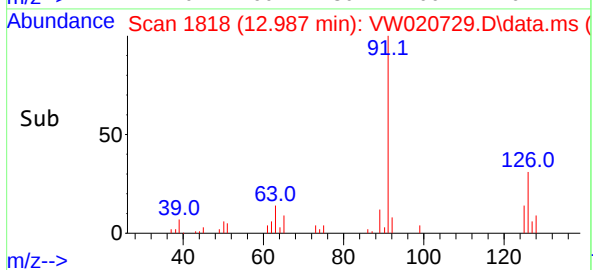
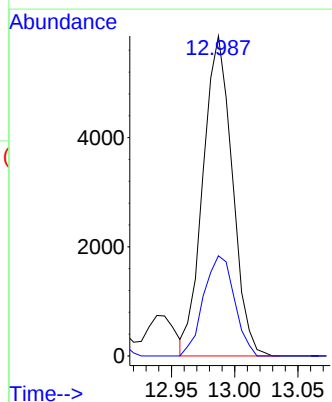
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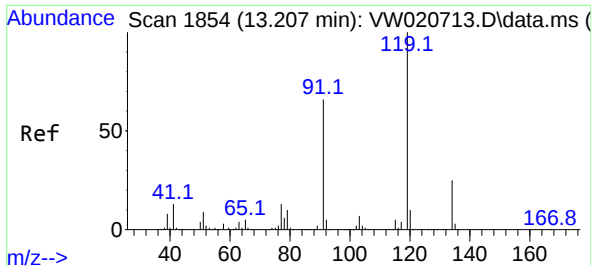


#82
4-Chlorotoluene
Concen: 2.713 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

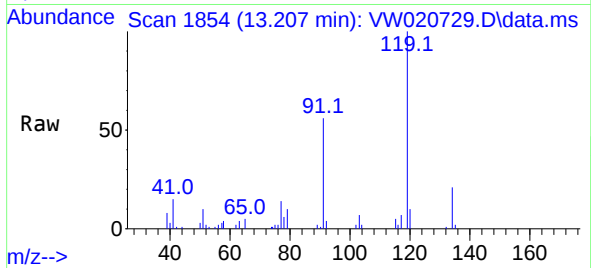


Tgt Ion: 91 Resp: 9454
Ion Ratio Lower Upper
91 100
126 32.8 17.0 51.0

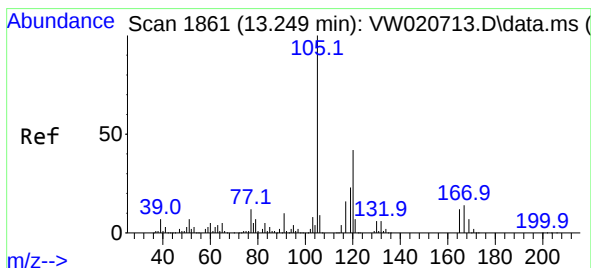
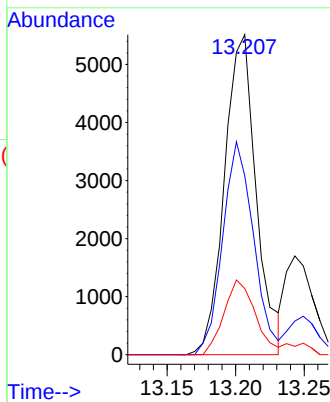
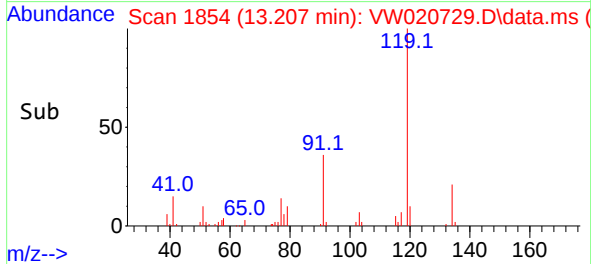




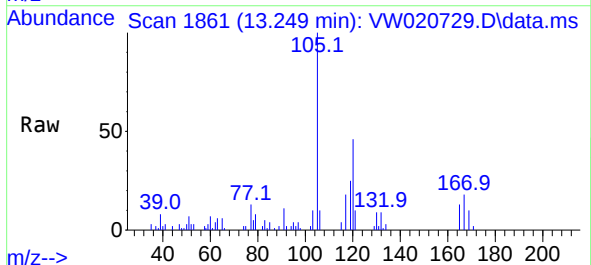
#83
tert-Butylbenzene
Concen: 2.597 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



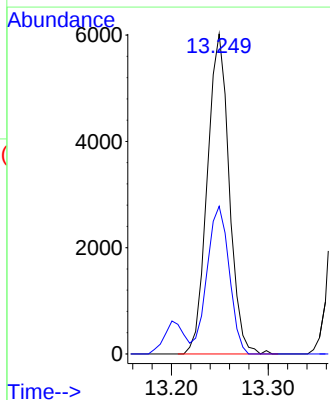
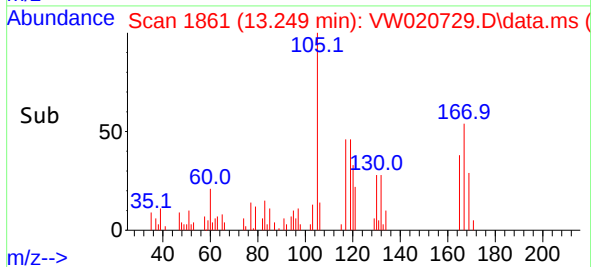
Tgt Ion:119 Resp: 8888
Ion Ratio Lower Upper
119 100
91 64.7 33.6 100.6
134 23.0 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 2.359 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



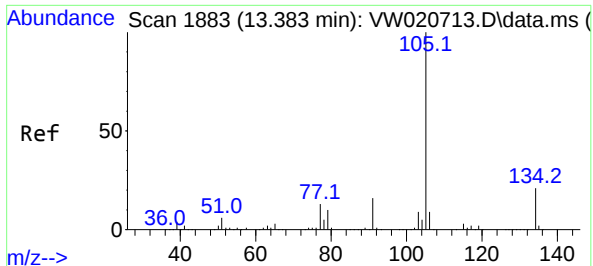
Tgt Ion:105 Resp: 9455
Ion Ratio Lower Upper
105 100
120 46.8 22.3 66.8



Instrument :
MSVOA_W
ClientSampleId :
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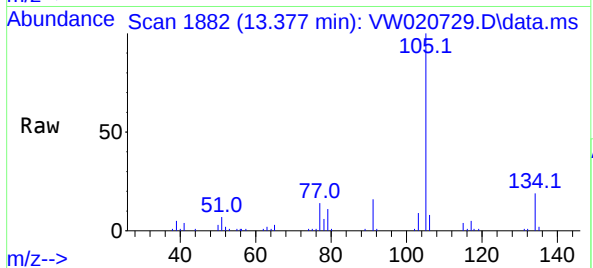
Manual Integrations
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#85
sec-Butylbenzene
Concen: 2.565 ug/l
RT: 13.377 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

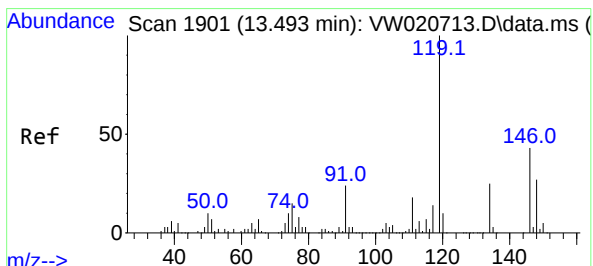
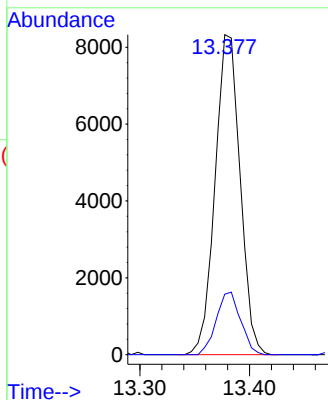
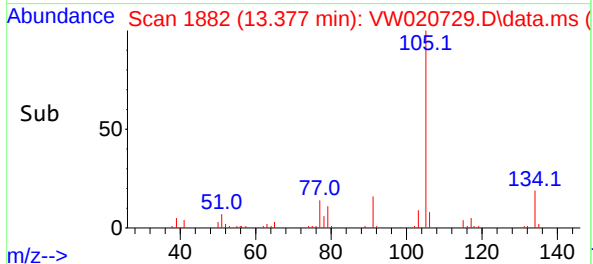
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



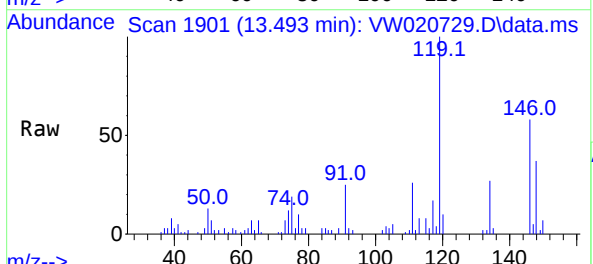
Tgt Ion:105 Resp: 13205
Ion Ratio Lower Upper
105 100
134 19.0 10.3 30.8

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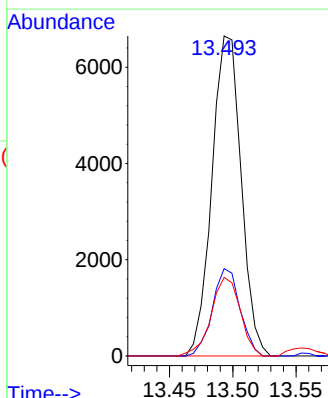
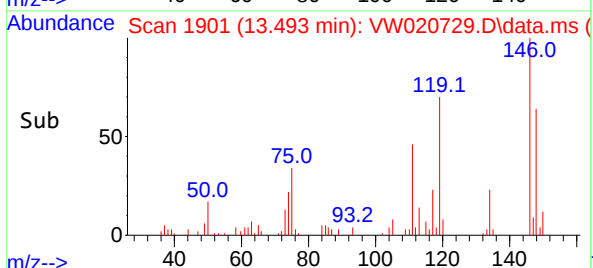
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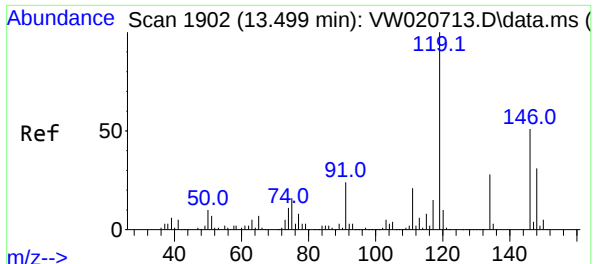


#86
p-Isopropyltoluene
Concen: 2.444 ug/l
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

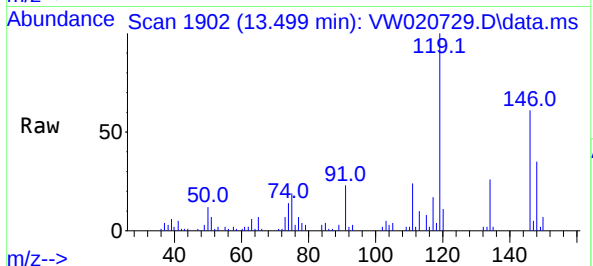


Tgt Ion:119 Resp: 10682
Ion Ratio Lower Upper
119 100
134 25.8 13.1 39.1
91 24.3 12.0 36.0

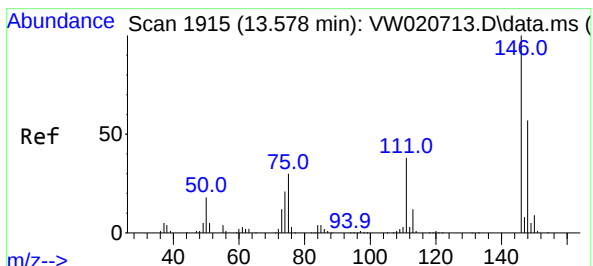
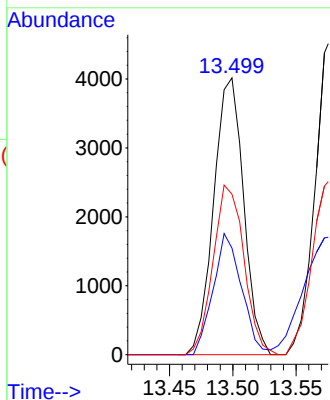
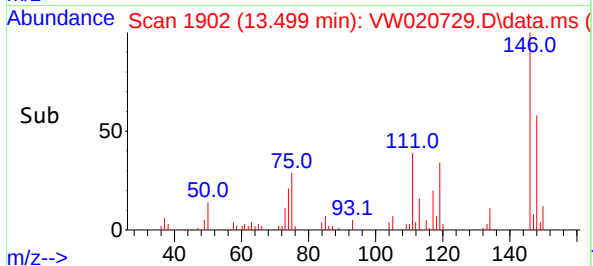




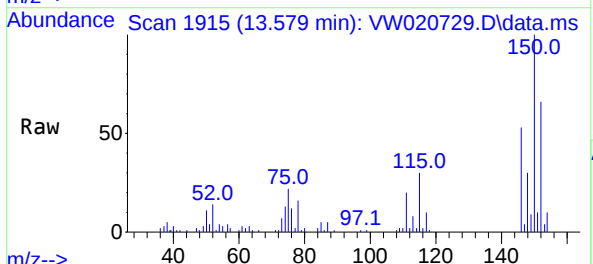
#87
1,3-Dichlorobenzene
Concen: 2.875 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



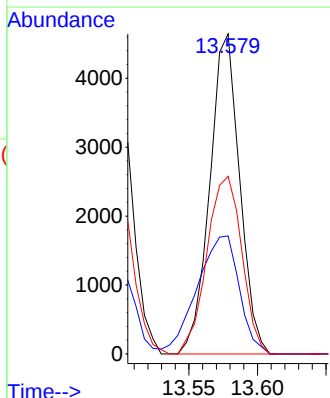
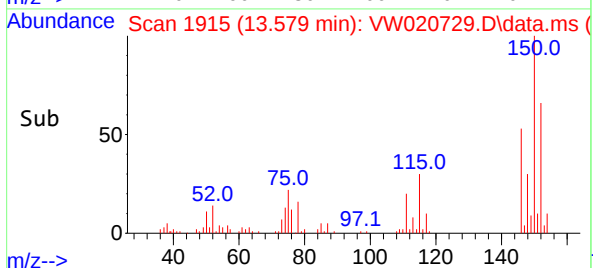
Tgt Ion:146 Resp: 6597
Ion Ratio Lower Upper
146 100
111 41.8 19.8 59.4
148 63.3 31.1 93.2



#88
1,4-Dichlorobenzene
Concen: 3.082 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



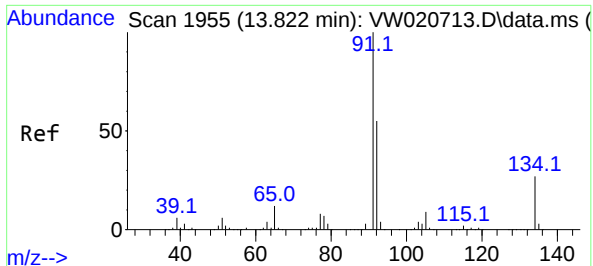
Tgt Ion:146 Resp: 7054
Ion Ratio Lower Upper
146 100
111 51.9 19.7 59.0
148 64.8 30.8 92.3



Instrument :
MSVOA_W
ClientSampleId :
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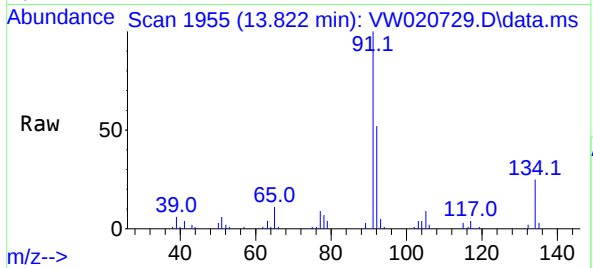
Manual Integrations
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#89
n-Butylbenzene
Concen: 2.581 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

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

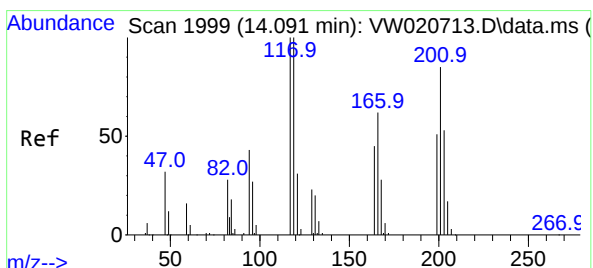
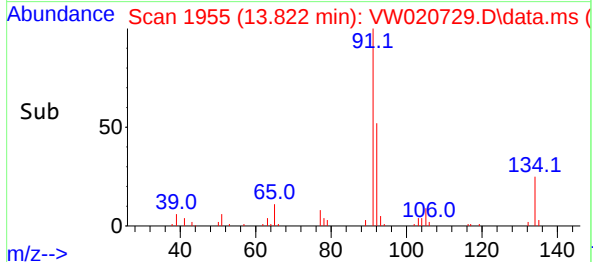
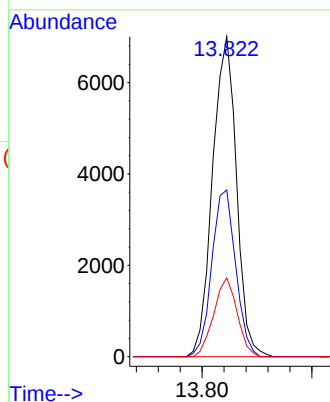


Tgt Ion: 91 Resp: 10603

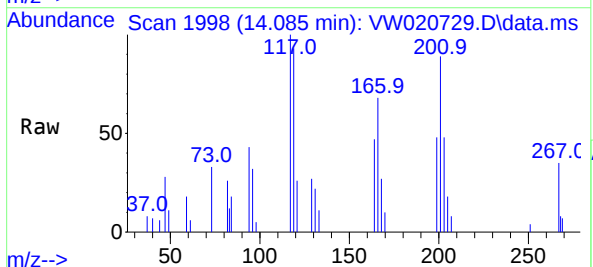
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.8	80.3
134	24.1	13.1	39.3

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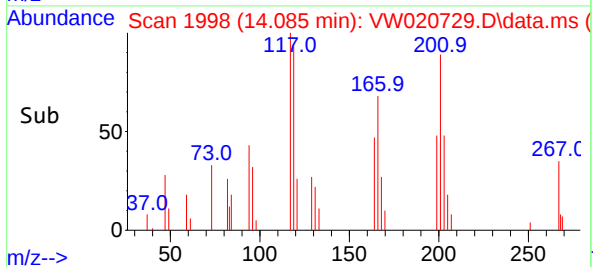
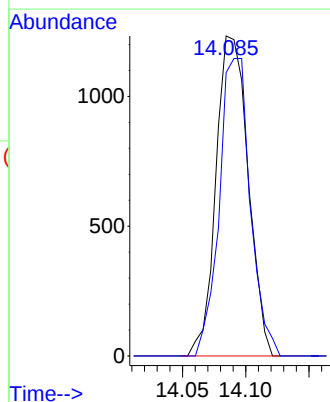


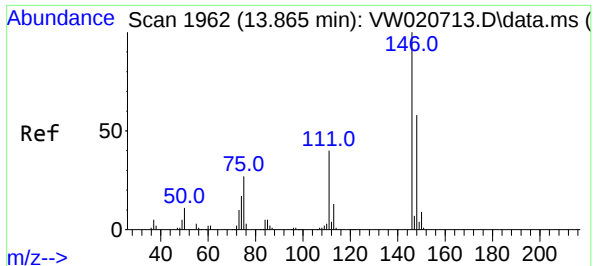
#90
Hexachloroethane
Concen: 2.735 ug/l
RT: 14.085 min Scan# 1998
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



Tgt Ion: 117 Resp: 2176

Ion	Ratio	Lower	Upper
117	100		
201	89.7	42.4	127.1





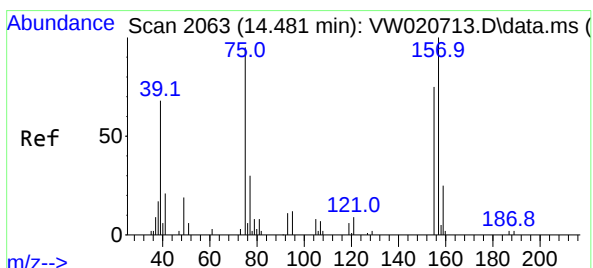
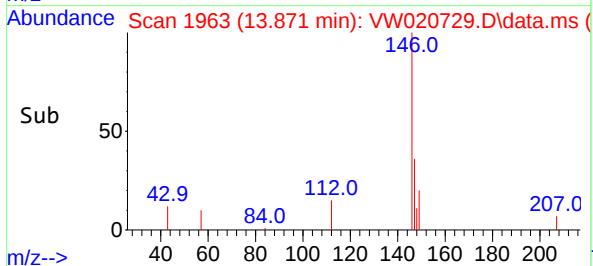
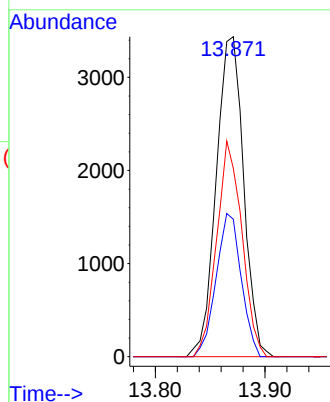
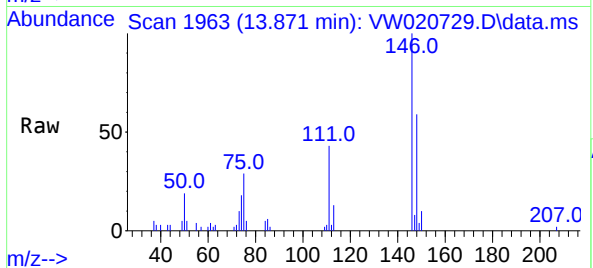
#91
1,2-Dichlorobenzene
Concen: 2.968 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

Tgt Ion: 146 Resp: 5963
Ion Ratio Lower Upper
146 100
111 41.1 20.4 61.3
148 62.2 30.7 92.1

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

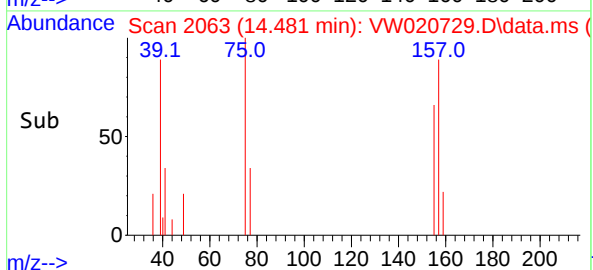
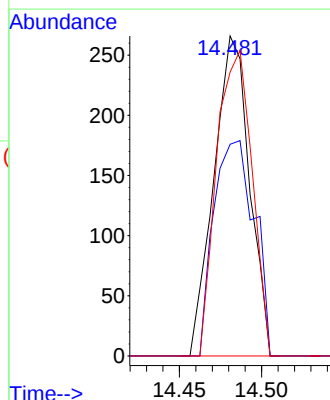
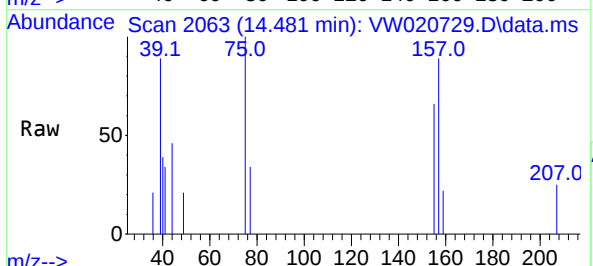
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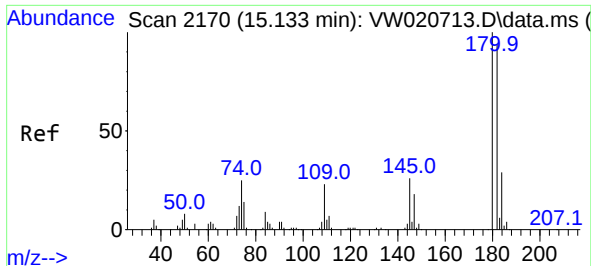
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#92
1,2-Dibromo-3-Chloropropane
Concen: 2.756 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

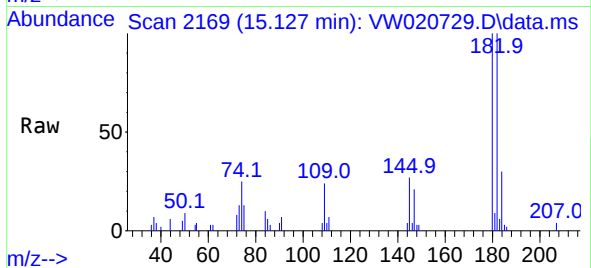
Tgt Ion: 75 Resp: 401
Ion Ratio Lower Upper
75 100
155 76.6 42.4 127.1
157 94.8 55.9 167.7





#93
1,2,4-Trichlorobenzene
Concen: 3.012 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

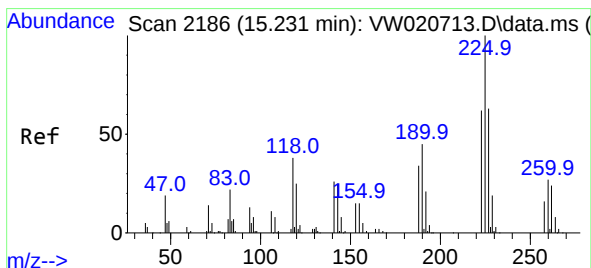
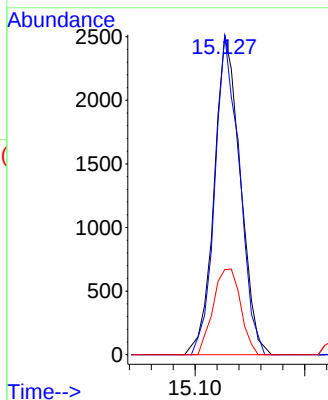
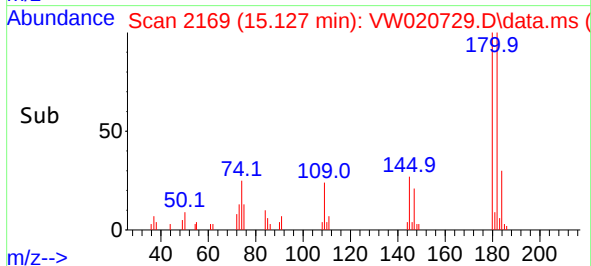
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



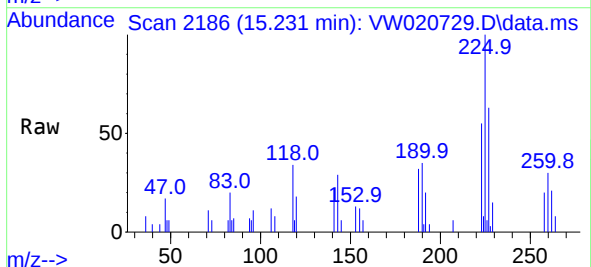
Tgt Ion:180 Resp: 4151
Ion Ratio Lower Upper
180 100
182 94.4 47.9 143.8
145 28.1 14.8 44.4

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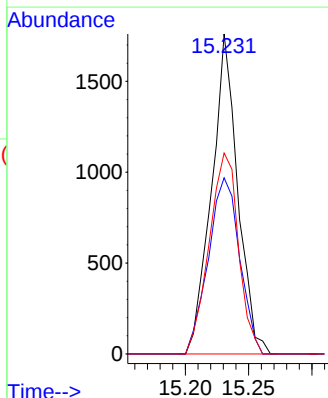
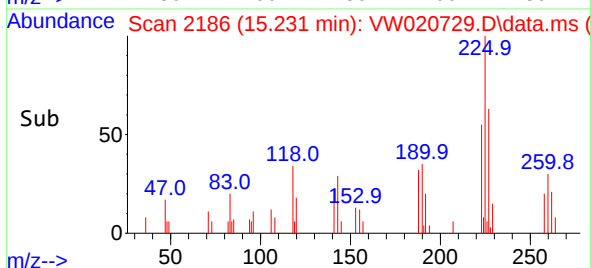
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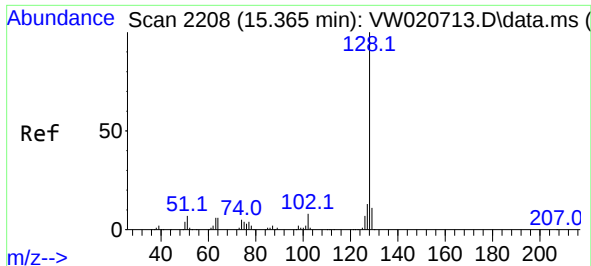


#94
Hexachlorobutadiene
Concen: 2.843 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



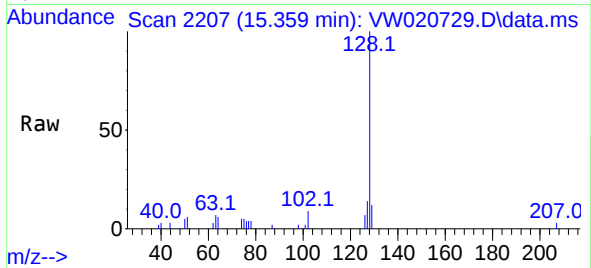
Tgt Ion:225 Resp: 2532
Ion Ratio Lower Upper
225 100
223 65.7 31.6 95.0
227 70.1 31.9 95.7





#95
Naphthalene
Concen: 2.594 ug/l
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33

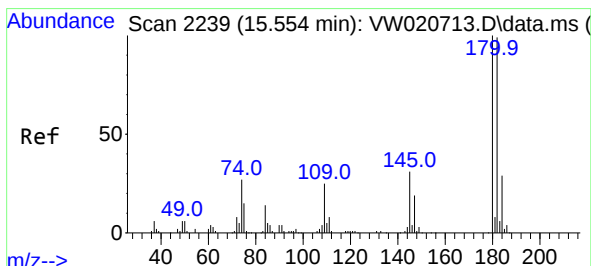
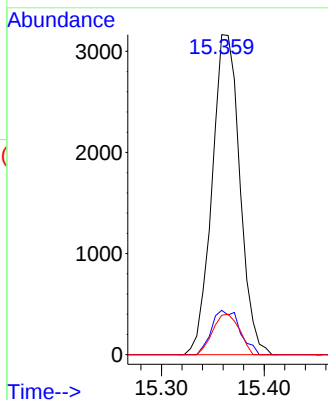
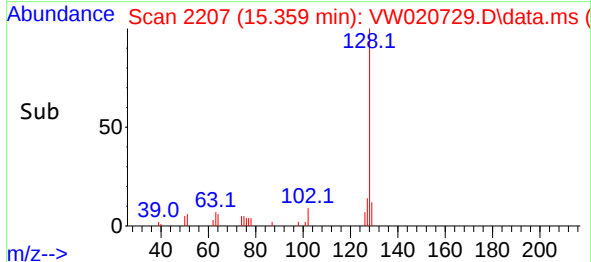
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



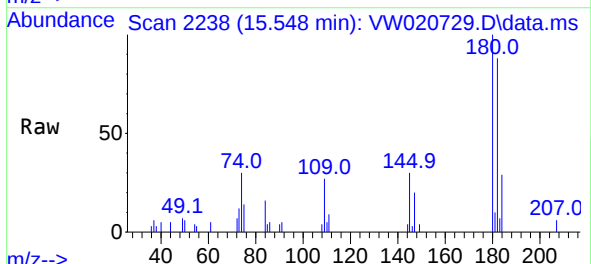
Tgt Ion:128 Resp: 5943
Ion Ratio Lower Upper
128 100
127 14.2 10.6 16.0
129 12.1 8.6 12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 2.822 ug/l
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW020729.D
Acq: 29 Oct 2021 16:33



Tgt Ion:180 Resp: 3492
Ion Ratio Lower Upper
180 100
182 96.4 48.5 145.5
145 32.1 15.7 47.1

