

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102921\
 Data File : VW020730.D
 Acq On : 29 Oct 2021 16:57
 Operator : SY/VA
 Sample : M4068-01 4PPBLOD
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Nov 01 00:43:04 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	101083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	155144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	143728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	78638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	51252	51.582	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.160%
35) Dibromofluoromethane	7.878	113	44712	49.128	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.260%
50) Toluene-d8	10.323	98	162382	47.543	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.080%
62) 4-Bromofluorobenzene	12.615	95	62613	48.593	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.180%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	1065	4.289	ug/l	93
3) Chloromethane	2.209	50	3076	5.089	ug/l	96
4) Vinyl Chloride	2.355	62	3015	4.262	ug/l	96
5) Bromomethane	2.769	94	2011	7.027	ug/l	97
6) Chloroethane	2.910	64	1027	5.748	ug/l	89
7) Trichlorofluoromethane	3.251	101	1351	4.060	ug/l	86
8) Diethyl Ether	3.678	74	1755	4.255	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.062	101	3831	4.700	ug/l	98
10) Methyl Iodide	4.275	142	3695	4.024	ug/l	97
11) Tert butyl alcohol	5.178	59	1184	22.390	ug/l #	72
12) 1,1-Dichloroethene	4.044	96	3334	4.196	ug/l	91
13) Acrolein	3.891	56	474	20.388	ug/l	84
14) Allyl chloride	4.659	41	4464	3.653	ug/l	97
15) Acrylonitrile	5.373	53	4304	22.288	ug/l	98
16) Acetone	4.129	43	5937	26.707	ug/l	91
17) Carbon Disulfide	4.379	76	9237	4.200	ug/l #	91
18) Methyl Acetate	4.672	43	3637	5.119	ug/l #	71
19) Methyl tert-butyl Ether	5.434	73	4372	4.016	ug/l	98
20) Methylene Chloride	4.915	84	8681	8.227	ug/l	98
21) trans-1,2-Dichloroethene	5.434	96	3878	4.364	ug/l #	75
22) Diisopropyl ether	6.318	45	10292	4.038	ug/l	99
23) Vinyl Acetate	6.257	43	28153	20.299	ug/l	97
24) 1,1-Dichloroethane	6.214	63	7224	4.422	ug/l	98
25) 2-Butanone	7.177	43	6206	23.218	ug/l	90
26) 2,2-Dichloropropane	7.165	77	4071	4.478	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	4174	4.295	ug/l	99
28) Bromochloromethane	7.506	49	3461	4.559	ug/l #	97
29) Tetrahydrofuran	7.537	42	3590	22.197	ug/l	99
30) Chloroform	7.677	83	7881	4.621	ug/l	87
31) Cyclohexane	7.951	56	8320	4.997	ug/l #	68
32) 1,1,1-Trichloroethane	7.872	97	6260	4.794	ug/l	94
36) 1,1-Dichloropropene	8.086	75	5801	4.191	ug/l	97
37) Ethyl Acetate	7.263	43	2778	4.703	ug/l #	92
38) Carbon Tetrachloride	8.067	117	5707	4.478	ug/l	99
39) Methylcyclohexane	9.335	83	6698	4.005	ug/l	95
40) Benzene	8.323	78	20441	5.146	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	1312	3.776	ug/l	94
42) 1,2-Dichloroethane	8.403	62	5496	4.502	ug/l	97
43) Isopropyl Acetate	8.427	43	4977	4.399	ug/l	97
44) Trichloroethene	9.091	130	4625	4.432	ug/l	95
45) 1,2-Dichloropropane	9.366	63	4002	4.271	ug/l	94
46) Dibromomethane	9.457	93	2326	4.569	ug/l	97
47) Bromodichloromethane	9.646	83	5594	4.329	ug/l	98
48) Methyl methacrylate	9.439	41	2256	4.072	ug/l	98
49) 1,4-Dioxane	9.457	88	581	86.082	ug/l #	89
51) 4-Methyl-2-Pentanone	10.207	43	13068	22.081	ug/l	97
52) Toluene	10.384	92	10730	4.419	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	5352	4.111	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	6018	4.018	ug/l	97
55) 1,1,2-Trichloroethane	10.786	97	3280	4.619	ug/l	85
56) Ethyl methacrylate	10.646	69	3593	4.051	ug/l	99
57) 1,3-Dichloropropane	10.933	76	5605	4.525	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	8224	19.552	ug/l	98
59) 2-Hexanone	10.969	43	9555	22.829	ug/l	92
60) Dibromochloromethane	11.128	129	3658	4.310	ug/l	92
61) 1,2-Dibromoethane	11.231	107	3008	4.426	ug/l	99
64) Tetrachloroethene	10.866	164	4053	4.428	ug/l	98
65) Chlorobenzene	11.658	112	11853	4.548	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	4022	4.234	ug/l	98
67) Ethyl Benzene	11.731	91	18828	3.988	ug/l	100
68) m/p-Xylenes	11.841	106	14370	7.857	ug/l	95
69) o-Xylene	12.164	106	6600	3.921	ug/l	98
70) Styrene	12.182	104	11106	3.849	ug/l	98
71) Bromoform	12.347	173	2331	4.490	ug/l #	98
73) Isopropylbenzene	12.463	105	17894	3.769	ug/l	99
74) N-amyl acetate	12.274	43	4345	3.996	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	3965	4.735	ug/l	99
76) 1,2,3-Trichloropropane	12.762	75	3144m	4.664	ug/l	
77) Bromobenzene	12.743	156	4937	4.297	ug/l	97
78) n-propylbenzene	12.804	91	23259	3.975	ug/l	100
79) 2-Chlorotoluene	12.890	91	13689	4.062	ug/l	99
80) 1,3,5-Trimethylbenzene	12.938	105	16053	3.886	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.506	75	1145	4.242	ug/l	98
82) 4-Chlorotoluene	12.987	91	14543	4.066	ug/l	98
83) tert-Butylbenzene	13.201	119	13667	3.891	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	15864	3.856	ug/l	98
85) sec-Butylbenzene	13.383	105	20345	3.851	ug/l	100
86) p-Isopropyltoluene	13.493	119	17125	3.817	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	10090	4.284	ug/l	95
88) 1,4-Dichlorobenzene	13.579	146	10607	4.515	ug/l	90
89) n-Butylbenzene	13.822	91	16260	3.856	ug/l	99
90) Hexachloroethane	14.091	117	3472	4.252	ug/l	96
91) 1,2-Dichlorobenzene	13.865	146	9364	4.541	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	700	4.688	ug/l	91
93) 1,2,4-Trichlorobenzene	15.127	180	5959	4.213	ug/l	100
94) Hexachlorobutadiene	15.231	225	4094	4.479	ug/l	96
95) Naphthalene	15.365	128	9530	4.052	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	5337	4.202	ug/l	98

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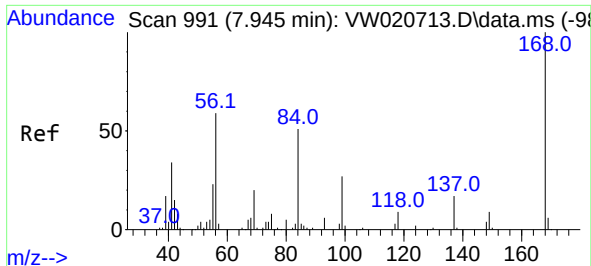
Manual Integrations
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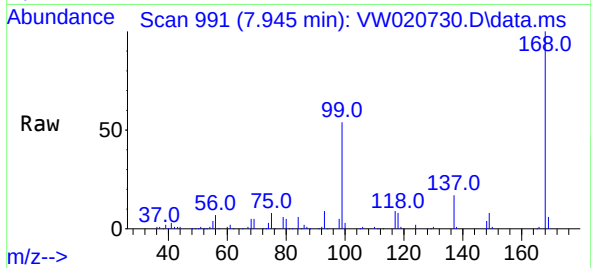
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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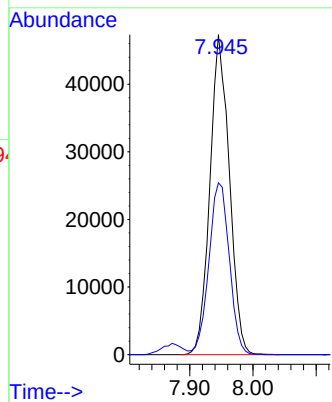
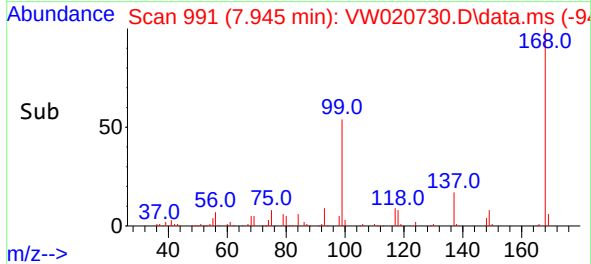
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020730.D
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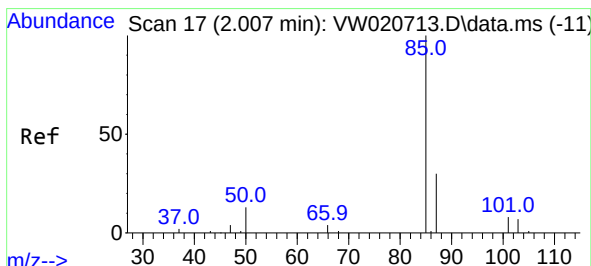
Tgt Ion:168 Resp: 101083
Ion Ratio Lower Upper
168 100
99 53.7 46.2 69.4



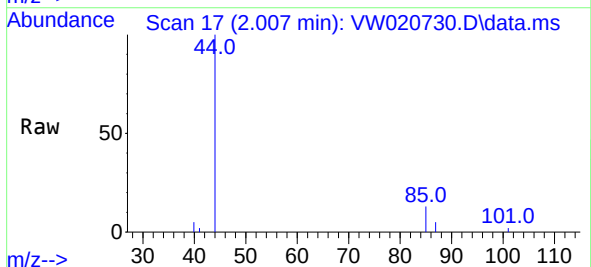
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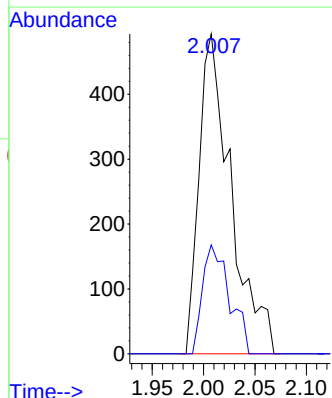
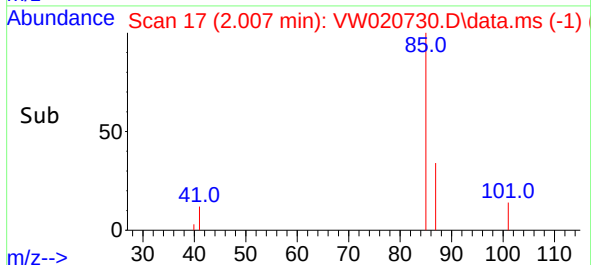
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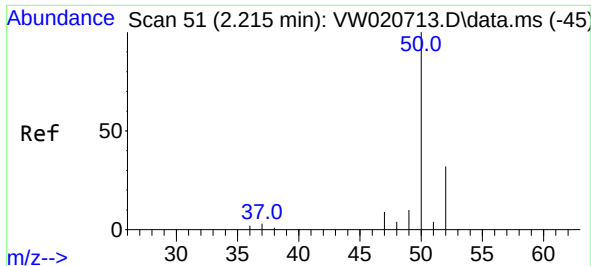


#2
Dichlorodifluoromethane
Concen: 4.289 ug/l
RT: 2.007 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



Tgt Ion: 85 Resp: 1065
Ion Ratio Lower Upper
85 100
87 34.1 15.0 45.1





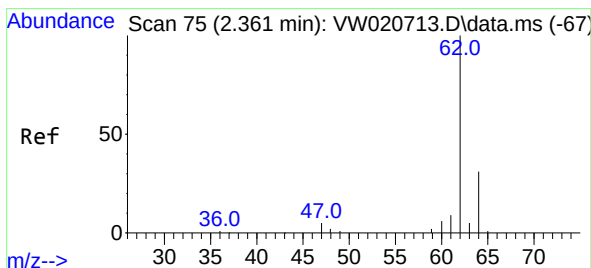
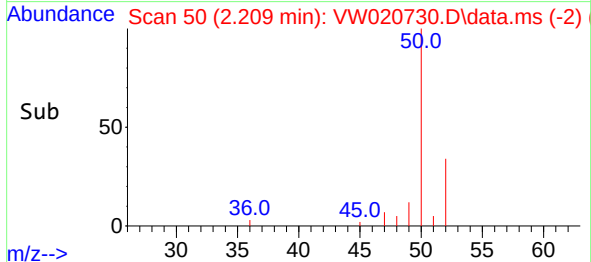
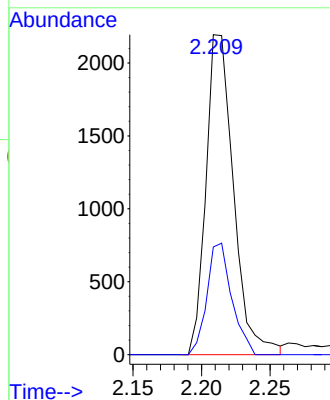
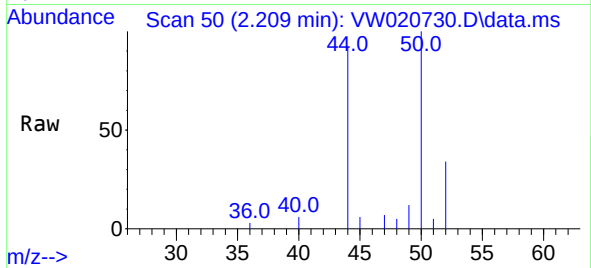
#3
Chloromethane
Concen: 5.089 ug/l
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 50 Resp: 3076
Ion Ratio Lower Upper
50 100
52 33.6 25.2 37.8

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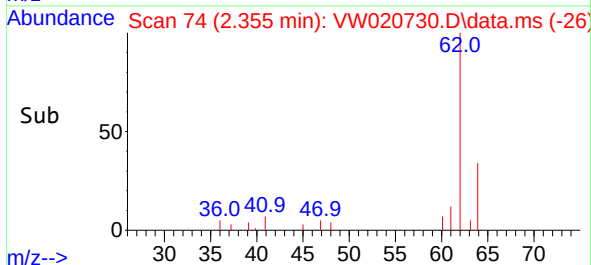
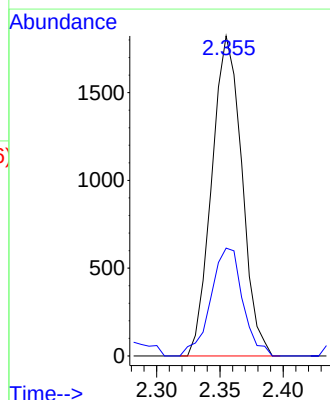
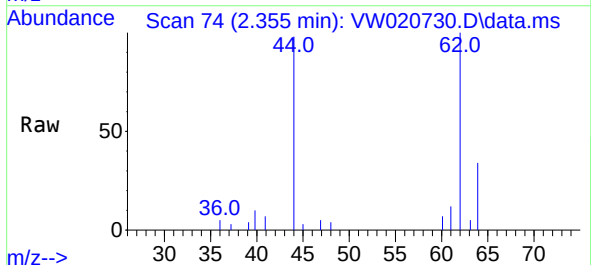
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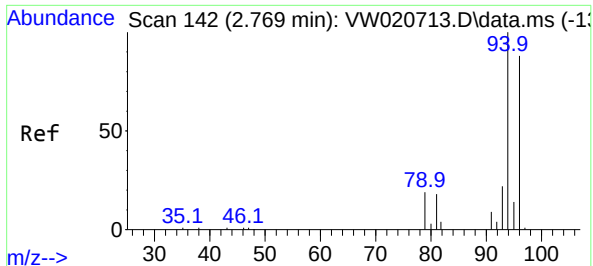
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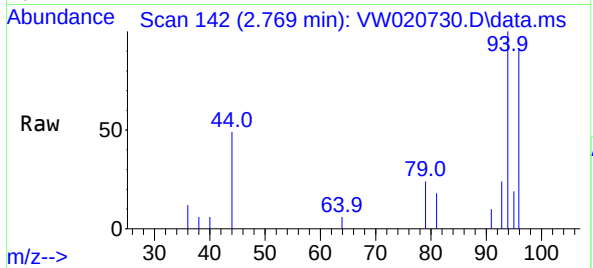
#4
Vinyl Chloride
Concen: 4.262 ug/l
RT: 2.355 min Scan# 74
Delta R.T. -0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 62 Resp: 3015
Ion Ratio Lower Upper
62 100
64 33.7 25.0 37.4

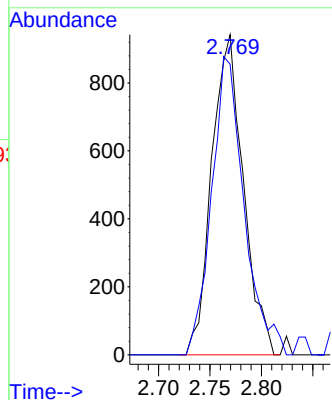
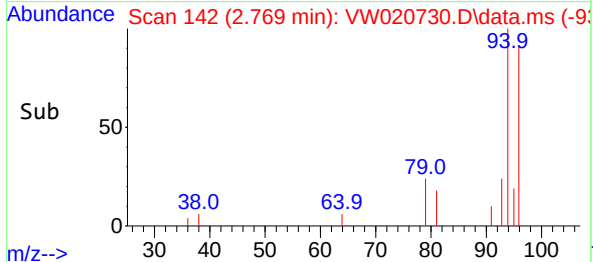




#5
Bromomethane
Concen: 7.027 ug/l
RT: 2.769 min Scan# 142
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



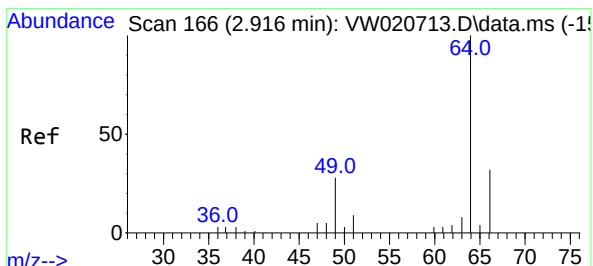
Tgt Ion: 94 Resp: 2011
Ion Ratio Lower Upper
94 100
96 90.8 70.1 105.1



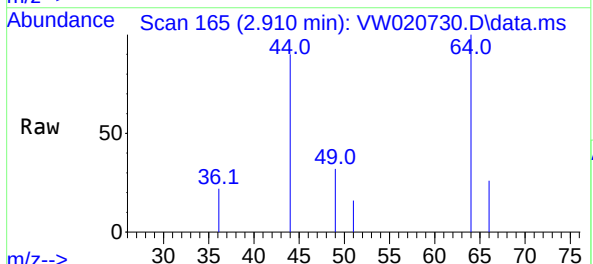
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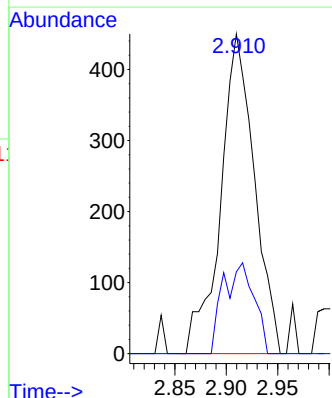
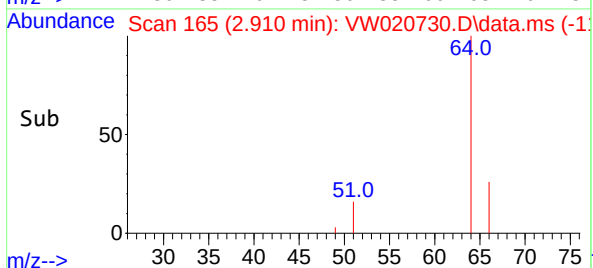
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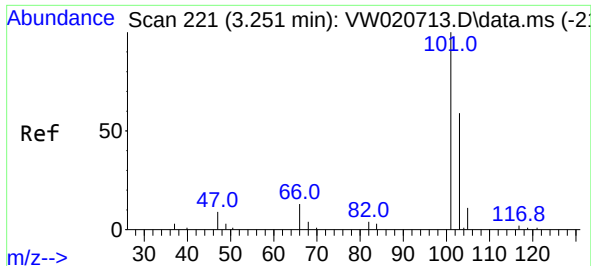


#6
Chloroethane
Concen: 5.748 ug/l
RT: 2.910 min Scan# 165
Delta R.T. -0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



Tgt Ion: 64 Resp: 1027
Ion Ratio Lower Upper
64 100
66 25.6 25.5 38.3





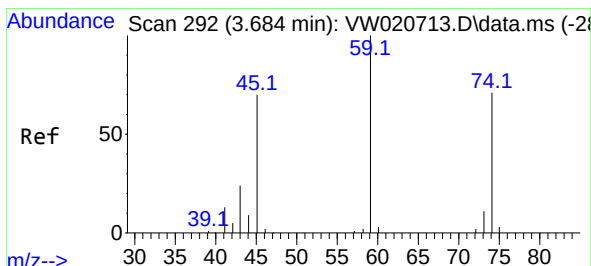
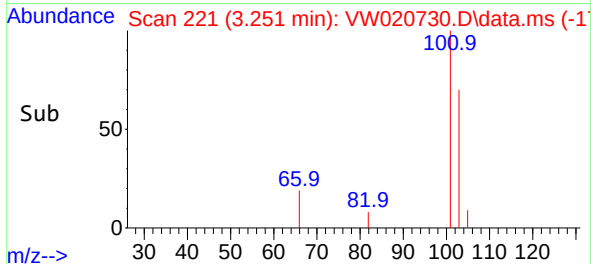
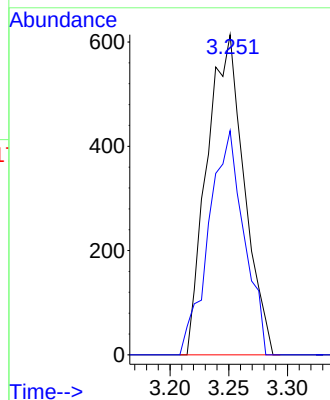
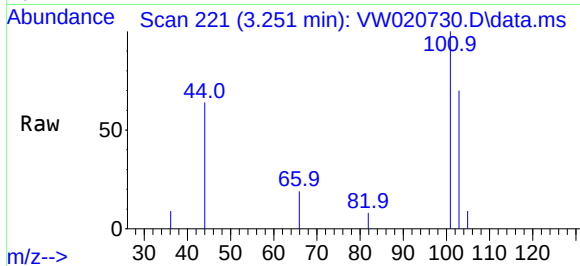
#7
Trichlorofluoromethane
Concen: 4.060 ug/l
RT: 3.251 min Scan# 221
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 101 Resp: 1351
Ion Ratio Lower Upper
101 100
103 70.0 47.4 71.0

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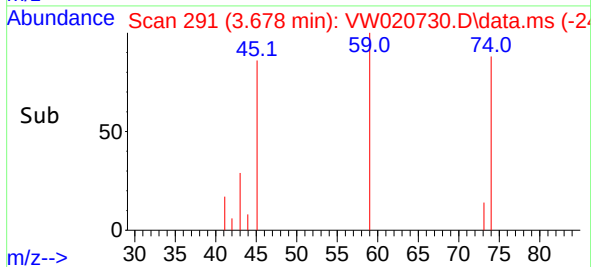
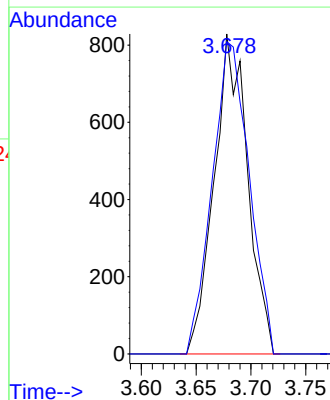
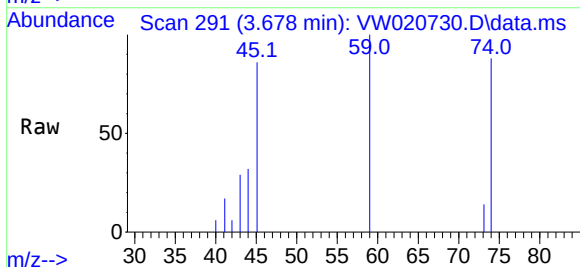
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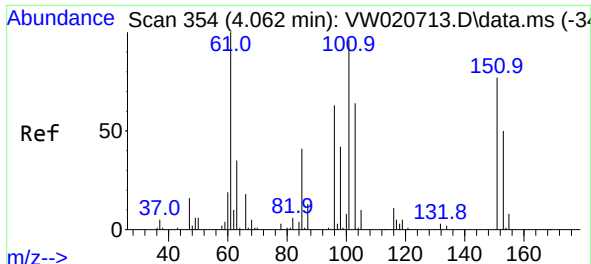
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#8
Diethyl Ether
Concen: 4.255 ug/l
RT: 3.678 min Scan# 291
Delta R.T. -0.006 min
Lab File: VW020730.D
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Tgt Ion: 74 Resp: 1755
Ion Ratio Lower Upper
74 100
45 108.2 50.4 151.2





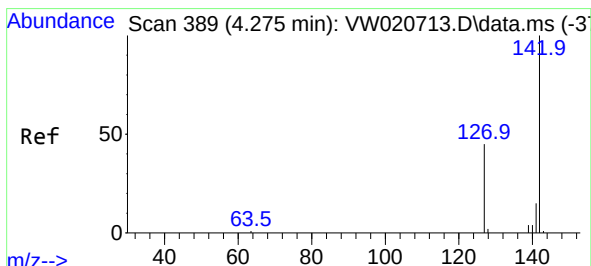
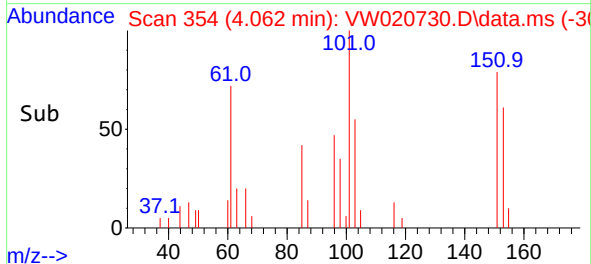
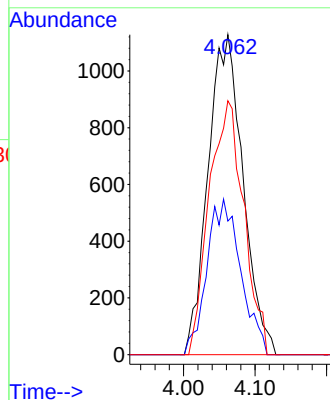
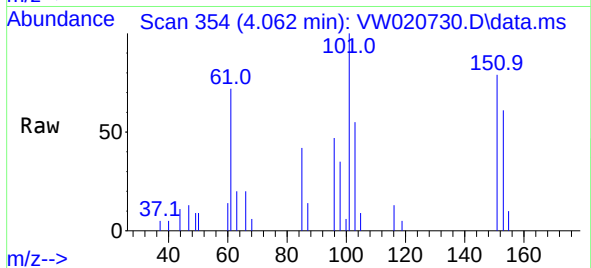
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.700 ug/l
RT: 4.062 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW020730.D
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Tgt Ion:	101	Resp:	3831
Ion	Ratio	Lower	Upper
101	100		
85	46.9	35.3	52.9
151	78.6	63.8	95.6

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

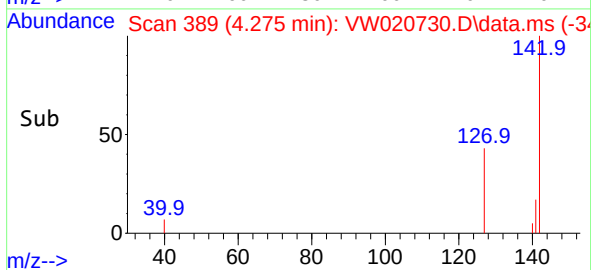
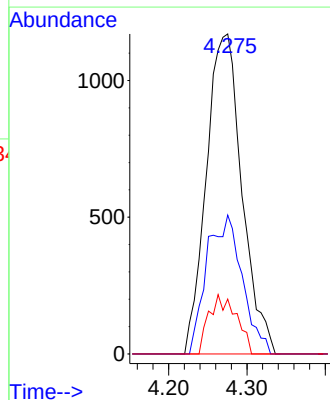
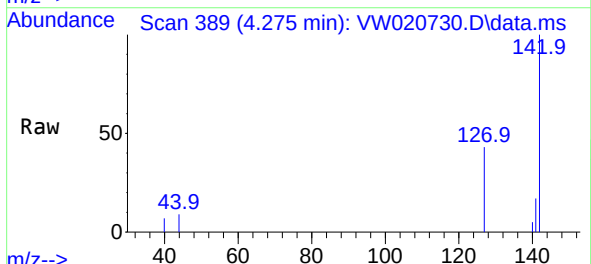
Manual Integrations
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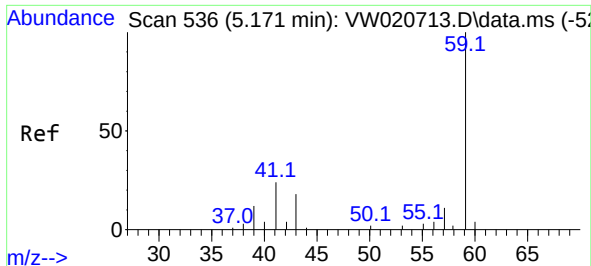
MMDadoda
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#10
Methyl Iodide
Concen: 4.024 ug/l
RT: 4.275 min Scan# 389
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion:	142	Resp:	3695
Ion	Ratio	Lower	Upper
142	100		
127	43.0	36.3	54.5
141	14.2	12.1	18.1





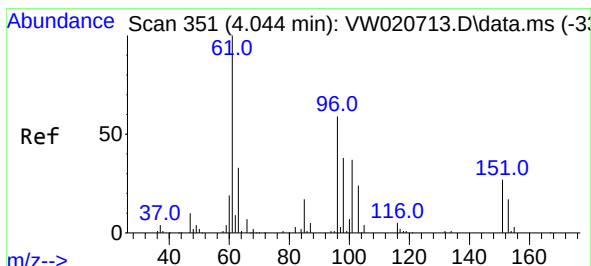
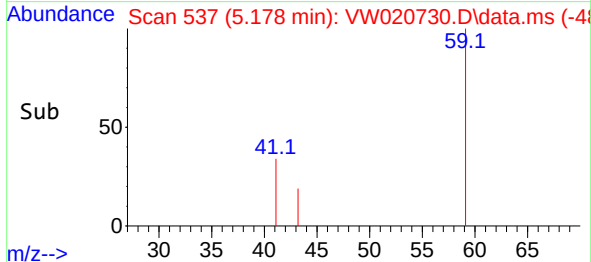
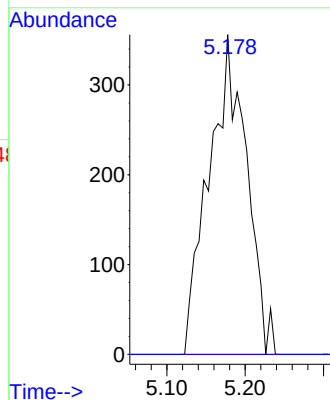
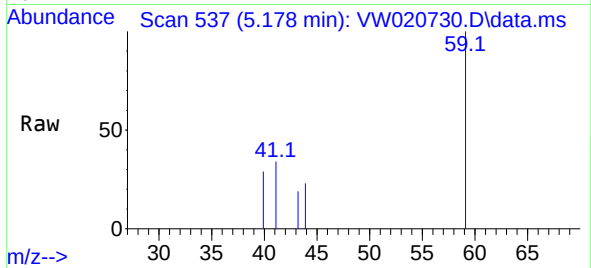
#11
Tert butyl alcohol
Concen: 22.390 ug/l
RT: 5.178 min Scan# 537
Delta R.T. 0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 59 Resp: 1184
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

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

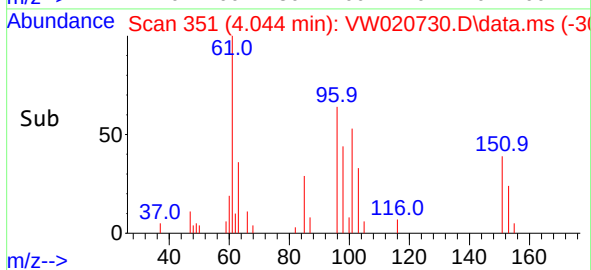
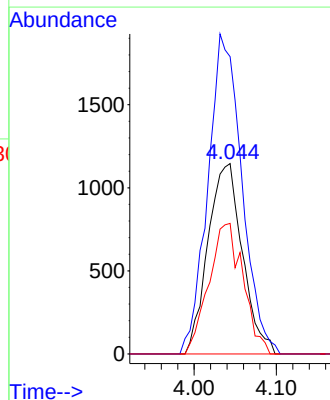
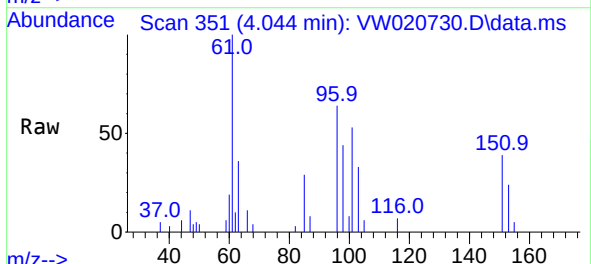
Manual Integrations
APPROVED

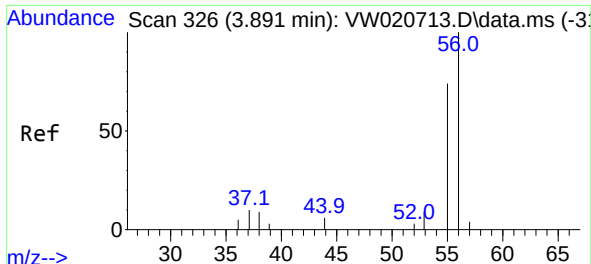
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#12
1,1-Dichloroethene
Concen: 4.196 ug/l
RT: 4.044 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 96 Resp: 3334
Ion Ratio Lower Upper
96 100
61 156.1 136.6 205.0
98 68.6 52.2 78.4





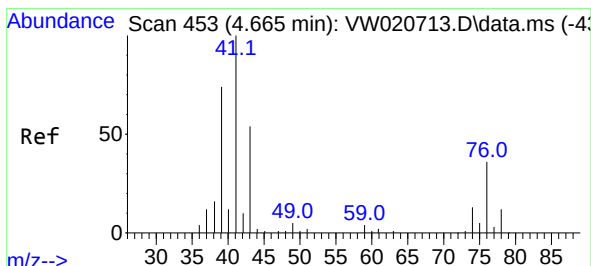
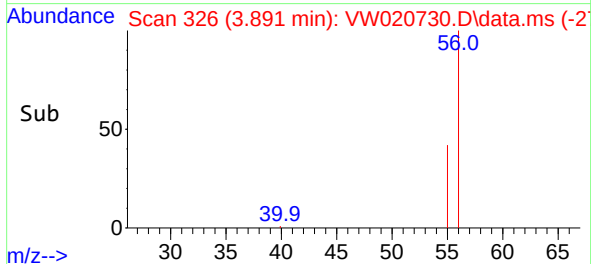
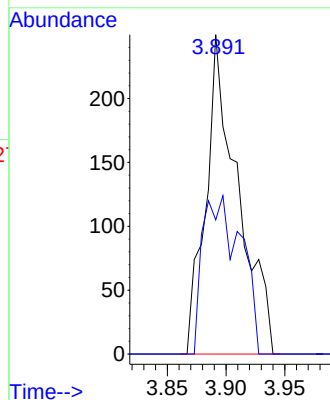
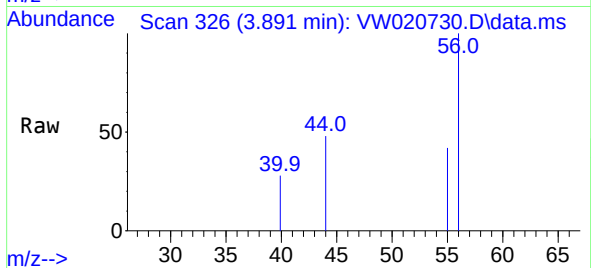
#13
Acrolein
Concen: 20.388 ug/l
RT: 3.891 min Scan# 326
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 56 Resp: 474
Ion Ratio Lower Upper
56 100
55 59.3 58.2 87.4

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

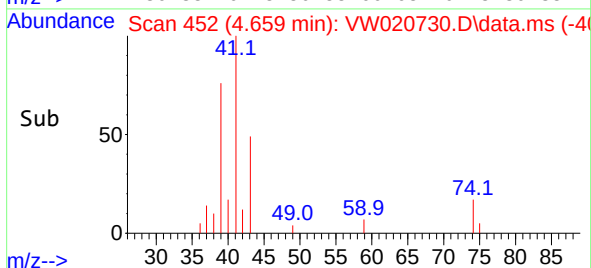
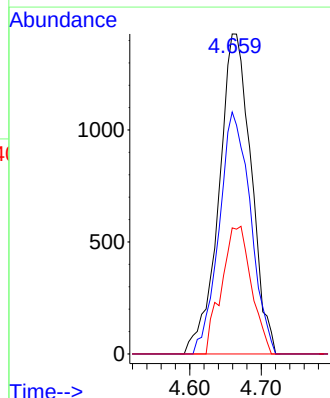
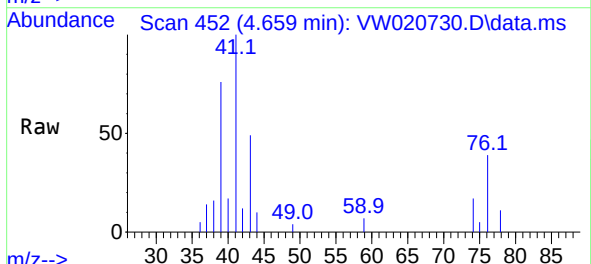
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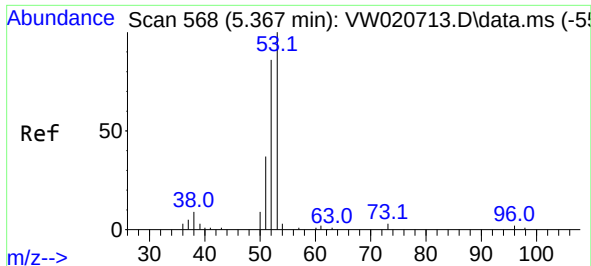
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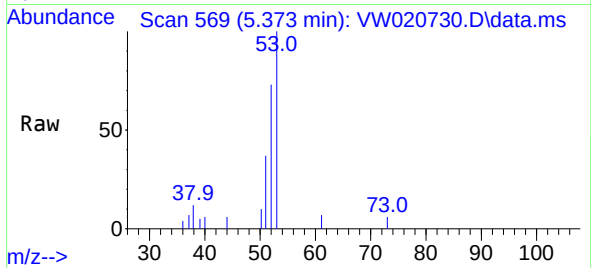
#14
Allyl chloride
Concen: 3.653 ug/l
RT: 4.659 min Scan# 452
Delta R.T. -0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 41 Resp: 4464
Ion Ratio Lower Upper
41 100
39 73.7 57.1 85.7
76 36.8 27.9 41.9



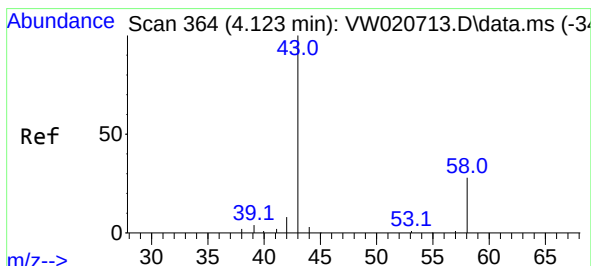
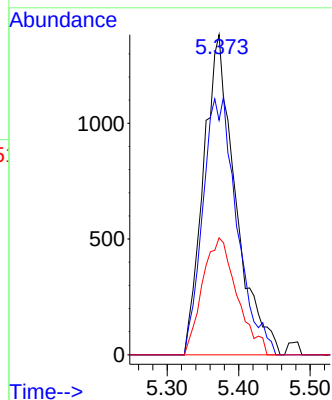
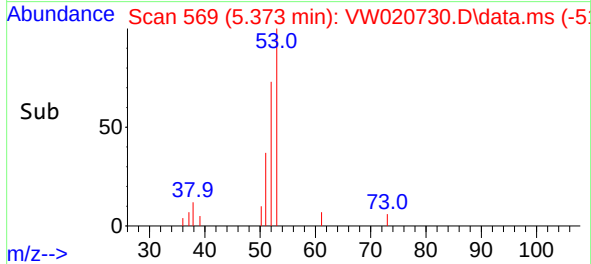


#15
Acrylonitrile
Concen: 22.288 ug/l
RT: 5.373 min Scan# 569
Delta R.T. 0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

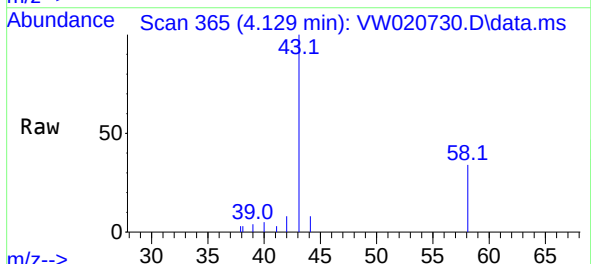


Tgt Ion: 53 Resp: 4304

Ion	Ratio	Lower	Upper
53	100		
52	85.9	67.7	101.5
51	39.4	29.8	44.8

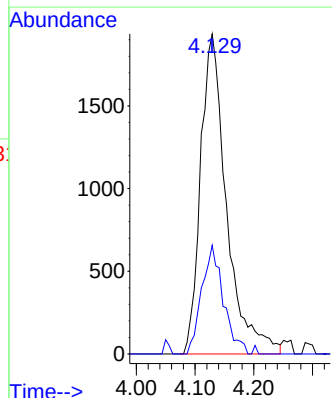
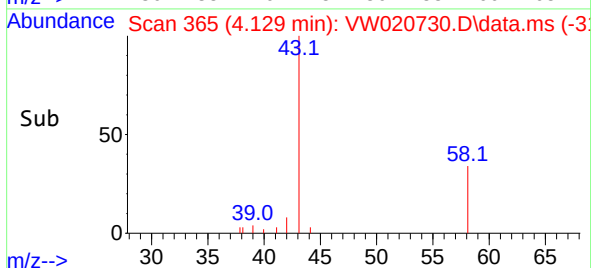


#16
Acetone
Concen: 26.707 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



Tgt Ion: 43 Resp: 5937

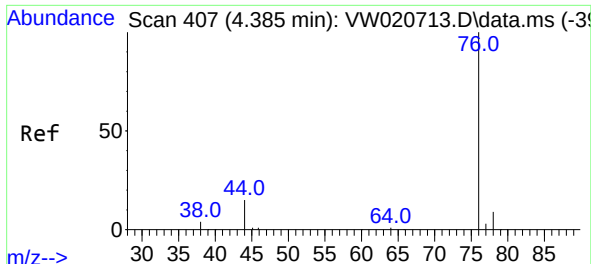
Ion	Ratio	Lower	Upper
43	100		
58	34.0	23.2	34.8



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

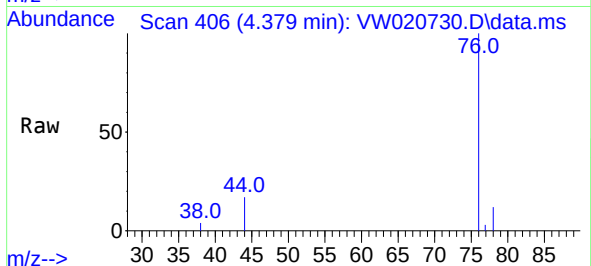
Manual Integrations
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#17
Carbon Disulfide
Concen: 4.200 ug/l
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

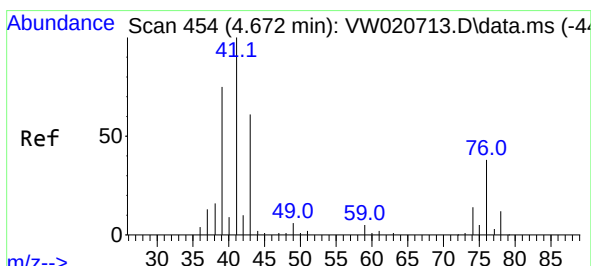
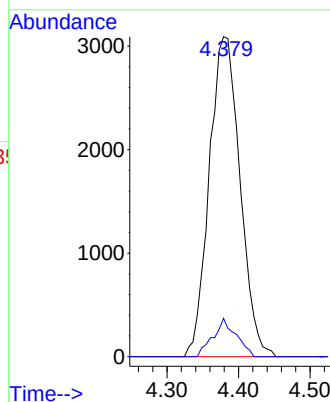
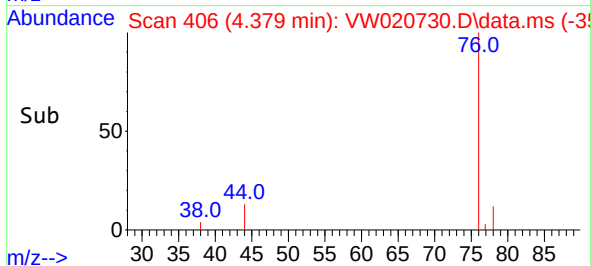
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



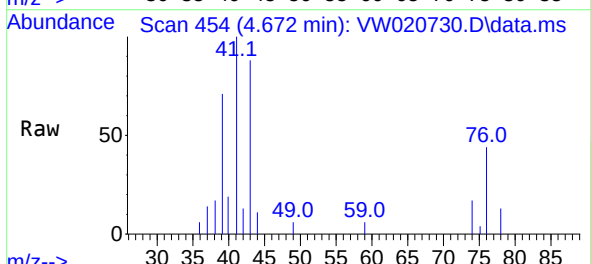
Tgt Ion: 76 Resp: 9237
Ion Ratio Lower Upper
76 100
78 12.0 7.0 10.6#

Manual Integrations
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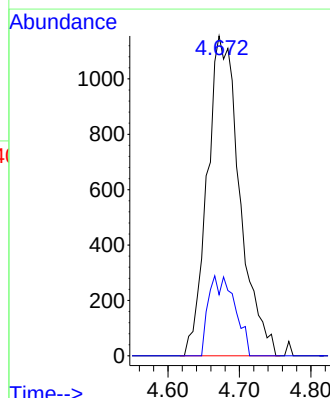
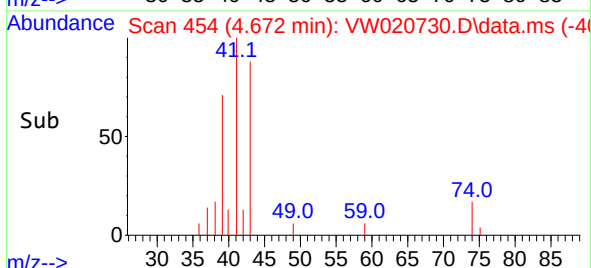
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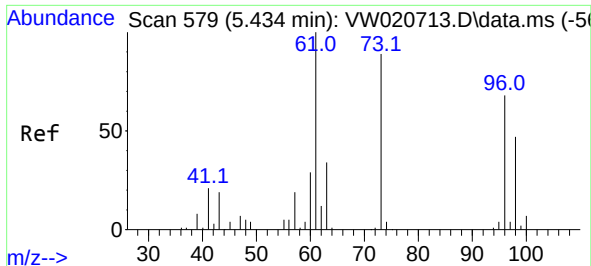


#18
Methyl Acetate
Concen: 5.119 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

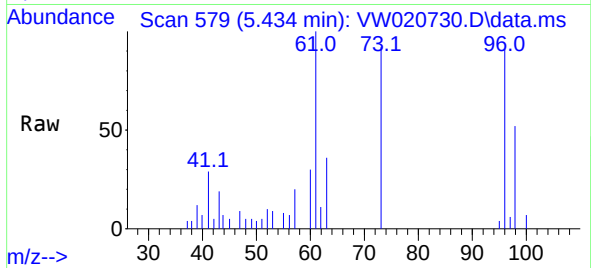


Tgt Ion: 43 Resp: 3637
Ion Ratio Lower Upper
43 100
74 9.1 18.8 28.2#

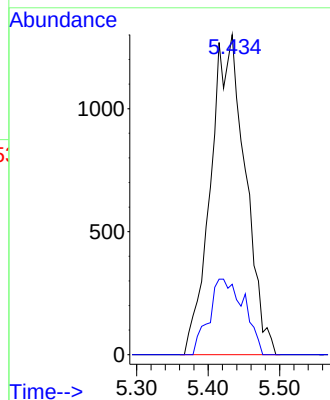




#19
Methyl tert-butyl Ether
Concen: 4.016 ug/l
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



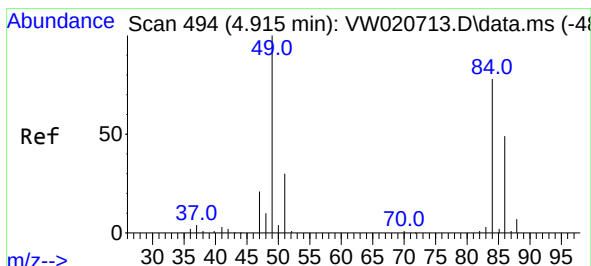
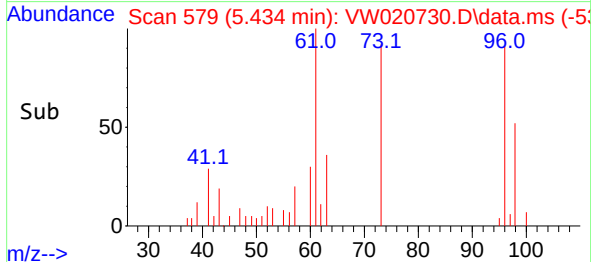
Tgt Ion: 73 Resp: 4372
Ion Ratio Lower Upper
73 100
57 22.0 16.8 25.2



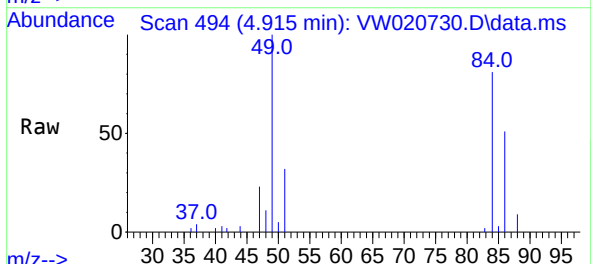
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
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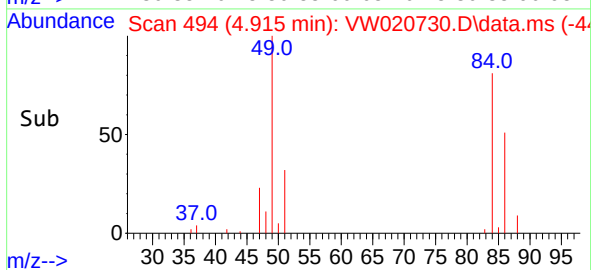
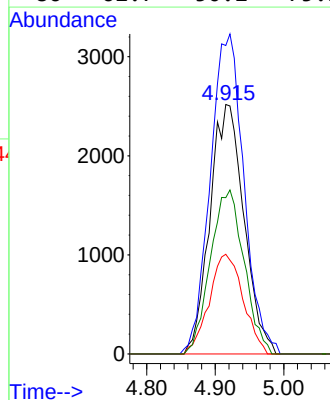
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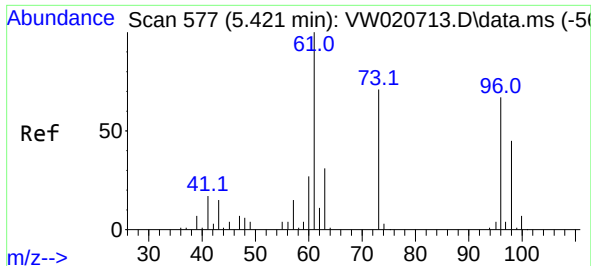


#20
Methylene Chloride
Concen: 8.227 ug/l
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

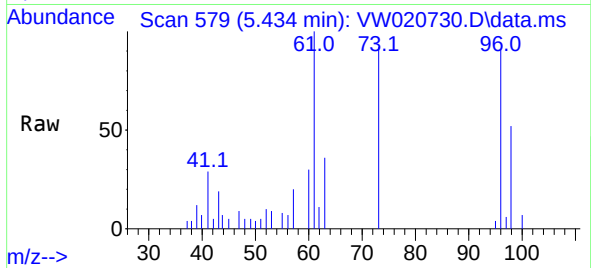


Tgt Ion: 84 Resp: 8681
Ion Ratio Lower Upper
84 100
49 123.7 102.0 153.0
51 40.0 30.6 45.8
86 62.7 50.2 75.2



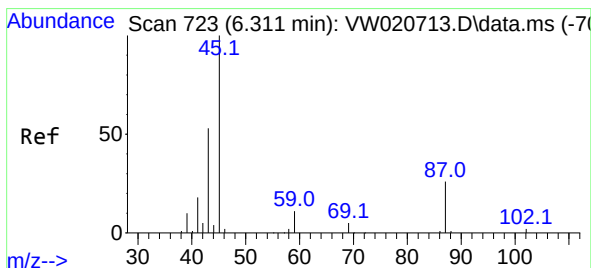
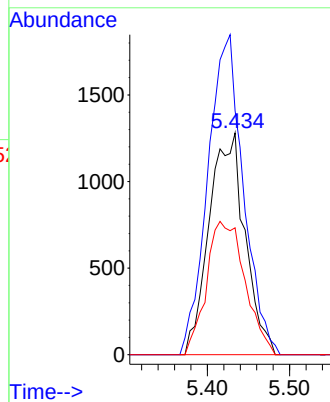
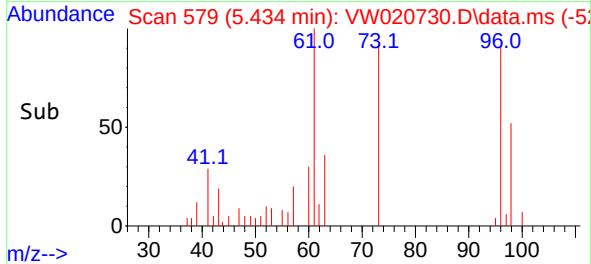


#21
trans-1,2-Dichloroethene
Concen: 4.364 ug/l
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

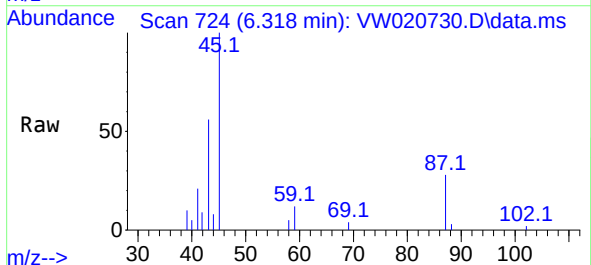


Tgt Ion: 96 Resp: 3878

Ion	Ratio	Lower	Upper
96	100		
61	110.0	119.0	178.6#
98	57.2	53.7	80.5

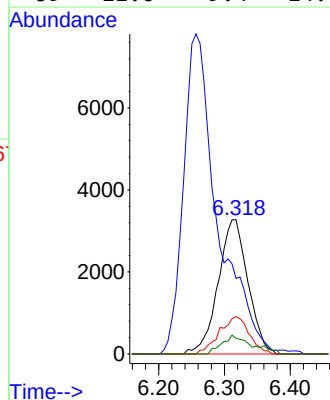
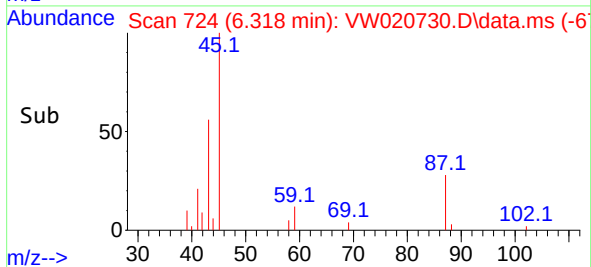


#22
Diisopropyl ether
Concen: 4.038 ug/l
RT: 6.318 min Scan# 724
Delta R.T. 0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



Tgt Ion: 45 Resp: 10292

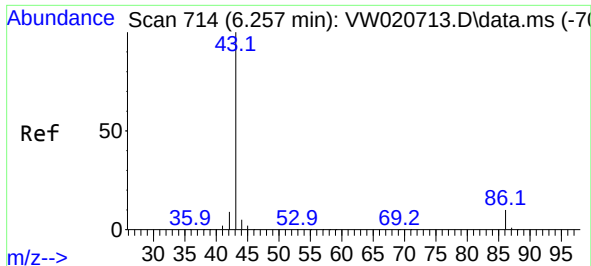
Ion	Ratio	Lower	Upper
45	100		
43	53.5	43.8	65.6
87	27.8	21.6	32.4
59	11.6	9.4	14.0



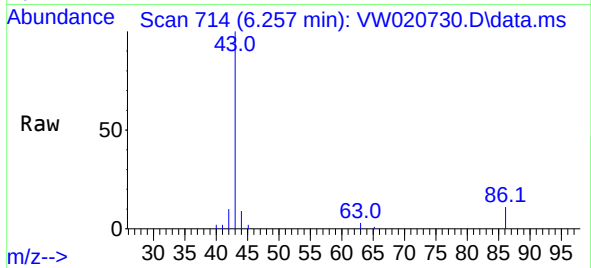
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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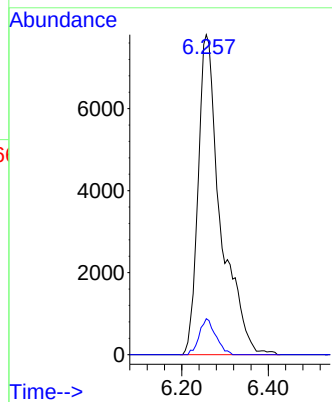
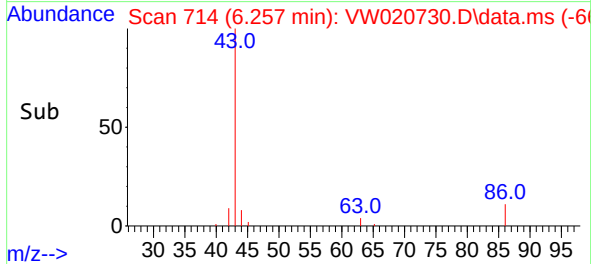
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#23
 Vinyl Acetate
 Concen: 20.299 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW020730.D
 Acq: 29 Oct 2021 16:57



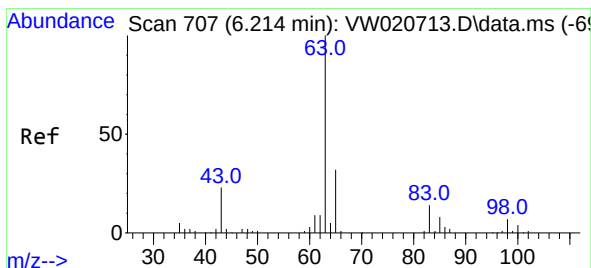
Tgt Ion: 43 Resp: 28153
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.1 12.1



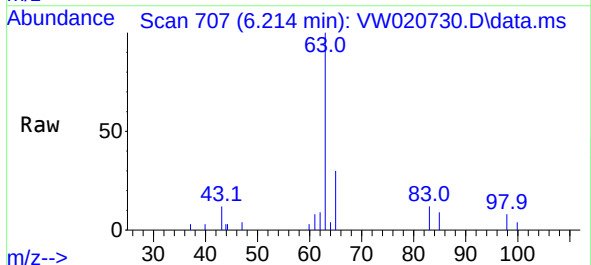
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
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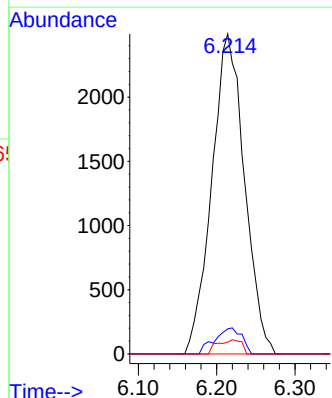
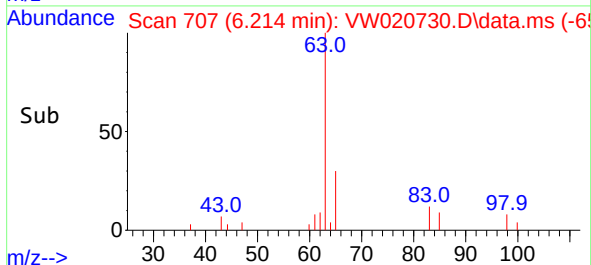
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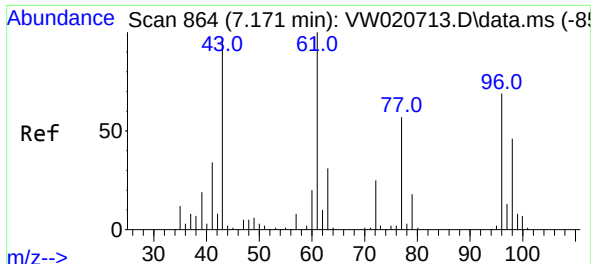


#24
 1,1-Dichloroethane
 Concen: 4.422 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW020730.D
 Acq: 29 Oct 2021 16:57



Tgt Ion: 63 Resp: 7224
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.6
 100 3.7 2.1 6.5





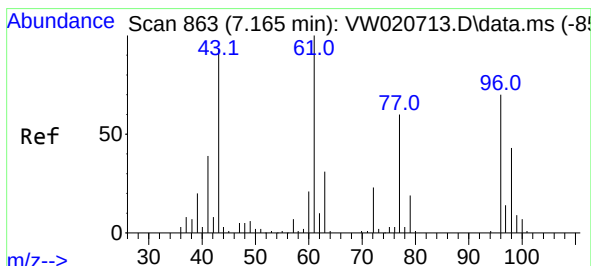
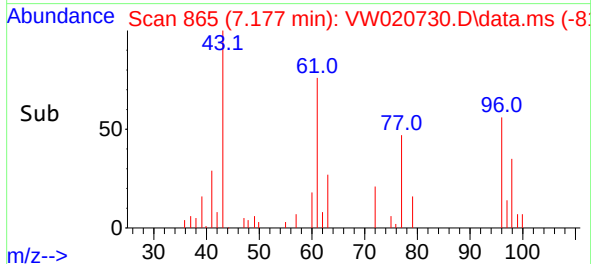
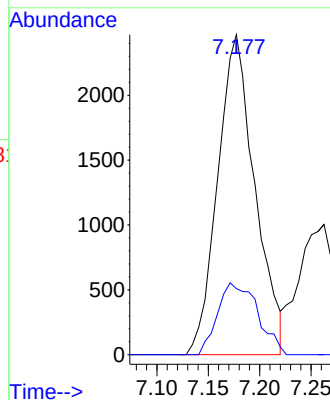
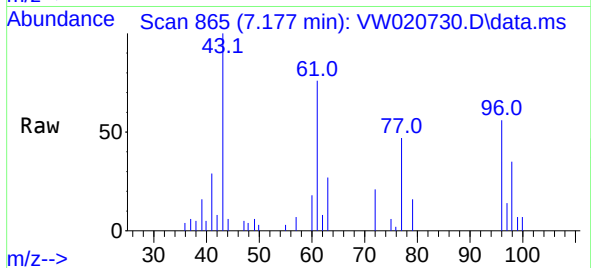
#25
2-Butanone
Concen: 23.218 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 43 Resp: 6206
Ion Ratio Lower Upper
43 100
72 20.7 20.4 30.6

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

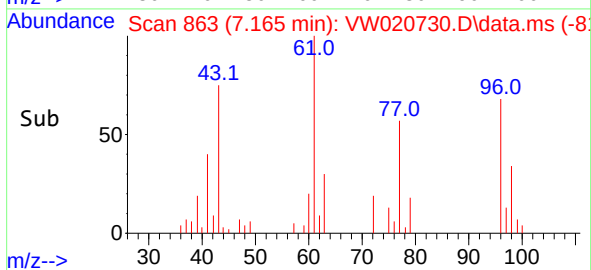
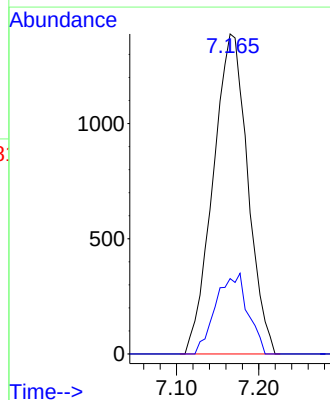
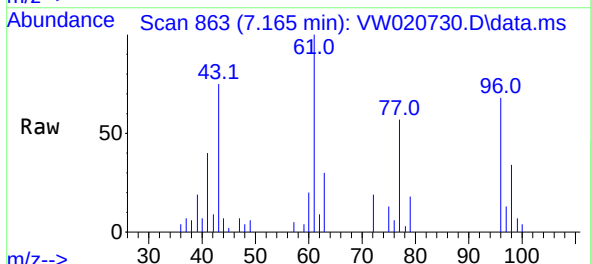
Manual Integrations
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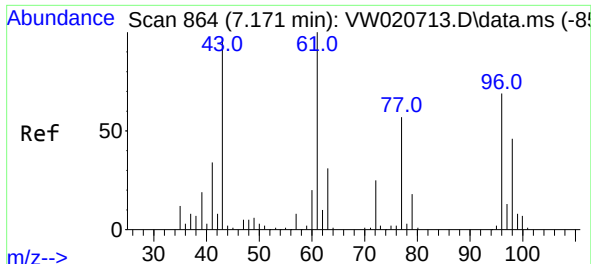
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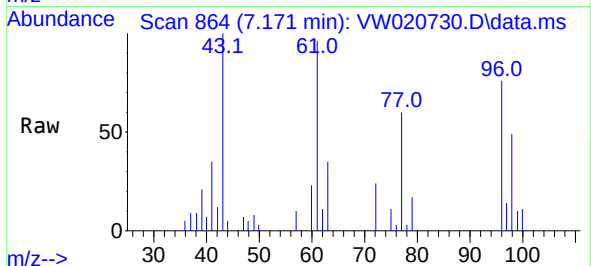
#26
2,2-Dichloropropane
Concen: 4.478 ug/l
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 77 Resp: 4071
Ion Ratio Lower Upper
77 100
97 23.1 11.7 35.0



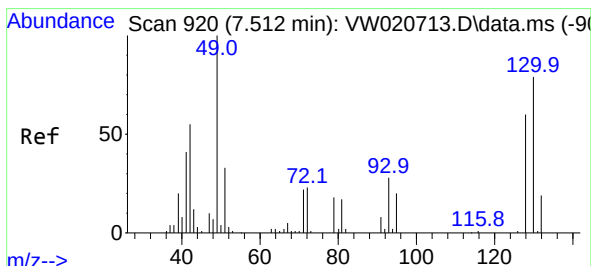
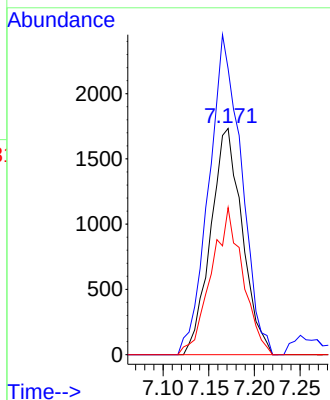
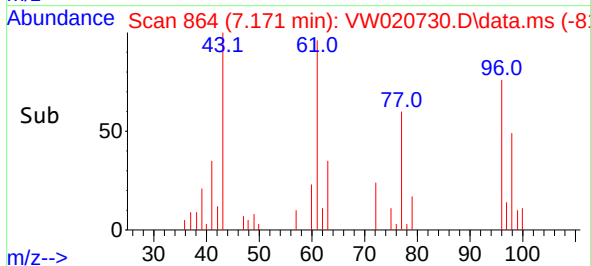


#27
cis-1,2-Dichloroethene
Concen: 4.295 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

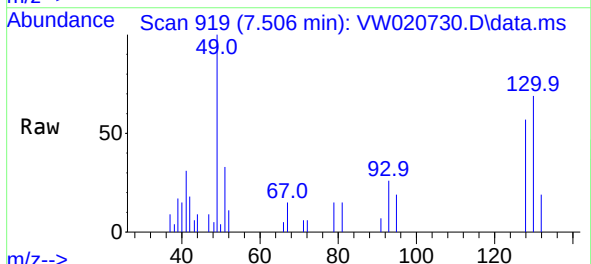


Tgt Ion: 96 Resp: 4174

Ion	Ratio	Lower	Upper
96	100		
61	145.8	0.0	288.8
98	65.1	0.0	129.2

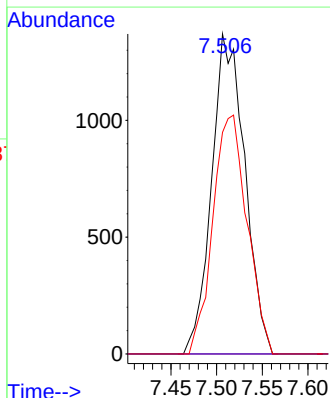
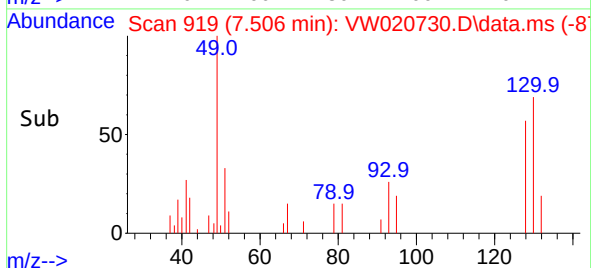


#28
Bromochloromethane
Concen: 4.559 ug/l
RT: 7.506 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



Tgt Ion: 49 Resp: 3461

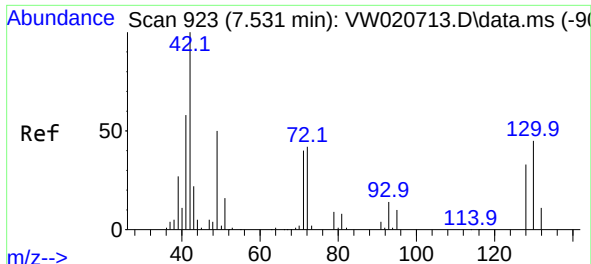
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	77.0	63.7	95.5



Instrument :
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ClientSampleId :
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#29

Tetrahydrofuran

Concen: 22.197 ug/l

RT: 7.537 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW020730.D

Acq: 29 Oct 2021 16:57

Tgt Ion:	42	Resp:	3590
Ion	Ratio	Lower	Upper
42	100		
72	42.5	33.0	49.6
71	39.4	31.5	47.3

Instrument :

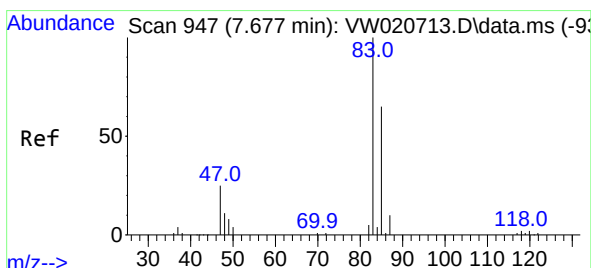
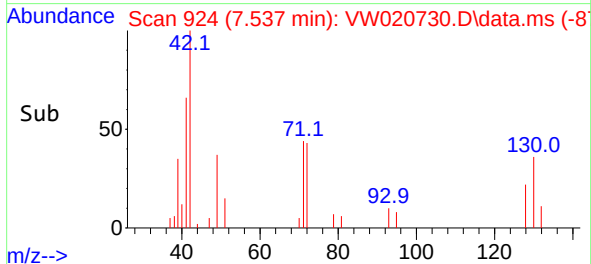
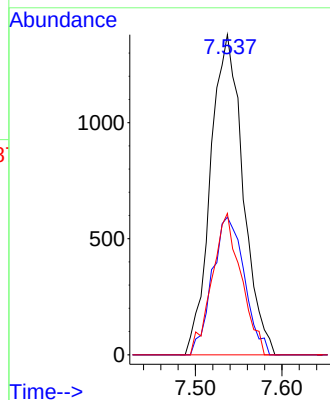
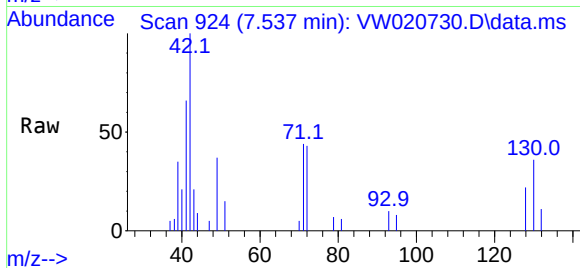
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ClientSampleId :

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#30

Chloroform

Concen: 4.621 ug/l

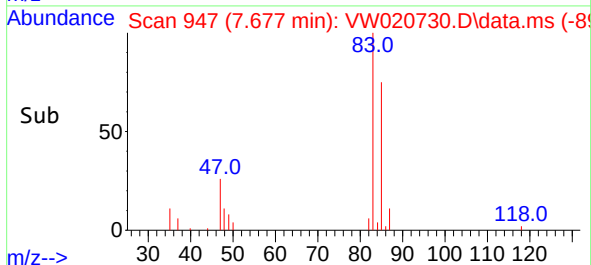
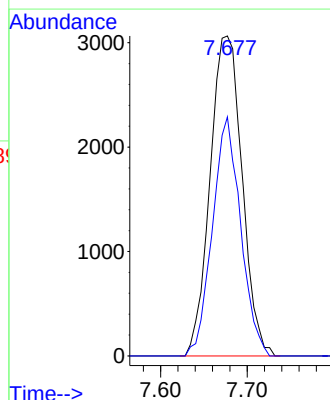
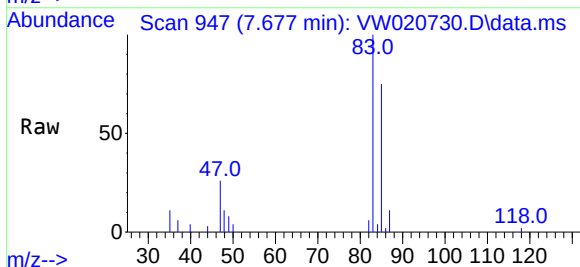
RT: 7.677 min Scan# 947

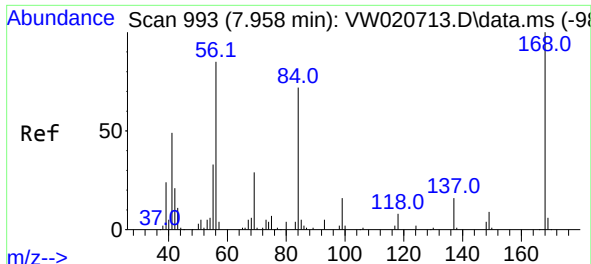
Delta R.T. 0.000 min

Lab File: VW020730.D

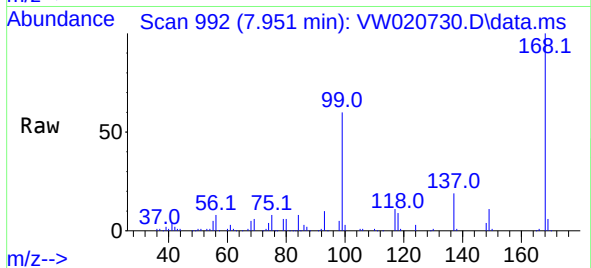
Acq: 29 Oct 2021 16:57

Tgt Ion:	83	Resp:	7881
Ion	Ratio	Lower	Upper
83	100		
85	74.7	51.6	77.4

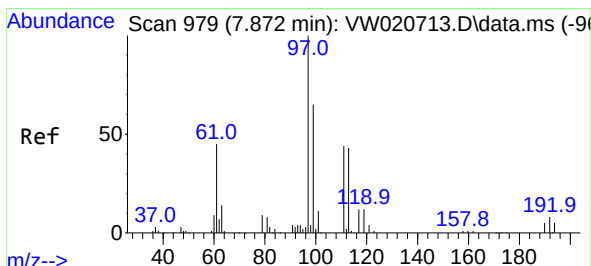
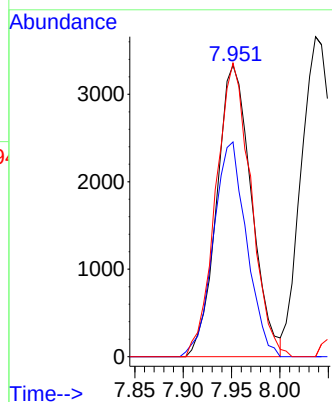
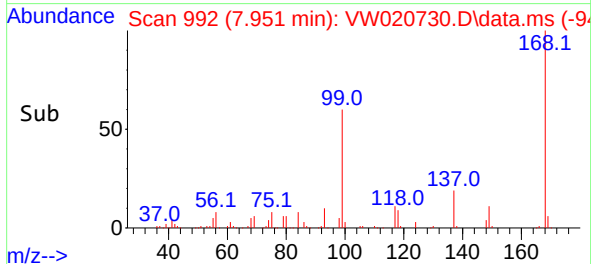




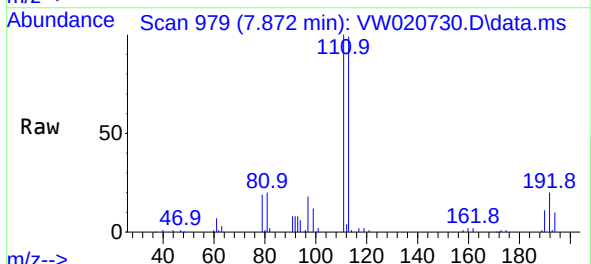
#31
Cyclohexane
Concen: 4.997 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



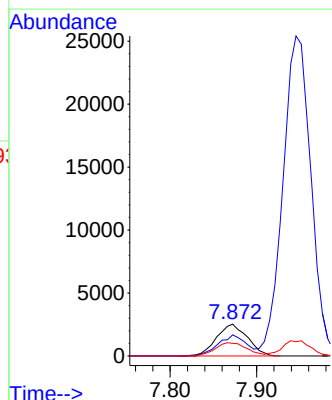
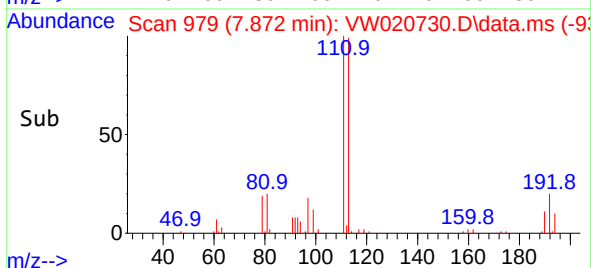
Tgt Ion: 56 Resp: 8320
Ion Ratio Lower Upper
56 100
69 73.7 26.9 40.3#
84 100.8 68.1 102.1



#32
1,1,1-Trichloroethane
Concen: 4.794 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



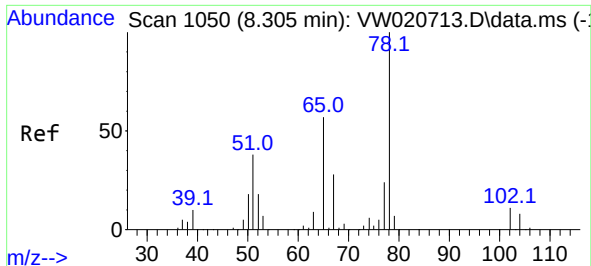
Tgt Ion: 97 Resp: 6260
Ion Ratio Lower Upper
97 100
99 59.0 51.9 77.9
61 42.6 36.5 54.7



Instrument :
MSVOA_W
ClientSampleId :
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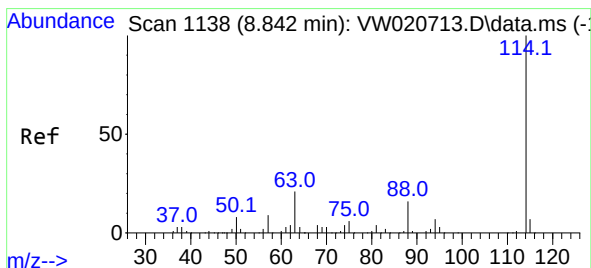
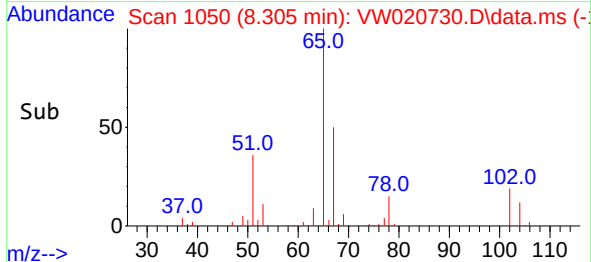
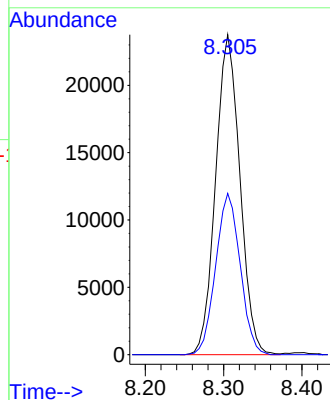
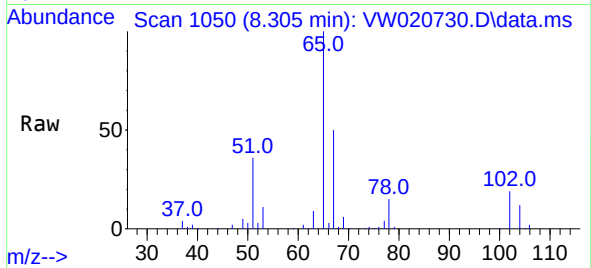
#33
 1,2-Dichloroethane-d4
 Concen: 51.582 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VW020730.D
 Acq: 29 Oct 2021 16:57

Tgt Ion: 65 Resp: 51252
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 99.8

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

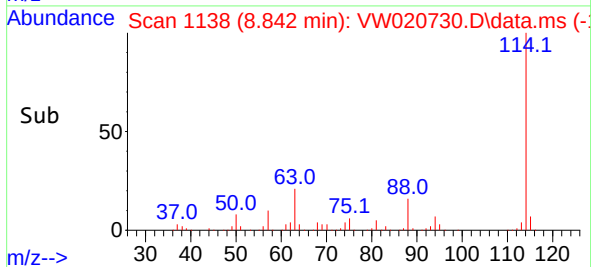
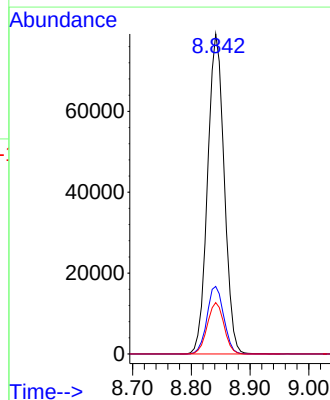
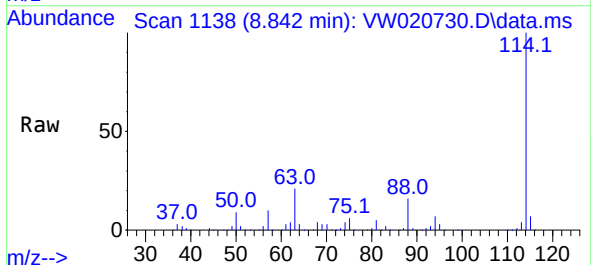
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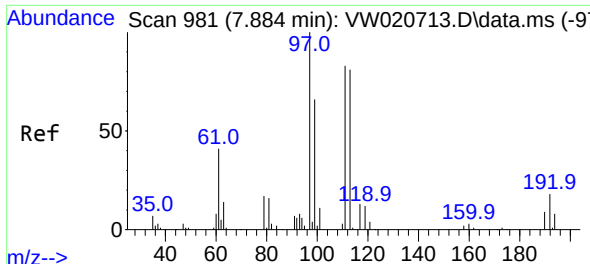
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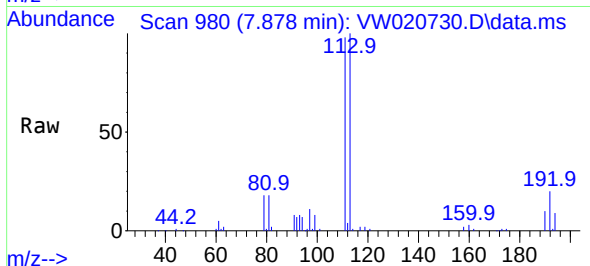
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. -0.000 min
 Lab File: VW020730.D
 Acq: 29 Oct 2021 16:57

Tgt Ion: 114 Resp: 155144
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 41.4
 88 16.0 0.0 32.8



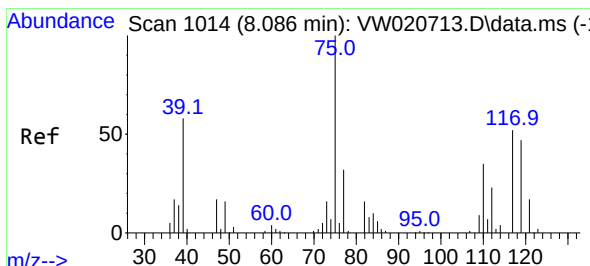
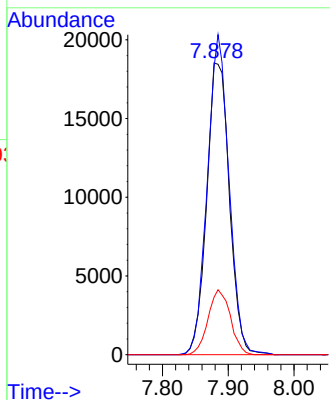
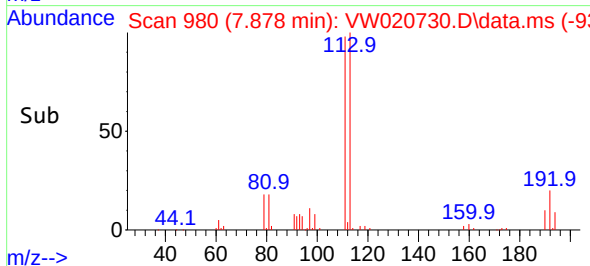


#35
Dibromofluoromethane
Concen: 49.128 ug/l
RT: 7.878 min Scan# 980
Delta R.T. -0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

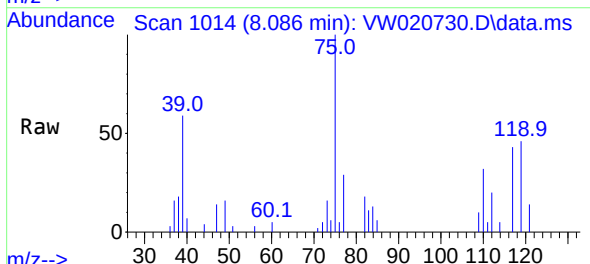


Tgt Ion: 113 Resp: 44712

Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.3	123.5
192	21.8	17.7	26.5

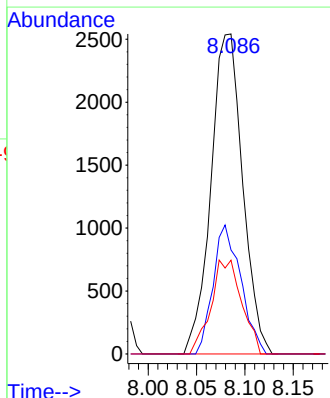
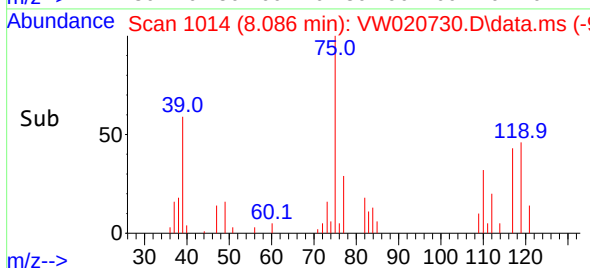


#36
1,1-Dichloropropene
Concen: 4.191 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



Tgt Ion: 75 Resp: 5801

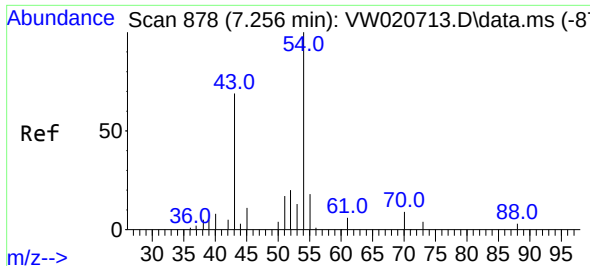
Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.3	52.0
77	28.4	24.8	37.2



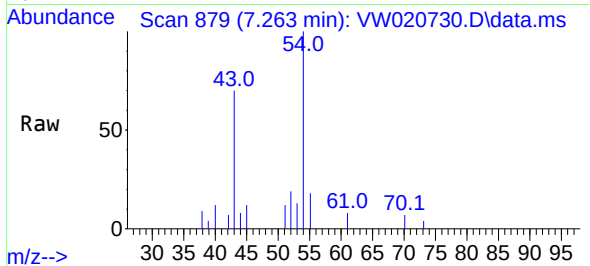
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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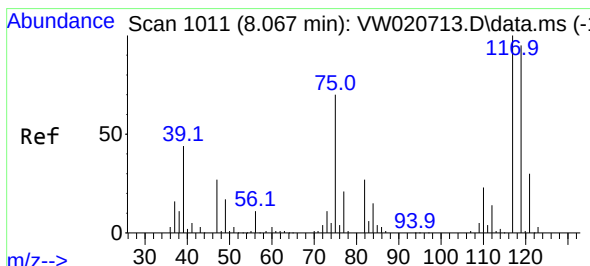
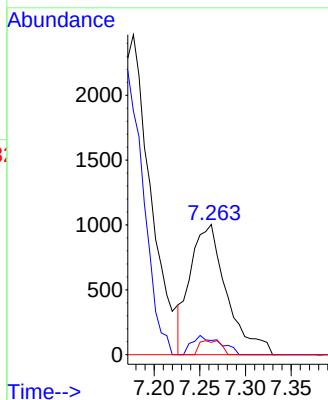
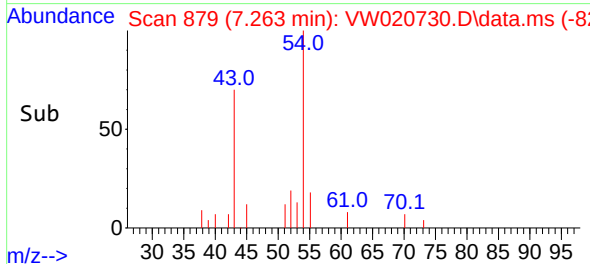


#37
Ethyl Acetate
Concen: 4.703 ug/l
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

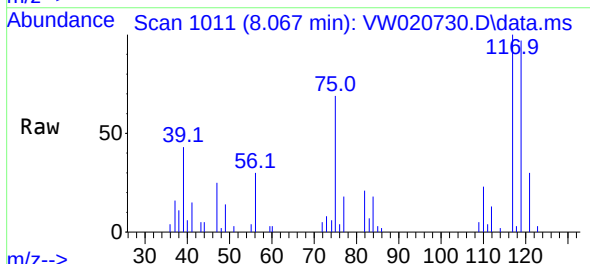


Tgt Ion: 43 Resp: 2778

Ion	Ratio	Lower	Upper
43	100		
61	11.4	11.0	16.4
70	6.3	8.6	13.0

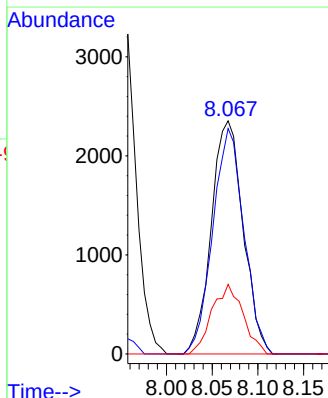
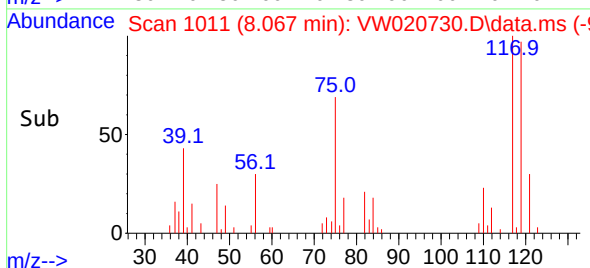


#38
Carbon Tetrachloride
Concen: 4.478 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



Tgt Ion: 117 Resp: 5707

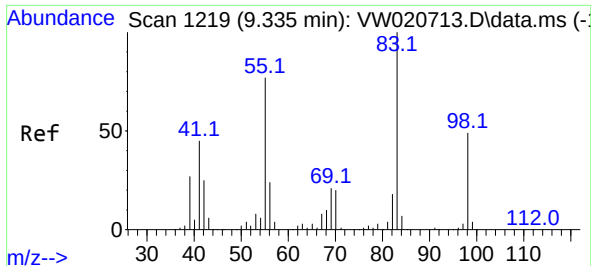
Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.1	114.1
121	29.9	24.2	36.4



Instrument :
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ClientSampleId :
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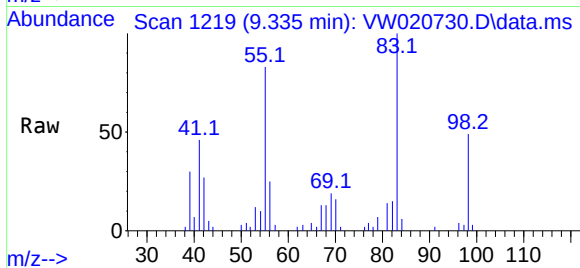
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#39
Methylcyclohexane
Concen: 4.005 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

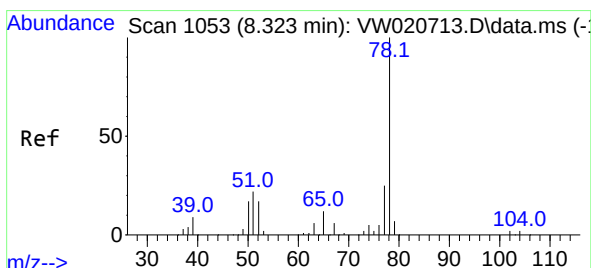
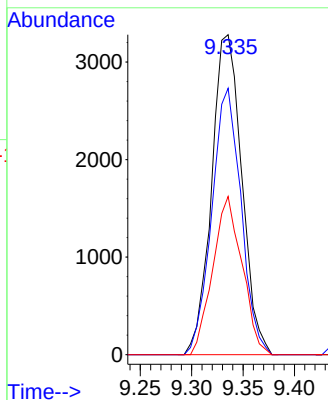
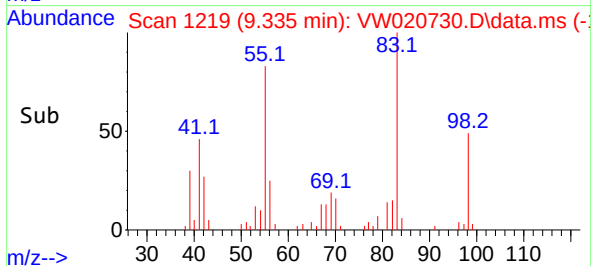
Instrument :
MSVOA_W
ClientSampleId :
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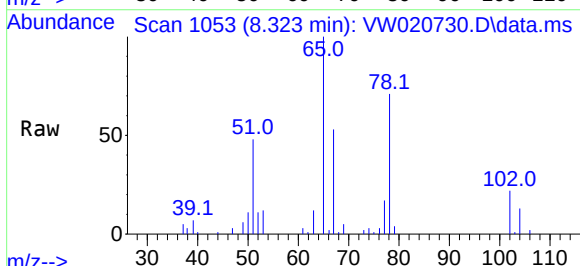
Tgt Ion:	83	Resp:	6698
Ion	Ratio	Lower	Upper
83	100		
55	83.3	61.6	92.4
98	49.5	39.0	58.6

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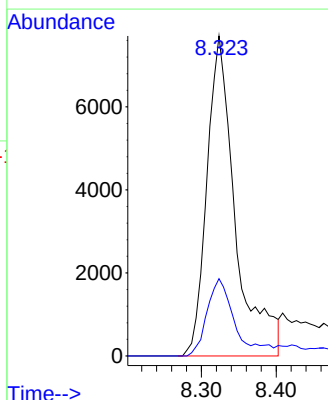
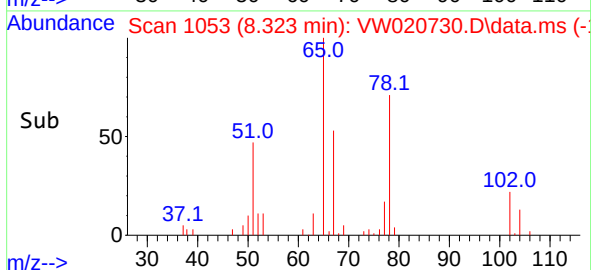
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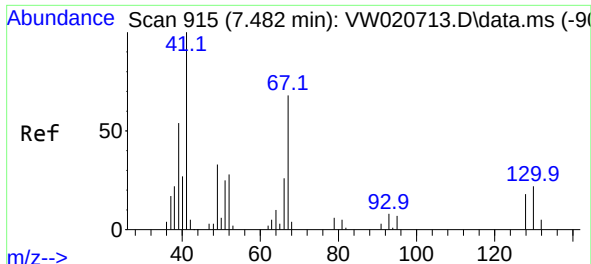


#40
Benzene
Concen: 5.146 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



Tgt Ion:	78	Resp:	20441
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.6	29.4





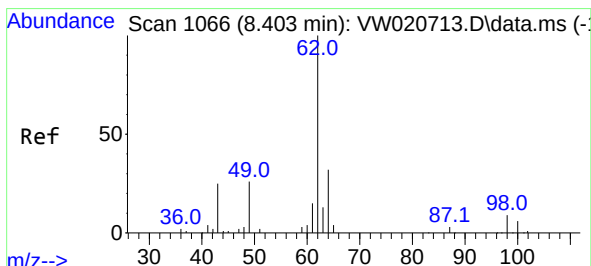
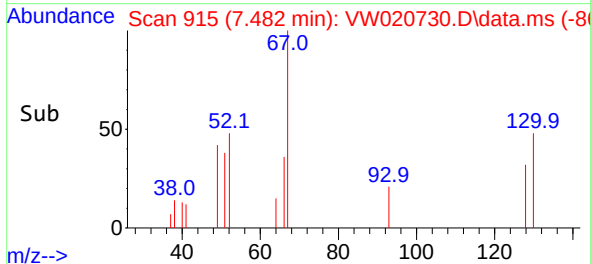
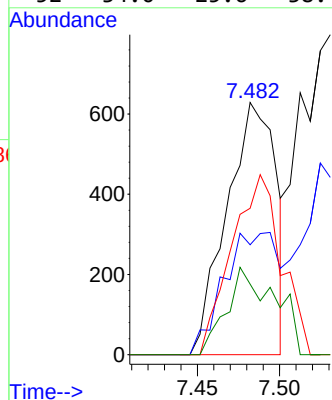
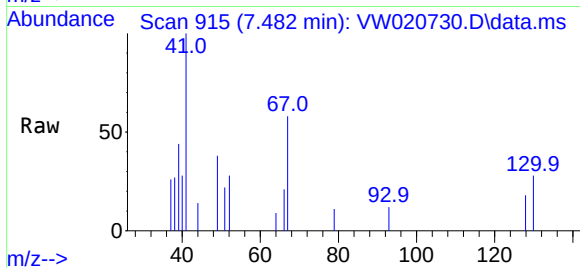
#41
Methacrylonitrile
Concen: 3.776 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion:	41	Resp:	1312
Ion	Ratio	Lower	Upper
41	100		
39	53.0	49.4	74.2
67	71.9	58.9	88.3
52	34.0	25.6	38.4

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

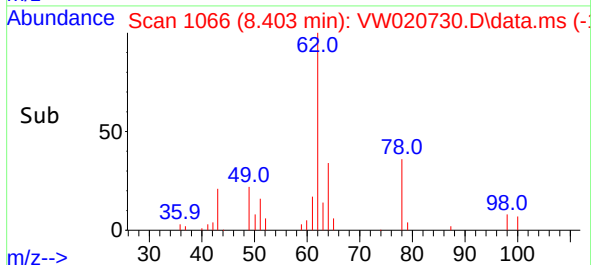
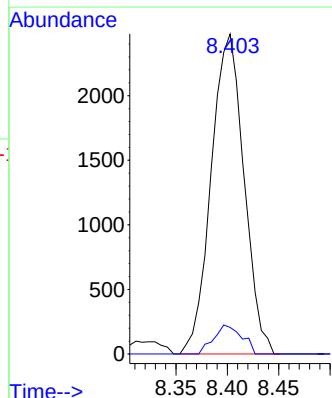
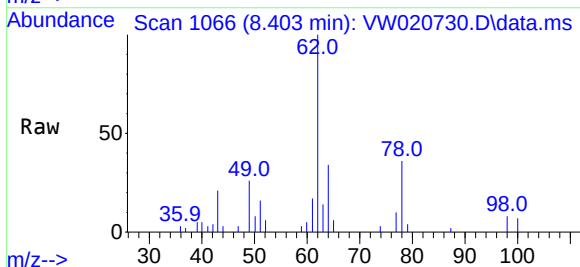
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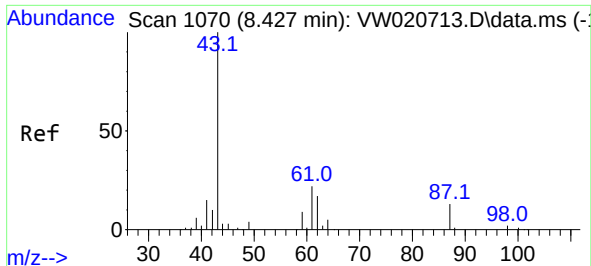
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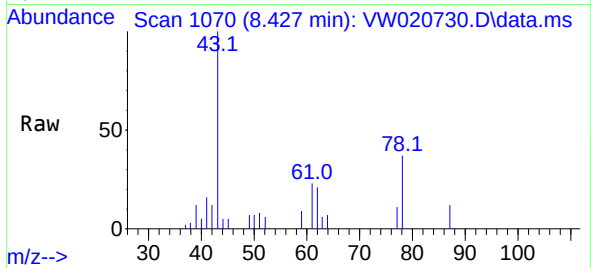
#42
1,2-Dichloroethane
Concen: 4.502 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion:	62	Resp:	5496
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	17.8



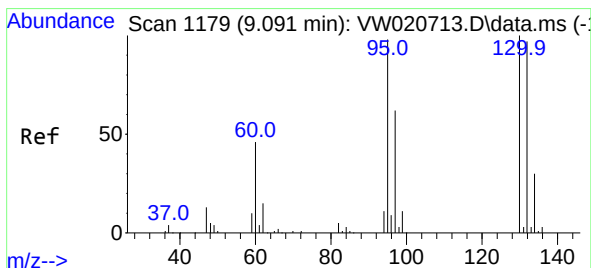
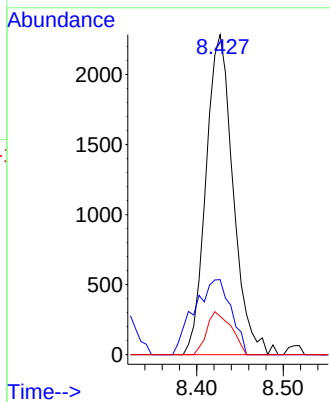
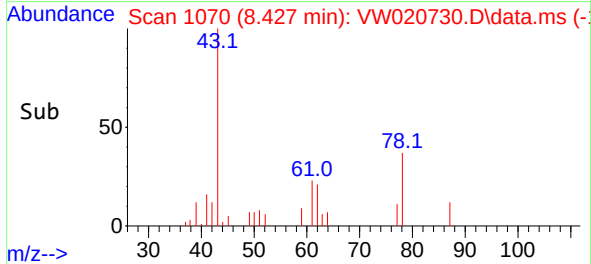


#43
Isopropyl Acetate
Concen: 4.399 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

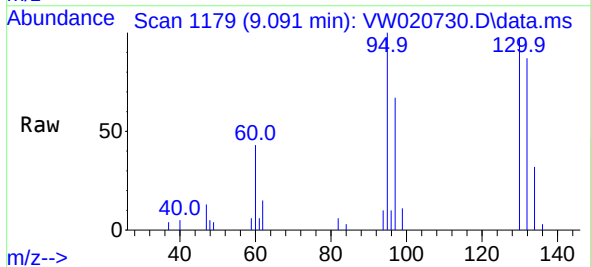


Tgt Ion: 43 Resp: 4977

Ion	Ratio	Lower	Upper
43	100		
61	31.9	24.1	36.1
87	12.1	10.5	15.7

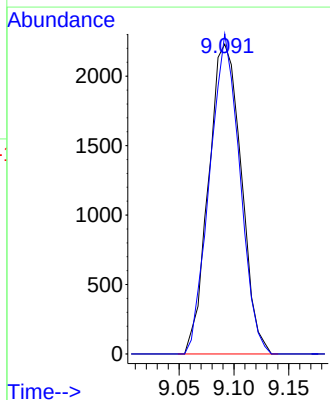
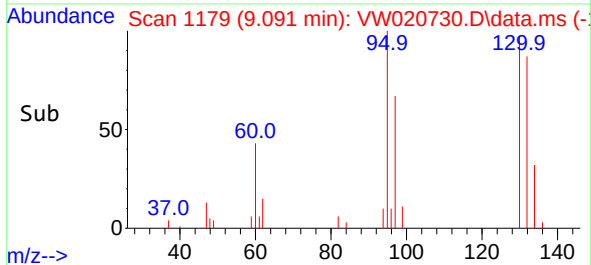


#44
Trichloroethene
Concen: 4.432 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



Tgt Ion: 130 Resp: 4625

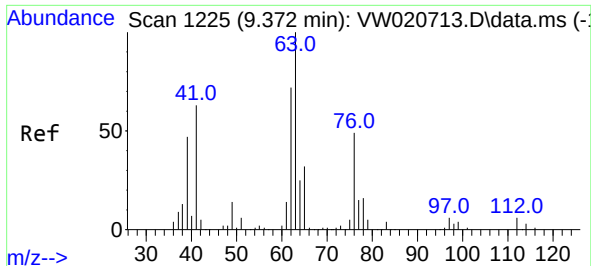
Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	196.2



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

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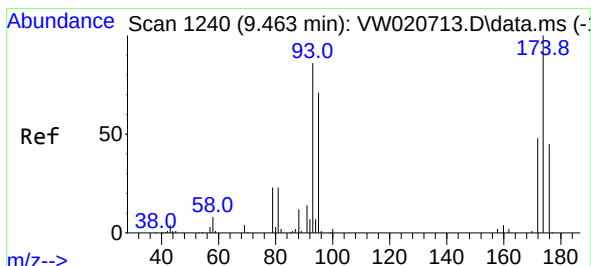
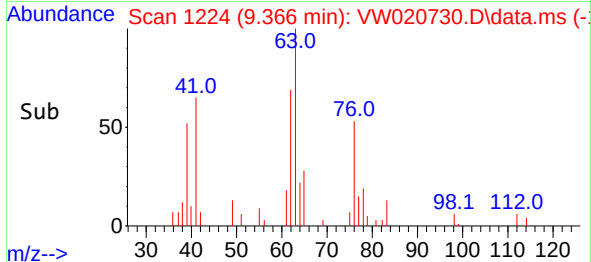
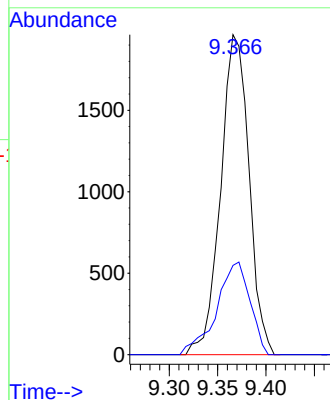
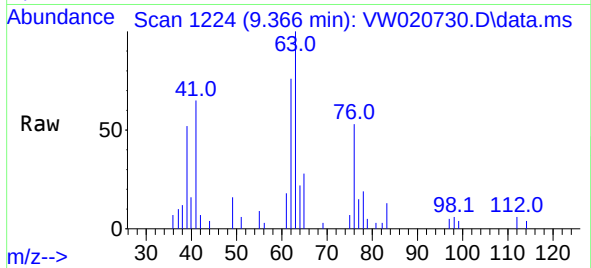
#45
1,2-Dichloropropane
Concen: 4.271 ug/l
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 63 Resp: 4002
Ion Ratio Lower Upper
63 100
65 27.9 25.2 37.8

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

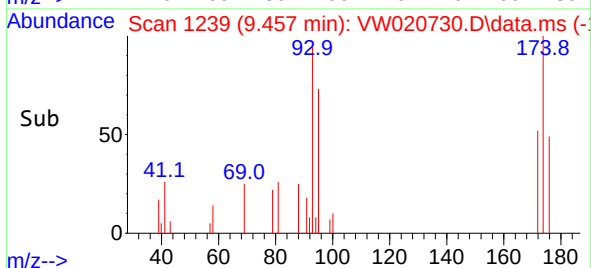
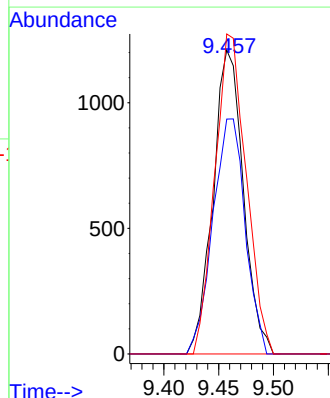
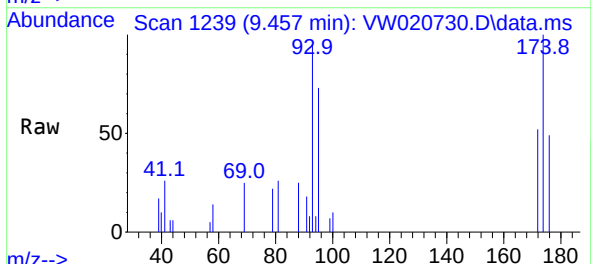
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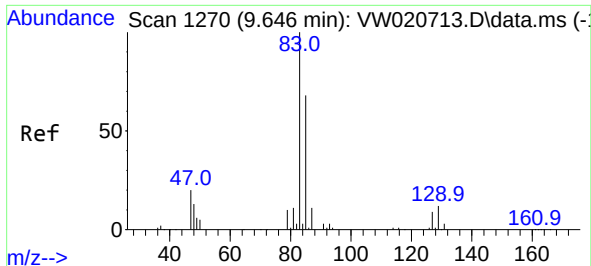
MMDadoda
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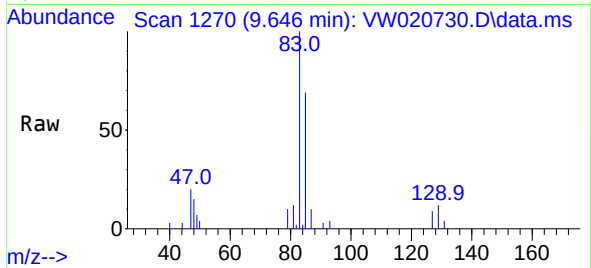
#46
Dibromomethane
Concen: 4.569 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 93 Resp: 2326
Ion Ratio Lower Upper
93 100
95 82.4 66.7 100.1
174 108.9 90.4 135.6

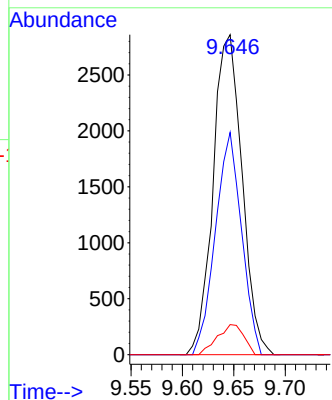




#47
Bromodichloromethane
Concen: 4.329 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



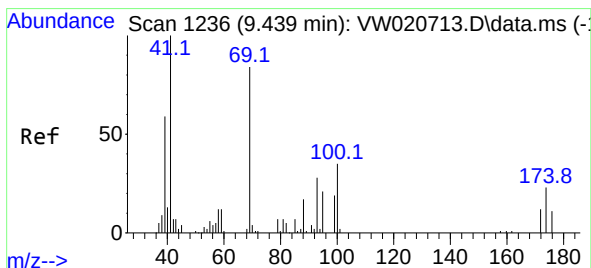
Tgt Ion:	83	Resp:	5594
Ion	Ratio	Lower	Upper
83	100		
85	69.4	54.0	81.0
127	9.4	7.0	10.6



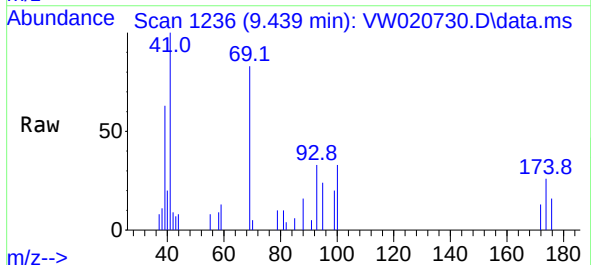
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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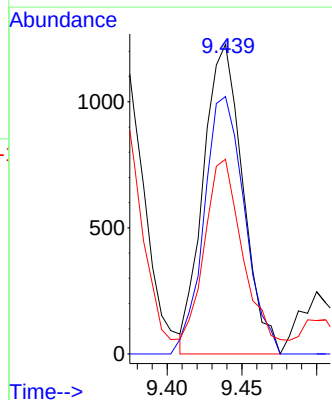
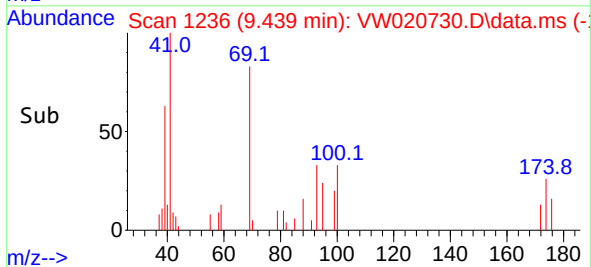
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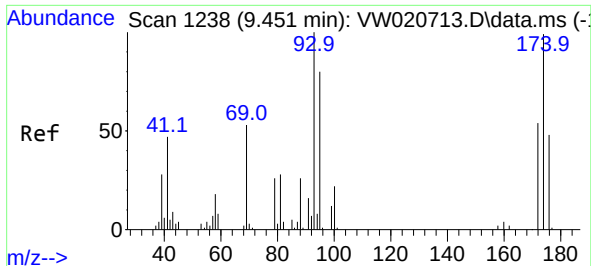


#48
Methyl methacrylate
Concen: 4.072 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



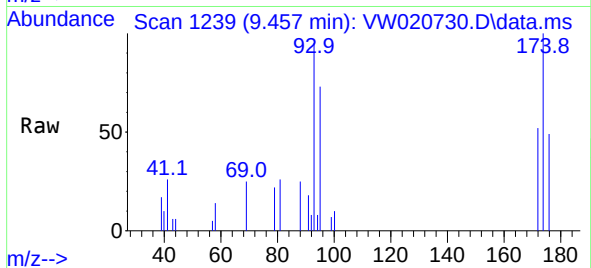
Tgt Ion:	41	Resp:	2256
Ion	Ratio	Lower	Upper
41	100		
69	85.3	67.4	101.0
39	57.1	47.2	70.8





#49
1,4-Dioxane
Concen: 86.082 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

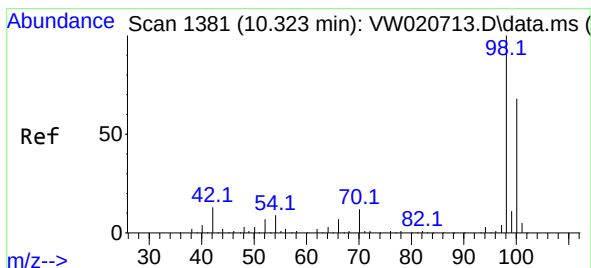
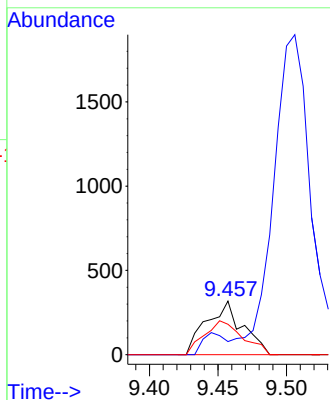
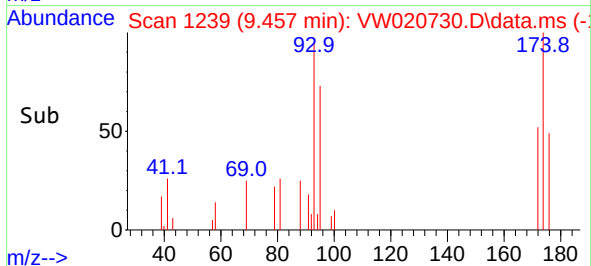
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



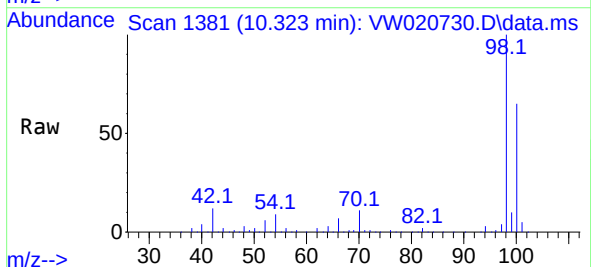
Tgt Ion: 88 Resp: 581
Ion Ratio Lower Upper
88 100
43 26.0 29.1 43.7#
58 67.0 58.6 88.0

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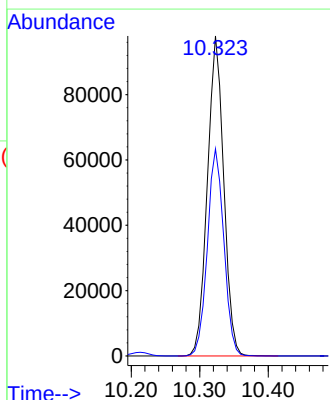
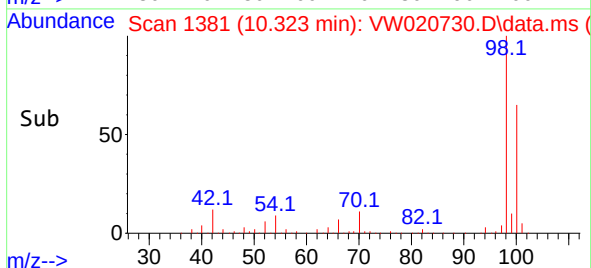
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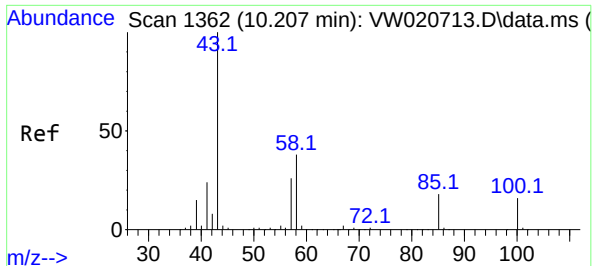


#50
Toluene-d8
Concen: 47.543 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



Tgt Ion: 98 Resp: 162382
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4





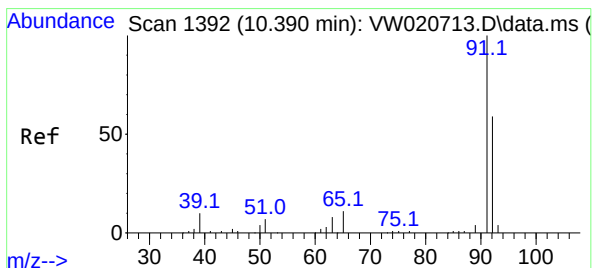
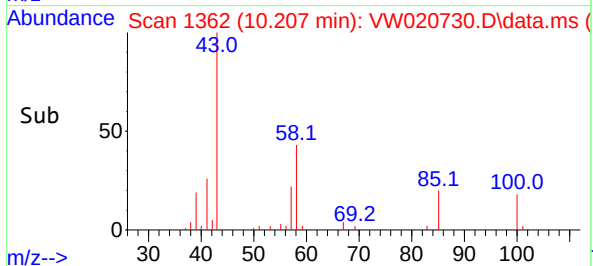
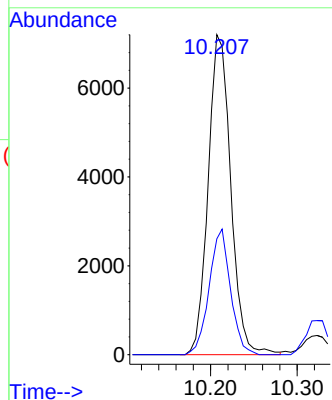
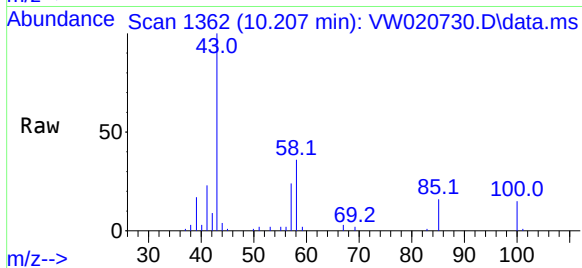
#51
4-Methyl-2-Pentanone
Concen: 22.081 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 43 Resp: 13068
Ion Ratio Lower Upper
43 100
58 37.0 31.0 46.4

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

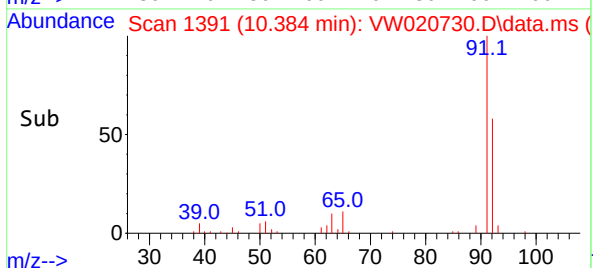
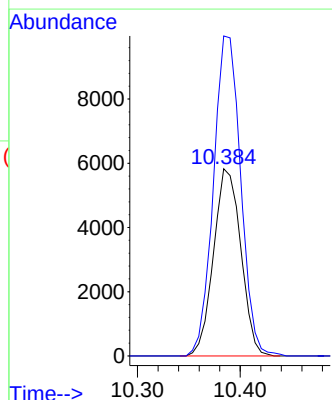
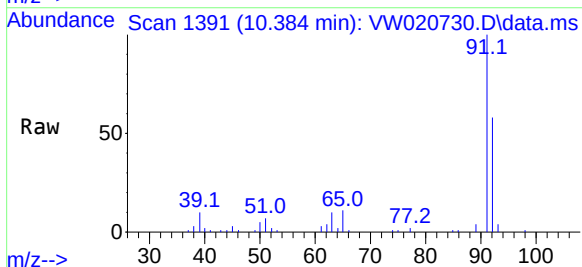
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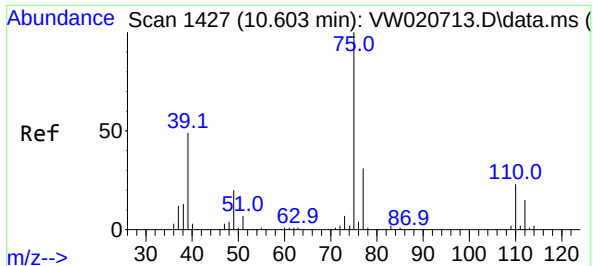
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#52
Toluene
Concen: 4.419 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 92 Resp: 10730
Ion Ratio Lower Upper
92 100
91 171.0 135.4 203.2





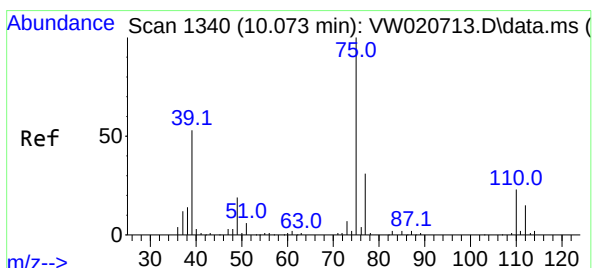
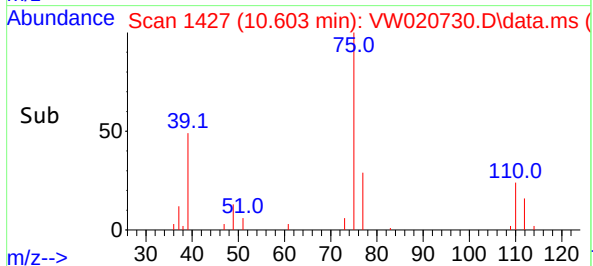
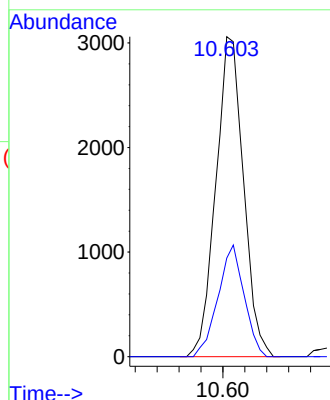
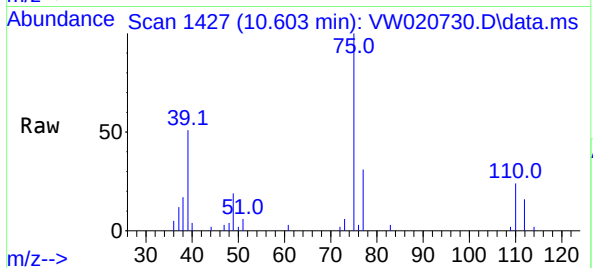
#53
t-1,3-Dichloropropene
Concen: 4.111 ug/l
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 75 Resp: 5352
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.6

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

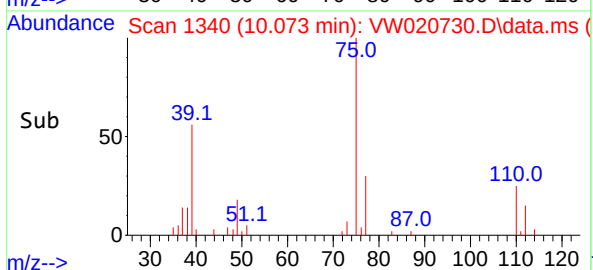
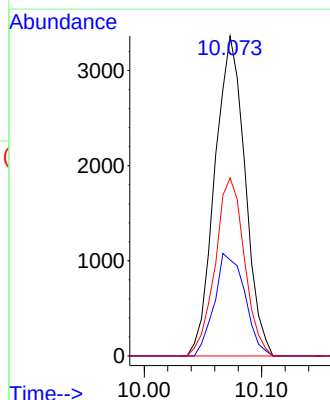
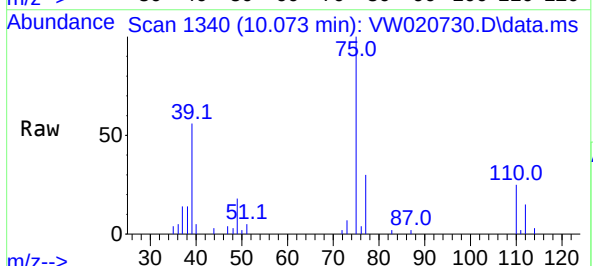
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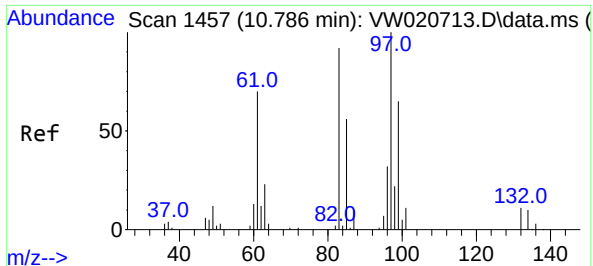
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#54
cis-1,3-Dichloropropene
Concen: 4.018 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 75 Resp: 6018
Ion Ratio Lower Upper
75 100
77 30.0 24.9 37.3
39 55.6 42.6 63.8





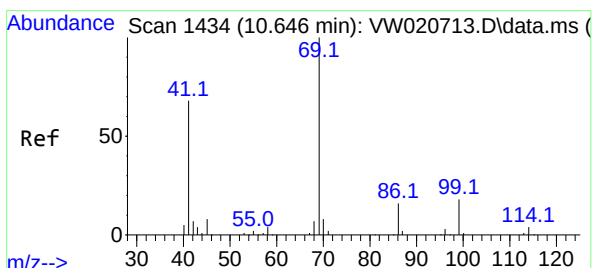
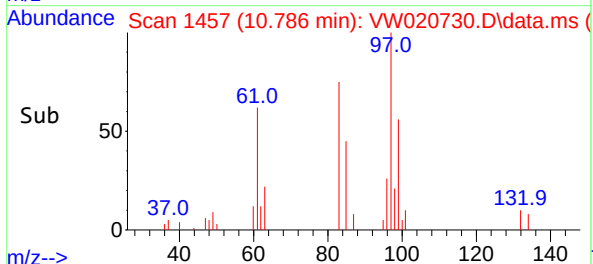
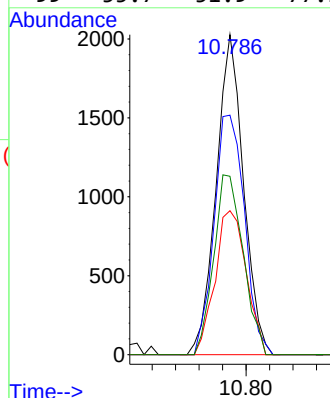
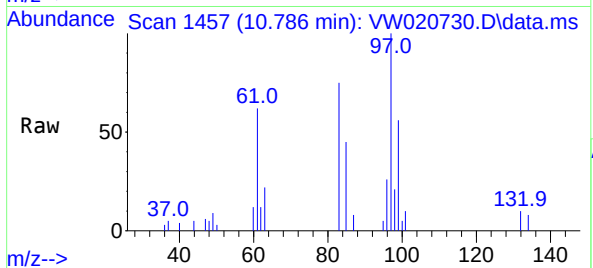
#55
1,1,2-Trichloroethane
Concen: 4.619 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 97	Resp: 3280
Ion Ratio	Lower Upper
97 100	
83 74.8	73.9 110.9
85 45.0	44.8 67.2
99 55.7	51.9 77.9

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

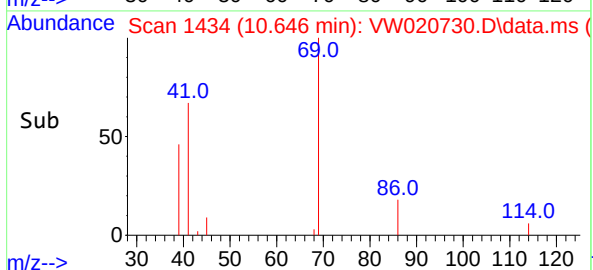
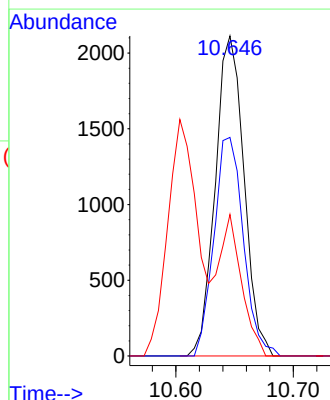
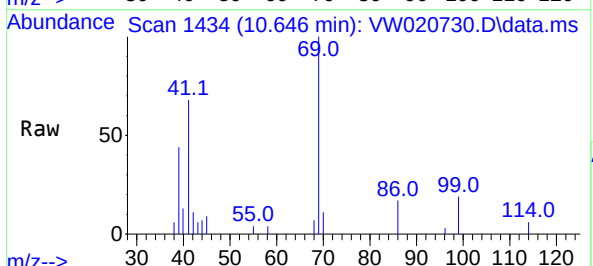
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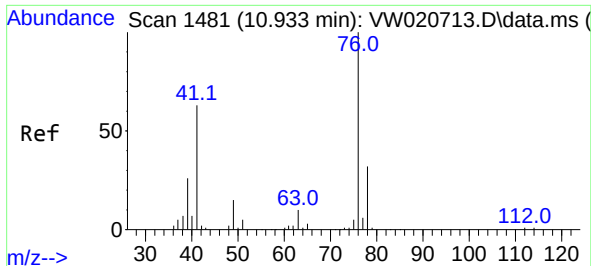
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#56
Ethyl methacrylate
Concen: 4.051 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 69	Resp: 3593
Ion Ratio	Lower Upper
69 100	
41 70.0	55.5 83.3
39 36.0	29.6 44.4





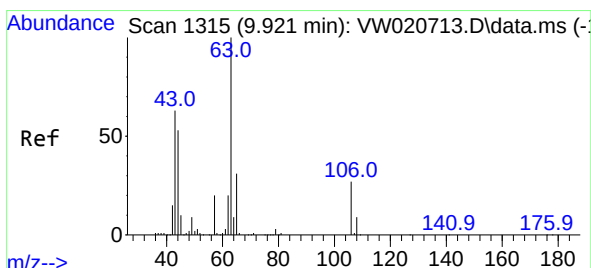
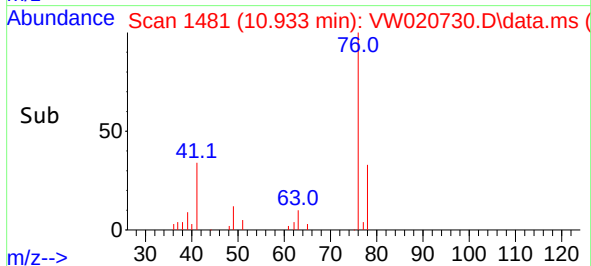
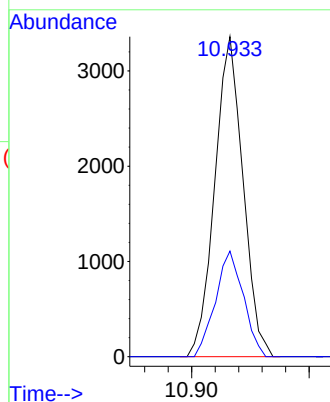
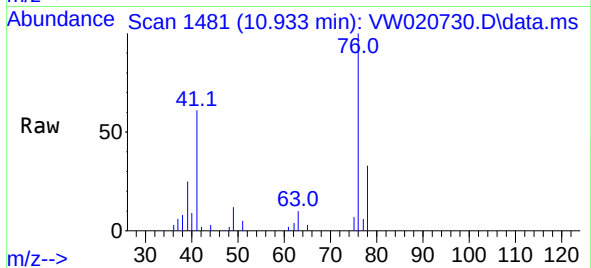
#57
1,3-Dichloropropane
Concen: 4.525 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 76 Resp: 5605
Ion Ratio Lower Upper
76 100
78 32.6 25.7 38.5

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

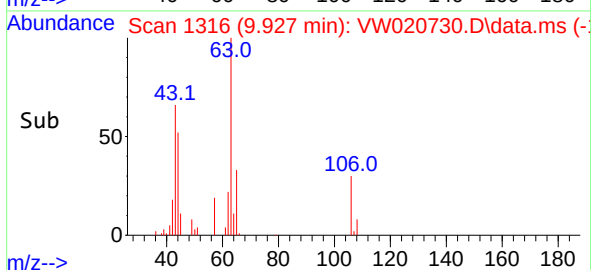
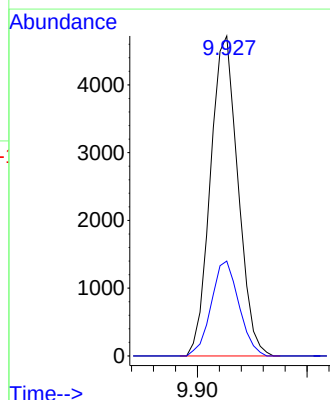
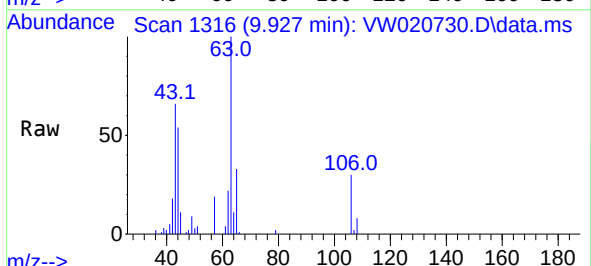
Manual Integrations
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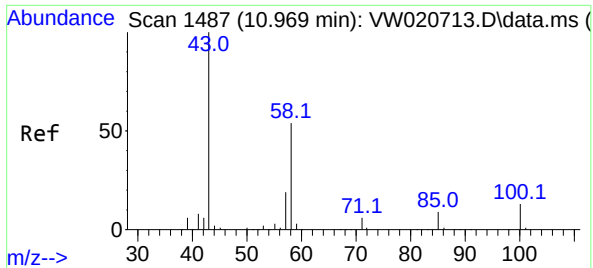
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#58
2-Chloroethyl Vinyl ether
Concen: 19.552 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 63 Resp: 8224
Ion Ratio Lower Upper
63 100
106 29.8 23.1 34.7





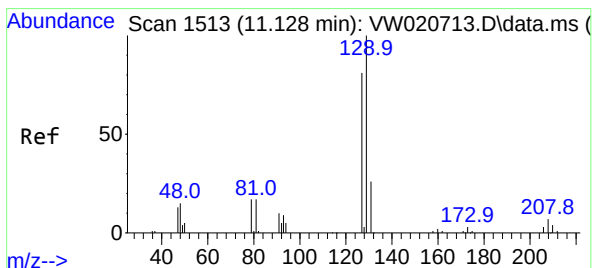
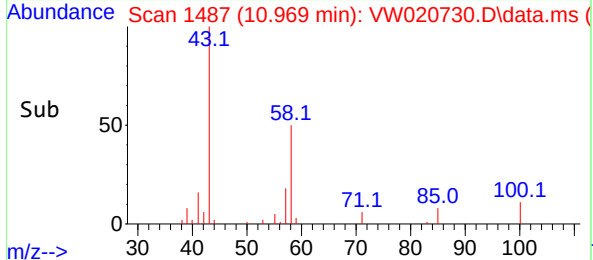
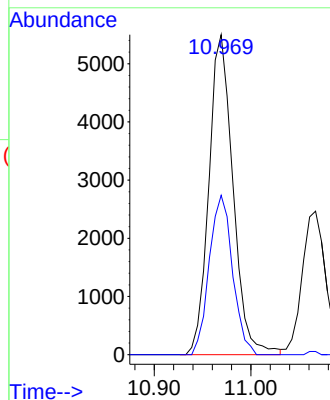
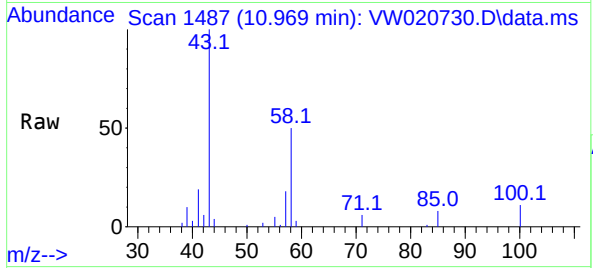
#59
2-Hexanone
Concen: 22.829 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 43 Resp: 9555
Ion Ratio Lower Upper
43 100
58 47.9 26.7 80.0

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

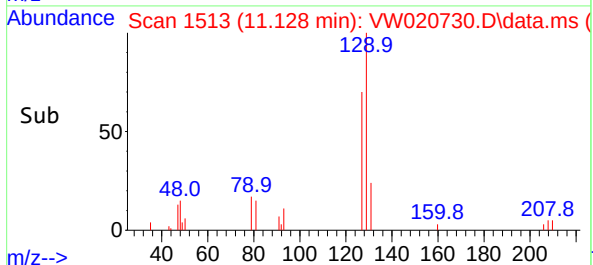
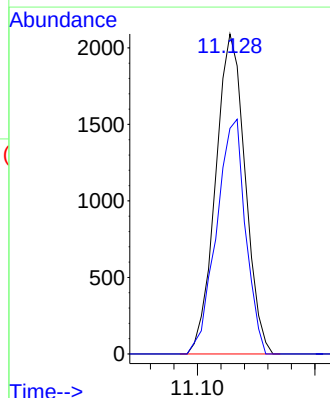
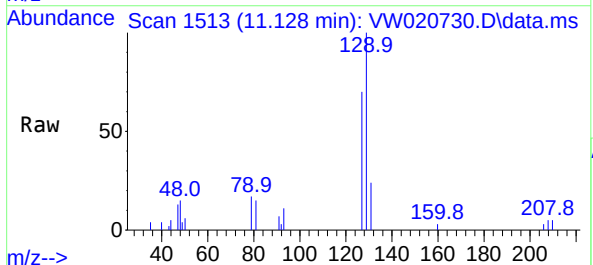
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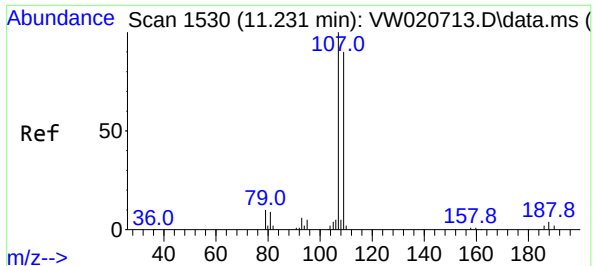
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#60
Dibromochloromethane
Concen: 4.310 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

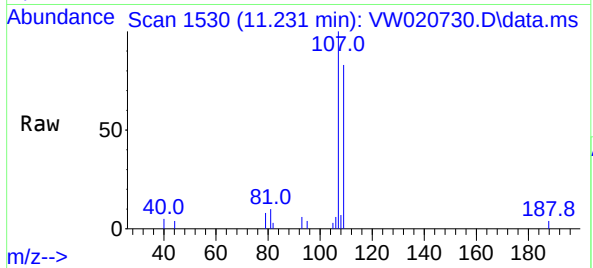
Tgt Ion:129 Resp: 3658
Ion Ratio Lower Upper
129 100
127 72.0 39.3 117.9





#61
1,2-Dibromoethane
Concen: 4.426 ug/l
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

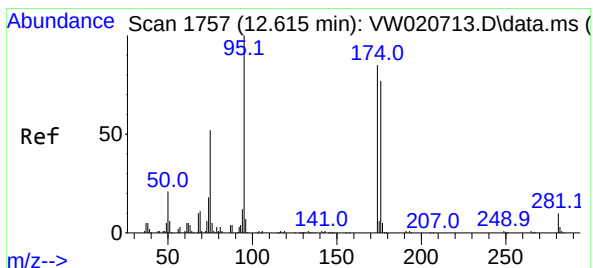
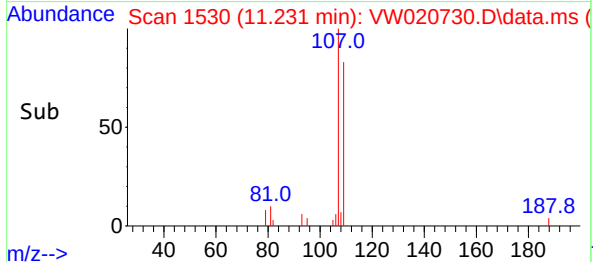
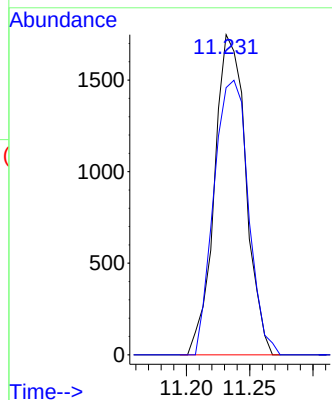
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



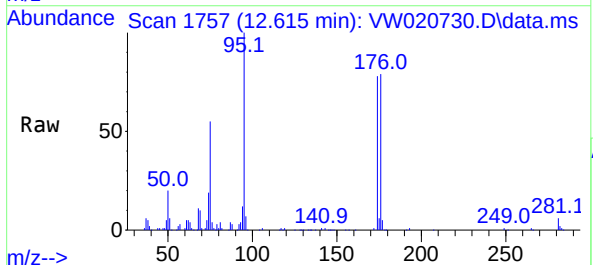
Tgt Ion:107 Resp: 3008
Ion Ratio Lower Upper
107 100
109 94.2 74.9 112.3

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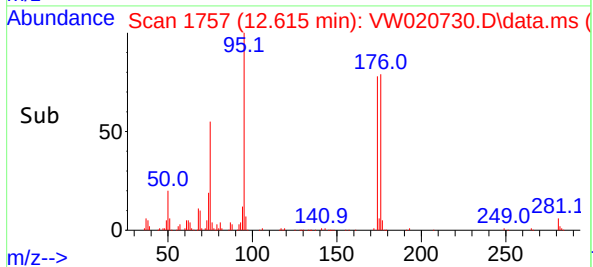
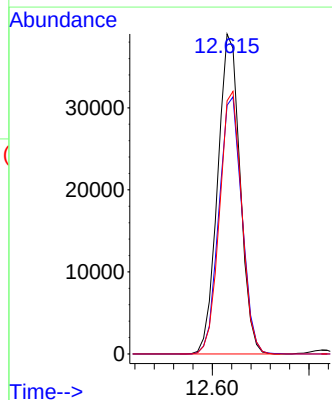
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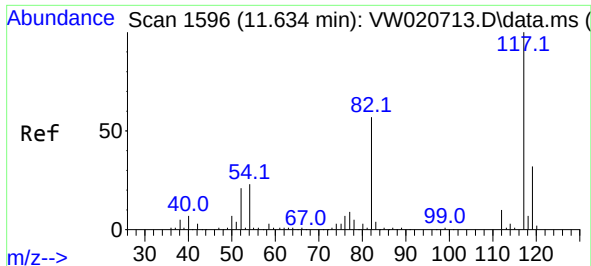


#62
4-Bromofluorobenzene
Concen: 48.593 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



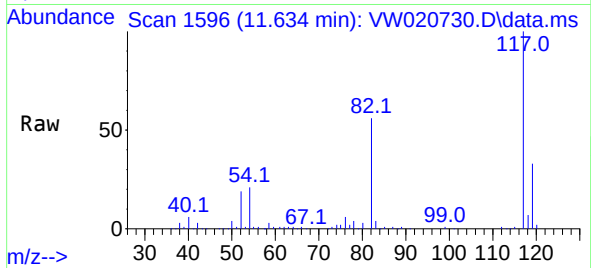
Tgt Ion: 95 Resp: 62613
Ion Ratio Lower Upper
95 100
174 82.1 0.0 171.0
176 81.1 0.0 165.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

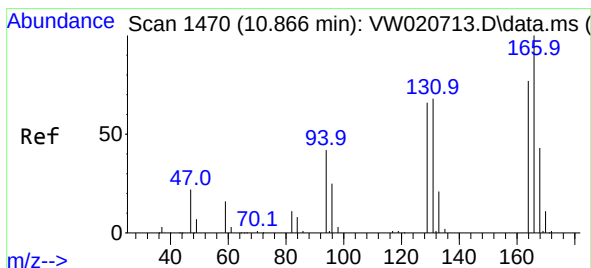
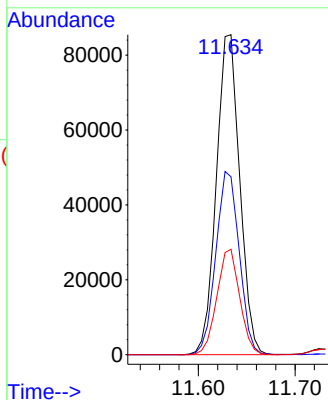
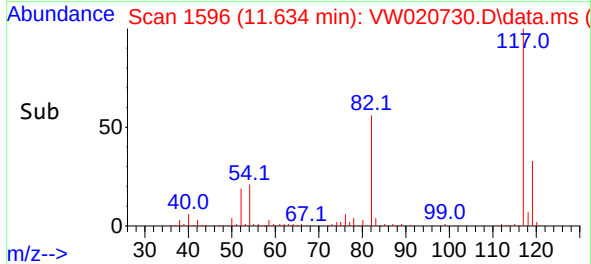
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



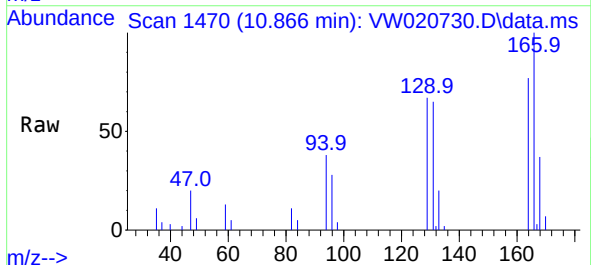
Tgt Ion:117 Resp: 143728
Ion Ratio Lower Upper
117 100
82 55.6 45.7 68.5
119 33.0 25.4 38.2

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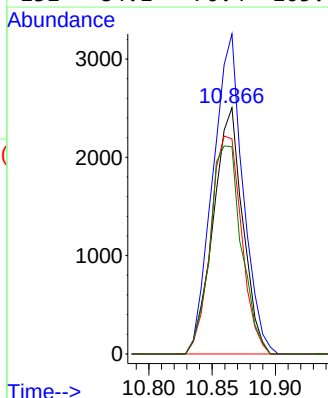
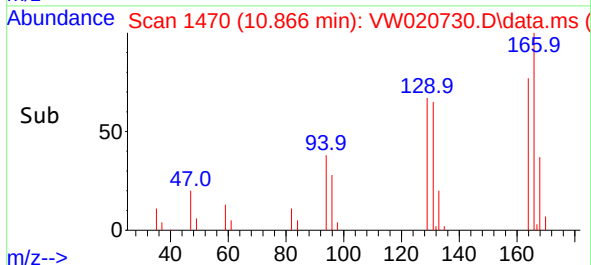
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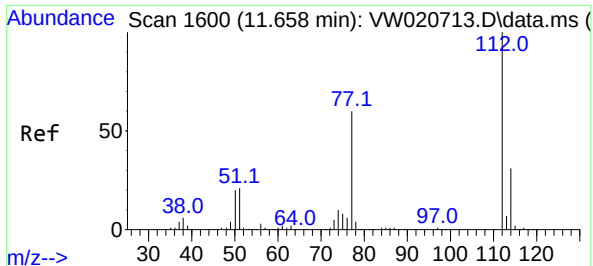


#64
Tetrachloroethene
Concen: 4.428 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



Tgt Ion:164 Resp: 4053
Ion Ratio Lower Upper
164 100
166 130.0 104.1 156.1
129 87.3 68.5 102.7
131 84.1 70.4 105.6





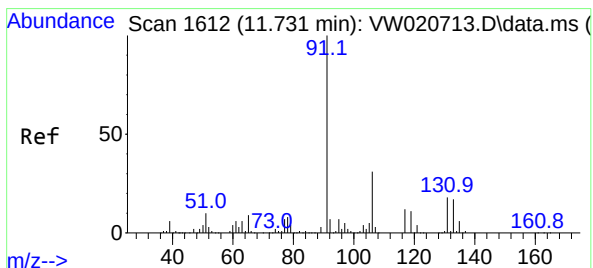
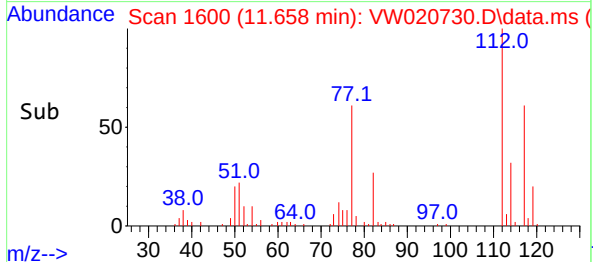
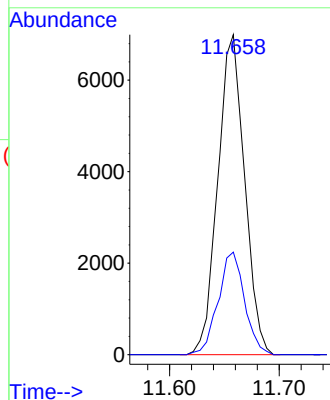
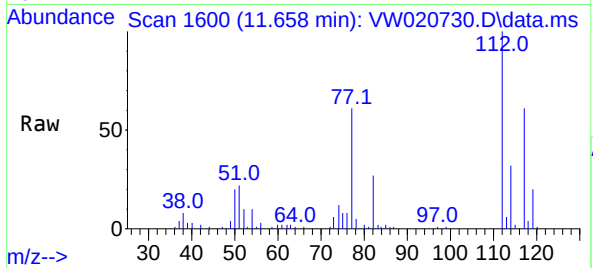
#65
Chlorobenzene
Concen: 4.548 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion:112 Resp: 11853
Ion Ratio Lower Upper
112 100
114 32.1 25.2 37.8

Instrument :
MSVOA_W
ClientSampleId :
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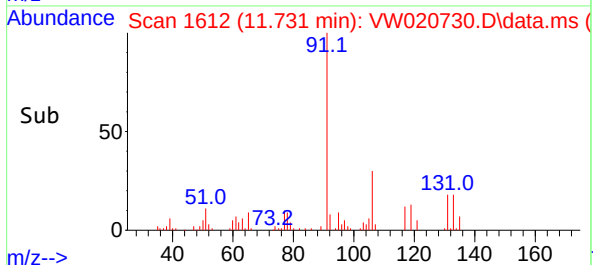
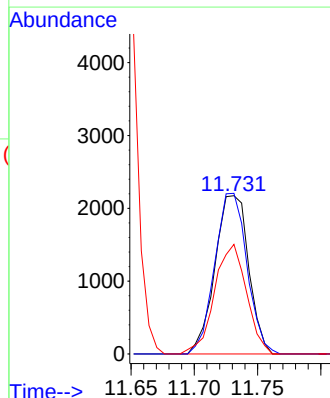
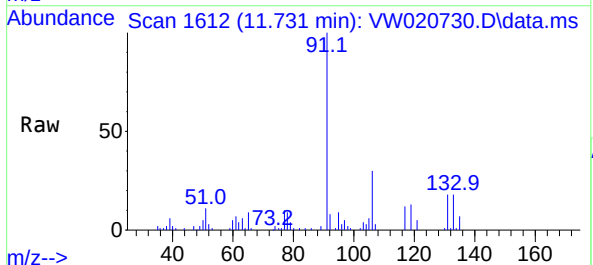
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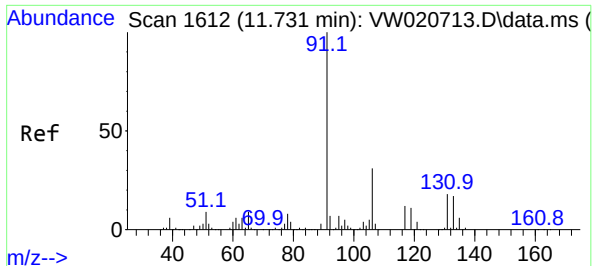
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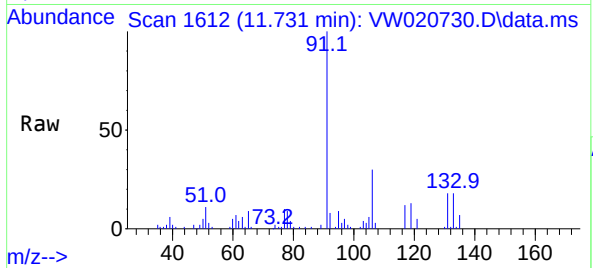
#66
1,1,1,2-Tetrachloroethane
Concen: 4.234 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion:131 Resp: 4022
Ion Ratio Lower Upper
131 100
133 97.4 48.3 144.8
119 65.9 31.7 95.1

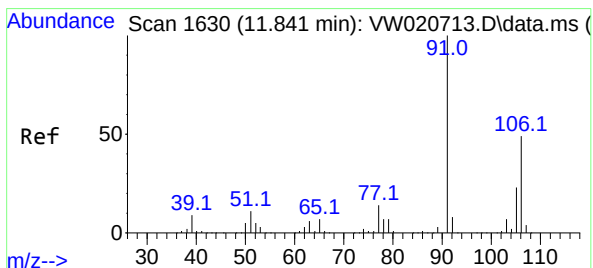
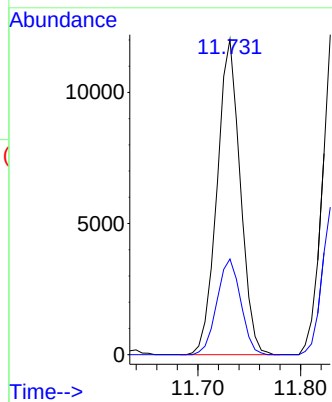
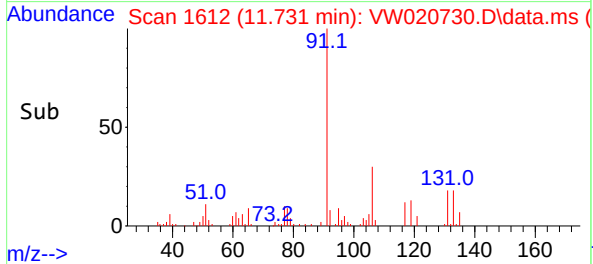




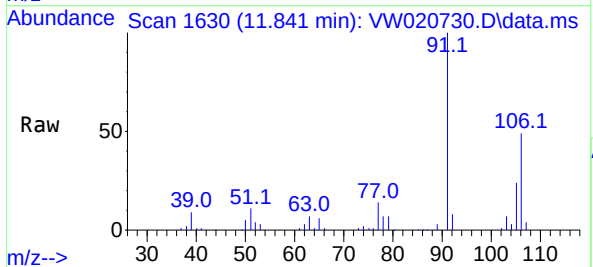
#67
Ethyl Benzene
Concen: 3.988 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



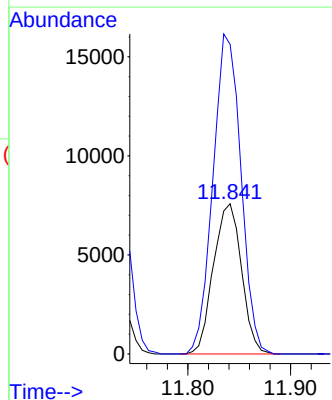
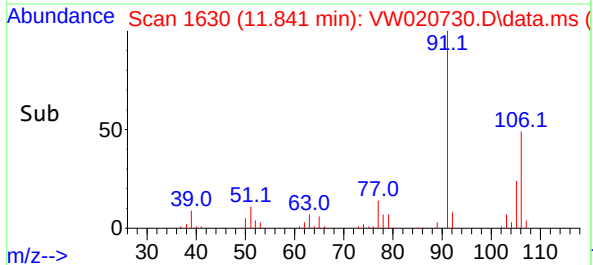
Tgt Ion: 91 Resp: 18828
Ion Ratio Lower Upper
91 100
106 30.3 24.5 36.7



#68
m/p-Xylenes
Concen: 7.857 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



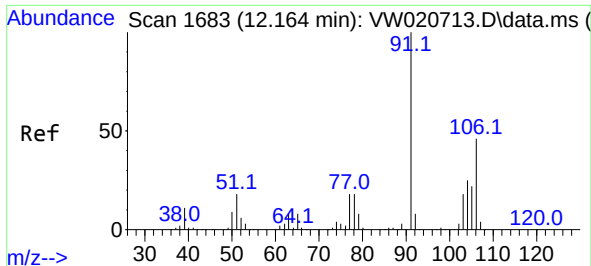
Tgt Ion: 106 Resp: 14370
Ion Ratio Lower Upper
106 100
91 212.3 163.8 245.8



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

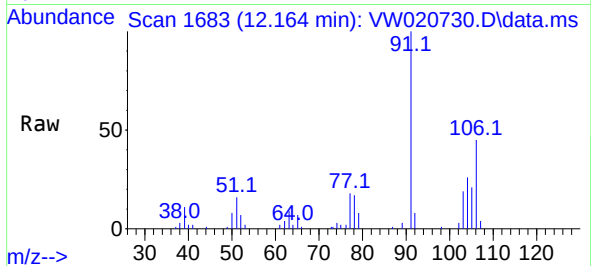
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#69
o-Xylene
Concen: 3.921 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

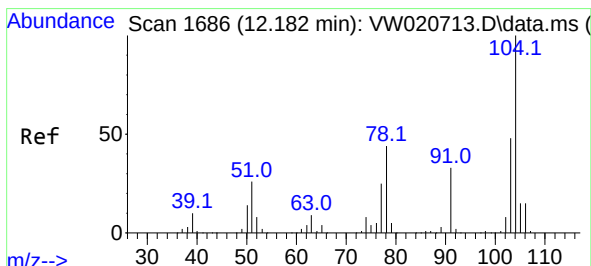
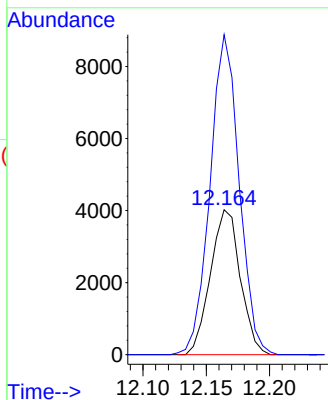
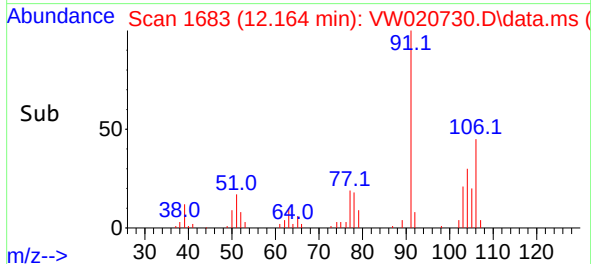
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



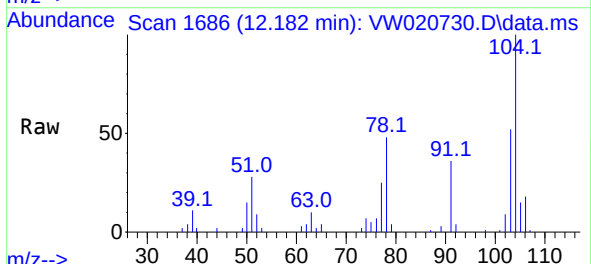
Tgt Ion:106 Resp: 6600
Ion Ratio Lower Upper
106 100
91 215.0 109.3 327.9

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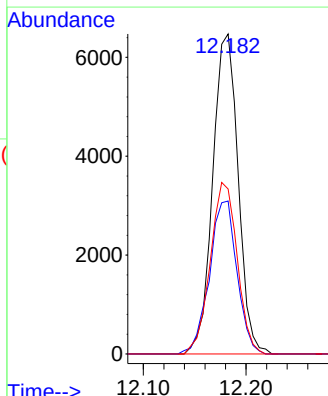
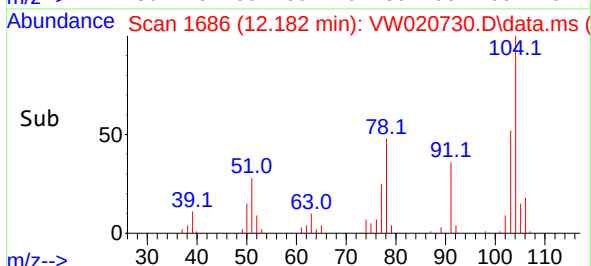
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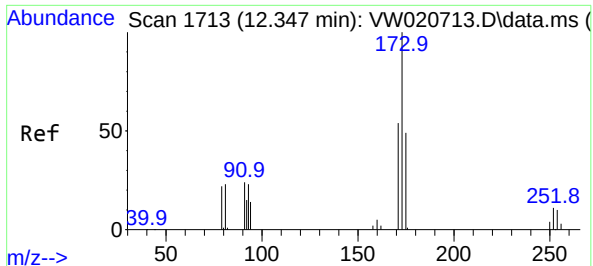


#70
Styrene
Concen: 3.849 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

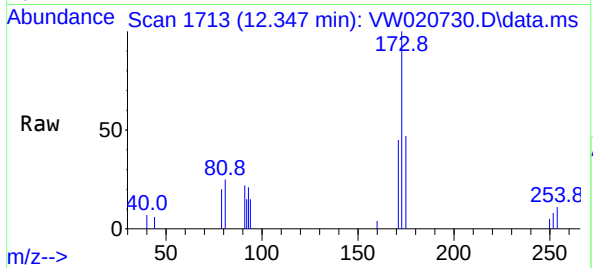


Tgt Ion:104 Resp: 11106
Ion Ratio Lower Upper
104 100
78 51.8 41.5 62.3
103 56.8 43.4 65.2

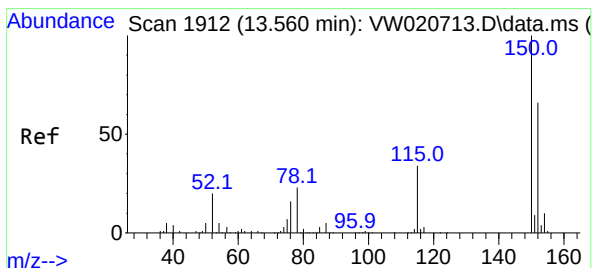
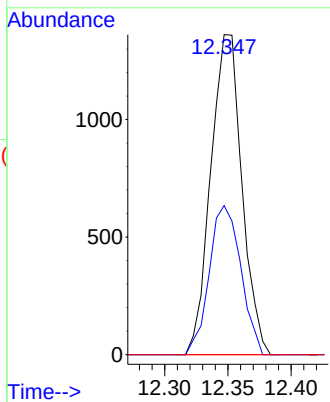
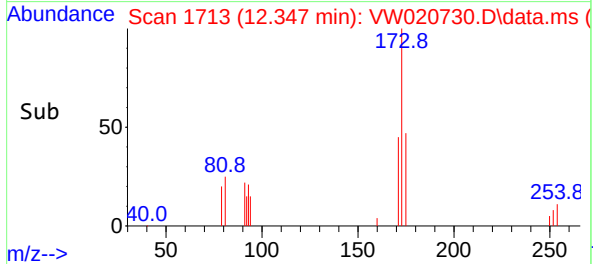




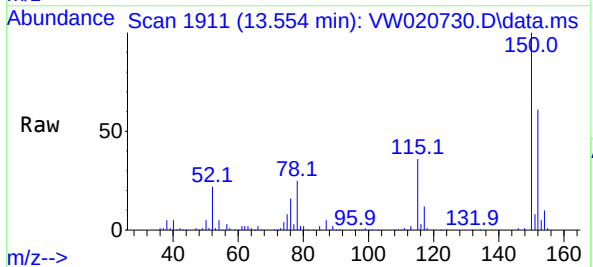
#71
Bromoform
Concen: 4.490 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



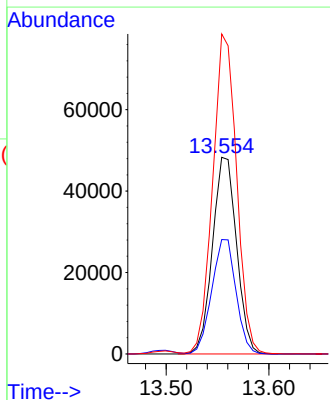
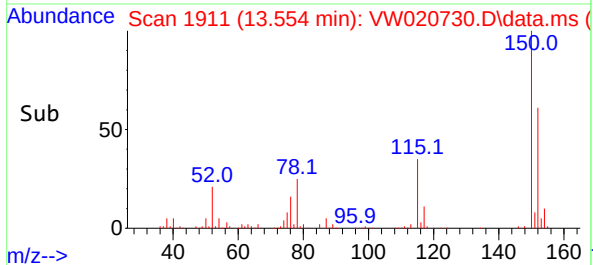
Tgt Ion:173 Resp: 2331
Ion Ratio Lower Upper
173 100
175 47.2 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



Tgt Ion:152 Resp: 78638
Ion Ratio Lower Upper
152 100
115 58.6 28.7 86.3
150 161.2 0.0 342.2

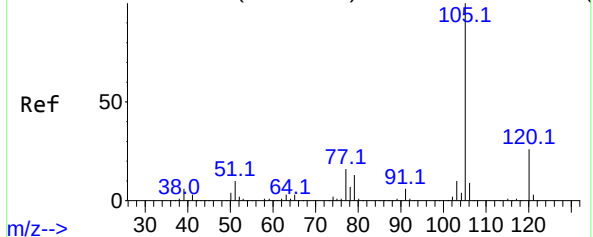


Instrument :
MSVOA_W
ClientSampleId :
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Abundance Scan 1732 (12.463 min): VW020713.D\data.ms (



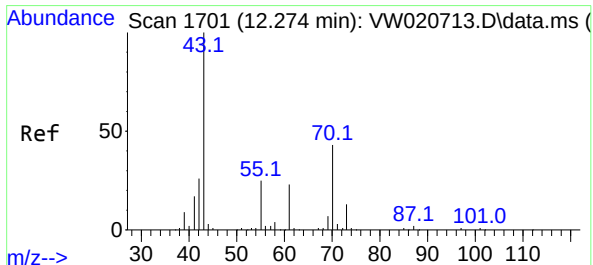
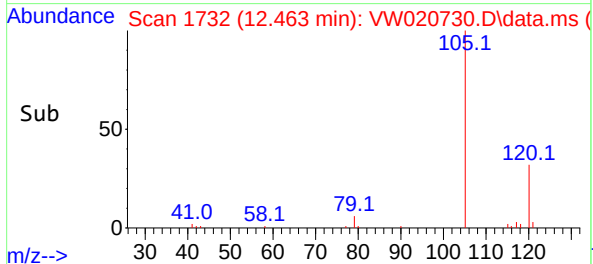
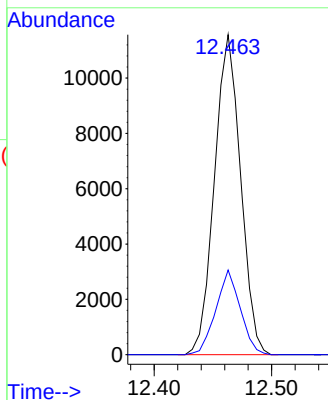
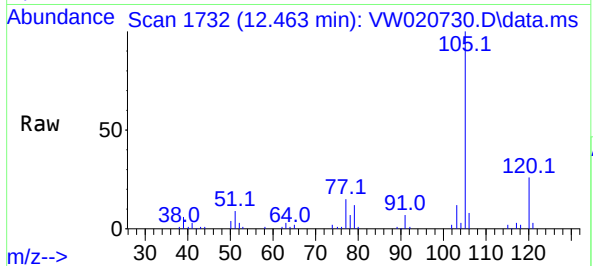
#73
Isopropylbenzene
Concen: 3.769 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 105 Resp: 17894
Ion Ratio Lower Upper
105 100
120 24.8 12.8 38.3

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

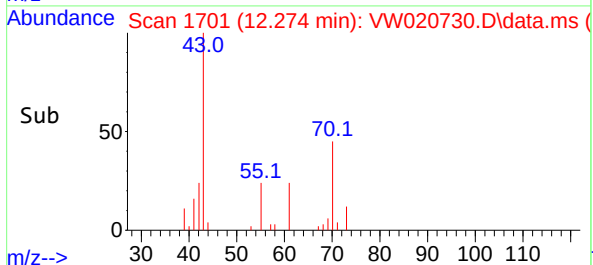
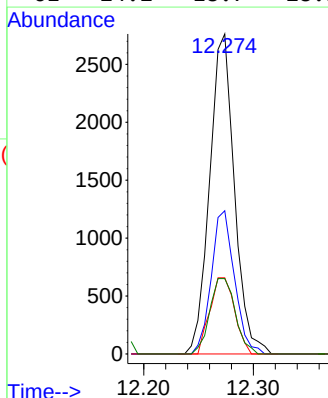
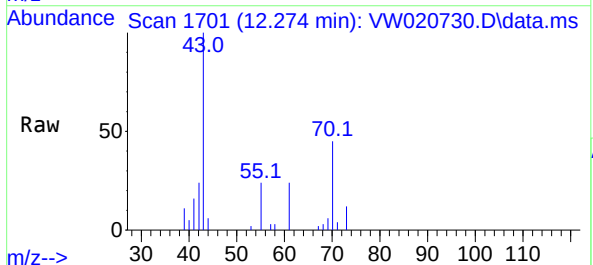
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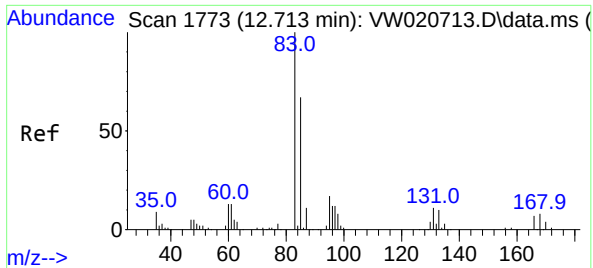
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#74
N-ethyl acetate
Concen: 3.996 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 43 Resp: 4345
Ion Ratio Lower Upper
43 100
70 42.0 34.3 51.5
55 23.6 20.0 30.0
61 24.2 18.7 28.1





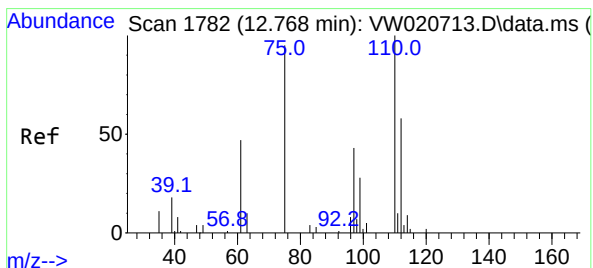
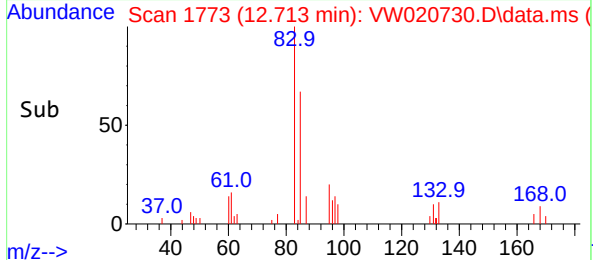
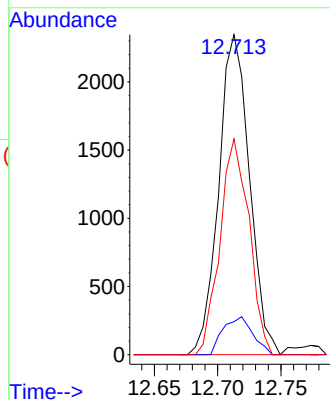
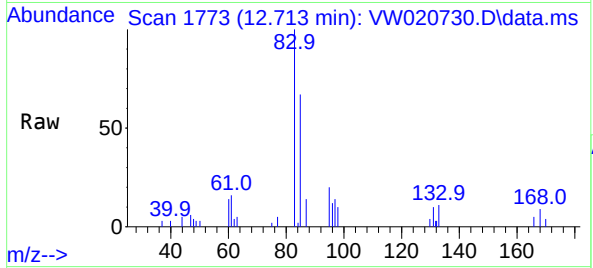
#75
1,1,2,2-Tetrachloroethane
Concen: 4.735 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion:	83	Resp:	3965
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.7	17.1
85	63.8	32.5	97.5

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

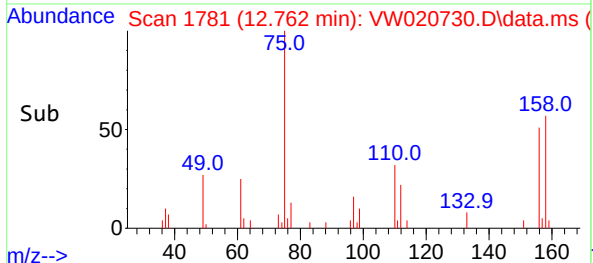
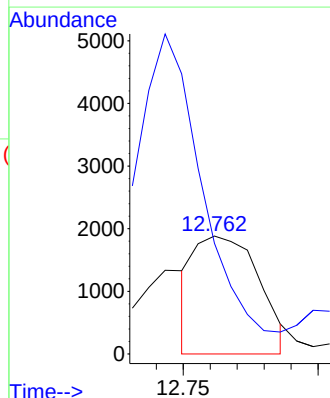
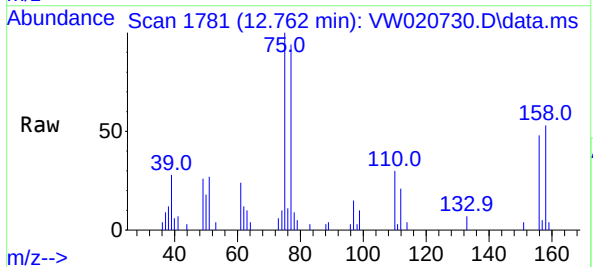
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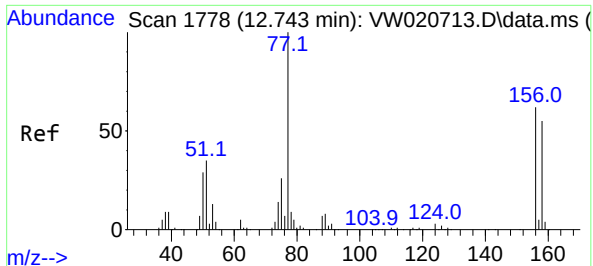
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#76
1,2,3-Trichloropropane
Concen: 4.664 ug/l m
RT: 12.762 min Scan# 1781
Delta R.T. -0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion:	75	Resp:	3144
Ion Ratio	Lower	Upper	
75	100		
77	293.9	0.0	0.0#





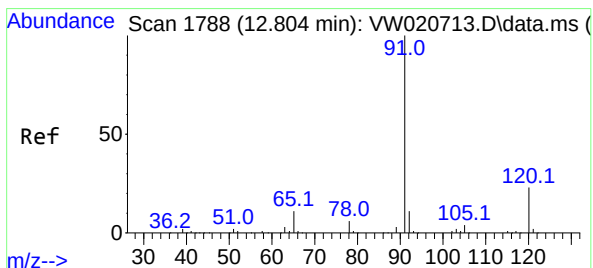
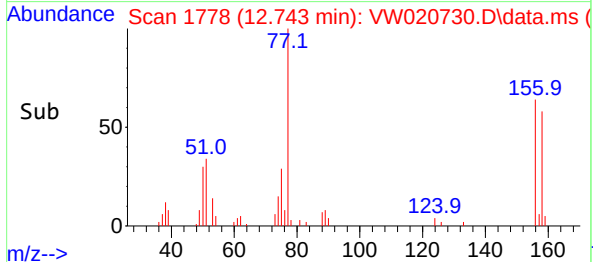
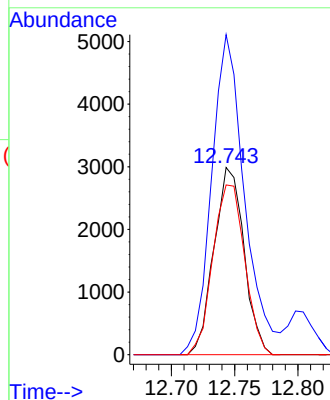
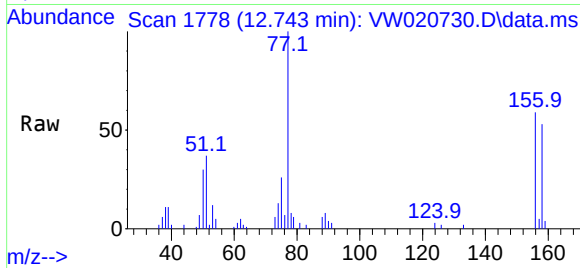
#77
Bromobenzene
Concen: 4.297 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 156 Resp: 4937
Ion Ratio Lower Upper
156 100
77 187.1 91.0 273.0
158 96.1 46.7 140.1

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

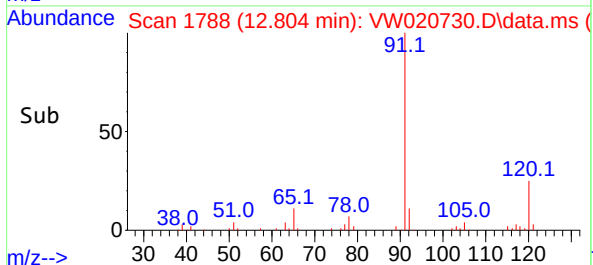
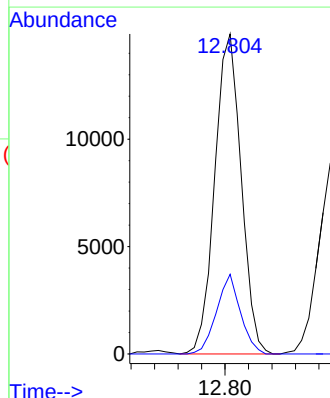
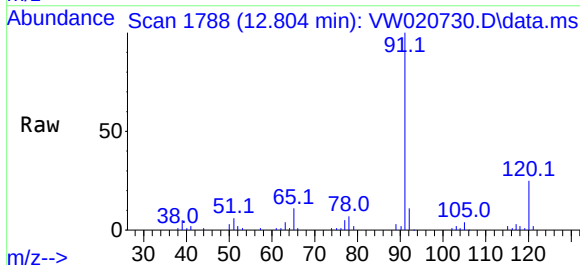
Manual Integrations
APPROVED

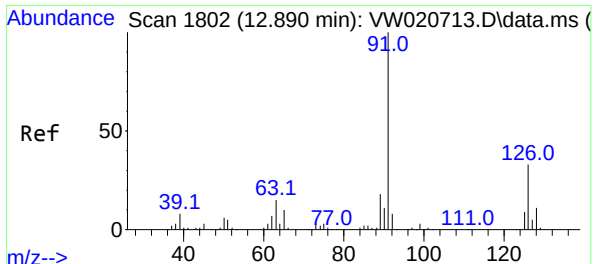
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#78
n-propylbenzene
Concen: 3.975 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 91 Resp: 23259
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.9





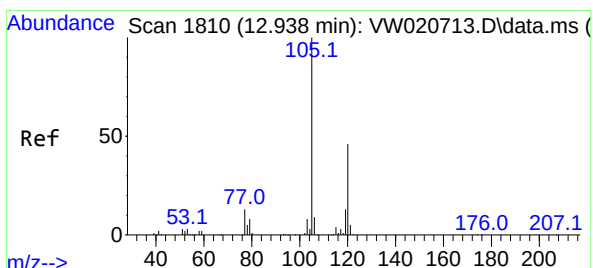
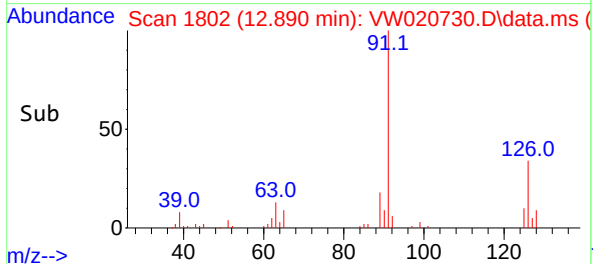
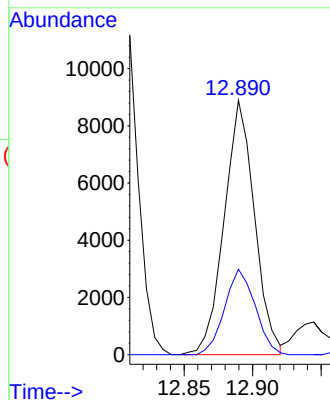
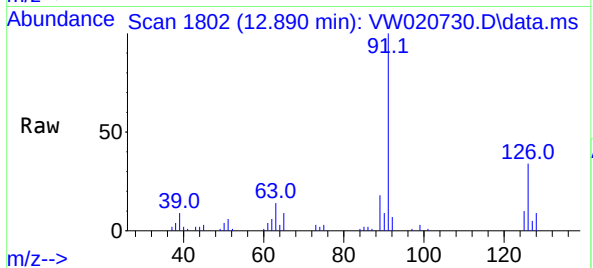
#79
2-Chlorotoluene
Concen: 4.062 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 91 Resp: 13689
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.1

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

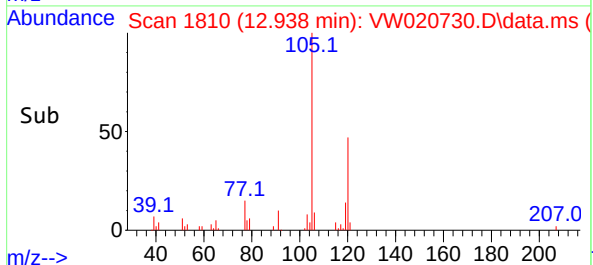
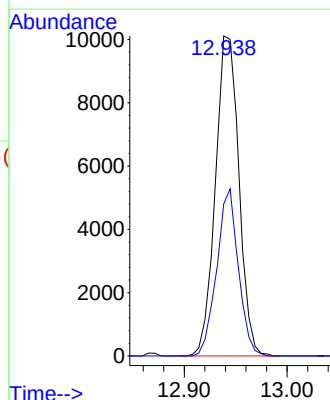
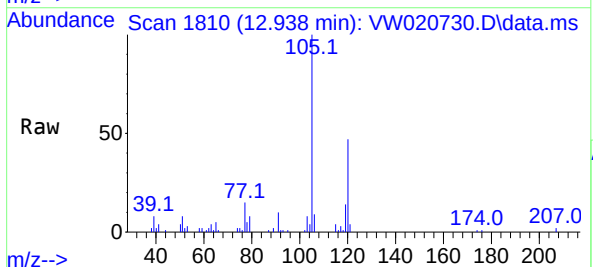
Manual Integrations
APPROVED

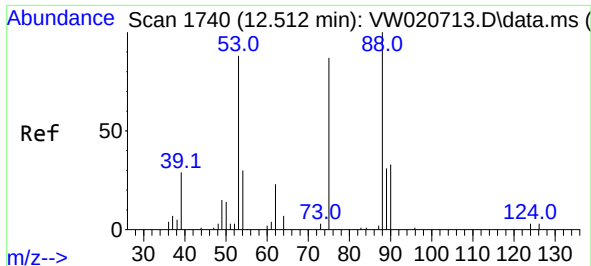
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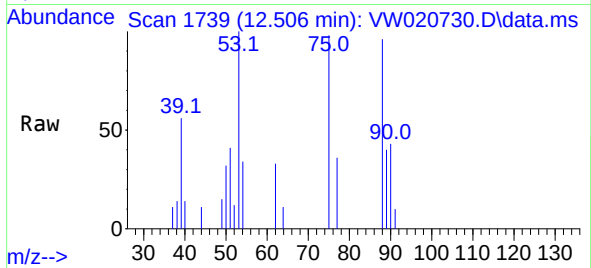
#80
1,3,5-Trimethylbenzene
Concen: 3.886 ug/l
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion: 105 Resp: 16053
Ion Ratio Lower Upper
105 100
120 47.9 24.0 72.0

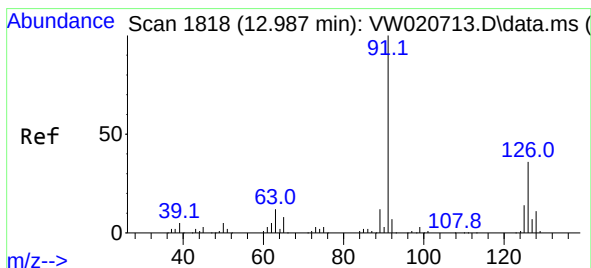
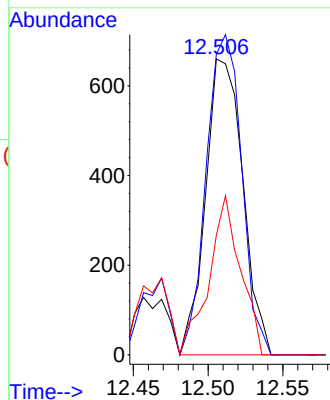
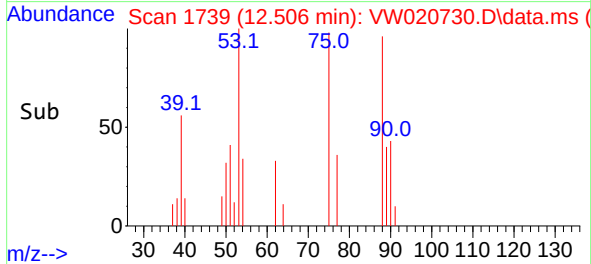




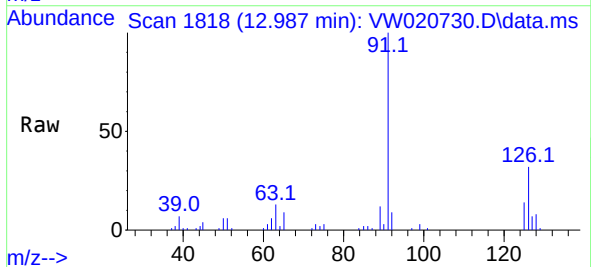
#81
trans-1,4-Dichloro-2-butene
Concen: 4.242 ug/l
RT: 12.506 min Scan# 1739
Delta R.T. -0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



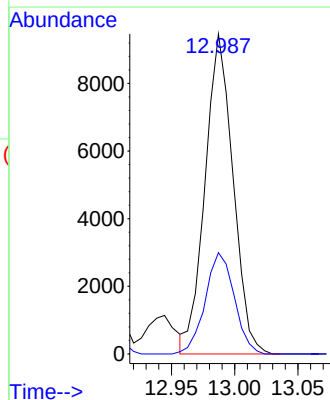
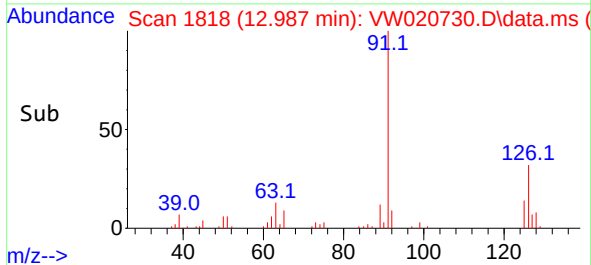
Tgt Ion: 75 Resp: 1145
Ion Ratio Lower Upper
75 100
53 102.7 83.1 124.7
89 45.5 35.1 52.7



#82
4-Chlorotoluene
Concen: 4.066 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



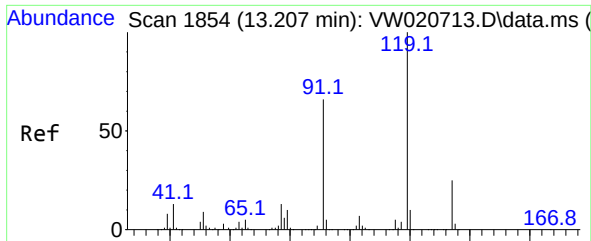
Tgt Ion: 91 Resp: 14543
Ion Ratio Lower Upper
91 100
126 32.9 17.0 51.0



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

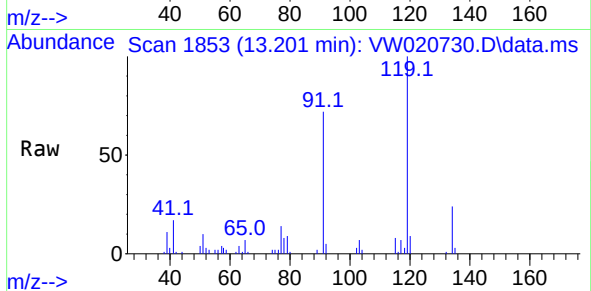
Manual Integrations
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#83
tert-Butylbenzene
Concen: 3.891 ug/l
RT: 13.201 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

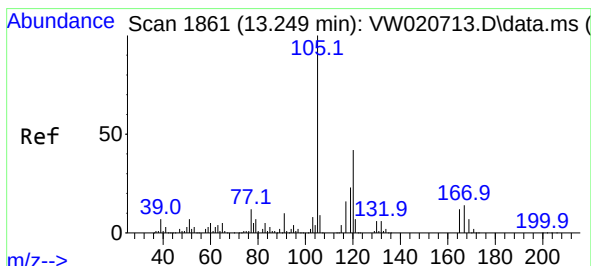
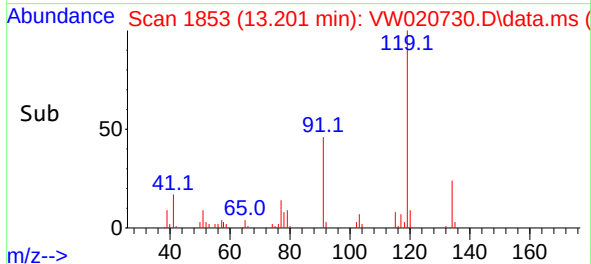
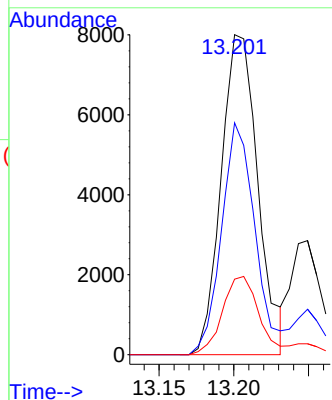
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:119 Resp: 13667
Ion Ratio Lower Upper
119 100
91 65.9 33.6 100.6
134 24.6 12.4 37.4

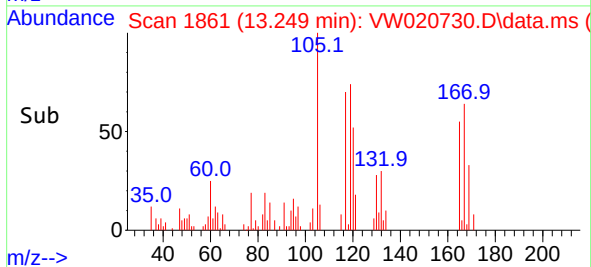
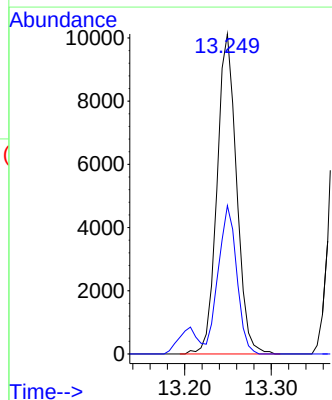
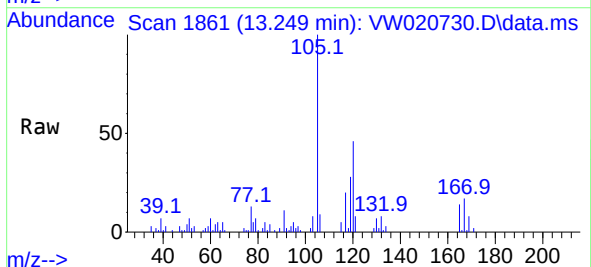
Manual Integrations
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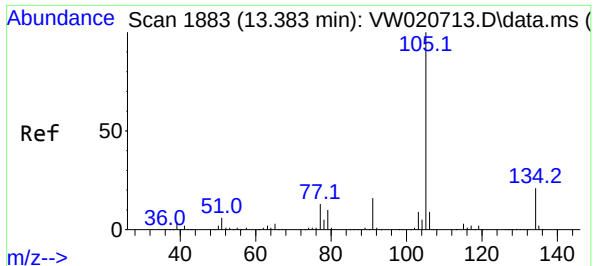
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#84
1,2,4-Trimethylbenzene
Concen: 3.856 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion:105 Resp: 15864
Ion Ratio Lower Upper
105 100
120 43.5 22.3 66.8





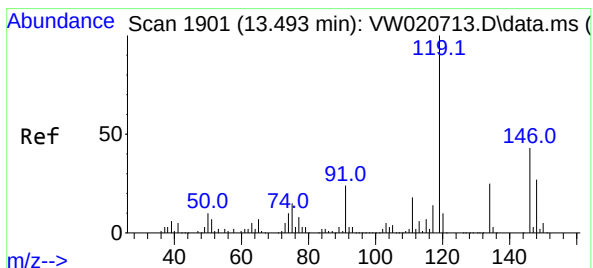
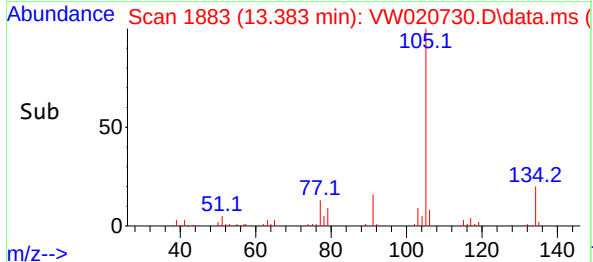
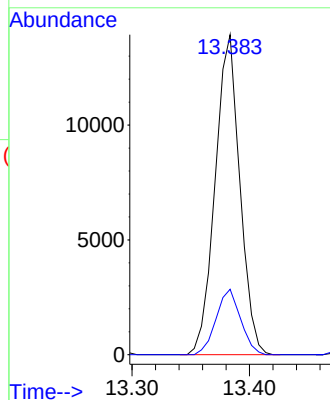
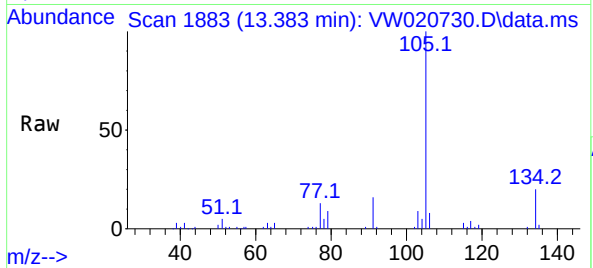
#85
sec-Butylbenzene
Concen: 3.851 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion:105 Resp: 20345
Ion Ratio Lower Upper
105 100
134 20.3 10.3 30.8

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

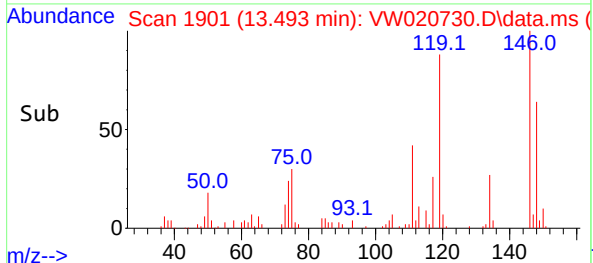
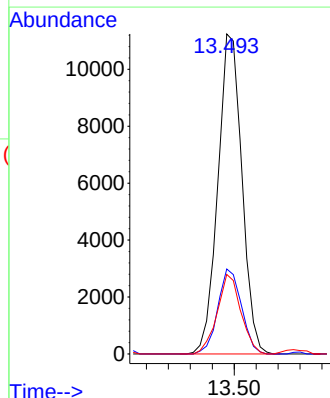
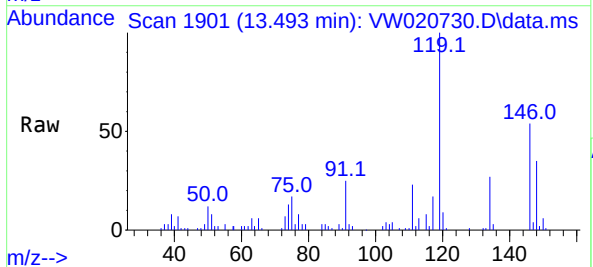
Manual Integrations
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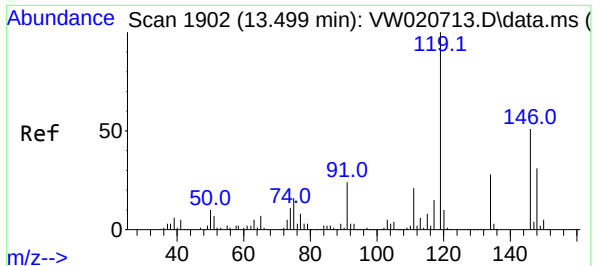
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#86
p-Isopropyltoluene
Concen: 3.817 ug/l
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion:119 Resp: 17125
Ion Ratio Lower Upper
119 100
134 26.0 13.1 39.1
91 24.5 12.0 36.0





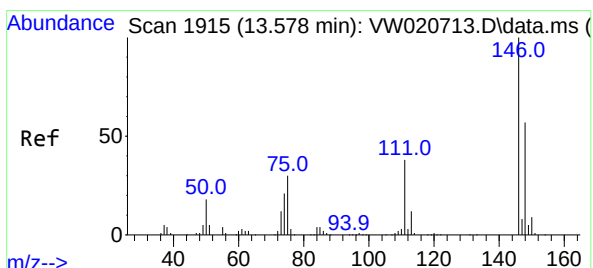
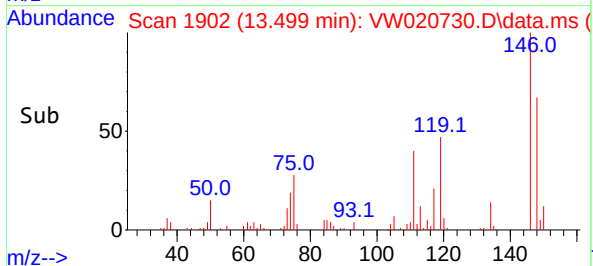
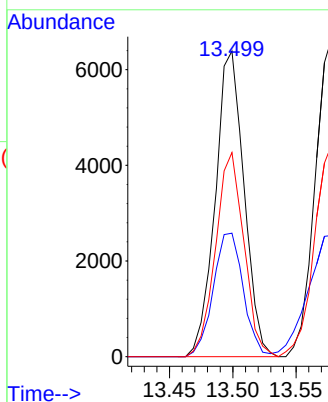
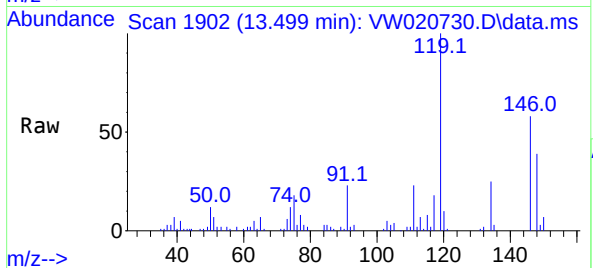
#87
1,3-Dichlorobenzene
Concen: 4.284 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion:	146	Resp:	10090
Ion Ratio	Lower	Upper	
146	100		
111	42.3	19.8	59.4
148	65.8	31.1	93.2

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

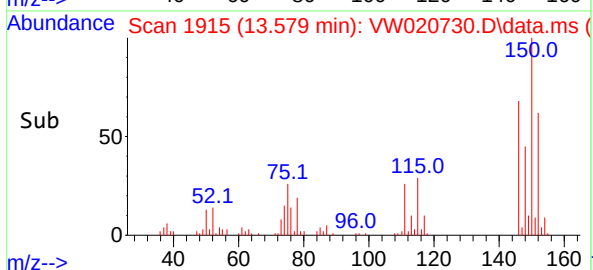
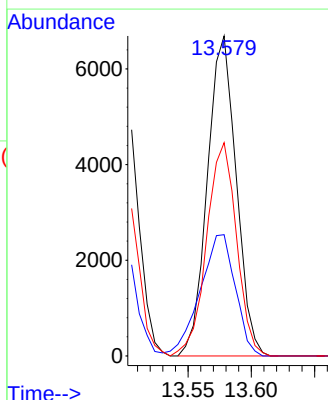
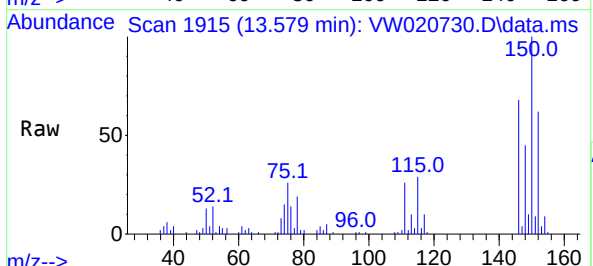
Manual Integrations
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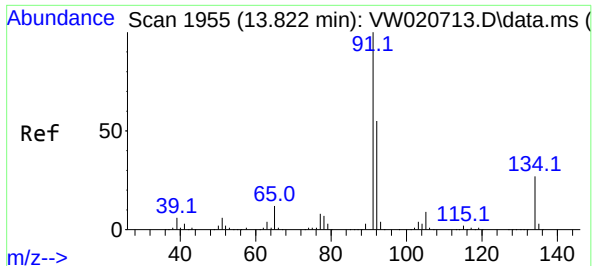
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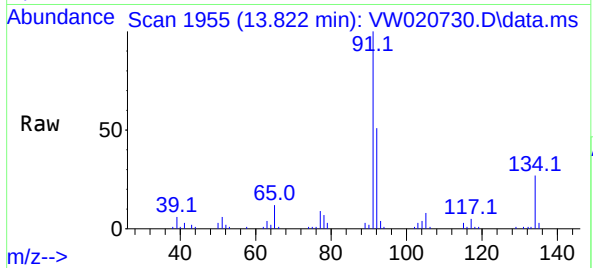
#88
1,4-Dichlorobenzene
Concen: 4.515 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

Tgt Ion:	146	Resp:	10607
Ion Ratio	Lower	Upper	
146	100		
111	46.3	19.7	59.0
148	69.0	30.8	92.3





#89
n-Butylbenzene
Concen: 3.856 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



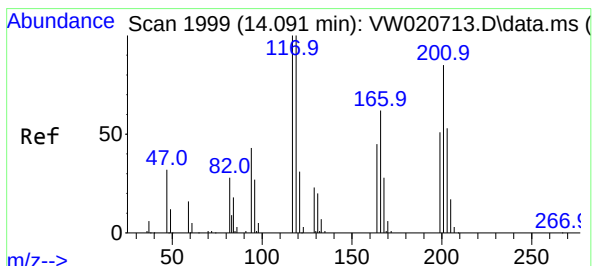
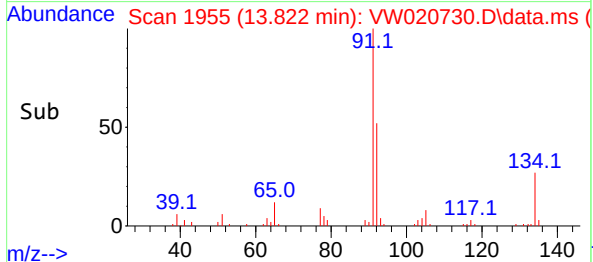
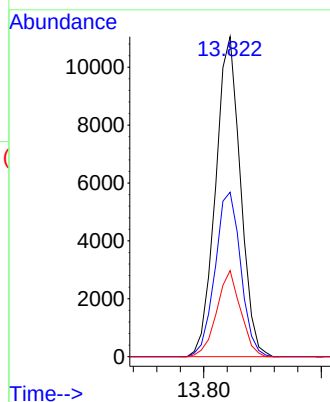
Tgt Ion: 91 Resp: 16260

Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.8	80.3
134	25.8	13.1	39.3

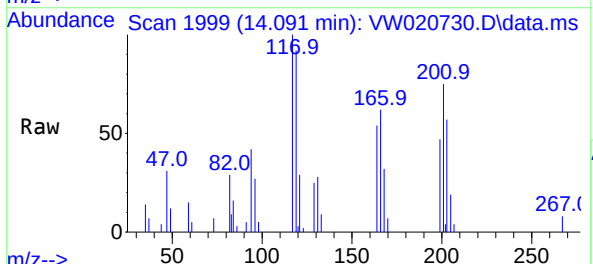
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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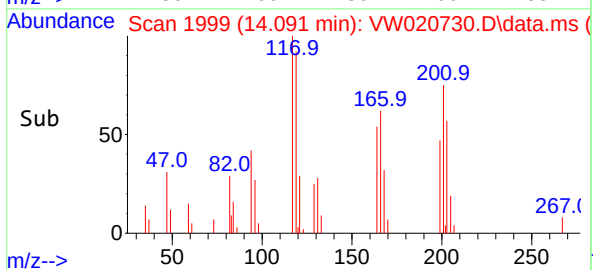
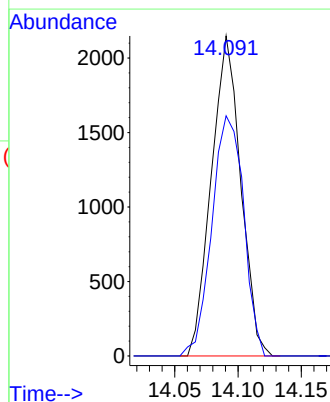


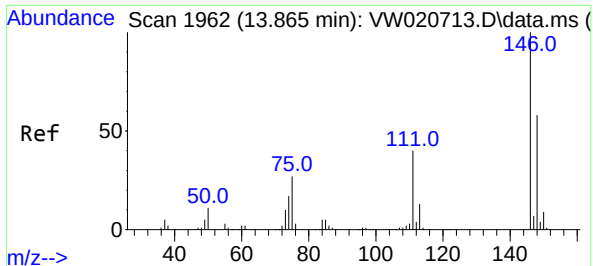
#90
Hexachloroethane
Concen: 4.252 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



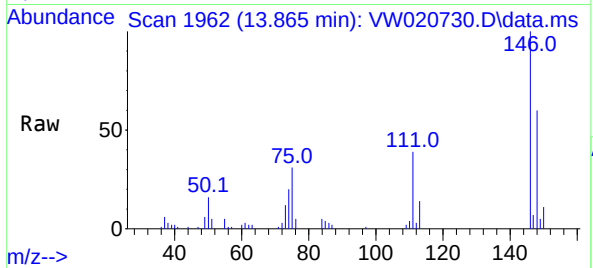
Tgt Ion: 117 Resp: 3472

Ion	Ratio	Lower	Upper
117	100		
201	81.0	42.4	127.1

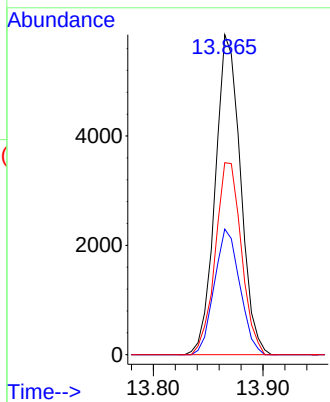
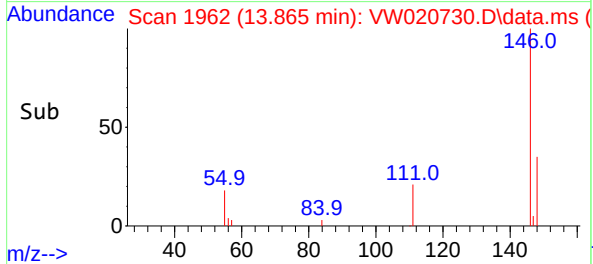




#91
1,2-Dichlorobenzene
Concen: 4.541 ug/l
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



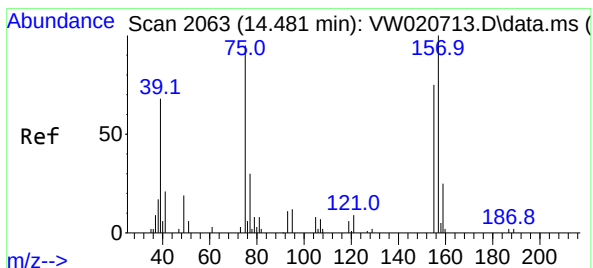
Tgt Ion:146 Resp: 9364
Ion Ratio Lower Upper
146 100
111 39.7 20.4 61.3
148 62.0 30.7 92.1



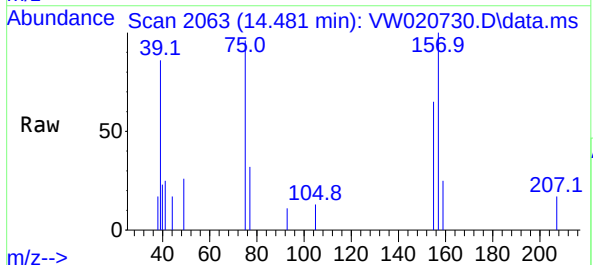
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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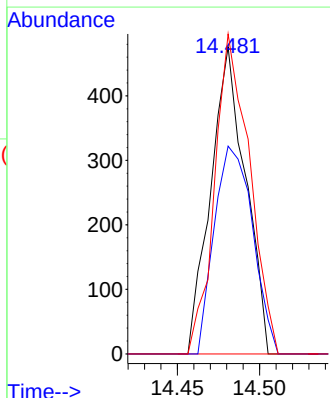
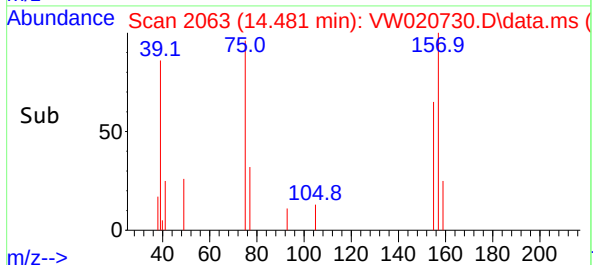
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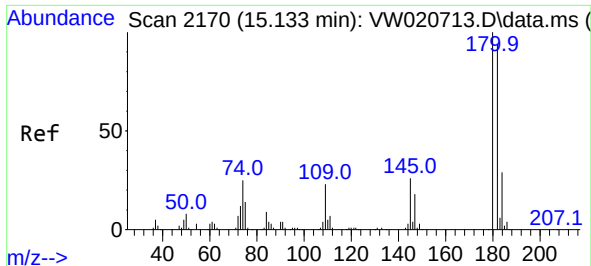


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.688 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



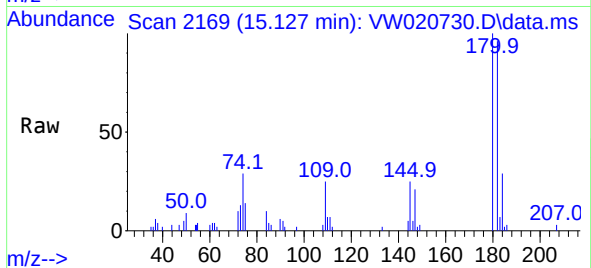
Tgt Ion: 75 Resp: 700
Ion Ratio Lower Upper
75 100
155 74.4 42.4 127.1
157 104.4 55.9 167.7





#93
1,2,4-Trichlorobenzene
Concen: 4.213 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

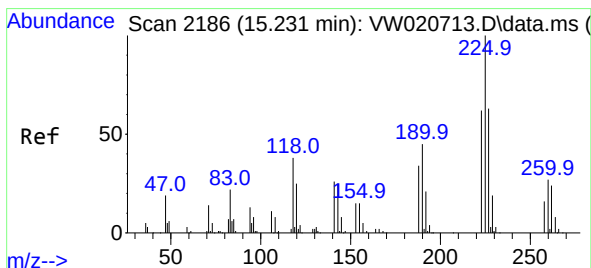
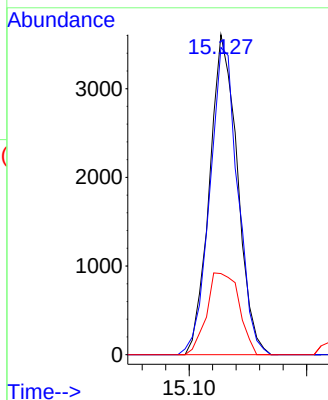
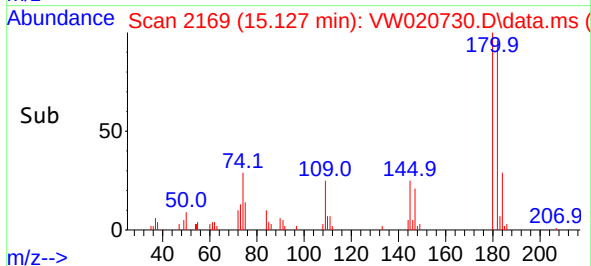
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



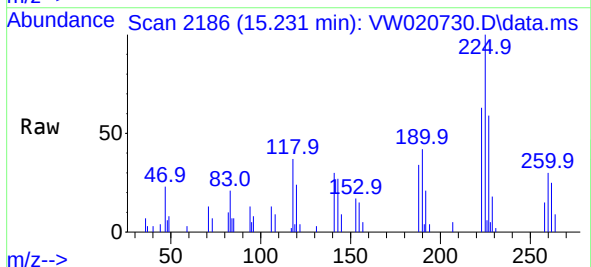
Tgt Ion:180 Resp: 5959
Ion Ratio Lower Upper
180 100
182 96.4 47.9 143.8
145 29.5 14.8 44.4

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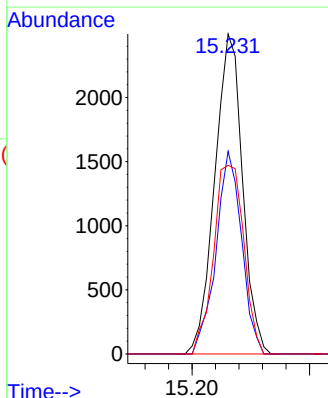
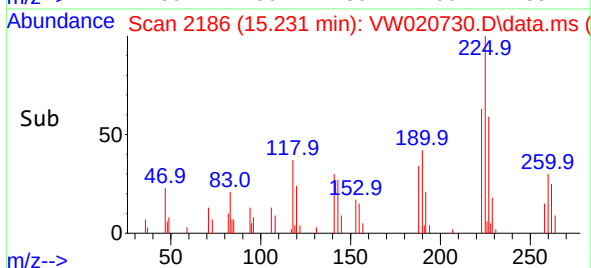
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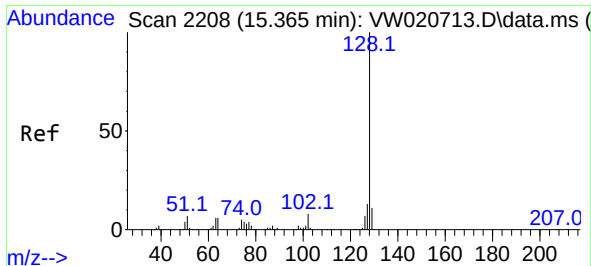


#94
Hexachlorobutadiene
Concen: 4.479 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



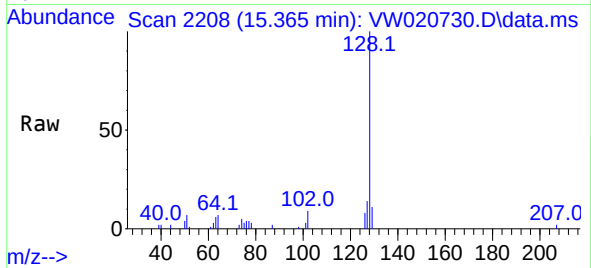
Tgt Ion:225 Resp: 4094
Ion Ratio Lower Upper
225 100
223 58.3 31.6 95.0
227 64.3 31.9 95.7





#95
Naphthalene
Concen: 4.052 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57

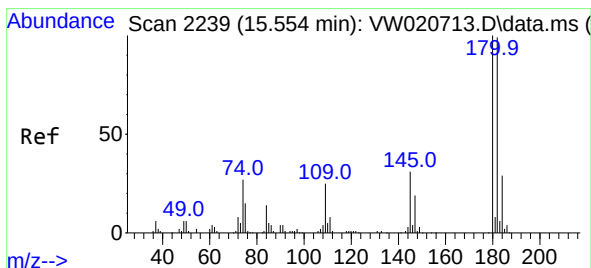
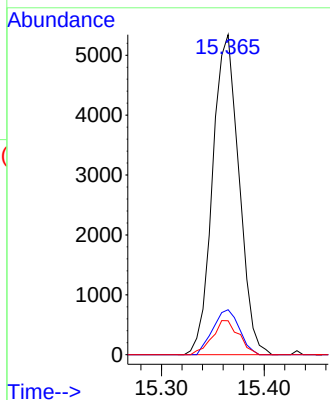
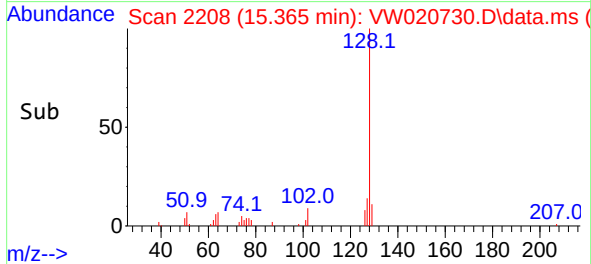
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



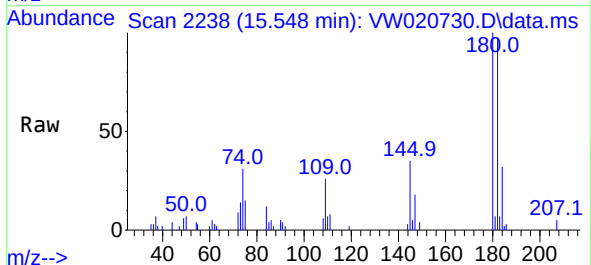
Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.6	16.0
129	10.7	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
11/1/2021 6:28:14 PM



#96
1,2,3-Trichlorobenzene
Concen: 4.202 ug/l
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW020730.D
Acq: 29 Oct 2021 16:57



Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	48.5	145.5
145	32.8	15.7	47.1

