

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102821\
 Data File : VW020722.D
 Acq On : 28 Oct 2021 18:44
 Operator : SY/VA
 Sample : M4068-02 LOQ5PPB
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

Manual Integrations
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Quant Time: Oct 29 05:33:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102821S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 05:29:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	97255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	151063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	141742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	74940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	47855	50.059	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.120%			
35) Dibromofluoromethane	7.885	113	42252	47.679	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.360%			
50) Toluene-d8	10.323	98	156664	47.108	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.220%			
62) 4-Bromofluorobenzene	12.615	95	59240	47.217	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	973	4.073	ug/l	92
3) Chloromethane	2.215	50	3715	6.389	ug/l	99
4) Vinyl Chloride	2.355	62	3507	5.153	ug/l	99
5) Bromomethane	2.770	94	2480	9.007	ug/l	97
6) Chloroethane	2.916	64	1155	6.719	ug/l	91
7) Trichlorofluoromethane	3.251	101	1834	5.728	ug/l	91
8) Diethyl Ether	3.678	74	2173	5.476	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.056	101	4591	5.854	ug/l	98
10) Methyl Iodide	4.275	142	4520	5.117	ug/l	99
11) Tert butyl alcohol	5.159	59	1444m	28.382	ug/l	
12) 1,1-Dichloroethene	4.044	96	4210	5.508	ug/l	92
13) Acrolein	3.910	56	433m	19.358	ug/l	
14) Allyl chloride	4.660	41	6239	5.307	ug/l	98
15) Acrylonitrile	5.379	53	4937	26.573	ug/l	98
16) Acetone	4.123	43	5626	26.304	ug/l	95
17) Carbon Disulfide	4.385	76	11486	5.429	ug/l	99
18) Methyl Acetate	4.672	43	4397	6.432	ug/l	98
19) Methyl tert-butyl Ether	5.422	73	5692	5.434	ug/l	99
20) Methylene Chloride	4.922	84	9413	9.272	ug/l	95
21) trans-1,2-Dichloroethene	5.428	96	4657	5.447	ug/l	98
22) Diisopropyl ether	6.318	45	13016	5.308	ug/l	99
23) Vinyl Acetate	6.257	43	31955	23.947	ug/l	98
24) 1,1-Dichloroethane	6.214	63	9247	5.883	ug/l	95
25) 2-Butanone	7.177	43	6851	26.640	ug/l	92
26) 2,2-Dichloropropane	7.165	77	4955	5.665	ug/l	98
27) cis-1,2-Dichloroethene	7.177	96	5207	5.568	ug/l	98
28) Bromochloromethane	7.513	49	4292	5.876	ug/l #	100
29) Tetrahydrofuran	7.537	42	4062	26.104	ug/l	98
30) Chloroform	7.677	83	9845	5.999	ug/l	95
31) Cyclohexane	7.958	56	9697	6.053	ug/l #	71
32) 1,1,1-Trichloroethane	7.872	97	7362	5.859	ug/l	98
36) 1,1-Dichloropropene	8.086	75	7088	5.260	ug/l	98
37) Ethyl Acetate	7.257	43	2920	5.077	ug/l #	97
38) Carbon Tetrachloride	8.067	117	6875	5.540	ug/l	96
39) Methylcyclohexane	9.336	83	8070	4.956	ug/l	94
40) Benzene	8.324	78	23768	6.145	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	1718	5.078	ug/l	91
42) 1,2-Dichloroethane	8.403	62	6759	5.686	ug/l	99
43) Isopropyl Acetate	8.427	43	5450	4.948	ug/l	95
44) Trichloroethene	9.092	130	5565	5.477	ug/l	99
45) 1,2-Dichloropropane	9.366	63	5154	5.650	ug/l	100
46) Dibromomethane	9.457	93	2705	5.457	ug/l	95
47) Bromodichloromethane	9.646	83	6802	5.405	ug/l	93
48) Methyl methacrylate	9.439	41	2485	4.607	ug/l	99
49) 1,4-Dioxane	9.451	88	756	115.036	ug/l	97
51) 4-Methyl-2-Pentanone	10.207	43	14419	25.021	ug/l	95
52) Toluene	10.390	92	12923	5.466	ug/l	95
53) t-1,3-Dichloropropene	10.610	75	6415	5.060	ug/l	96
54) cis-1,3-Dichloropropene	10.073	75	7506	5.147	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	3805	5.503	ug/l	93
56) Ethyl methacrylate	10.646	69	4059	4.700	ug/l	100
57) 1,3-Dichloropropane	10.933	76	6433	5.333	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	9598	23.435	ug/l	100
59) 2-Hexanone	10.969	43	9797	24.040	ug/l	96
60) Dibromochloromethane	11.128	129	4458	5.395	ug/l	96
61) 1,2-Dibromoethane	11.238	107	3426	5.177	ug/l	95
64) Tetrachloroethene	10.860	164	5052	5.597	ug/l	95
65) Chlorobenzene	11.652	112	13817	5.376	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.731	131	4969	5.305	ug/l	99
67) Ethyl Benzene	11.731	91	23522	5.052	ug/l	97
68) m/p-Xylenes	11.841	106	17757	9.845	ug/l	99
69) o-Xylene	12.164	106	8192	4.934	ug/l	99
70) Styrene	12.183	104	13751	4.832	ug/l	100
71) Bromoform	12.353	173	2705	5.283	ug/l #	96
73) Isopropylbenzene	12.463	105	21892	4.839	ug/l	99
74) N-amyl acetate	12.274	43	4736	4.570	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.713	83	4306	5.396	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	3505m	5.456	ug/l	
77) Bromobenzene	12.750	156	5835	5.329	ug/l	94
78) n-propylbenzene	12.804	91	29041	5.208	ug/l	100
79) 2-Chlorotoluene	12.890	91	17070	5.315	ug/l	99
80) 1,3,5-Trimethylbenzene	12.945	105	20085	5.102	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	1213	4.716	ug/l	98
82) 4-Chlorotoluene	12.987	91	18111	5.313	ug/l	100
83) tert-Butylbenzene	13.201	119	16702	4.990	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	19801	5.051	ug/l	99
85) sec-Butylbenzene	13.384	105	25640	5.092	ug/l	99
86) p-Isopropyltoluene	13.493	119	21005	4.913	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	12112	5.397	ug/l	94
88) 1,4-Dichlorobenzene	13.579	146	12265	5.478	ug/l	88
89) n-Butylbenzene	13.823	91	20296	5.051	ug/l	98
90) Hexachloroethane	14.091	117	4179	5.370	ug/l	94
91) 1,2-Dichlorobenzene	13.871	146	10832	5.512	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	718	5.046	ug/l	97
93) 1,2,4-Trichlorobenzene	15.127	180	7020	5.208	ug/l	98
94) Hexachlorobutadiene	15.231	225	4997	5.737	ug/l	96
95) Naphthalene	15.359	128	10821	4.828	ug/l	98
96) 1,2,3-Trichlorobenzene	15.548	180	6637	5.483	ug/l	97

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

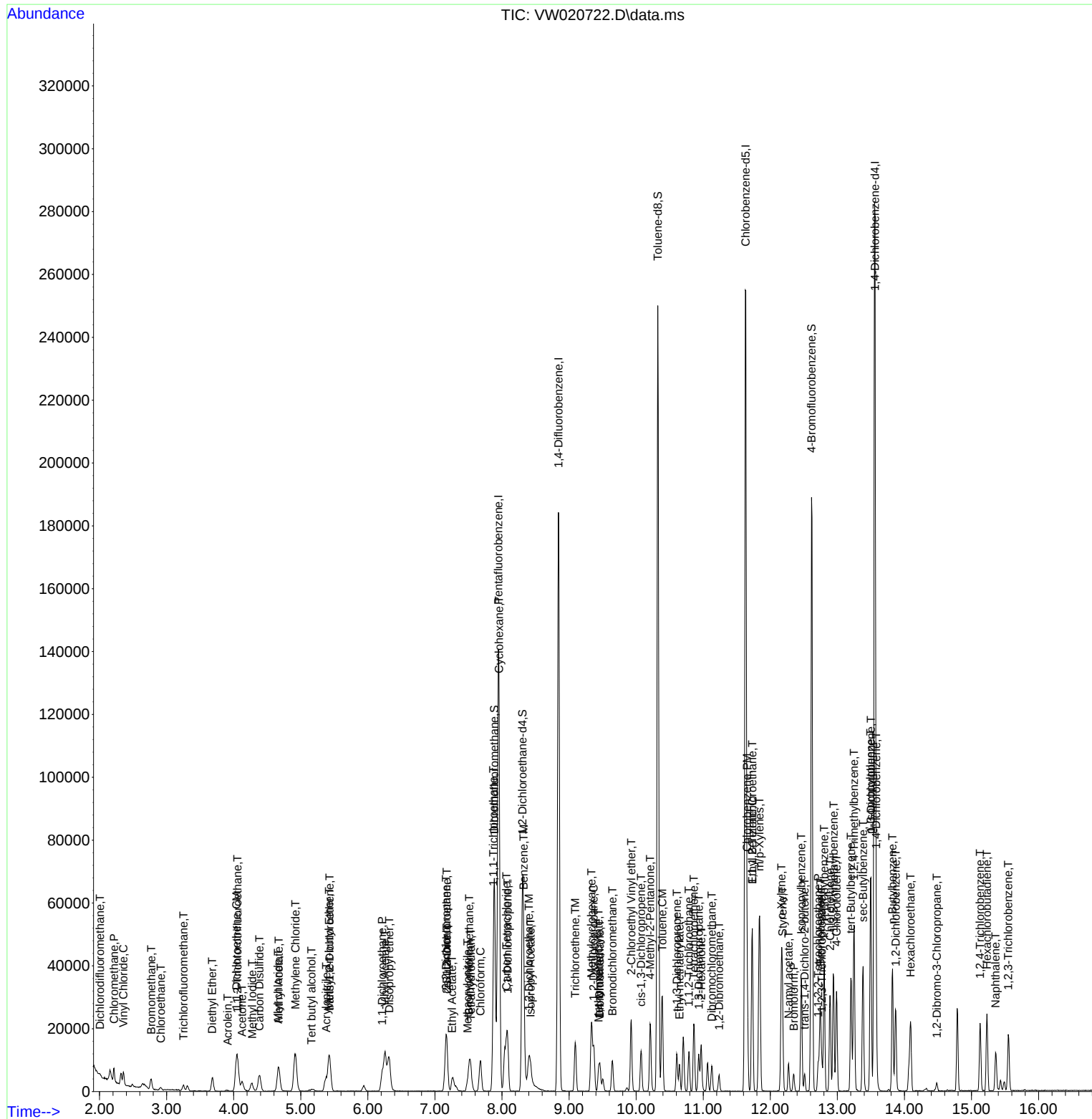
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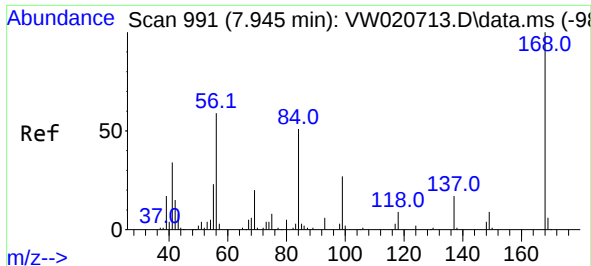
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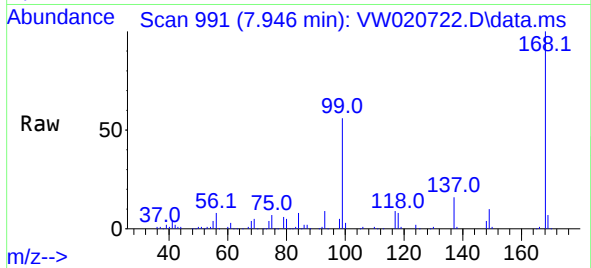
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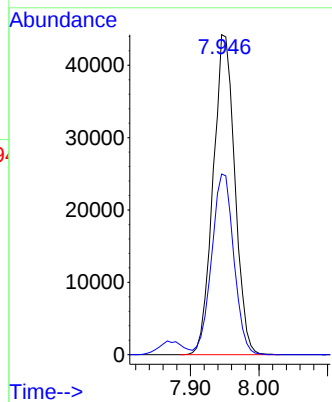
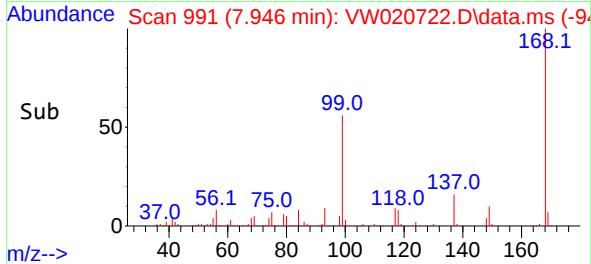




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.946 min Scan# 991
Delta R.T. 0.001 min
Lab File: VW020722.D
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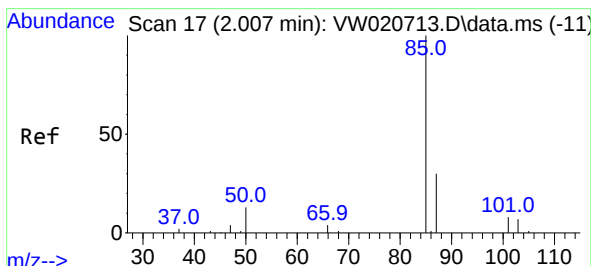
Tgt Ion:168 Resp: 97255
Ion Ratio Lower Upper
168 100
99 56.4 46.2 69.4



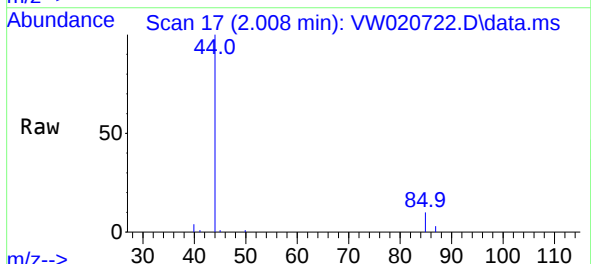
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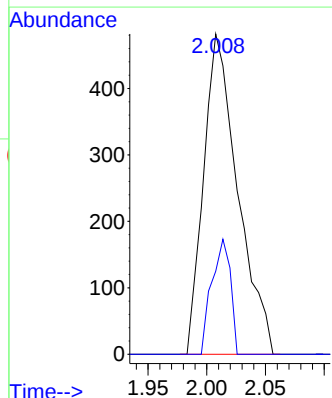
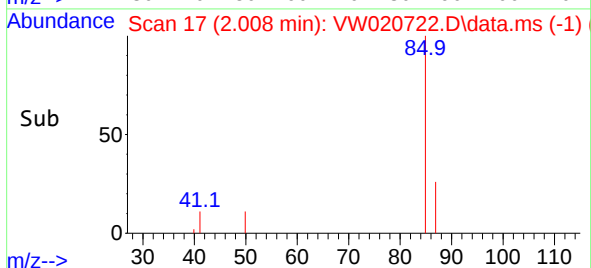
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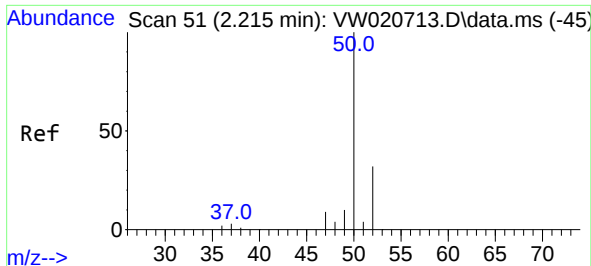


#2
Dichlorodifluoromethane
Concen: 4.073 ug/l
RT: 2.008 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



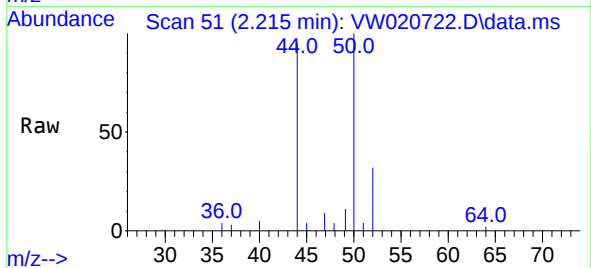
Tgt Ion: 85 Resp: 973
Ion Ratio Lower Upper
85 100
87 25.9 15.0 45.1



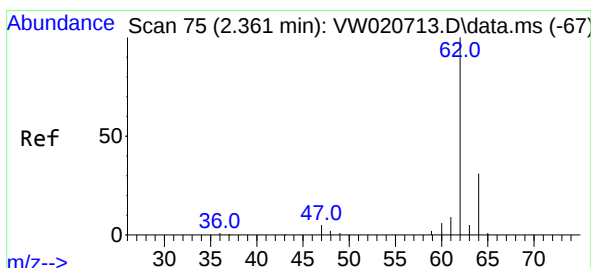
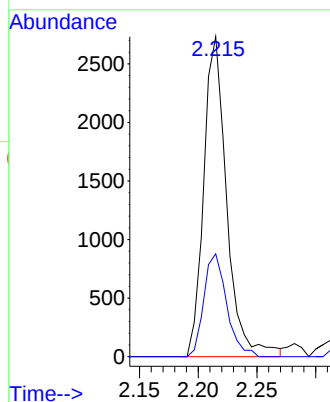
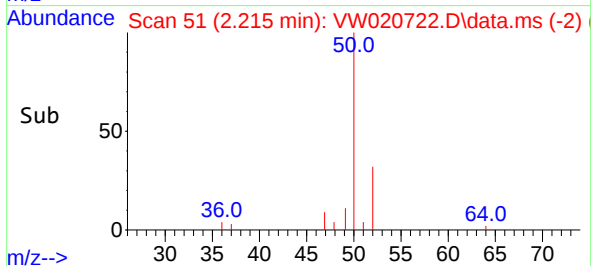


#3
Chloromethane
Concen: 6.389 ug/l
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

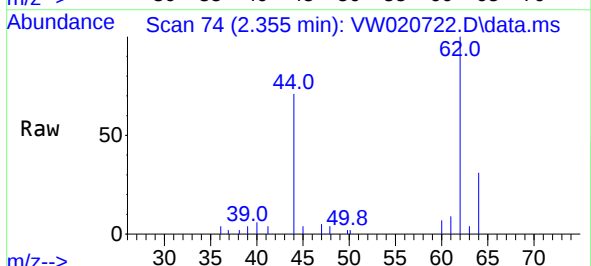
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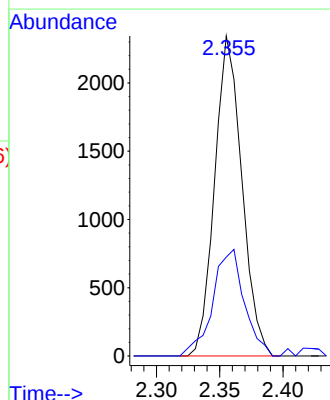
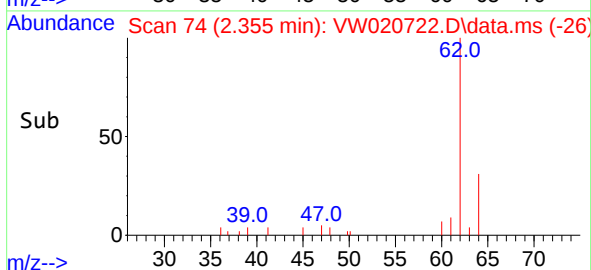
Tgt Ion: 50 Resp: 3715
Ion Ratio Lower Upper
50 100
52 32.1 25.2 37.8

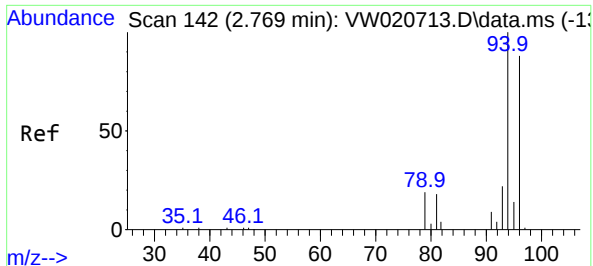


#4
Vinyl Chloride
Concen: 5.153 ug/l
RT: 2.355 min Scan# 74
Delta R.T. -0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

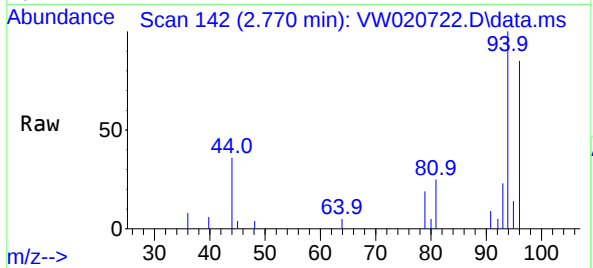


Tgt Ion: 62 Resp: 3507
Ion Ratio Lower Upper
62 100
64 30.9 25.0 37.4

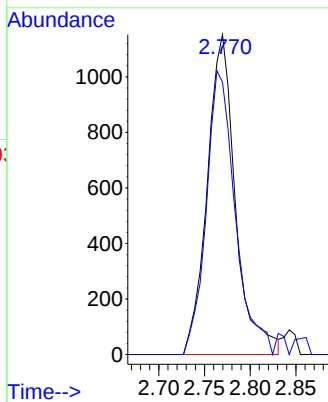
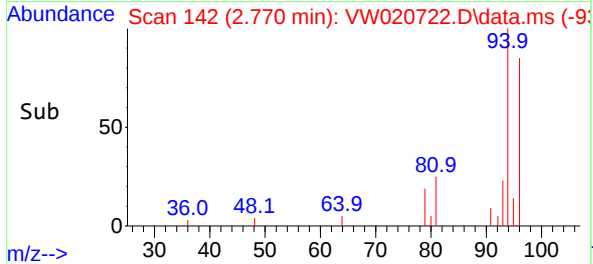




#5
Bromomethane
Concen: 9.007 ug/l
RT: 2.770 min Scan# 142
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



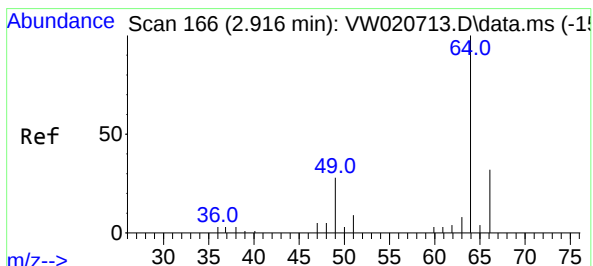
Tgt Ion: 94 Resp: 2480
Ion Ratio Lower Upper
94 100
96 85.2 70.1 105.1



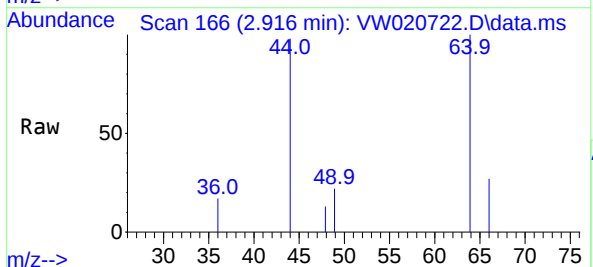
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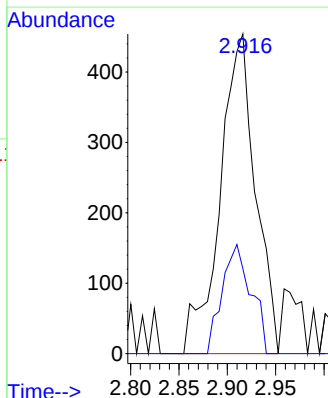
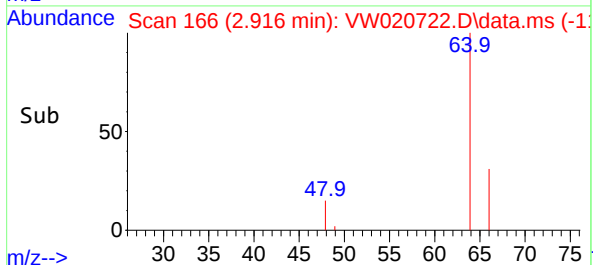
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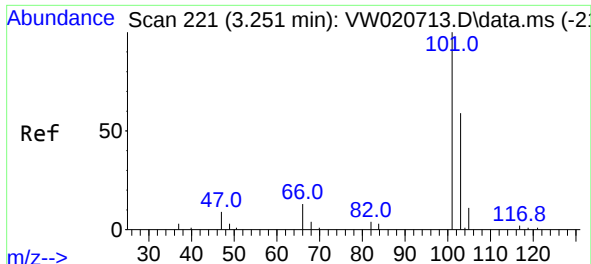


#6
Chloroethane
Concen: 6.719 ug/l
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



Tgt Ion: 64 Resp: 1155
Ion Ratio Lower Upper
64 100
66 26.7 25.5 38.3





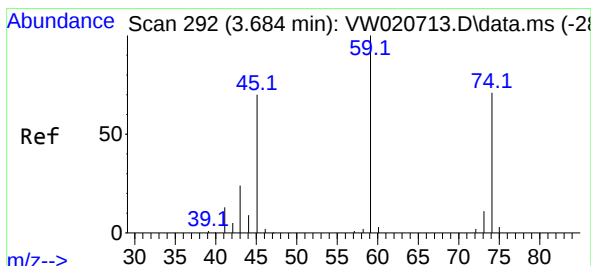
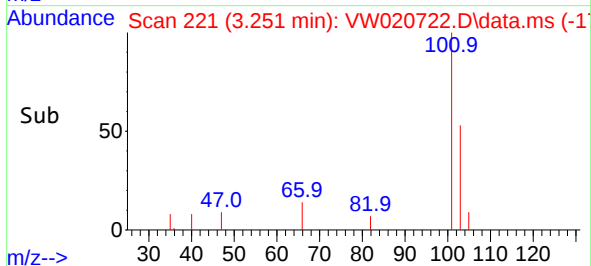
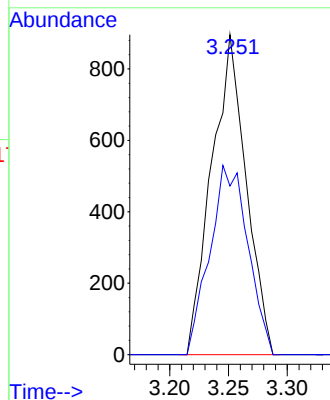
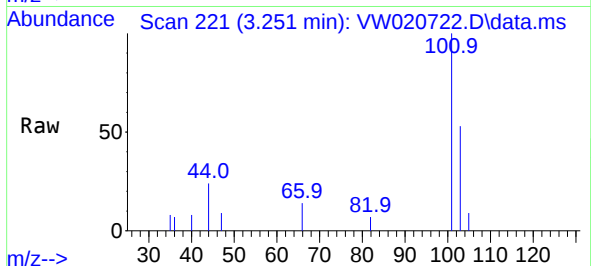
#7
 Trichlorofluoromethane
 Concen: 5.728 ug/l
 RT: 3.251 min Scan# 221
 Delta R.T. 0.000 min
 Lab File: VW020722.D
 Acq: 28 Oct 2021 18:44

Tgt Ion: 101 Resp: 1834
 Ion Ratio Lower Upper
 101 100
 103 52.7 47.4 71.0

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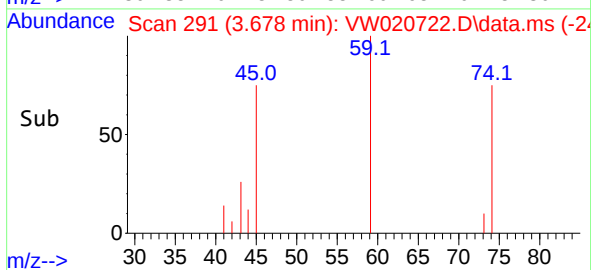
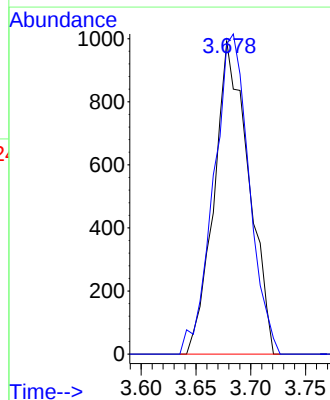
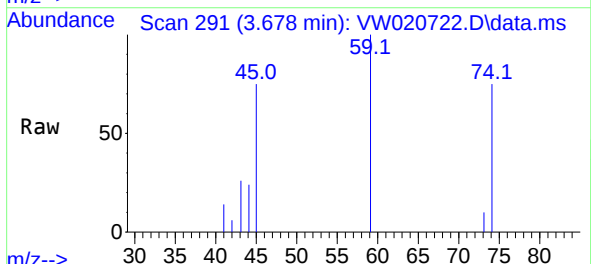
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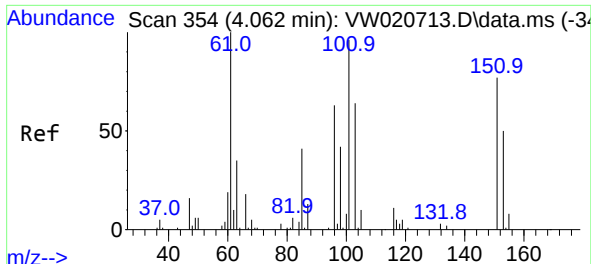
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#8
 Diethyl Ether
 Concen: 5.476 ug/l
 RT: 3.678 min Scan# 291
 Delta R.T. -0.006 min
 Lab File: VW020722.D
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Tgt Ion: 74 Resp: 2173
 Ion Ratio Lower Upper
 74 100
 45 104.7 50.4 151.2





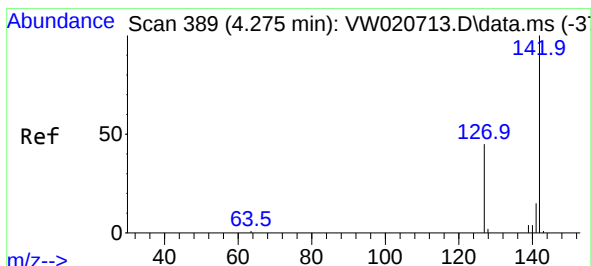
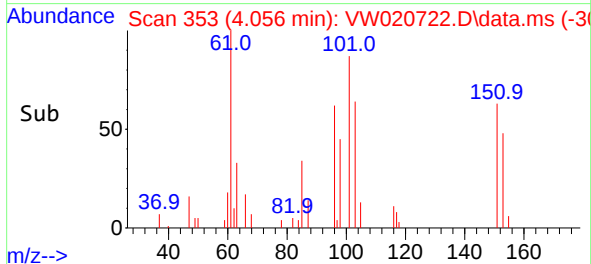
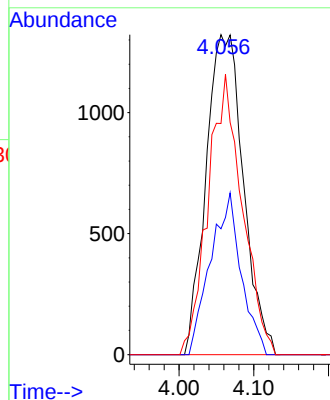
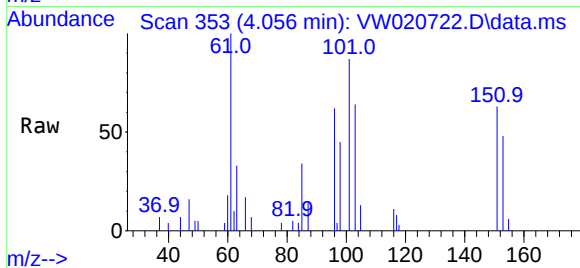
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.854 ug/l
RT: 4.056 min Scan# 353
Delta R.T. -0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion:	101	Resp:	4591
Ion	Ratio	Lower	Upper
101	100		
85	41.6	35.3	52.9
151	80.1	63.8	95.6

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

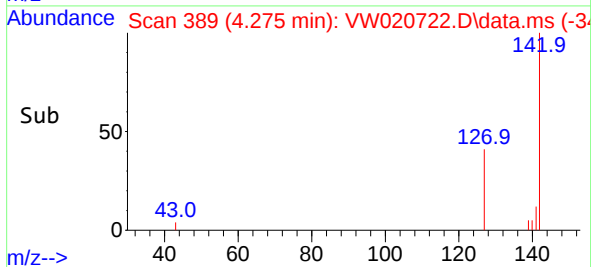
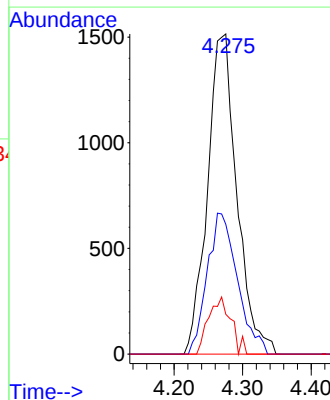
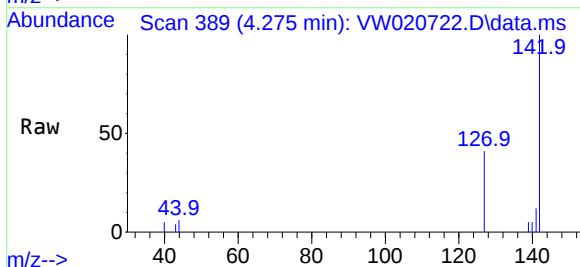
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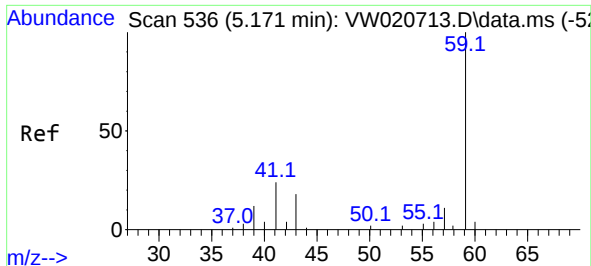
MMDadoda
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#10
Methyl Iodide
Concen: 5.117 ug/l
RT: 4.275 min Scan# 389
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion:	142	Resp:	4520
Ion	Ratio	Lower	Upper
142	100		
127	45.2	36.3	54.5
141	13.7	12.1	18.1





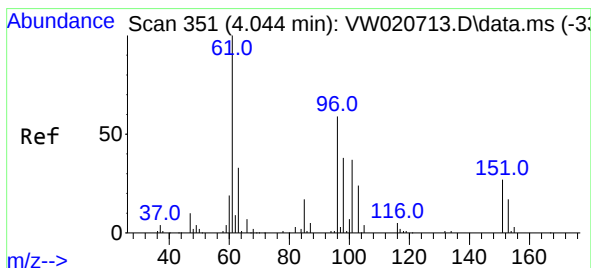
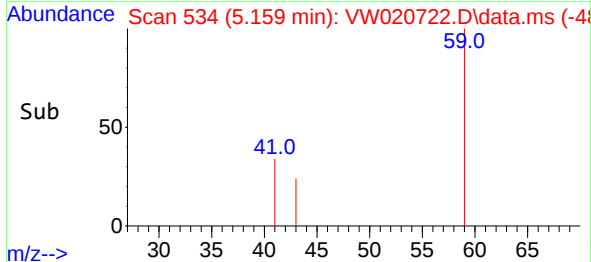
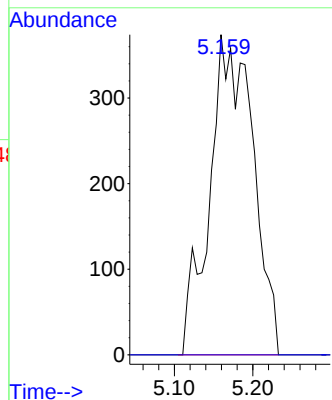
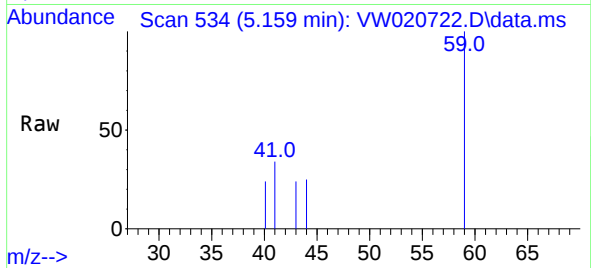
#11
Tert butyl alcohol
Concen: 28.382 ug/l m
RT: 5.159 min Scan# 534
Delta R.T. -0.012 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 59 Resp: 1444
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

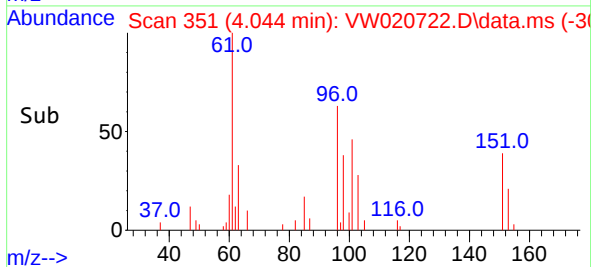
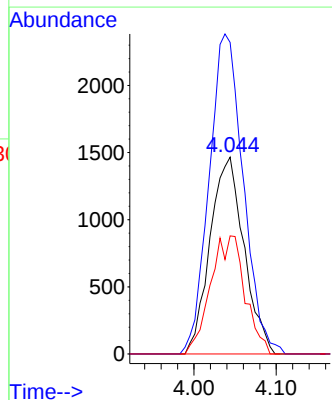
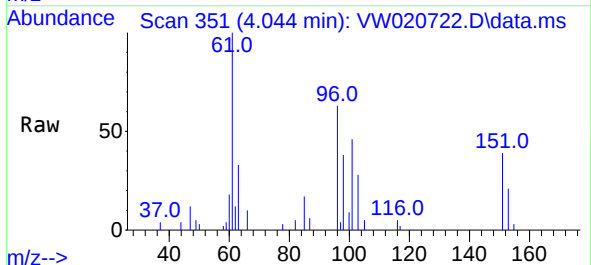
Manual Integrations
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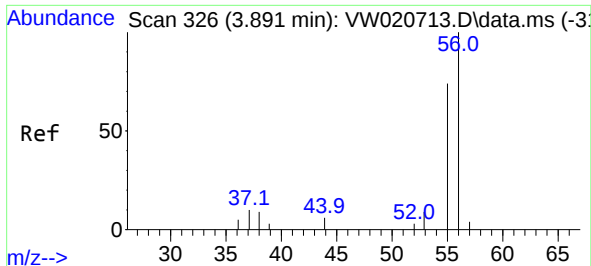
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#12
1,1-Dichloroethene
Concen: 5.508 ug/l
RT: 4.044 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 96 Resp: 4210
Ion Ratio Lower Upper
96 100
61 158.3 136.6 205.0
98 60.0 52.2 78.4





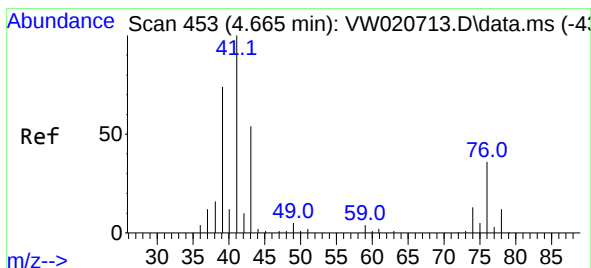
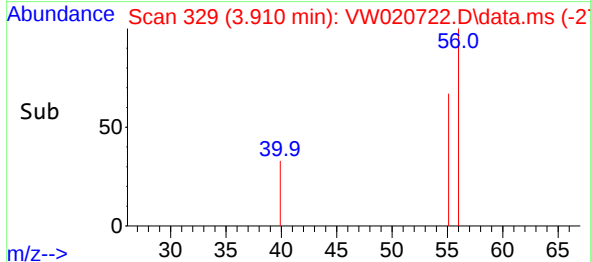
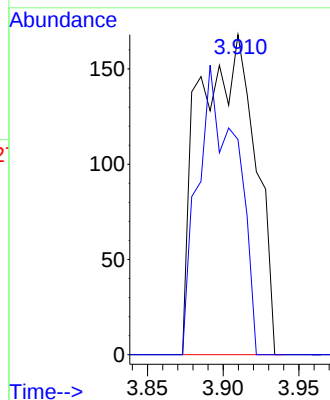
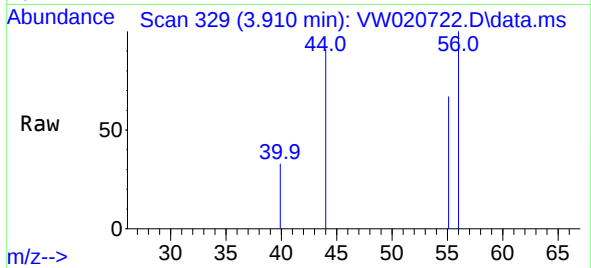
#13
Acrolein
Concen: 19.358 ug/l m
RT: 3.910 min Scan# 329
Delta R.T. 0.018 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 56 Resp: 433
Ion Ratio Lower Upper
56 100
55 62.4 58.2 87.4

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

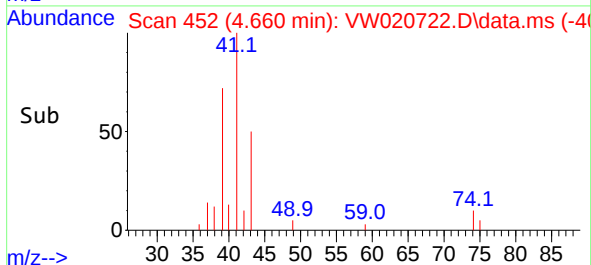
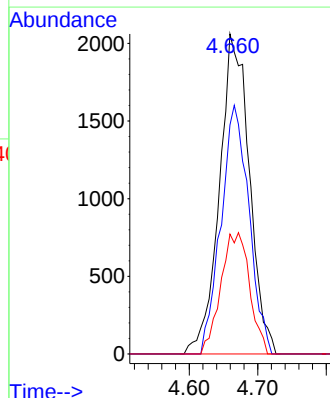
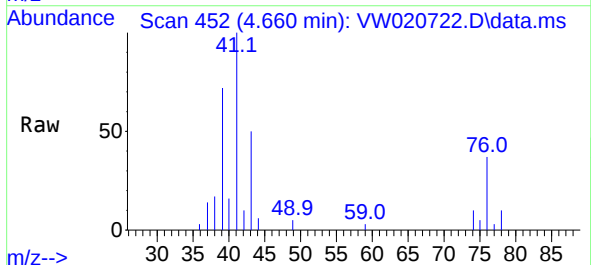
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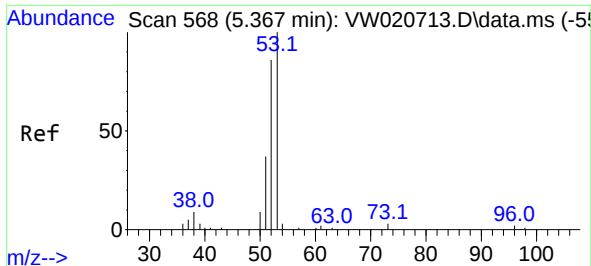
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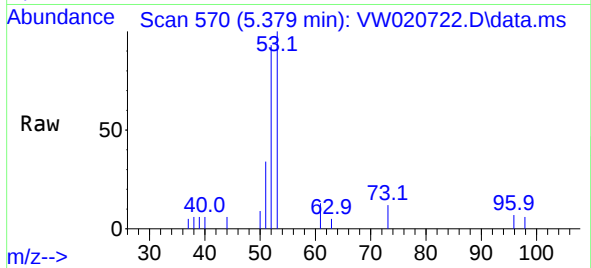
#14
Allyl chloride
Concen: 5.307 ug/l
RT: 4.660 min Scan# 452
Delta R.T. -0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 41 Resp: 6239
Ion Ratio Lower Upper
41 100
39 72.7 57.1 85.7
76 36.4 27.9 41.9

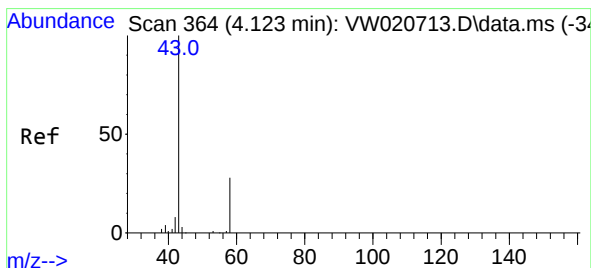
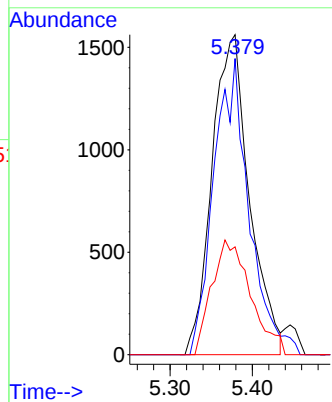
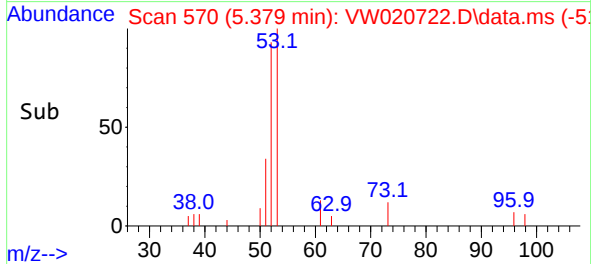




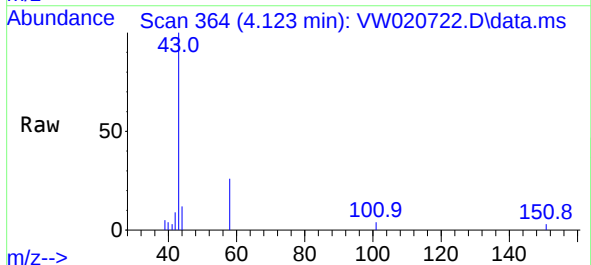
#15
Acrylonitrile
Concen: 26.573 ug/l
RT: 5.379 min Scan# 570
Delta R.T. 0.012 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



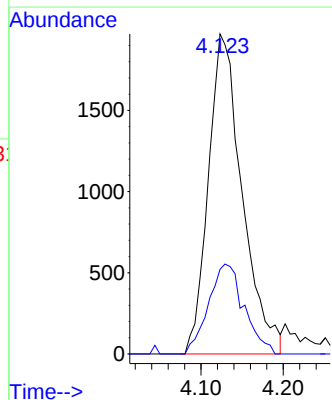
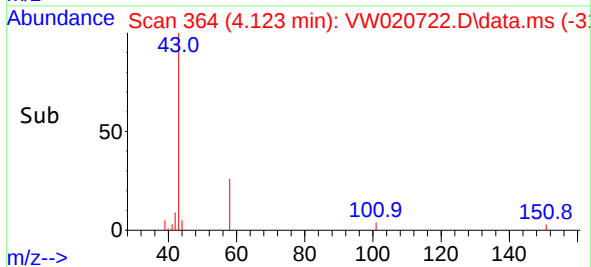
Tgt Ion: 53 Resp: 4937
Ion Ratio Lower Upper
53 100
52 87.0 67.7 101.5
51 37.2 29.8 44.8



#16
Acetone
Concen: 26.304 ug/l
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



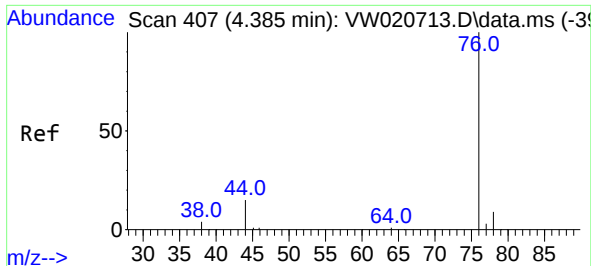
Tgt Ion: 43 Resp: 5626
Ion Ratio Lower Upper
43 100
58 26.4 23.2 34.8



Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

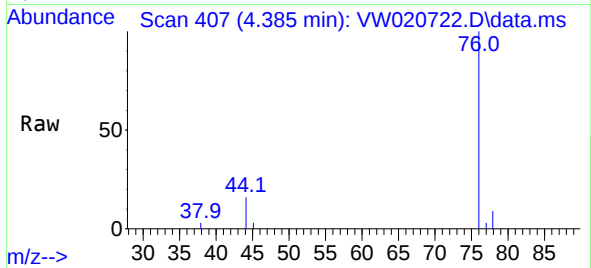
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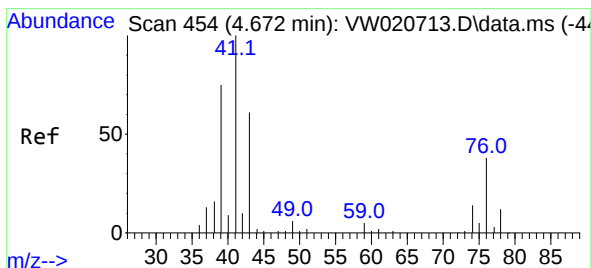
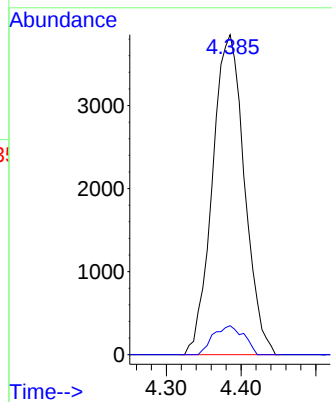
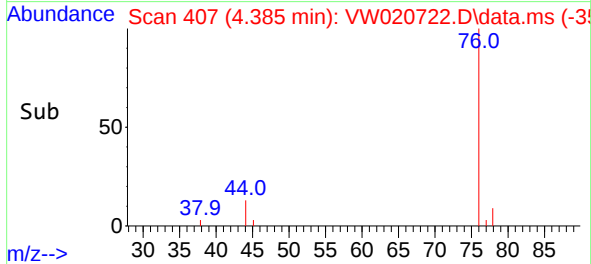


#17
Carbon Disulfide
Concen: 5.429 ug/l
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

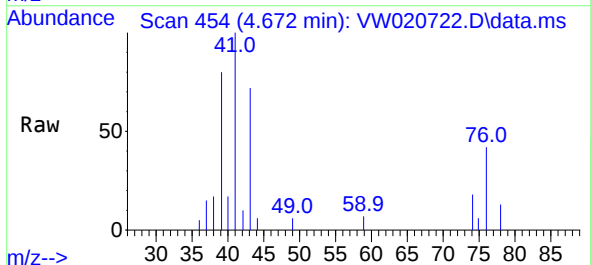
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



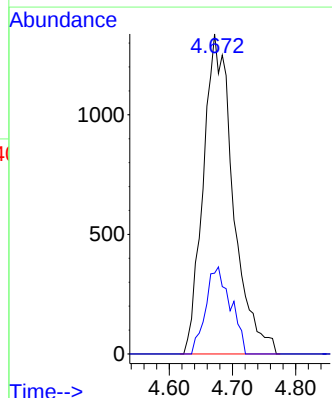
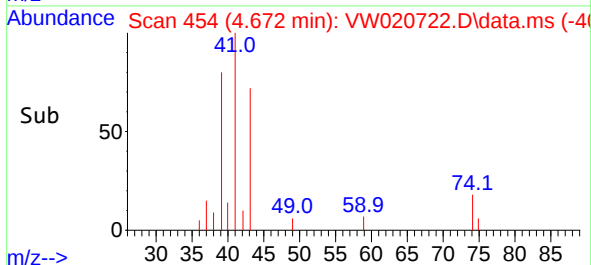
Tgt Ion: 76 Resp: 11486
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

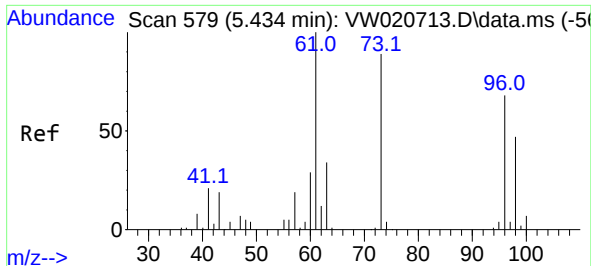


#18
Methyl Acetate
Concen: 6.432 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



Tgt Ion: 43 Resp: 4397
Ion Ratio Lower Upper
43 100
74 22.6 18.8 28.2





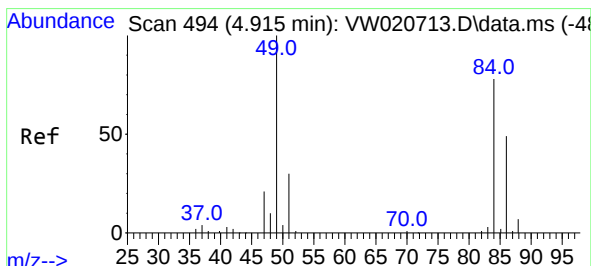
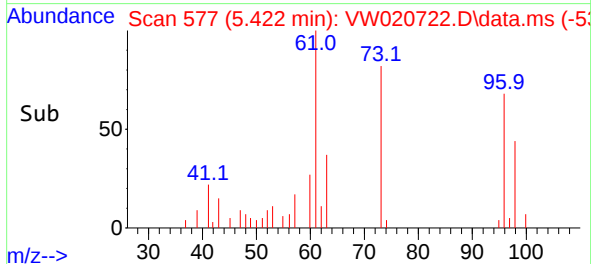
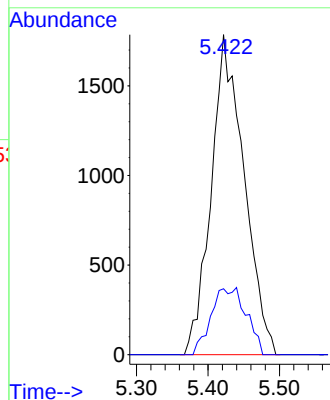
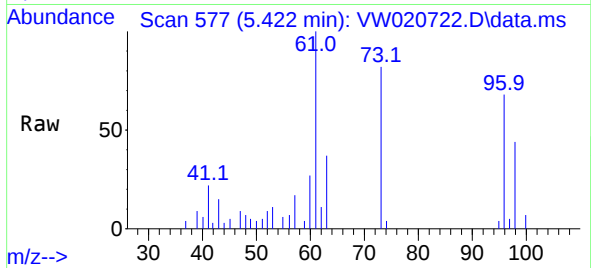
#19
Methyl tert-butyl Ether
Concen: 5.434 ug/l
RT: 5.422 min Scan# 577
Delta R.T. -0.012 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 73 Resp: 5692
Ion Ratio Lower Upper
73 100
57 20.6 16.8 25.2

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

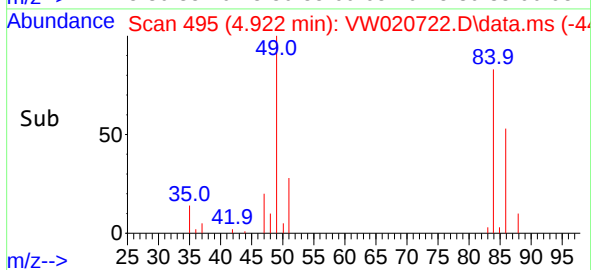
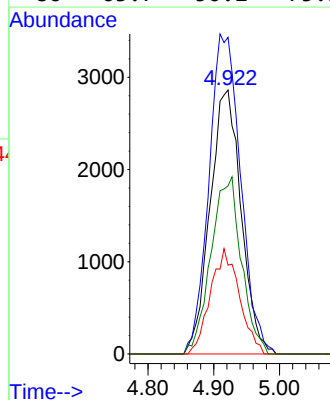
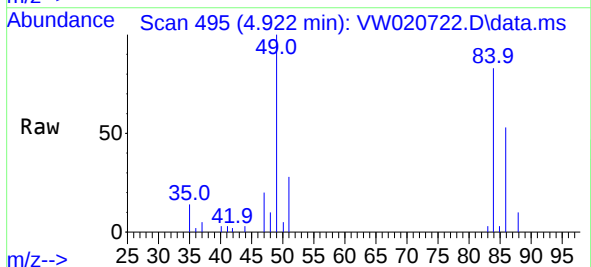
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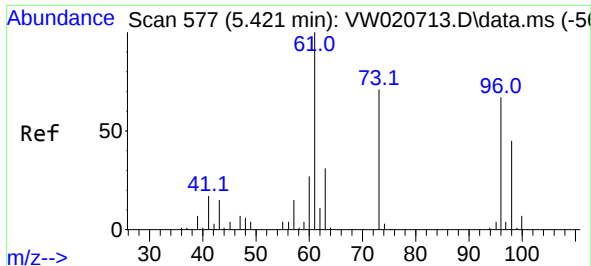
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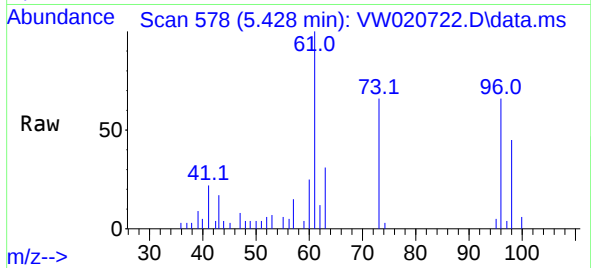
#20
Methylene Chloride
Concen: 9.272 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 84 Resp: 9413
Ion Ratio Lower Upper
84 100
49 120.0 102.0 153.0
51 33.6 30.6 45.8
86 63.7 50.2 75.2



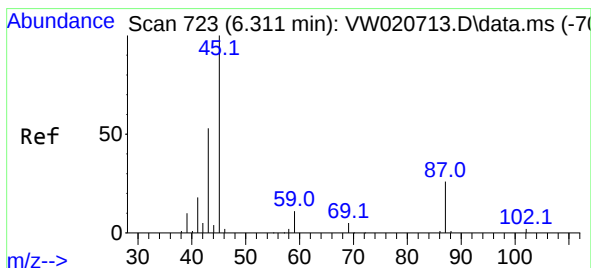
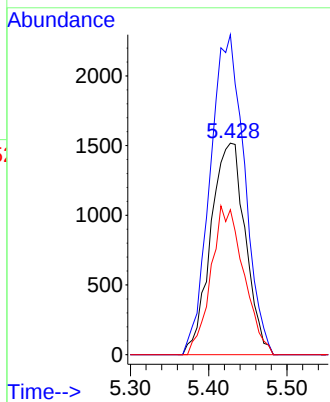
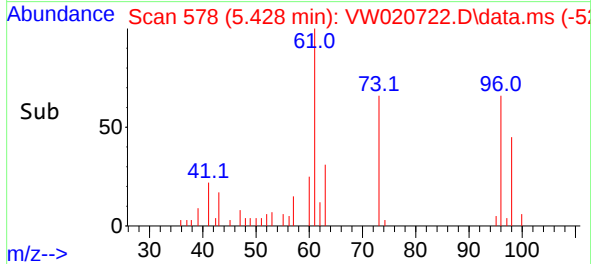


#21
trans-1,2-Dichloroethene
Concen: 5.447 ug/l
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

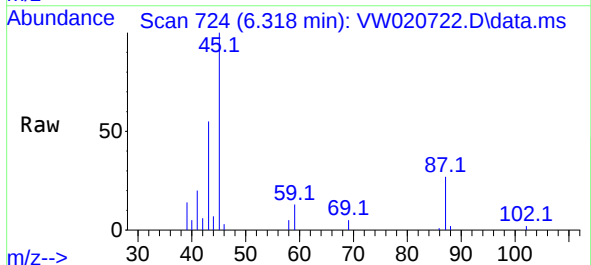


Tgt Ion: 96 Resp: 4657

Ion	Ratio	Lower	Upper
96	100		
61	151.3	119.0	178.6
98	68.5	53.7	80.5

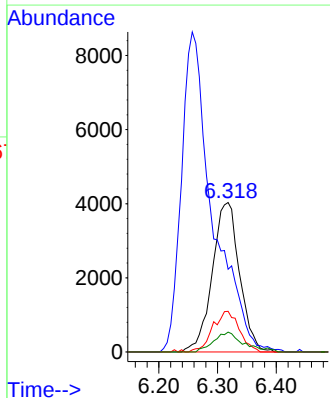
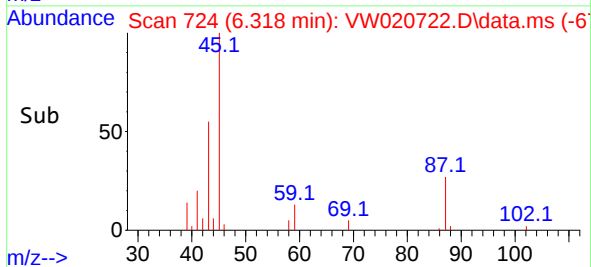


#22
Diisopropyl ether
Concen: 5.308 ug/l
RT: 6.318 min Scan# 724
Delta R.T. 0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



Tgt Ion: 45 Resp: 13016

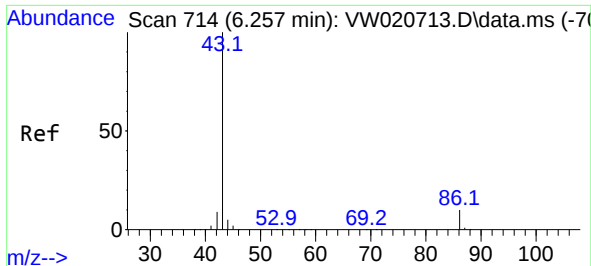
Ion	Ratio	Lower	Upper
45	100		
43	53.7	43.8	65.6
87	27.2	21.6	32.4
59	13.3	9.4	14.0



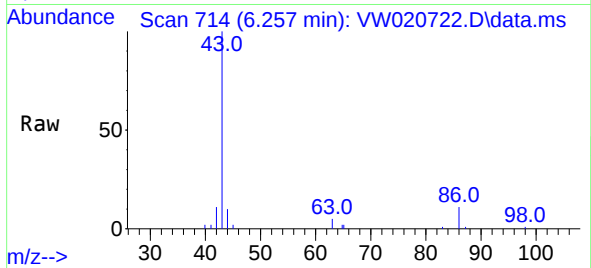
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

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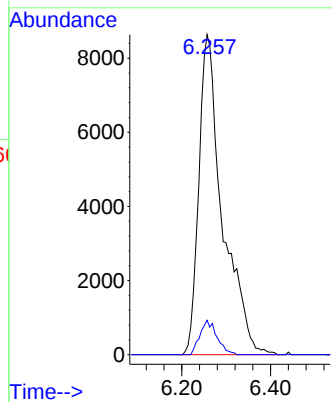
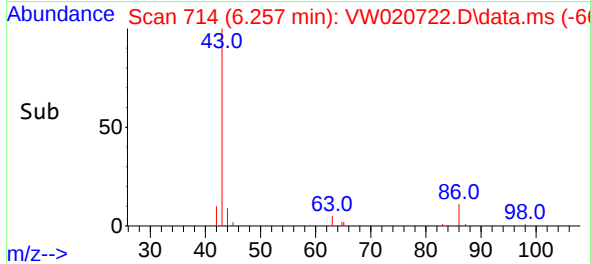
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#23
 Vinyl Acetate
 Concen: 23.947 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW020722.D
 Acq: 28 Oct 2021 18:44



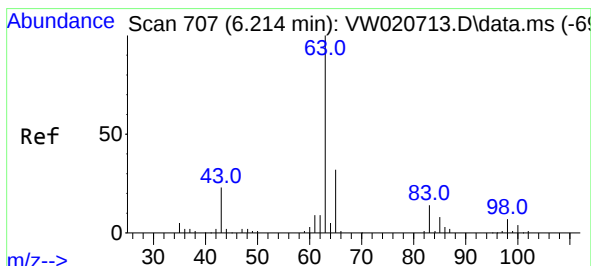
Tgt Ion: 43 Resp: 31955
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.1 12.1



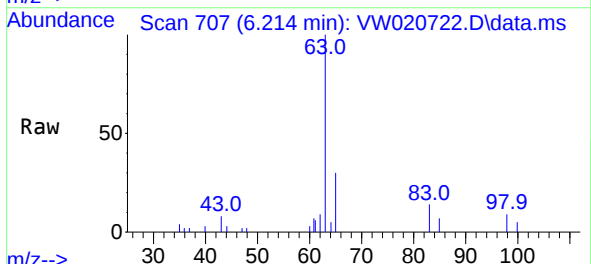
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

Manual Integrations
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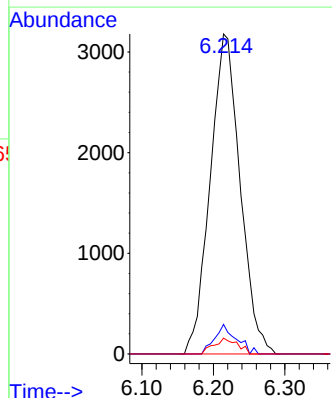
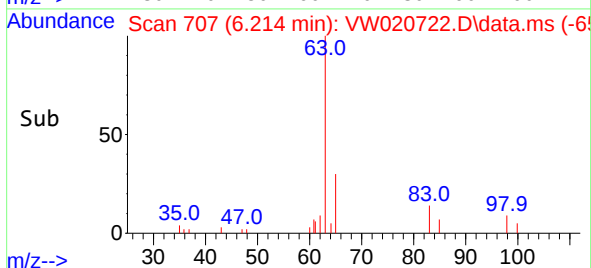
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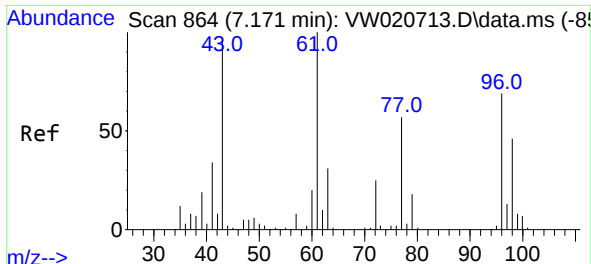


#24
 1,1-Dichloroethane
 Concen: 5.883 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW020722.D
 Acq: 28 Oct 2021 18:44



Tgt Ion: 63 Resp: 9247
 Ion Ratio Lower Upper
 63 100
 98 9.3 3.5 10.6
 100 5.0 2.1 6.5





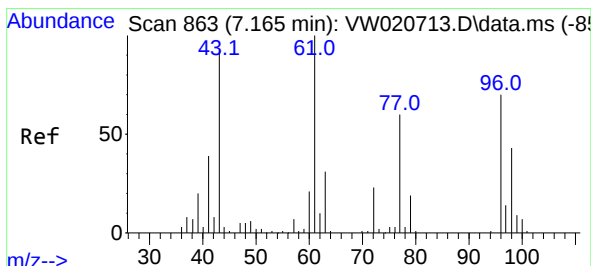
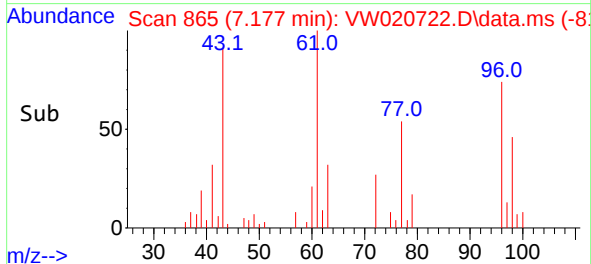
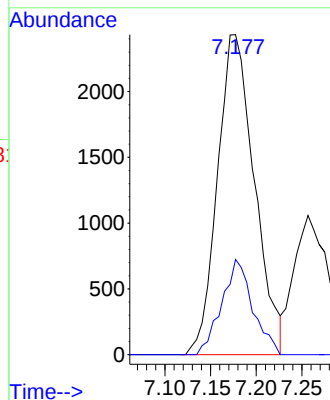
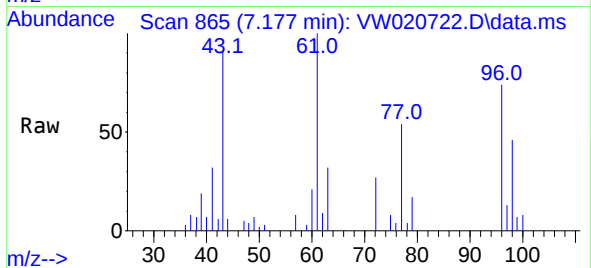
#25
2-Butanone
Concen: 26.640 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 43 Resp: 6851
Ion Ratio Lower Upper
43 100
72 29.7 20.4 30.6

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

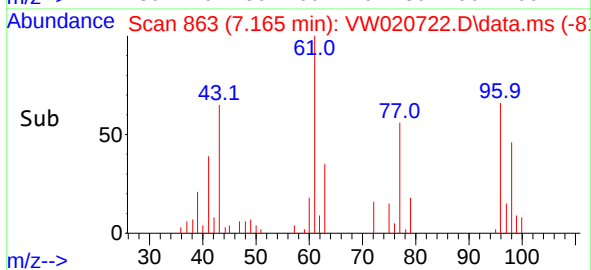
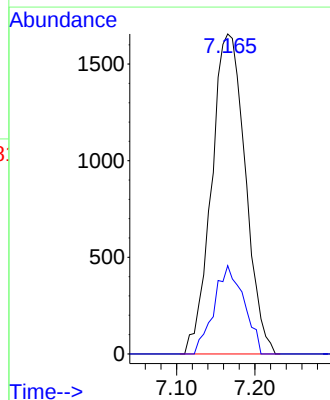
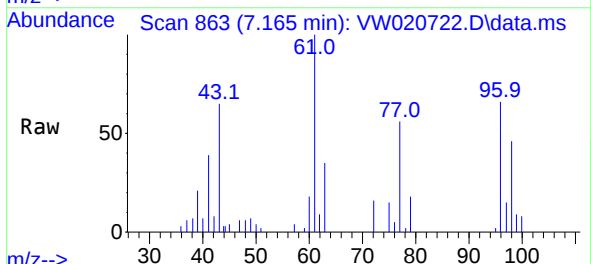
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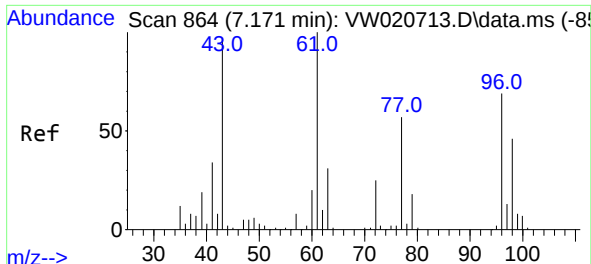
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#26
2,2-Dichloropropane
Concen: 5.665 ug/l
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 77 Resp: 4955
Ion Ratio Lower Upper
77 100
97 24.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 5.568 ug/l

RT: 7.177 min Scan# 865

Delta R.T. 0.006 min

Lab File: VW020722.D

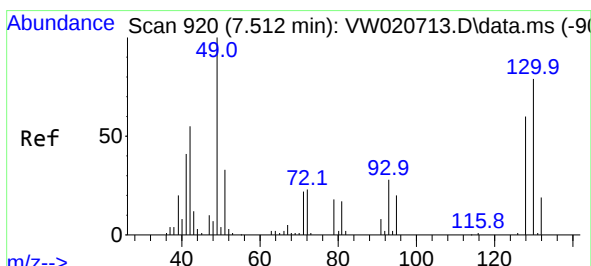
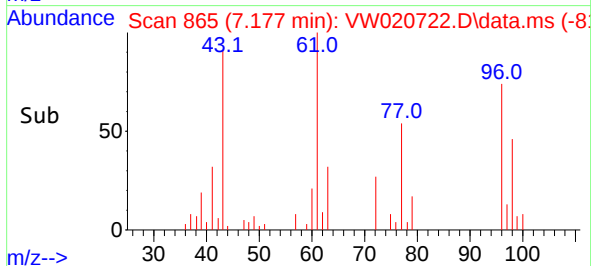
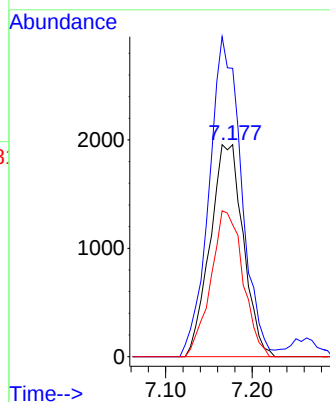
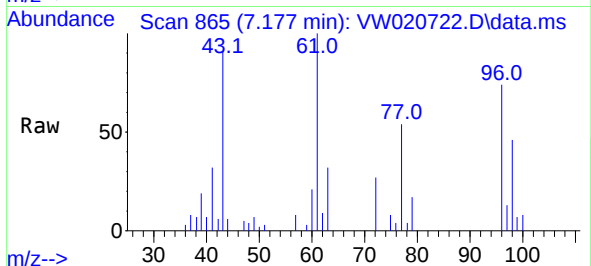
Acq: 28 Oct 2021 18:44

Tgt Ion: 96	Resp: 5207
Ion Ratio	Lower Upper
96 100	
61 146.7	0.0 288.8
98 66.6	0.0 129.2

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

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#28

Bromochloromethane

Concen: 5.876 ug/l

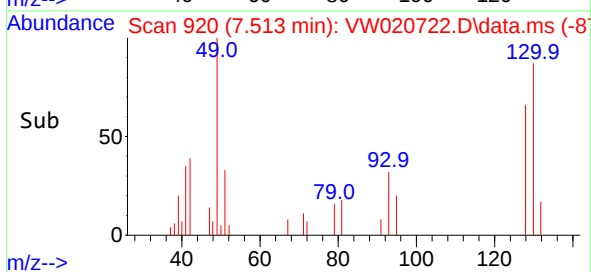
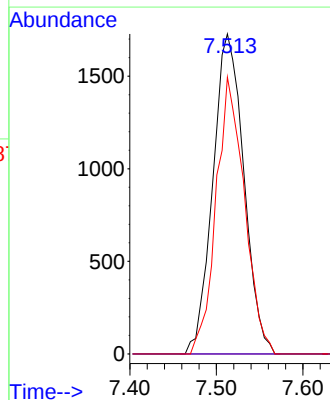
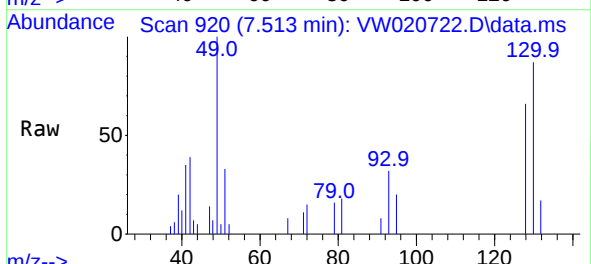
RT: 7.513 min Scan# 920

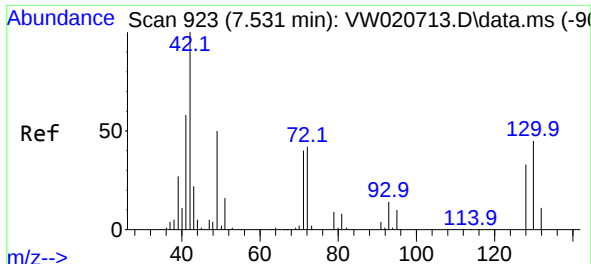
Delta R.T. 0.000 min

Lab File: VW020722.D

Acq: 28 Oct 2021 18:44

Tgt Ion: 49	Resp: 4292
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 0.0
130 79.2	63.7 95.5





#29
Tetrahydrofuran
Concen: 26.104 ug/l
RT: 7.537 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

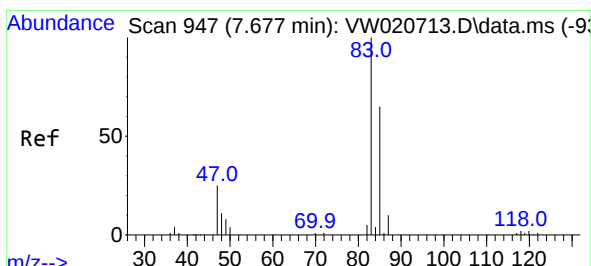
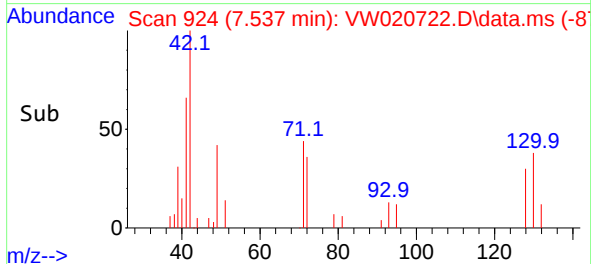
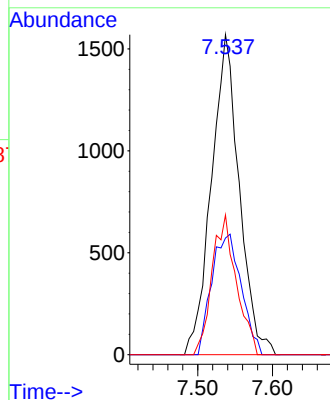
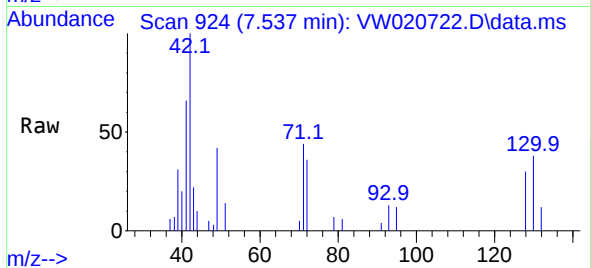
Tgt Ion: 42 Resp: 4062

Ion	Ratio	Lower	Upper
42	100		
72	40.1	33.0	49.6
71	38.1	31.5	47.3

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

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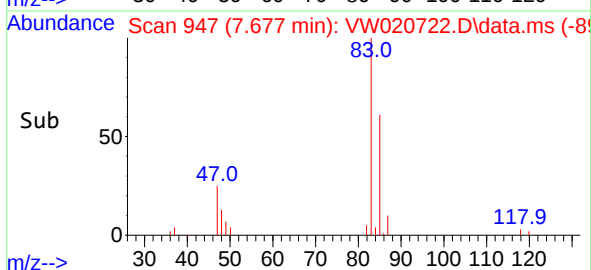
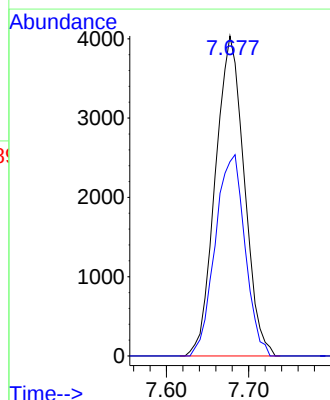
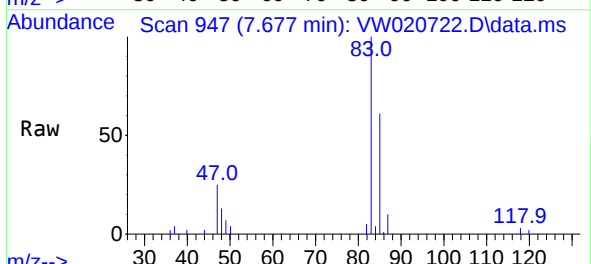
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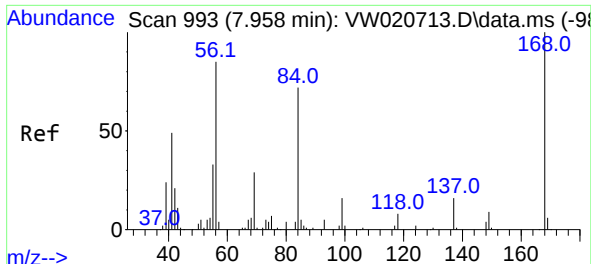


#30
Chloroform
Concen: 5.999 ug/l
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 83 Resp: 9845

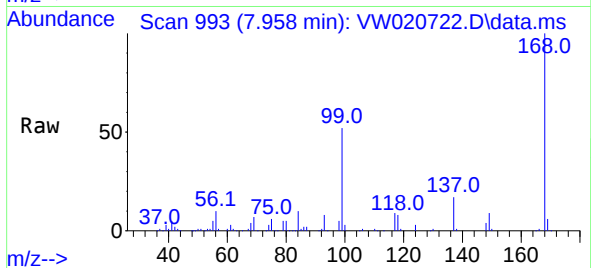
Ion	Ratio	Lower	Upper
83	100		
85	60.7	51.6	77.4





#31
Cyclohexane
Concen: 6.053 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

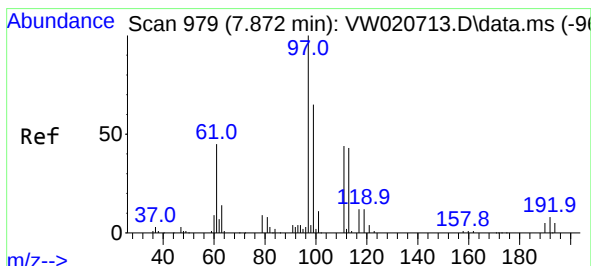
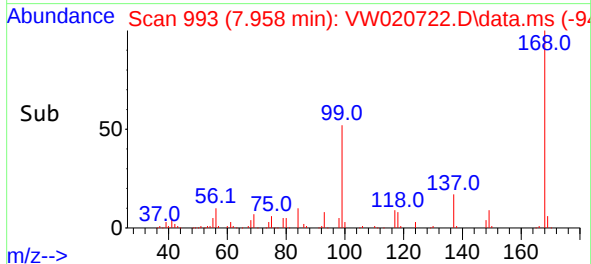
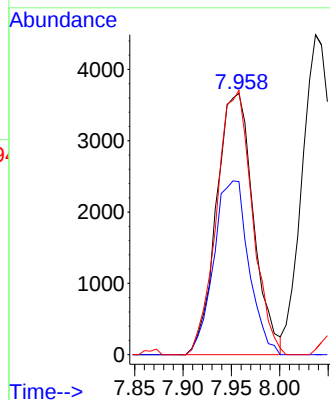
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



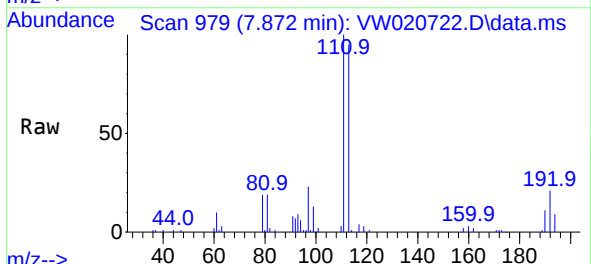
Tgt Ion: 56 Resp: 9697
Ion Ratio Lower Upper
56 100
69 66.3 26.9 40.3#
84 101.2 68.1 102.1

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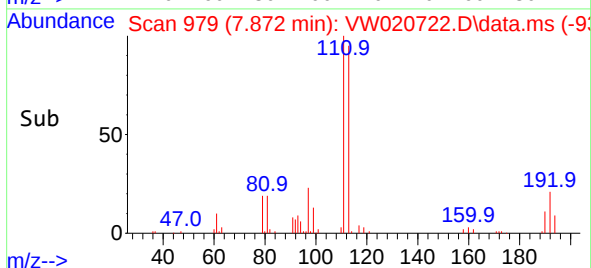
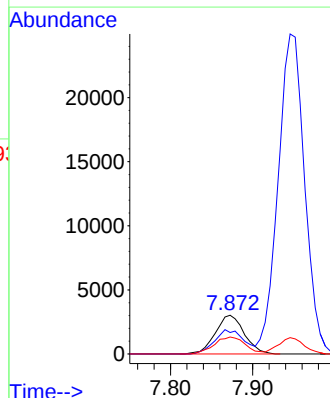
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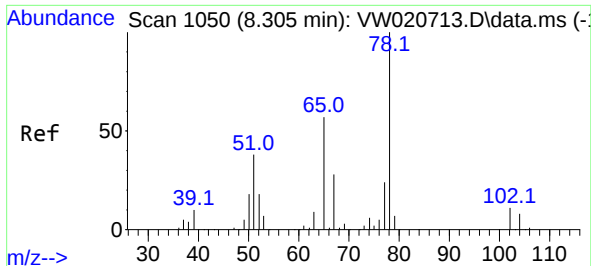


#32
1,1,1-Trichloroethane
Concen: 5.859 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



Tgt Ion: 97 Resp: 7362
Ion Ratio Lower Upper
97 100
99 63.8 51.9 77.9
61 47.8 36.5 54.7





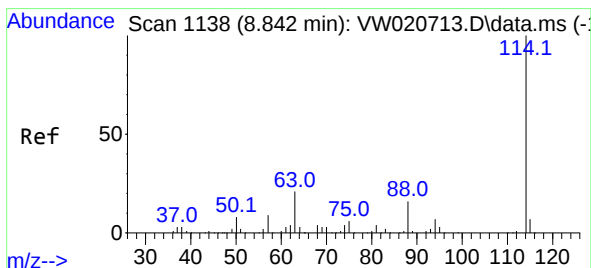
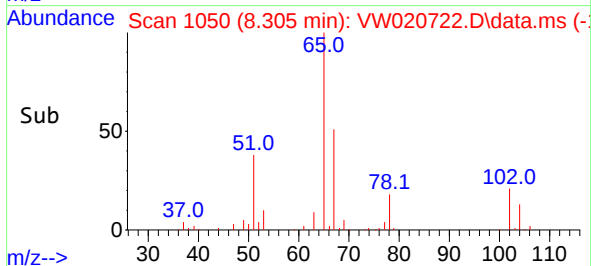
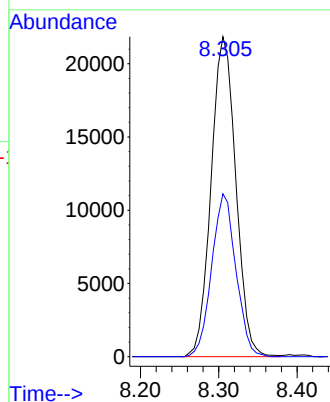
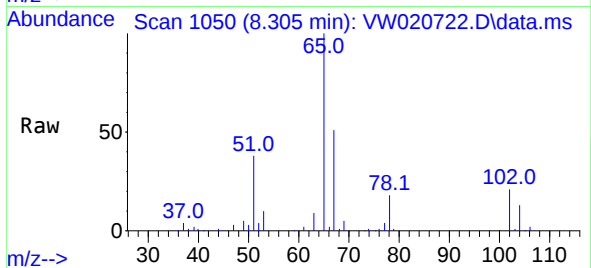
#33
1,2-Dichloroethane-d4
Concen: 50.059 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 65 Resp: 47855
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.8

Instrument :
MSVOA_W
ClientSampleId :
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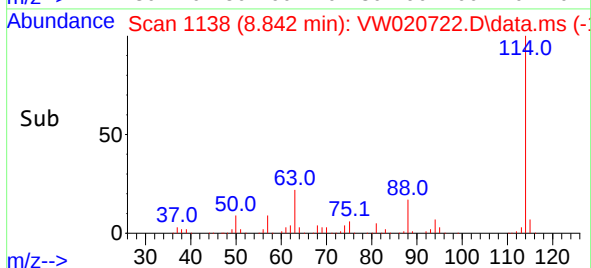
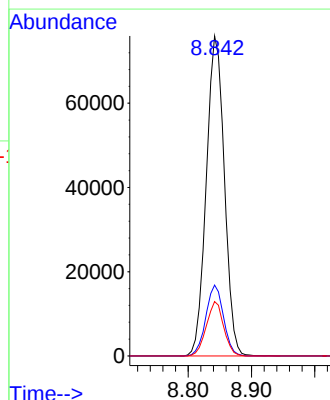
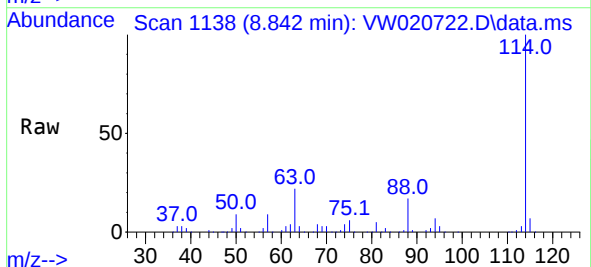
Manual Integrations
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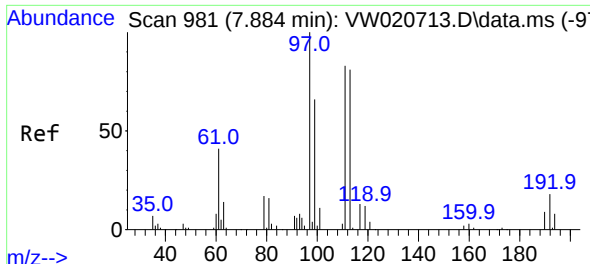
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

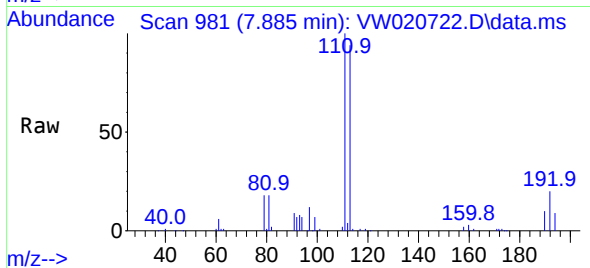
Tgt Ion: 114 Resp: 151063
Ion Ratio Lower Upper
114 100
63 22.2 0.0 41.4
88 17.0 0.0 32.8





#35
Dibromofluoromethane
Concen: 47.679 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

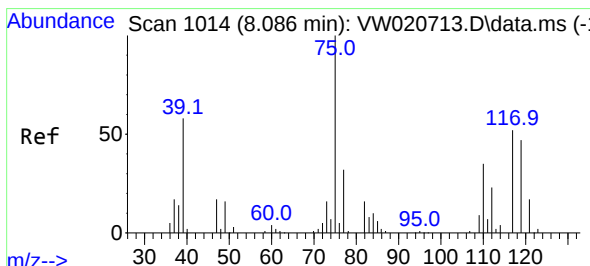
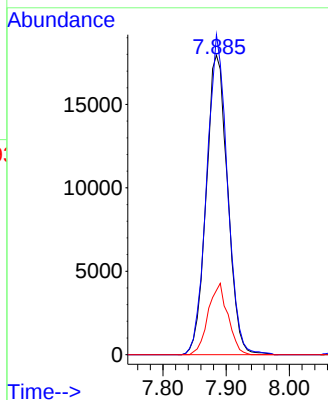
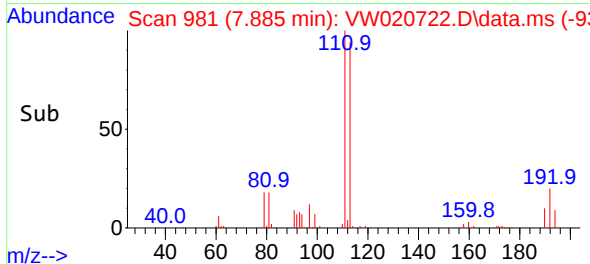
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



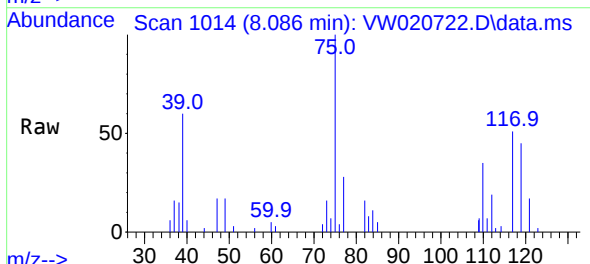
Tgt Ion:113 Resp: 42252
Ion Ratio Lower Upper
113 100
111 103.2 82.3 123.5
192 21.9 17.7 26.5

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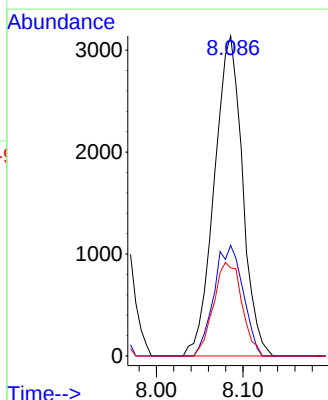
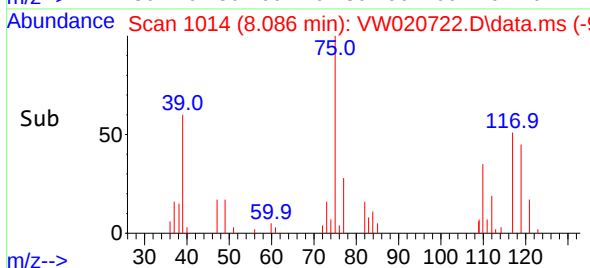
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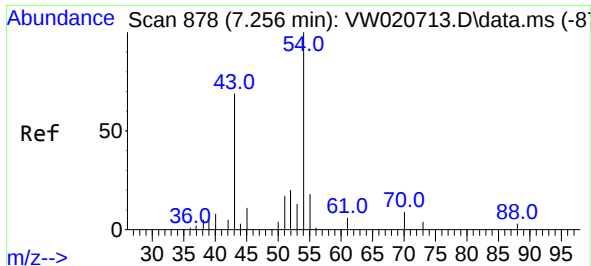


#36
1,1-Dichloropropene
Concen: 5.260 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



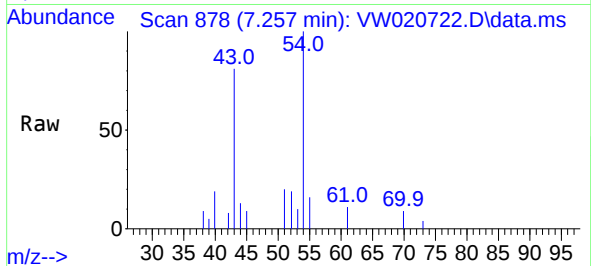
Tgt Ion: 75 Resp: 7088
Ion Ratio Lower Upper
75 100
110 35.6 17.3 52.0
77 29.4 24.8 37.2





#37
Ethyl Acetate
Concen: 5.077 ug/l
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

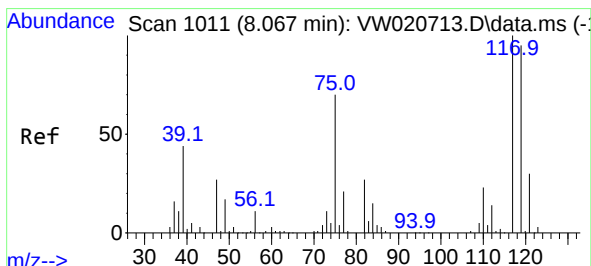
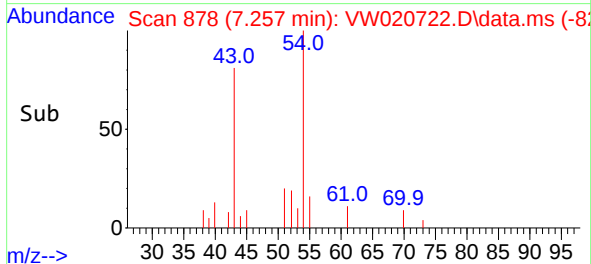
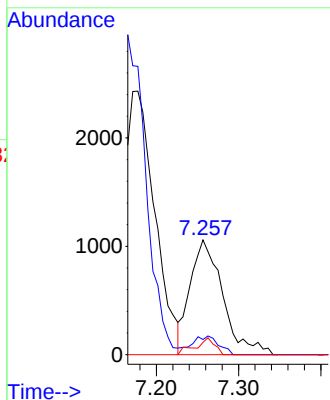
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



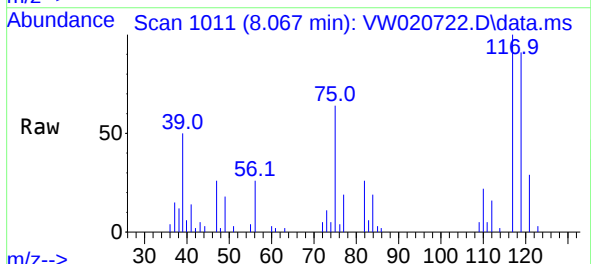
Tgt Ion: 43 Resp: 2920
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.4
70 8.6 8.6 13.0#

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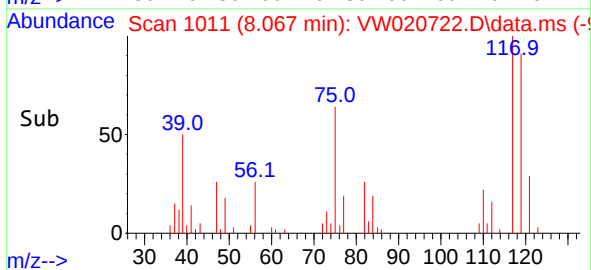
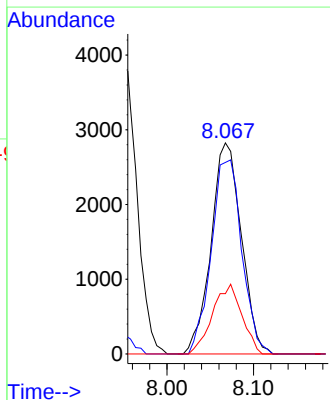
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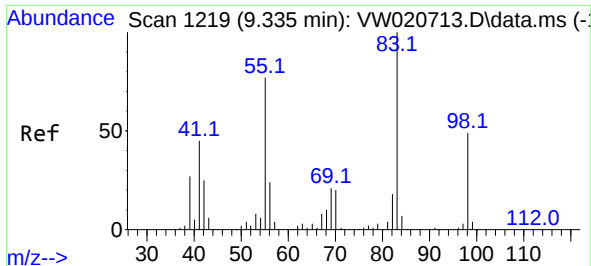


#38
Carbon Tetrachloride
Concen: 5.540 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



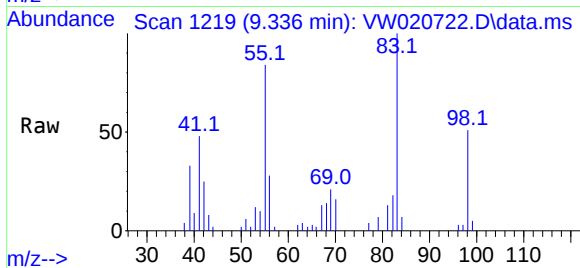
Tgt Ion: 117 Resp: 6875
Ion Ratio Lower Upper
117 100
119 90.7 76.1 114.1
121 28.6 24.2 36.4





#39
Methylcyclohexane
Concen: 4.956 ug/l
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

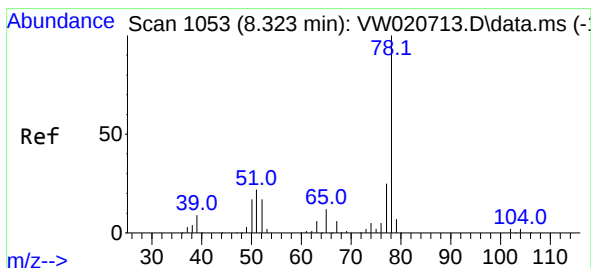
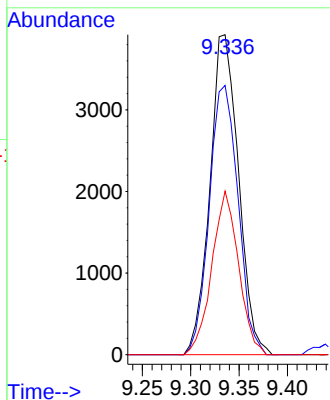
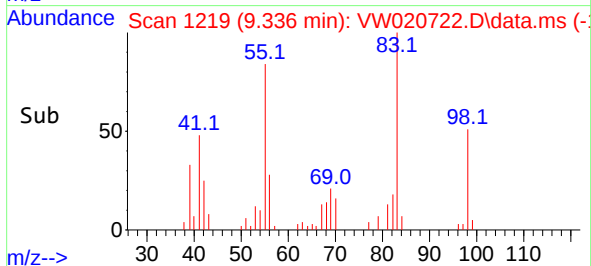
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



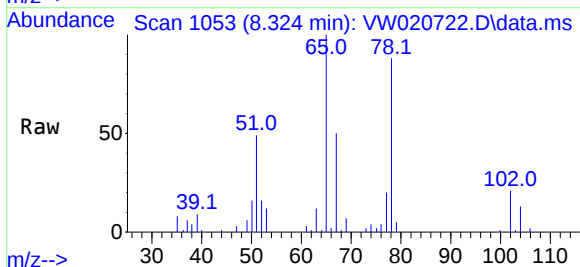
Tgt Ion: 83 Resp: 8070
Ion Ratio Lower Upper
83 100
55 84.2 61.6 92.4
98 51.1 39.0 58.6

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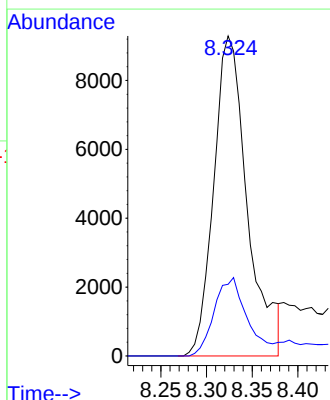
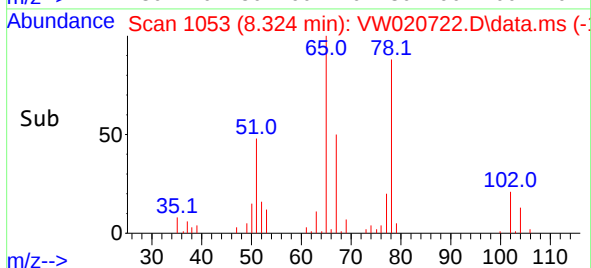
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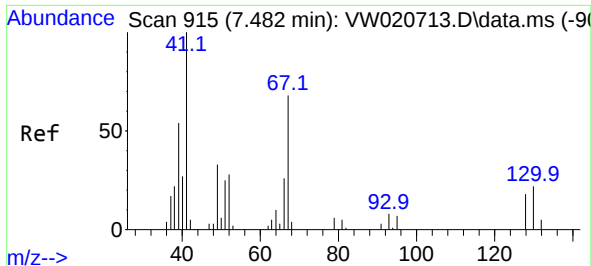


#40
Benzene
Concen: 6.145 ug/l
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

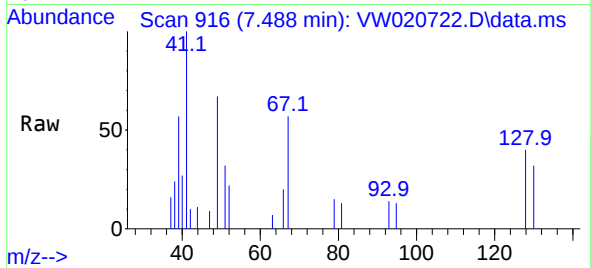


Tgt Ion: 78 Resp: 23768
Ion Ratio Lower Upper
78 100
77 22.4 19.6 29.4



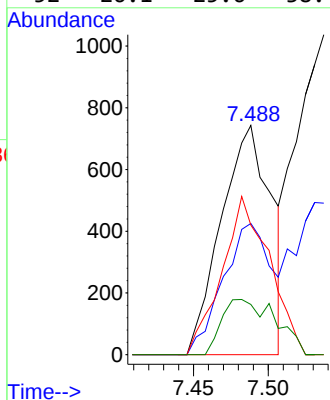


#41
Methacrylonitrile
Concen: 5.078 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



Tgt Ion: 41 Resp: 1718

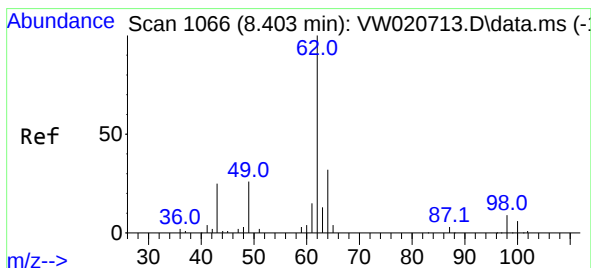
Ion	Ratio	Lower	Upper
41	100		
39	55.5	49.4	74.2
67	65.8	58.9	88.3
52	26.1	25.6	38.4



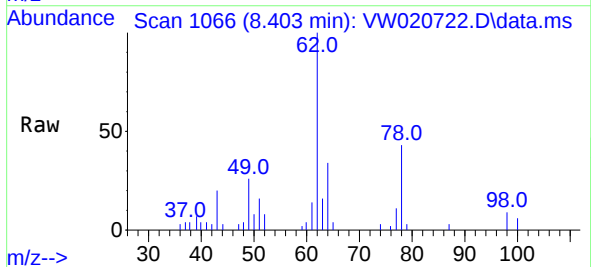
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

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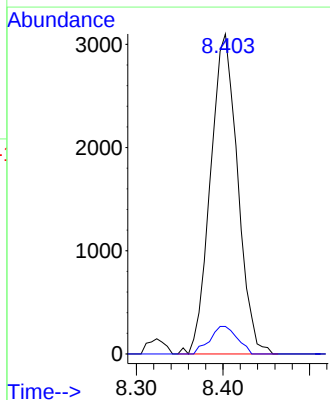
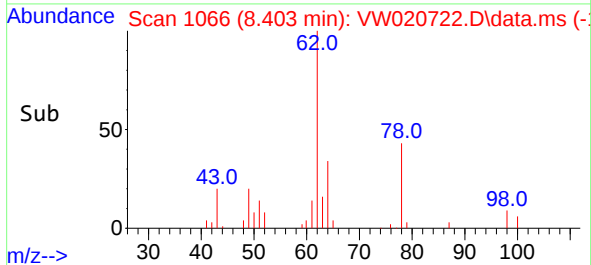


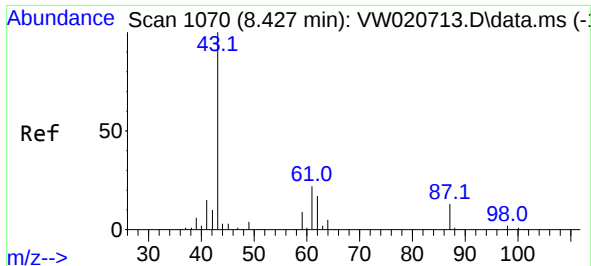
#42
1,2-Dichloroethane
Concen: 5.686 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



Tgt Ion: 62 Resp: 6759

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8





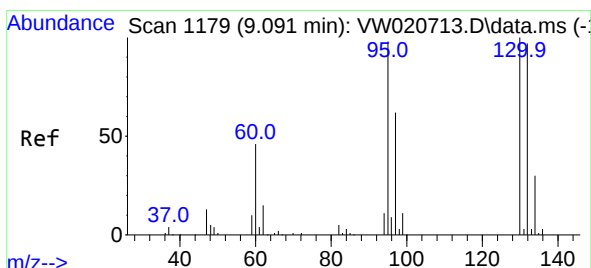
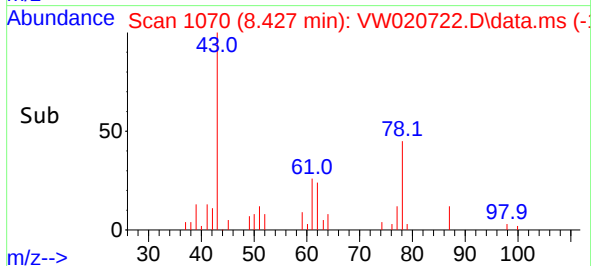
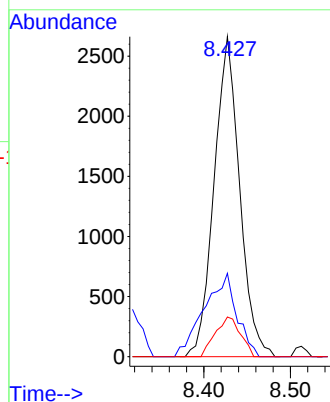
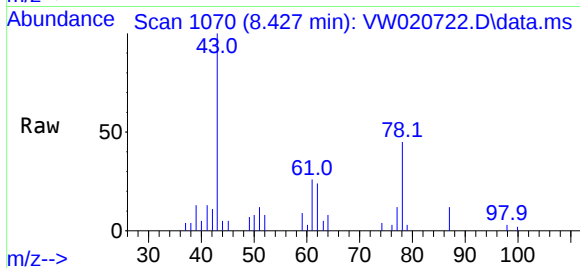
#43
Isopropyl Acetate
Concen: 4.948 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion:	43	Resp:	5450
Ion	Ratio	Lower	Upper
43	100		
61	33.3	24.1	36.1
87	12.2	10.5	15.7

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

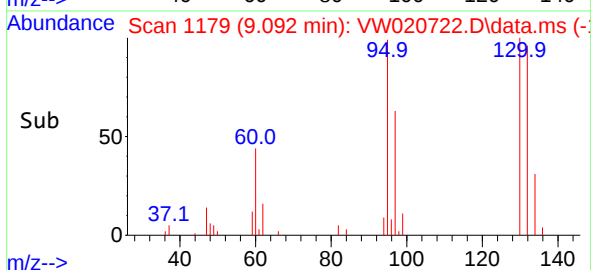
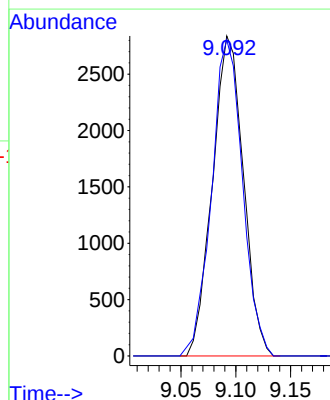
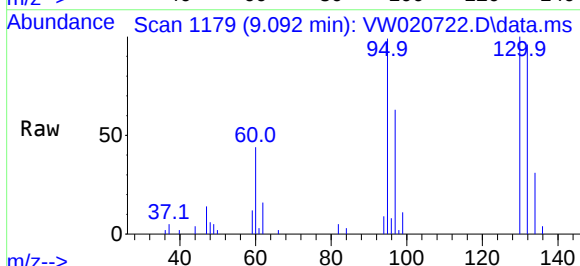
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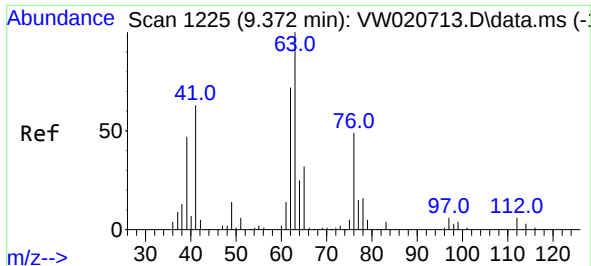
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#44
Trichloroethene
Concen: 5.477 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion:	130	Resp:	5565
Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	196.2





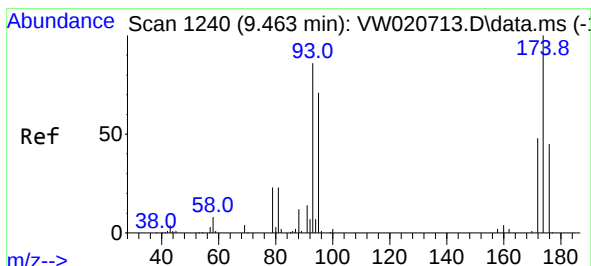
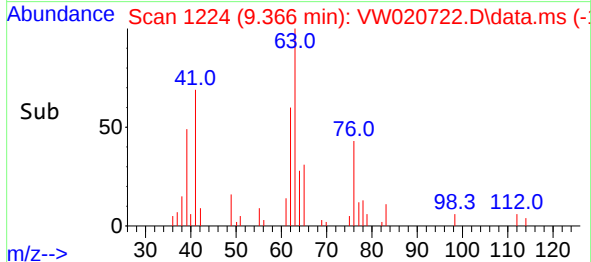
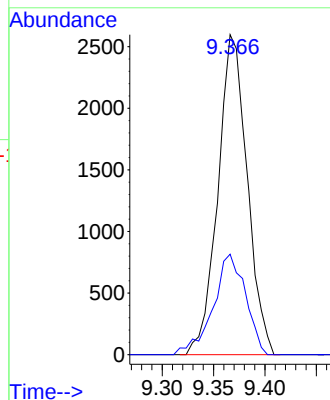
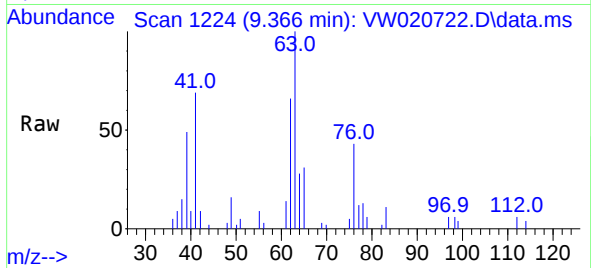
#45
1,2-Dichloropropane
Concen: 5.650 ug/l
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 63 Resp: 5154
Ion Ratio Lower Upper
63 100
65 31.4 25.2 37.8

Instrument :
MSVOA_W
ClientSampleId :
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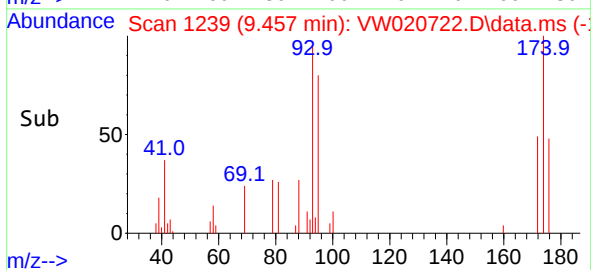
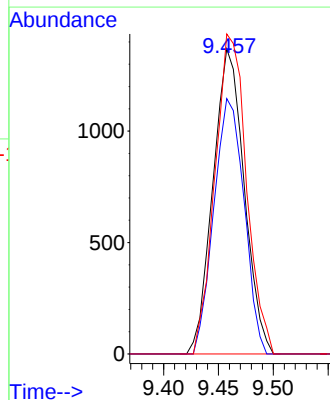
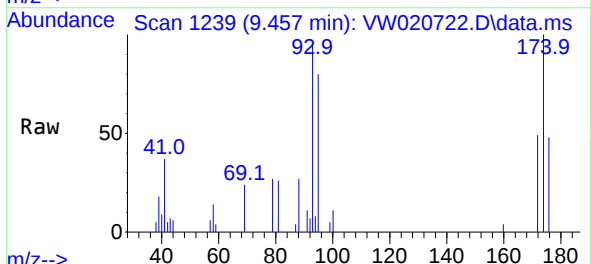
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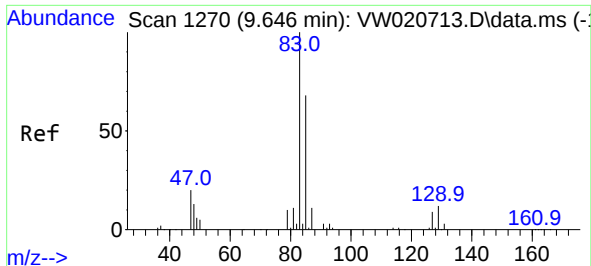
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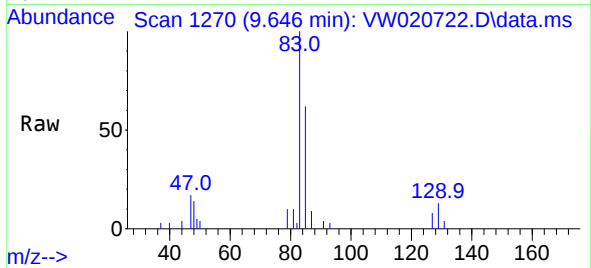
#46
Dibromomethane
Concen: 5.457 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 93 Resp: 2705
Ion Ratio Lower Upper
93 100
95 81.2 66.7 100.1
174 105.9 90.4 135.6



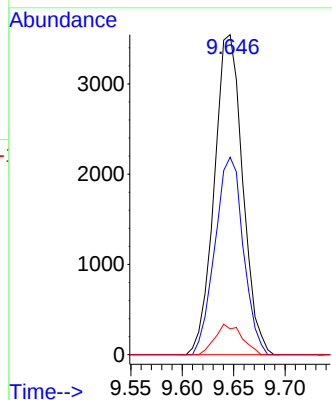


#47
Bromodichloromethane
Concen: 5.405 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



Tgt Ion: 83 Resp: 6802

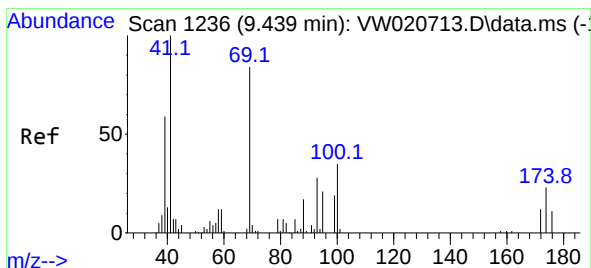
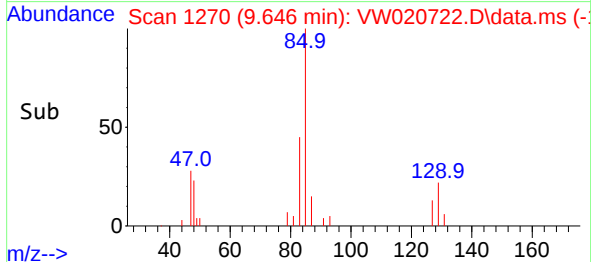
Ion	Ratio	Lower	Upper
83	100		
85	61.7	54.0	81.0
127	8.0	7.0	10.6



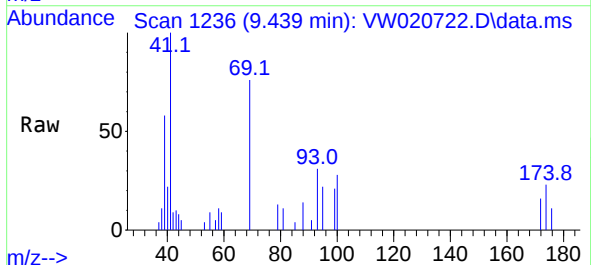
Instrument :
MSVOA_W
ClientSampleId :
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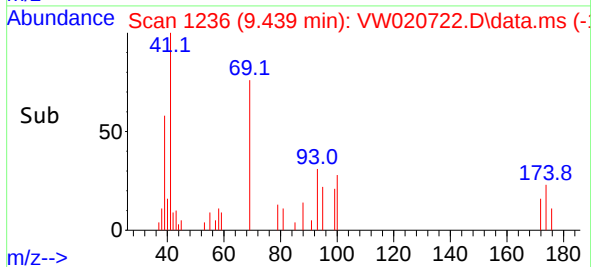
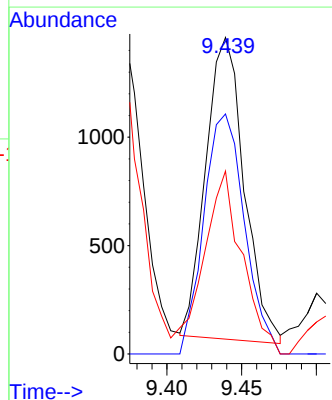


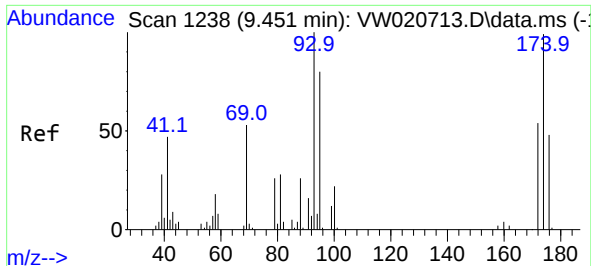
#48
Methyl methacrylate
Concen: 4.607 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



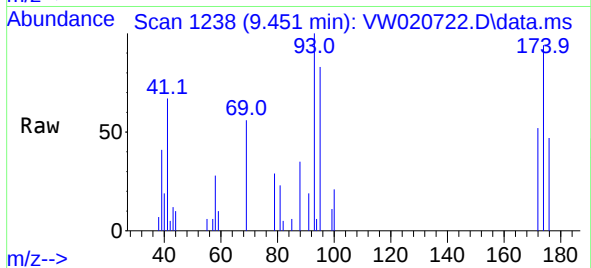
Tgt Ion: 41 Resp: 2485

Ion	Ratio	Lower	Upper
41	100		
69	84.5	67.4	101.0
39	60.9	47.2	70.8



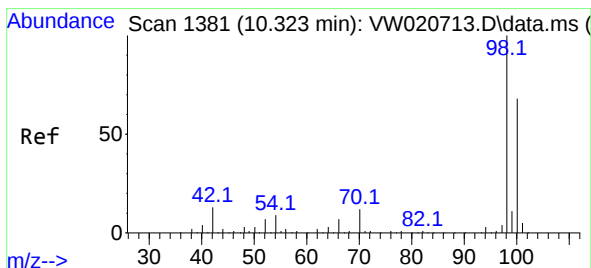
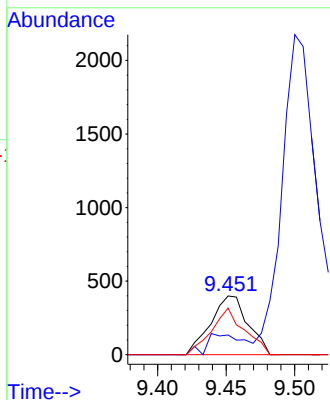
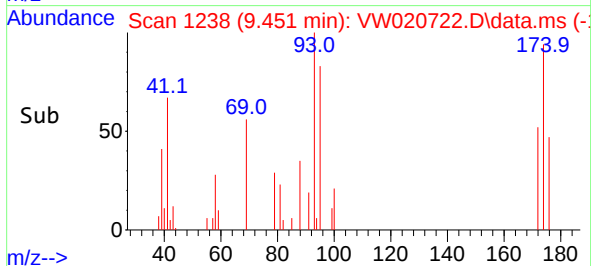


#49
1,4-Dioxane
Concen: 115.036 ug/l
RT: 9.451 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

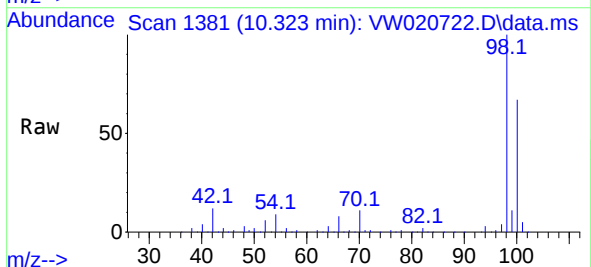


Tgt Ion: 88 Resp: 756

Ion	Ratio	Lower	Upper
88	100		
43	35.8	29.1	43.7
58	70.1	58.6	88.0

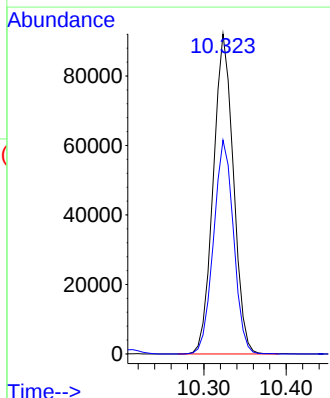
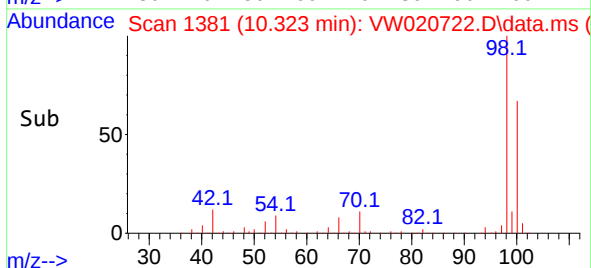


#50
Toluene-d8
Concen: 47.108 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



Tgt Ion: 98 Resp: 156664

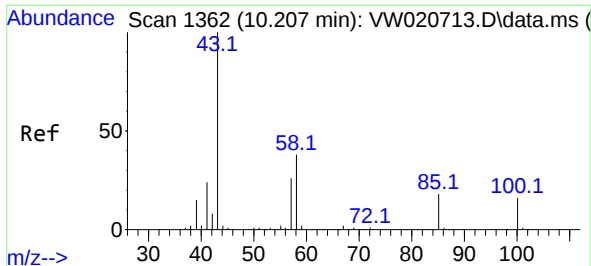
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4



Instrument :
MSVOA_W
ClientSampleId :
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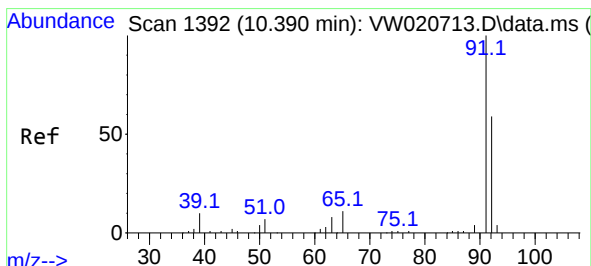
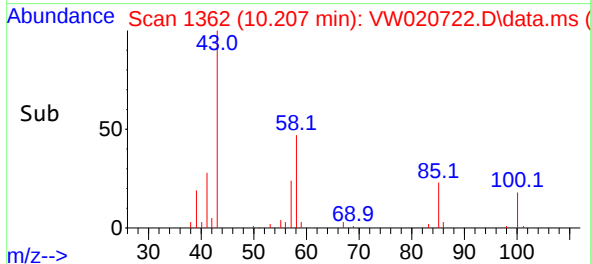
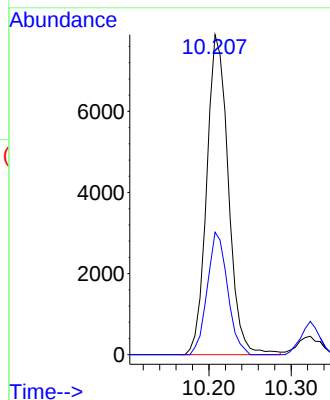
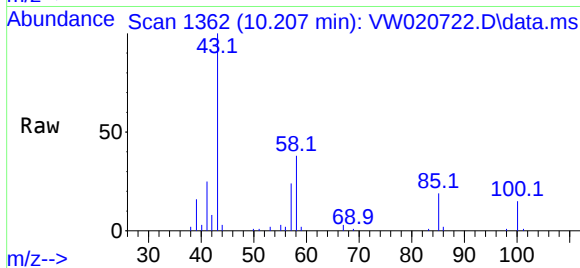
#51
4-Methyl-2-Pentanone
Concen: 25.021 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 43 Resp: 14419
Ion Ratio Lower Upper
43 100
58 35.9 31.0 46.4

Instrument :
MSVOA_W
ClientSampleId :
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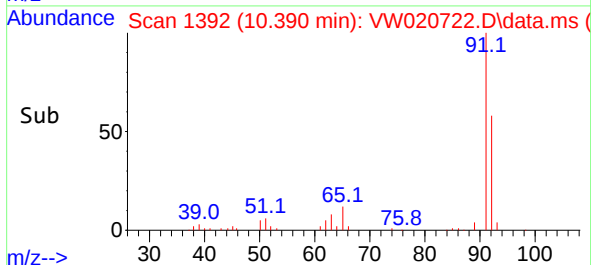
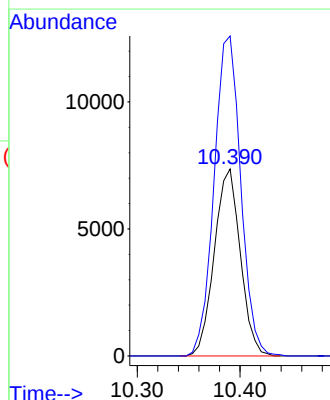
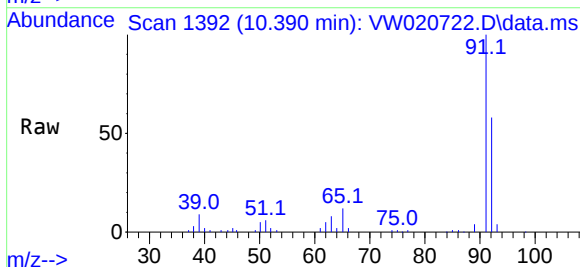
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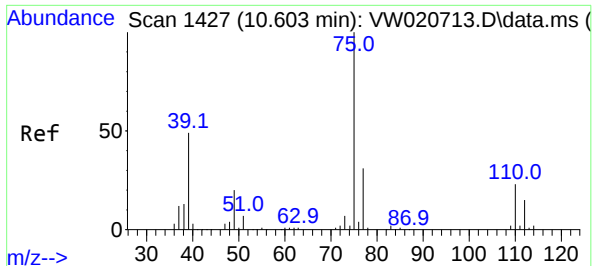
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#52
Toluene
Concen: 5.466 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 92 Resp: 12923
Ion Ratio Lower Upper
92 100
91 175.6 135.4 203.2





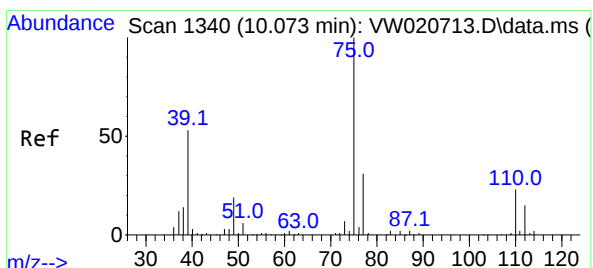
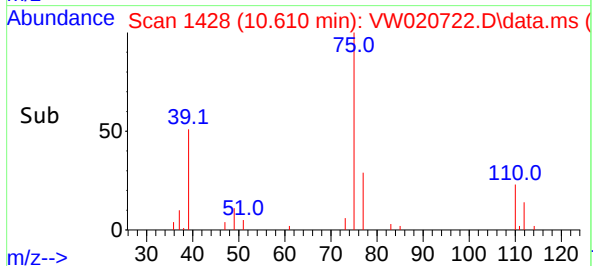
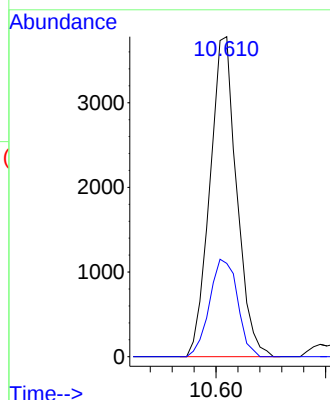
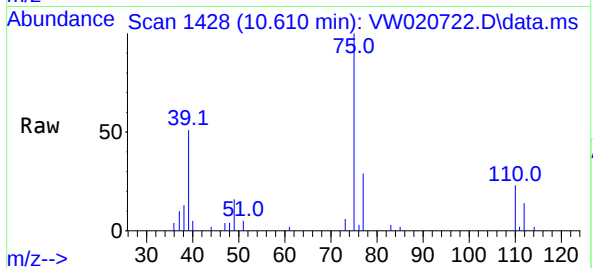
#53
t-1,3-Dichloropropene
Concen: 5.060 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 75 Resp: 6415
Ion Ratio Lower Upper
75 100
77 29.2 25.0 37.6

Instrument :
MSVOA_W
ClientSampleId :
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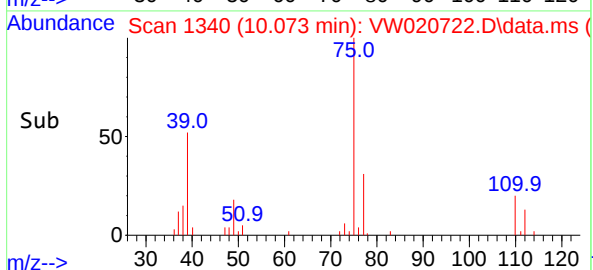
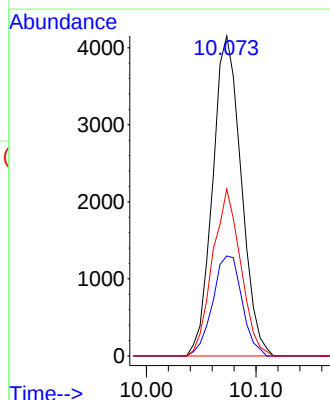
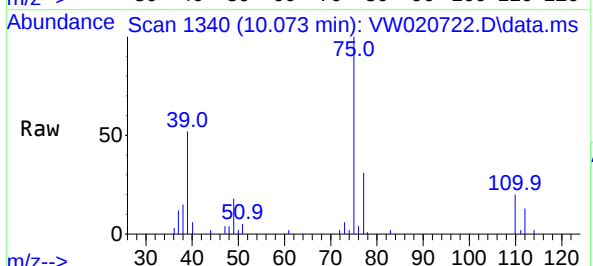
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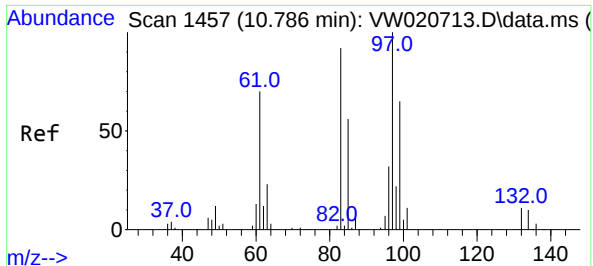
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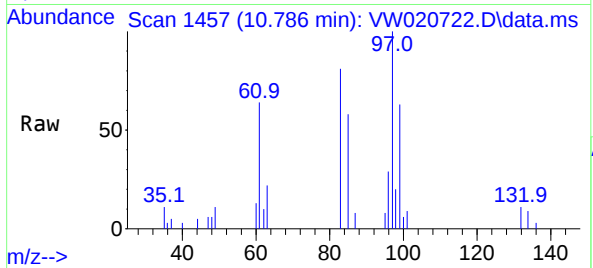
#54
cis-1,3-Dichloropropene
Concen: 5.147 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 75 Resp: 7506
Ion Ratio Lower Upper
75 100
77 31.3 24.9 37.3
39 52.1 42.6 63.8



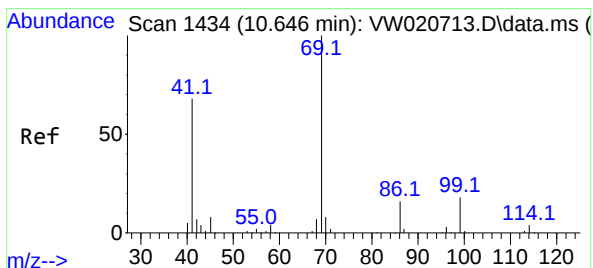
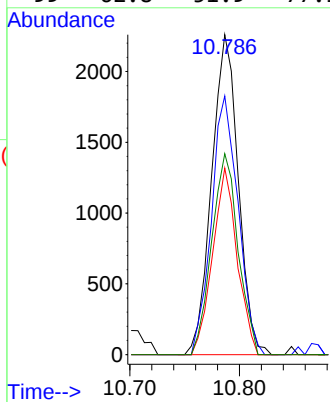
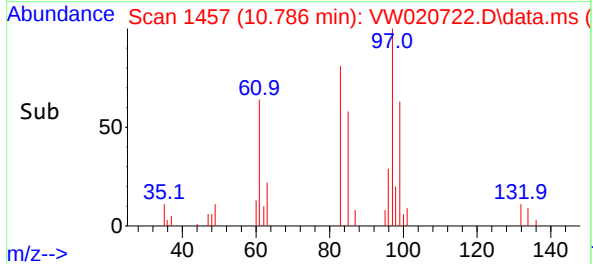


#55
1,1,2-Trichloroethane
Concen: 5.503 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

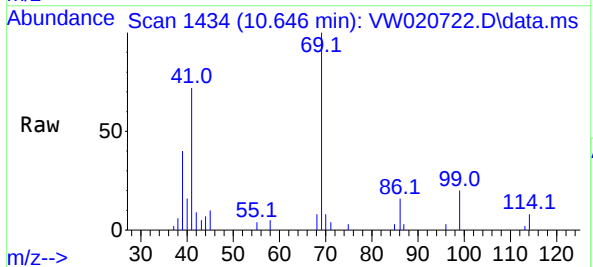


Tgt Ion: 97 Resp: 3805

Ion	Ratio	Lower	Upper
97	100		
83	80.8	73.9	110.9
85	58.3	44.8	67.2
99	62.8	51.9	77.9

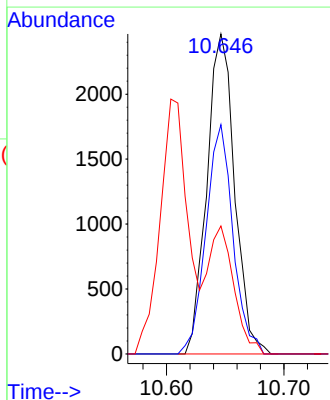
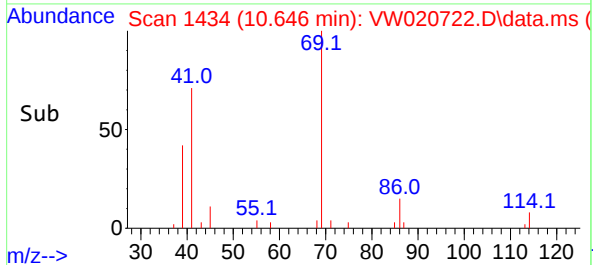


#56
Ethyl methacrylate
Concen: 4.700 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



Tgt Ion: 69 Resp: 4059

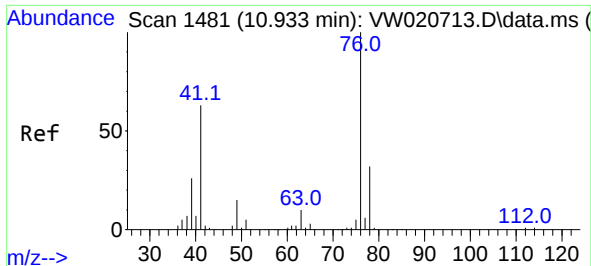
Ion	Ratio	Lower	Upper
69	100		
41	69.7	55.5	83.3
39	37.2	29.6	44.4



Instrument :
MSVOA_W
ClientSampleId :
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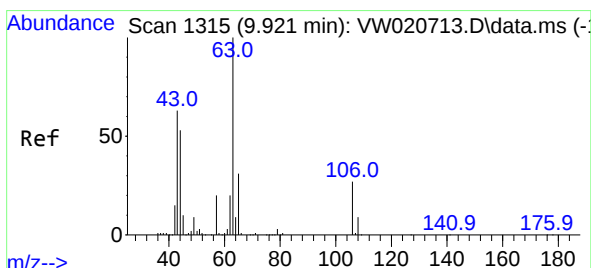
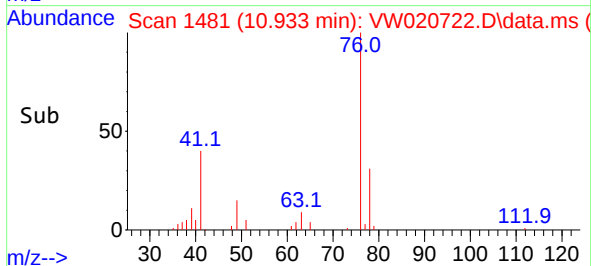
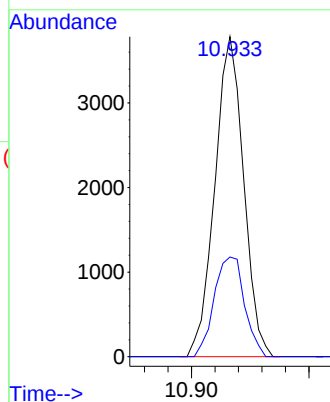
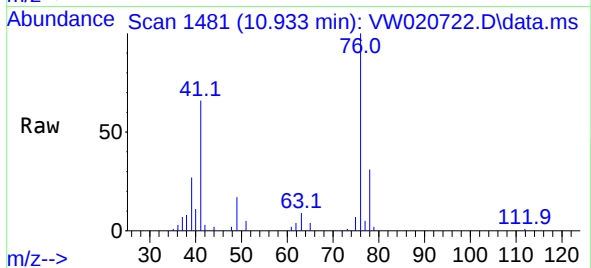
#57
1,3-Dichloropropane
Concen: 5.333 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 76 Resp: 6433
Ion Ratio Lower Upper
76 100
78 32.8 25.7 38.5

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

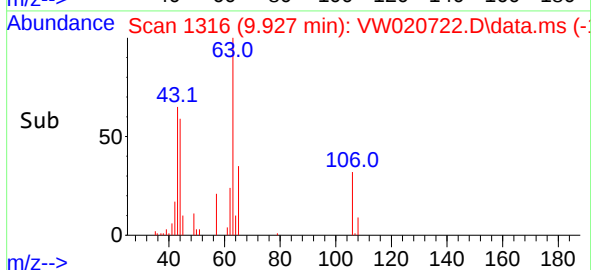
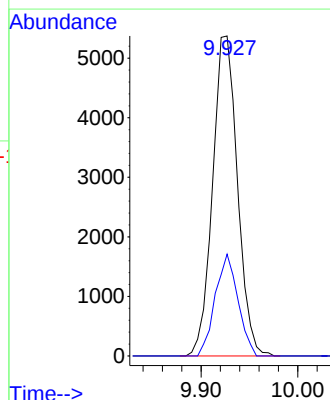
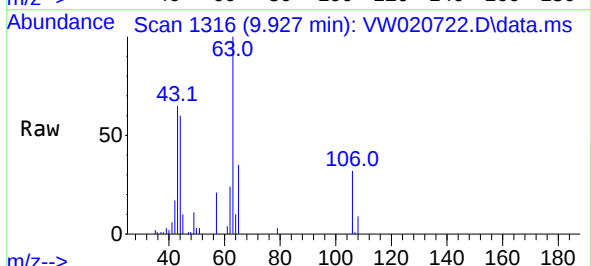
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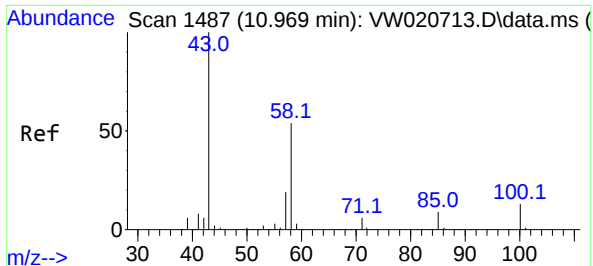
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#58
2-Chloroethyl Vinyl ether
Concen: 23.435 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 63 Resp: 9598
Ion Ratio Lower Upper
63 100
106 29.0 23.1 34.7





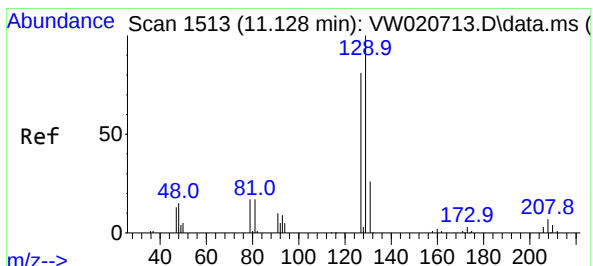
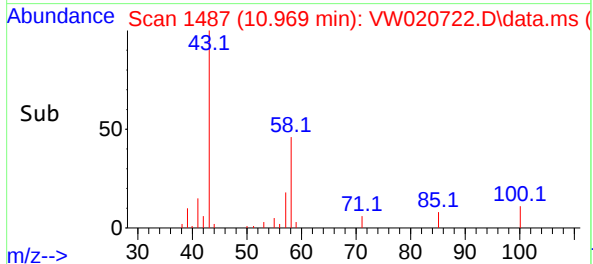
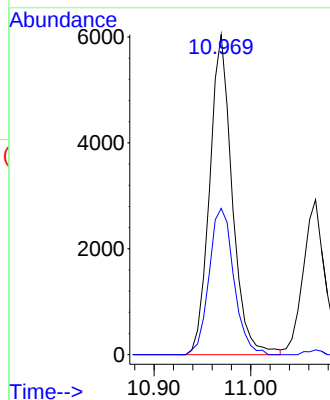
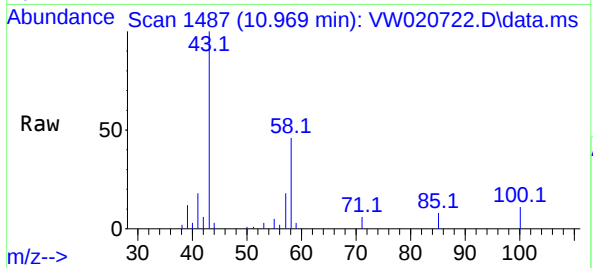
#59
2-Hexanone
Concen: 24.040 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 43 Resp: 9797
Ion Ratio Lower Upper
43 100
58 50.1 26.7 80.0

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

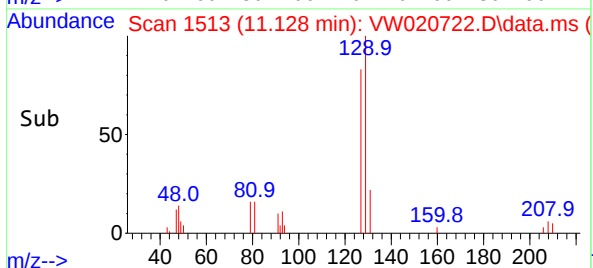
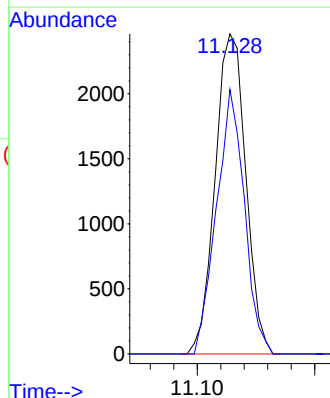
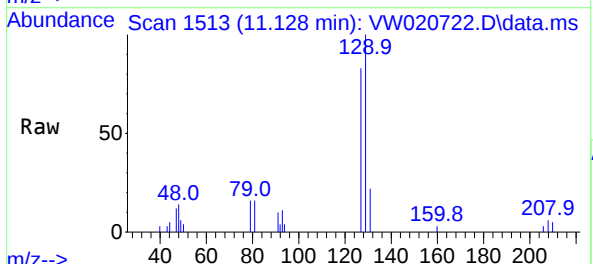
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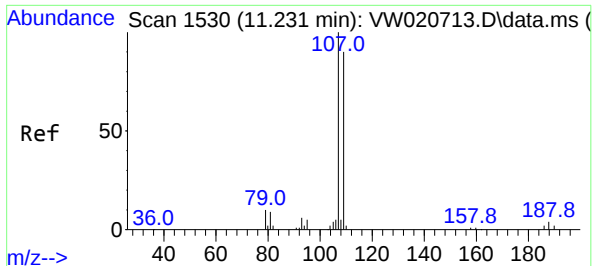
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#60
Dibromochloromethane
Concen: 5.395 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

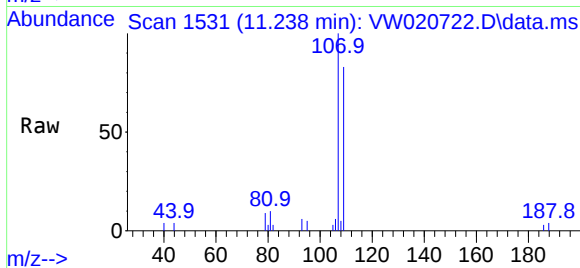
Tgt Ion: 129 Resp: 4458
Ion Ratio Lower Upper
129 100
127 75.3 39.3 117.9





#61
1,2-Dibromoethane
Concen: 5.177 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

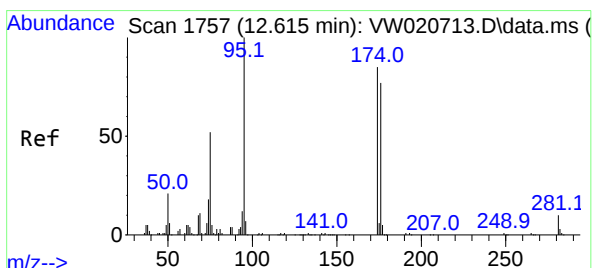
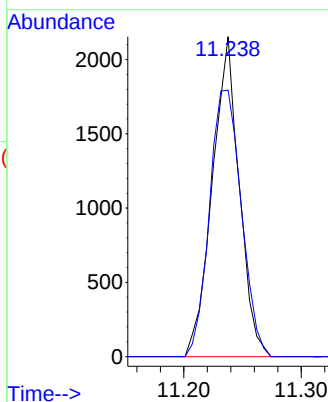
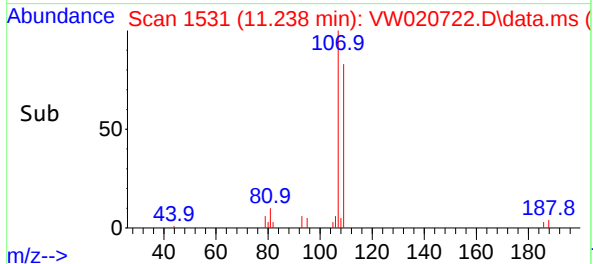
Instrument :
MSVOA_W
ClientSampleId :
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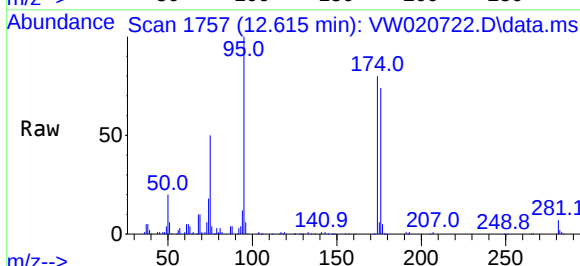
Tgt Ion:107 Resp: 3426
Ion Ratio Lower Upper
107 100
109 98.5 74.9 112.3

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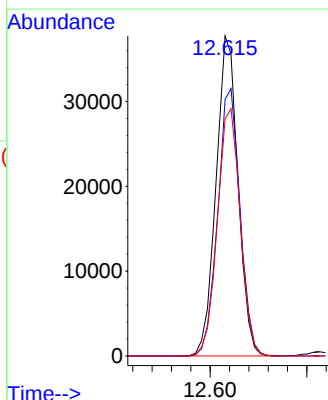
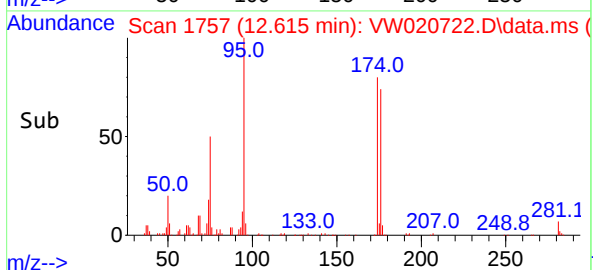
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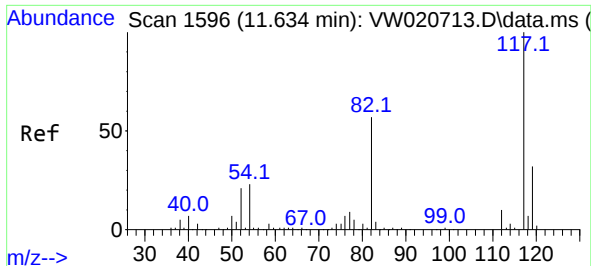


#62
4-Bromofluorobenzene
Concen: 47.217 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

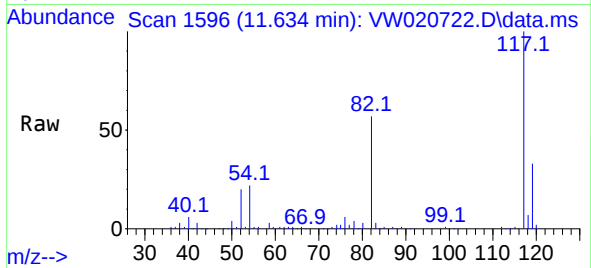


Tgt Ion: 95 Resp: 59240
Ion Ratio Lower Upper
95 100
174 85.1 0.0 171.0
176 80.4 0.0 165.0

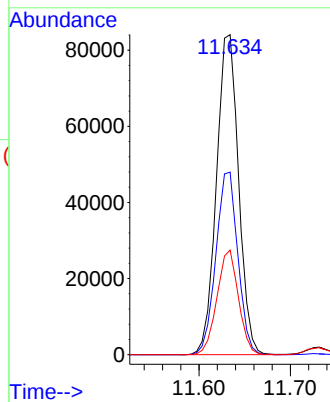
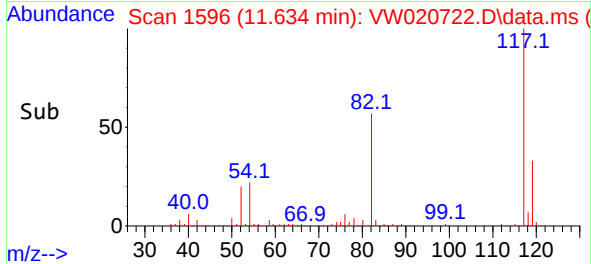




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



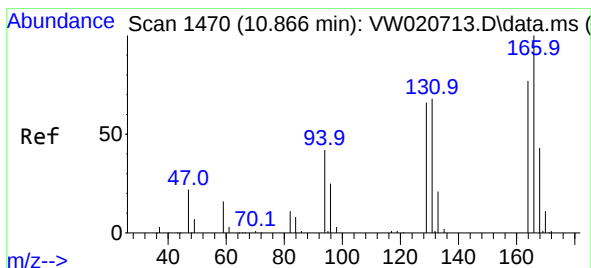
Tgt Ion:117 Resp: 141742
Ion Ratio Lower Upper
117 100
82 57.1 45.7 68.5
119 32.7 25.4 38.2



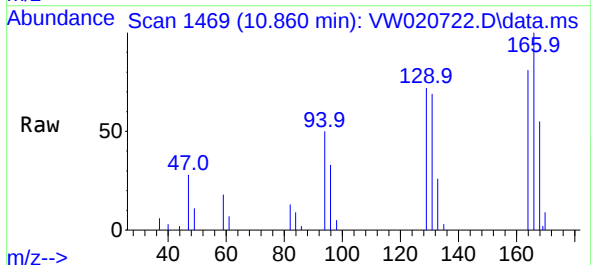
Instrument :
MSVOA_W
ClientSampleId :
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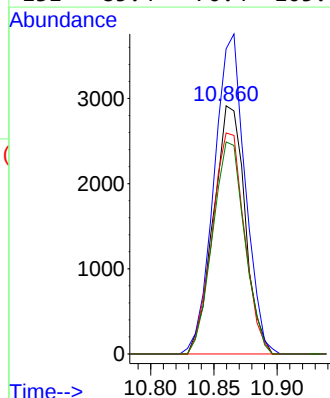
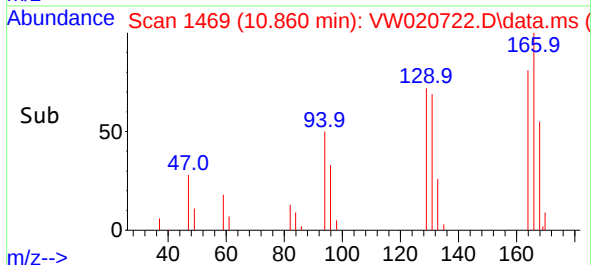
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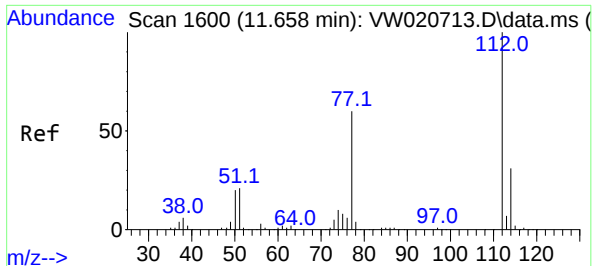


#64
Tetrachloroethene
Concen: 5.597 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



Tgt Ion:164 Resp: 5052
Ion Ratio Lower Upper
164 100
166 122.9 104.1 156.1
129 89.0 68.5 102.7
131 85.4 70.4 105.6





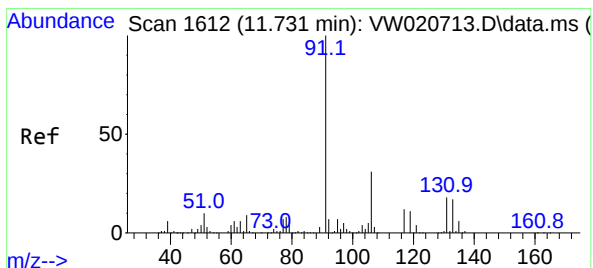
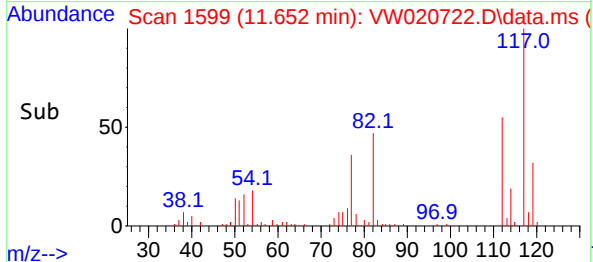
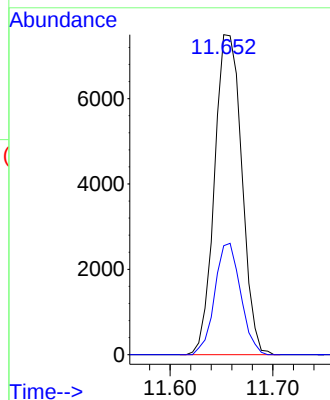
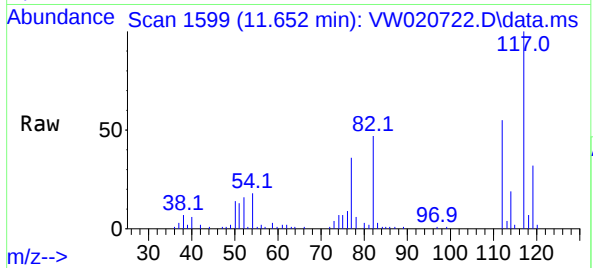
#65
Chlorobenzene
Concen: 5.376 ug/l
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion:112 Resp: 13817
Ion Ratio Lower Upper
112 100
114 34.0 25.2 37.8

Instrument :
MSVOA_W
ClientSampleId :
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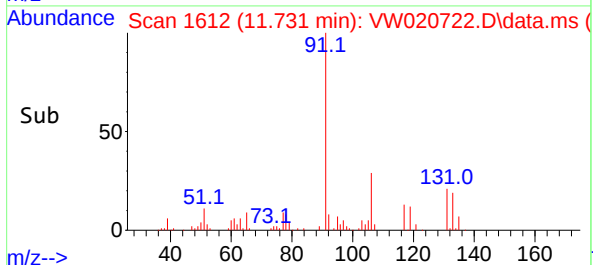
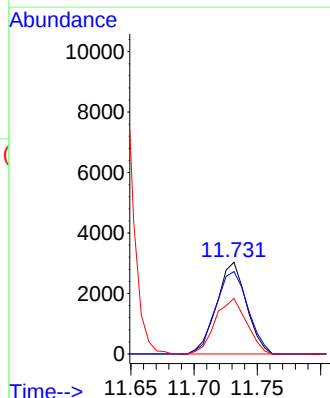
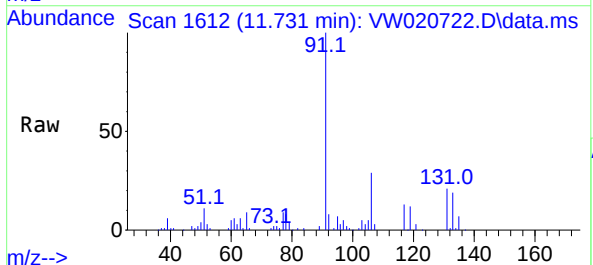
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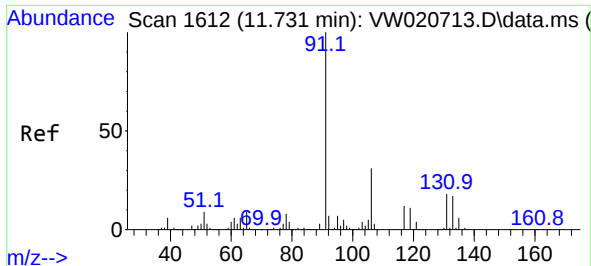
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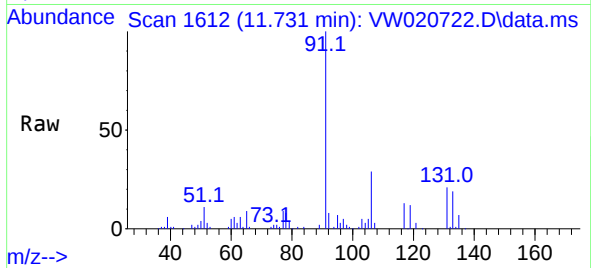
#66
1,1,1,2-Tetrachloroethane
Concen: 5.305 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion:131 Resp: 4969
Ion Ratio Lower Upper
131 100
133 97.3 48.3 144.8
119 63.6 31.7 95.1

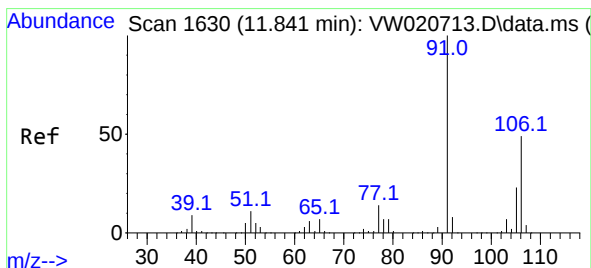
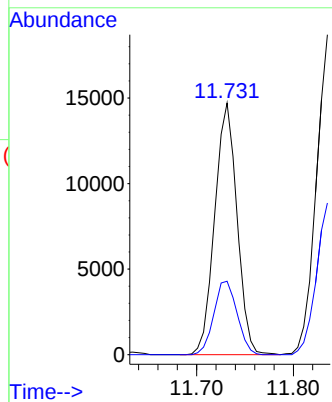
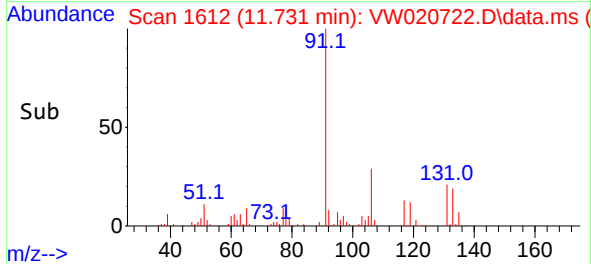




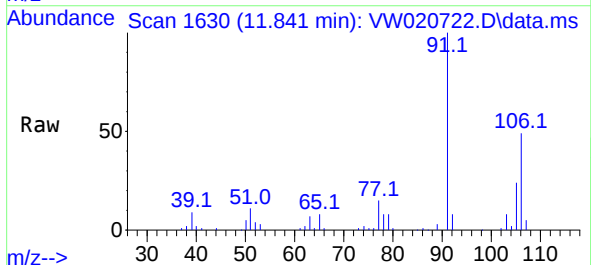
#67
Ethyl Benzene
Concen: 5.052 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



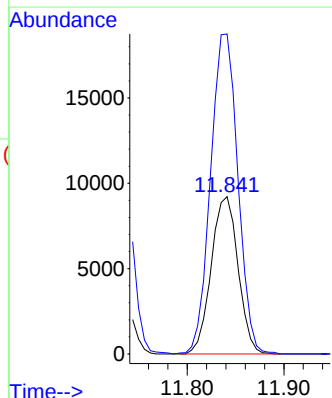
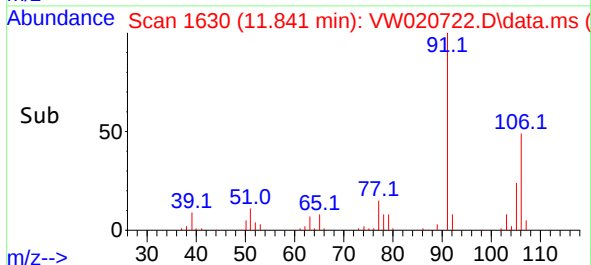
Tgt Ion: 91 Resp: 23522
Ion Ratio Lower Upper
91 100
106 29.2 24.5 36.7



#68
m/p-Xylenes
Concen: 9.845 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



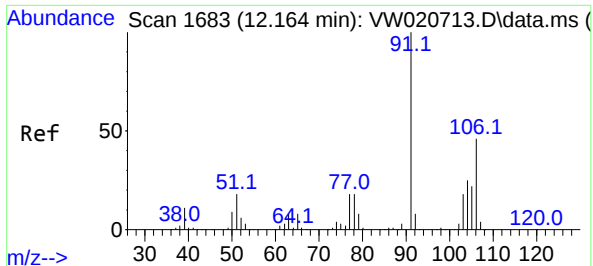
Tgt Ion: 106 Resp: 17757
Ion Ratio Lower Upper
106 100
91 207.0 163.8 245.8



Instrument :
MSVOA_W
ClientSampleId :
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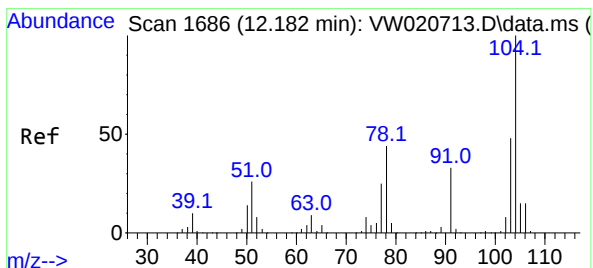
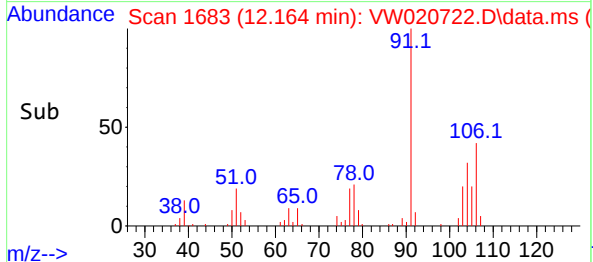
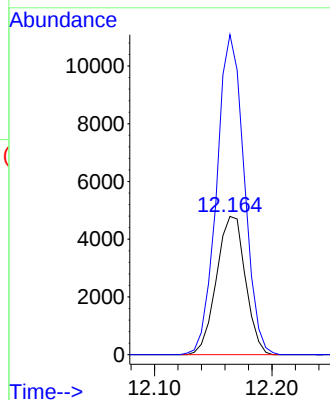
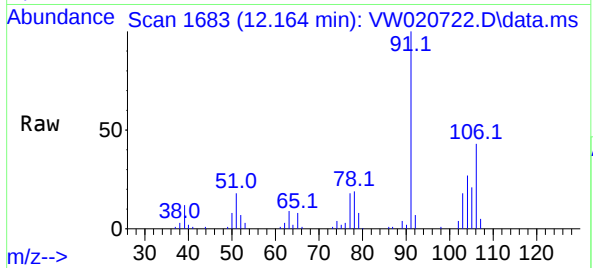
#69
o-Xylene
Concen: 4.934 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion:106 Resp: 8192
Ion Ratio Lower Upper
106 100
91 220.5 109.3 327.9

Instrument :
MSVOA_W
ClientSampleId :
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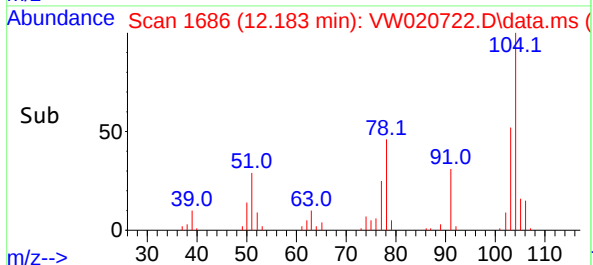
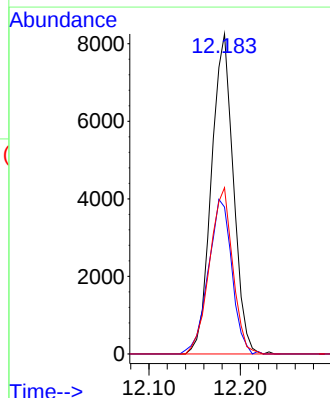
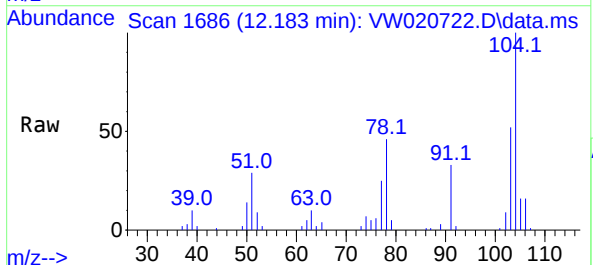
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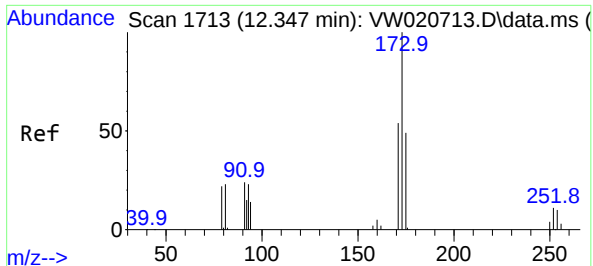
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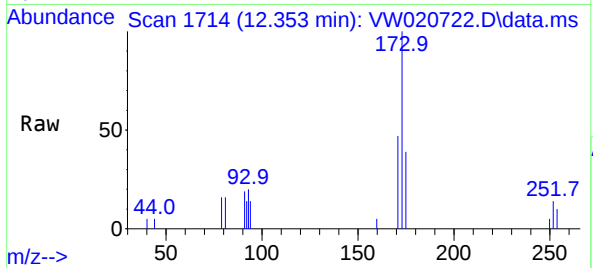
#70
Styrene
Concen: 4.832 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion:104 Resp: 13751
Ion Ratio Lower Upper
104 100
78 51.9 41.5 62.3
103 54.6 43.4 65.2

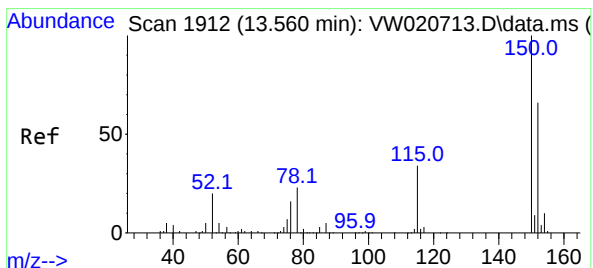
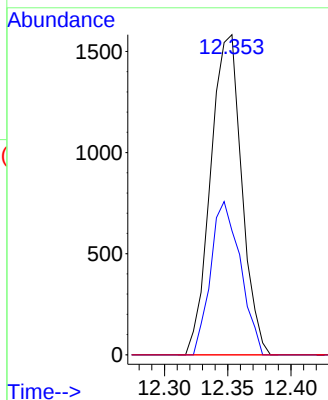
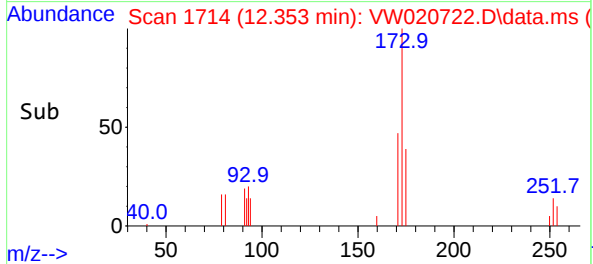




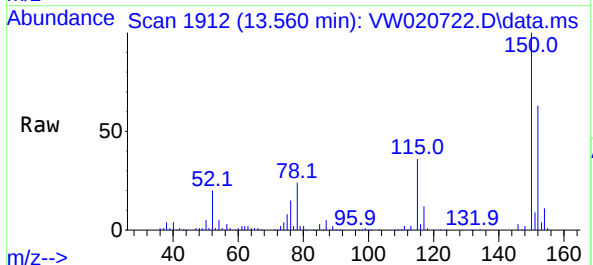
#71
Bromoform
Concen: 5.283 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



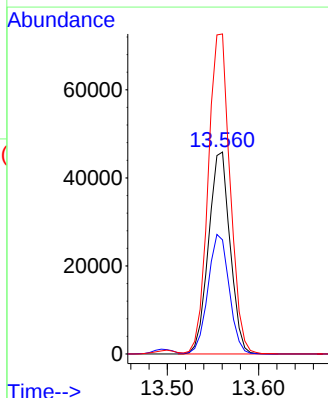
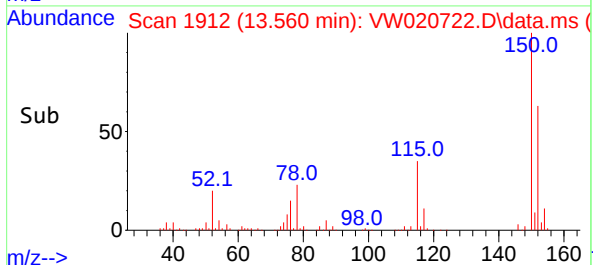
Tgt Ion:173 Resp: 2705
Ion Ratio Lower Upper
173 100
175 46.0 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



Tgt Ion:152 Resp: 74940
Ion Ratio Lower Upper
152 100
115 58.4 28.7 86.3
150 161.0 0.0 342.2

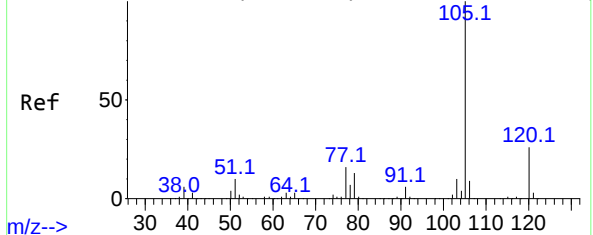


Instrument :
MSVOA_W
ClientSampleId :
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Abundance Scan 1732 (12.463 min): VW020713.D\data.ms (



#73
Isopropylbenzene
Concen: 4.839 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

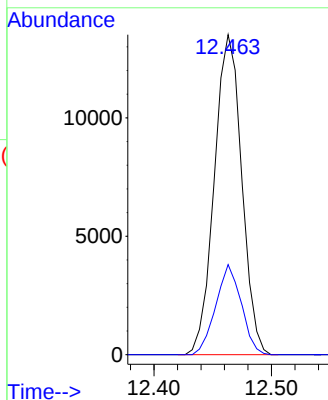
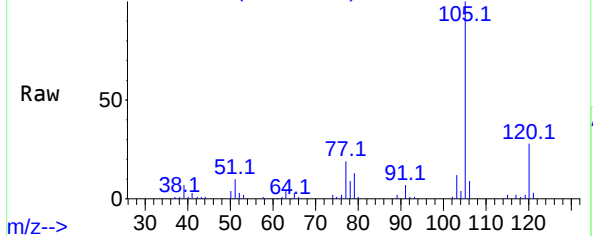
Tgt Ion: 105 Resp: 21892
Ion Ratio Lower Upper
105 100
120 26.2 12.8 38.3

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

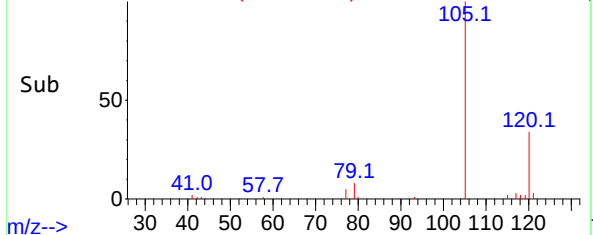
Manual Integrations
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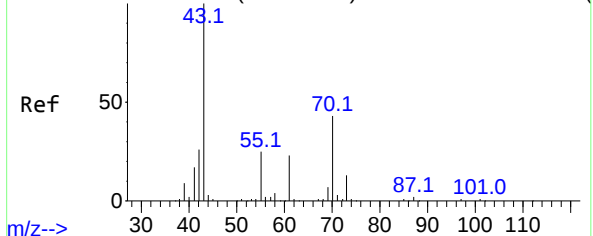
Abundance Scan 1732 (12.463 min): VW020722.D\data.ms



Abundance Scan 1732 (12.463 min): VW020722.D\data.ms (



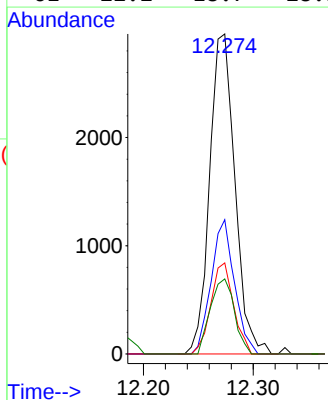
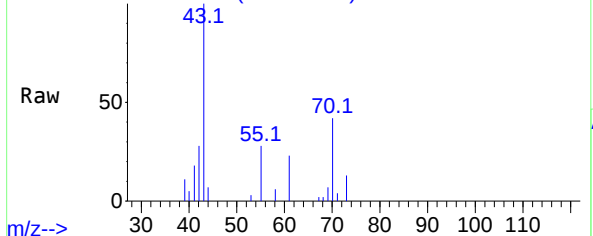
Abundance Scan 1701 (12.274 min): VW020713.D\data.ms (



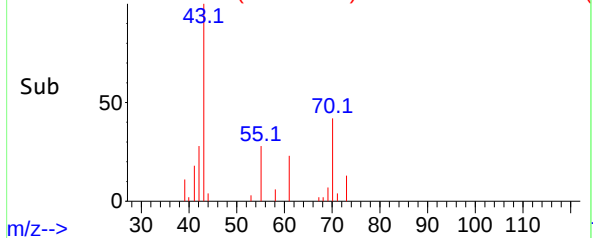
#74
N-ethyl acetate
Concen: 4.570 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

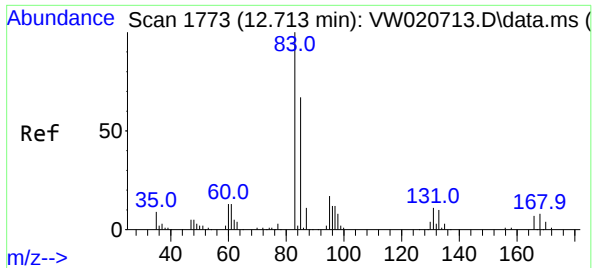
Tgt Ion: 43 Resp: 4736
Ion Ratio Lower Upper
43 100
70 38.7 34.3 51.5
55 25.7 20.0 30.0
61 22.2 18.7 28.1

Abundance Scan 1701 (12.274 min): VW020722.D\data.ms



Abundance Scan 1701 (12.274 min): VW020722.D\data.ms (





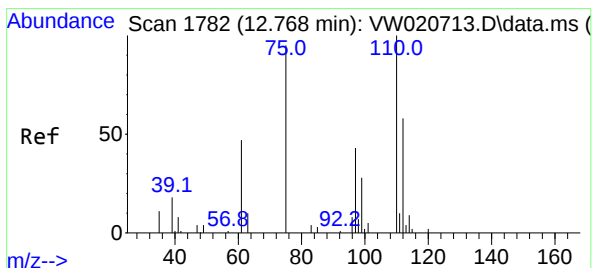
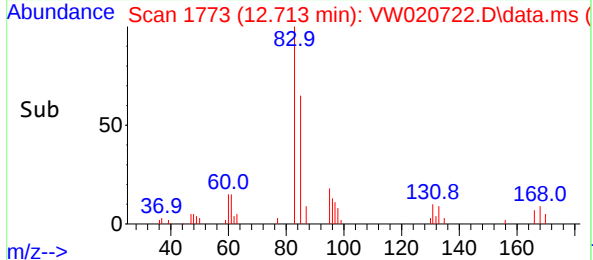
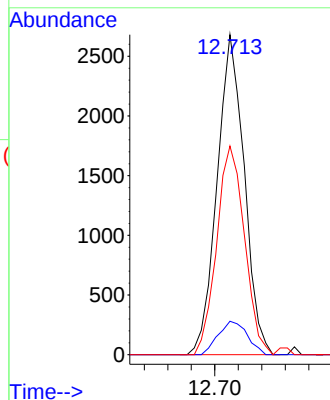
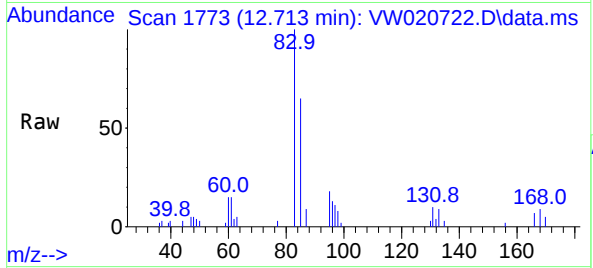
#75
1,1,2,2-Tetrachloroethane
Concen: 5.396 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 83 Resp: 4306
Ion Ratio Lower Upper
83 100
131 11.2 5.7 17.1
85 66.7 32.5 97.5

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

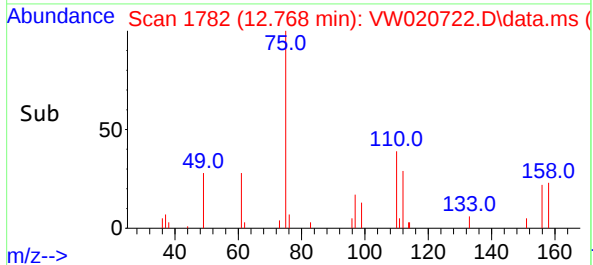
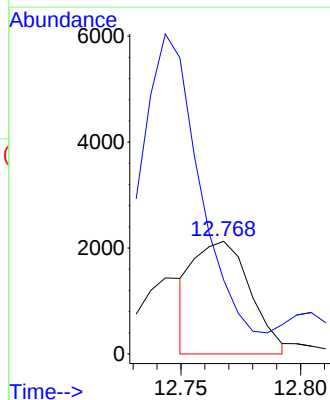
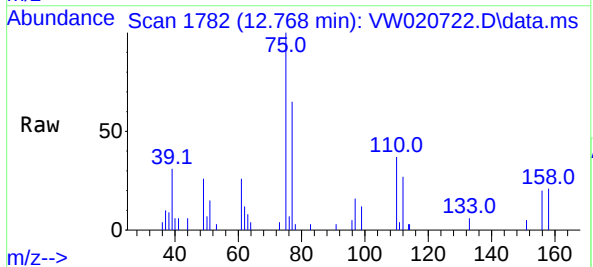
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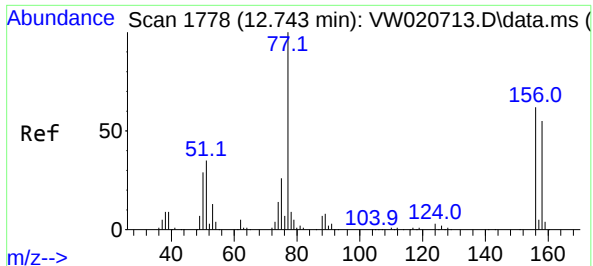
MMDadoda
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#76
1,2,3-Trichloropropane
Concen: 5.456 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 75 Resp: 3505
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





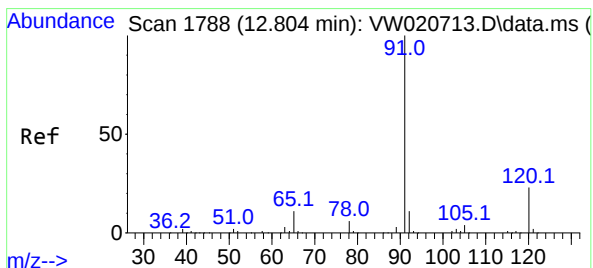
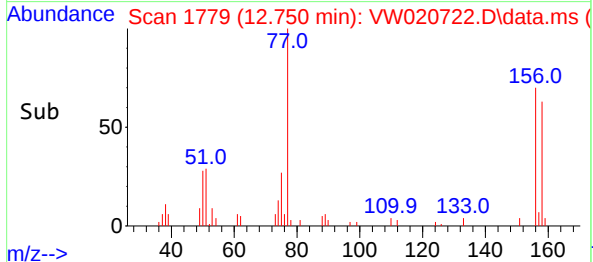
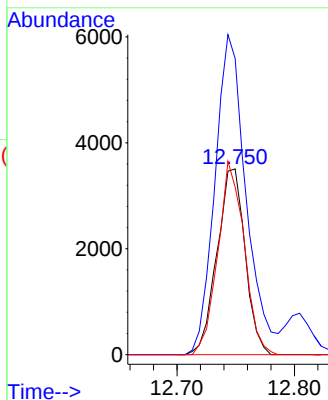
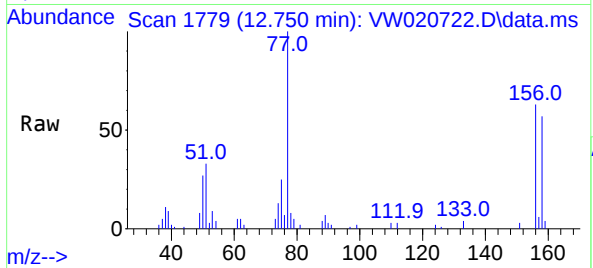
#77
Bromobenzene
Concen: 5.329 ug/l
RT: 12.750 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 156 Resp: 5835
Ion Ratio Lower Upper
156 100
77 190.8 91.0 273.0
158 97.7 46.7 140.1

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

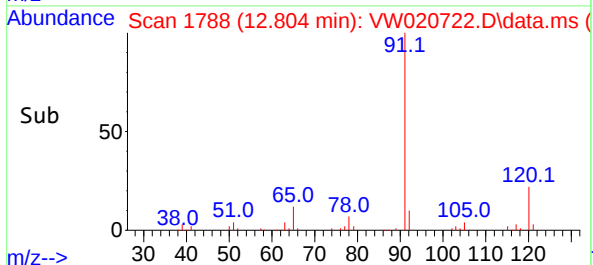
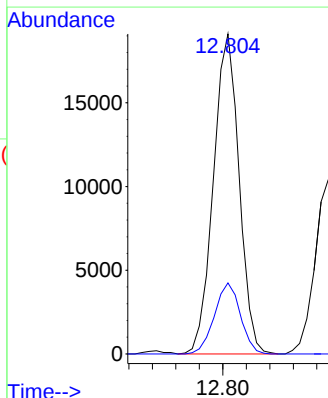
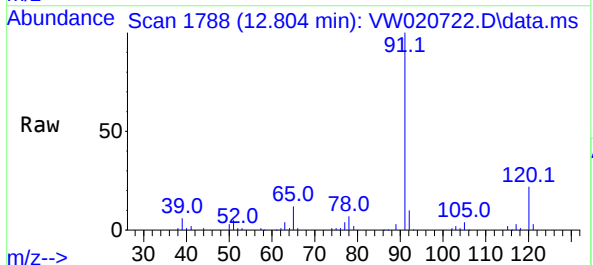
Manual Integrations
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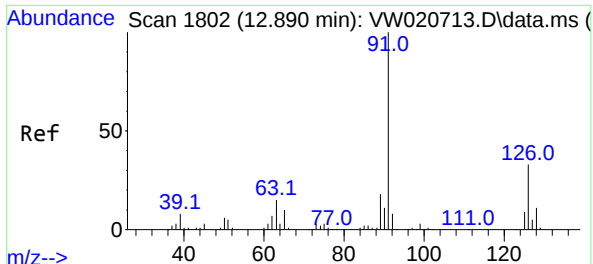
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#78
n-propylbenzene
Concen: 5.208 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 91 Resp: 29041
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.9





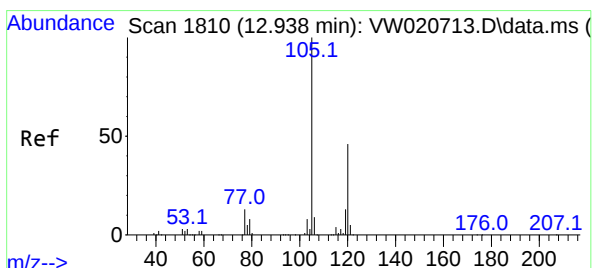
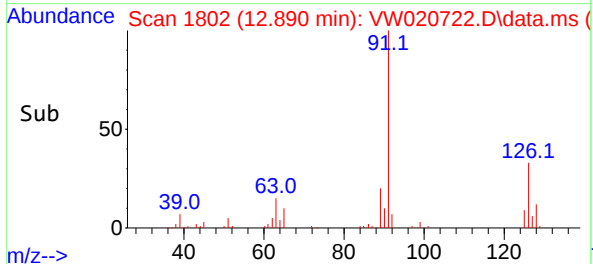
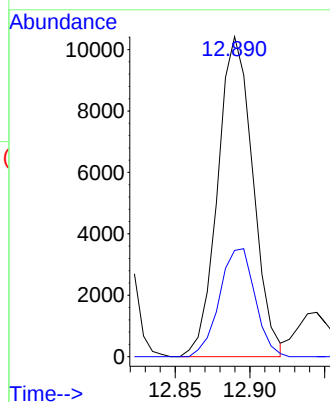
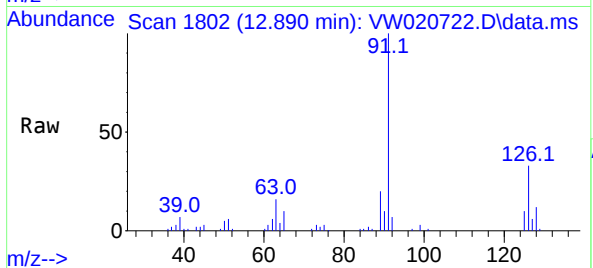
#79
2-Chlorotoluene
Concen: 5.315 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 91 Resp: 17070
Ion Ratio Lower Upper
91 100
126 34.0 16.7 50.1

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

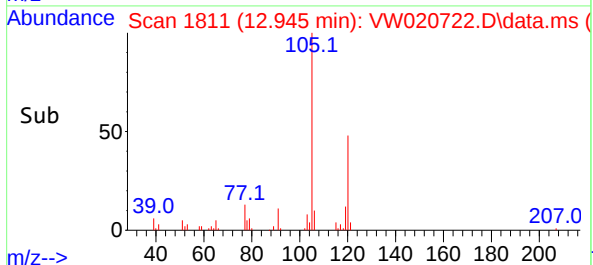
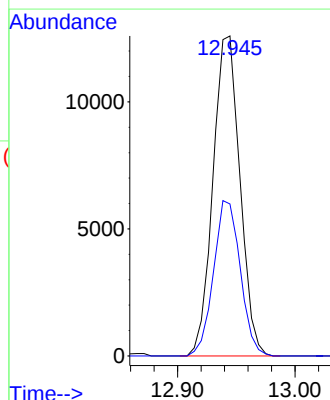
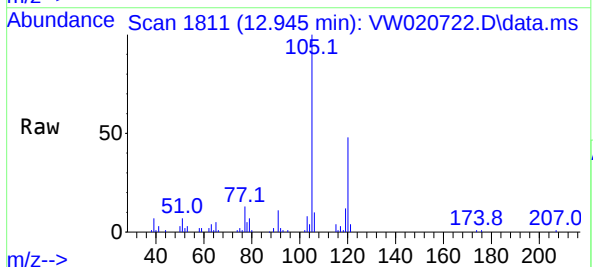
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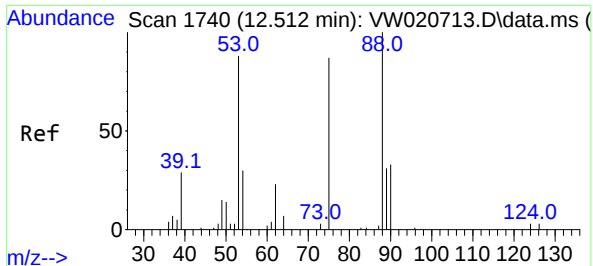
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#80
1,3,5-Trimethylbenzene
Concen: 5.102 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

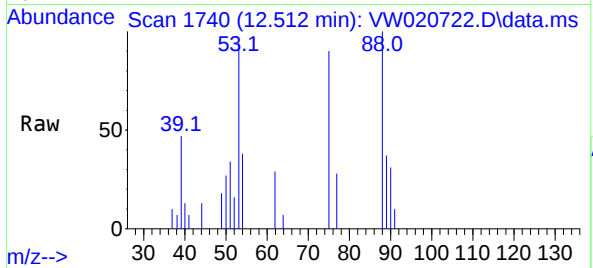
Tgt Ion: 105 Resp: 20085
Ion Ratio Lower Upper
105 100
120 48.1 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 4.716 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

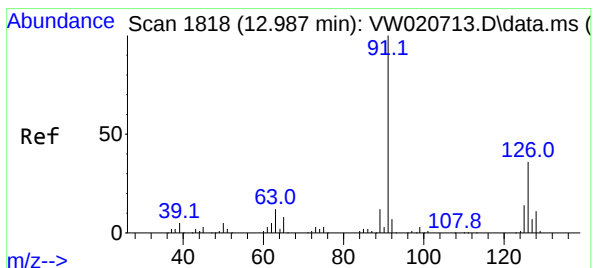
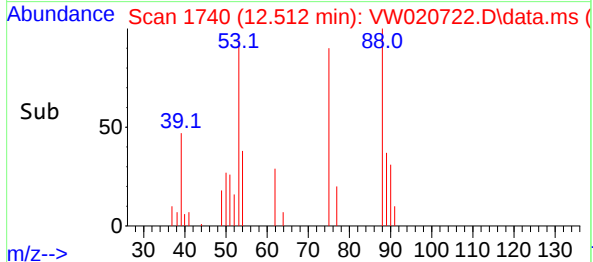
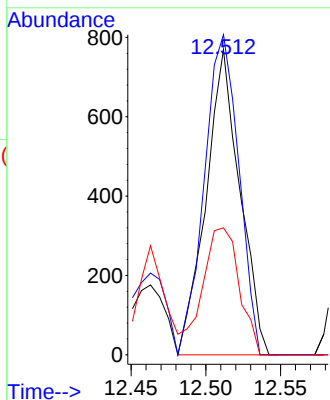
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



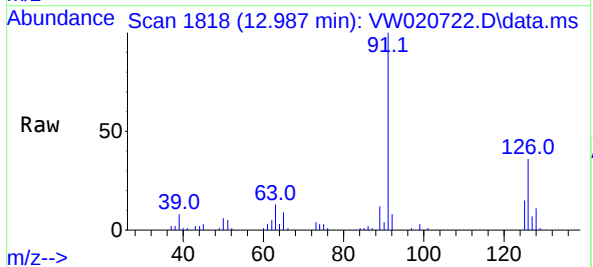
Tgt Ion: 75 Resp: 1213
Ion Ratio Lower Upper
75 100
53 106.6 83.1 124.7
89 45.2 35.1 52.7

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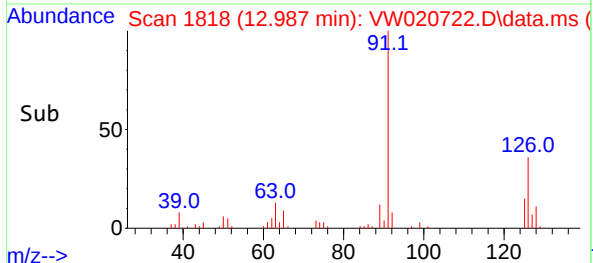
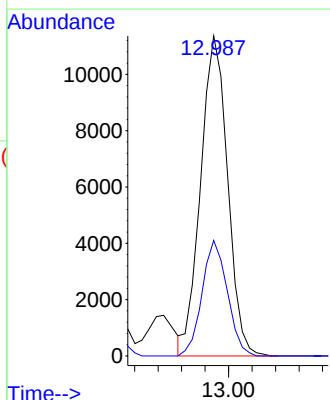
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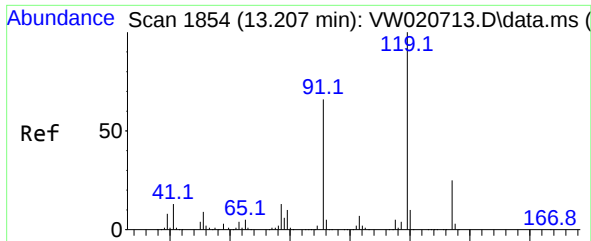


#82
4-Chlorotoluene
Concen: 5.313 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



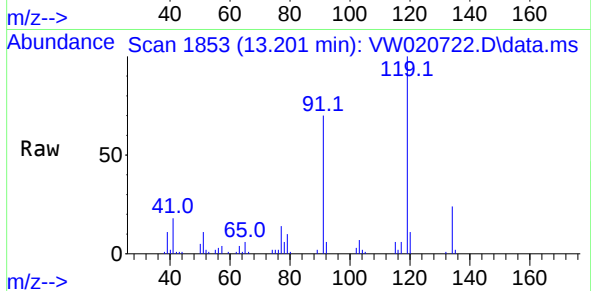
Tgt Ion: 91 Resp: 18111
Ion Ratio Lower Upper
91 100
126 33.8 17.0 51.0





#83
tert-Butylbenzene
Concen: 4.990 ug/l
RT: 13.201 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

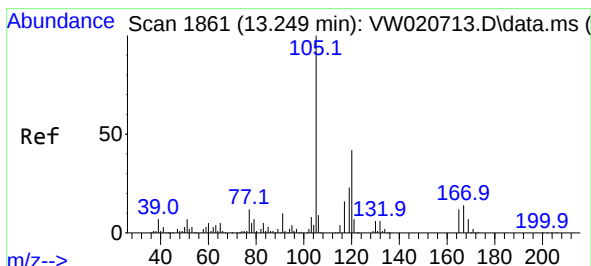
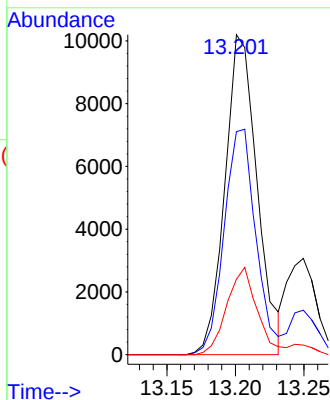
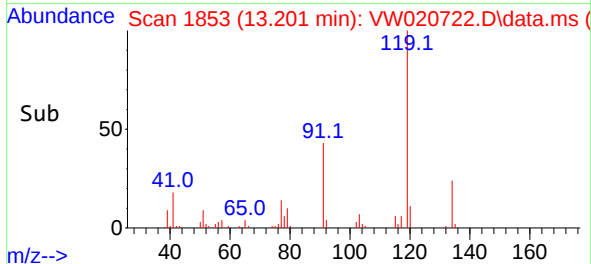
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



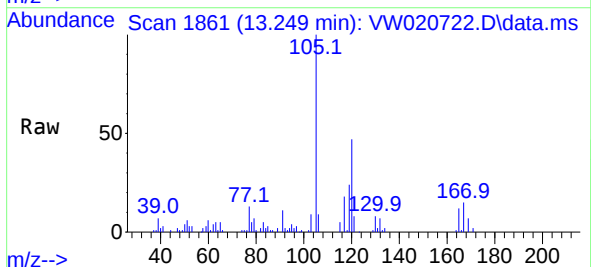
Tgt Ion:119 Resp: 16702
Ion Ratio Lower Upper
119 100
91 69.4 33.6 100.6
134 25.9 12.4 37.4

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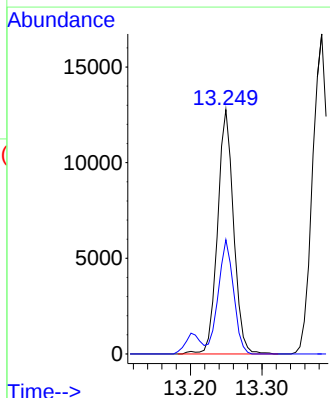
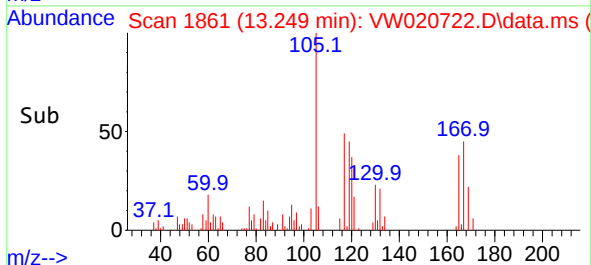
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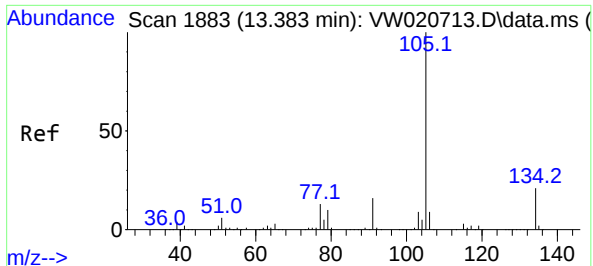


#84
1,2,4-Trimethylbenzene
Concen: 5.051 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



Tgt Ion:105 Resp: 19801
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.8





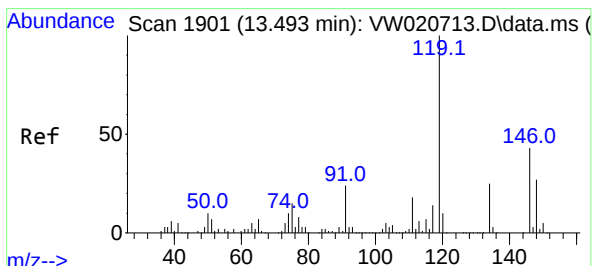
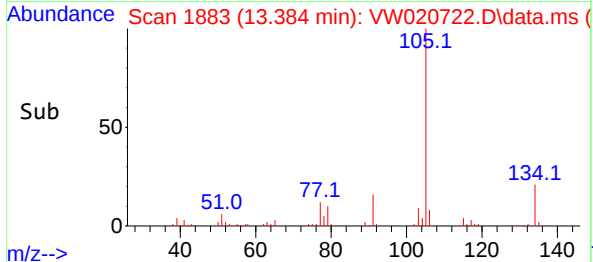
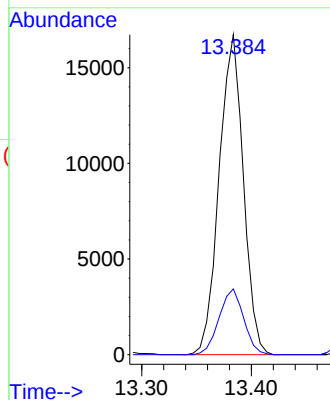
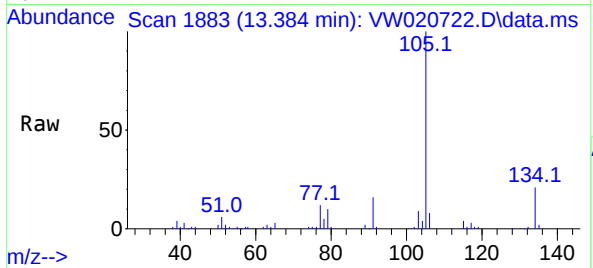
#85
sec-Butylbenzene
Concen: 5.092 ug/l
RT: 13.384 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion:105 Resp: 25640
Ion Ratio Lower Upper
105 100
134 20.9 10.3 30.8

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

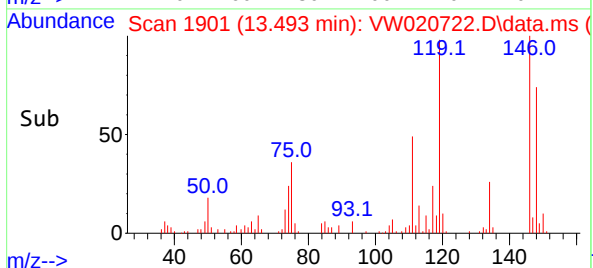
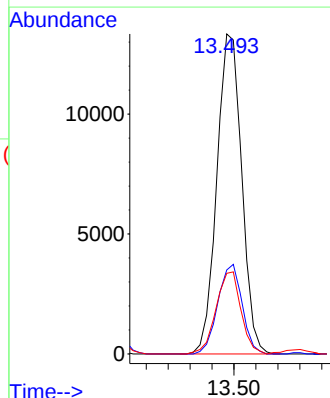
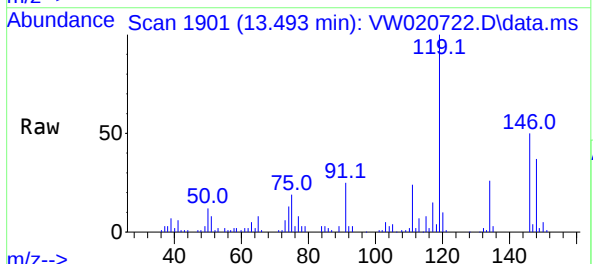
Manual Integrations
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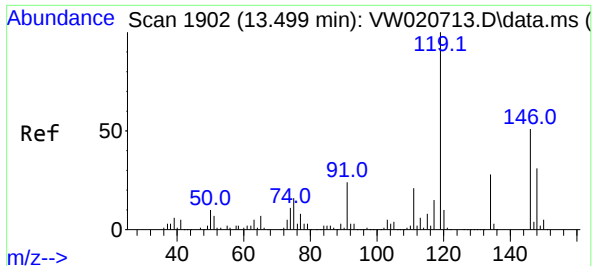
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#86
p-Isopropyltoluene
Concen: 4.913 ug/l
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion:119 Resp: 21005
Ion Ratio Lower Upper
119 100
134 27.3 13.1 39.1
91 25.7 12.0 36.0





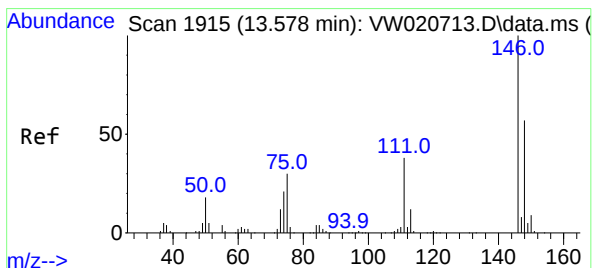
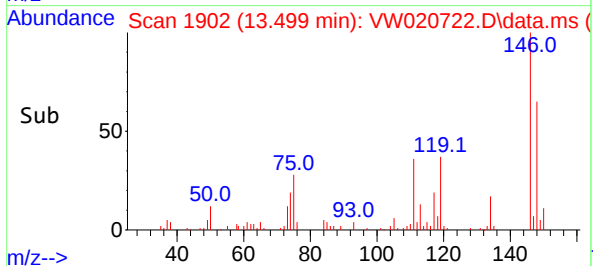
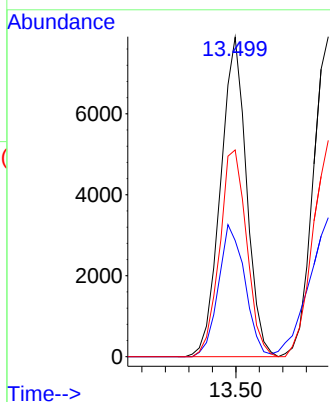
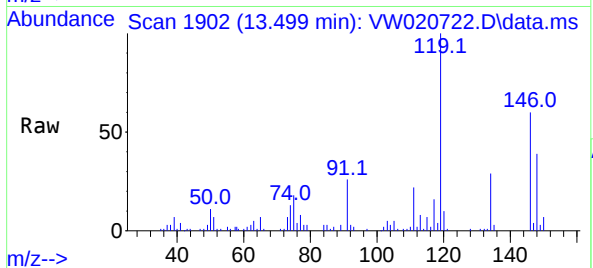
#87
1,3-Dichlorobenzene
Concen: 5.397 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion:	146	Resp:	12112
Ion Ratio	Lower	Upper	
146	100		
111	42.2	19.8	59.4
148	67.3	31.1	93.2

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

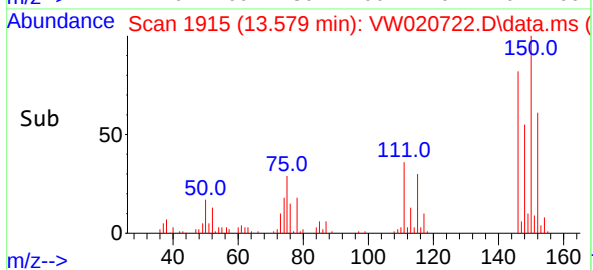
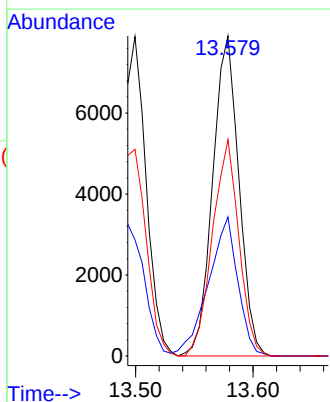
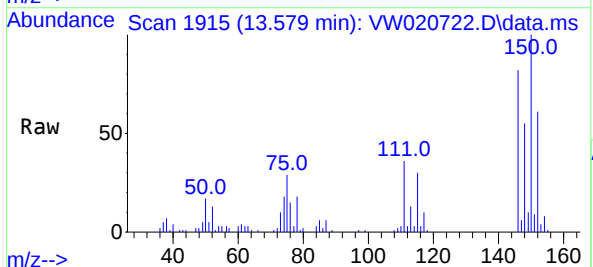
Manual Integrations
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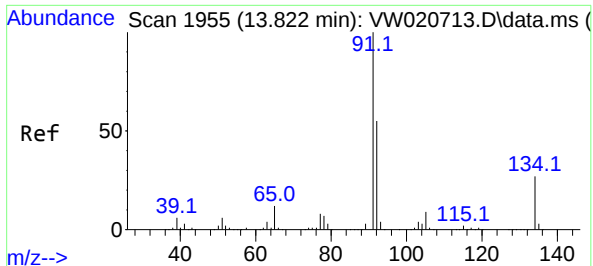
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#88
1,4-Dichlorobenzene
Concen: 5.478 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

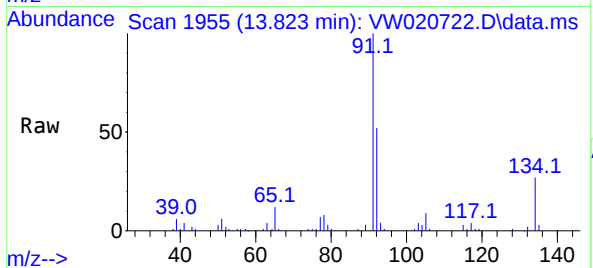
Tgt Ion:	146	Resp:	12265
Ion Ratio	Lower	Upper	
146	100		
111	49.0	19.7	59.0
148	68.4	30.8	92.3





#89
n-Butylbenzene
Concen: 5.051 ug/l
RT: 13.823 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

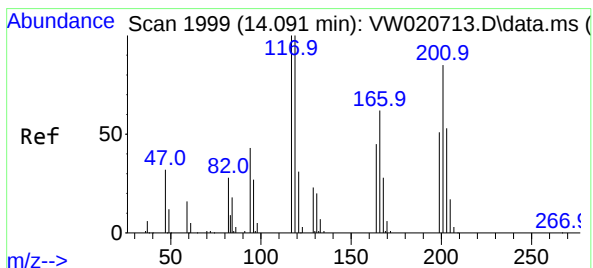
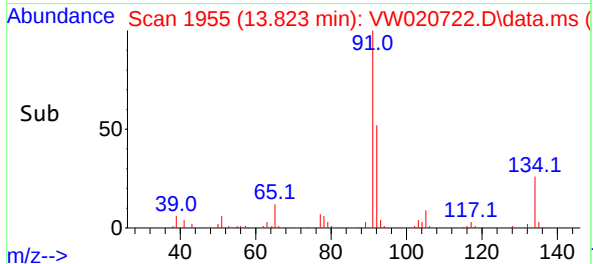
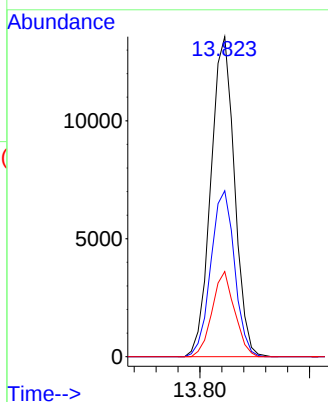


Tgt Ion: 91 Resp: 20296

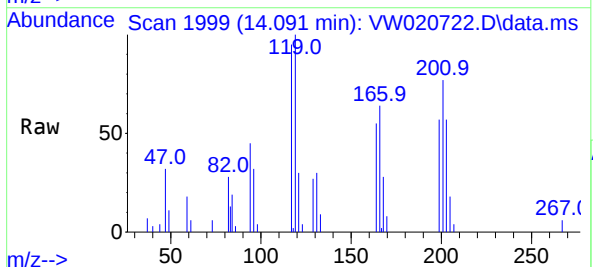
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.8	80.3
134	25.3	13.1	39.3

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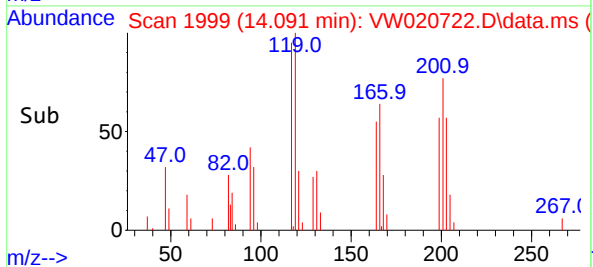
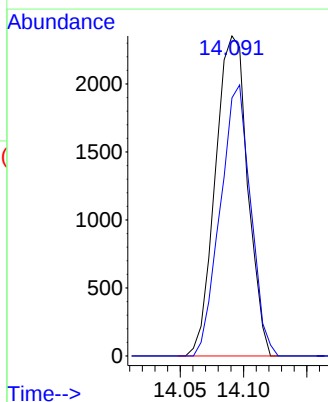


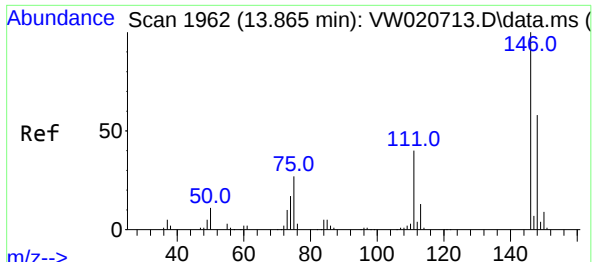
#90
Hexachloroethane
Concen: 5.370 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



Tgt Ion: 117 Resp: 4179

Ion	Ratio	Lower	Upper
117	100		
201	79.5	42.4	127.1





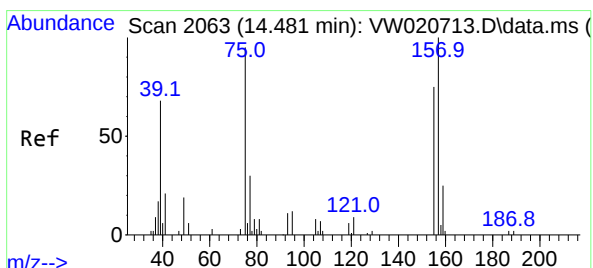
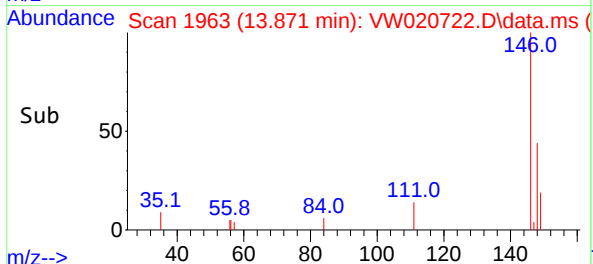
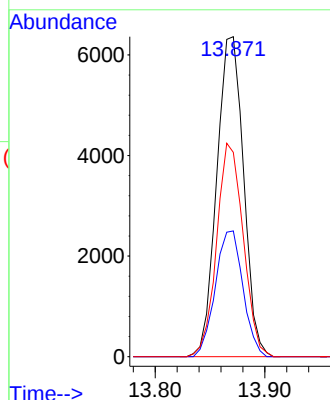
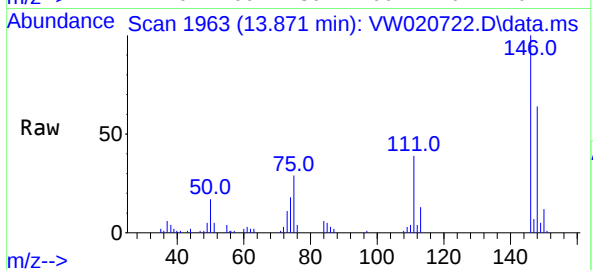
#91
1,2-Dichlorobenzene
Concen: 5.512 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

Tgt Ion: 146 Resp: 10832
Ion Ratio Lower Upper
146 100
111 40.4 20.4 61.3
148 66.0 30.7 92.1

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

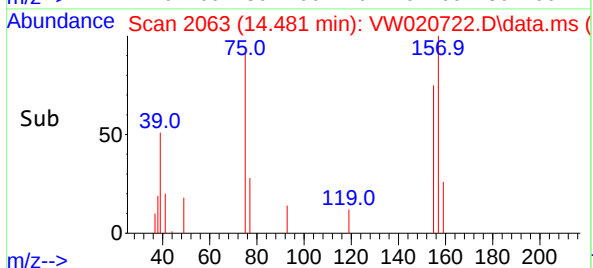
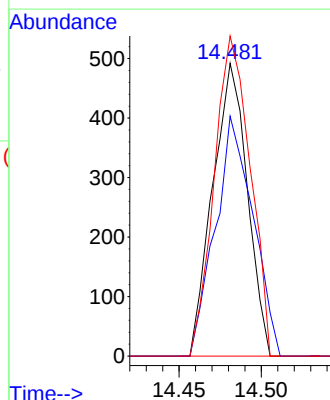
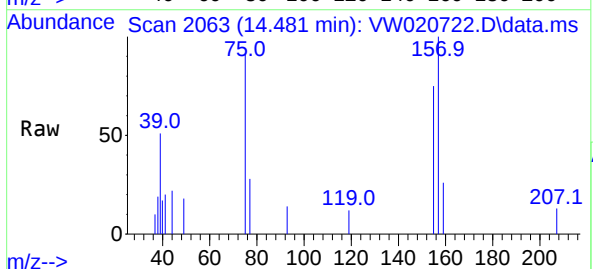
Manual Integrations
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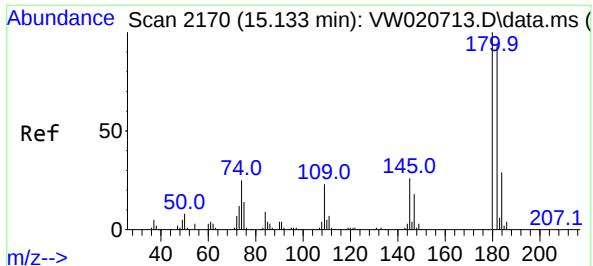
MMDadoda
10/29/2021 4:39:18 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.046 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

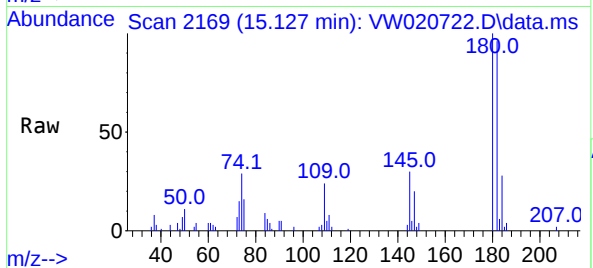
Tgt Ion: 75 Resp: 718
Ion Ratio Lower Upper
75 100
155 89.6 42.4 127.1
157 113.8 55.9 167.7





#93
1,2,4-Trichlorobenzene
Concen: 5.208 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

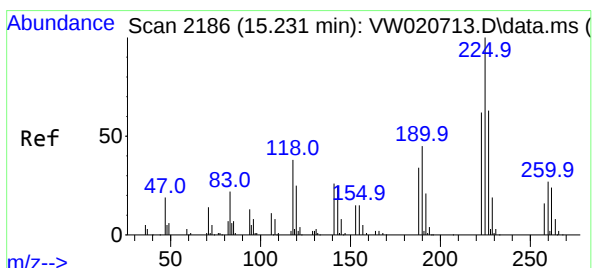
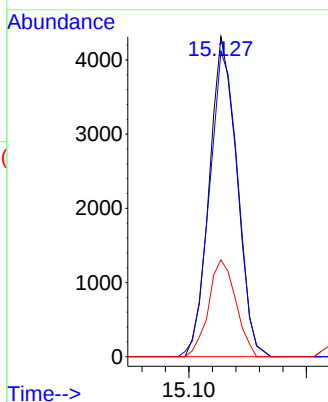
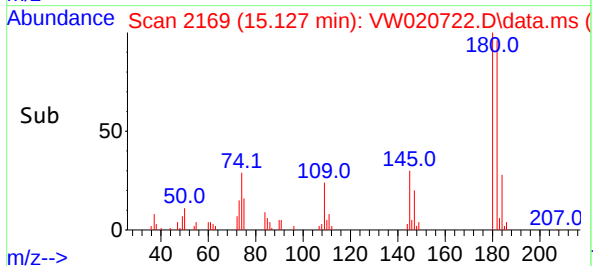
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



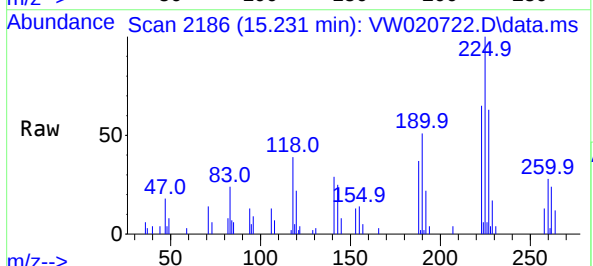
Tgt Ion:180 Resp: 7020
Ion Ratio Lower Upper
180 100
182 98.6 47.9 143.8
145 30.0 14.8 44.4

Manual Integrations
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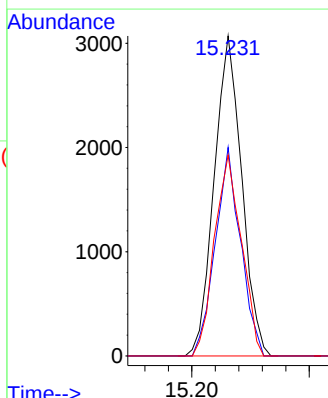
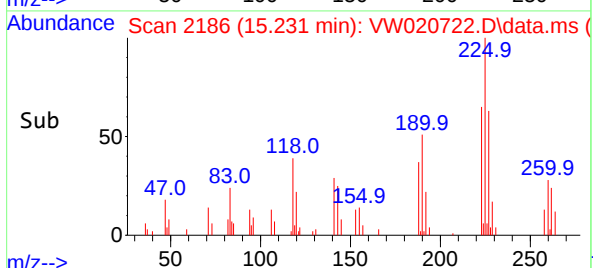
MMDadoda
10/29/2021 4:39:18 PM

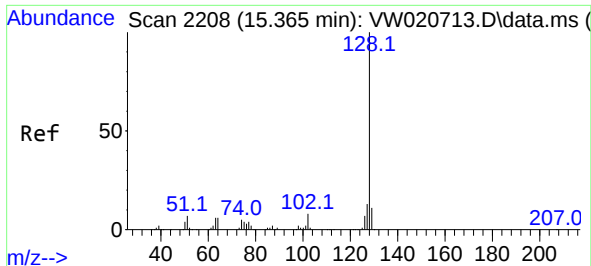


#94
Hexachlorobutadiene
Concen: 5.737 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



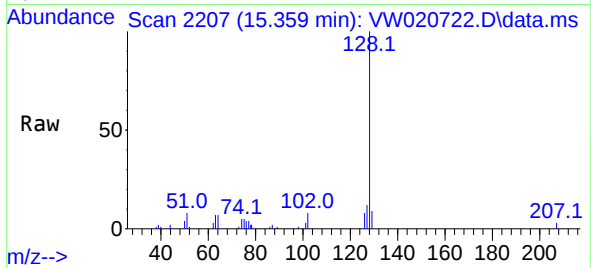
Tgt Ion:225 Resp: 4997
Ion Ratio Lower Upper
225 100
223 59.8 31.6 95.0
227 61.5 31.9 95.7





#95
Naphthalene
Concen: 4.828 ug/l
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44

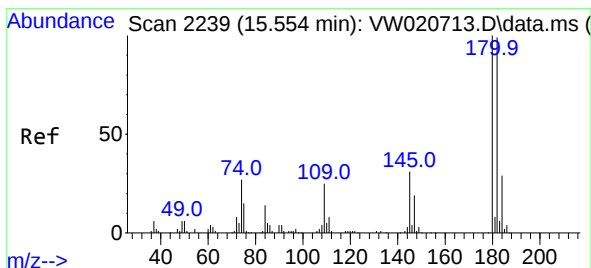
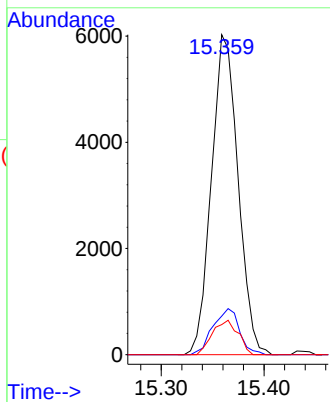
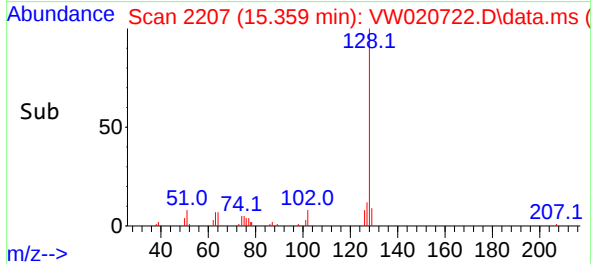
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



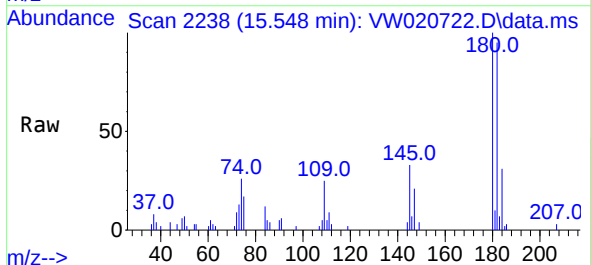
Tgt Ion:	128	Resp:	10821
Ion Ratio	Lower	Upper	
128	100		
127	14.4	10.6	16.0
129	10.4	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 5.483 ug/l
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW020722.D
Acq: 28 Oct 2021 18:44



Tgt Ion:	180	Resp:	6637
Ion Ratio	Lower	Upper	
180	100		
182	93.4	48.5	145.5
145	31.0	15.7	47.1

