

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081321\
 Data File : VW019732.D
 Acq On : 13 Aug 2021 12:20
 Operator : SY/VA
 Sample : M3263-04
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT4-2021-08

Manual Integrations
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 8/19/2021 4:25:48 PM

Quant Time: Aug 14 01:53:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 14 01:17:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	318160	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	295851	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	147993	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	81669	21.982	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.920%
7) Chloroethane-d5	2.891	69	92988	25.322	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.280%
11) 1,1-Dichloroethene-d2	4.019	63	111578	14.596	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.400%
21) 2-Butanone-d5	7.086	46	59259	48.839	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.680%
24) Chloroform-d	7.653	84	203446	21.151	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	8.305	65	114535	20.455	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.800%
32) Benzene-d6	8.274	84	368194	18.797	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	9.274	67	120808	20.500	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.000%
41) Toluene-d8	10.329	98	312452	17.486	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.960%
43) trans-1,3-Dichloroprop...	10.579	79	49266	20.248	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.000%
47) 2-Hexanone-d5	10.926	63	45557	44.067	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.140%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	111389	21.784	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	127199	23.304	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	3682	1.057	ug/L	95
3) Chloromethane	2.221	50	5299	1.504	ug/L	99
5) Vinyl chloride	2.373	62	7452	1.569	ug/L #	70
6) Bromomethane	2.788	94	5688	1.529	ug/L	97
8) Chloroethane	2.934	64	4935	1.546	ug/L	89
9) Trichlorofluoromethane	3.269	101	3949	1.343	ug/L #	79
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	6447m	1.646	ug/L	
12) 1,1-Dichloroethene	4.043	96	5725	1.502	ug/L #	1
13) Acetone	4.147	43	3966	3.977	ug/L	64
14) Carbon disulfide	4.391	76	13612	1.254	ug/L	99
15) Methyl Acetate	4.684	43	2798	1.500	ug/L #	66
16) Methylene chloride	4.921	84	14058	2.644	ug/L	95
17) trans-1,2-Dichloroethene	5.427	96	4965	1.191	ug/L	87
18) Methyl tert-butyl Ether	5.421	73	5674	0.937	ug/L #	85
19) 1,1-Dichloroethane	6.226	63	9672	1.104	ug/L	94
20) cis-1,2-Dichloroethene	7.171	96	5382	1.140	ug/L	89
22) 2-Butanone	7.189	43	3328m	2.495	ug/L	
23) Bromochloromethane	7.518	128	2596	1.188	ug/L	85
25) Chloroform	7.683	83	11352	1.265	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	6706	1.070	ug/L	98
29) Cyclohexane	7.957	56	6806	0.928	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	7869	1.039	ug/L	99
31) Carbon tetrachloride	8.073	117	7274	1.041	ug/L	99
33) Benzene	8.323	78	22439	1.094	ug/L	100
34) Trichloroethene	9.091	95	5724	1.126	ug/L	91
35) Methylcyclohexane	9.335	83	8046	0.957	ug/L	91
37) 1,2-Dichloropropane	9.372	63	5570	1.087	ug/L	98
38) Bromodichloromethane	9.646	83	6882	1.060	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	7361	0.942	ug/L	95
42) Toluene	10.390	91	27149	1.261	ug/L	95
45) 1,1,2-Trichloroethane	10.792	97	4253	1.122	ug/L	93
46) Tetrachloroethene	10.865	164	4316	1.129	ug/L	87
48) 2-Hexanone	10.969	43	5386	2.486	ug/L #	51
49) Dibromochloromethane	11.128	129	4430	1.055	ug/L	85
50) 1,2-Dibromoethane	11.237	107	3921	1.087	ug/L	98
51) Chlorobenzene	11.658	112	15196	1.154	ug/L	99
52) Ethylbenzene	11.731	91	23029	1.021	ug/L	93
53) m,p-Xylene	11.841	106	8782	1.023	ug/L	91
54) o-Xylene	12.164	106	7363	0.888	ug/L	94
55) Styrene	12.182	104	11942	0.839	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	5984	1.241	ug/L #	92
59) Bromoform	12.353	173	2348	1.044	ug/L #	94
60) Isopropylbenzene	12.463	105	19427	0.960	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	3875	1.158	ug/L #	85
62) 1,3,5-Trimethylbenzene	12.944	105	15355	0.911	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	15383	0.875	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	10509	1.072	ug/L	88
65) 1,4-Dichlorobenzene	13.578	146	11983	1.213	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	11045	1.284	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	820m	1.256	ug/L	
69) 1,3,5-Trichlorobenzene	14.621	180	7148	1.142	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	6124	1.162	ug/L	96
71) Naphthalene	15.365	128	11053	1.079	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	5824	1.249	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

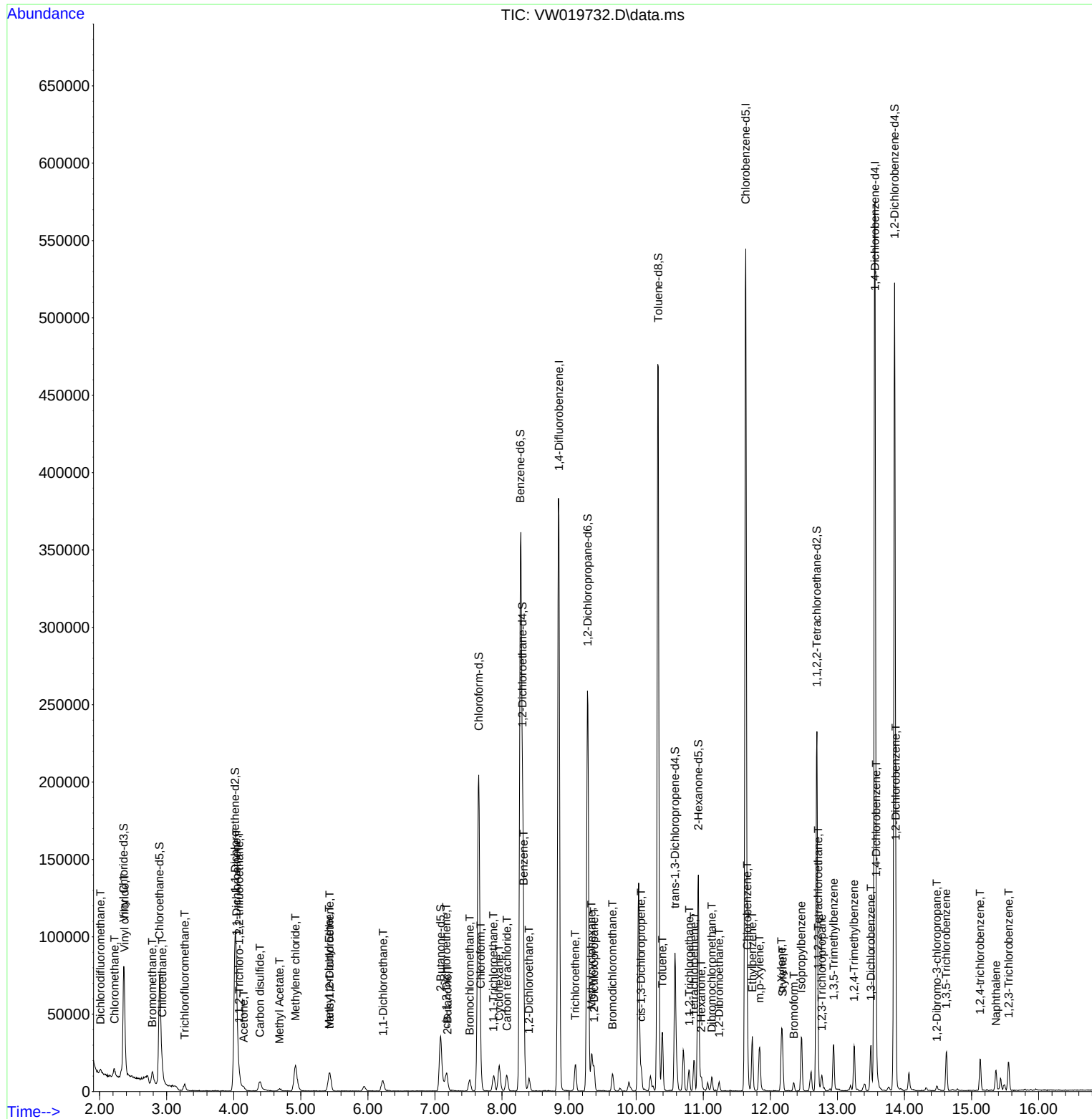
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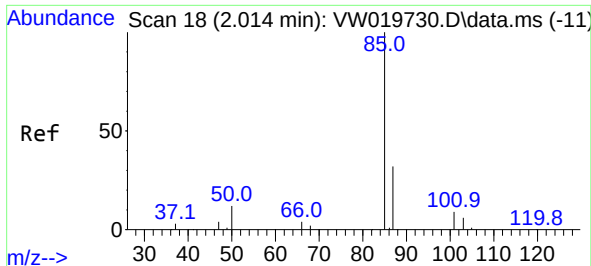
Instrument :
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ClientSampleId :
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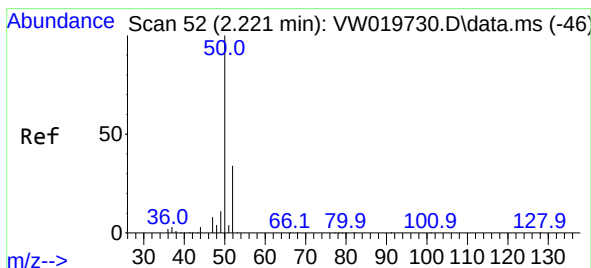
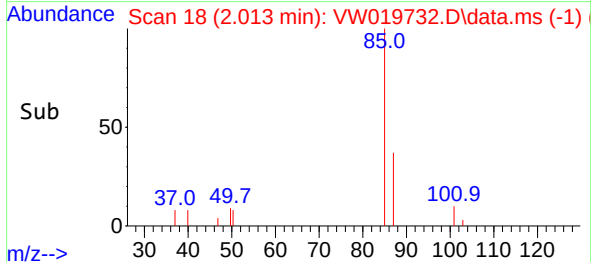
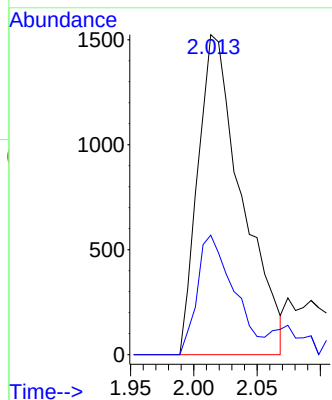
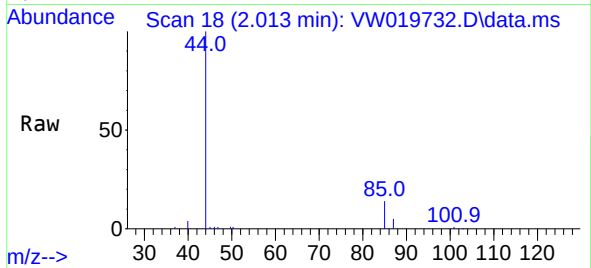
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Dichlorodifluoromethane
Concen: 1.057 ug/L
RT: 2.013 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

Tgt Ion: 85 Resp: 3682
Ion Ratio Lower Upper
85 100
87 31.6 23.3 34.9

Instrument :
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ClientSampleId :
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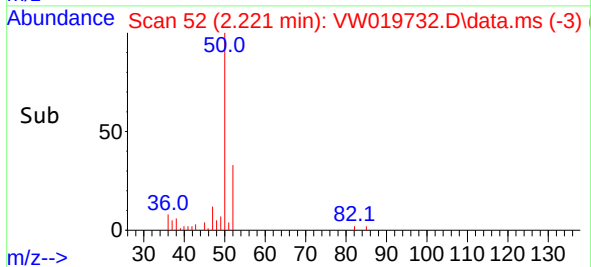
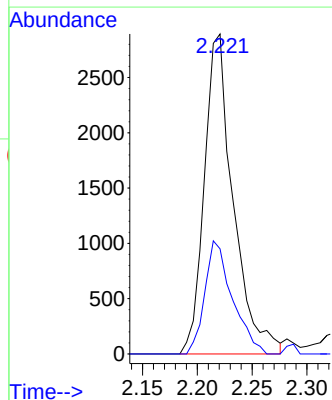
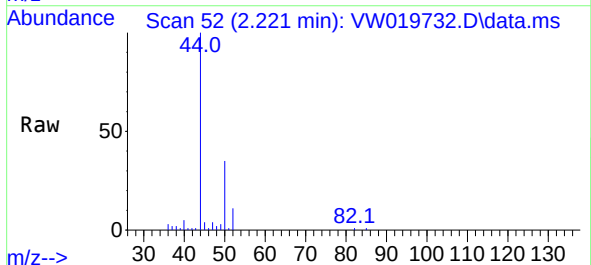
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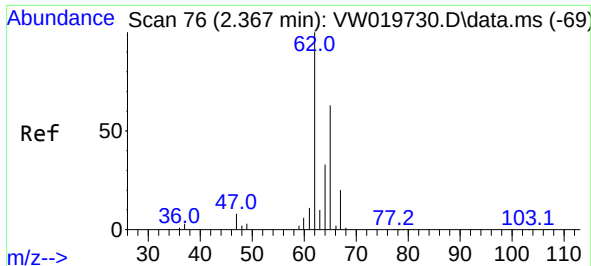
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#3
Chloromethane
Concen: 1.504 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

Tgt Ion: 50 Resp: 5299
Ion Ratio Lower Upper
50 100
52 32.9 22.5 41.9





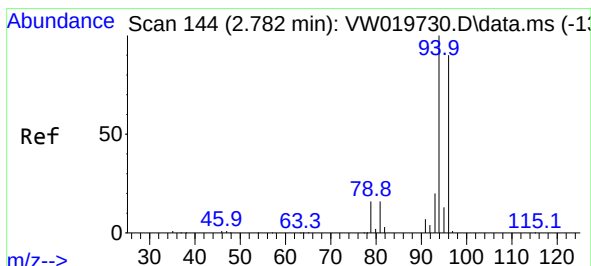
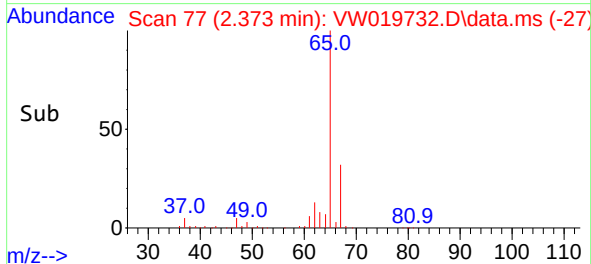
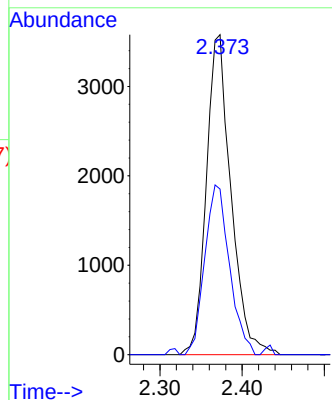
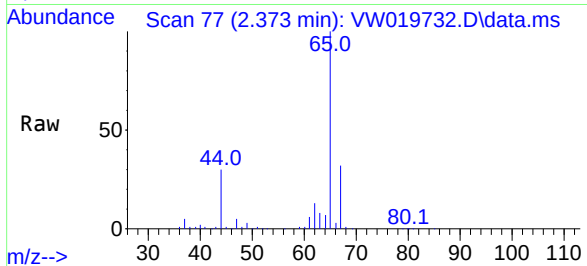
#5
 Vinyl chloride
 Concen: 1.569 ug/L
 RT: 2.373 min Scan# 77
 Delta R.T. 0.006 min
 Lab File: VW019732.D
 Acq: 13 Aug 2021 12:20

Tgt Ion: 62 Resp: 7452
 Ion Ratio Lower Upper
 62 100
 64 51.8 24.2 45.0#

Instrument :
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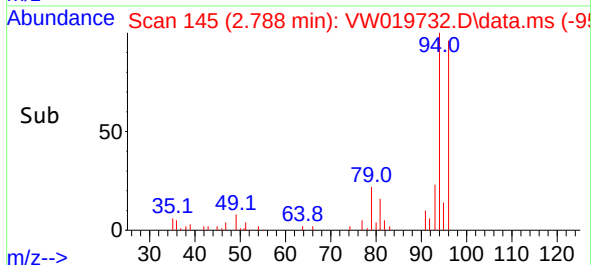
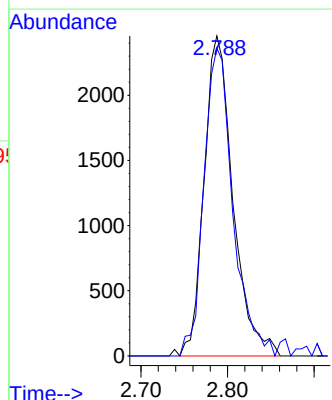
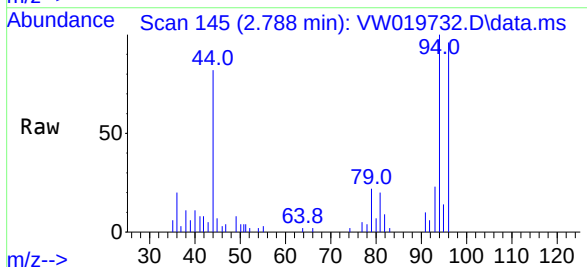
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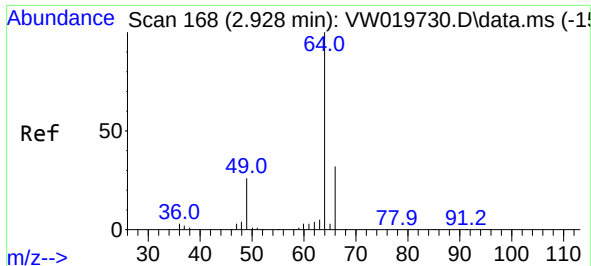
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#6
 Bromomethane
 Concen: 1.529 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW019732.D
 Acq: 13 Aug 2021 12:20

Tgt Ion: 94 Resp: 5688
 Ion Ratio Lower Upper
 94 100
 96 96.1 65.3 121.3





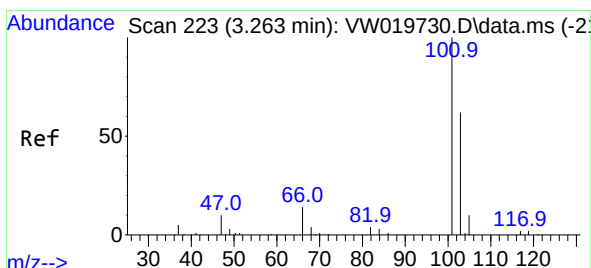
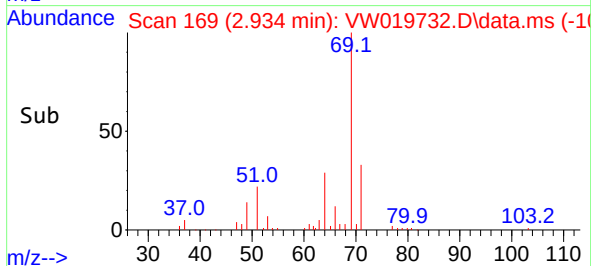
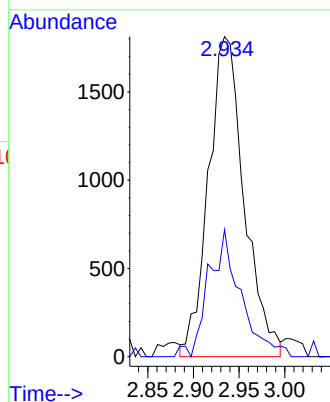
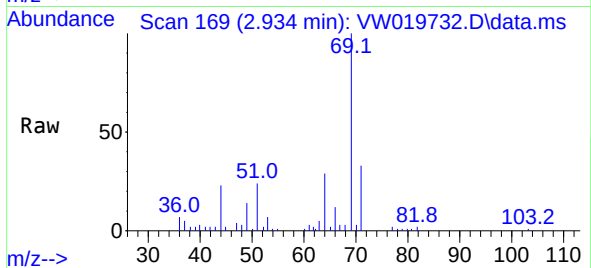
#8
Chloroethane
Concen: 1.546 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.006 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

Tgt Ion: 64 Resp: 4935
Ion Ratio Lower Upper
64 100
66 39.7 23.4 43.6

Instrument :
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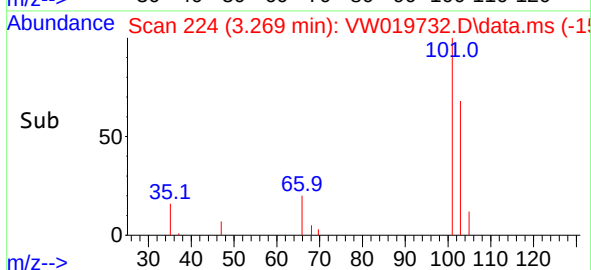
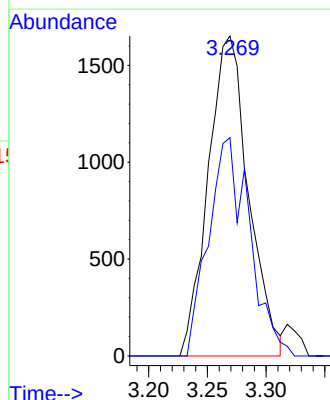
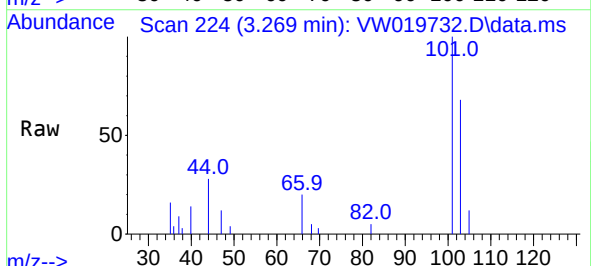
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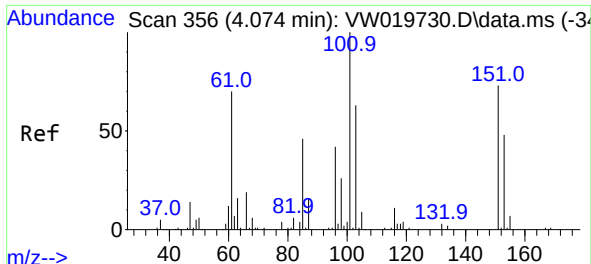
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#9
Trichlorofluoromethane
Concen: 1.343 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.006 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

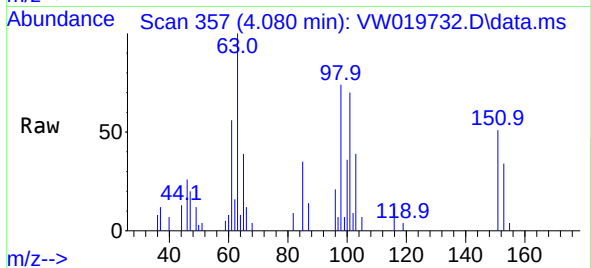
Tgt Ion: 101 Resp: 3949
Ion Ratio Lower Upper
101 100
103 47.1 51.0 76.4#





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.646 ug/L m
RT: 4.080 min Scan# 357
Delta R.T. 0.006 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

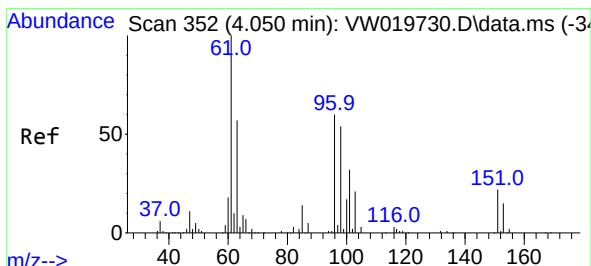
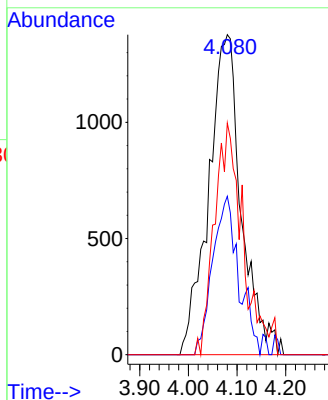
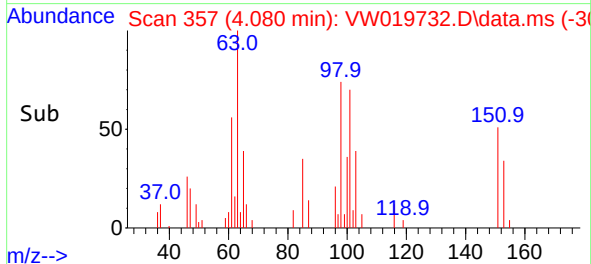
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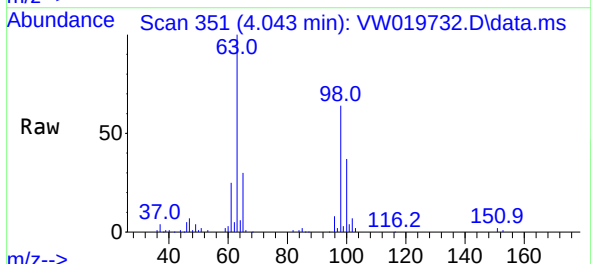
Tgt Ion:101 Resp: 6447
Ion Ratio Lower Upper
101 100
85 34.7 38.2 57.2#
151 22.5 56.6 85.0#

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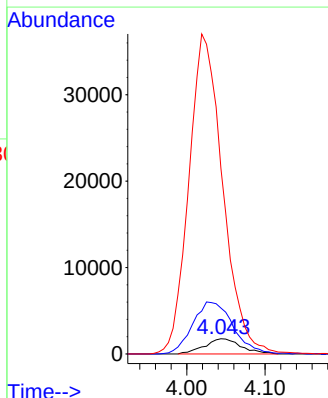
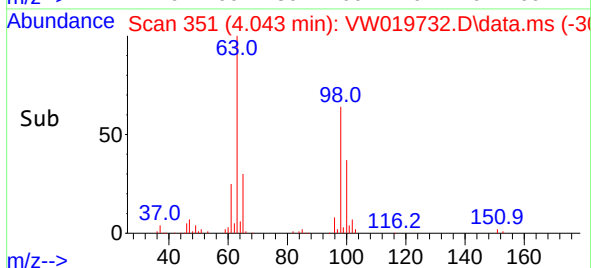
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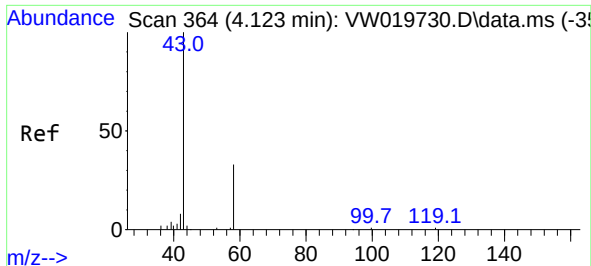


#12
1,1-Dichloroethene
Concen: 1.502 ug/L
RT: 4.043 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20



Tgt Ion: 96 Resp: 5725
Ion Ratio Lower Upper
96 100
61 302.2 118.1 219.3#
63 1223.0 83.7 155.5#





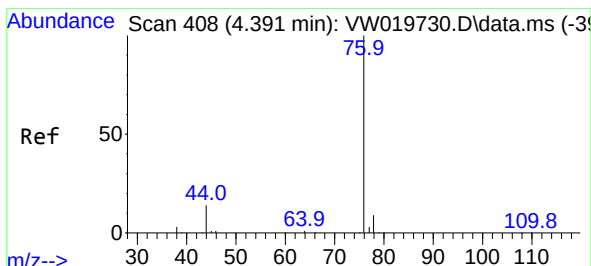
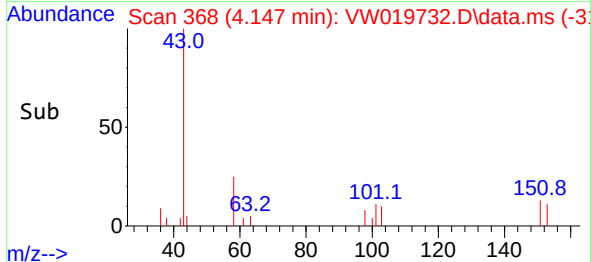
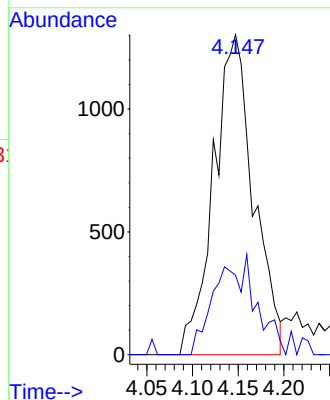
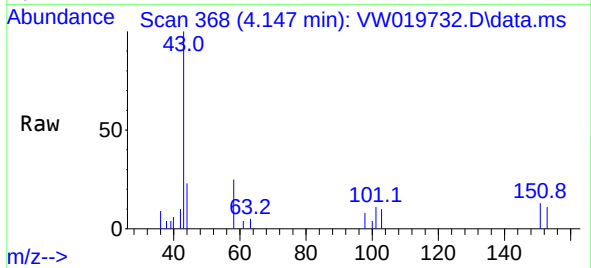
#13
Acetone
Concen: 3.977 ug/L
RT: 4.147 min Scan# 368
Delta R.T. 0.024 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

Tgt Ion: 43 Resp: 3966
Ion Ratio Lower Upper
43 100
58 8.3 0.0 53.8

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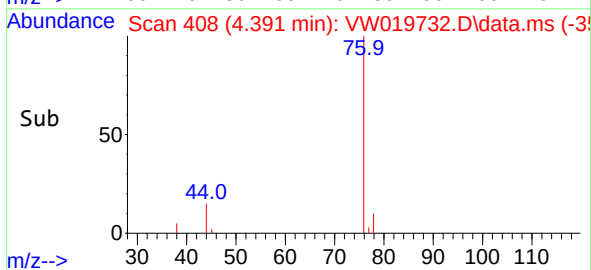
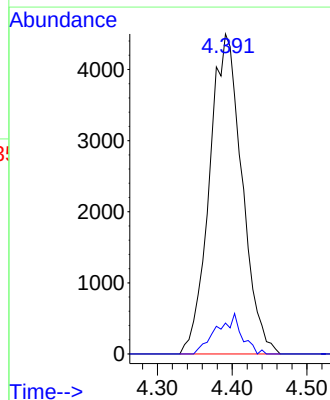
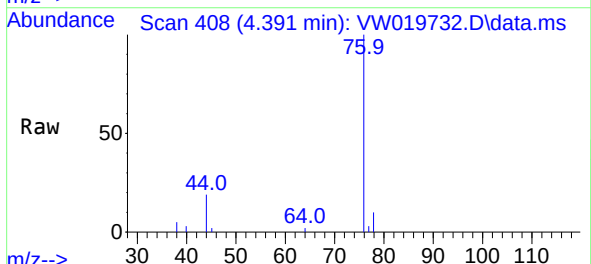
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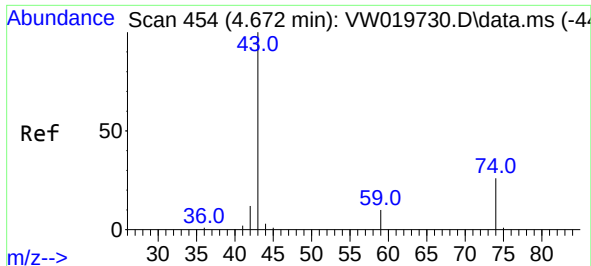
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#14
Carbon disulfide
Concen: 1.254 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

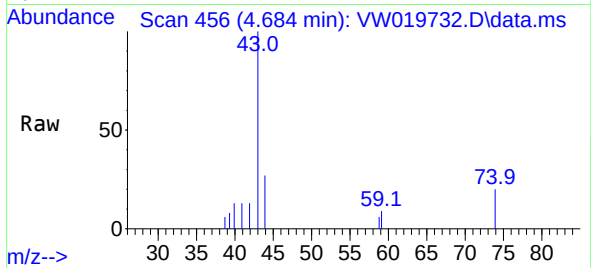
Tgt Ion: 76 Resp: 13612
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0





#15
Methyl Acetate
Concen: 1.500 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

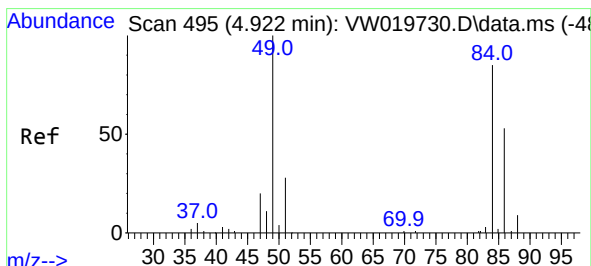
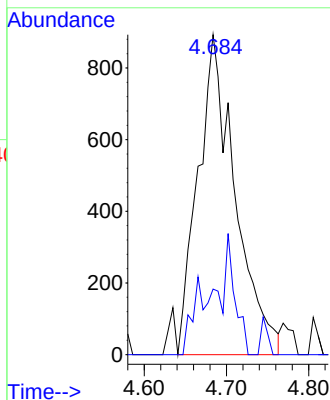
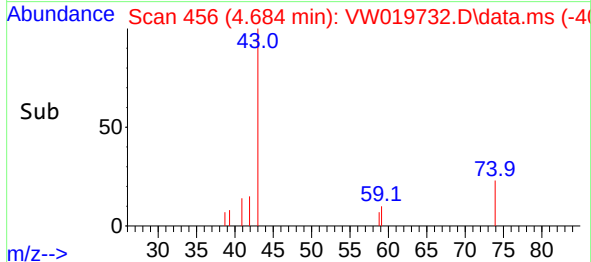
Instrument :
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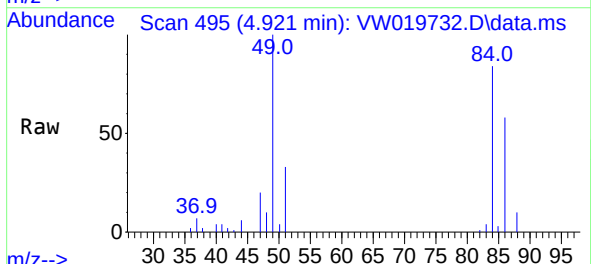
Tgt Ion: 43 Resp: 2798
Ion Ratio Lower Upper
43 100
74 8.1 20.0 30.0#

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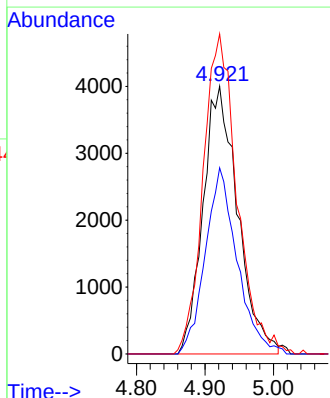
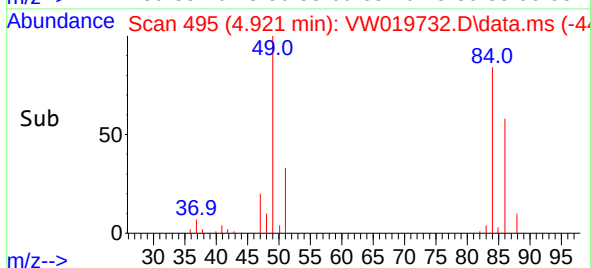
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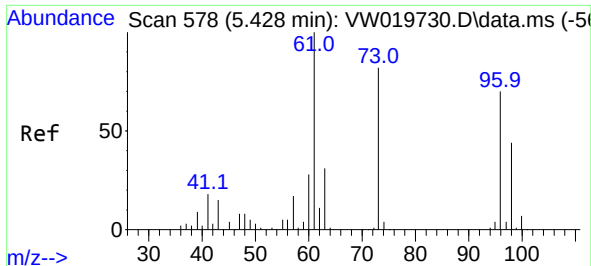


#16
Methylene chloride
Concen: 2.644 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20



Tgt Ion: 84 Resp: 14058
Ion Ratio Lower Upper
84 100
86 69.5 45.3 84.1
49 119.5 86.6 160.8





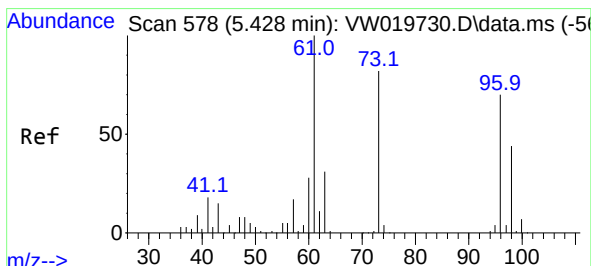
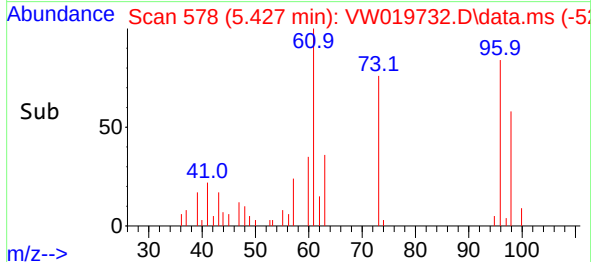
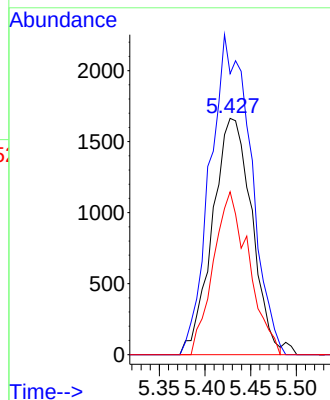
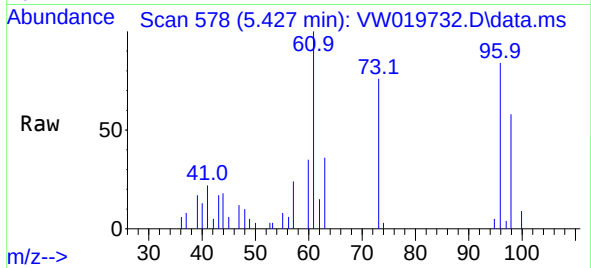
#17
trans-1,2-Dichloroethene
Concen: 1.191 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

Tgt Ion: 96 Resp: 4965
Ion Ratio Lower Upper
96 100
61 118.9 98.3 182.7
98 68.9 46.1 85.7

Instrument :
MSVOA_W
ClientSampleId :
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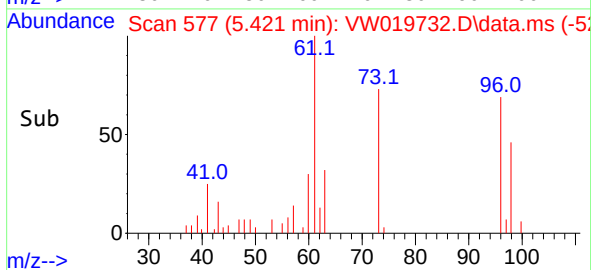
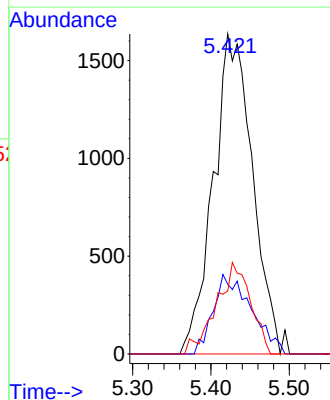
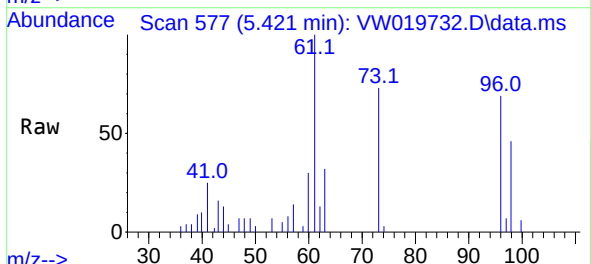
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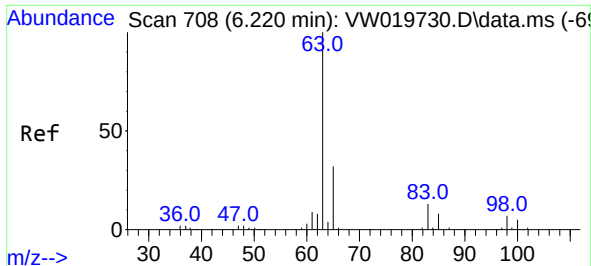
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#18
Methyl tert-butyl Ether
Concen: 0.937 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

Tgt Ion: 73 Resp: 5674
Ion Ratio Lower Upper
73 100
43 12.3 17.7 26.5#
57 16.7 17.0 25.4#





#19

1,1-Dichloroethane

Concen: 1.104 ug/L

RT: 6.226 min Scan# 709

Delta R.T. 0.006 min

Lab File: VW019732.D

Acq: 13 Aug 2021 12:20

Tgt Ion:	63	Resp:	9672
Ion	Ratio	Lower	Upper
63	100		
65	28.5	22.9	42.5
83	13.1	10.2	19.0

Instrument :

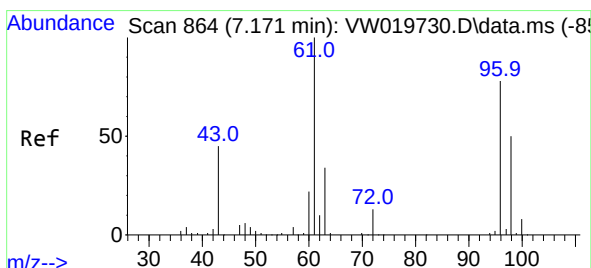
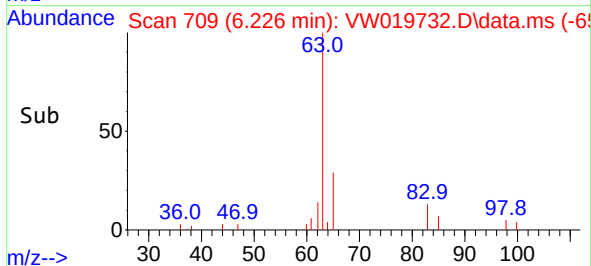
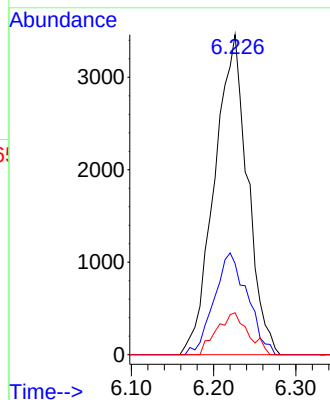
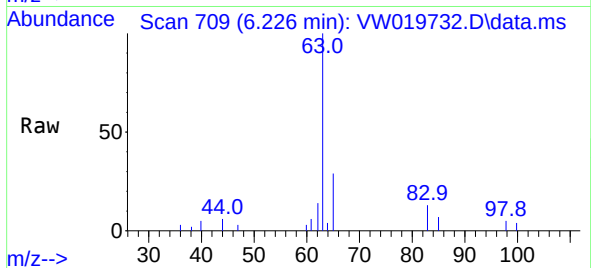
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ClientSampleId :

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#20

cis-1,2-Dichloroethene

Concen: 1.140 ug/L

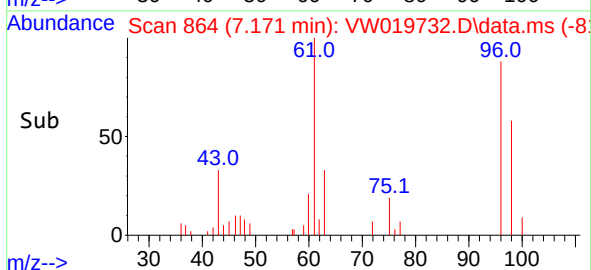
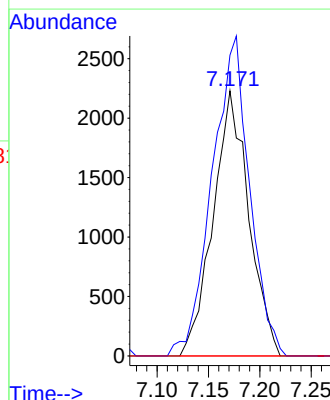
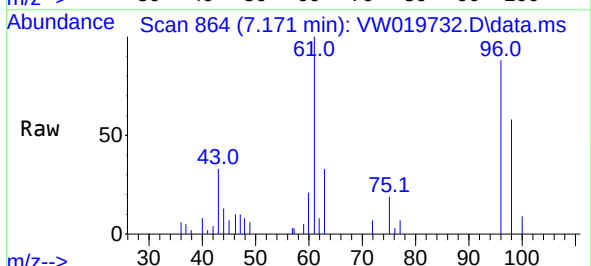
RT: 7.171 min Scan# 864

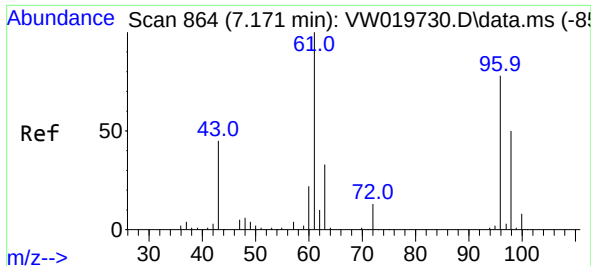
Delta R.T. -0.000 min

Lab File: VW019732.D

Acq: 13 Aug 2021 12:20

Tgt Ion:	96	Resp:	5382
Ion	Ratio	Lower	Upper
96	100		
61	113.4	88.5	164.3
68	0.0	0.0	0.0





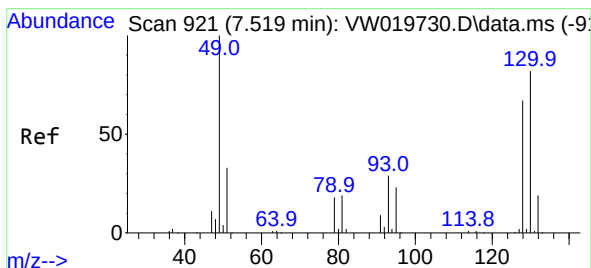
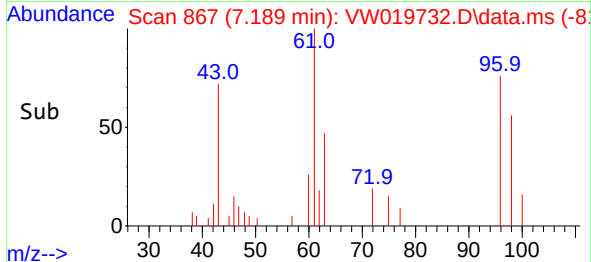
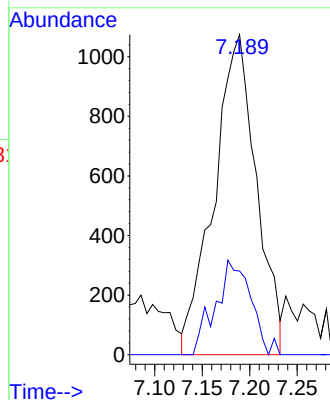
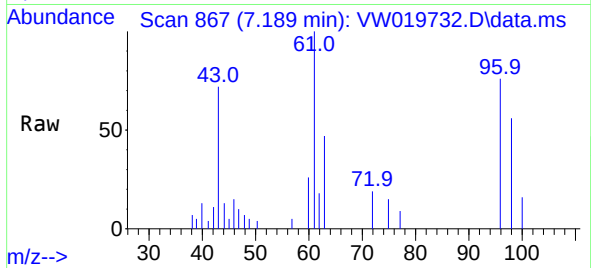
#22
2-Butanone
Concen: 2.495 ug/L m
RT: 7.189 min Scan# 867
Delta R.T. 0.018 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

Tgt Ion: 43 Resp: 3328
Ion Ratio Lower Upper
43 100
72 24.1 14.9 44.7

Instrument :
MSVOA_W
ClientSampleId :
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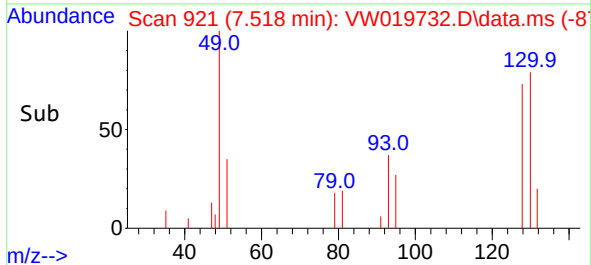
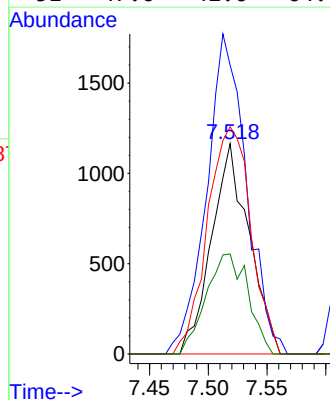
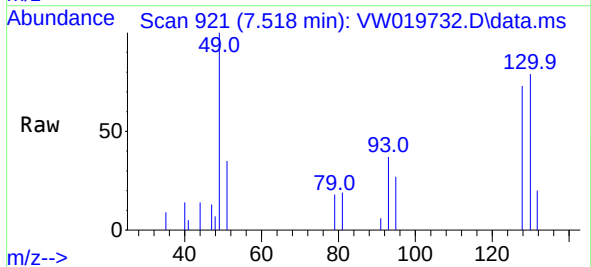
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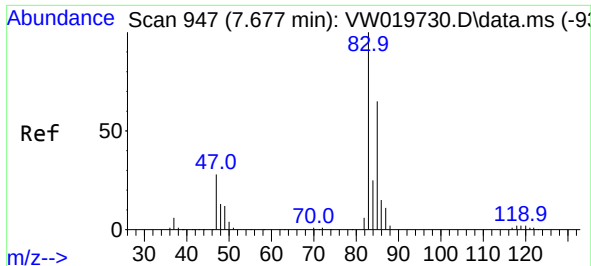
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#23
Bromochloromethane
Concen: 1.188 ug/L
RT: 7.518 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

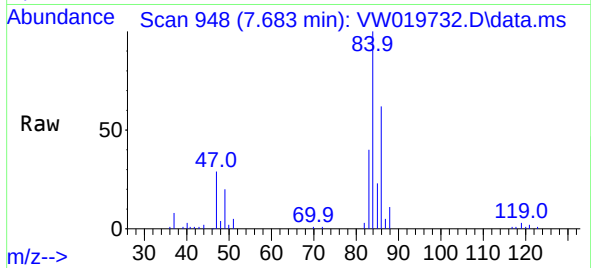
Tgt Ion: 128 Resp: 2596
Ion Ratio Lower Upper
128 100
49 137.3 116.3 215.9
130 108.0 82.4 153.0
51 47.6 42.6 64.0





#25
Chloroform
Concen: 1.265 ug/L
RT: 7.683 min Scan# 948
Delta R.T. 0.006 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

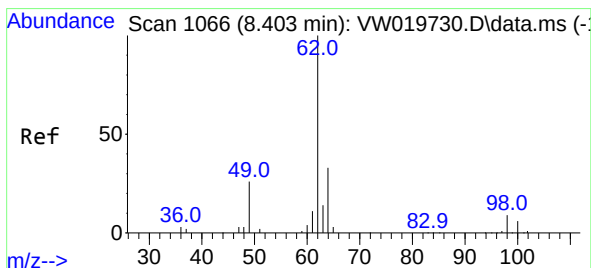
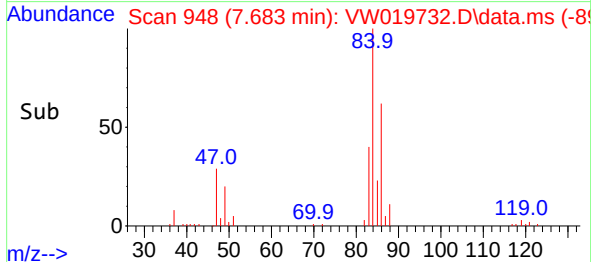
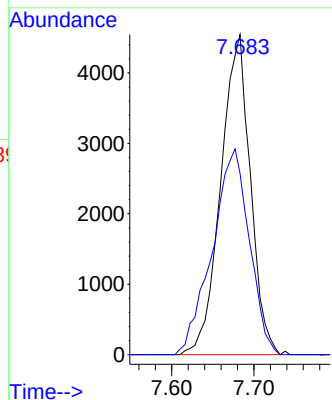
Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 83 Resp: 11352
Ion Ratio Lower Upper
83 100
85 56.7 44.6 82.8

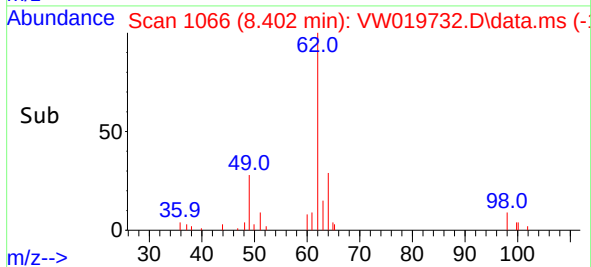
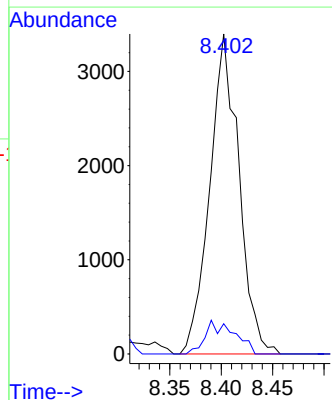
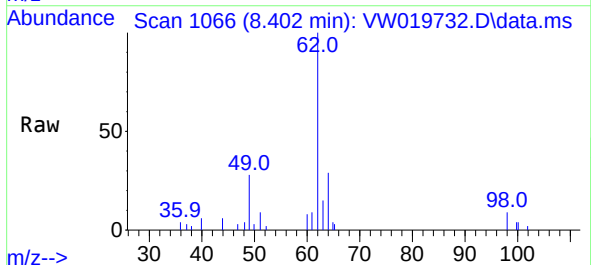
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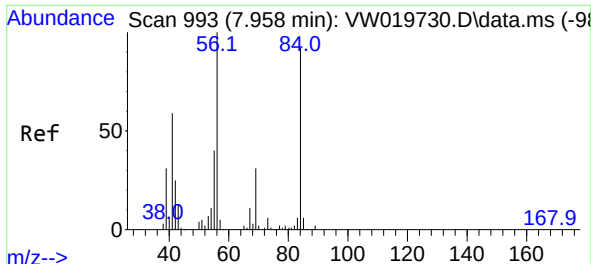
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#27
1,2-Dichloroethane
Concen: 1.070 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

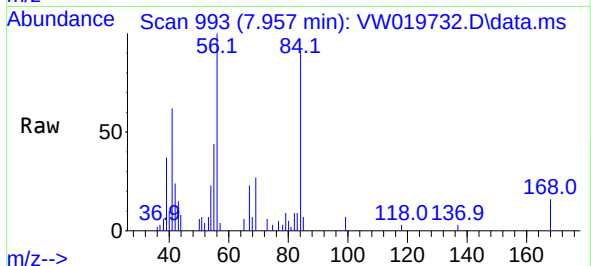
Tgt Ion: 62 Resp: 6706
Ion Ratio Lower Upper
62 100
98 9.4 6.9 10.3





#29
Cyclohexane
Concen: 0.928 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

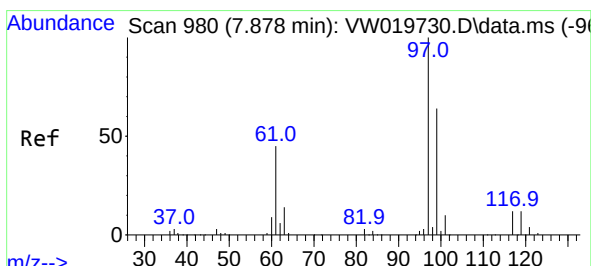
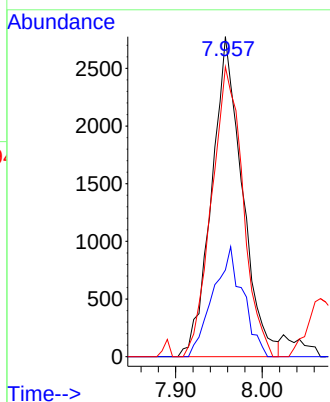
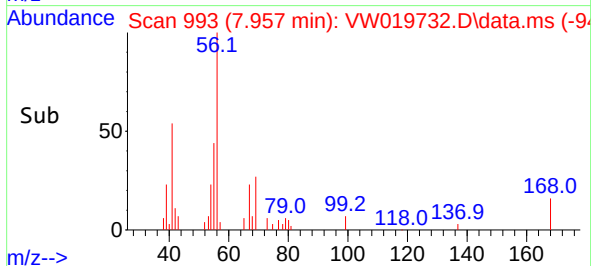
Instrument :
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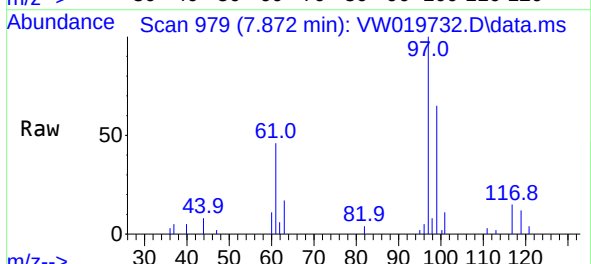
Tgt Ion:	56	Resp:	6806
Ion	Ratio	Lower	Upper
56	100		
69	28.3	24.5	36.7
84	92.7	75.0	112.4

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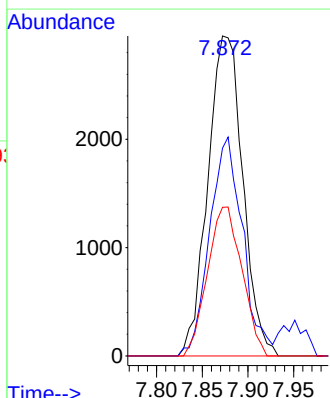
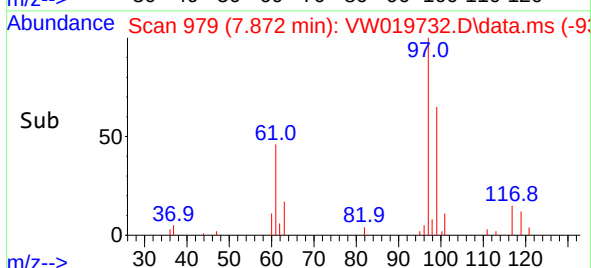
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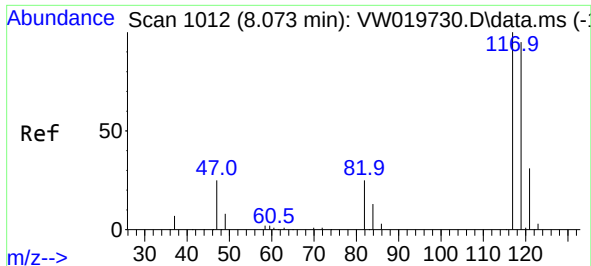


#30
1,1,1-Trichloroethane
Concen: 1.039 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20



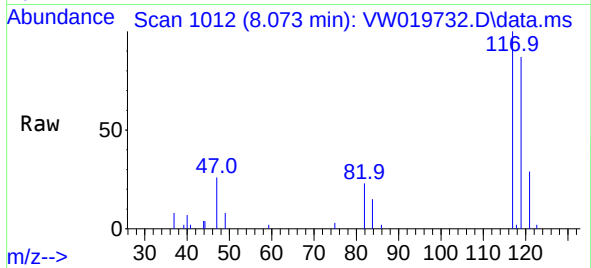
Tgt Ion:	97	Resp:	7869
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.2
61	45.8	37.8	56.6





#31
Carbon tetrachloride
Concen: 1.041 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

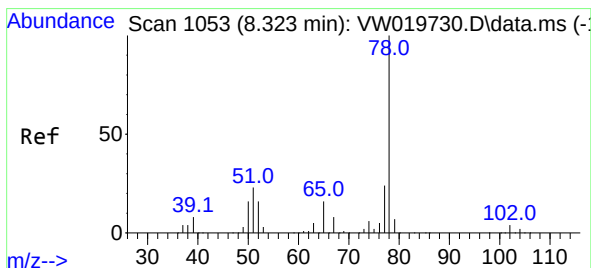
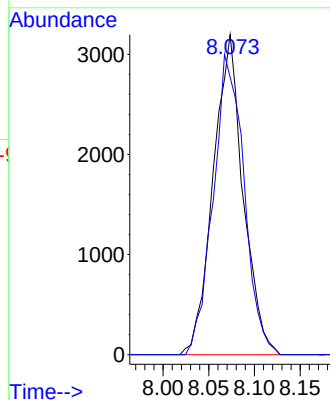
Instrument :
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Tgt Ion:117 Resp: 7274
Ion Ratio Lower Upper
117 100
119 96.9 76.5 114.7

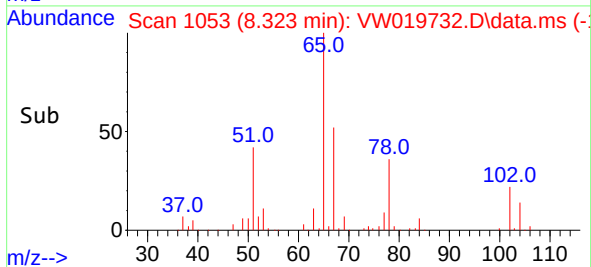
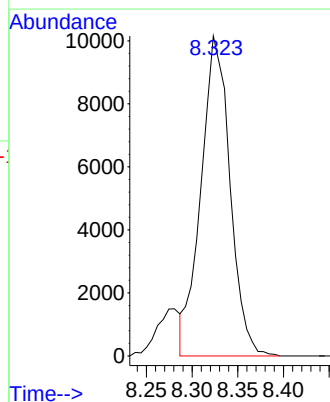
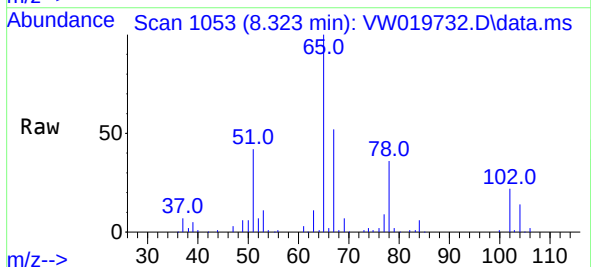
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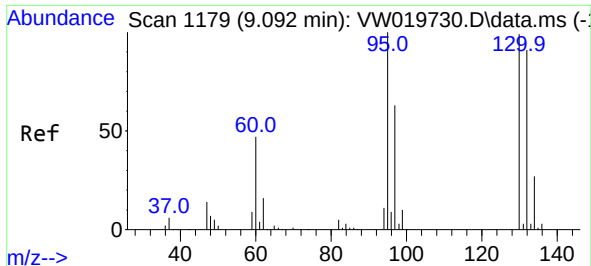
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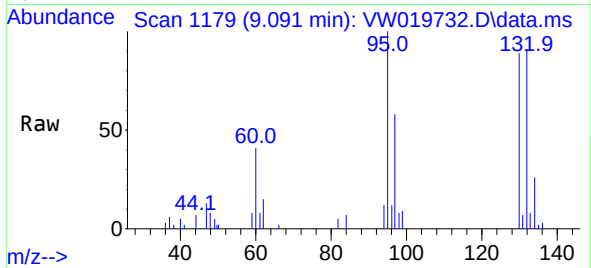
#33
Benzene
Concen: 1.094 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

Tgt Ion: 78 Resp: 22439



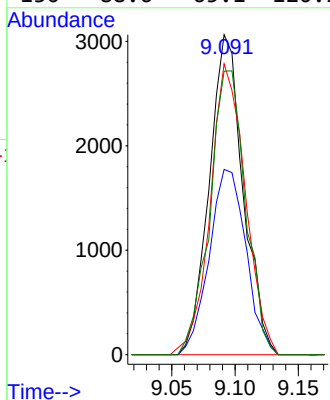


#34
Trichloroethene
Concen: 1.126 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20



Tgt Ion: 95 Resp: 5724

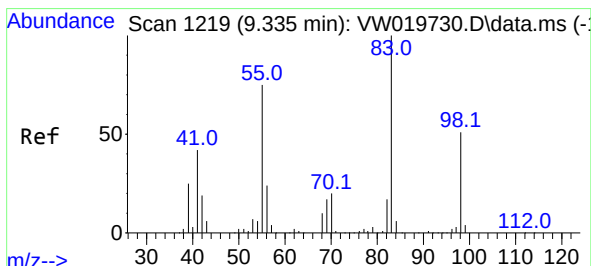
Ion	Ratio	Lower	Upper
95	100		
97	57.9	47.3	87.8
132	90.9	71.0	131.8
130	88.6	65.1	120.9



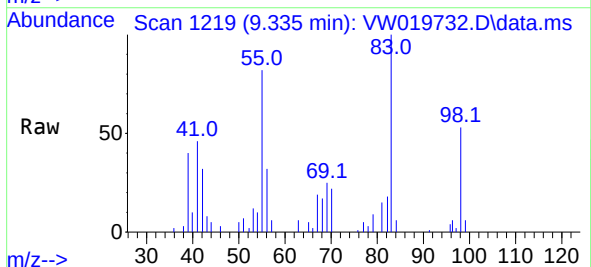
Instrument :
MSVOA_W
ClientSampleId :
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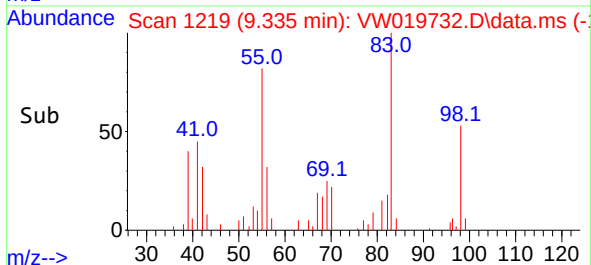
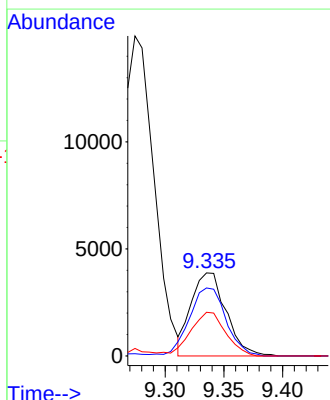


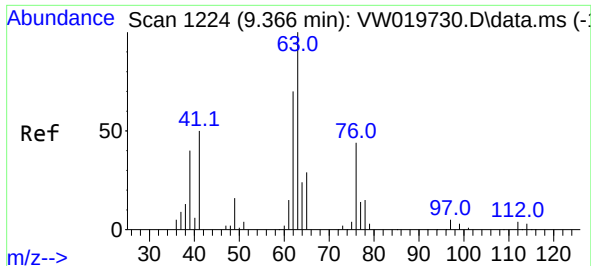
#35
Methylcyclohexane
Concen: 0.957 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20



Tgt Ion: 83 Resp: 8046

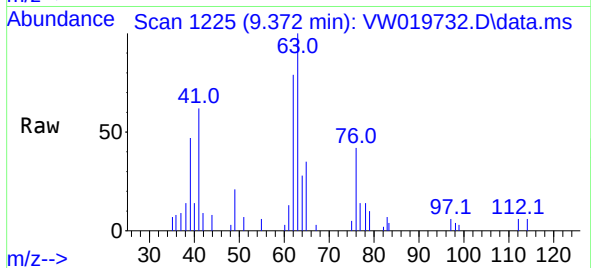
Ion	Ratio	Lower	Upper
83	100		
55	85.2	58.9	88.3
98	52.1	40.1	60.1





#37
1,2-Dichloropropane
Concen: 1.087 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

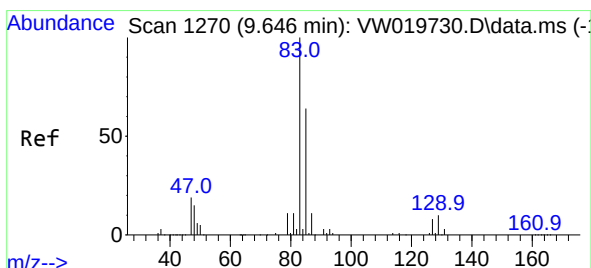
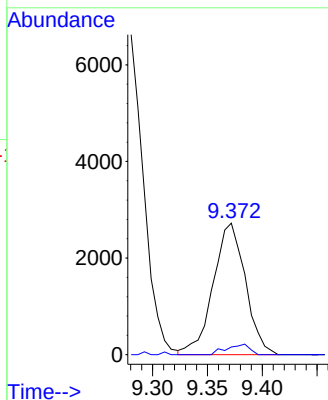
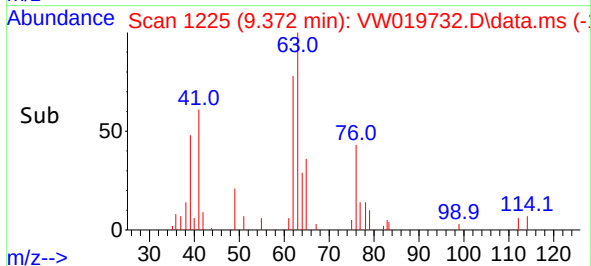
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2021-08



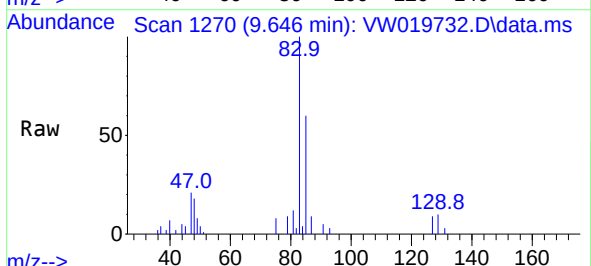
Tgt Ion: 63 Resp: 5570
Ion Ratio Lower Upper
63 100
112 5.7 3.9 5.9

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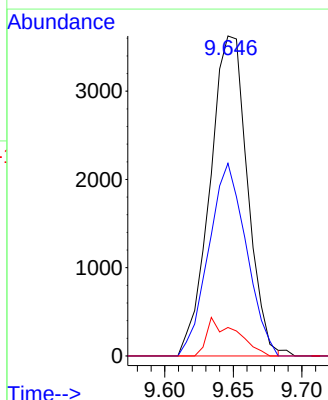
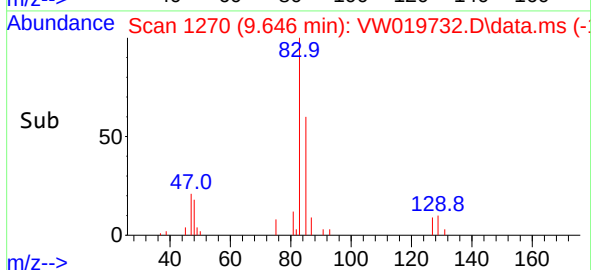
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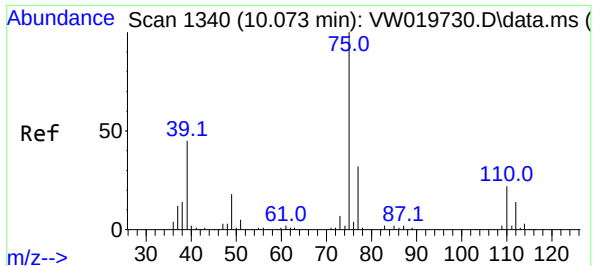


#38
Bromodichloromethane
Concen: 1.060 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20



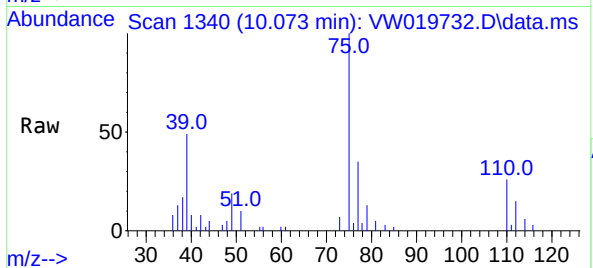
Tgt Ion: 83 Resp: 6882
Ion Ratio Lower Upper
83 100
85 60.2 42.3 78.5
127 8.9 6.6 9.8





#39
cis-1,3-Dichloropropene
Concen: 0.942 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

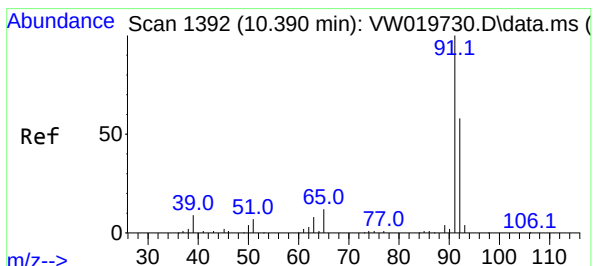
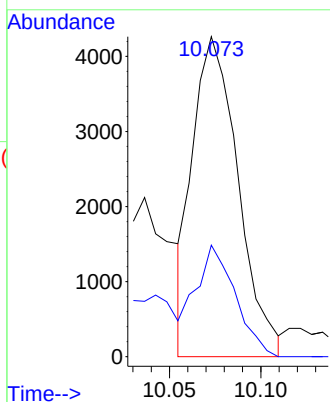
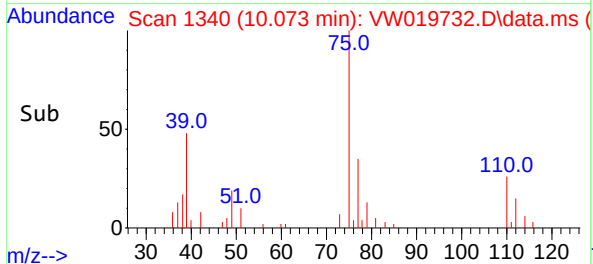
Instrument :
MSVOA_W
ClientSampleId :
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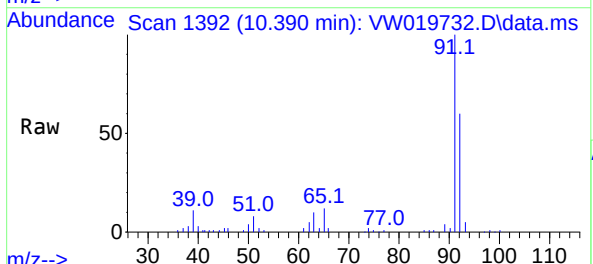
Tgt Ion: 75 Resp: 7361
Ion Ratio Lower Upper
75 100
77 34.8 22.6 42.0

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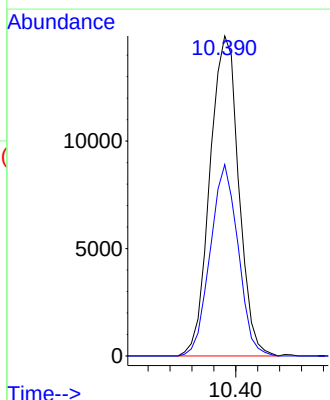
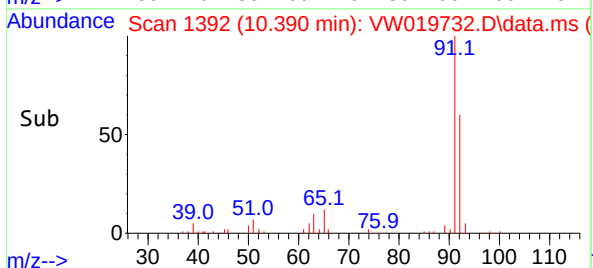
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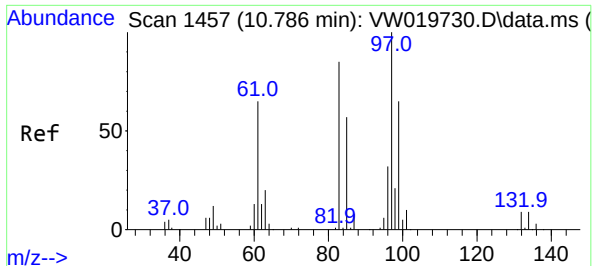


#42
Toluene
Concen: 1.261 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

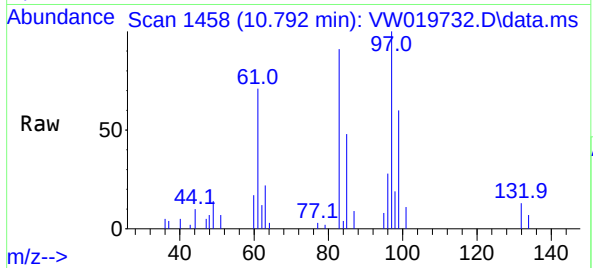


Tgt Ion: 91 Resp: 27149
Ion Ratio Lower Upper
91 100
92 59.8 39.5 73.3

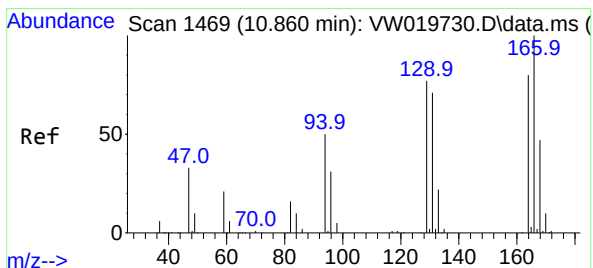
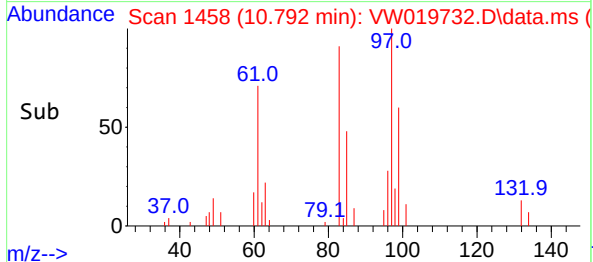
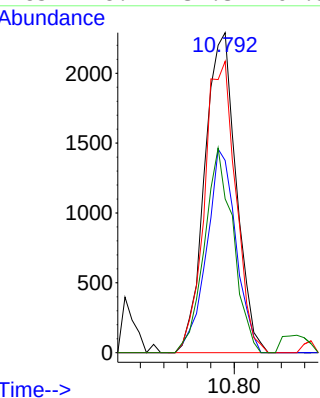




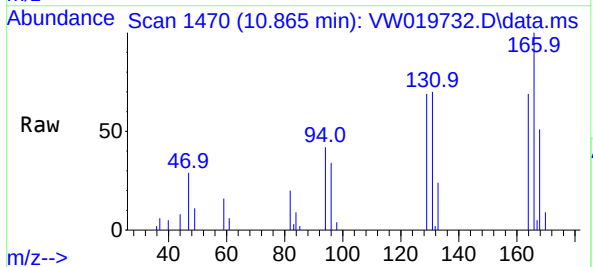
#45
1,1,2-Trichloroethane
Concen: 1.122 ug/L
RT: 10.792 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20



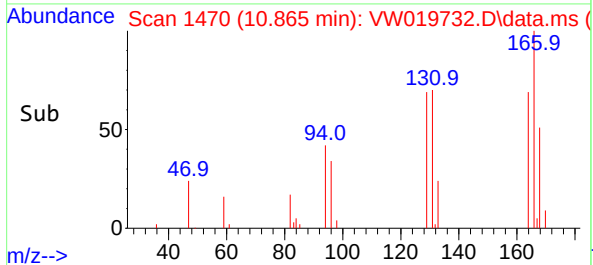
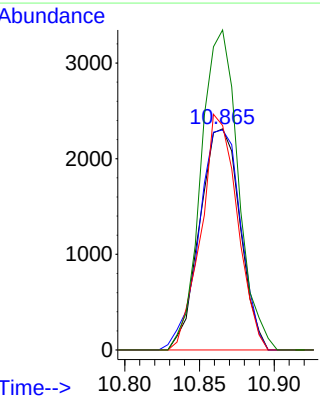
Tgt Ion:	97	Resp:	4253
Ion	Ratio	Lower	Upper
97	100		
99	60.1	45.1	83.7
83	91.1	58.1	107.9
85	48.1	37.3	69.3



#46
Tetrachloroethene
Concen: 1.129 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20



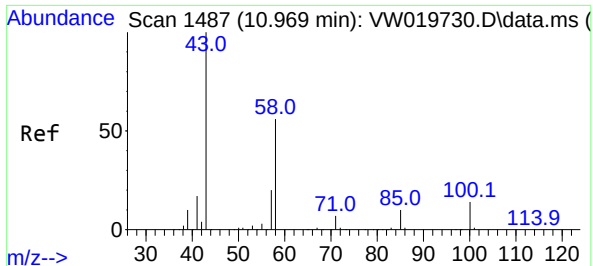
Tgt Ion:	164	Resp:	4316
Ion	Ratio	Lower	Upper
164	100		
129	99.5	66.7	123.9
131	101.5	61.1	113.5
166	144.7	87.0	161.6



Instrument :
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ClientSampleId :
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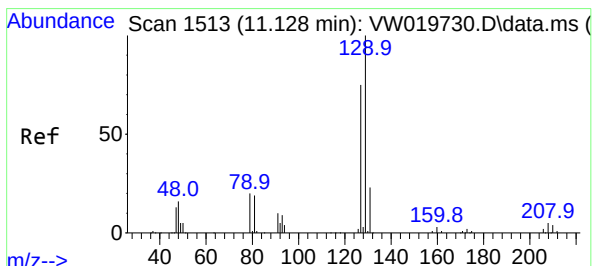
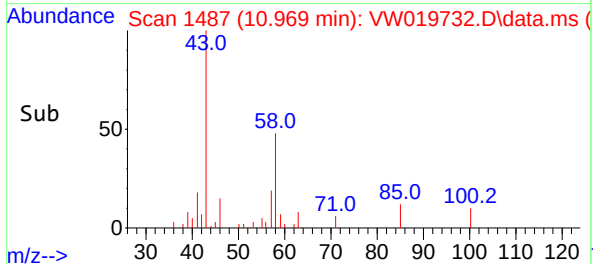
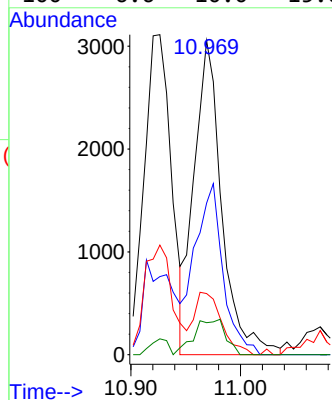
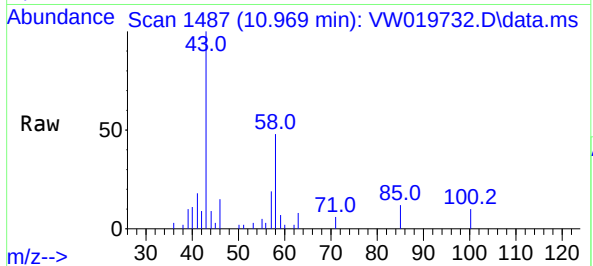
#48
2-Hexanone
Concen: 2.486 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

Tgt Ion:	43	Resp:	5386
Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.7	64.1#
57	19.4	15.8	23.8
100	6.6	10.0	15.0#

Instrument :
MSVOA_W
ClientSampleId :
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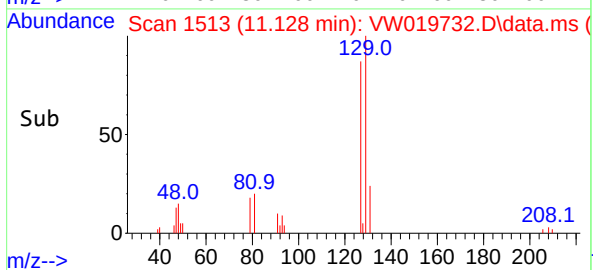
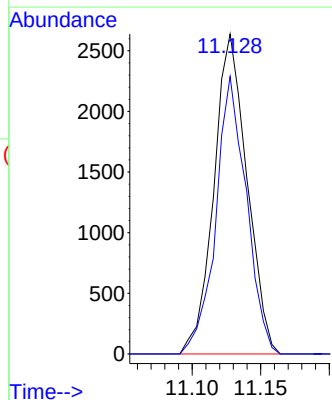
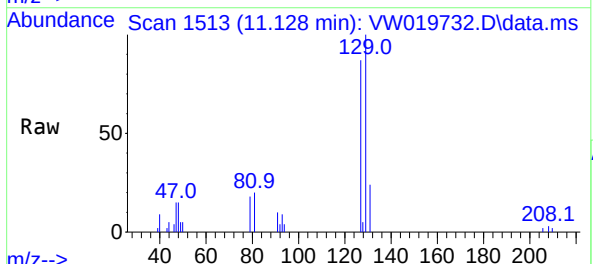
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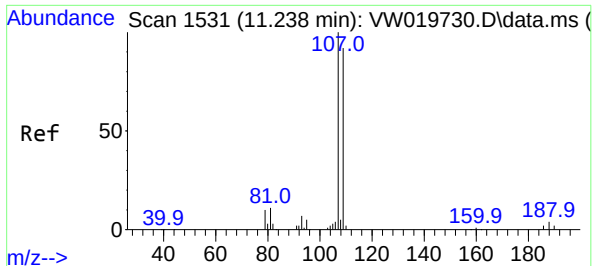
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#49
Dibromochloromethane
Concen: 1.055 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

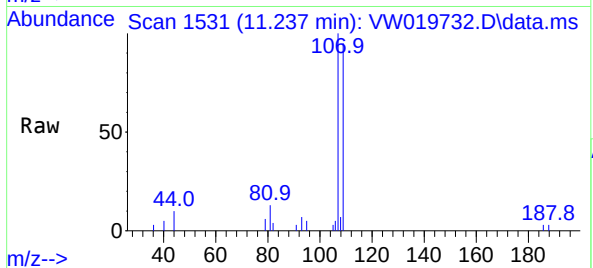
Tgt Ion:	129	Resp:	4430
Ion	Ratio	Lower	Upper
129	100		
127	86.7	51.7	95.9





#50
1,2-Dibromoethane
Concen: 1.087 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

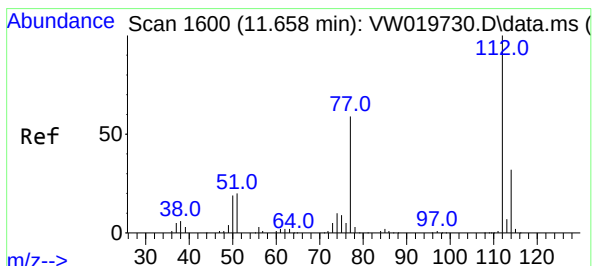
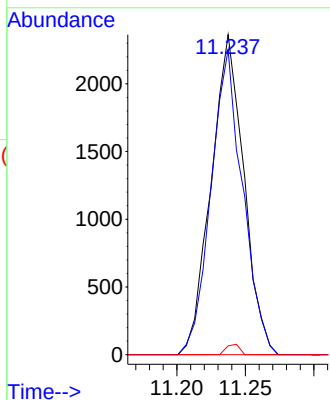
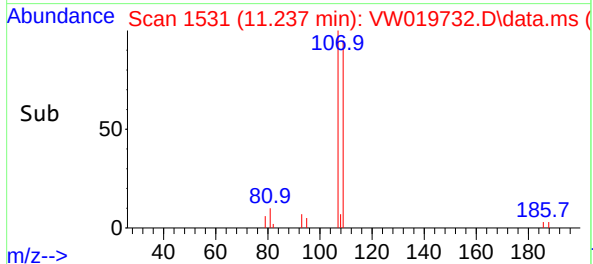
Instrument :
MSVOA_W
ClientSampleId :
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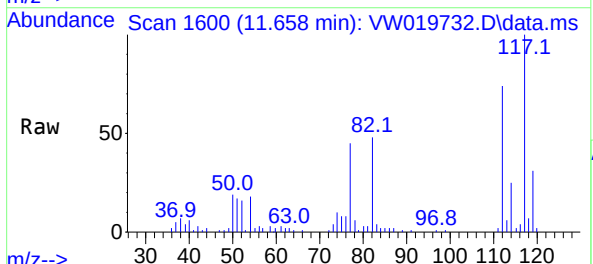
Tgt Ion:107 Resp: 3921
Ion Ratio Lower Upper
107 100
109 95.3 65.4 121.4
188 2.8 2.6 4.0

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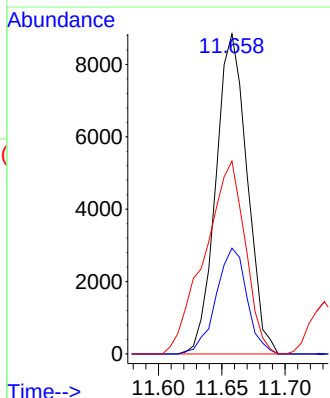
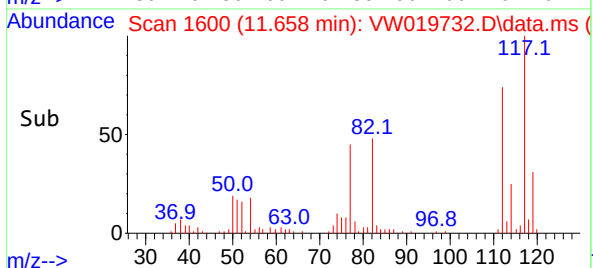
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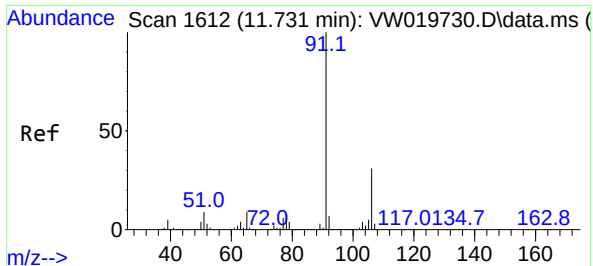


#51
Chlorobenzene
Concen: 1.154 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20



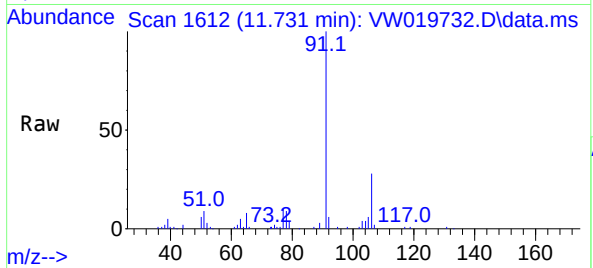
Tgt Ion:112 Resp: 15196
Ion Ratio Lower Upper
112 100
114 33.0 23.4 43.6
77 60.3 47.6 71.4





#52
Ethylbenzene
Concen: 1.021 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

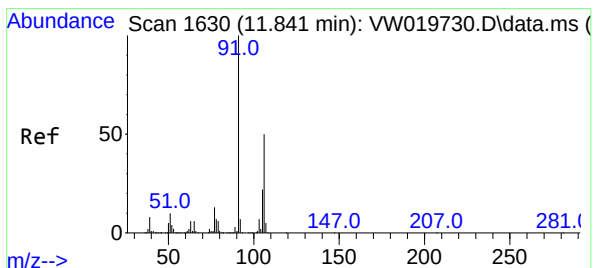
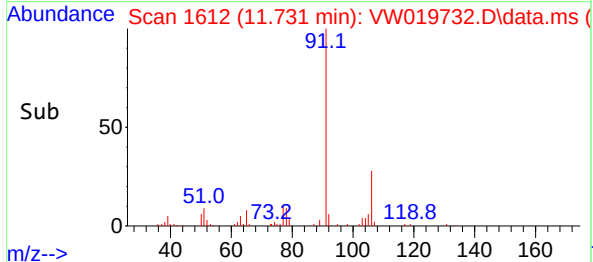
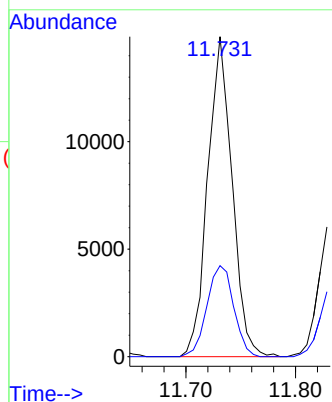
Instrument :
MSVOA_W
ClientSampleId :
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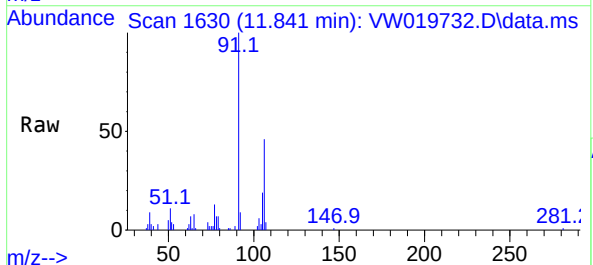
Tgt Ion: 91 Resp: 23029
Ion Ratio Lower Upper
91 100
106 28.5 22.5 41.7

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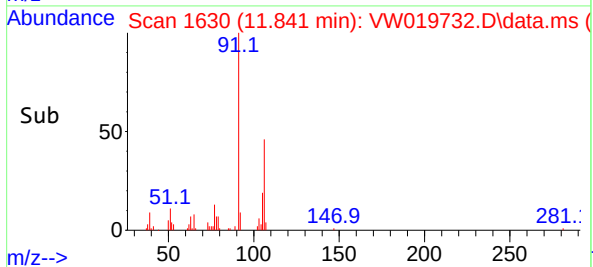
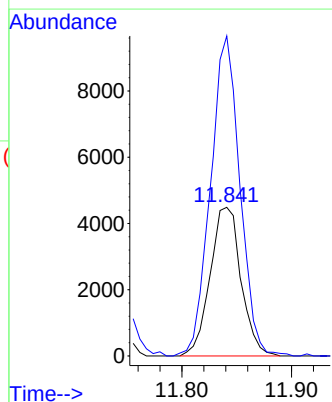
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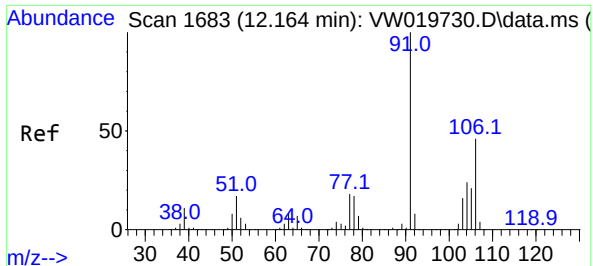


#53
m,p-Xylene
Concen: 1.023 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20



Tgt Ion: 106 Resp: 8782
Ion Ratio Lower Upper
106 100
91 215.2 141.3 262.3





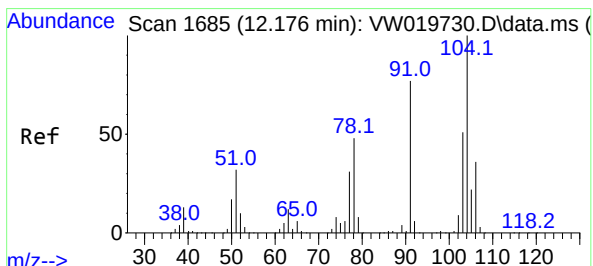
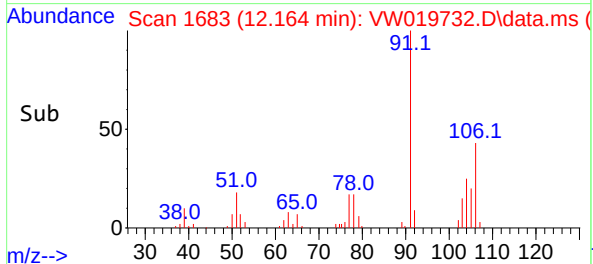
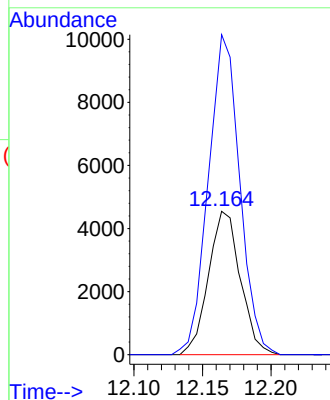
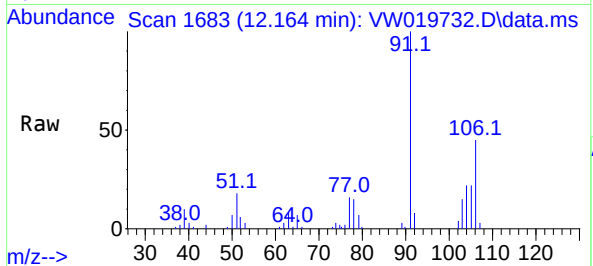
#54
o-Xylene
Concen: 0.888 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:106 Resp: 7363
Ion Ratio Lower Upper
106 100
91 223.1 150.0 278.6

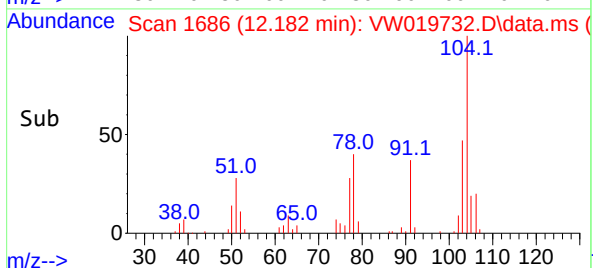
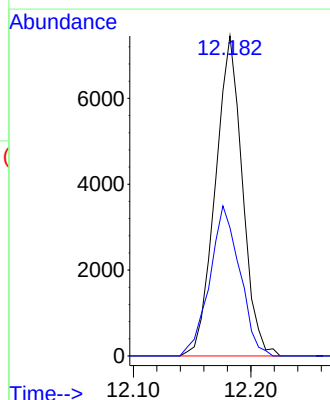
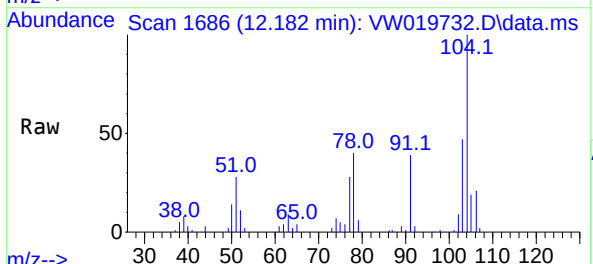
Manual Integrations
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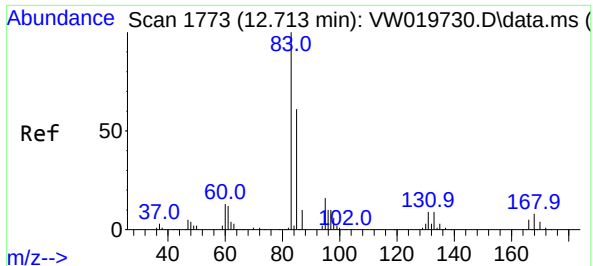
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#55
Styrene
Concen: 0.839 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

Tgt Ion:104 Resp: 11942
Ion Ratio Lower Upper
104 100
78 40.1 32.5 60.3





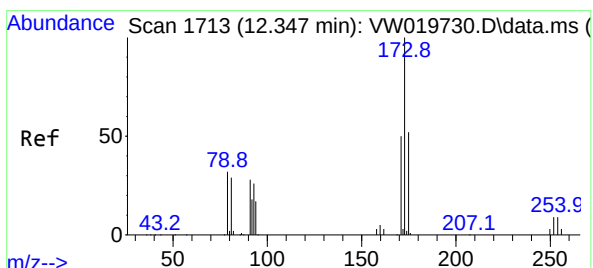
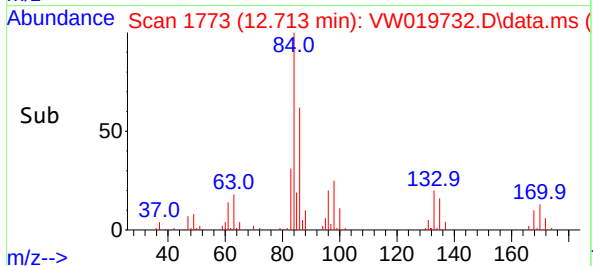
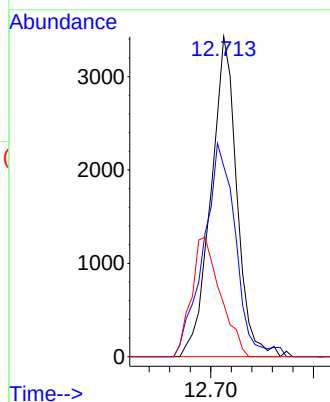
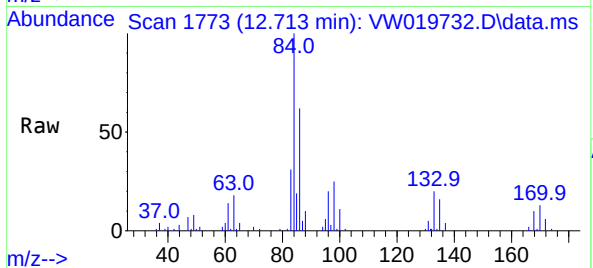
#57
1,1,2,2-Tetrachloroethane
Concen: 1.241 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

Tgt Ion:	83	Resp:	5984
Ion	Ratio	Lower	Upper
83	100		
85	59.5	44.4	82.4
131	19.6	8.2	12.4#

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2021-08

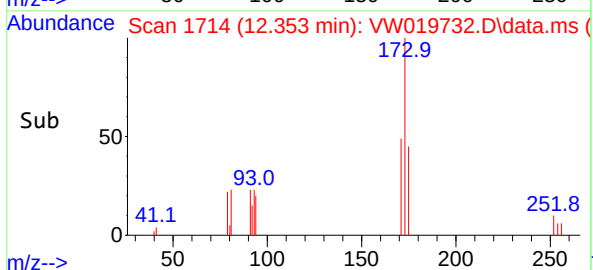
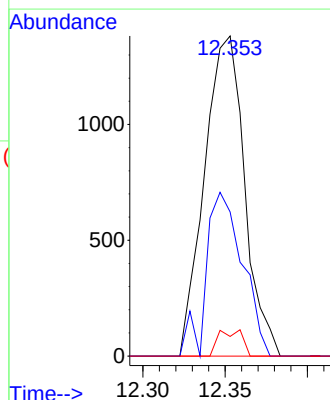
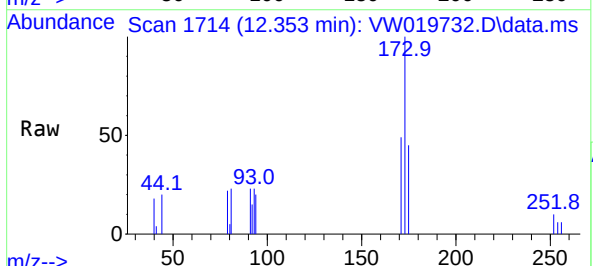
Manual Integrations
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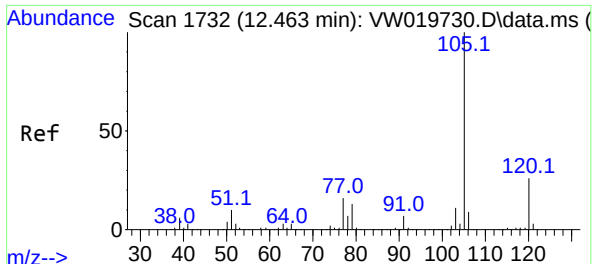
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#59
Bromoform
Concen: 1.044 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

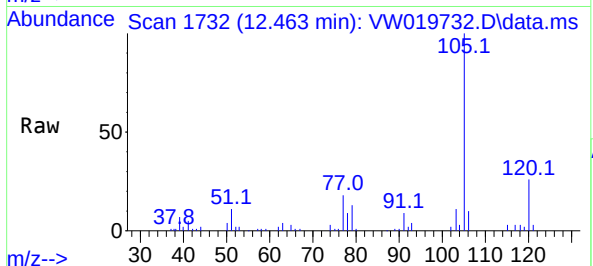
Tgt Ion:	173	Resp:	2348
Ion	Ratio	Lower	Upper
173	100		
175	43.4	37.5	56.3
254	4.8	7.0	10.4#





#60
Isopropylbenzene
Concen: 0.960 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

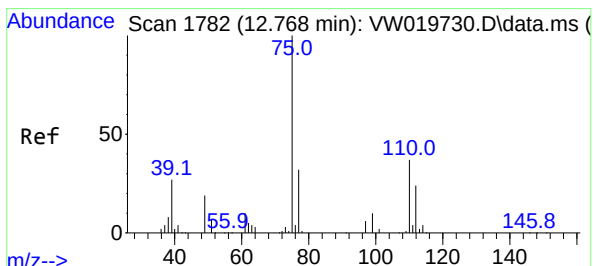
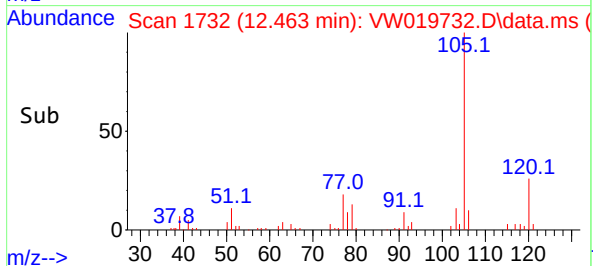
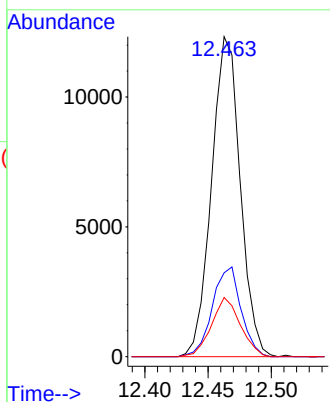
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2021-08



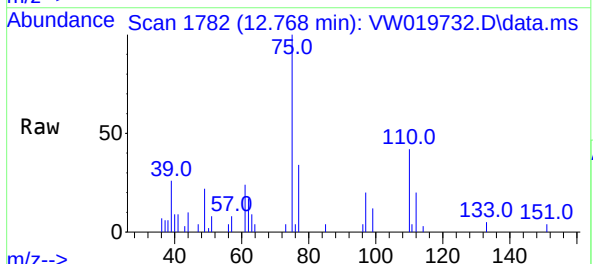
Tgt Ion:	105	Resp:	19427
Ion Ratio	Lower	Upper	
105	100		
120	28.0	21.1	31.7
77	18.7	13.2	19.8

Manual Integrations
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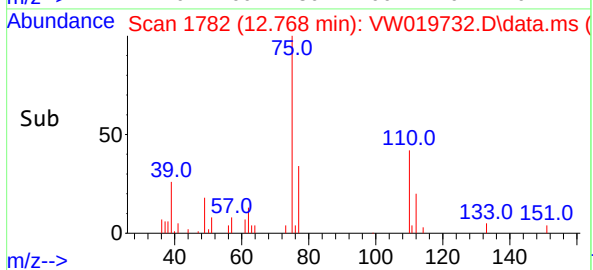
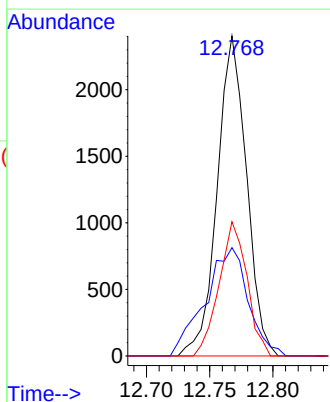
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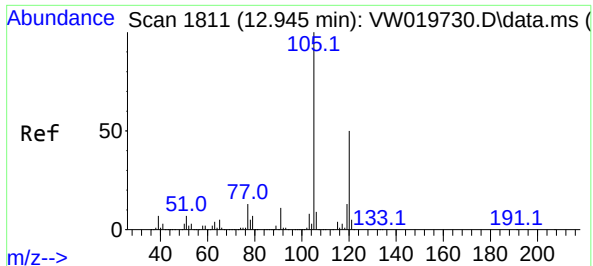


#61
1,2,3-Trichloropropane
Concen: 1.158 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20



Tgt Ion:	75	Resp:	3875
Ion Ratio	Lower	Upper	
75	100		
77	49.7	25.3	37.9#
110	39.9	32.6	48.8





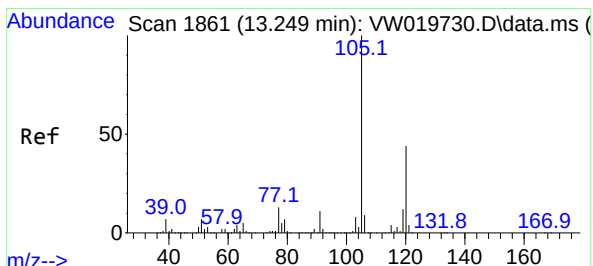
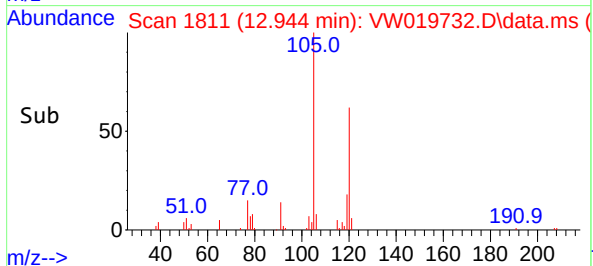
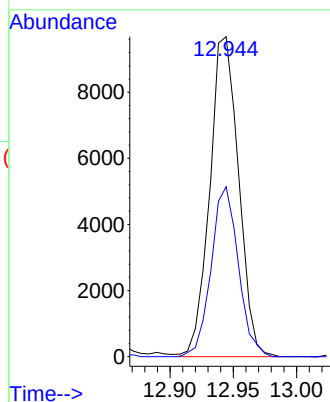
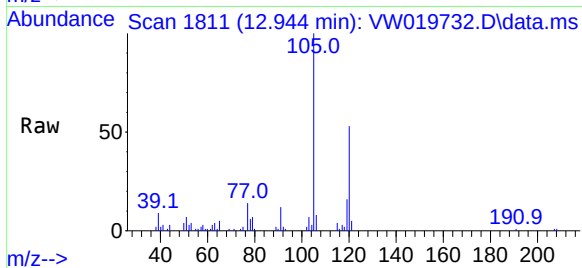
#62
1,3,5-Trimethylbenzene
Concen: 0.911 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2021-08

Tgt Ion:105 Resp: 15355
Ion Ratio Lower Upper
105 100
120 50.0 39.0 58.6

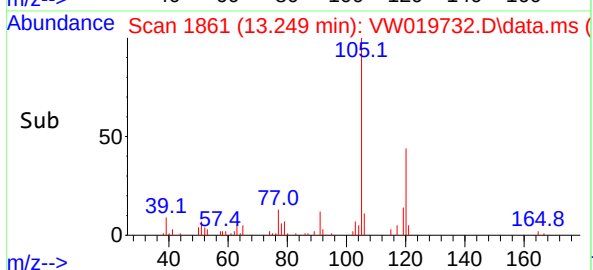
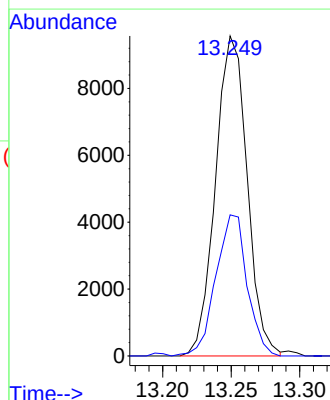
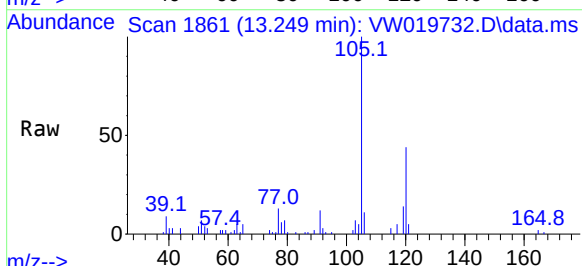
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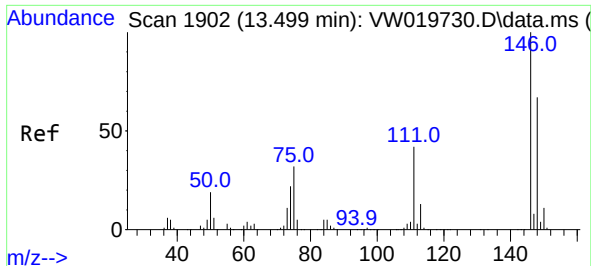
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#63
1,2,4-Trimethylbenzene
Concen: 0.875 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

Tgt Ion:105 Resp: 15383
Ion Ratio Lower Upper
105 100
120 43.6 35.6 53.4





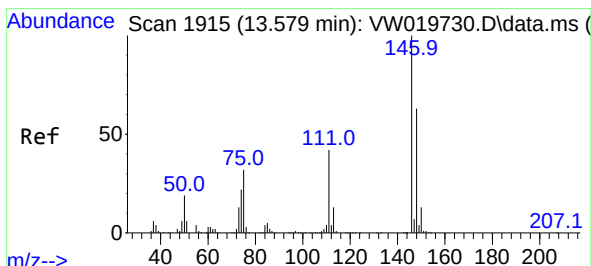
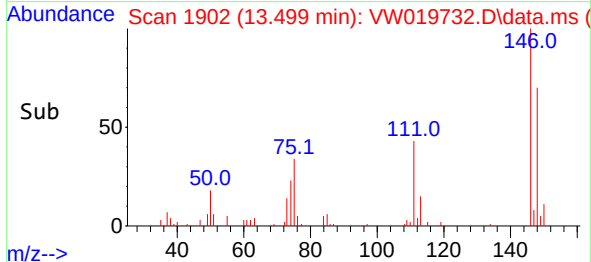
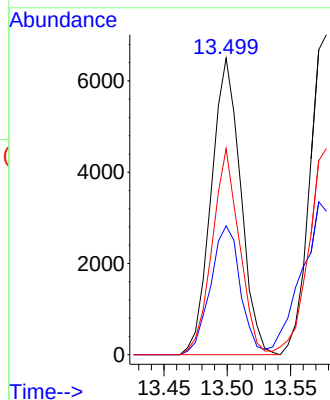
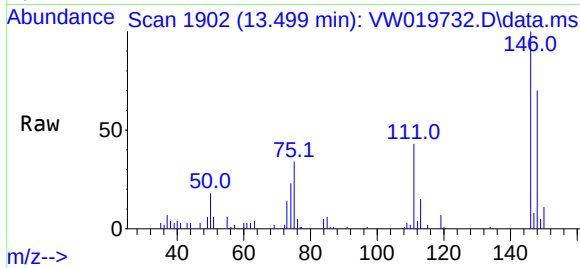
#64
1,3-Dichlorobenzene
Concen: 1.072 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

Tgt Ion:146 Resp: 10509
Ion Ratio Lower Upper
146 100
111 43.5 26.7 49.7
148 69.5 41.1 76.3

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2021-08

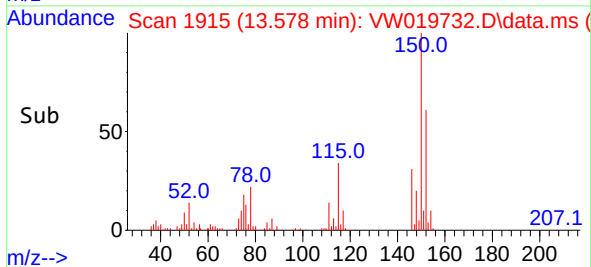
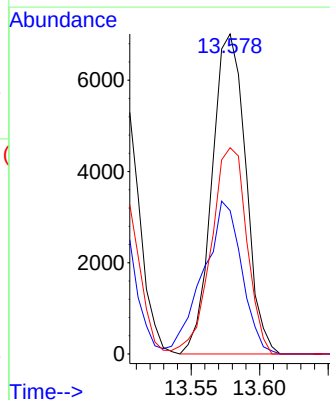
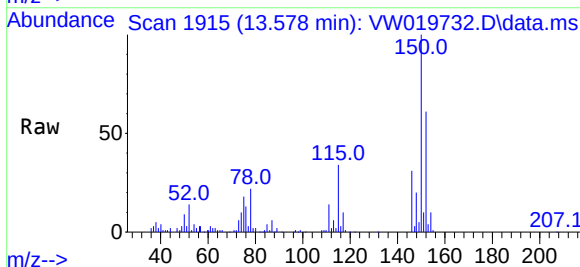
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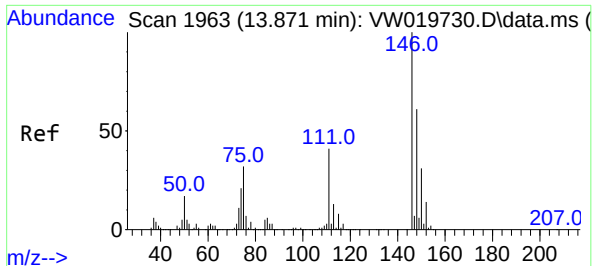
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#65
1,4-Dichlorobenzene
Concen: 1.213 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

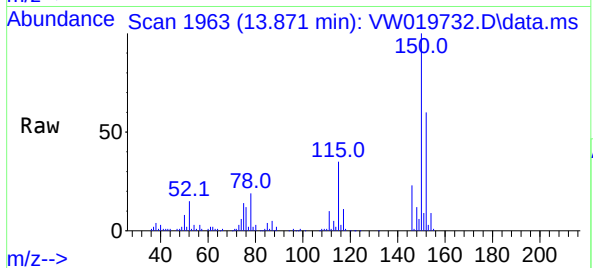
Tgt Ion:146 Resp: 11983
Ion Ratio Lower Upper
146 100
111 44.8 28.8 53.4
148 64.5 46.8 87.0





#67
1,2-Dichlorobenzene
Concen: 1.284 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

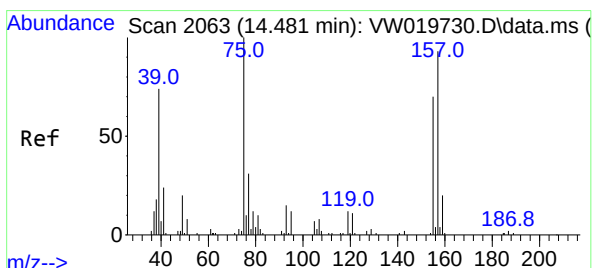
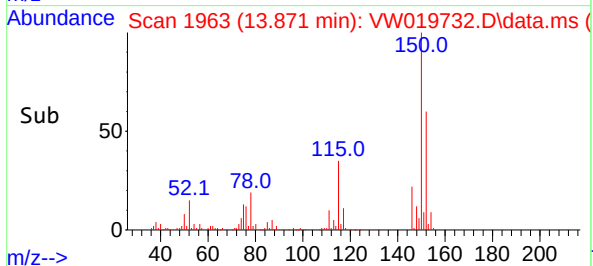
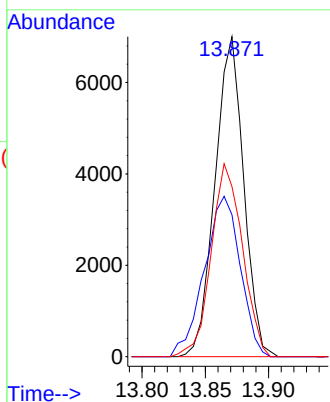
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2021-08



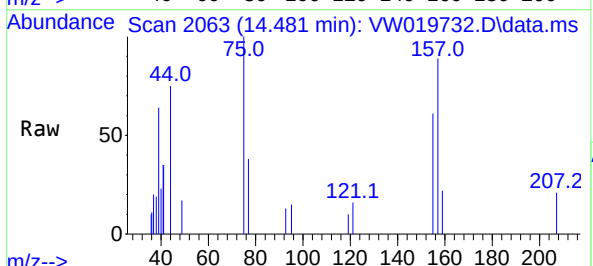
Tgt Ion:	146	Resp:	11045
Ion Ratio	Lower	Upper	
146	100		
111	44.3	33.2	49.8
148	53.2	50.4	75.6

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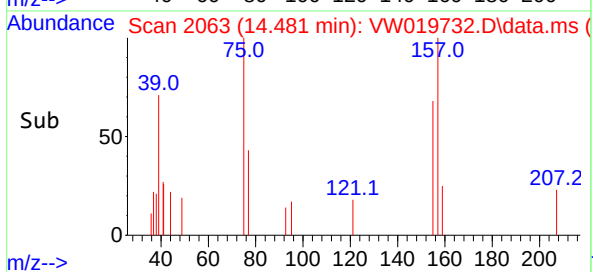
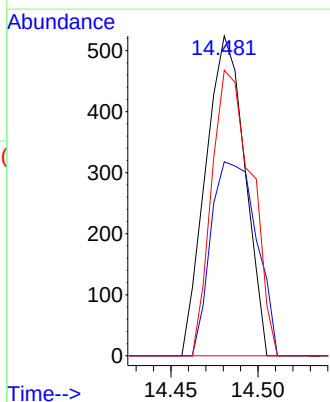
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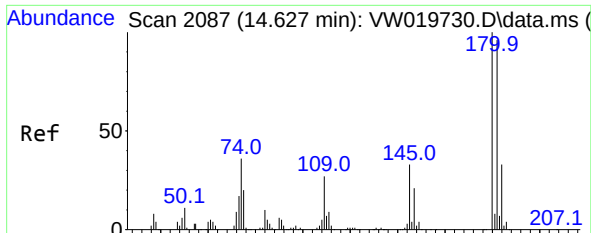


#68
1,2-Dibromo-3-chloropropane
Concen: 1.256 ug/L m
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20



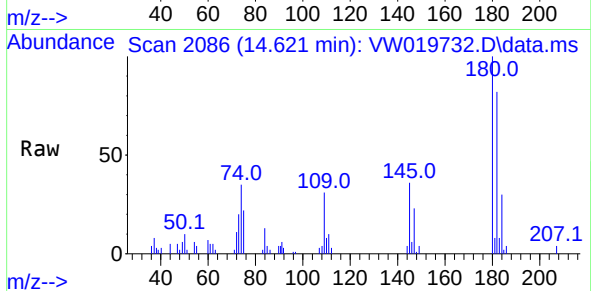
Tgt Ion:	75	Resp:	820
Ion Ratio	Lower	Upper	
75	100		
155	60.7	59.4	89.0
157	89.3	72.2	108.2





#69
1,3,5-Trichlorobenzene
Concen: 1.142 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

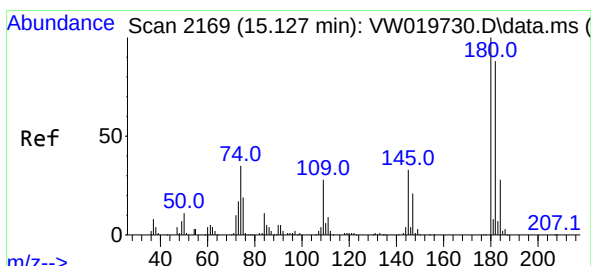
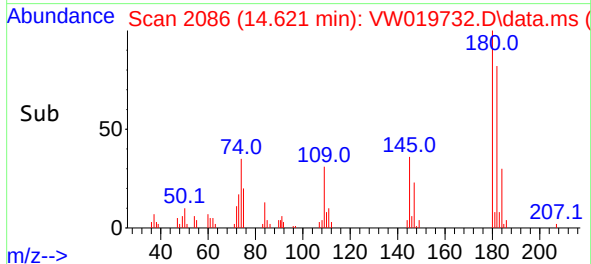
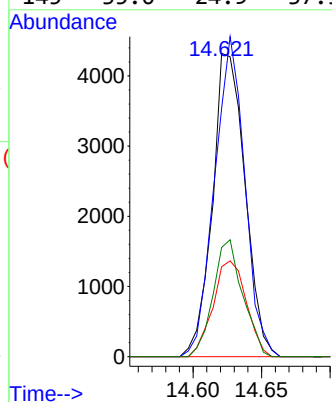
Instrument :
MSVOA_W
ClientSampleId :
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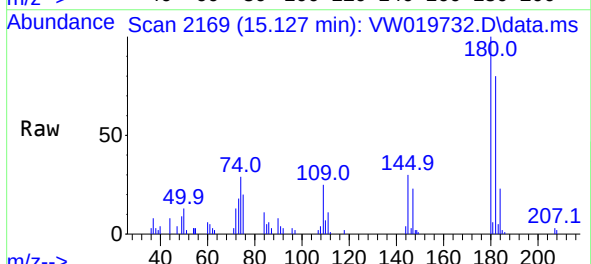
Tgt Ion:	180	Resp:	7148
Ion Ratio	Lower	Upper	
180	100		
182	97.7	73.4	110.2
184	32.3	23.6	35.4
145	35.0	24.9	37.3

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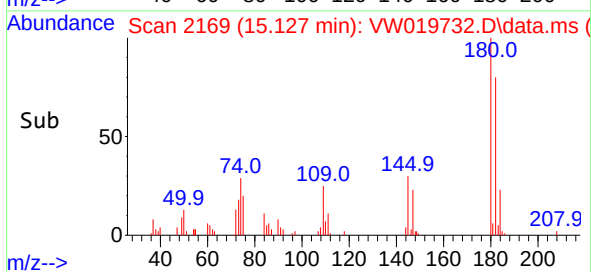
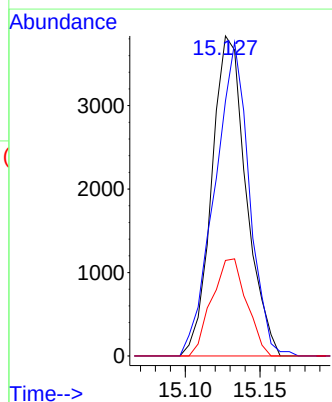
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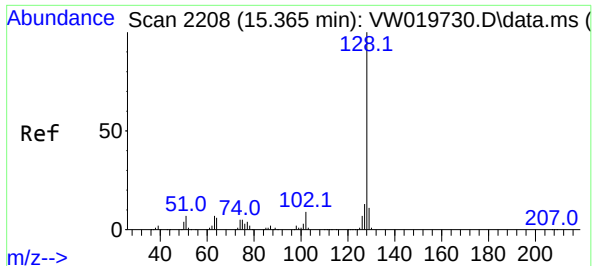


#70
1,2,4-trichlorobenzene
Concen: 1.162 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20



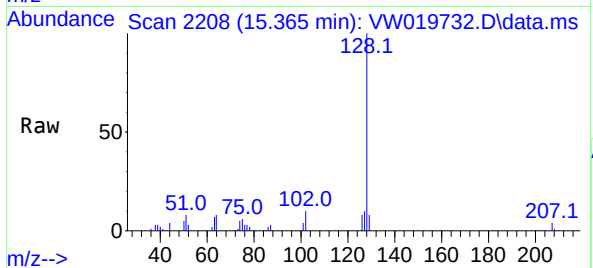
Tgt Ion:	180	Resp:	6124
Ion Ratio	Lower	Upper	
180	100		
182	98.6	74.7	112.1
145	30.7	25.0	37.4





#71
Naphthalene
Concen: 1.079 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20

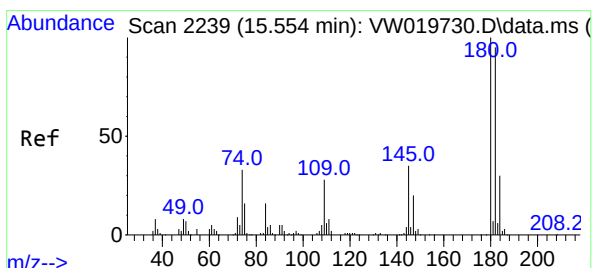
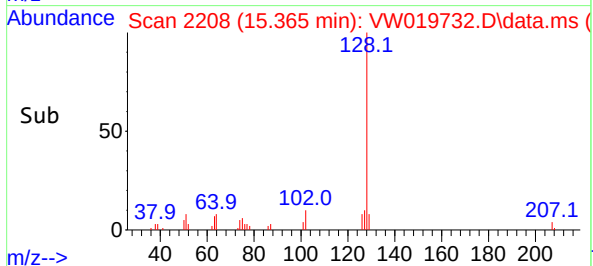
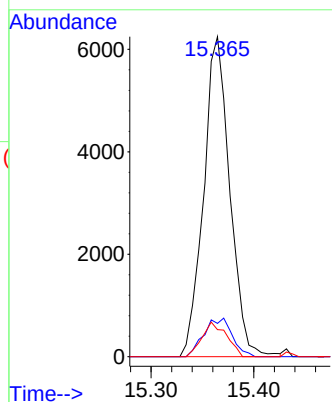
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2021-08



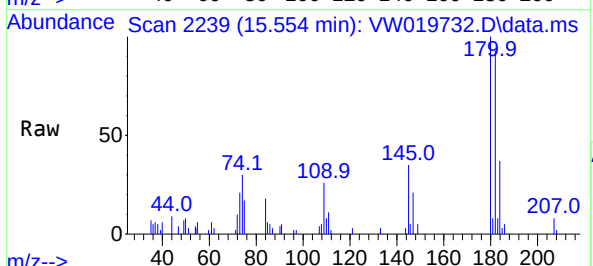
Tgt Ion:	128	Resp:	11053
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	15.8
129	10.2	9.0	13.6

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#72
1,2,3-Trichlorobenzene
Concen: 1.249 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW019732.D
Acq: 13 Aug 2021 12:20



Tgt Ion:	180	Resp:	5824
Ion Ratio	Lower	Upper	
180	100		
182	90.3	76.7	115.1
145	38.5	28.9	43.3

