

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050721\
 Data File : VW018954.D
 Acq On : 07 May 2021 13:56
 Operator : SY/VA
 Sample : M2250-04
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2021-06

Manual Integrations
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 5/10/2021 6:29:20 PM

Quant Time: May 07 23:29:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 07 23:29:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	678399	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	610069	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	293021	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	169049	19.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.68%		
7) Chloroethane-d5	2.891	69	135144	20.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.16%		
11) 1,1-Dichloroethene-d2	4.019	63	298566	17.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.12%		
21) 2-Butanone-d5	7.086	46	107248	47.31	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	94.62%		
24) Chloroform-d	7.653	84	421290	23.66	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.64%		
26) 1,2-Dichloroethane-d4	8.305	65	250365	25.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.68%		
32) Benzene-d6	8.274	84	805012	23.35	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.40%		
36) 1,2-Dichloropropane-d6	9.274	67	243654	23.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.32%		
41) Toluene-d8	10.323	98	727452	22.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.52%		
43) trans-1,3-Dichloroprop...	10.579	79	104370	22.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.84%		
47) 2-Hexanone-d5	10.926	63	82993	45.33	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.66%		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	201896	23.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	93.20%		
66) 1,2-Dichlorobenzene-d4	13.853	152	237028	23.61	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.44%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	5398	0.84	ug/L #	88
3) Chloromethane	2.214	50	7661	1.27	ug/L	97
5) Vinyl chloride	2.367	62	10257	1.04	ug/L #	65
6) Bromomethane	2.788	94	5848	0.85	ug/L	95
8) Chloroethane	2.928	64	5709	0.97	ug/L	99
9) Trichlorofluoromethane	3.269	101	6734	0.88	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	7723	0.88	ug/L #	65
12) 1,1-Dichloroethene	4.037	96	10795	1.23	ug/L #	1
13) Acetone	4.141	43	5909	3.40	ug/L	89
14) Carbon disulfide	4.385	76	24314	0.93	ug/L	97
15) Methyl Acetate	4.684	43	3967m	1.12	ug/L	
16) Methylene chloride	4.915	84	63655	5.68	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	8944	0.95	ug/L	95
18) Methyl tert-butyl Ether	5.421	73	12593	0.97	ug/L #	89
19) 1,1-Dichloroethane	6.214	63	16157	1.00	ug/L	93
20) cis-1,2-Dichloroethene	7.171	96	9689	0.97	ug/L	91
22) 2-Butanone	7.177	43	7610m	3.16	ug/L	
23) Bromochloromethane	7.512	128	3986	0.91	ug/L	97
25) Chloroform	7.677	83	18959	1.12	ug/L	97

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Manual Integrations
 APPROVED

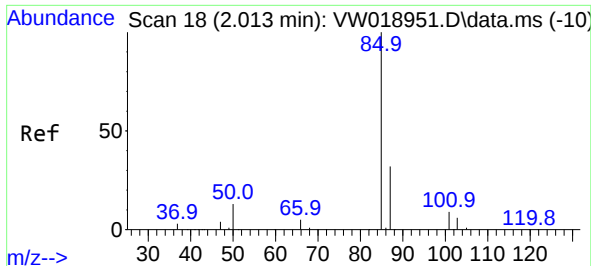
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Quant Time: May 07 23:29:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 07 23:29:08 2021
 Response via : Initial Calibration

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

27) 1,2-Dichloroethane	8.402	62	13035	1.13	ug/L #	94
29) Cyclohexane	7.957	56	13932	0.95	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	13967	1.03	ug/L	95
31) Carbon tetrachloride	8.067	117	11643	0.95	ug/L	97
33) Benzene	8.323	78	36229	0.99	ug/L	100
34) Trichloroethene	9.097	95	10087	1.04	ug/L	92
35) Methylcyclohexane	9.335	83	15816	0.92	ug/L	95
37) 1,2-Dichloropropane	9.372	63	9555	1.08	ug/L	98
38) Bromodichloromethane	9.646	83	11383	0.98	ug/L	95
39) cis-1,3-Dichloropropene	10.079	75	12469	0.89	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	13311	2.43	ug/L	96
42) Toluene	10.390	91	51587	1.28	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	6384	0.91	ug/L	93
46) Tetrachloroethene	10.865	164	7755	1.06	ug/L	80
48) 2-Hexanone	10.969	43	7062	1.98	ug/L	96
49) Dibromochloromethane	11.134	129	6695	0.88	ug/L	96
50) 1,2-Dibromoethane	11.237	107	6323	0.93	ug/L	99
51) Chlorobenzene	11.658	112	24170	0.98	ug/L	93
52) Ethylbenzene	11.731	91	42773	0.96	ug/L	99
53) m,p-Xylene	11.841	106	15850	0.96	ug/L	95
54) o-Xylene	12.164	106	13690	0.87	ug/L	88
55) Styrene	12.182	104	21950	0.83	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	8525	1.01	ug/L #	96
59) Bromoform	12.353	173	3017	0.74	ug/L #	90
60) Isopropylbenzene	12.463	105	36517	0.87	ug/L	98
61) 1,2,3-Trichloropropane	12.767	75	6261	1.01	ug/L	95
62) 1,3,5-Trimethylbenzene	12.944	105	30235	0.87	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	32041	0.92	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	17857	1.01	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	17988	1.01	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	15478	0.97	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	11030	0.87	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	9419	0.89	ug/L	95
71) Naphthalene	15.365	128	17566	0.79	ug/L	98
72) 1,2,3-Trichlorobenzene	15.547	180	8292	0.89	ug/L	99

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



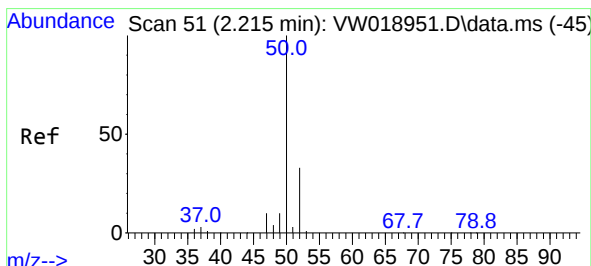
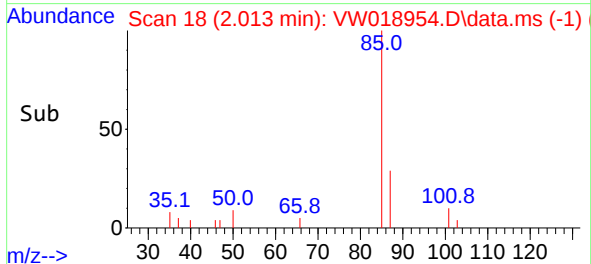
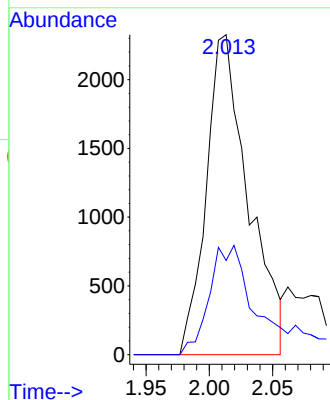
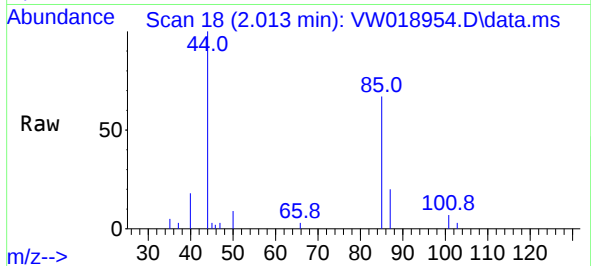
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Dichlorodifluoromethane
Concen: 0.84 ug/L
RT: 2.013 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

Tgt Ion: 85 Resp: 5398
Ion Ratio Lower Upper
85 100
87 35.7 23.3 34.9#

Instrument :
MSVOA_W
ClientSampleId :
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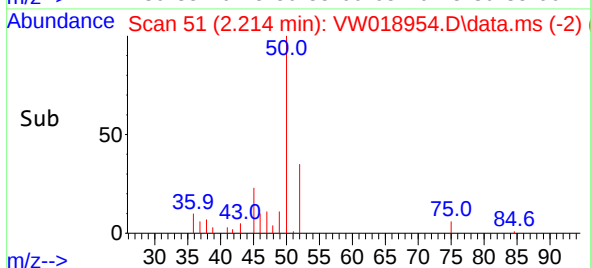
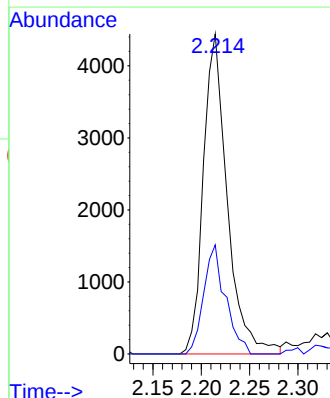
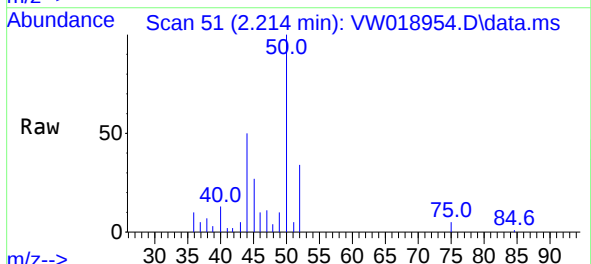
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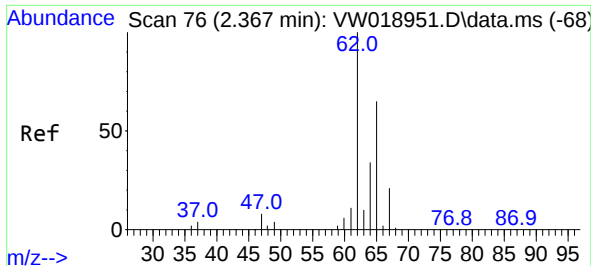
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#3
Chloromethane
Concen: 1.27 ug/L
RT: 2.214 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

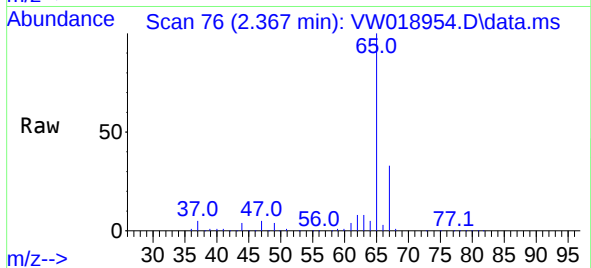
Tgt Ion: 50 Resp: 7661
Ion Ratio Lower Upper
50 100
52 34.1 22.5 41.9





#5
 Vinyl chloride
 Concen: 1.04 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018954.D
 Acq: 07 May 2021 13:56

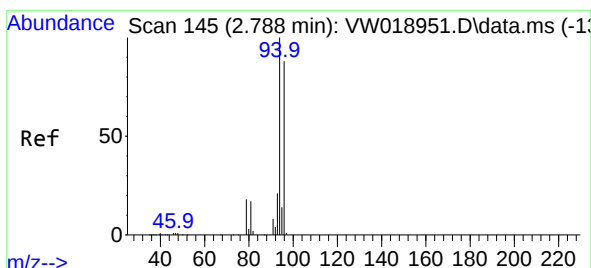
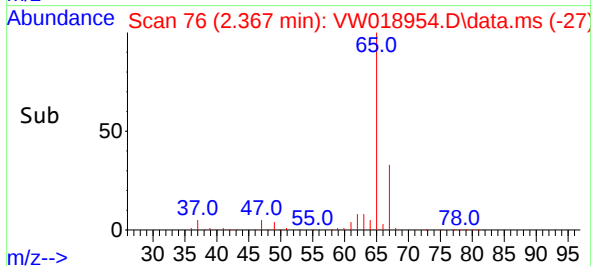
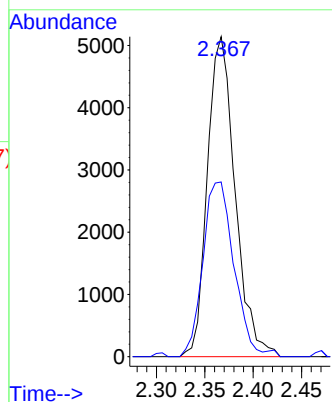
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2021-06



Tgt Ion: 62 Resp: 10257
 Ion Ratio Lower Upper
 62 100
 64 54.6 24.2 45.0#

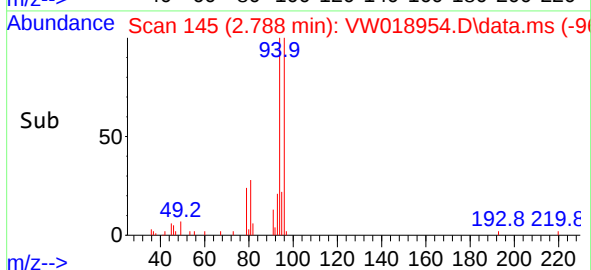
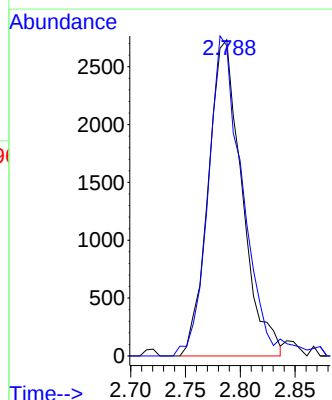
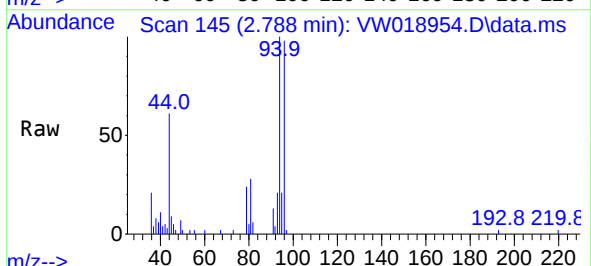
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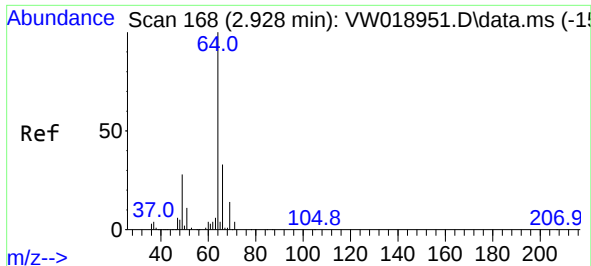
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#6
 Bromomethane
 Concen: 0.85 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VW018954.D
 Acq: 07 May 2021 13:56

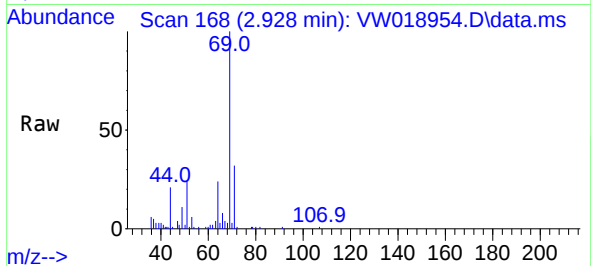
Tgt Ion: 94 Resp: 5848
 Ion Ratio Lower Upper
 94 100
 96 98.1 65.3 121.3



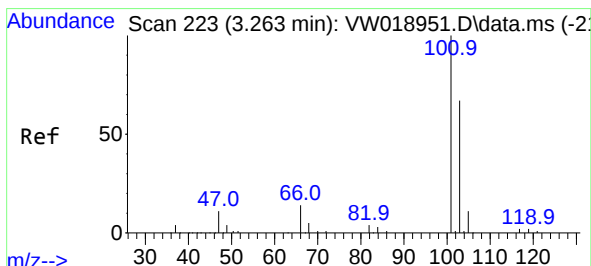
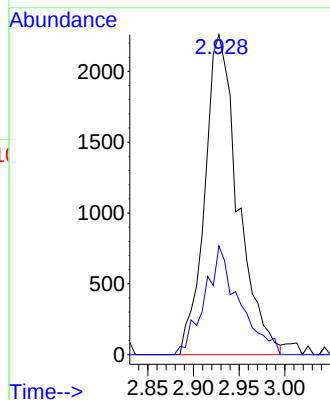
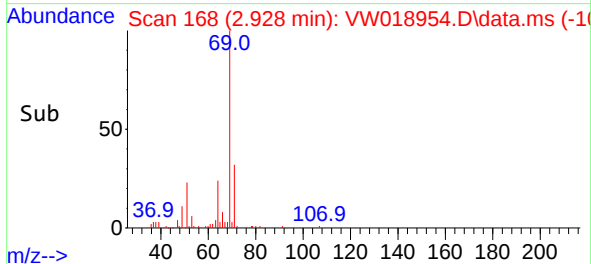


#8
Chloroethane
Concen: 0.97 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

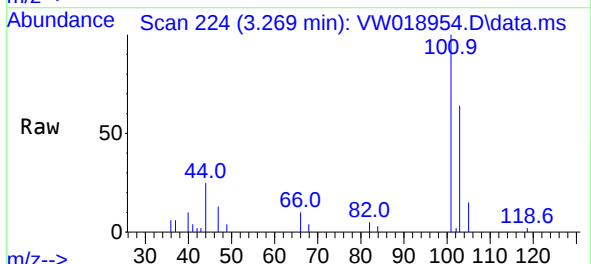
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06



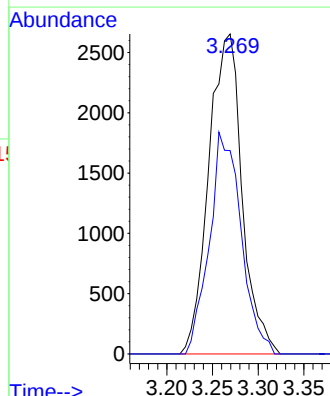
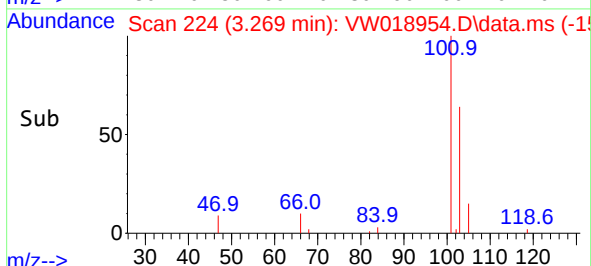
Tgt Ion: 64 Resp: 5709
Ion Ratio Lower Upper
64 100
66 34.0 23.4 43.6

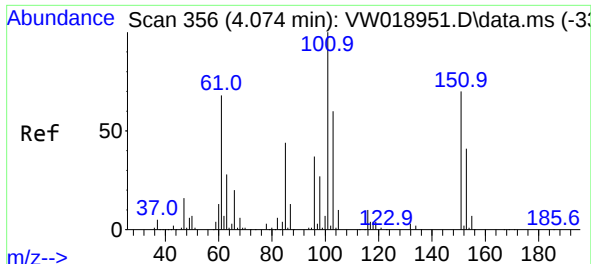


#9
Trichlorofluoromethane
Concen: 0.88 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.006 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56



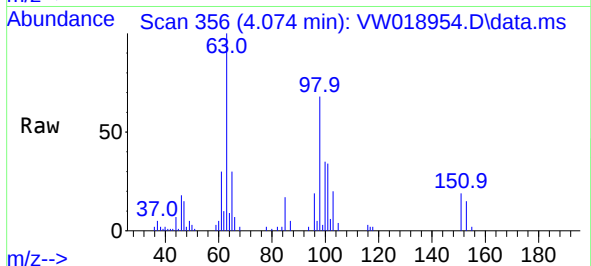
Tgt Ion: 101 Resp: 6734
Ion Ratio Lower Upper
101 100
103 65.9 51.0 76.4





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.88 ug/L
RT: 4.074 min Scan# 356
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

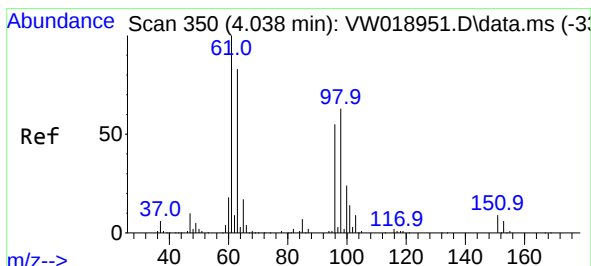
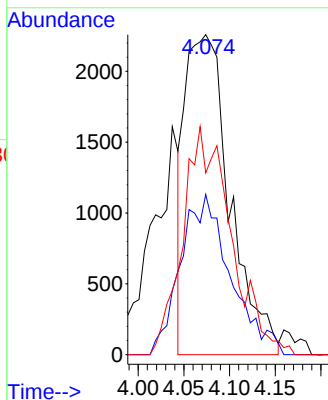
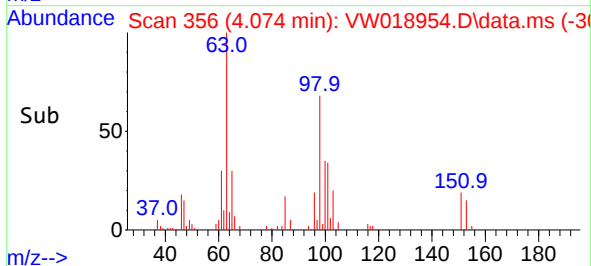
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ClientSampleId :
MDL-SOIL-QT3-2021-06



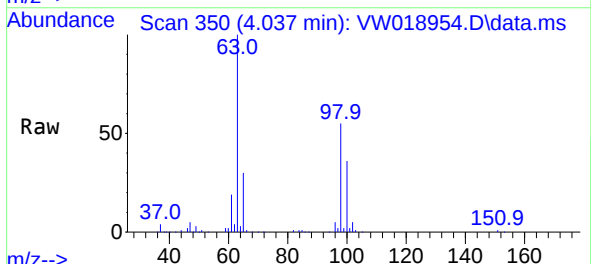
Tgt Ion:101 Resp: 7723
Ion Ratio Lower Upper
101 100
85 29.2 38.2 57.2#
151 38.1 56.6 85.0#

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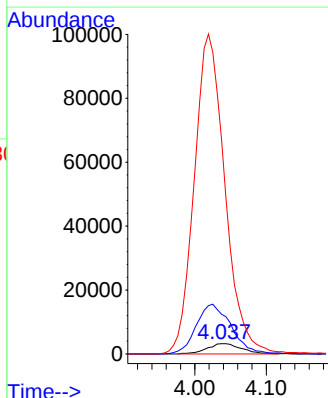
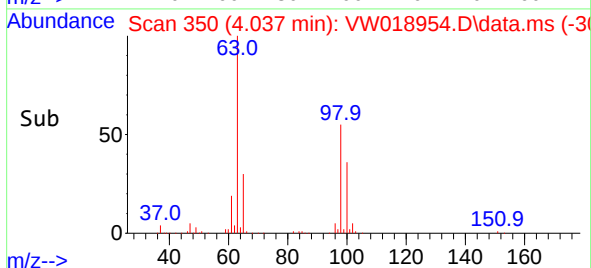
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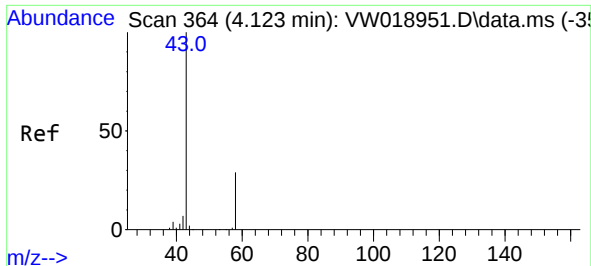


#12
1,1-Dichloroethene
Concen: 1.23 ug/L
RT: 4.037 min Scan# 350
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

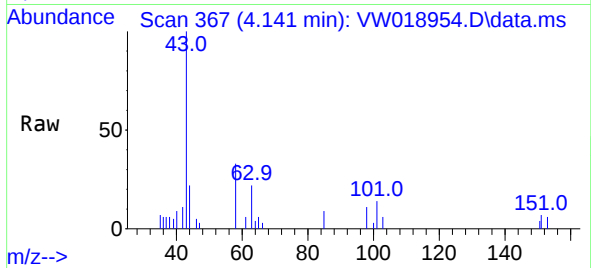


Tgt Ion: 96 Resp: 10795
Ion Ratio Lower Upper
96 100
61 387.7 118.1 219.3#
63 2095.1 83.7 155.5#

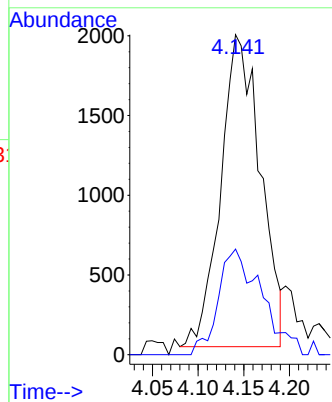
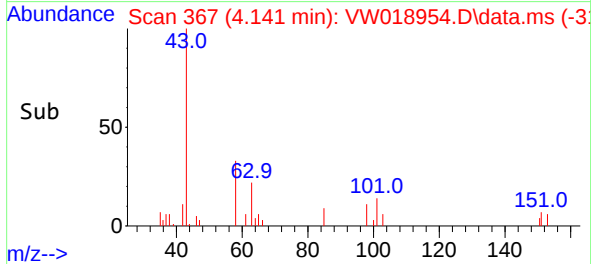




#13
Acetone
Concen: 3.40 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56



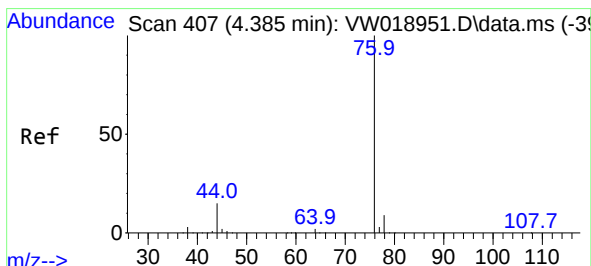
Tgt Ion: 43 Resp: 5909
Ion Ratio Lower Upper
43 100
58 21.4 0.0 53.8



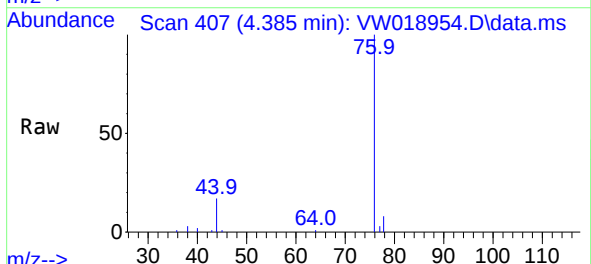
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MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

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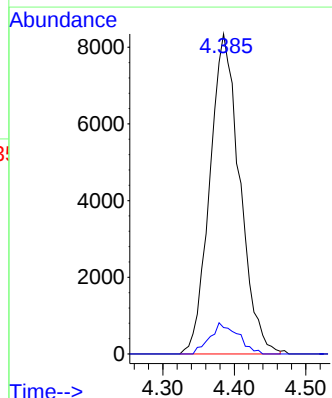
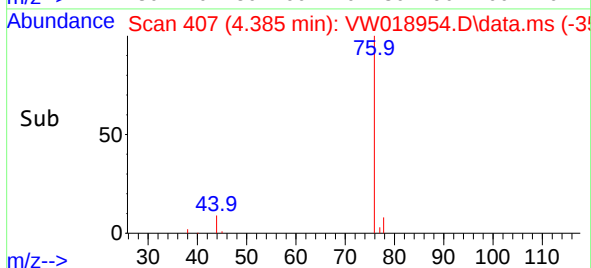
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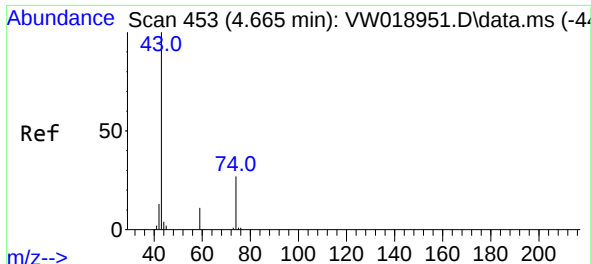


#14
Carbon disulfide
Concen: 0.93 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56



Tgt Ion: 76 Resp: 24314
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0





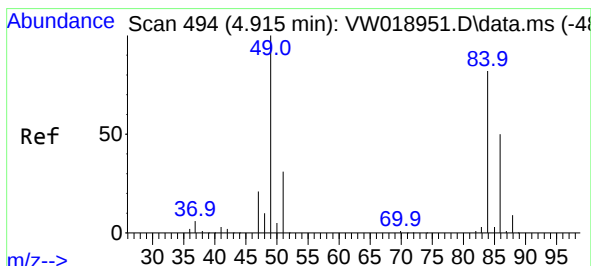
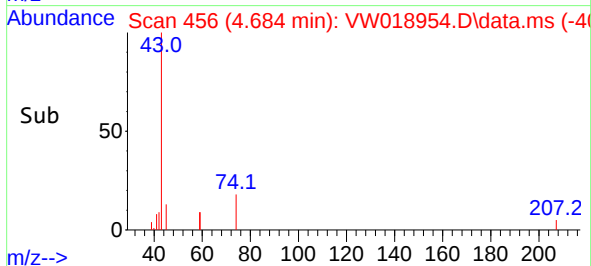
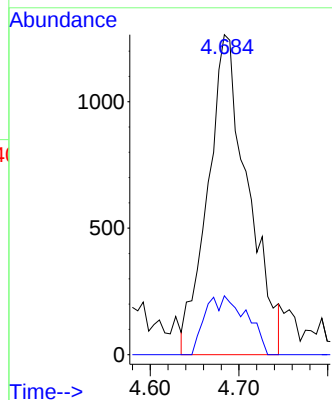
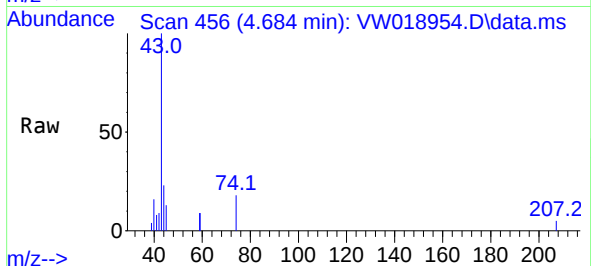
#15
Methyl Acetate
Concen: 1.12 ug/L m
RT: 4.684 min Scan# 456
Delta R.T. 0.018 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

Tgt Ion: 43 Resp: 3967
Ion Ratio Lower Upper
43 100
74 7.5 20.0 30.0#

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

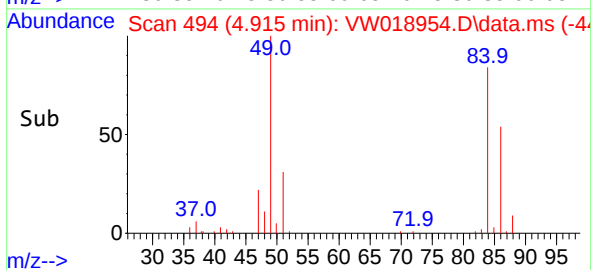
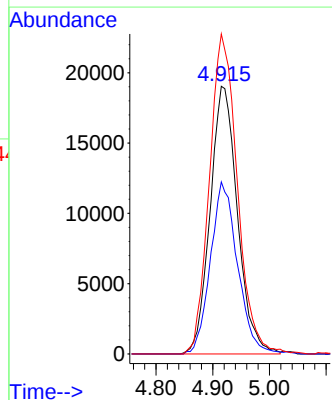
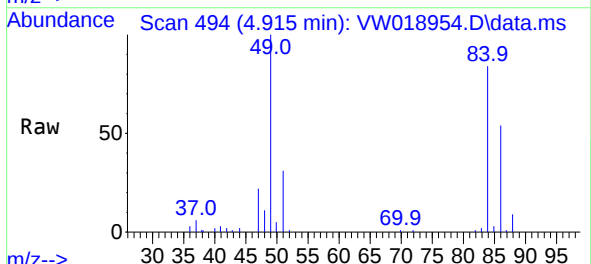
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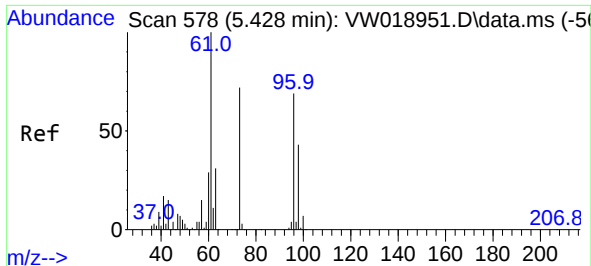
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#16
Methylene chloride
Concen: 5.68 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

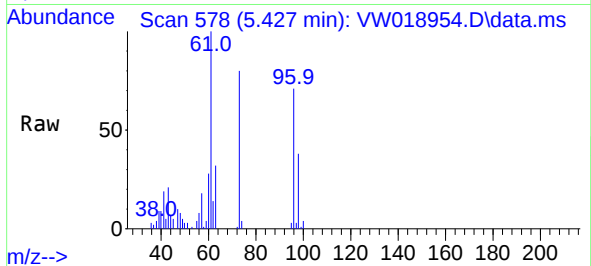
Tgt Ion: 84 Resp: 63655
Ion Ratio Lower Upper
84 100
86 64.3 45.3 84.1
49 119.5 86.6 160.8





#17
trans-1,2-Dichloroethene
Concen: 0.95 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

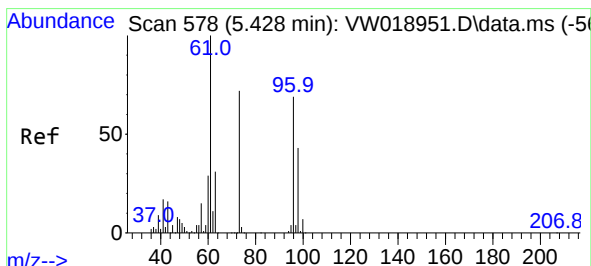
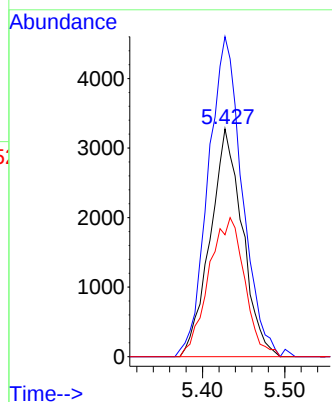


Tgt Ion: 96 Resp: 8944

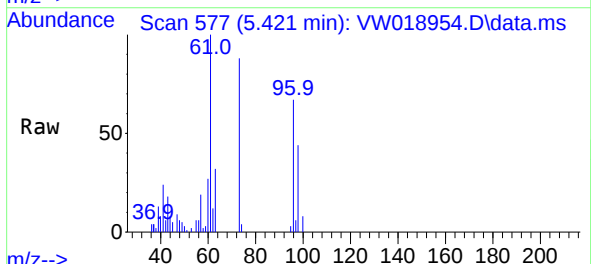
Ion	Ratio	Lower	Upper
96	100		
61	140.5	98.3	182.7
98	53.5	46.1	85.7

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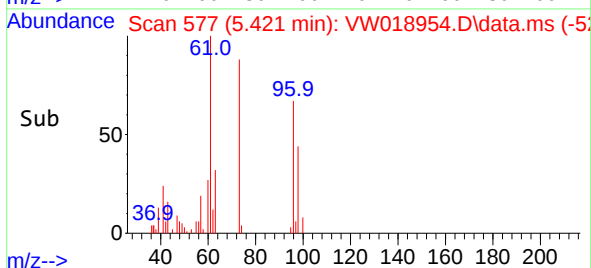
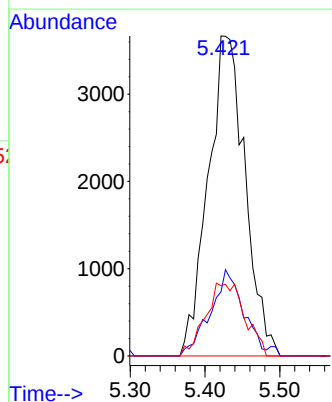


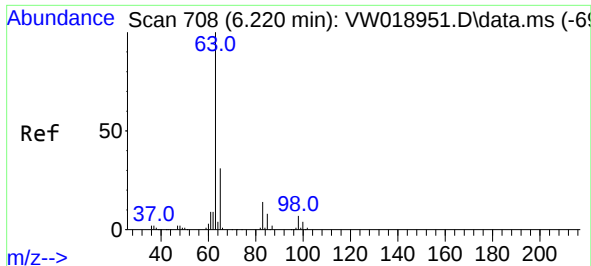
#18
Methyl tert-butyl Ether
Concen: 0.97 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56



Tgt Ion: 73 Resp: 12593

Ion	Ratio	Lower	Upper
73	100		
43	24.1	17.7	26.5
57	12.8	17.0	25.4





#19

1,1-Dichloroethane

Concen: 1.00 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW018954.D

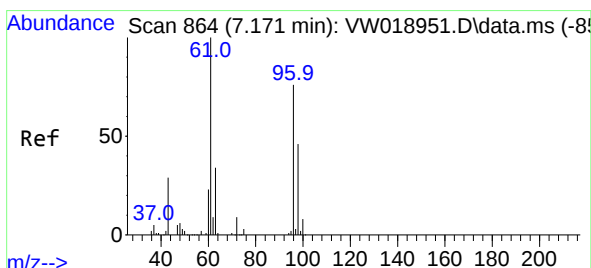
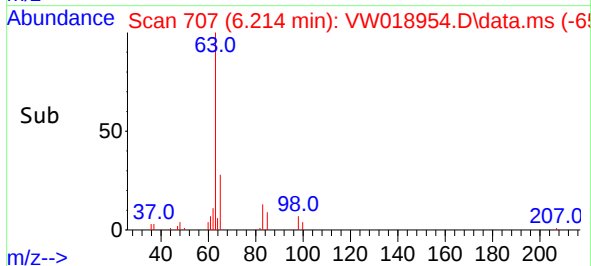
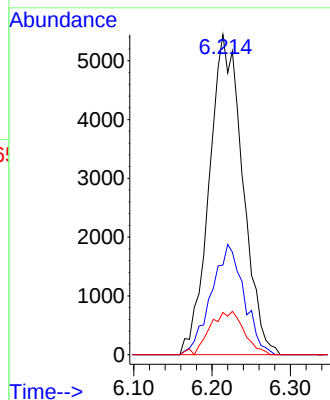
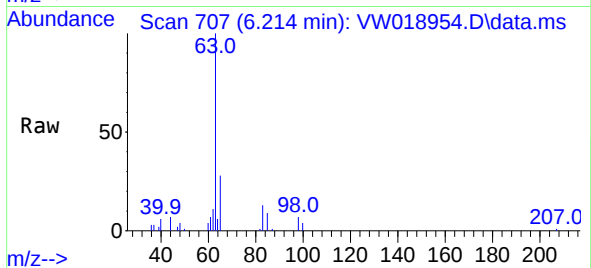
Acq: 07 May 2021 13:56

Tgt Ion:	63	Resp:	16157
Ion	Ratio	Lower	Upper
63	100		
65	28.0	22.9	42.5
83	13.2	10.2	19.0

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

Manual Integrations
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#20

cis-1,2-Dichloroethene

Concen: 0.97 ug/L

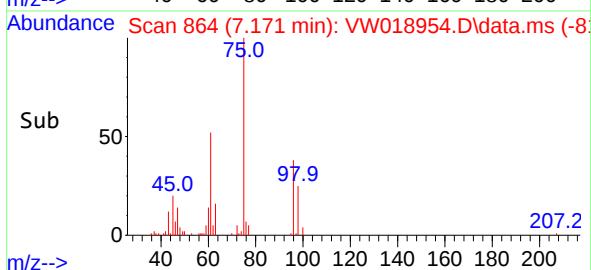
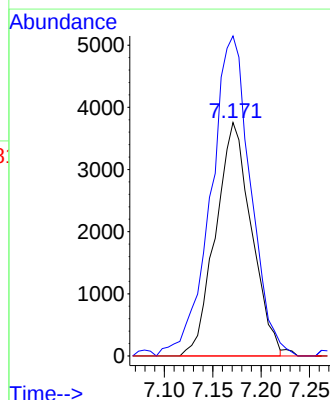
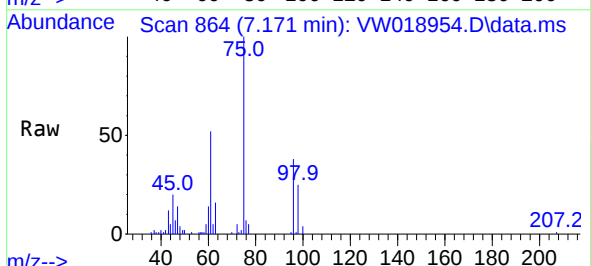
RT: 7.171 min Scan# 864

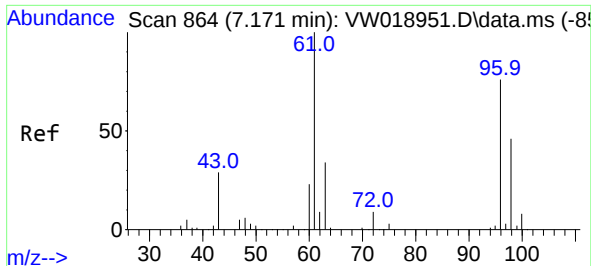
Delta R.T. -0.000 min

Lab File: VW018954.D

Acq: 07 May 2021 13:56

Tgt Ion:	96	Resp:	9689
Ion	Ratio	Lower	Upper
96	100		
61	137.1	88.5	164.3
68	0.0	0.0	0.0





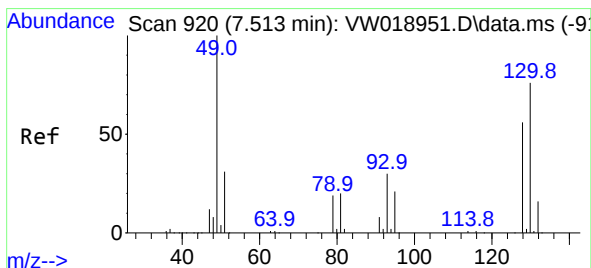
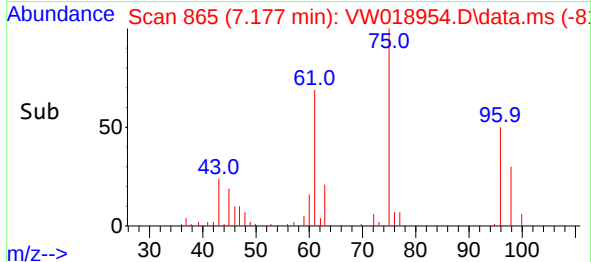
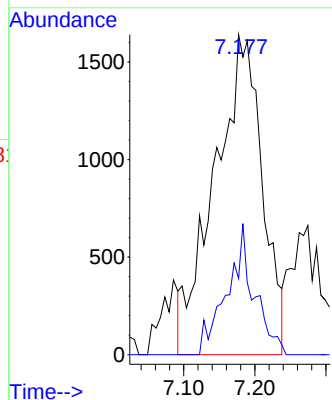
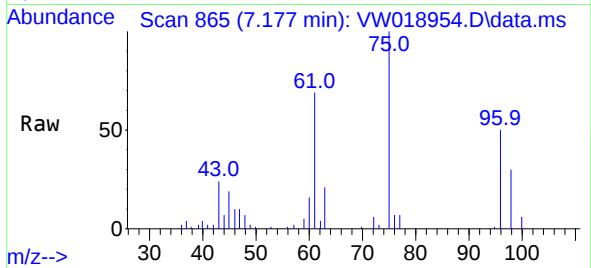
#22
2-Butanone
Concen: 3.16 ug/L m
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

Tgt Ion: 43 Resp: 7610
Ion Ratio Lower Upper
43 100
72 14.8 14.9 44.7#

Instrument :
MSVOA_W
ClientSampleId :
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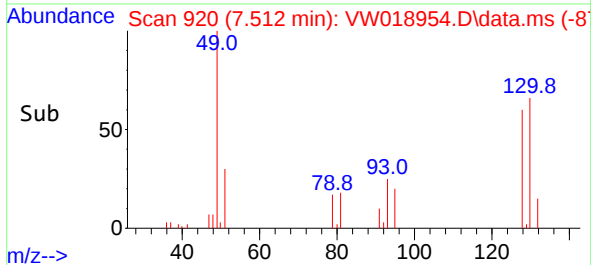
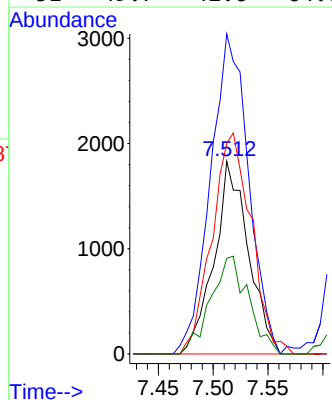
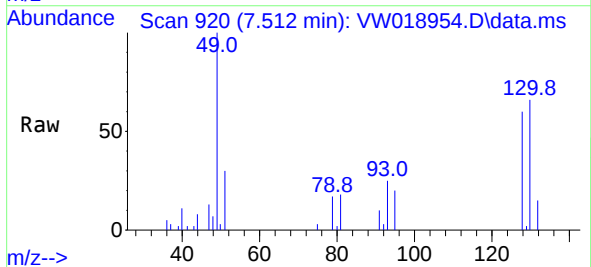
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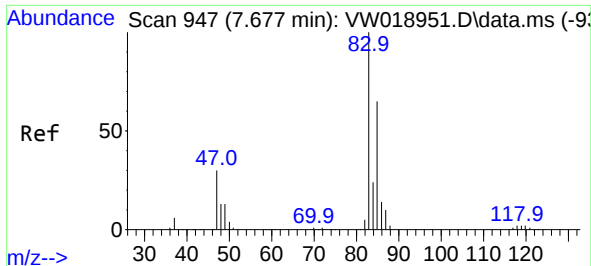
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#23
Bromochloromethane
Concen: 0.91 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

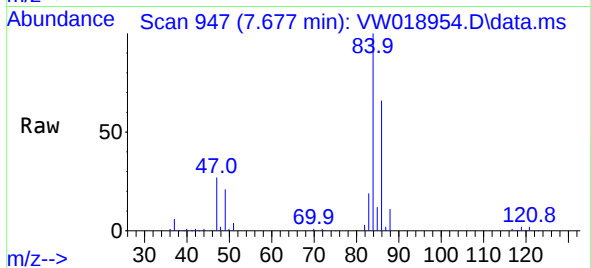
Tgt Ion: 128 Resp: 3986
Ion Ratio Lower Upper
128 100
49 166.0 116.3 215.9
130 109.4 82.4 153.0
51 49.7 42.6 64.0



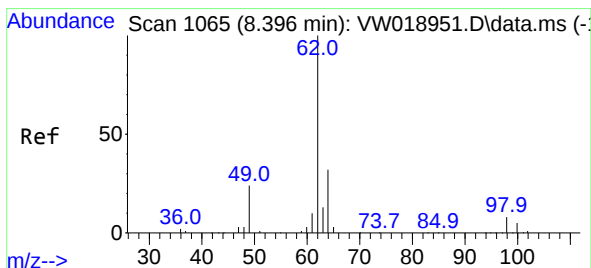
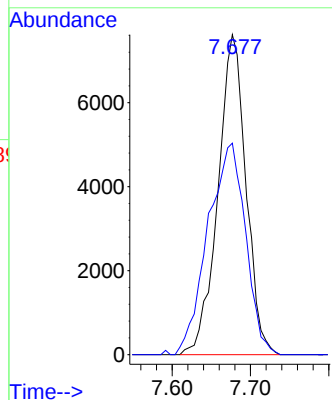
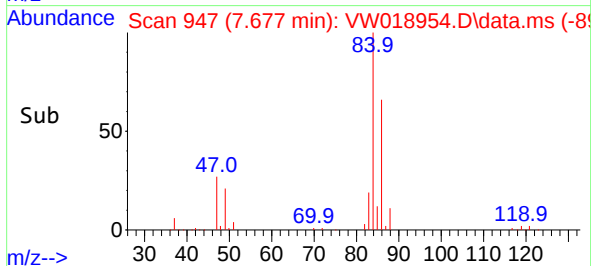


#25
Chloroform
Concen: 1.12 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

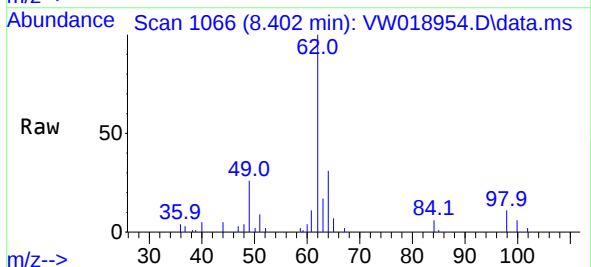
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06



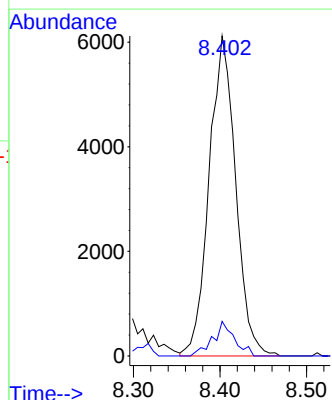
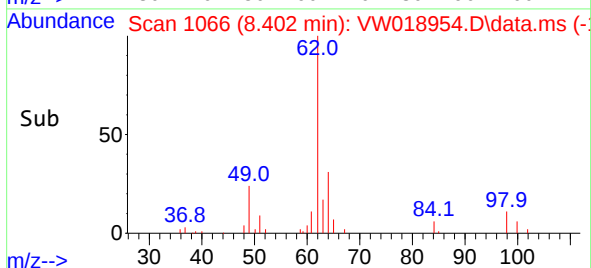
Tgt Ion: 83 Resp: 18959
Ion Ratio Lower Upper
83 100
85 66.1 44.6 82.8

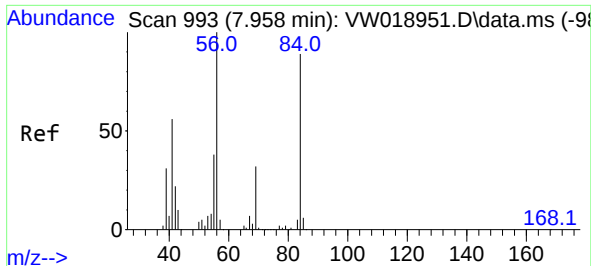


#27
1,2-Dichloroethane
Concen: 1.13 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56



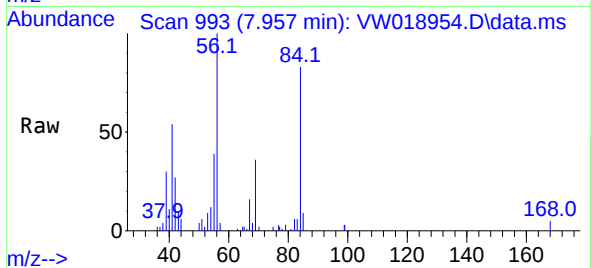
Tgt Ion: 62 Resp: 13035
Ion Ratio Lower Upper
62 100
98 10.8 6.9 10.3#





#29
Cyclohexane
Concen: 0.95 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

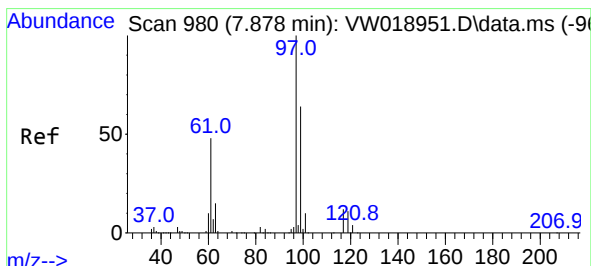
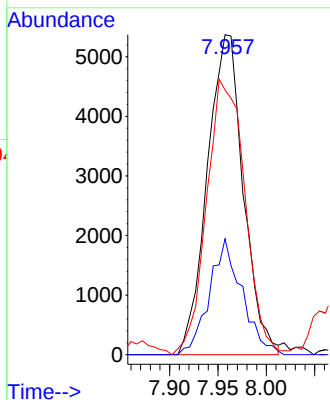
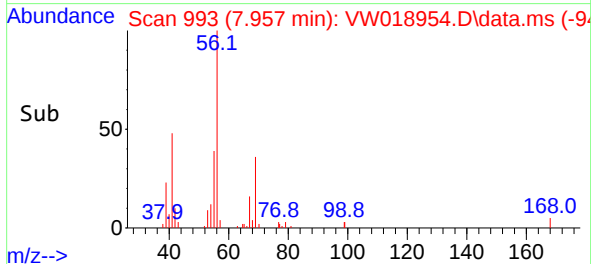
Instrument :
MSVOA_W
ClientSampleId :
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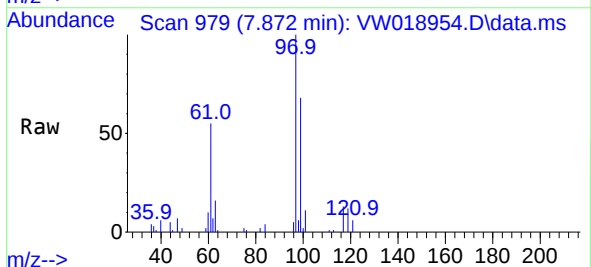
Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.8	24.5	36.7
84	91.0	75.0	112.4

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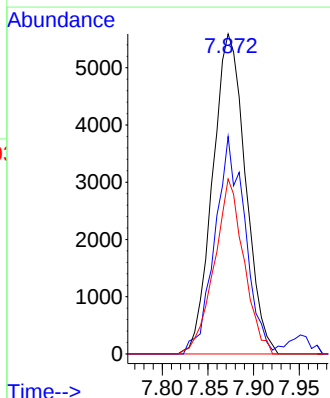
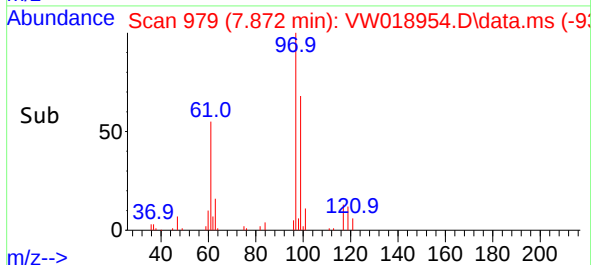
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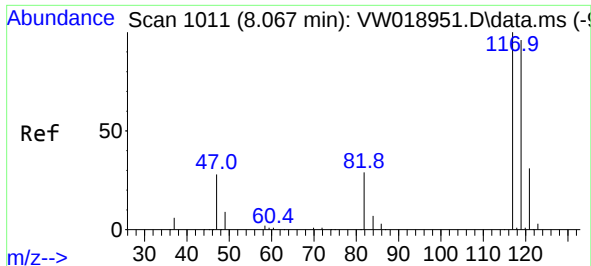


#30
1,1,1-Trichloroethane
Concen: 1.03 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56



Tgt Ion	Ratio	Lower	Upper
97	100		
99	58.9	51.4	77.2
61	49.4	37.8	56.6





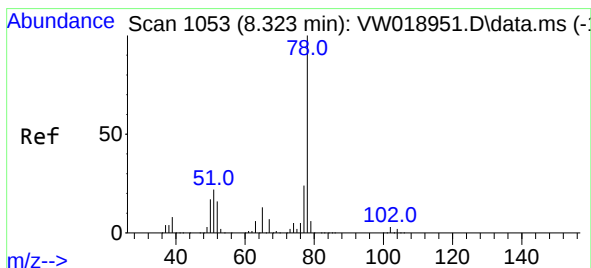
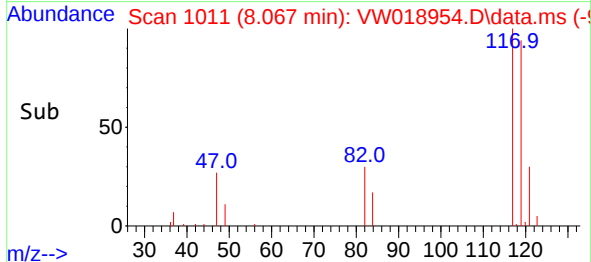
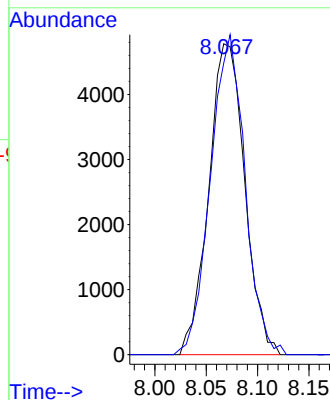
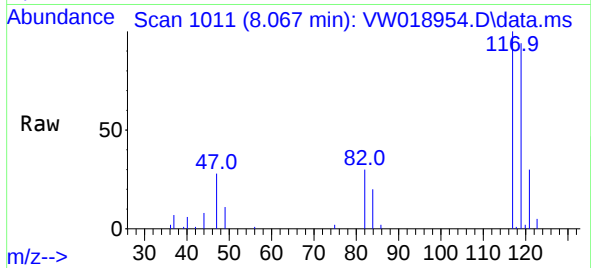
#31
Carbon tetrachloride
Concen: 0.95 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

Tgt Ion: 117 Resp: 11643
Ion Ratio Lower Upper
117 100
119 98.5 76.5 114.7

Instrument :
MSVOA_W
ClientSampleId :
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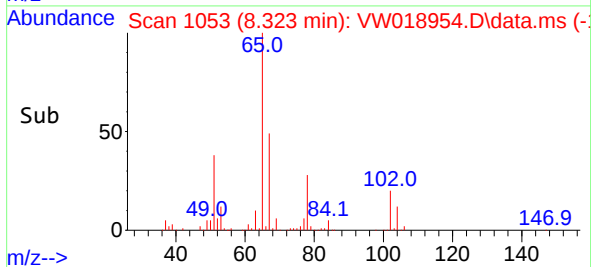
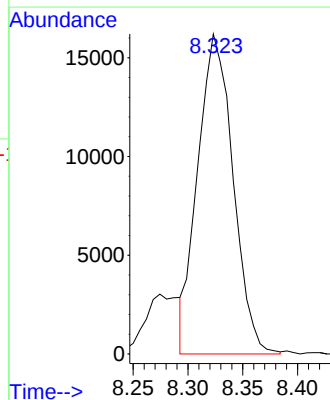
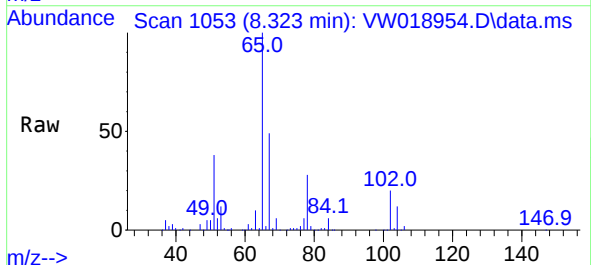
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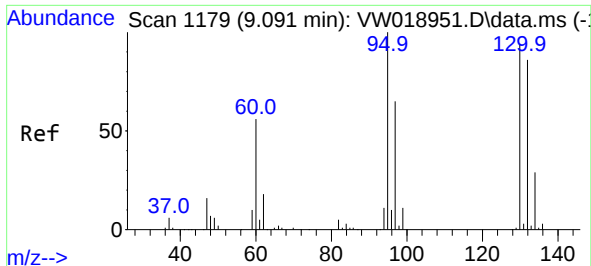
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#33
Benzene
Concen: 0.99 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

Tgt Ion: 78 Resp: 36229





#34
Trichloroethene
Concen: 1.04 ug/L
RT: 9.097 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

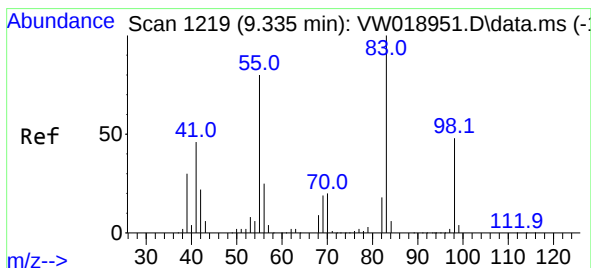
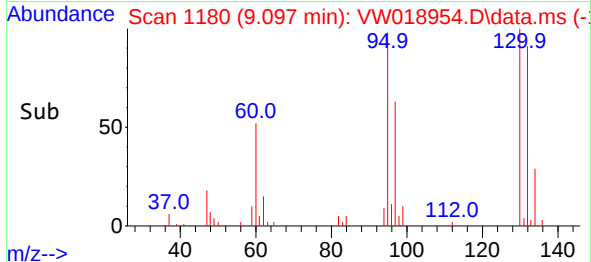
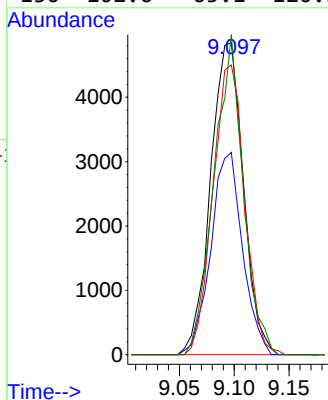
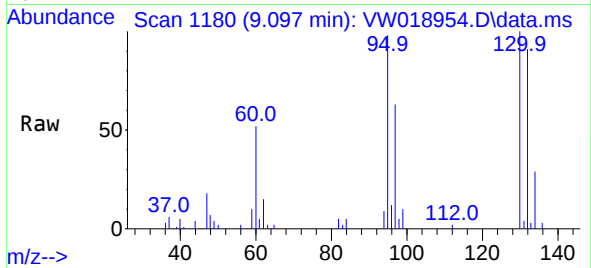
Tgt Ion: 95 Resp: 10087

Ion	Ratio	Lower	Upper
95	100		
97	64.8	47.3	87.8
132	92.9	71.0	131.8
130	102.6	65.1	120.9

Instrument :
MSVOA_W
ClientSampleId :
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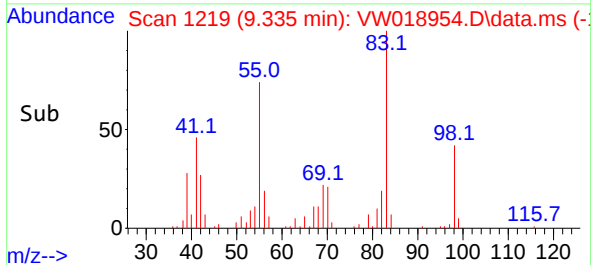
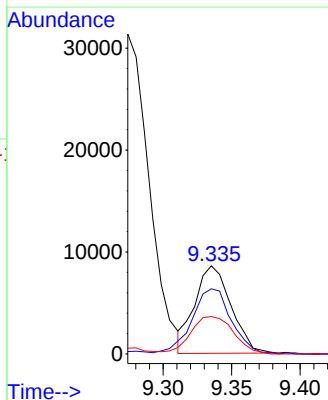
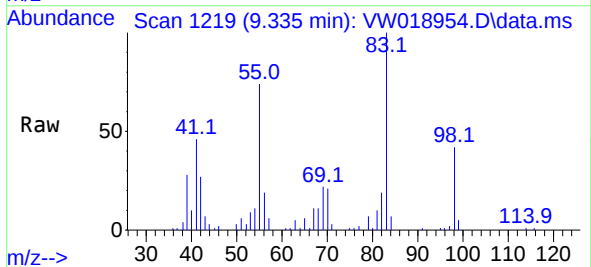
MMDadoda
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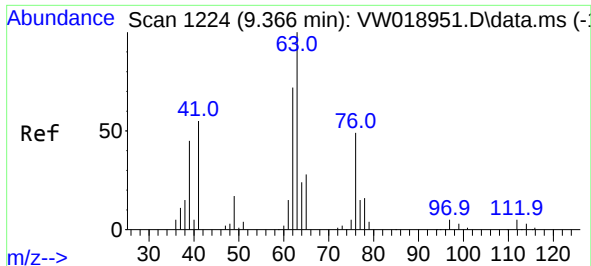


#35
Methylcyclohexane
Concen: 0.92 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

Tgt Ion: 83 Resp: 15816

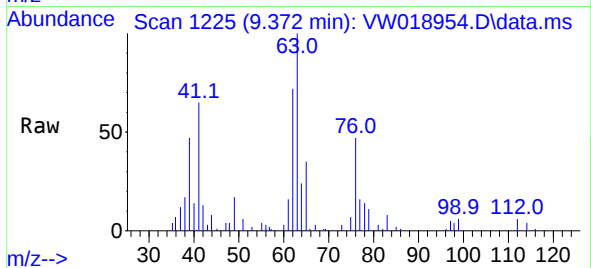
Ion	Ratio	Lower	Upper
83	100		
55	81.0	58.9	88.3
98	50.5	40.1	60.1





#37
1,2-Dichloropropane
Concen: 1.08 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

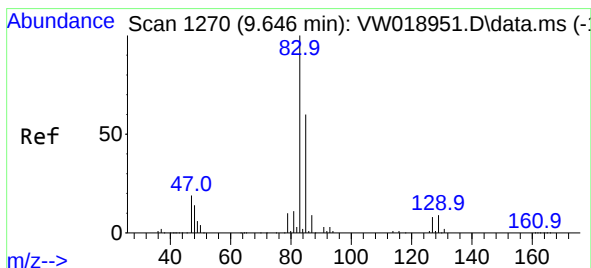
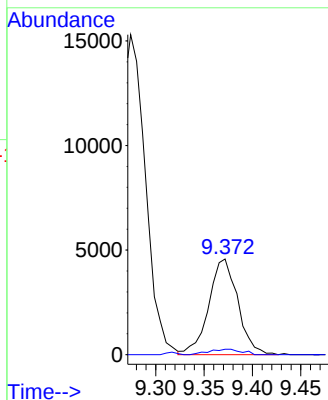
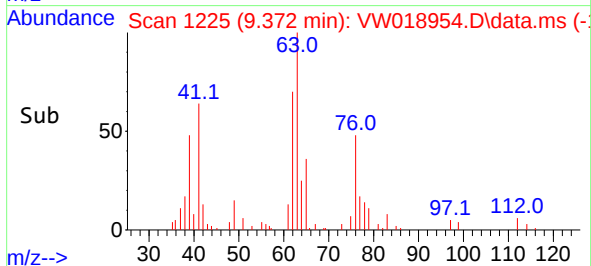
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06



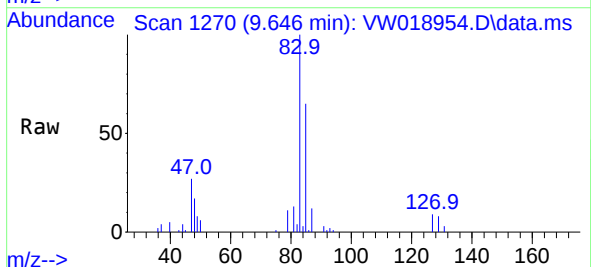
Tgt Ion: 63 Resp: 9555
Ion Ratio Lower Upper
63 100
112 5.7 3.9 5.9

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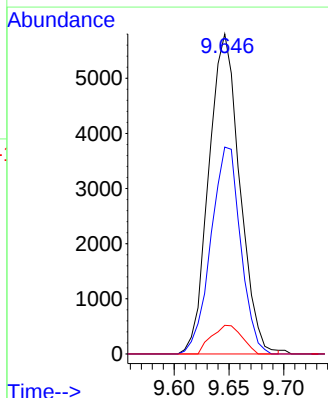
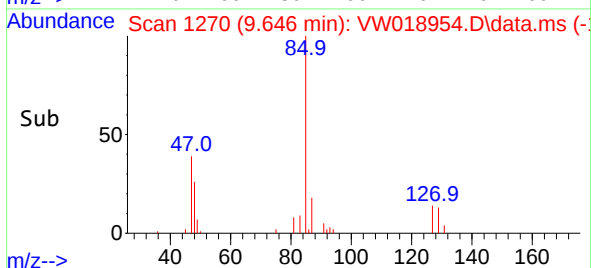
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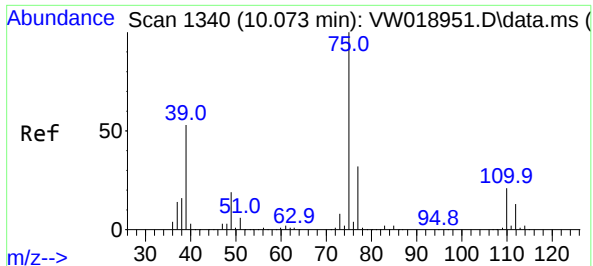


#38
Bromodichloromethane
Concen: 0.98 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56



Tgt Ion: 83 Resp: 11383
Ion Ratio Lower Upper
83 100
85 64.6 42.3 78.5
127 9.0 6.6 9.8





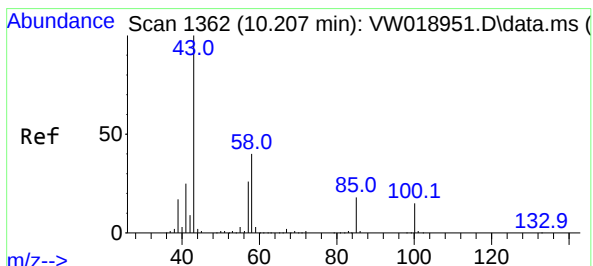
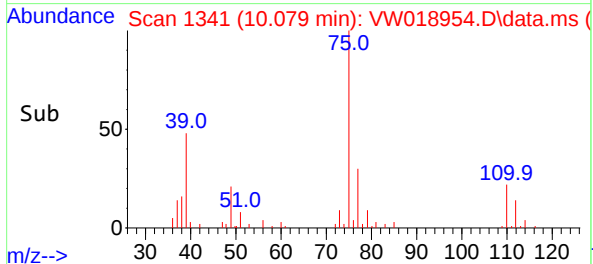
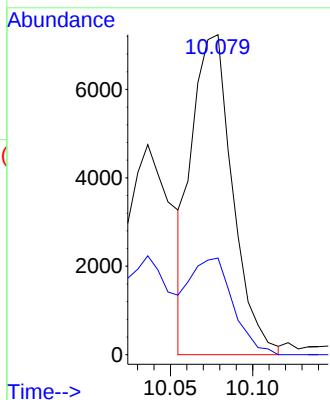
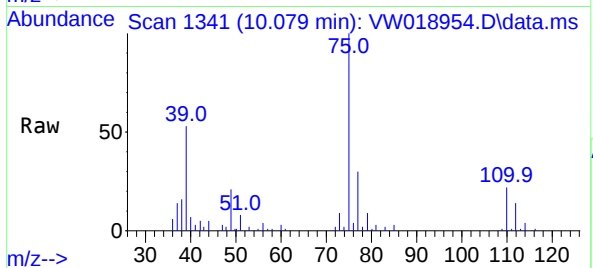
#39
cis-1,3-Dichloropropene
Concen: 0.89 ug/L
RT: 10.079 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

Tgt Ion: 75 Resp: 12469
Ion Ratio Lower Upper
75 100
77 30.2 22.6 42.0

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

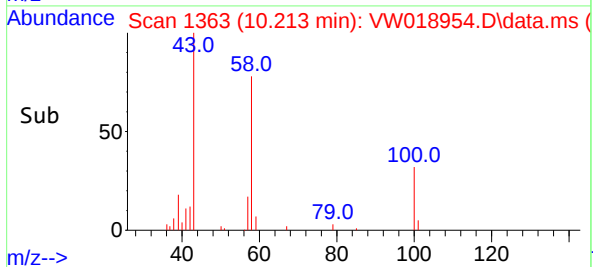
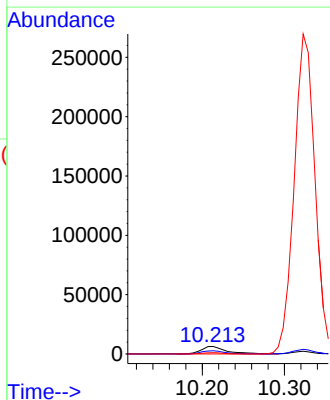
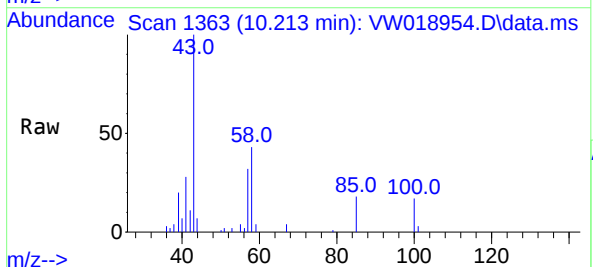
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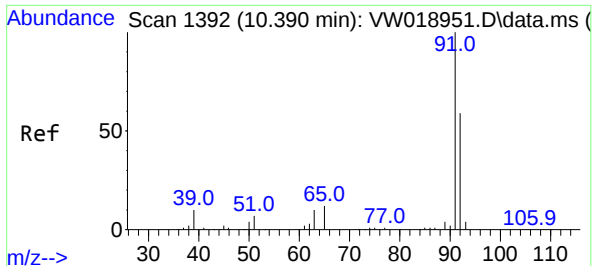
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#40
4-Methyl-2-pentanone
Concen: 2.43 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

Tgt Ion: 43 Resp: 13311
Ion Ratio Lower Upper
43 100
58 40.7 31.0 46.4
100 14.5 13.0 19.6





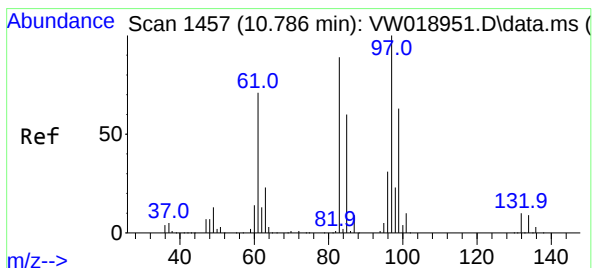
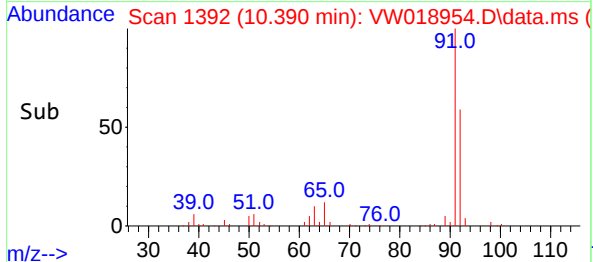
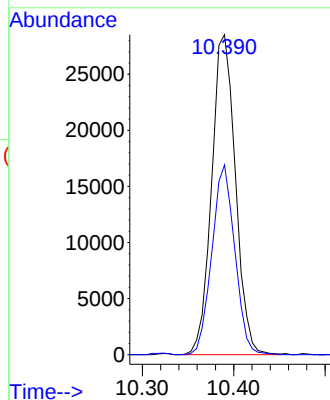
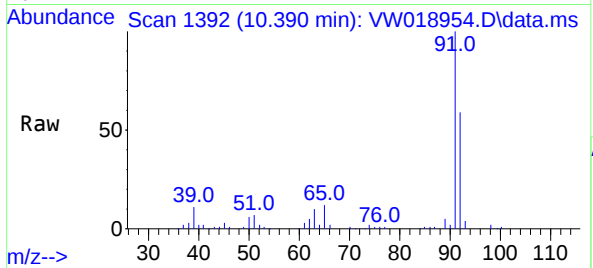
#42
Toluene
Concen: 1.28 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

Tgt Ion: 91 Resp: 51587
Ion Ratio Lower Upper
91 100
92 59.3 39.5 73.3

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

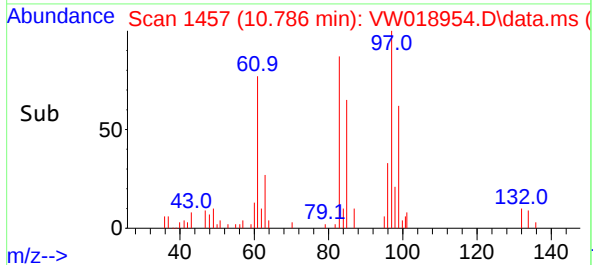
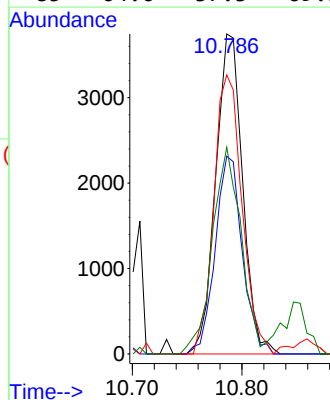
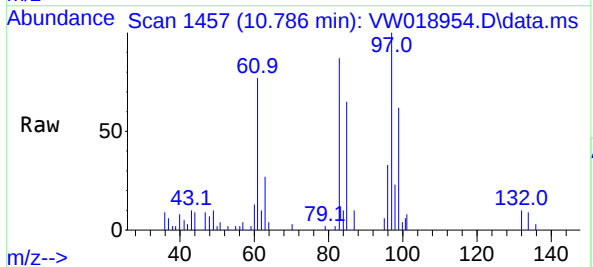
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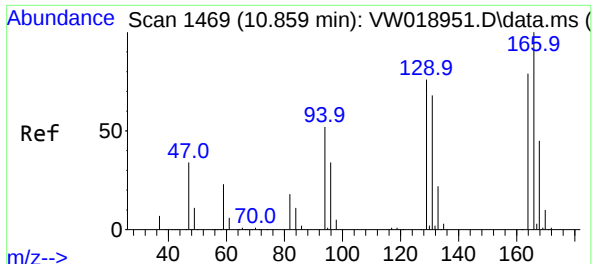
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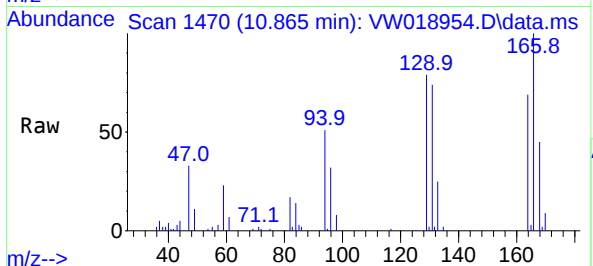
#45
1,1,2-Trichloroethane
Concen: 0.91 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

Tgt Ion: 97 Resp: 6384
Ion Ratio Lower Upper
97 100
99 61.8 45.1 83.7
83 87.2 58.1 107.9
85 64.6 37.3 69.3



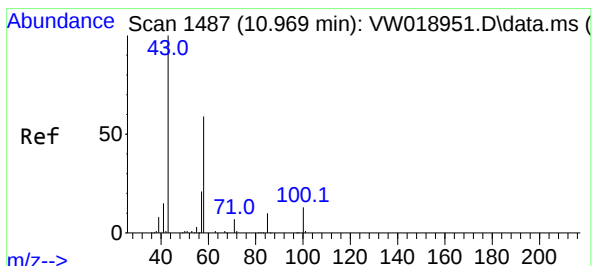
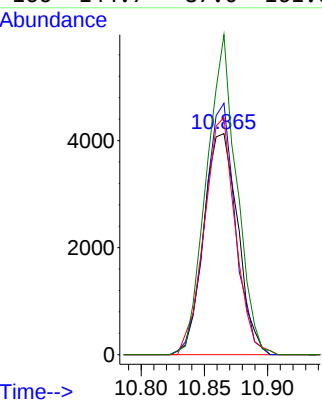
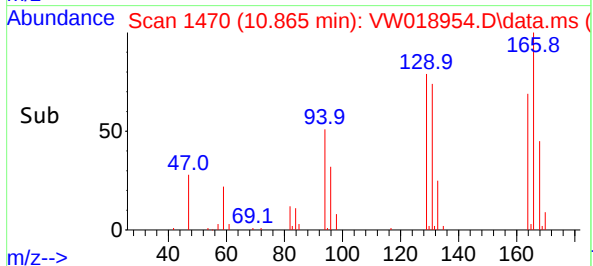


#46
Tetrachloroethene
Concen: 1.06 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

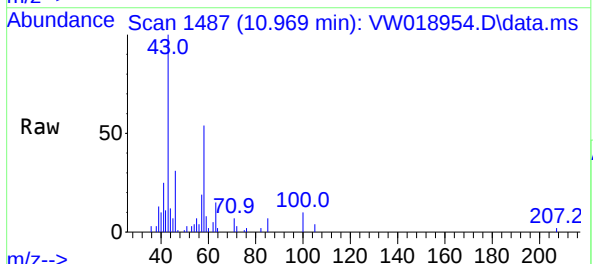


Tgt Ion:164 Resp: 7755

Ion	Ratio	Lower	Upper
164	100		
129	113.7	66.7	123.9
131	109.5	61.1	113.5
166	144.7	87.0	161.6

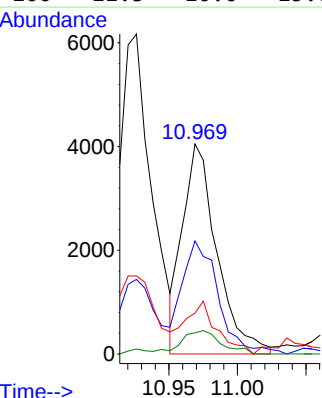
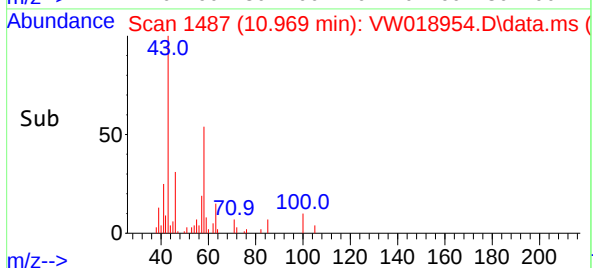


#48
2-Hexanone
Concen: 1.98 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56



Tgt Ion: 43 Resp: 7062

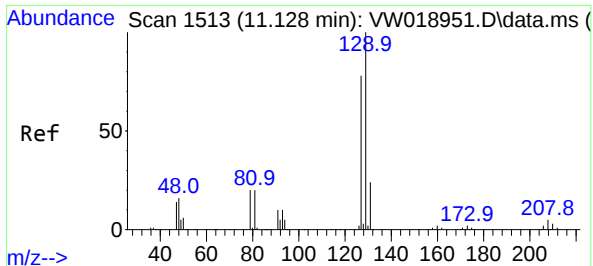
Ion	Ratio	Lower	Upper
43	100		
58	55.0	42.7	64.1
57	23.3	15.8	23.8
100	11.3	10.0	15.0



Instrument :
MSVOA_W
ClientSampleId :
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#49

Dibromochloromethane

Concen: 0.88 ug/L

RT: 11.134 min Scan# 1514

Delta R.T. 0.006 min

Lab File: VW018954.D

Acq: 07 May 2021 13:56

Tgt Ion:129 Resp: 6695

Ion Ratio Lower Upper

129 100

127 70.1 51.7 95.9

Instrument :

MSVOA_W

ClientSampleId :

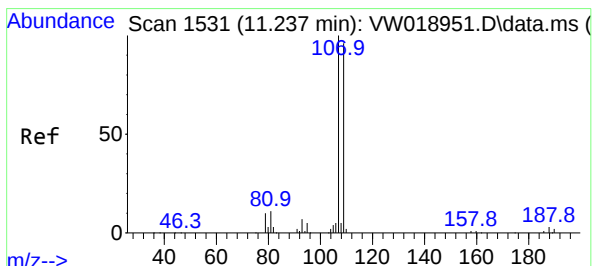
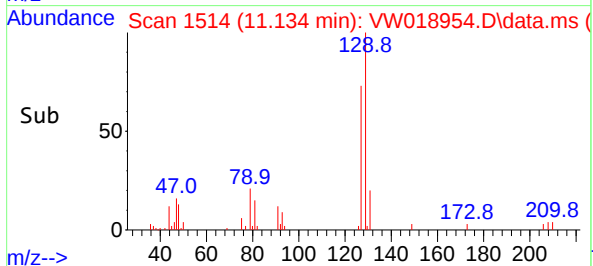
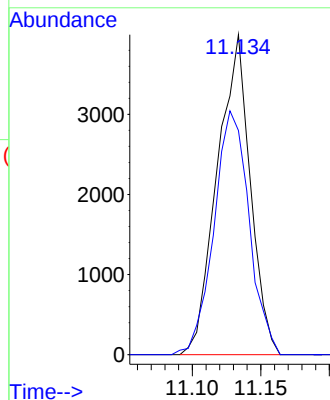
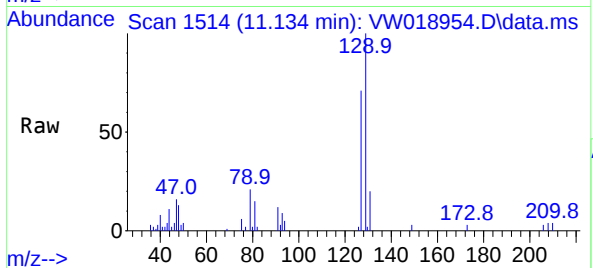
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#50

1,2-Dibromoethane

Concen: 0.93 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. -0.000 min

Lab File: VW018954.D

Acq: 07 May 2021 13:56

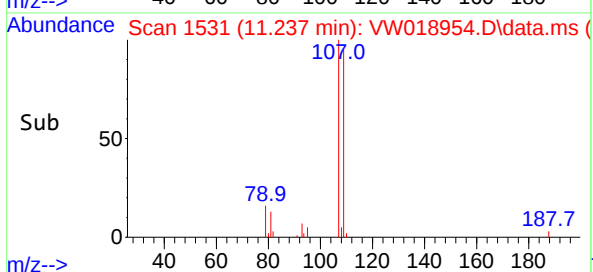
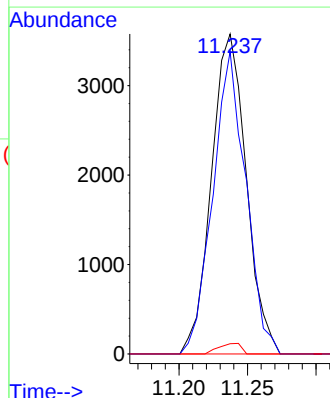
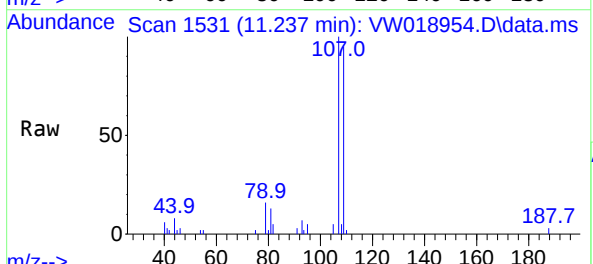
Tgt Ion:107 Resp: 6323

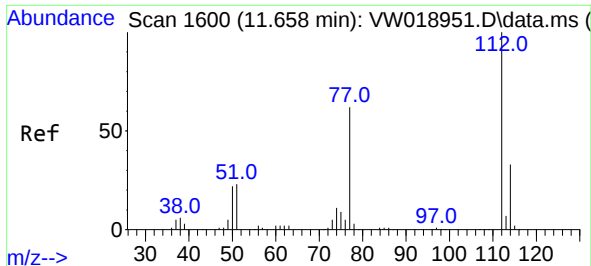
Ion Ratio Lower Upper

107 100

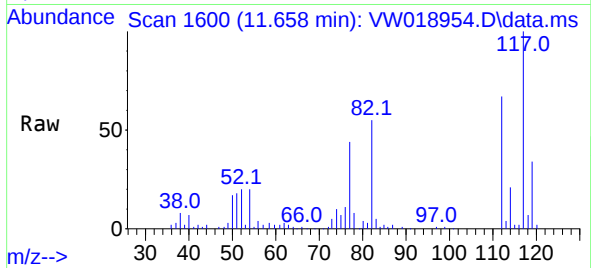
109 94.5 65.4 121.4

188 3.2 2.6 4.0

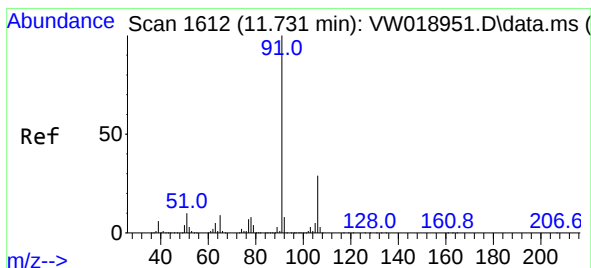
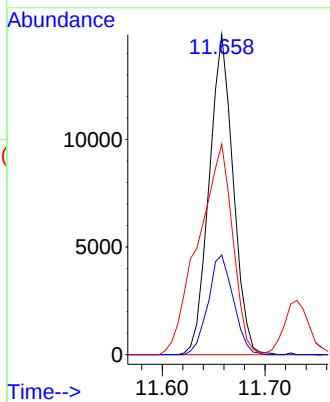
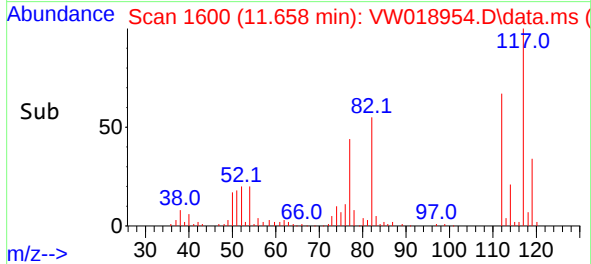




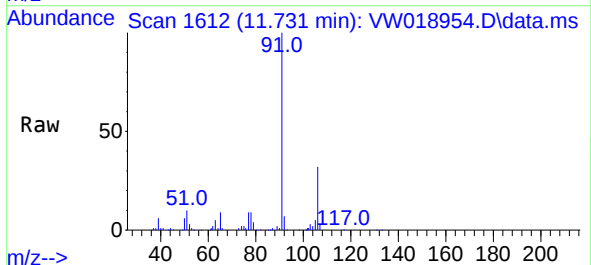
#51
Chlorobenzene
Concen: 0.98 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56



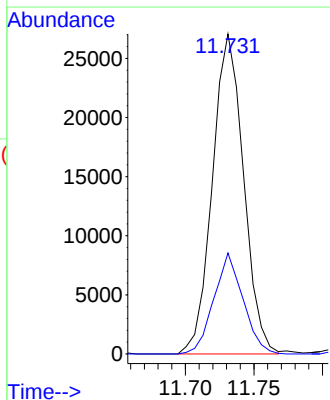
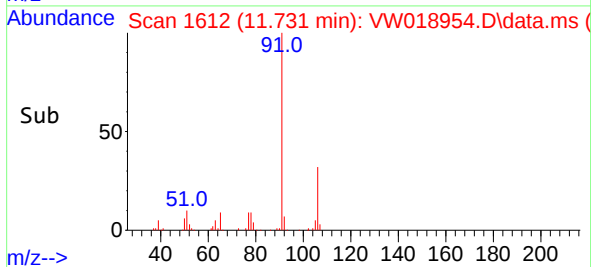
Tgt Ion: 112 Resp: 24170
Ion Ratio Lower Upper
112 100
114 31.1 23.4 43.6
77 65.8 47.6 71.4



#52
Ethylbenzene
Concen: 0.96 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56



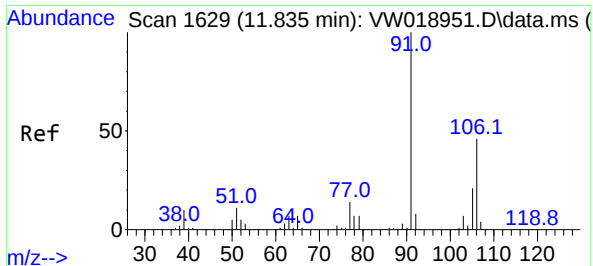
Tgt Ion: 91 Resp: 42773
Ion Ratio Lower Upper
91 100
106 31.6 22.5 41.7



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

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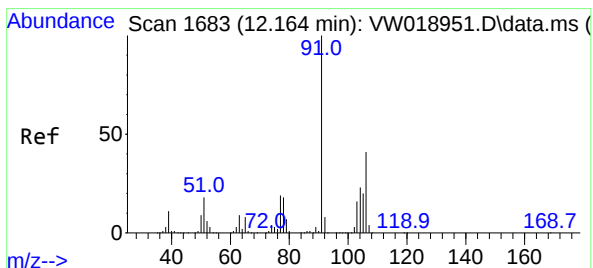
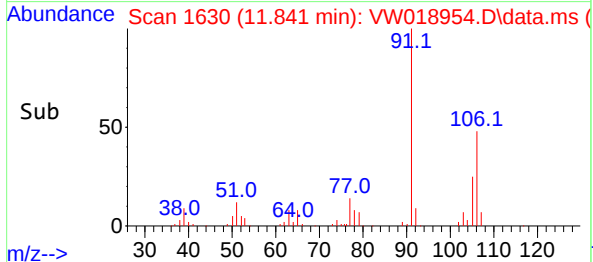
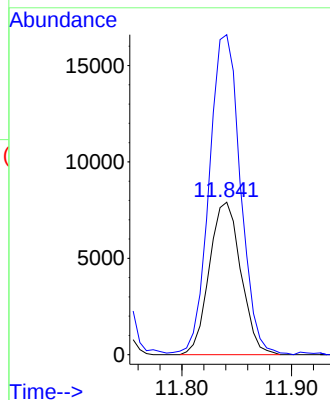
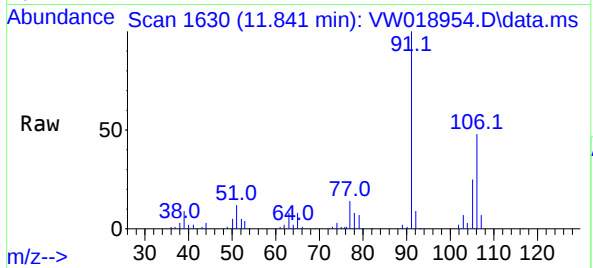
#53
m,p-Xylene
Concen: 0.96 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

Tgt Ion:106 Resp: 15850
Ion Ratio Lower Upper
106 100
91 209.9 141.3 262.3

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

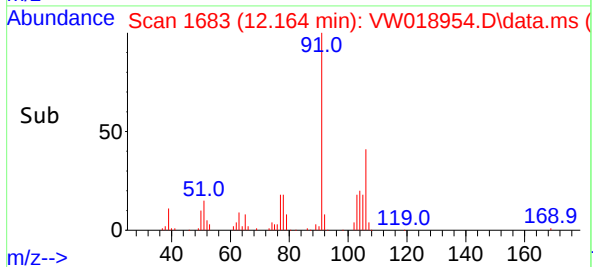
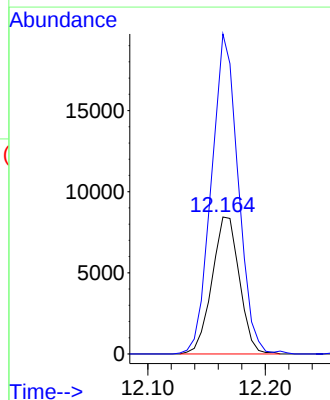
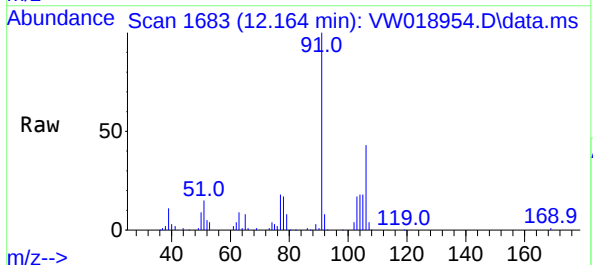
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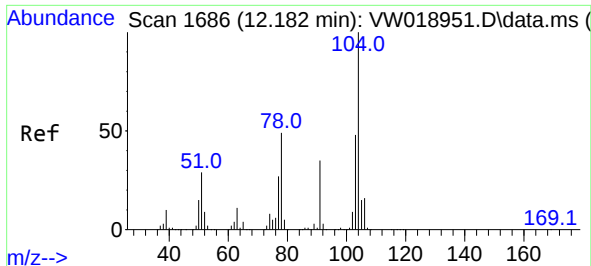
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#54
o-Xylene
Concen: 0.87 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

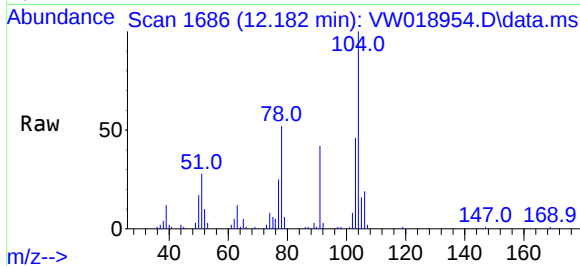
Tgt Ion:106 Resp: 13690
Ion Ratio Lower Upper
106 100
91 233.7 150.0 278.6





#55
Styrene
Concen: 0.83 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

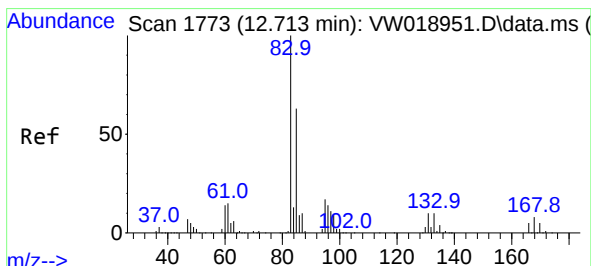
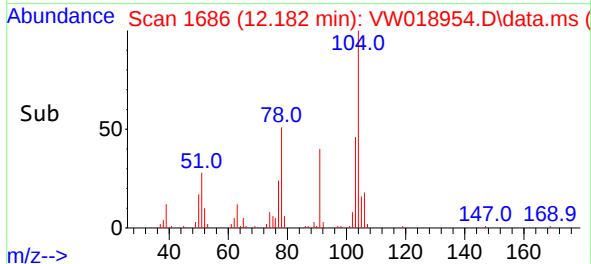
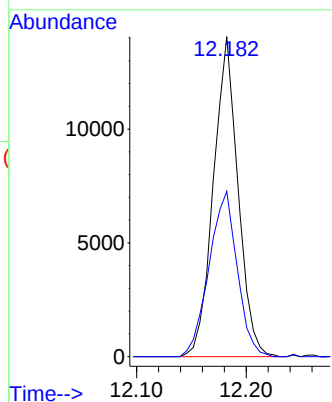
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06



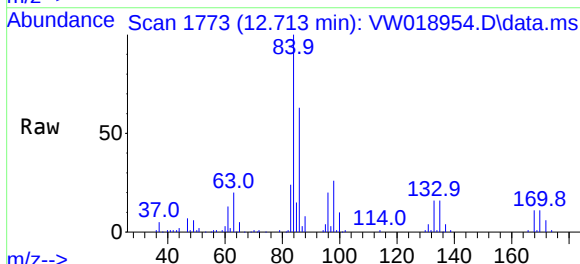
Tgt Ion:104 Resp: 21950
Ion Ratio Lower Upper
104 100
78 51.6 32.5 60.3

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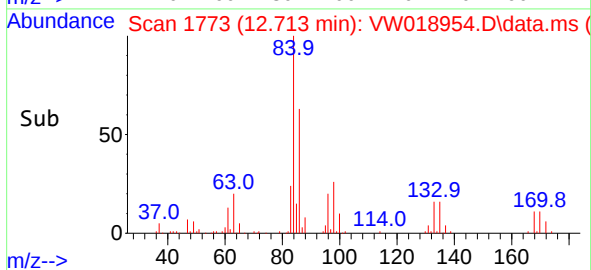
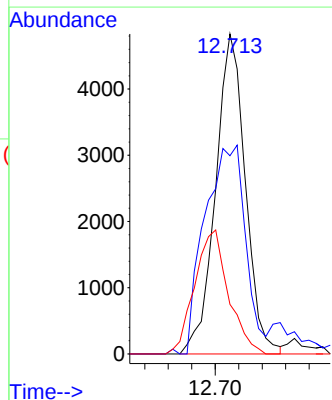
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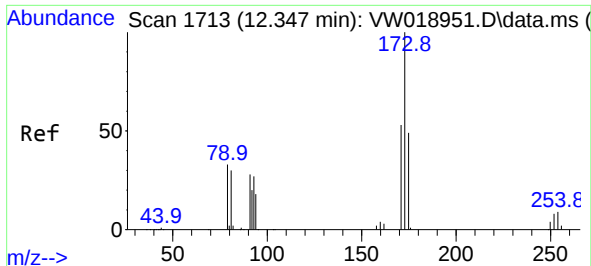


#57
1,1,2,2-Tetrachloroethane
Concen: 1.01 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56



Tgt Ion: 83 Resp: 8525
Ion Ratio Lower Upper
83 100
85 62.0 44.4 82.4
131 15.5 8.2 12.4#





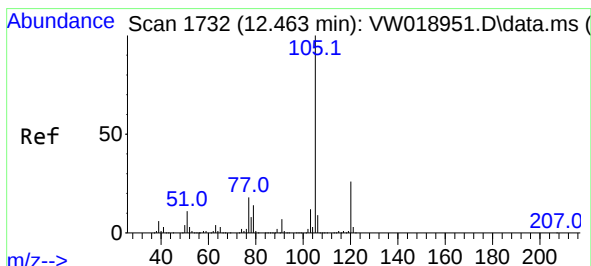
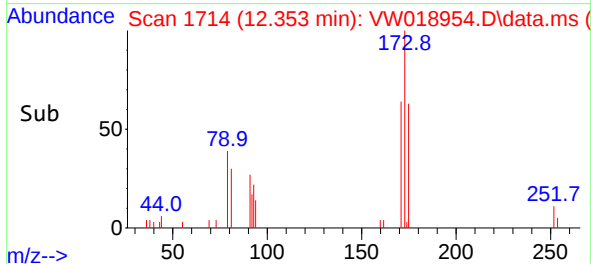
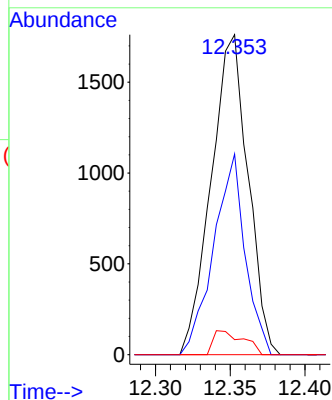
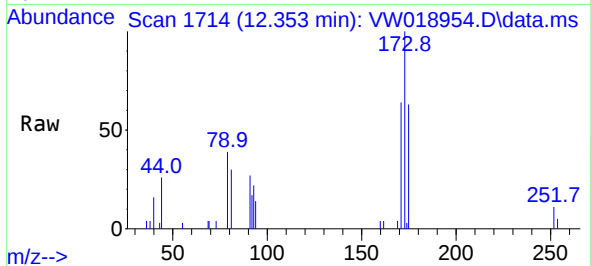
#59
Bromoform
Concen: 0.74 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

Tgt Ion:	173	Resp:	3017
Ion Ratio	Lower	Upper	
173	100		
175	53.5	37.5	56.3
254	4.2	7.0	10.4#

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

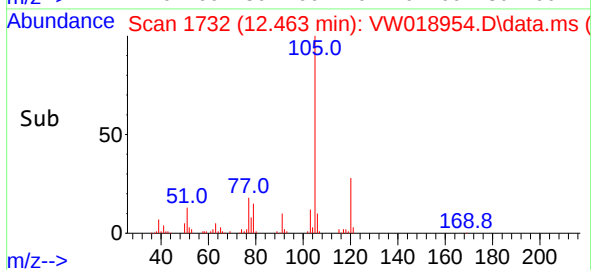
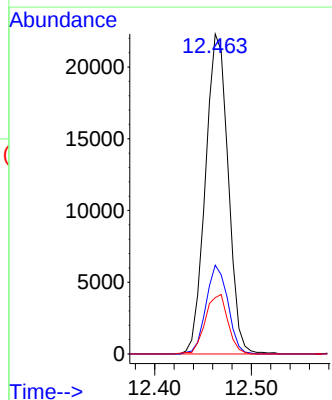
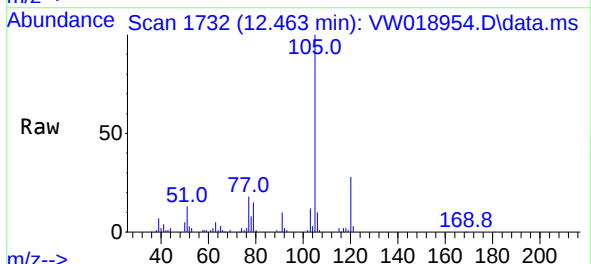
Manual Integrations
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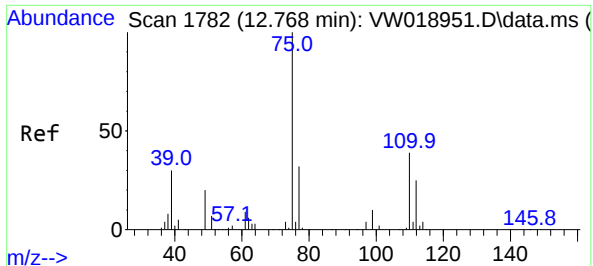
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#60
Isopropylbenzene
Concen: 0.87 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

Tgt Ion:	105	Resp:	36517
Ion Ratio	Lower	Upper	
105	100		
120	26.6	21.1	31.7
77	18.2	13.2	19.8





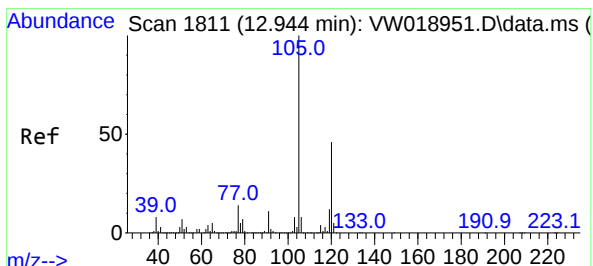
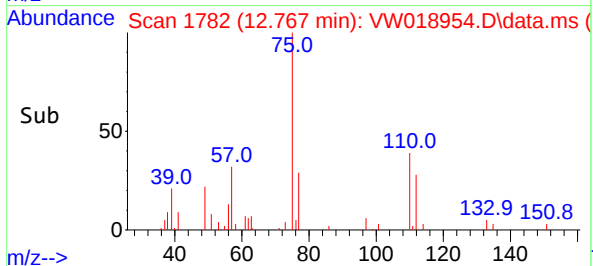
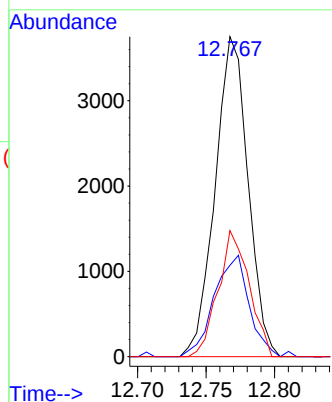
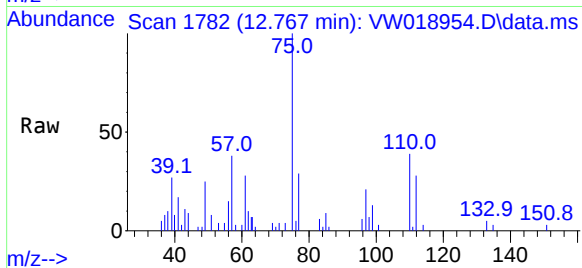
#61
1,2,3-Trichloropropane
Concen: 1.01 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

Tgt Ion:	75	Resp:	6261
Ion	Ratio	Lower	Upper
75	100		
77	33.5	25.3	37.9
110	37.1	32.6	48.8

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

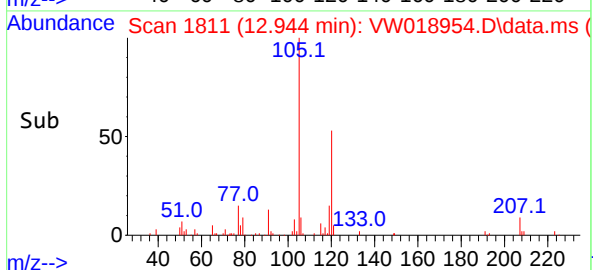
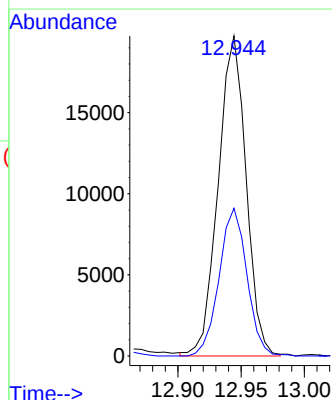
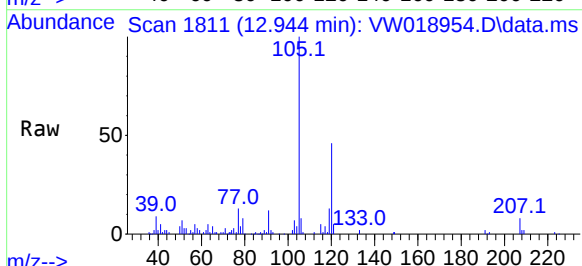
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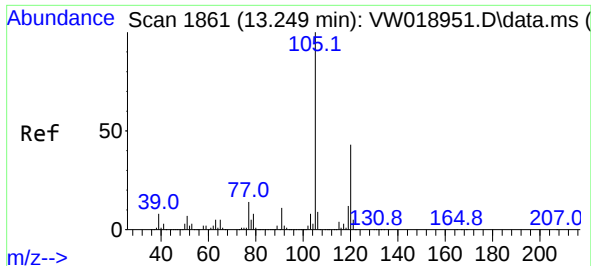
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#62
1,3,5-Trimethylbenzene
Concen: 0.87 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

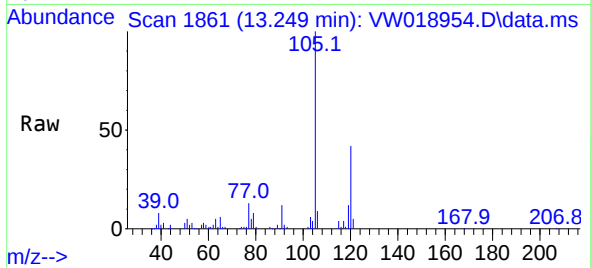
Tgt Ion:	105	Resp:	30235
Ion	Ratio	Lower	Upper
105	100		
120	45.9	39.0	58.6





#63
1,2,4-Trimethylbenzene
Concen: 0.92 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

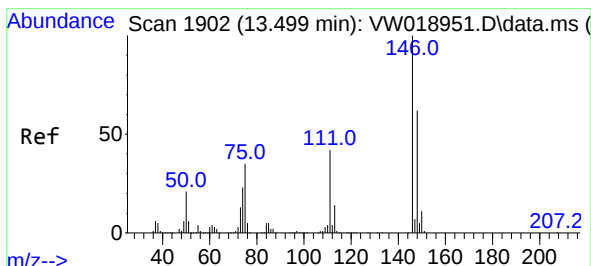
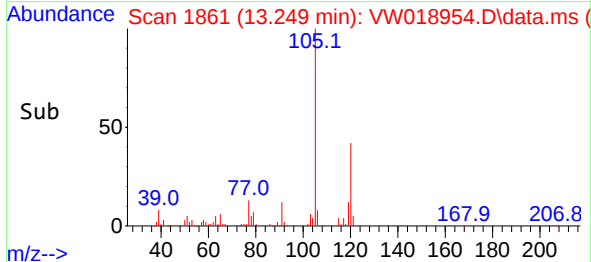
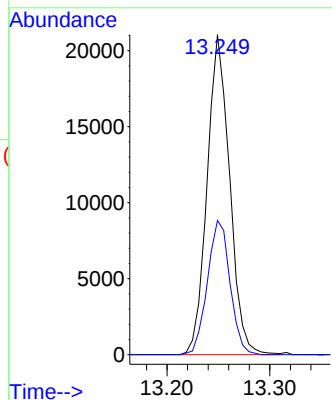
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06



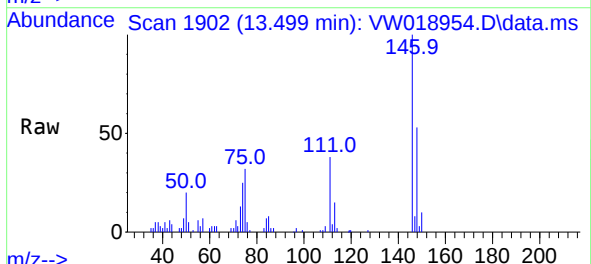
Tgt Ion:105 Resp: 32041
Ion Ratio Lower Upper
105 100
120 42.1 35.6 53.4

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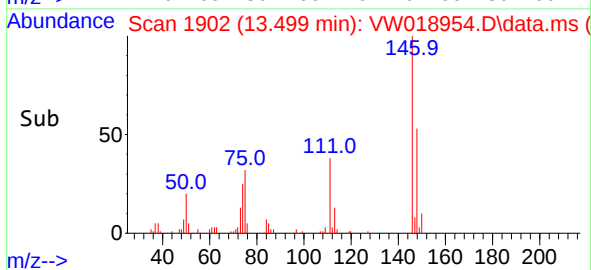
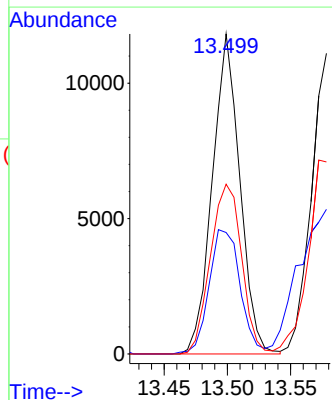
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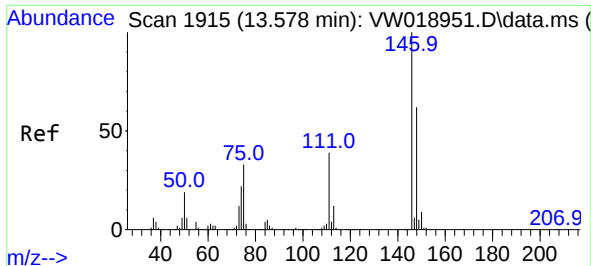


#64
1,3-Dichlorobenzene
Concen: 1.01 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56



Tgt Ion:146 Resp: 17857
Ion Ratio Lower Upper
146 100
111 38.0 26.7 49.7
148 53.0 41.1 76.3





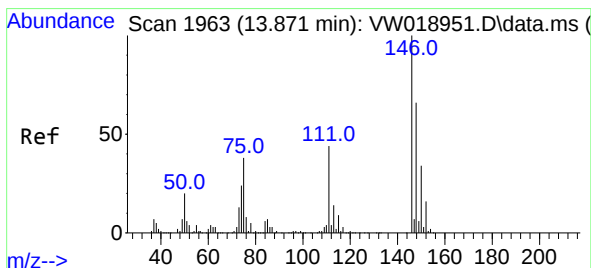
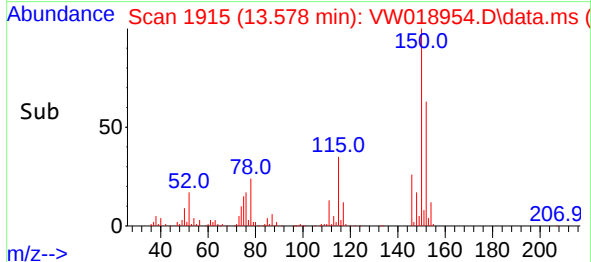
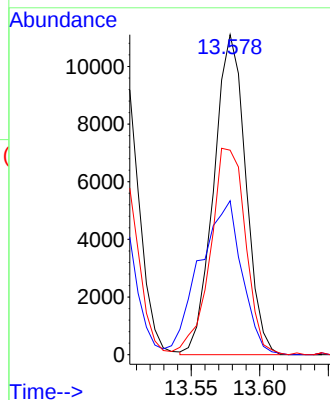
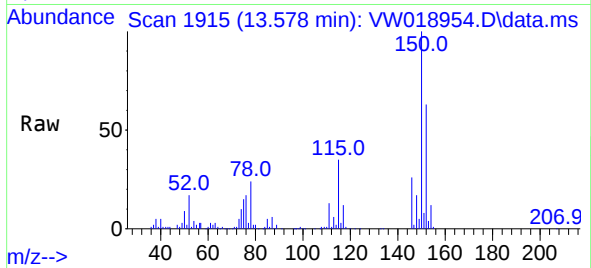
#65
1,4-Dichlorobenzene
Concen: 1.01 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

Tgt Ion:	146	Resp:	17988
Ion Ratio	Lower	Upper	
146	100		
111	48.1	28.8	53.4
148	63.9	46.8	87.0

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

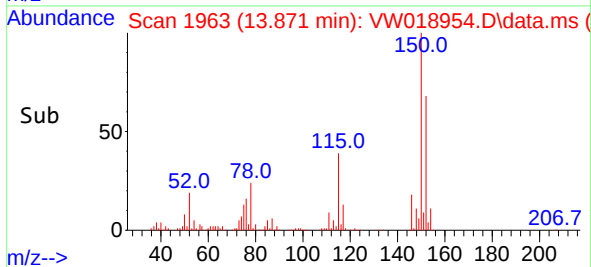
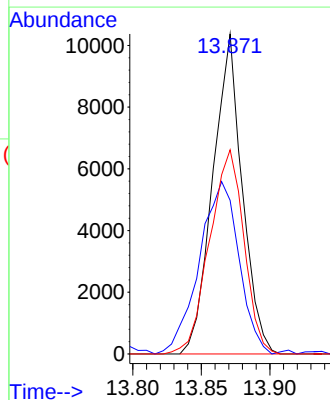
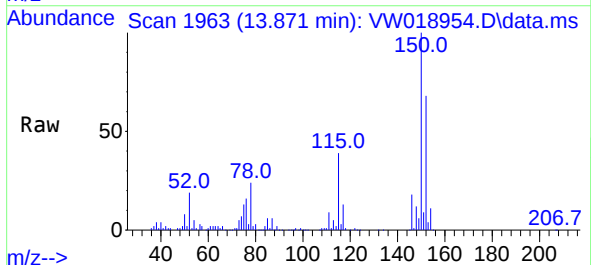
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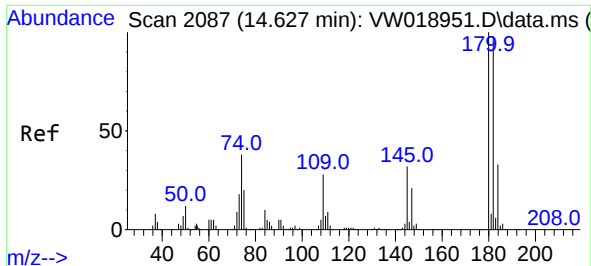
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#67
1,2-Dichlorobenzene
Concen: 0.97 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

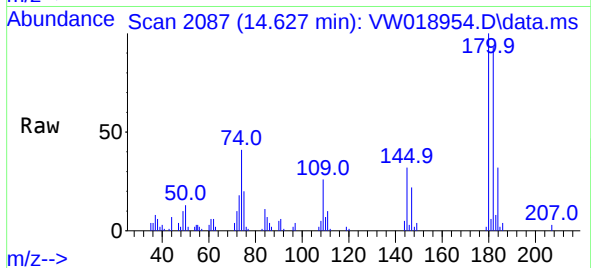
Tgt Ion:	146	Resp:	15478
Ion Ratio	Lower	Upper	
146	100		
111	48.0	33.2	49.8
148	63.8	50.4	75.6





#69
1,3,5-Trichlorobenzene
Concen: 0.87 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

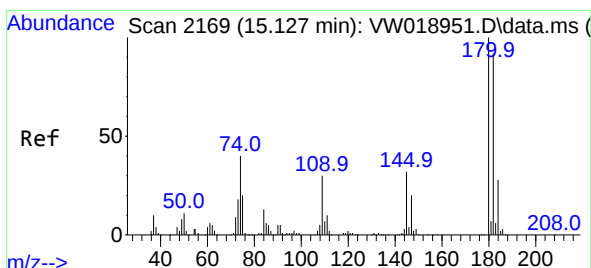
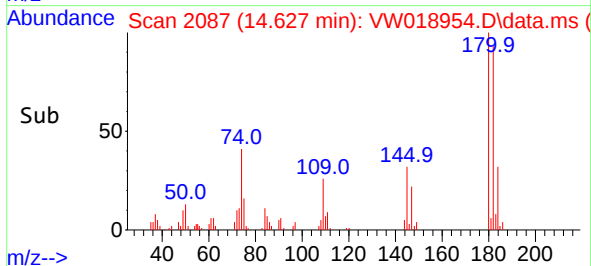
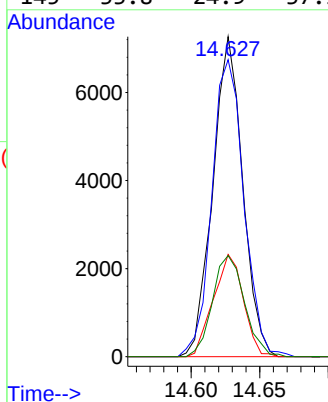
Instrument :
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ClientSampleId :
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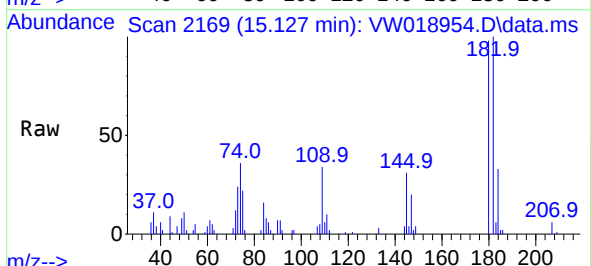
Tgt Ion:	180	Resp:	11030
Ion Ratio	Lower	Upper	
180	100		
182	98.9	73.4	110.2
184	32.0	23.6	35.4
145	33.8	24.9	37.3

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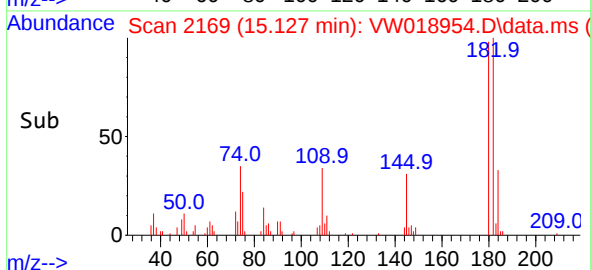
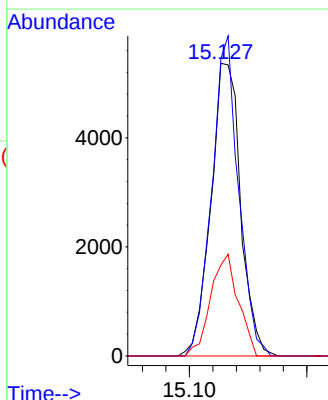
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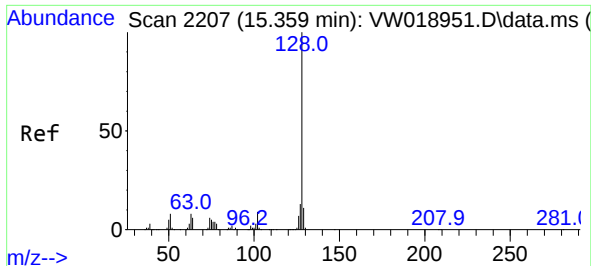


#70
1,2,4-trichlorobenzene
Concen: 0.89 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56



Tgt Ion:	180	Resp:	9419
Ion Ratio	Lower	Upper	
180	100		
182	98.6	74.7	112.1
145	32.4	25.0	37.4





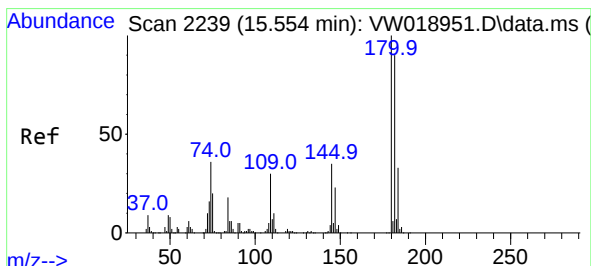
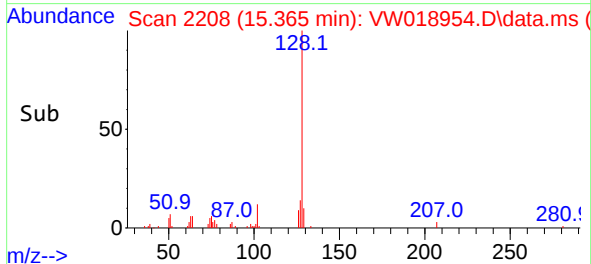
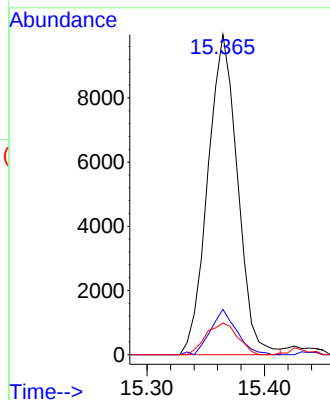
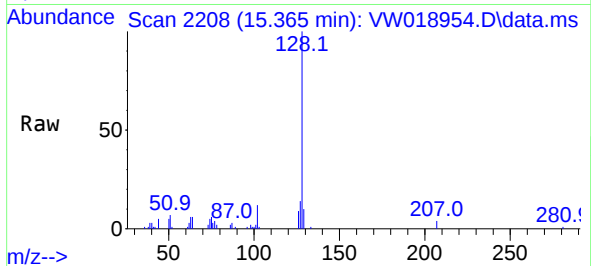
#71
Naphthalene
Concen: 0.79 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

Tgt Ion:	128	Resp:	17566
Ion Ratio	Lower	Upper	
128	100		
127	12.2	10.6	15.8
129	10.4	9.0	13.6

Instrument :
MSVOA_W
ClientSampleId :
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#72
1,2,3-Trichlorobenzene
Concen: 0.89 ug/L
RT: 15.547 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW018954.D
Acq: 07 May 2021 13:56

Tgt Ion:	180	Resp:	8292
Ion Ratio	Lower	Upper	
180	100		
182	96.3	76.7	115.1
145	35.4	28.9	43.3

