

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051421\
 Data File : VW019000.D
 Acq On : 14 May 2021 15:51
 Operator : SY/VA
 Sample : M2250-03
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2021-05

Manual Integrations
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Quant Time: May 14 23:53:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 14 12:03:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	594002	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	538509	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	264711	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	149857	24.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.16%
7) Chloroethane-d5	2.891	69	129731	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.04%
11) 1,1-Dichloroethene-d2	4.019	63	231142	16.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.00%
21) 2-Butanone-d5	7.074	46	80417	50.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.04%
24) Chloroform-d	7.647	84	348442	22.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.68%
26) 1,2-Dichloroethane-d4	8.305	65	186160	23.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.28%
32) Benzene-d6	8.275	84	716225	23.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.32%
36) 1,2-Dichloropropane-d6	9.274	67	209710	23.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.20%
41) Toluene-d8	10.323	98	665236	23.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.44%
43) trans-1,3-Dichloroprop...	10.579	79	88393	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.36%
47) 2-Hexanone-d5	10.920	63	66693	51.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.38%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	160817	23.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.28%
66) 1,2-Dichlorobenzene-d4	13.853	152	222673	24.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	4915	0.81	ug/L	99
3) Chloromethane	2.215	50	5588	0.92	ug/L	96
5) Vinyl chloride	2.367	62	9187	1.18	ug/L #	44
6) Bromomethane	2.782	94	6251	0.97	ug/L	93
8) Chloroethane	2.934	64	5611	1.03	ug/L	99
9) Trichlorofluoromethane	3.263	101	4551	0.80	ug/L #	75
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	9930	1.27	ug/L #	57
12) 1,1-Dichloroethene	4.050	96	9226	1.21	ug/L #	1
13) Acetone	4.123	43	10952	8.12	ug/L	83
14) Carbon disulfide	4.391	76	18652	0.87	ug/L	99
15) Methyl Acetate	4.684	43	2440	0.87	ug/L #	78
16) Methylene chloride	4.915	84	61731	6.19	ug/L	94
17) trans-1,2-Dichloroethene	5.421	96	7533	0.90	ug/L	91
18) Methyl tert-butyl Ether	5.421	73	8780m	0.87	ug/L	
19) 1,1-Dichloroethane	6.220	63	13170	0.90	ug/L	90
20) cis-1,2-Dichloroethene	7.171	96	7683	0.87	ug/L	77
22) 2-Butanone	7.165	43	6247m	3.36	ug/L	
23) Bromochloromethane	7.513	128	3491	0.92	ug/L #	77
25) Chloroform	7.677	83	15265	1.02	ug/L	98

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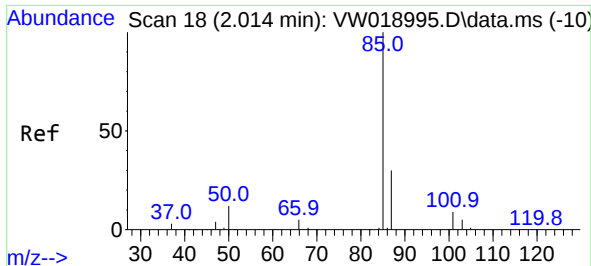
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Quant Time: May 14 23:53:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 14 12:03:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	8917	0.95	ug/L #	82
29) Cyclohexane	7.958	56	12006	0.93	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	10674	0.91	ug/L	97
31) Carbon tetrachloride	8.067	117	9892	0.93	ug/L #	64
33) Benzene	8.323	78	30408	0.92	ug/L	100
34) Trichloroethene	9.091	95	8825	1.01	ug/L	85
35) Methylcyclohexane	9.335	83	13347	0.88	ug/L	95
37) 1,2-Dichloropropane	9.366	63	7303	0.92	ug/L #	92
38) Bromodichloromethane	9.646	83	9161	0.89	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	9617	0.81	ug/L	91
40) 4-Methyl-2-pentanone	10.207	43	10475	2.55	ug/L	96
42) Toluene	10.390	91	43596	1.20	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	13163	1.27	ug/L	96
45) 1,1,2-Trichloroethane	10.780	97	5251	0.90	ug/L	92
46) Tetrachloroethene	10.859	164	6858	0.99	ug/L	91
48) 2-Hexanone	10.969	43	4956	1.85	ug/L #	91
49) Dibromochloromethane	11.128	129	5684	0.87	ug/L	93
50) 1,2-Dibromoethane	11.237	107	4857	0.90	ug/L #	94
51) Chlorobenzene	11.658	112	20758	0.93	ug/L	96
52) Ethylbenzene	11.731	91	34921	0.87	ug/L	96
53) m,p-Xylene	11.835	106	13281	0.88	ug/L	95
54) o-Xylene	12.164	106	11809	0.83	ug/L	93
55) Styrene	12.182	104	18135	0.75	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	7130	1.07	ug/L #	80
59) Bromoform	12.353	173	2770	0.81	ug/L #	96
60) Isopropylbenzene	12.463	105	32872	0.85	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	4826	1.01	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	26489	0.85	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	26781	0.85	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	15454	0.92	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	16423	0.98	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	14324	0.97	ug/L #	94
69) 1,3,5-Trichlorobenzene	14.621	180	11741	0.96	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	9714	1.00	ug/L	97
71) Naphthalene	15.365	128	15751	0.89	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	9226	1.08	ug/L	95

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



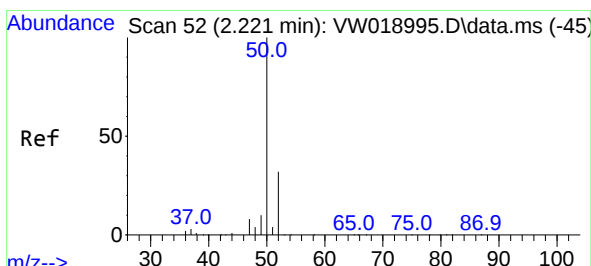
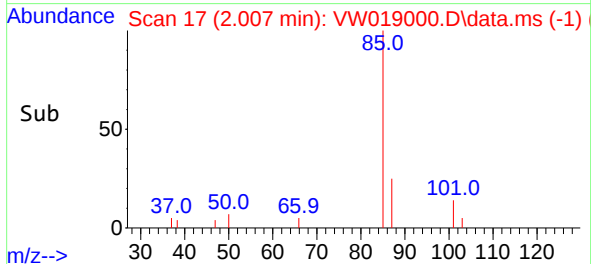
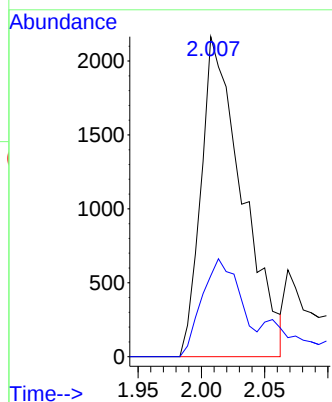
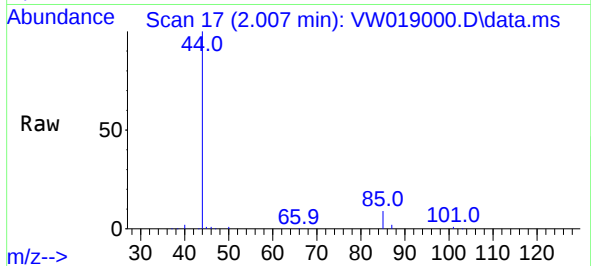
#2
Dichlorodifluoromethane
Concen: 0.81 ug/L
RT: 2.007 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

Tgt Ion: 85 Resp: 4915
Ion Ratio Lower Upper
85 100
87 28.8 23.3 34.9

Instrument :
MSVOA_W
ClientSampleId :
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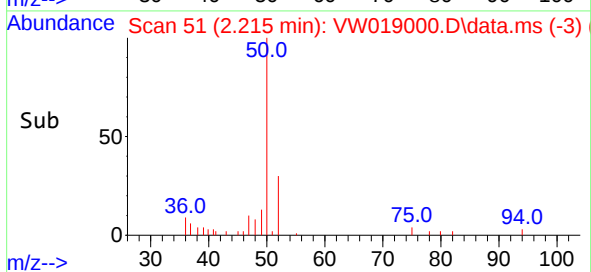
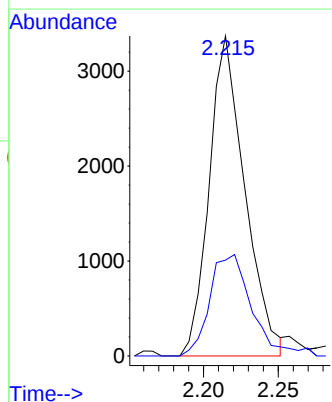
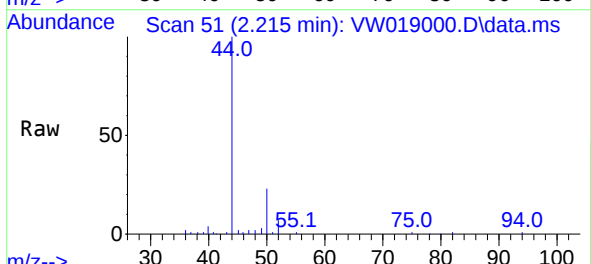
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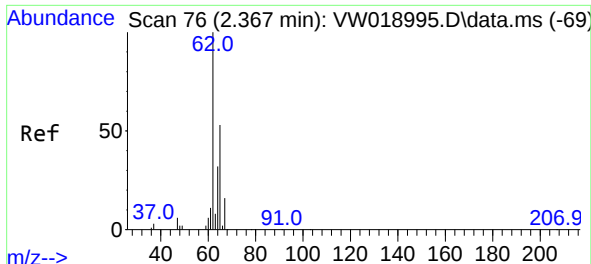
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#3
Chloromethane
Concen: 0.92 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

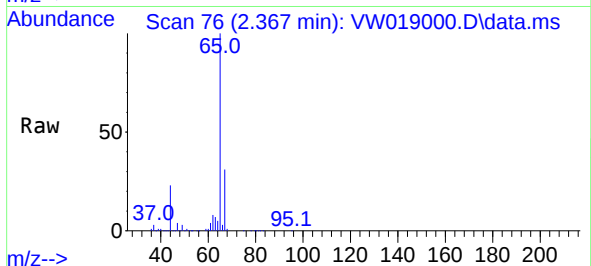
Tgt Ion: 50 Resp: 5588
Ion Ratio Lower Upper
50 100
52 29.9 22.5 41.9





#5
 Vinyl chloride
 Concen: 1.18 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW019000.D
 Acq: 14 May 2021 15:51

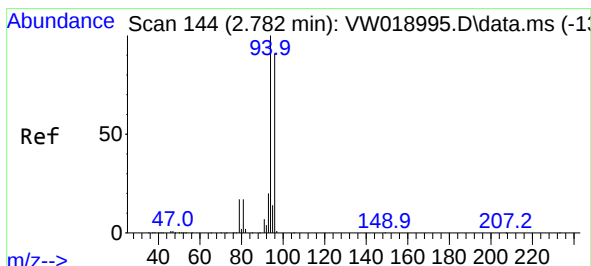
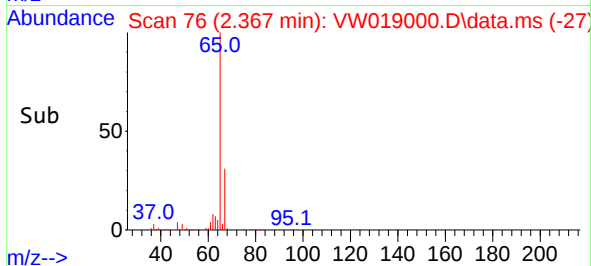
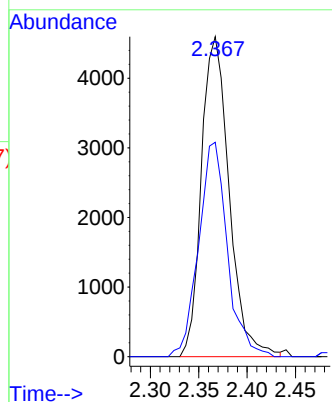
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2021-05



Tgt Ion: 62 Resp: 9187
 Ion Ratio Lower Upper
 62 100
 64 67.0 24.2 45.0#

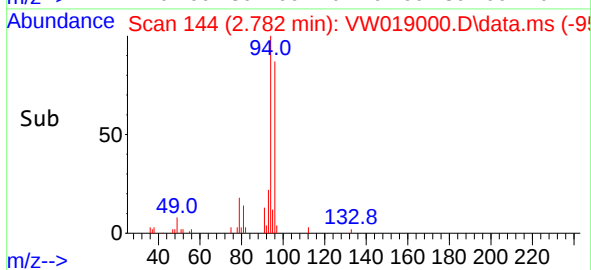
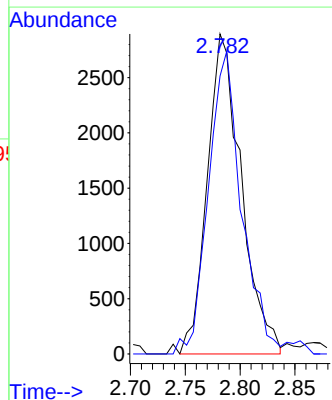
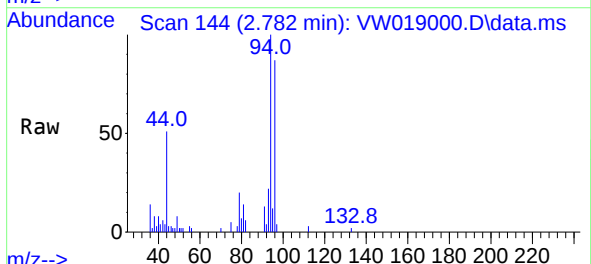
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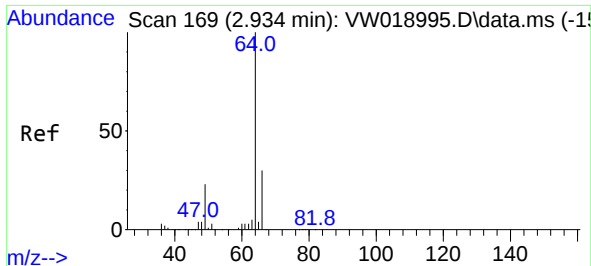
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#6
 Bromomethane
 Concen: 0.97 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW019000.D
 Acq: 14 May 2021 15:51

Tgt Ion: 94 Resp: 6251
 Ion Ratio Lower Upper
 94 100
 96 86.8 65.3 121.3





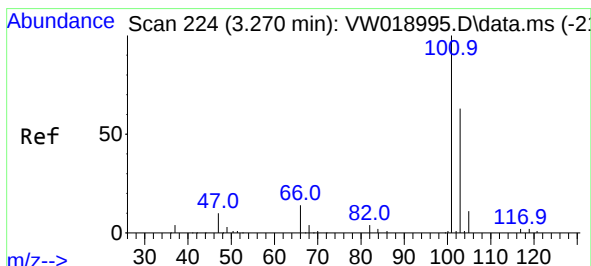
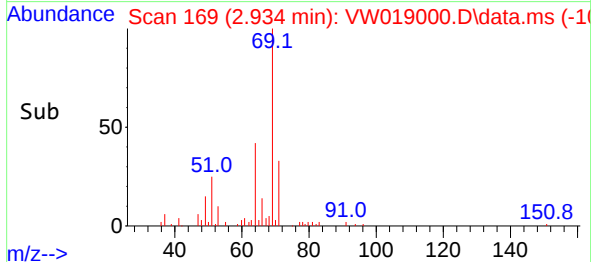
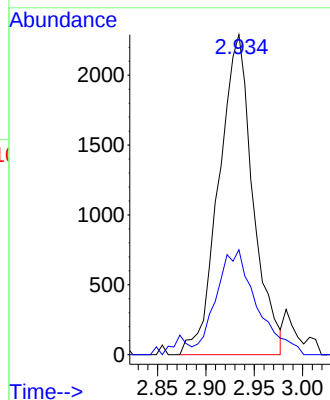
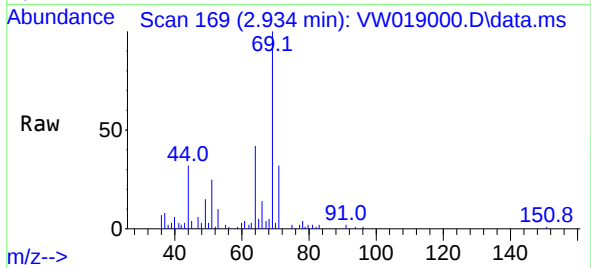
#8
Chloroethane
Concen: 1.03 ug/L
RT: 2.934 min Scan# 169
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

Tgt Ion: 64 Resp: 5611
Ion Ratio Lower Upper
64 100
66 32.8 23.4 43.6

Instrument :
MSVOA_W
ClientSampleId :
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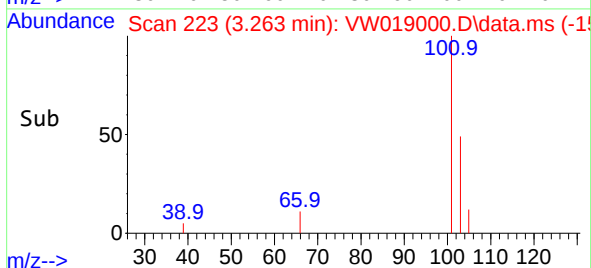
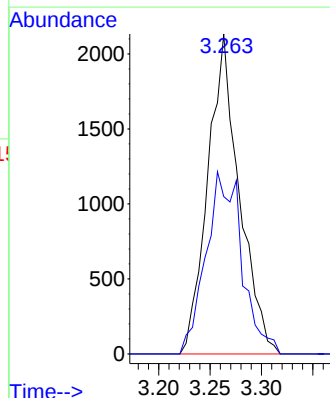
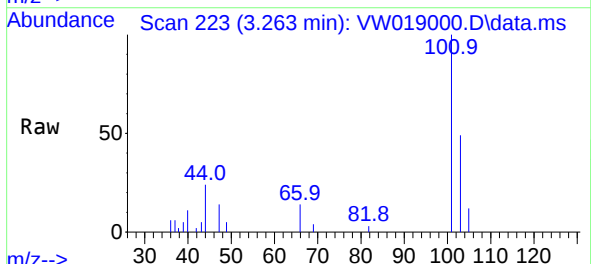
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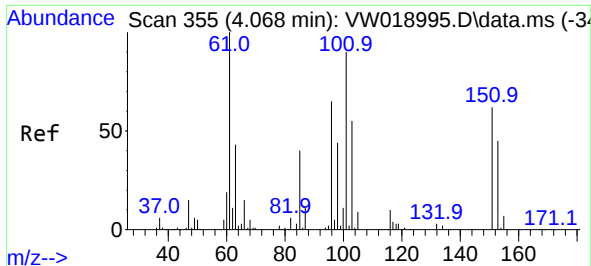
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#9
Trichlorofluoromethane
Concen: 0.80 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.006 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

Tgt Ion:101 Resp: 4551
Ion Ratio Lower Upper
101 100
103 43.9 51.0 76.4#





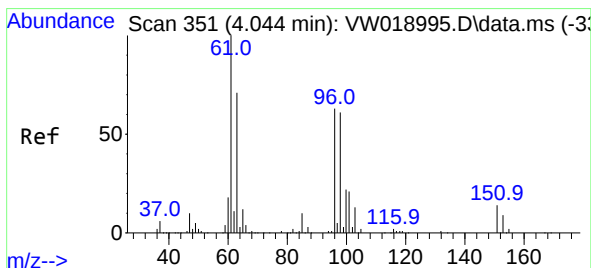
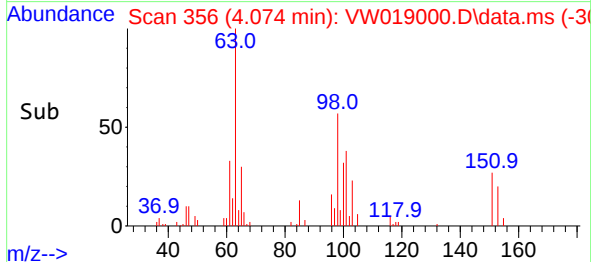
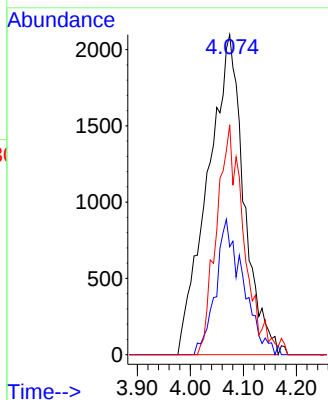
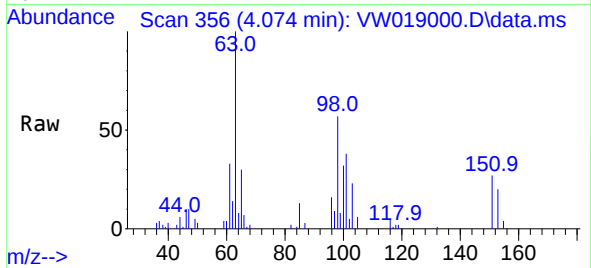
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.27 ug/L
RT: 4.074 min Scan# 356
Delta R.T. 0.006 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 9930
Ion Ratio Lower Upper
101 100
85 21.5 38.2 57.2#
151 32.5 56.6 85.0#

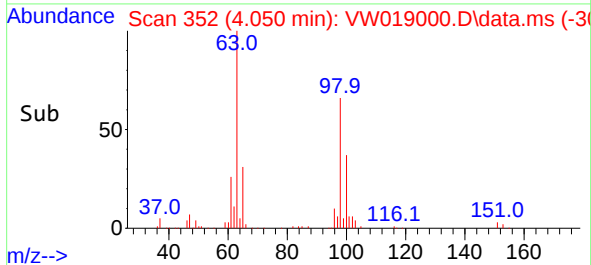
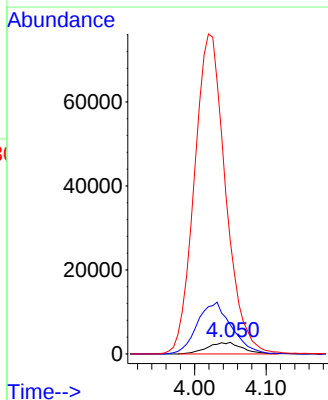
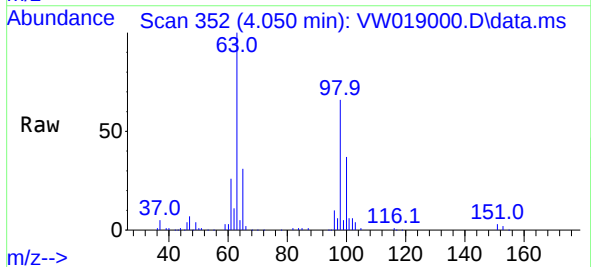
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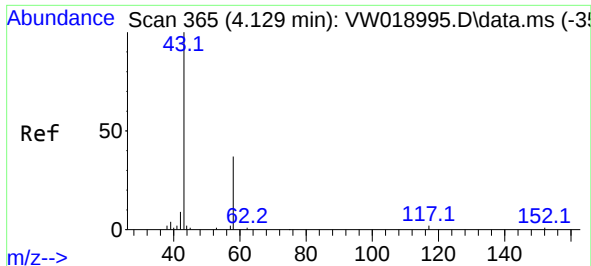
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#12
1,1-Dichloroethene
Concen: 1.21 ug/L
RT: 4.050 min Scan# 352
Delta R.T. 0.006 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

Tgt Ion: 96 Resp: 9226
Ion Ratio Lower Upper
96 100
61 250.0 118.1 219.3#
63 972.4 83.7 155.5#





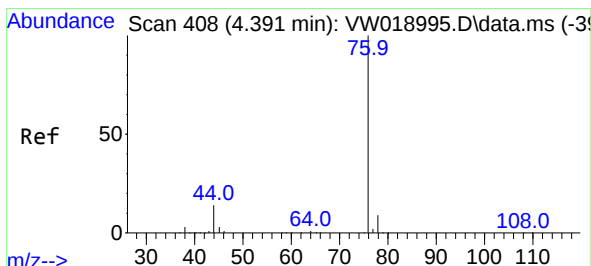
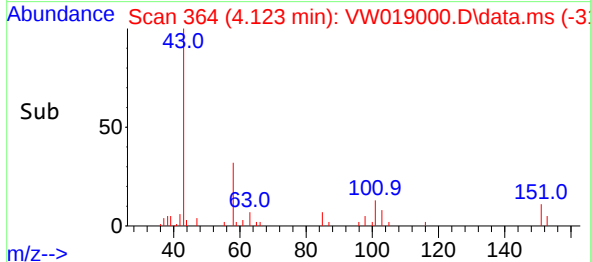
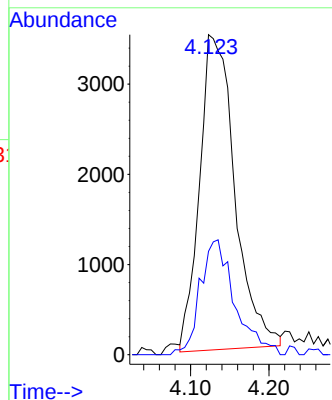
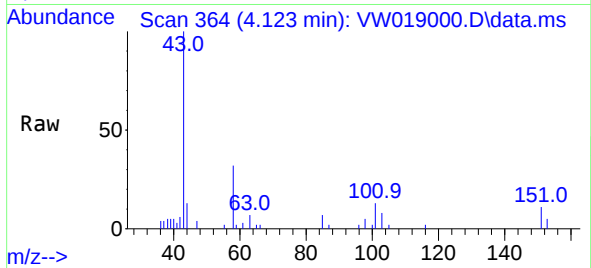
#13
Acetone
Concen: 8.12 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

Tgt Ion: 43 Resp: 10952
Ion Ratio Lower Upper
43 100
58 35.8 0.0 53.8

Instrument :
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ClientSampleId :
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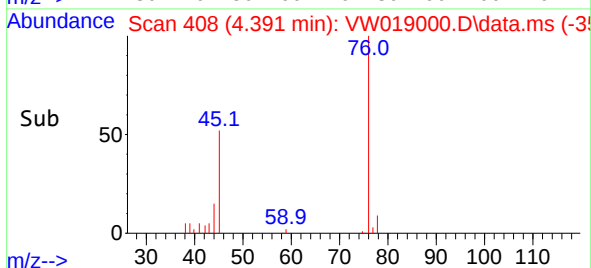
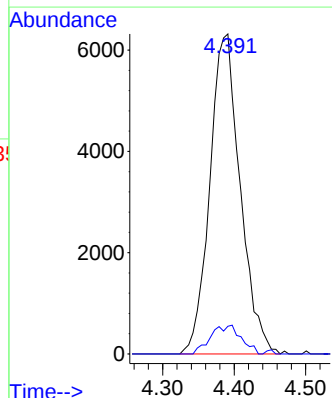
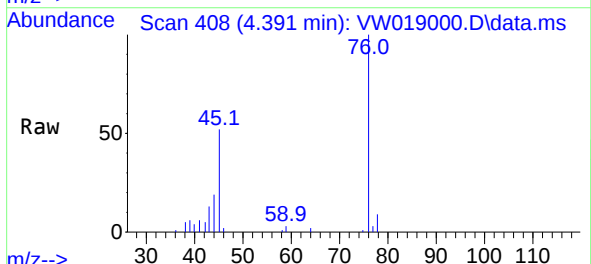
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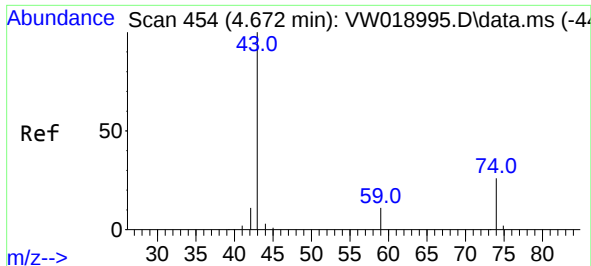
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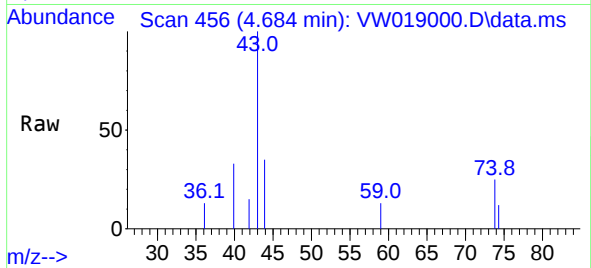
#14
Carbon disulfide
Concen: 0.87 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

Tgt Ion: 76 Resp: 18652
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

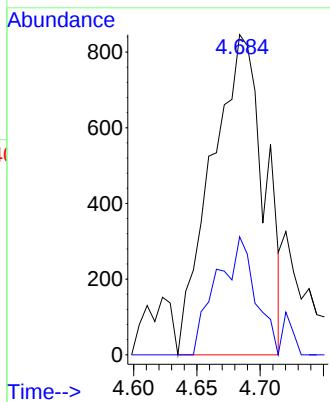
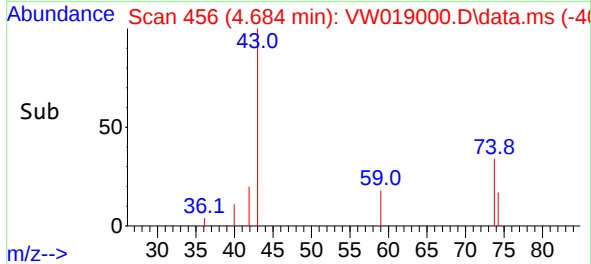




#15
Methyl Acetate
Concen: 0.87 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51



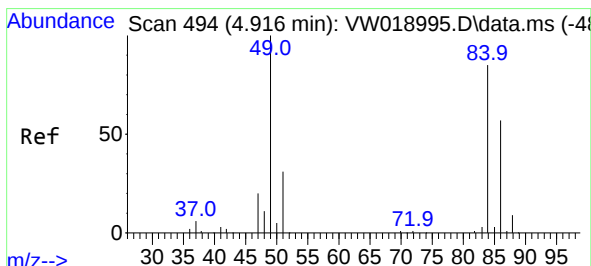
Tgt Ion: 43 Resp: 2440
Ion Ratio Lower Upper
43 100
74 13.8 20.0 30.0#



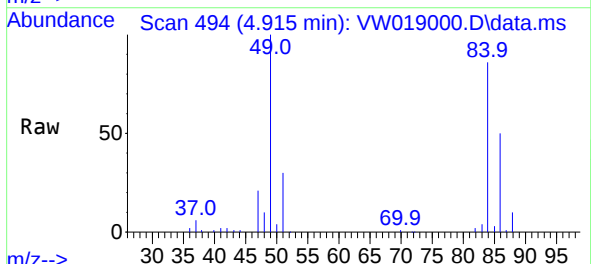
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05

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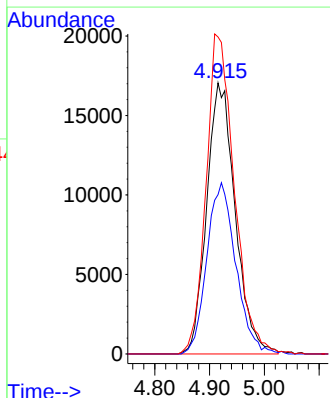
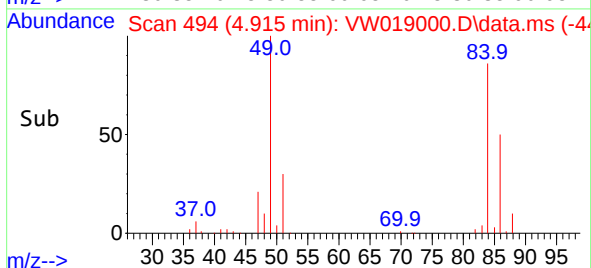
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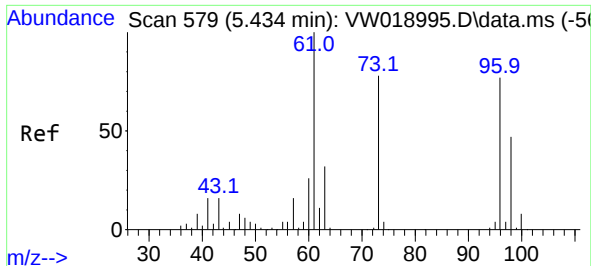


#16
Methylene chloride
Concen: 6.19 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51



Tgt Ion: 84 Resp: 61731
Ion Ratio Lower Upper
84 100
86 58.8 45.3 84.1
49 116.9 86.6 160.8





#17
trans-1,2-Dichloroethene
Concen: 0.90 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.012 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

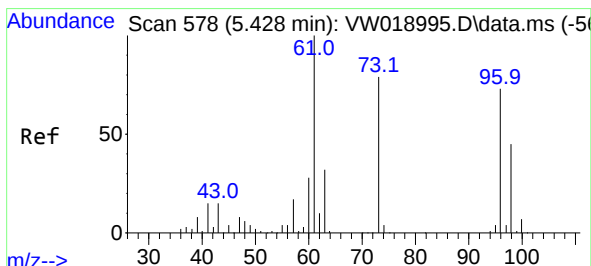
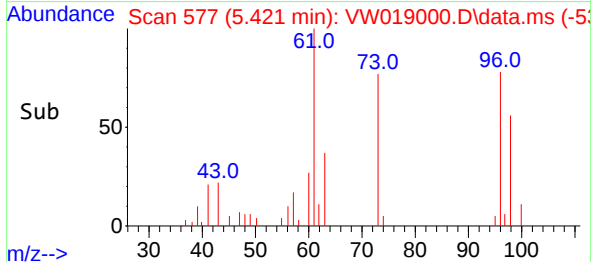
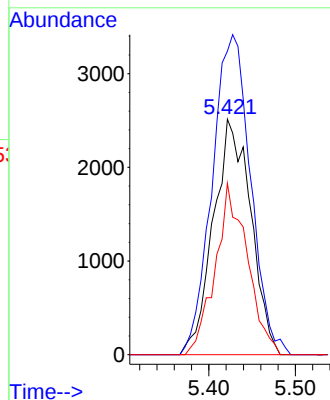
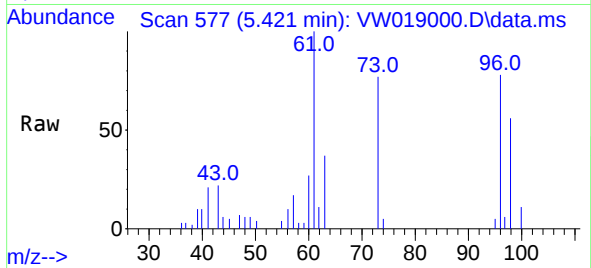
Tgt Ion: 96 Resp: 7533

Ion	Ratio	Lower	Upper
96	100		
61	128.9	98.3	182.7
98	72.8	46.1	85.7

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05

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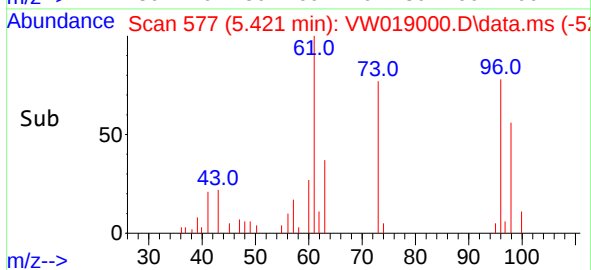
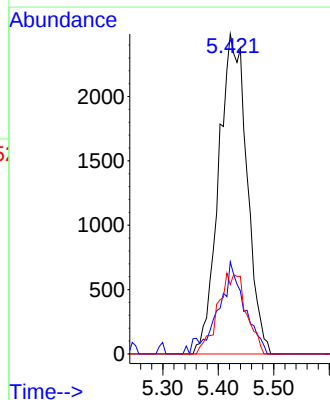
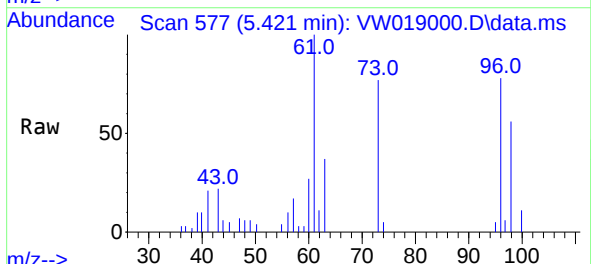
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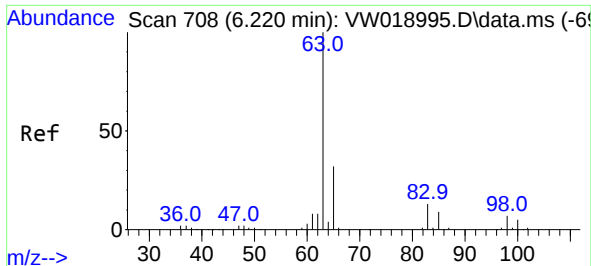


#18
Methyl tert-butyl Ether
Concen: 0.87 ug/L m
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

Tgt Ion: 73 Resp: 8780

Ion	Ratio	Lower	Upper
73	100		
43	25.4	17.7	26.5
57	1.4	17.0	25.4#





#19

1,1-Dichloroethane

Concen: 0.90 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW019000.D

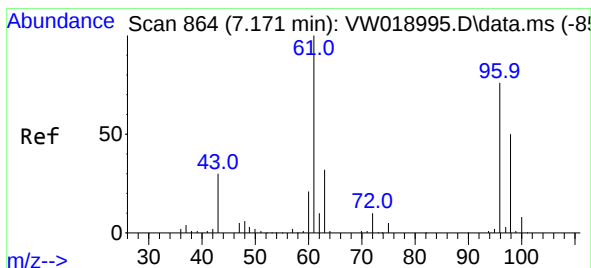
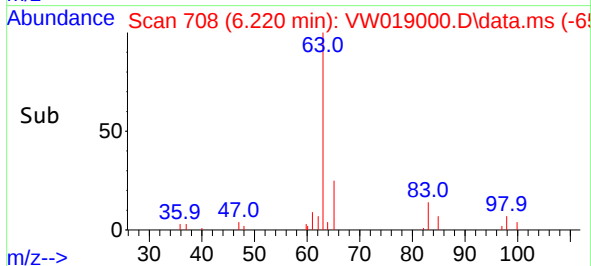
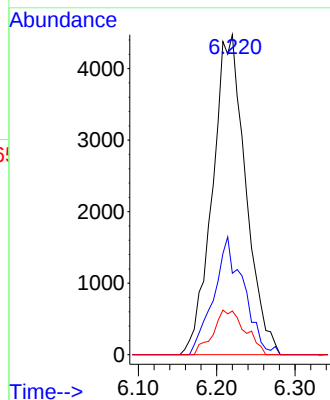
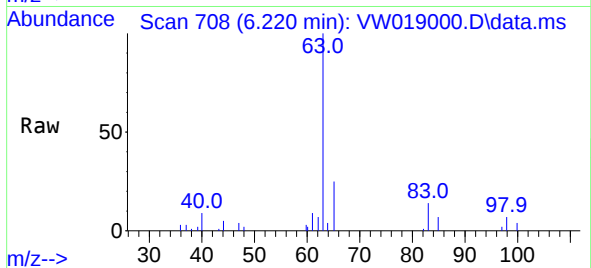
Acq: 14 May 2021 15:51

Tgt Ion:	63	Resp:	13170
Ion	Ratio	Lower	Upper
63	100		
65	25.5	22.9	42.5
83	13.6	10.2	19.0

Instrument :
MSVOA_W
ClientSampleId :
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#20

cis-1,2-Dichloroethene

Concen: 0.87 ug/L

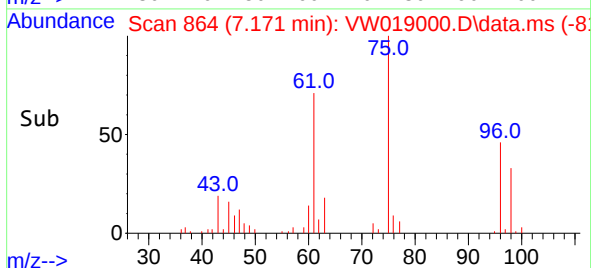
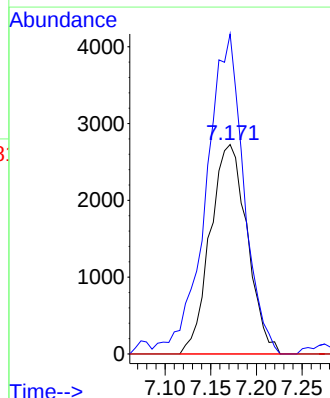
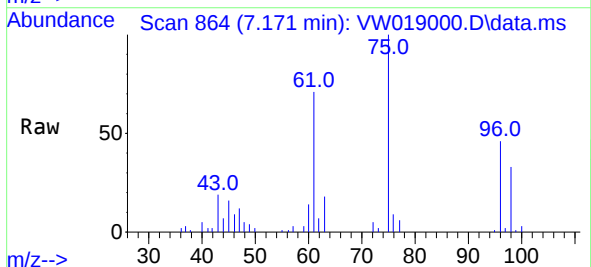
RT: 7.171 min Scan# 864

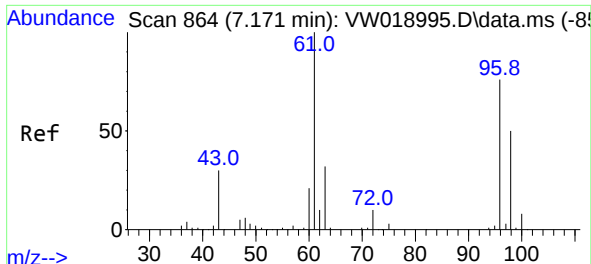
Delta R.T. -0.000 min

Lab File: VW019000.D

Acq: 14 May 2021 15:51

Tgt Ion:	96	Resp:	7683
Ion	Ratio	Lower	Upper
96	100		
61	152.8	88.5	164.3
68	0.0	0.0	0.0





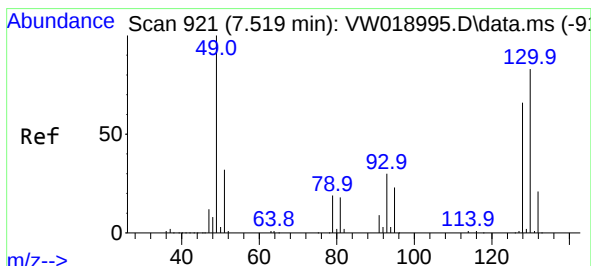
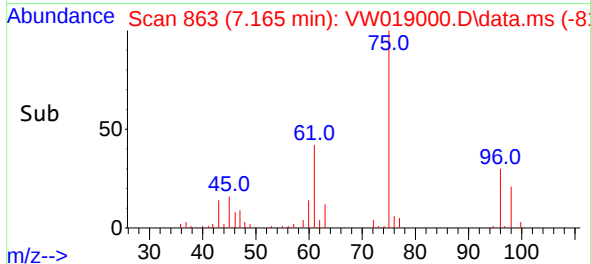
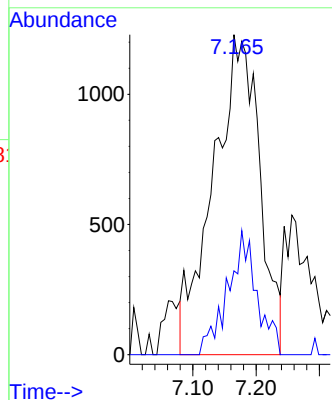
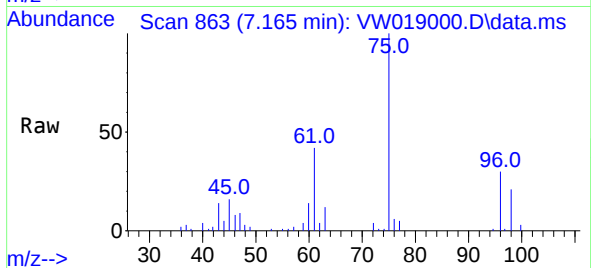
#22
2-Butanone
Concen: 3.36 ug/L m
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

Tgt Ion: 43 Resp: 6247
Ion Ratio Lower Upper
43 100
72 1.4 14.9 44.7#

Instrument :
MSVOA_W
ClientSampleId :
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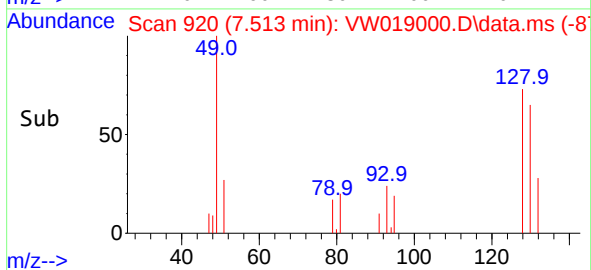
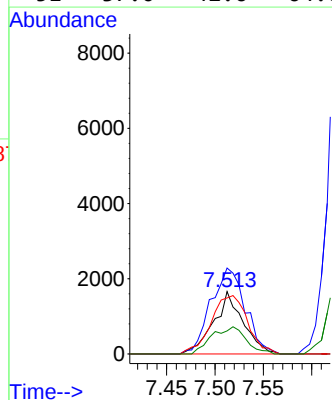
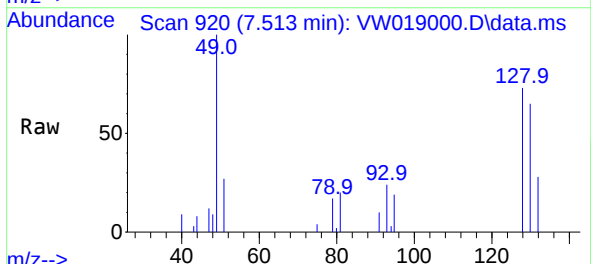
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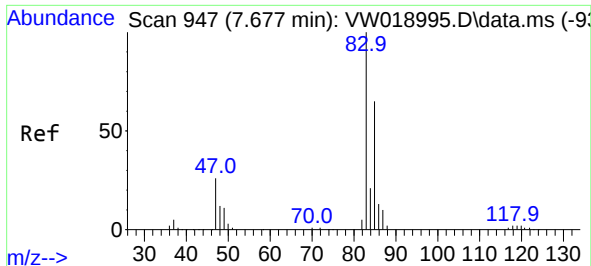
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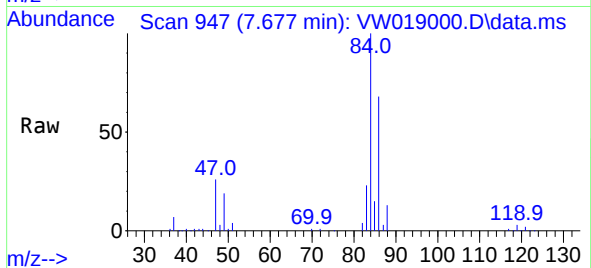
#23
Bromochloromethane
Concen: 0.92 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

Tgt Ion: 128 Resp: 3491
Ion Ratio Lower Upper
128 100
49 137.8 116.3 215.9
130 89.8 82.4 153.0
51 37.0 42.6 64.0#

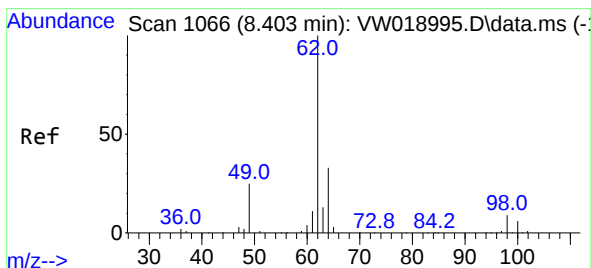
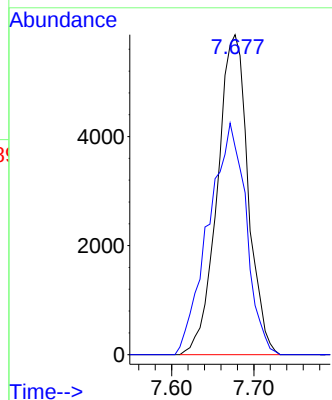
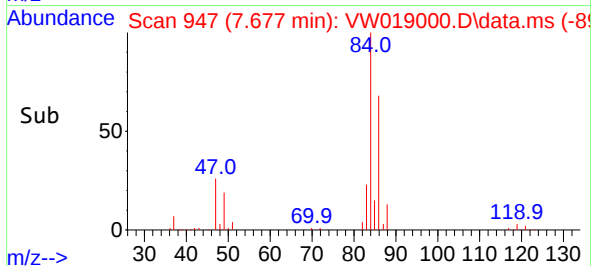




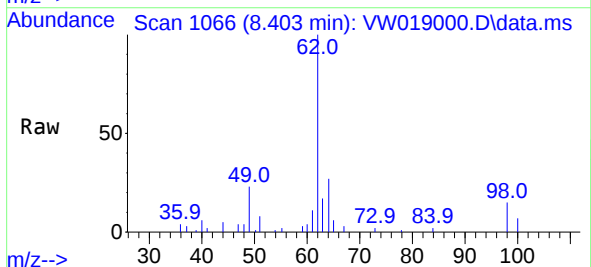
#25
Chloroform
Concen: 1.02 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51



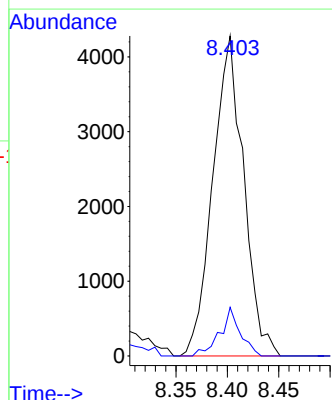
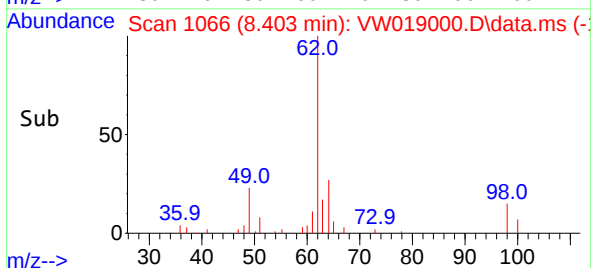
Tgt Ion: 83 Resp: 15265
Ion Ratio Lower Upper
83 100
85 65.0 44.6 82.8



#27
1,2-Dichloroethane
Concen: 0.95 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51



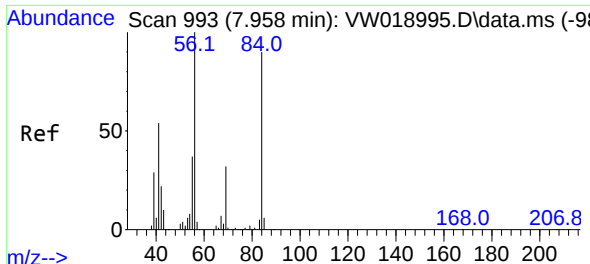
Tgt Ion: 62 Resp: 8917
Ion Ratio Lower Upper
62 100
98 15.2 6.9 10.3#



Instrument :
MSVOA_W
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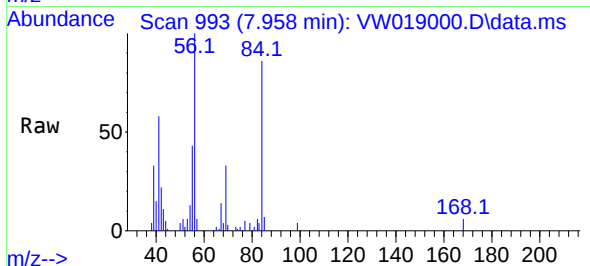
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#29
Cyclohexane
Concen: 0.93 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

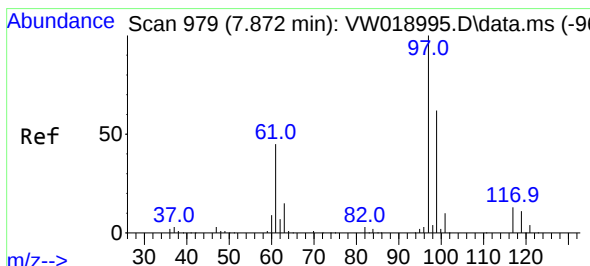
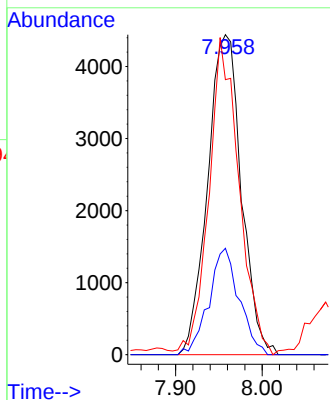
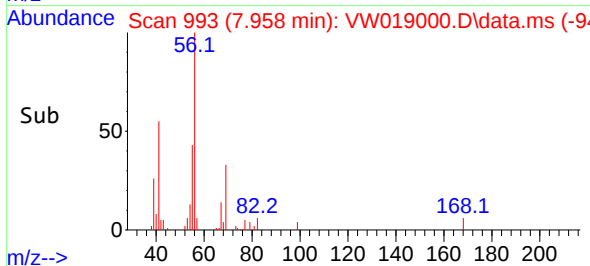
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05



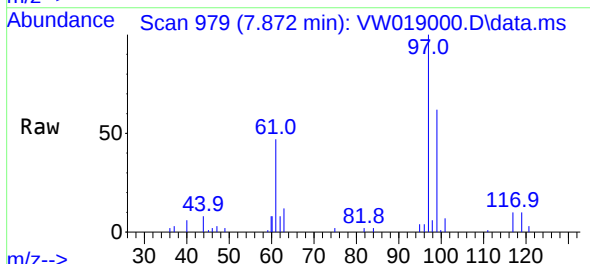
Tgt Ion:	56	Resp:	12006
Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.5	36.7
84	88.4	75.0	112.4

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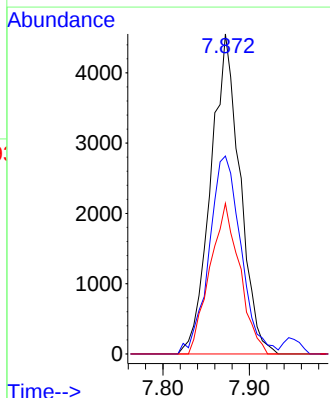
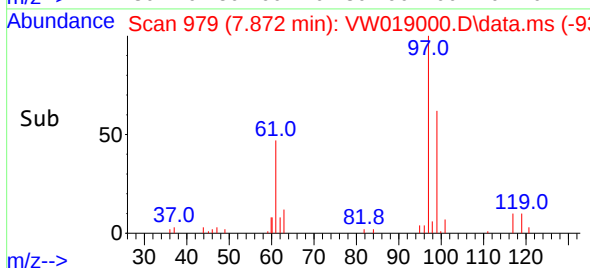
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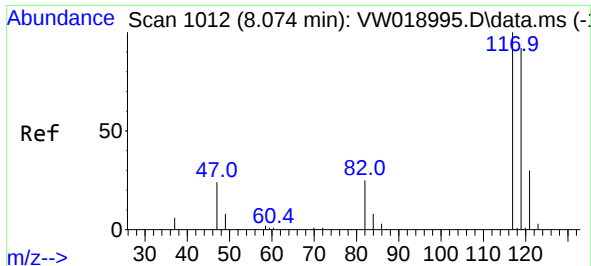


#30
1,1,1-Trichloroethane
Concen: 0.91 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51



Tgt Ion:	97	Resp:	10674
Ion	Ratio	Lower	Upper
97	100		
99	67.5	51.4	77.2
61	48.0	37.8	56.6





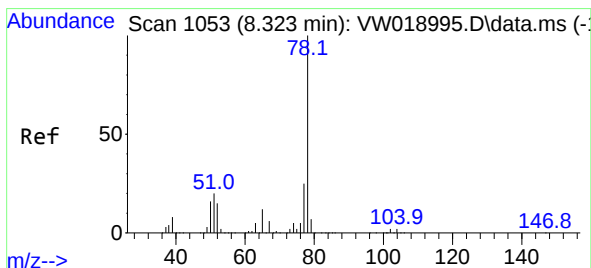
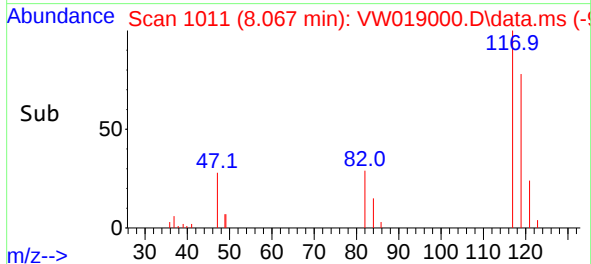
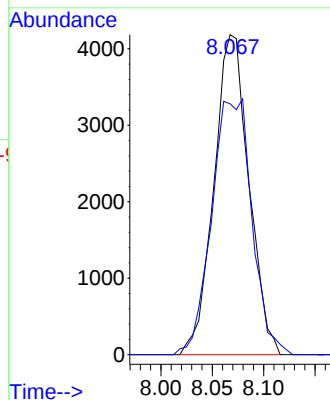
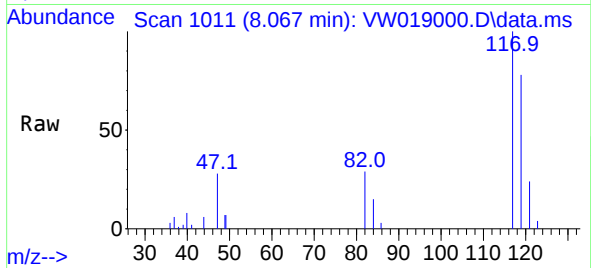
#31
Carbon tetrachloride
Concen: 0.93 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

Tgt Ion: 117 Resp: 9892
Ion Ratio Lower Upper
117 100
119 60.3 76.5 114.7#

Instrument :
MSVOA_W
ClientSampleId :
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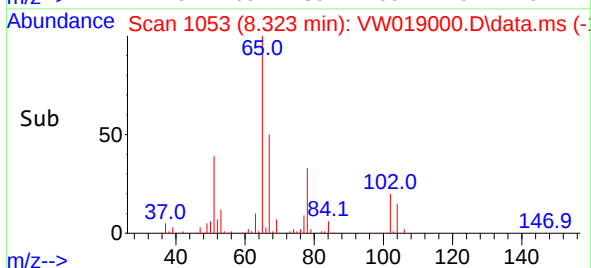
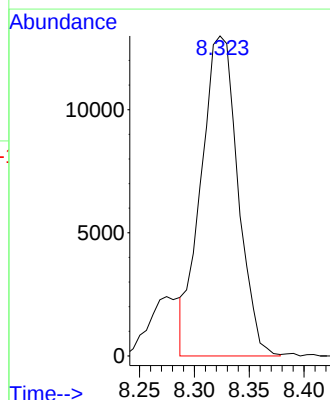
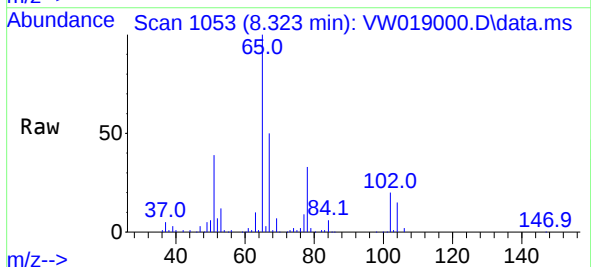
Manual Integrations
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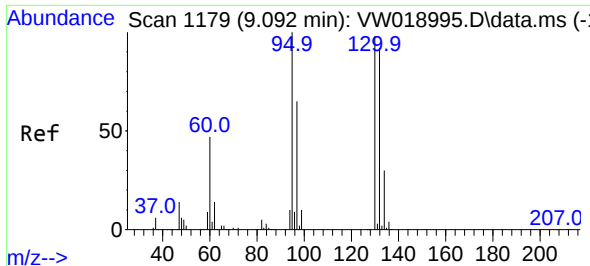
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#33
Benzene
Concen: 0.92 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

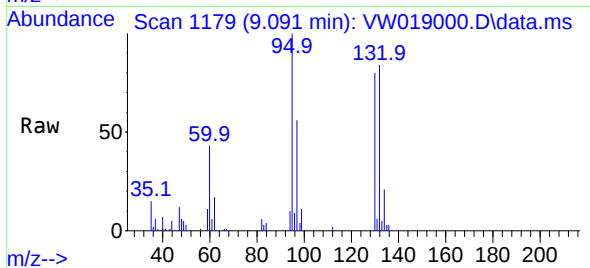
Tgt Ion: 78 Resp: 30408





#34
Trichloroethene
Concen: 1.01 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

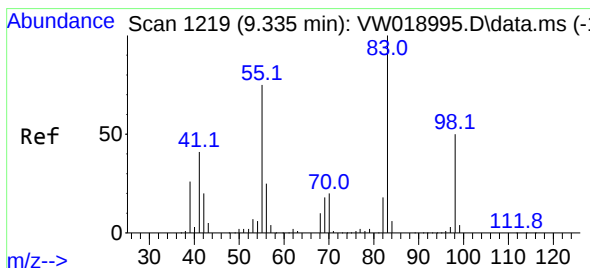
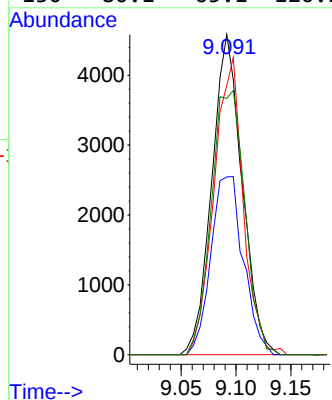
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05



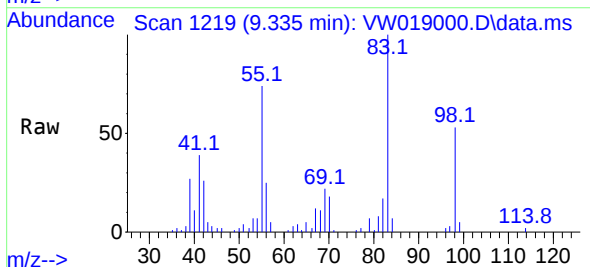
Tgt Ion	95	Resp:	8825
Ion	Ratio	Lower	Upper
95	100		
97	55.6	47.3	87.8
132	84.1	71.0	131.8
130	80.1	65.1	120.9

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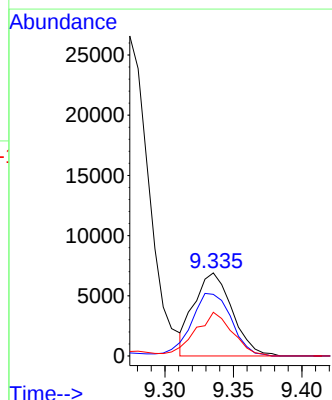
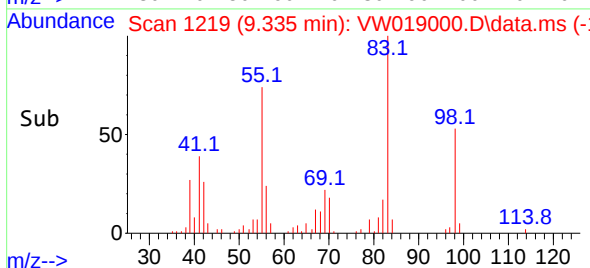
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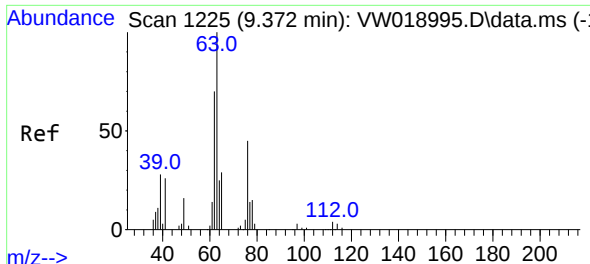


#35
Methylcyclohexane
Concen: 0.88 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51



Tgt Ion	83	Resp:	13347
Ion	Ratio	Lower	Upper
83	100		
55	79.4	58.9	88.3
98	51.5	40.1	60.1





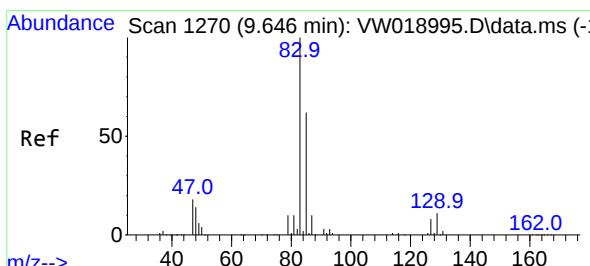
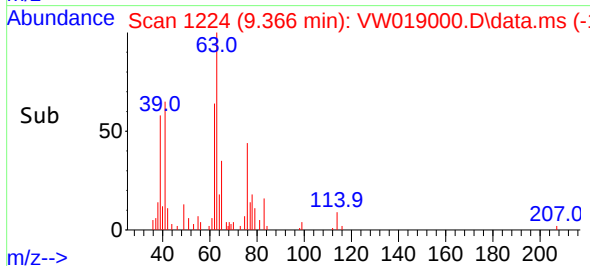
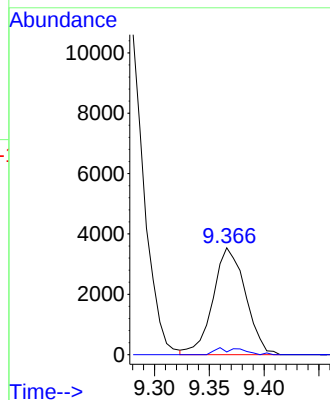
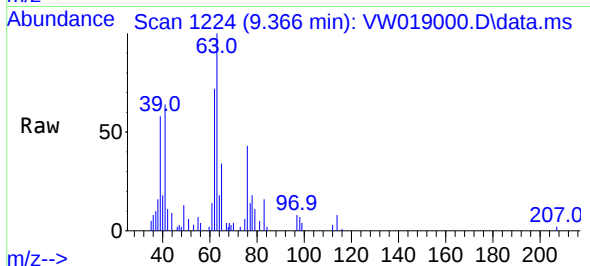
#37
1,2-Dichloropropane
Concen: 0.92 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

Tgt Ion: 63 Resp: 7303
Ion Ratio Lower Upper
63 100
112 2.2 3.9 5.9#

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05

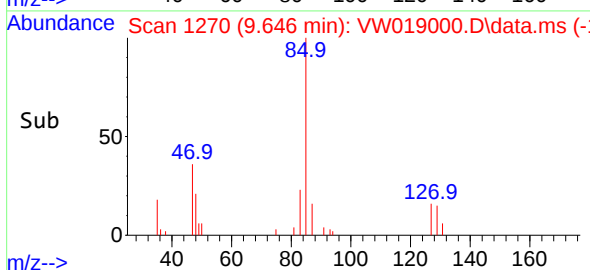
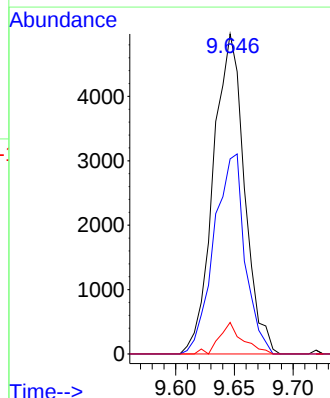
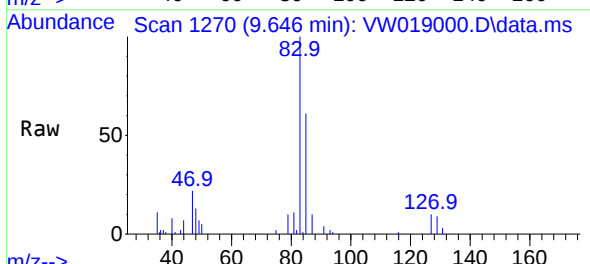
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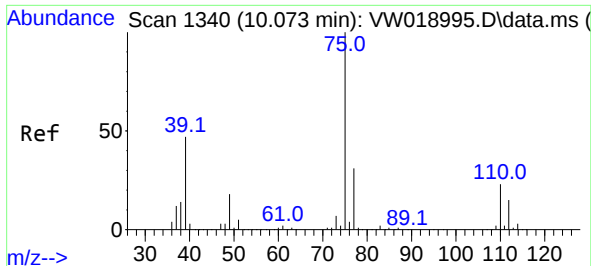
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#38
Bromodichloromethane
Concen: 0.89 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

Tgt Ion: 83 Resp: 9161
Ion Ratio Lower Upper
83 100
85 61.0 42.3 78.5
127 9.8 6.6 9.8#





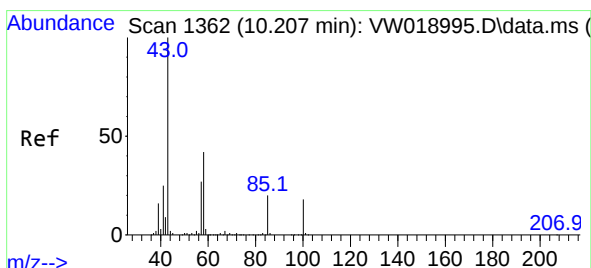
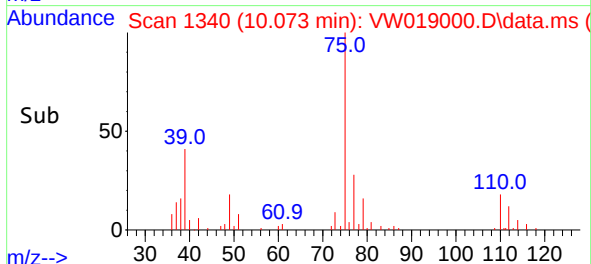
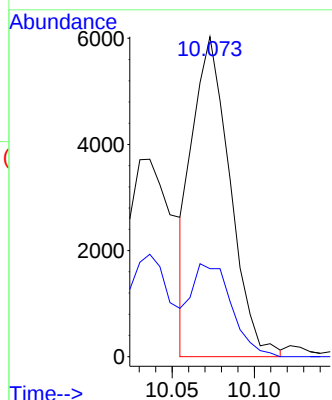
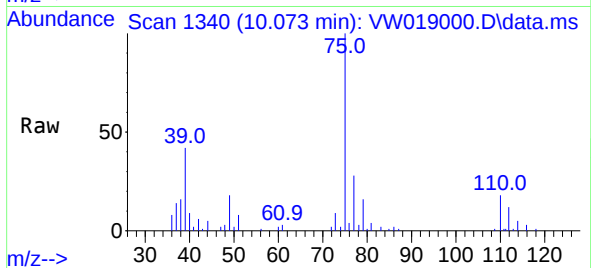
#39
cis-1,3-Dichloropropene
Concen: 0.81 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

Tgt Ion: 75 Resp: 9617
Ion Ratio Lower Upper
75 100
77 27.5 22.6 42.0

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05

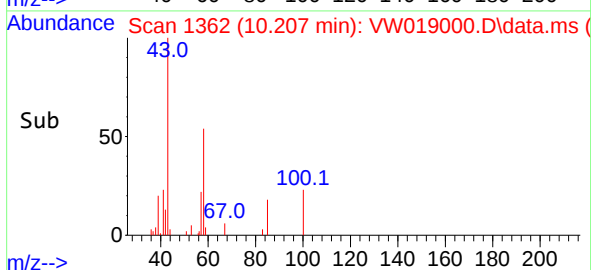
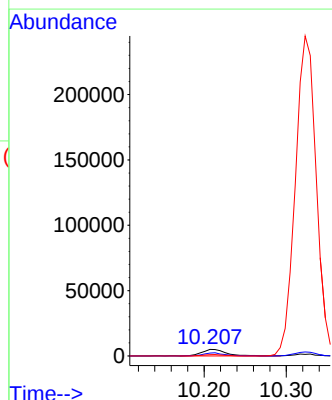
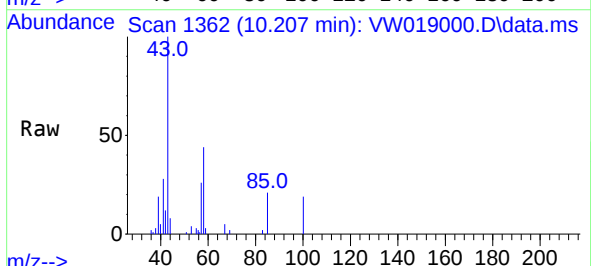
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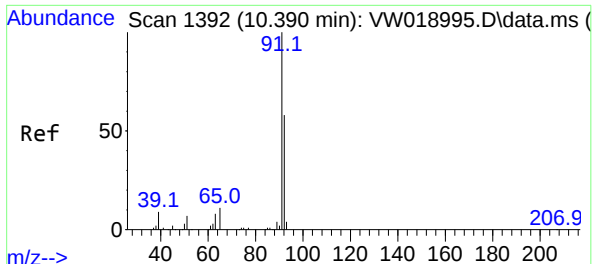
MMDadoda
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#40
4-Methyl-2-pentanone
Concen: 2.55 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

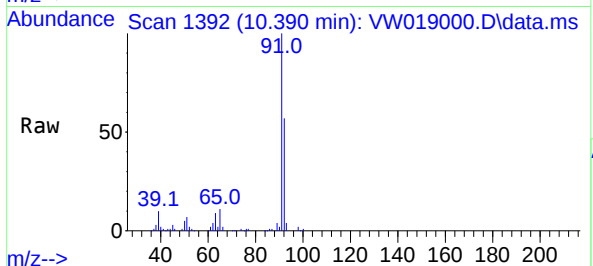
Tgt Ion: 43 Resp: 10475
Ion Ratio Lower Upper
43 100
58 41.0 31.0 46.4
100 17.9 13.0 19.6





#42
Toluene
Concen: 1.20 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

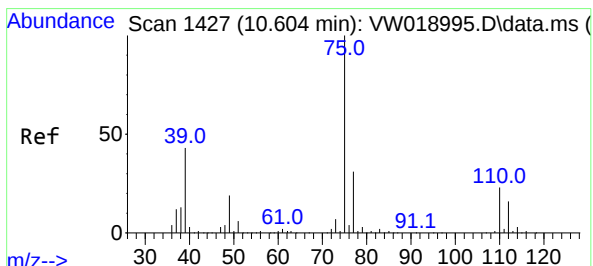
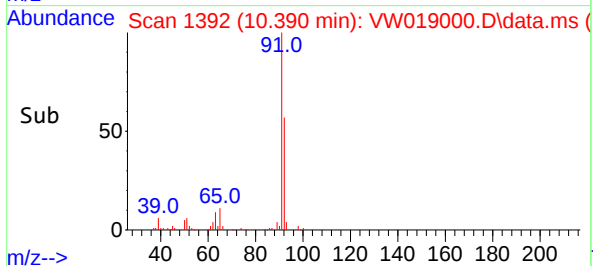
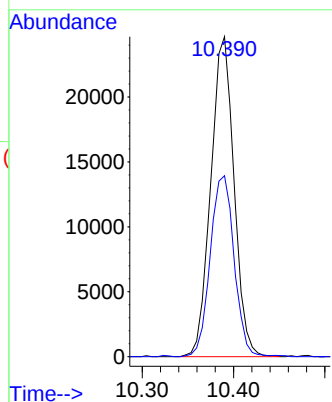
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05



Tgt Ion: 91 Resp: 43596
Ion Ratio Lower Upper
91 100
92 56.6 39.5 73.3

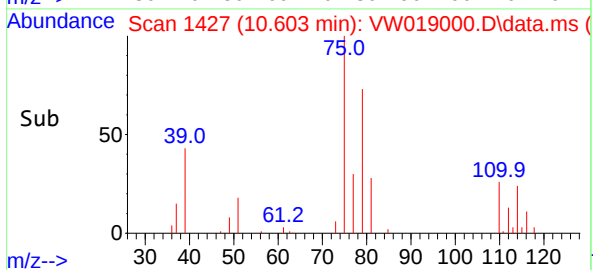
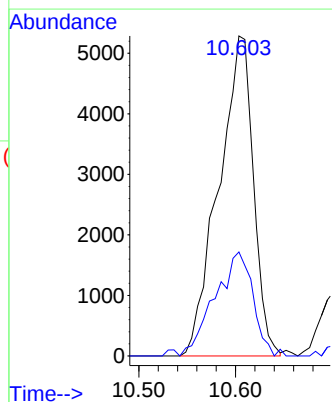
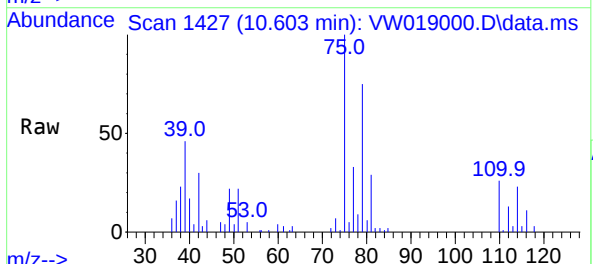
Manual Integrations
APPROVED

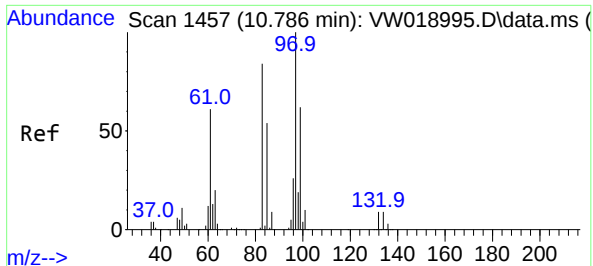
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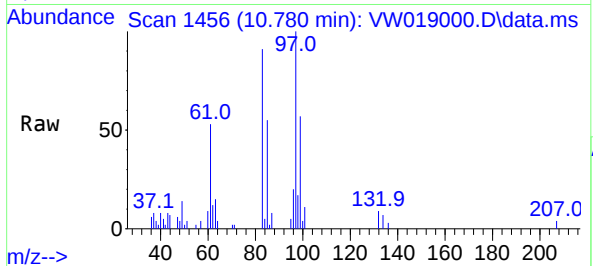
#44
trans-1,3-Dichloropropene
Concen: 1.27 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.001 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

Tgt Ion: 75 Resp: 13163
Ion Ratio Lower Upper
75 100
77 32.5 21.1 39.1

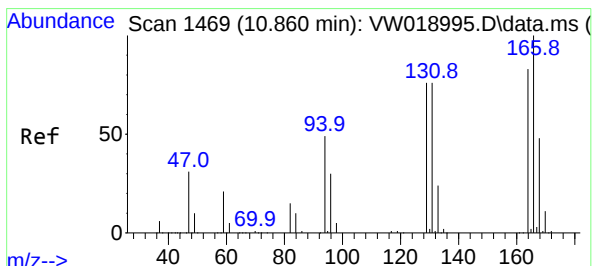
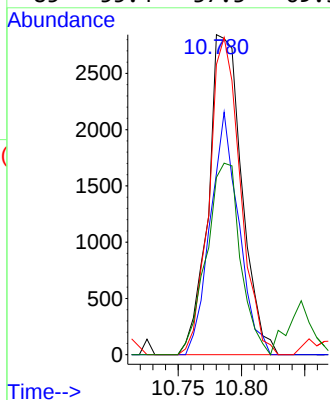
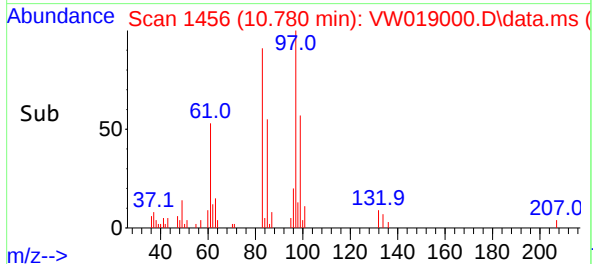




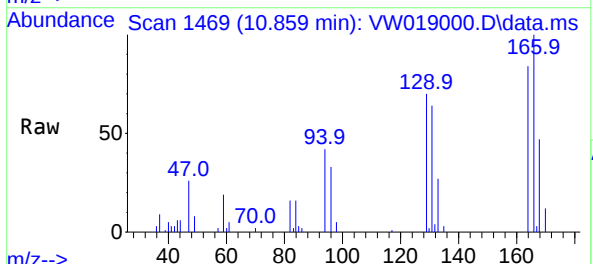
#45
1,1,2-Trichloroethane
Concen: 0.90 ug/L
RT: 10.780 min Scan# 1456
Delta R.T. -0.006 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51



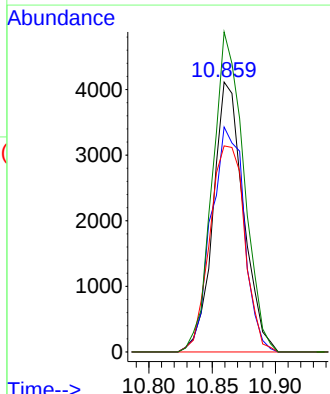
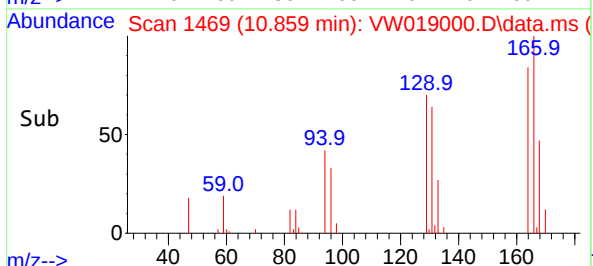
Tgt Ion:	97	Resp:	5251
Ion	Ratio	Lower	Upper
97	100		
99	56.6	45.1	83.7
83	90.7	58.1	107.9
85	55.4	37.3	69.3



#46
Tetrachloroethene
Concen: 0.99 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.001 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51



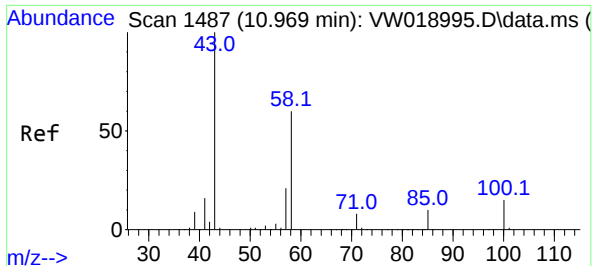
Tgt Ion:	164	Resp:	6858
Ion	Ratio	Lower	Upper
164	100		
129	83.3	66.7	123.9
131	76.3	61.1	113.5
166	118.5	87.0	161.6



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05

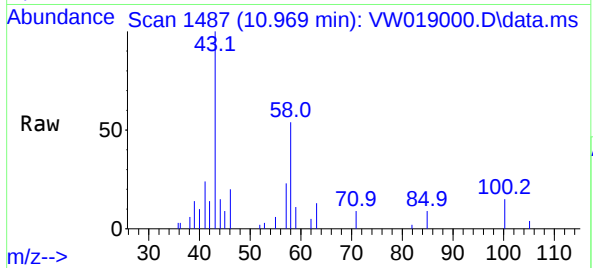
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#48
2-Hexanone
Concen: 1.85 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

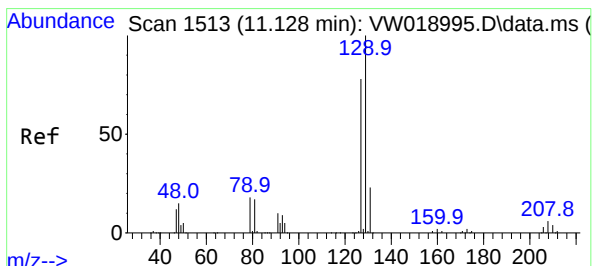
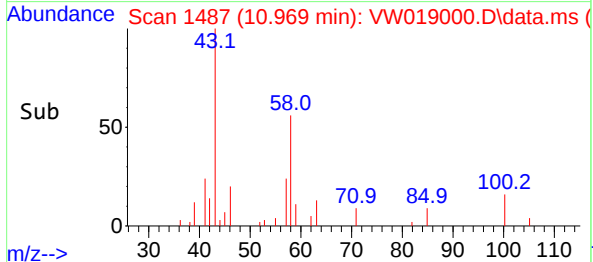
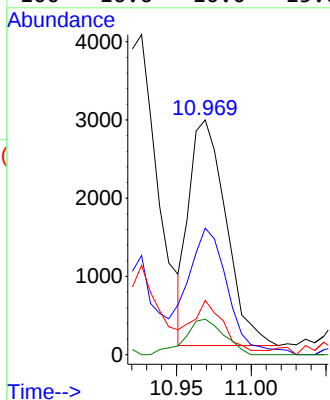
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05



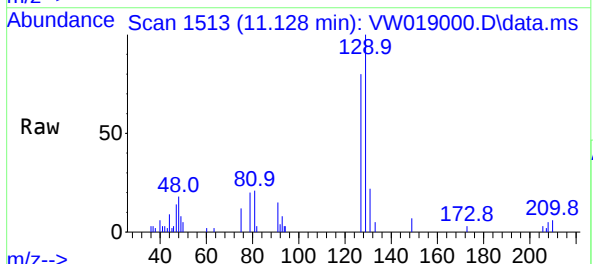
Tgt Ion:	43	Resp:	4956
Ion	Ratio	Lower	Upper
43	100		
58	61.5	42.7	64.1
57	21.4	15.8	23.8
100	16.6	10.0	15.0

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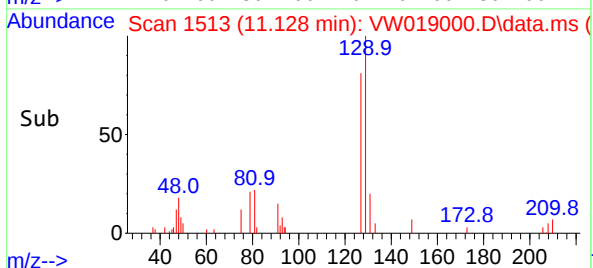
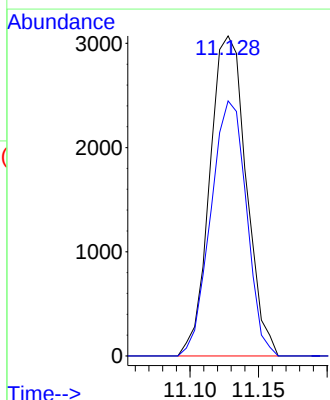
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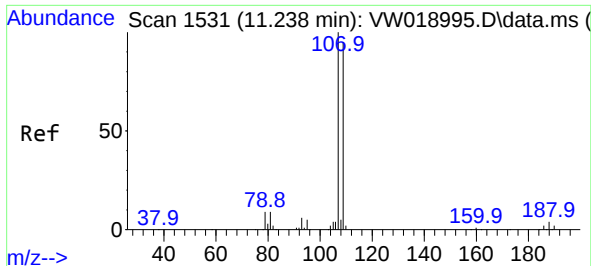


#49
Dibromochloromethane
Concen: 0.87 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51



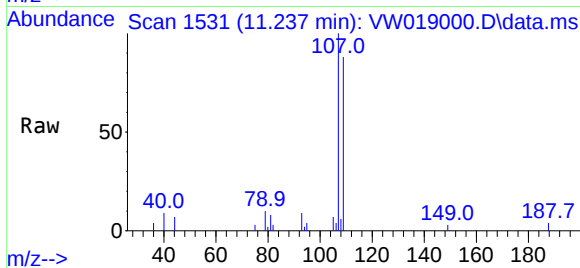
Tgt Ion:	129	Resp:	5684
Ion	Ratio	Lower	Upper
129	100		
127	79.7	51.7	95.9





#50
1,2-Dibromoethane
Concen: 0.90 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

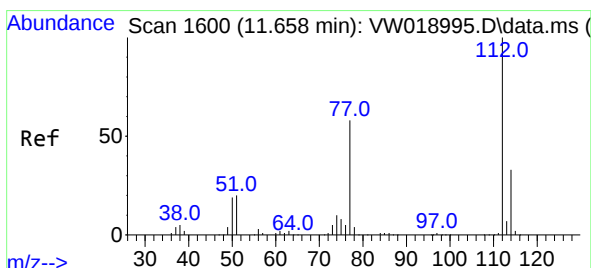
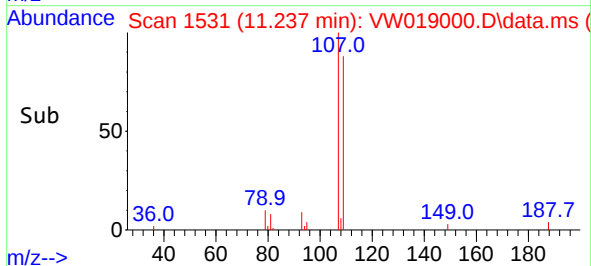
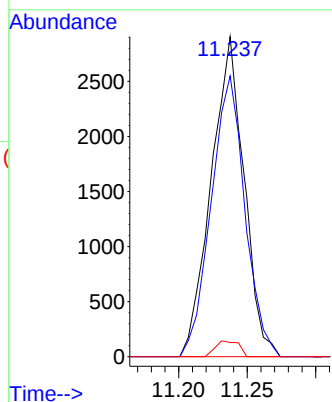
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05



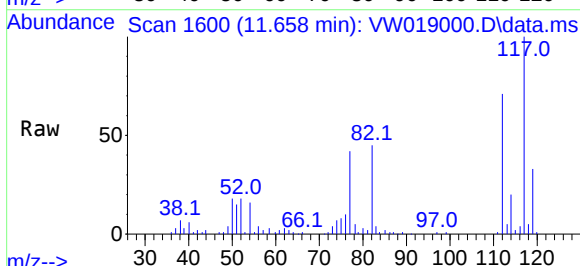
Tgt Ion:107 Resp: 4857
Ion Ratio Lower Upper
107 100
109 87.7 65.4 121.4
188 4.4 2.6 4.0#

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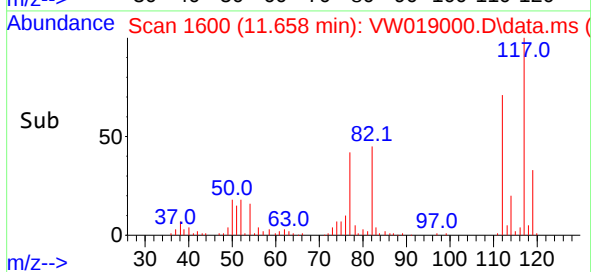
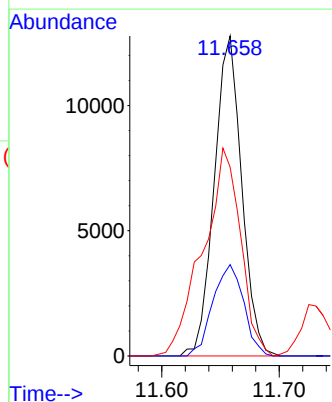
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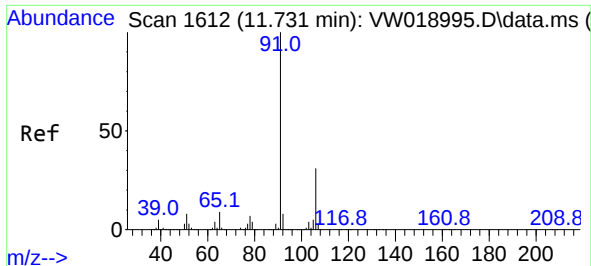


#51
Chlorobenzene
Concen: 0.93 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51



Tgt Ion:112 Resp: 20758
Ion Ratio Lower Upper
112 100
114 28.6 23.4 43.6
77 59.0 47.6 71.4





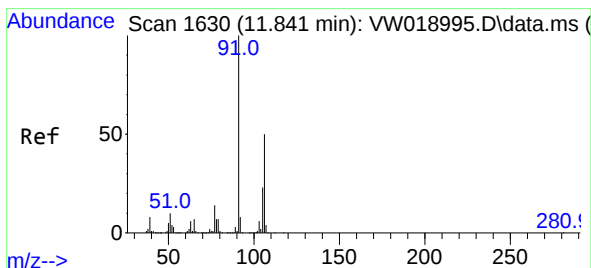
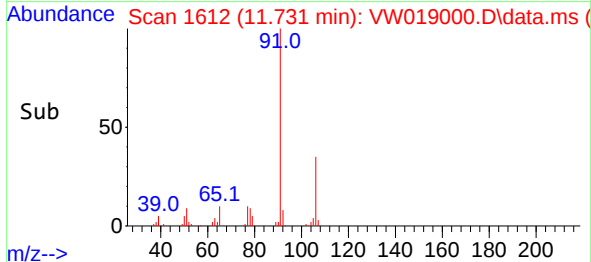
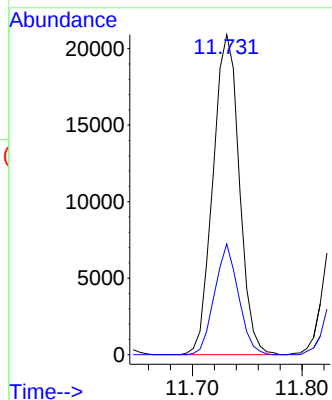
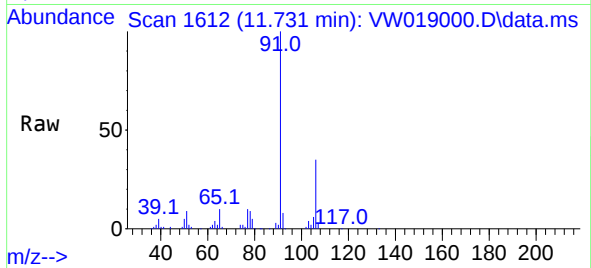
#52
Ethylbenzene
Concen: 0.87 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

Tgt Ion: 91 Resp: 34921
Ion Ratio Lower Upper
91 100
106 34.6 22.5 41.7

Instrument :
MSVOA_W
ClientSampleId :
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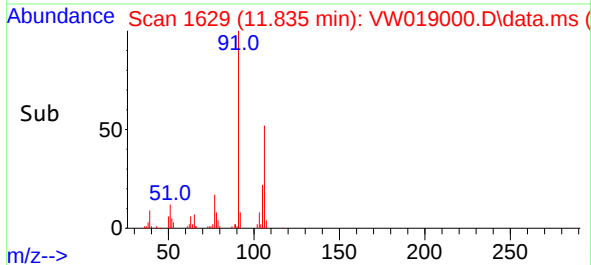
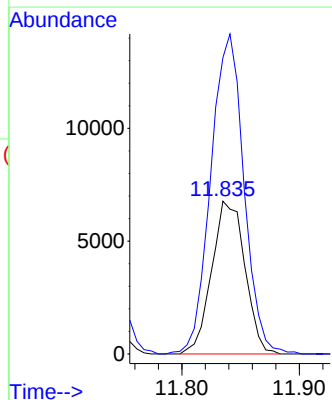
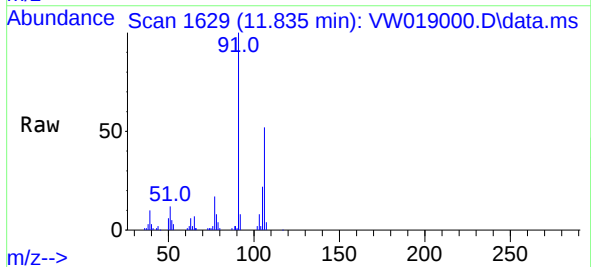
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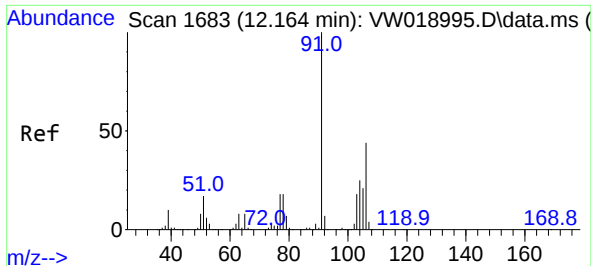
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#53
m,p-Xylene
Concen: 0.88 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

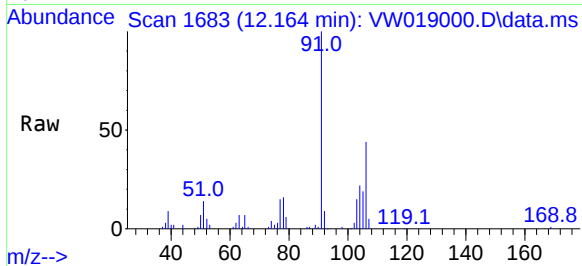
Tgt Ion: 106 Resp: 13281
Ion Ratio Lower Upper
106 100
91 194.0 141.3 262.3





#54
o-Xylene
Concen: 0.83 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

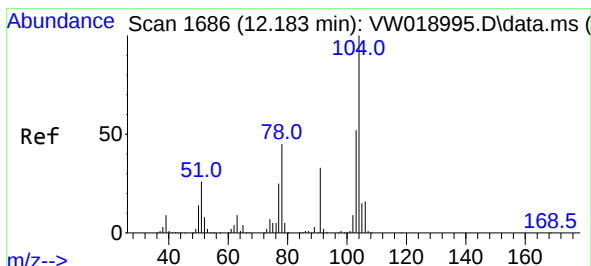
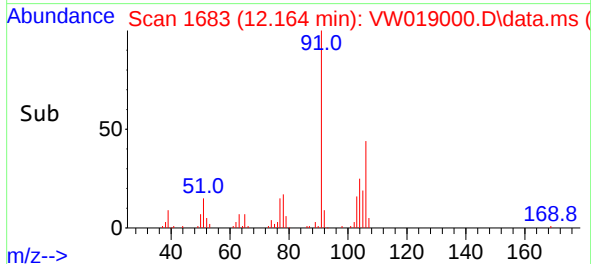
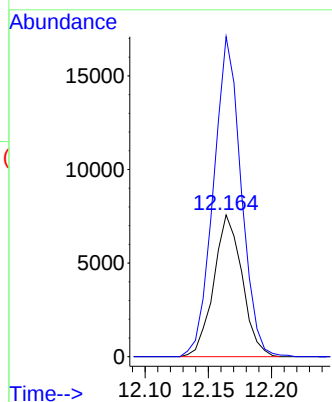
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05



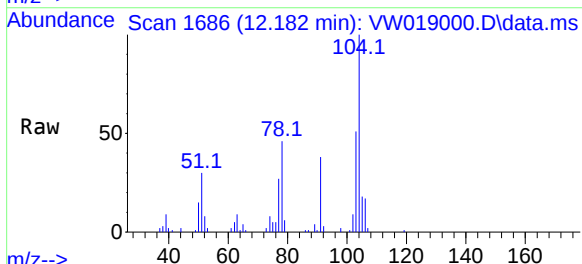
Tgt Ion:106 Resp: 11809
Ion Ratio Lower Upper
106 100
91 225.8 150.0 278.6

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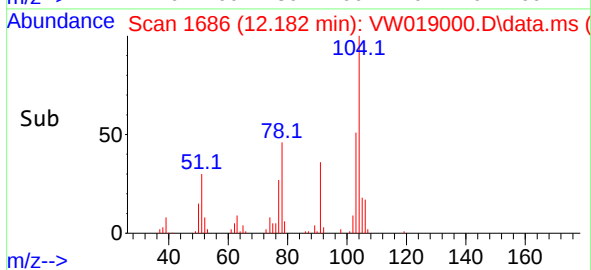
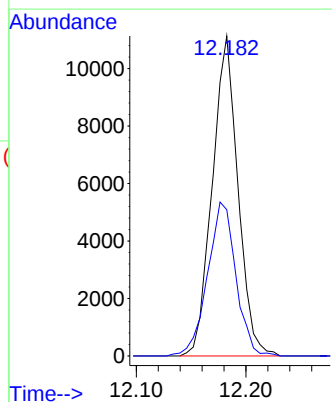
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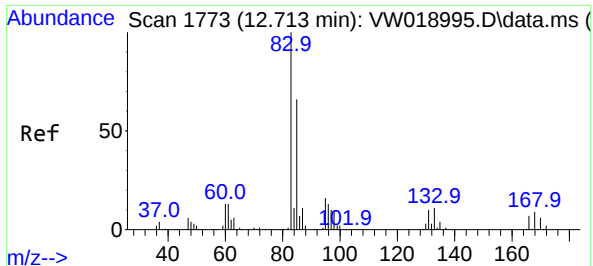


#55
Styrene
Concen: 0.75 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51



Tgt Ion:104 Resp: 18135
Ion Ratio Lower Upper
104 100
78 45.7 32.5 60.3





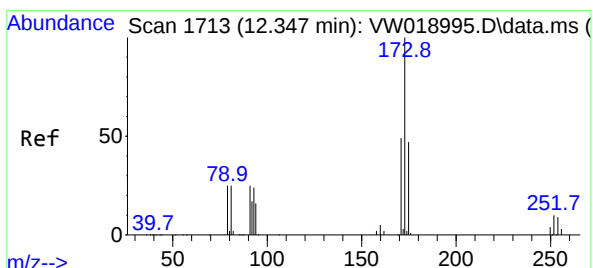
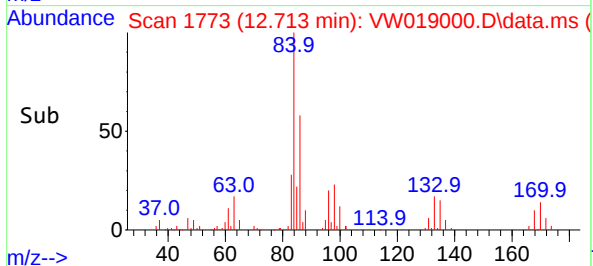
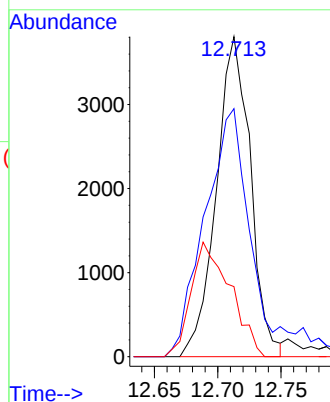
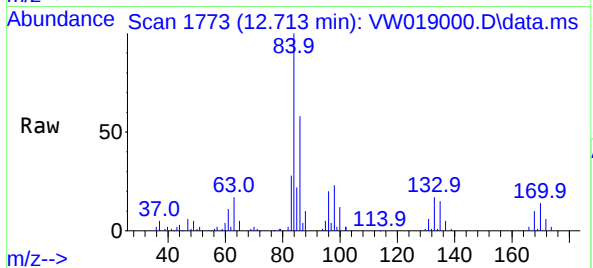
#57
1,1,2,2-Tetrachloroethane
Concen: 1.07 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

Tgt Ion:	83	Resp:	7130
Ion	Ratio	Lower	Upper
83	100		
85	77.5	44.4	82.4
131	21.9	8.2	12.4#

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05

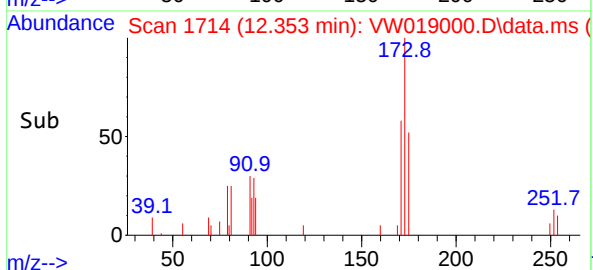
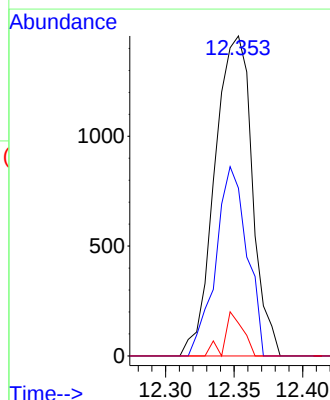
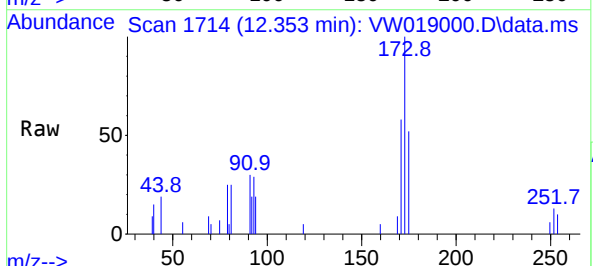
Manual Integrations
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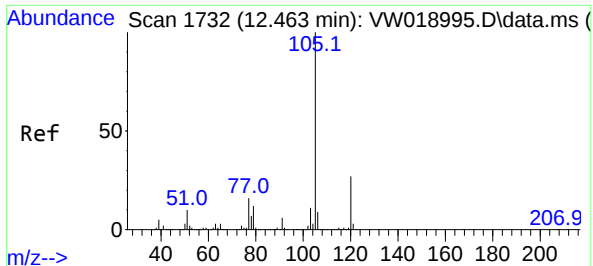
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#59
Bromoform
Concen: 0.81 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

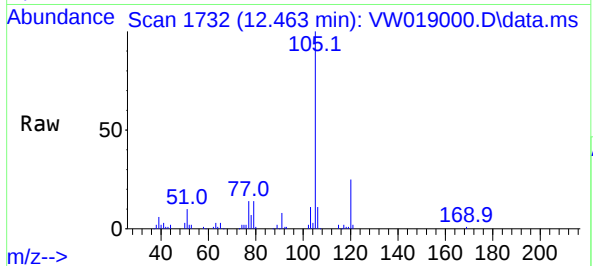
Tgt Ion:	173	Resp:	2770
Ion	Ratio	Lower	Upper
173	100		
175	49.4	37.5	56.3
254	5.8	7.0	10.4#





#60
Isopropylbenzene
Concen: 0.85 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

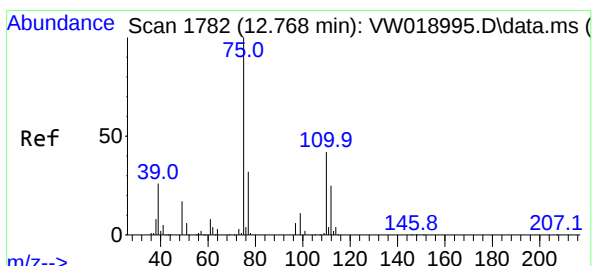
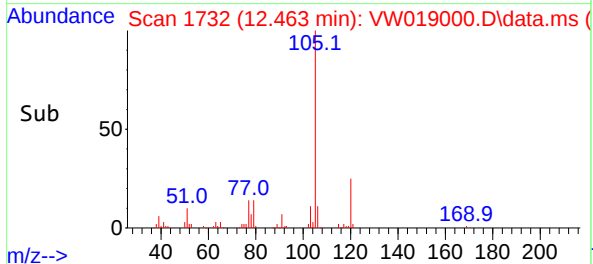
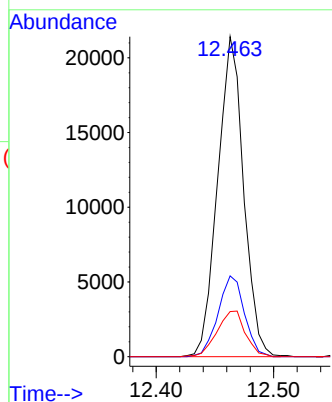
Instrument :
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ClientSampleId :
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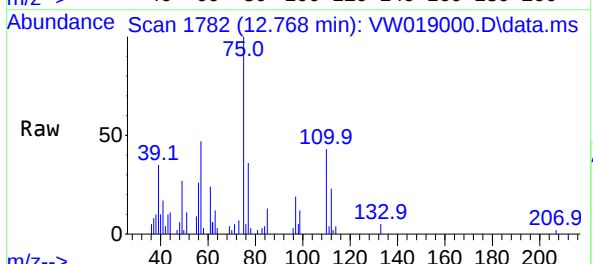
Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.7	21.1	31.7
77	15.6	13.2	19.8

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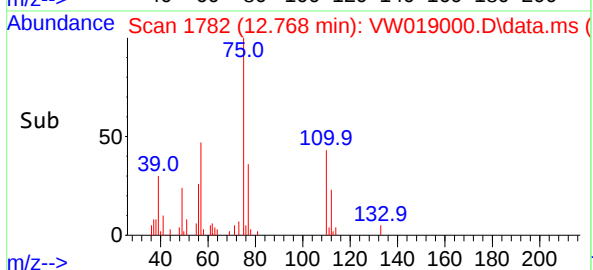
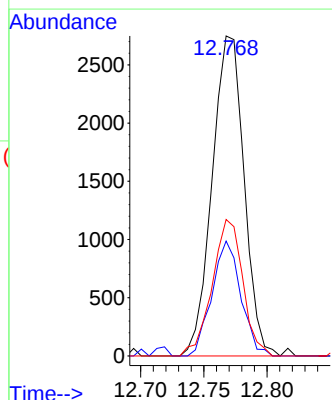
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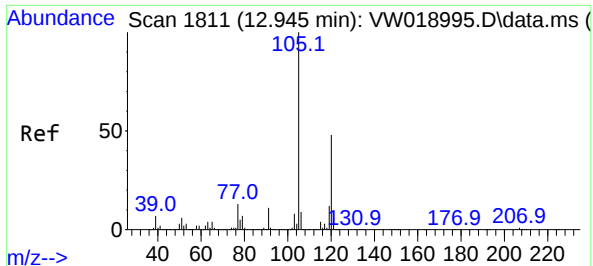


#61
1,2,3-Trichloropropane
Concen: 1.01 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51



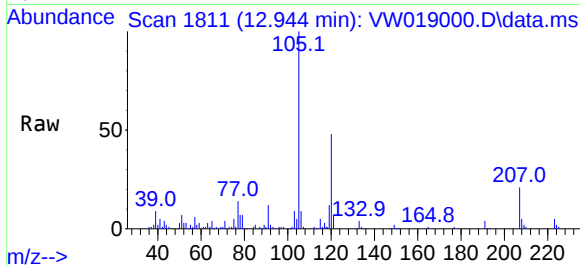
Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.3	37.9
110	40.9	32.6	48.8





#62
1,3,5-Trimethylbenzene
Concen: 0.85 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

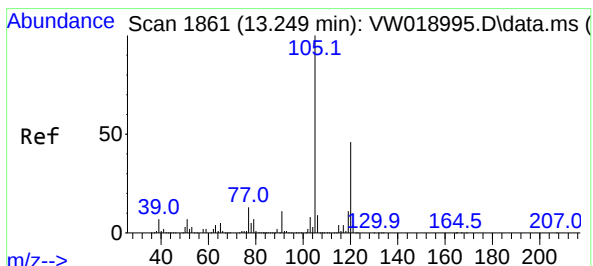
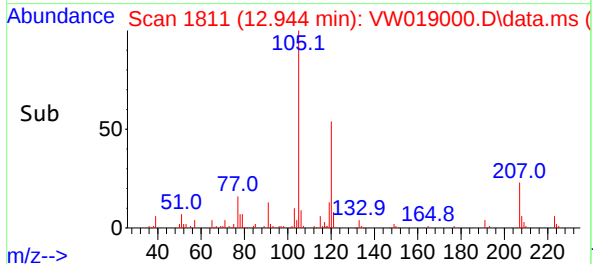
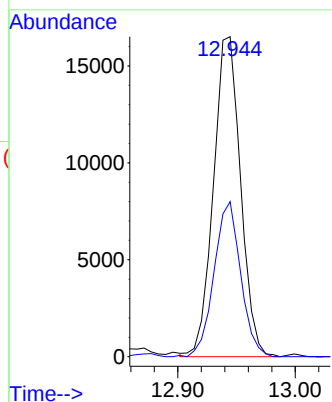
Instrument :
MSVOA_W
ClientSampleId :
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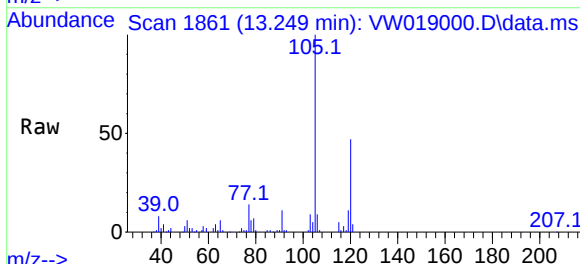
Tgt Ion:105 Resp: 26489
Ion Ratio Lower Upper
105 100
120 47.4 39.0 58.6

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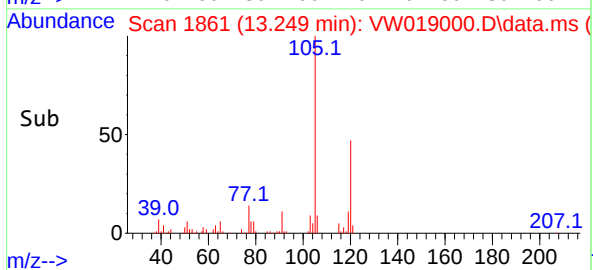
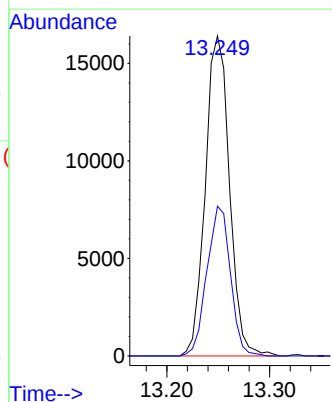
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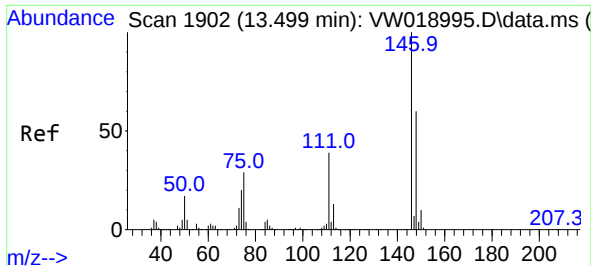


#63
1,2,4-Trimethylbenzene
Concen: 0.85 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51



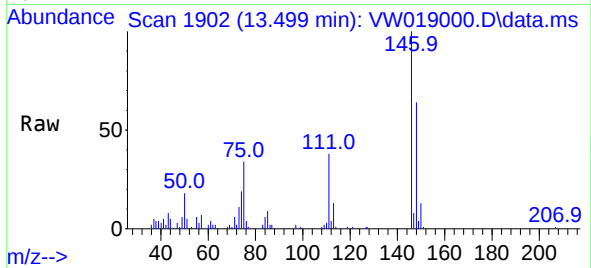
Tgt Ion:105 Resp: 26781
Ion Ratio Lower Upper
105 100
120 45.5 35.6 53.4





#64
1,3-Dichlorobenzene
Concen: 0.92 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

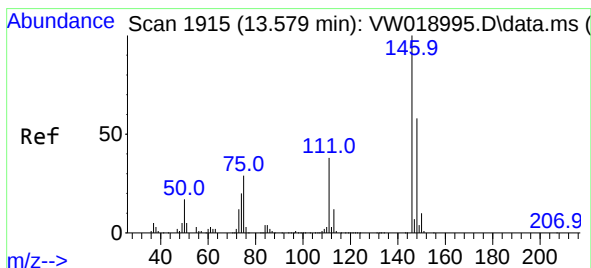
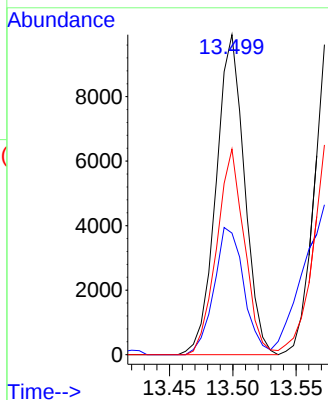
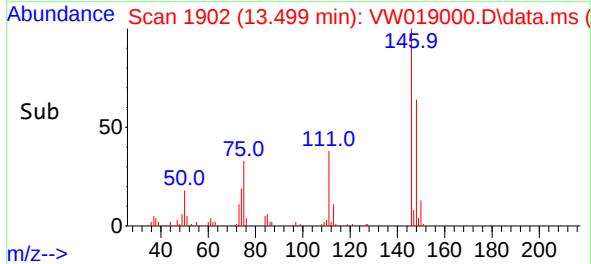
Instrument :
MSVOA_W
ClientSampleId :
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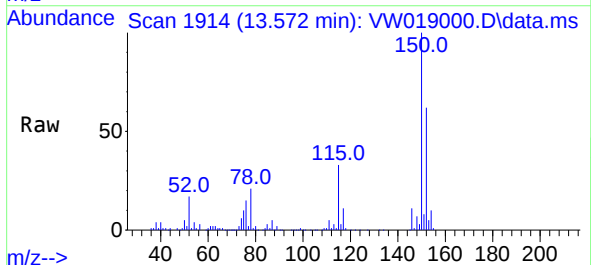
Tgt Ion:146 Resp: 15454
Ion Ratio Lower Upper
146 100
111 38.0 26.7 49.7
148 64.3 41.1 76.3

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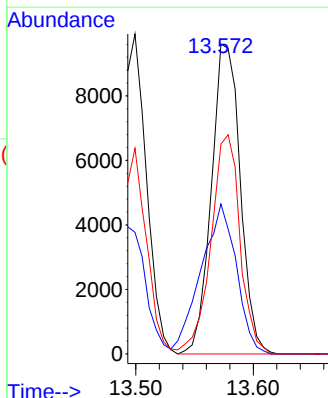
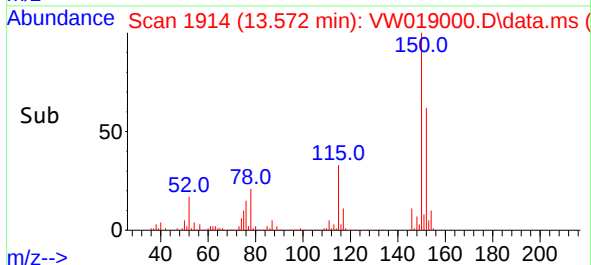
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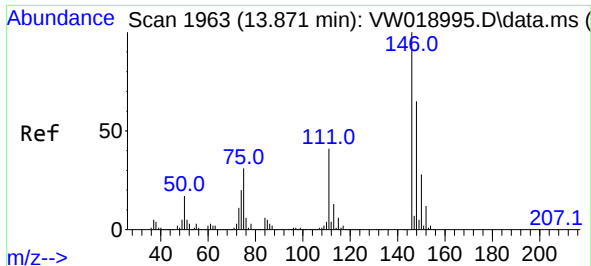


#65
1,4-Dichlorobenzene
Concen: 0.98 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51



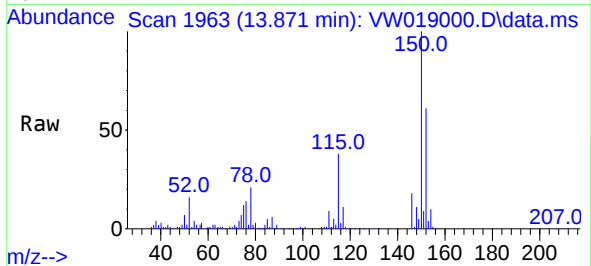
Tgt Ion:146 Resp: 16423
Ion Ratio Lower Upper
146 100
111 48.3 28.8 53.4
148 67.6 46.8 87.0





#67
1,2-Dichlorobenzene
Concen: 0.97 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

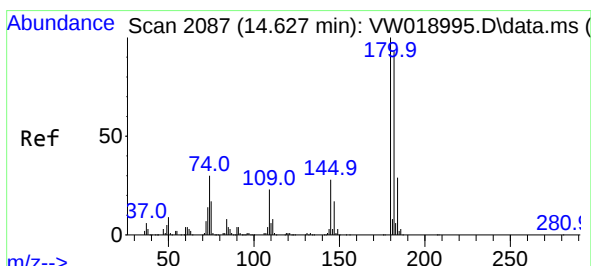
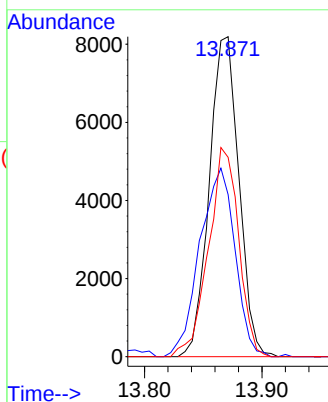
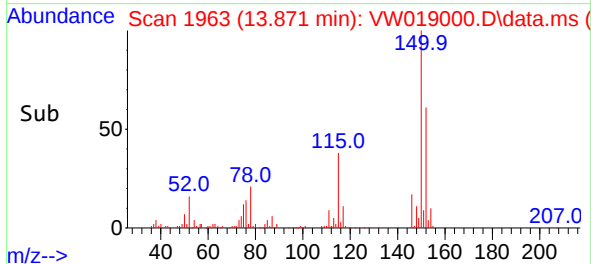
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05



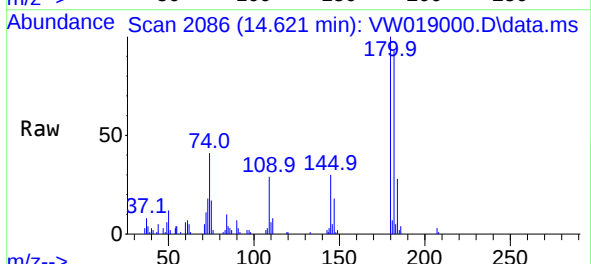
Tgt Ion:146 Resp: 14324
Ion Ratio Lower Upper
146 100
111 50.7 33.2 49.8#
148 62.3 50.4 75.6

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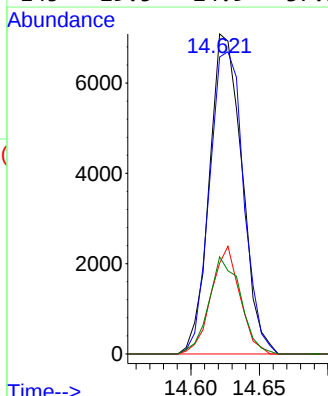
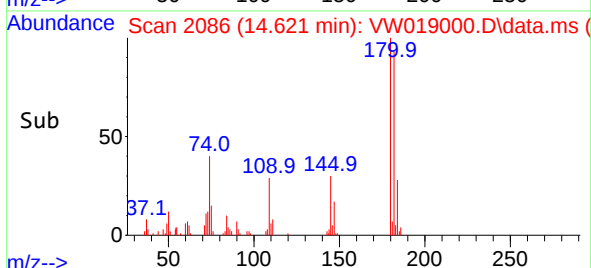
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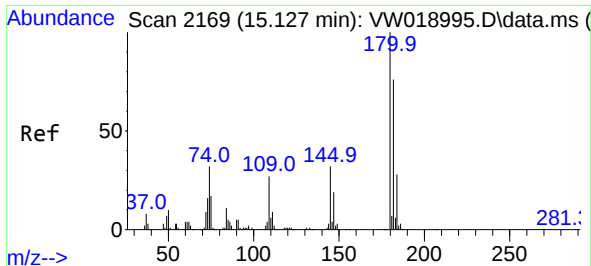


#69
1,3,5-Trichlorobenzene
Concen: 0.96 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51

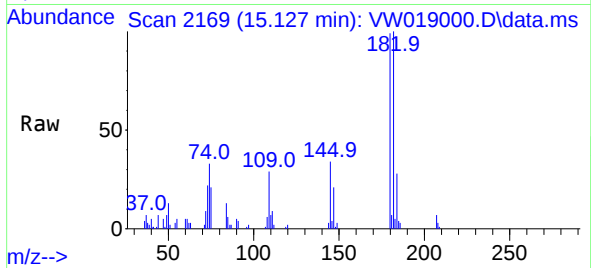


Tgt Ion:180 Resp: 11741
Ion Ratio Lower Upper
180 100
182 98.2 73.4 110.2
184 29.5 23.6 35.4
145 29.5 24.9 37.3

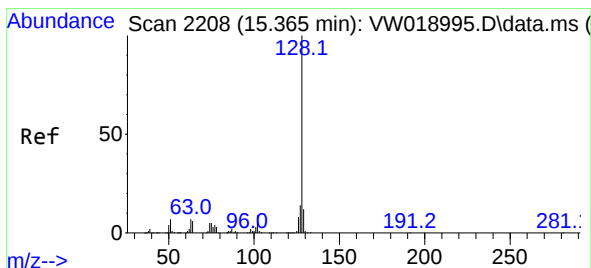
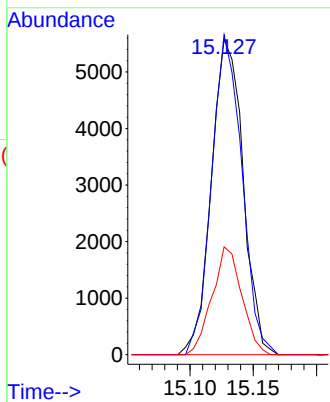
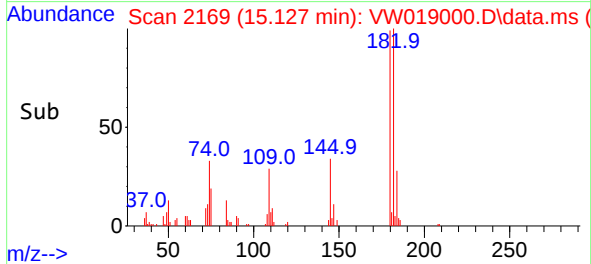




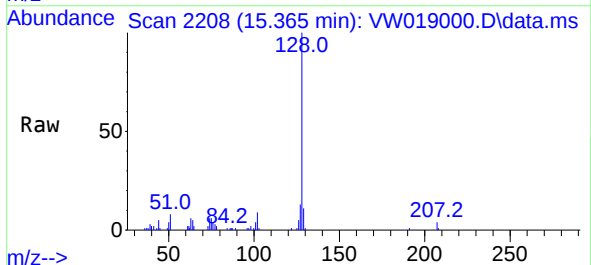
#70
1,2,4-trichlorobenzene
Concen: 1.00 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51



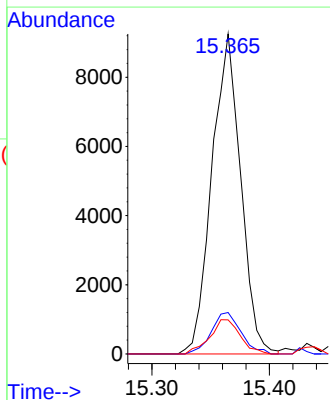
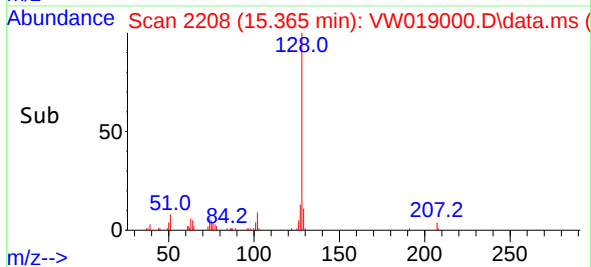
Tgt Ion:180 Resp: 9714
Ion Ratio Lower Upper
180 100
182 96.7 74.7 112.1
145 32.1 25.0 37.4



#71
Naphthalene
Concen: 0.89 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019000.D
Acq: 14 May 2021 15:51



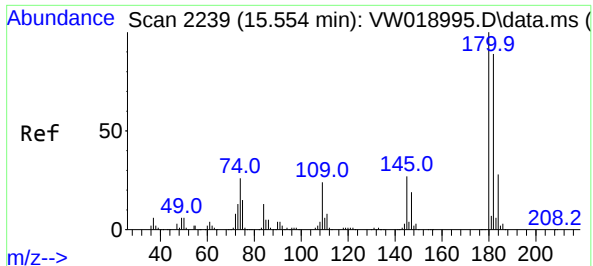
Tgt Ion:128 Resp: 15751
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.3 9.0 13.6



Instrument :
MSVOA_W
ClientSampleId :
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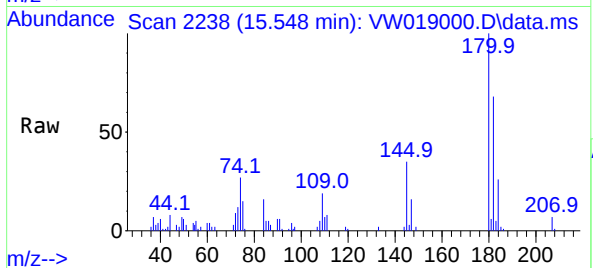
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#72
 1,2,3-Trichlorobenzene
 Concen: 1.08 ug/L
 RT: 15.548 min Scan# 2238
 Delta R.T. -0.006 min
 Lab File: VW019000.D
 Acq: 14 May 2021 15:51

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2021-05



Tgt Ion:	180	Resp:	9226
Ion Ratio	Lower	Upper	
180	100		
182	91.6	76.7	115.1
145	31.6	28.9	43.3

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