

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051721\
 Data File : VW019007.D
 Acq On : 17 May 2021 10:50
 Operator : SY/VA
 Sample : M2250-04
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
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 5/21/2021 6:46:56 PM

Quant Time: May 18 01:19:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 18 01:12:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	581828	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	538555	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	257277	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	136021	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.92%
7) Chloroethane-d5	2.892	69	121000	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.76%
11) 1,1-Dichloroethene-d2	4.026	63	211112	15.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.48%
21) 2-Butanone-d5	7.080	46	80691	51.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.50%
24) Chloroform-d	7.653	84	325742	21.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.52%
26) 1,2-Dichloroethane-d4	8.305	65	181393	23.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.76%
32) Benzene-d6	8.275	84	661565	22.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.04%
36) 1,2-Dichloropropane-d6	9.275	67	200671	22.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.08%
41) Toluene-d8	10.323	98	610162	21.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloroprop...	10.579	79	83868	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.56%
47) 2-Hexanone-d5	10.927	63	66328	50.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.82%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	157967	23.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.60%
66) 1,2-Dichlorobenzene-d4	13.853	152	203907	22.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.76%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	4655	0.78	ug/L #	85
3) Chloromethane	2.215	50	5718	0.96	ug/L	99
5) Vinyl chloride	2.367	62	9252	1.21	ug/L #	53
6) Bromomethane	2.782	94	6713	1.06	ug/L	89
8) Chloroethane	2.928	64	5725	1.07	ug/L	89
9) Trichlorofluoromethane	3.270	101	4616	0.83	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	8958	1.17	ug/L #	68
12) 1,1-Dichloroethene	4.050	96	8911	1.19	ug/L #	1
13) Acetone	4.135	43	4056m	3.07	ug/L	
14) Carbon disulfide	4.391	76	19841	0.95	ug/L	96
15) Methyl Acetate	4.678	43	2557m	0.94	ug/L	
16) Methylene chloride	4.922	84	12290	1.26	ug/L	96
17) trans-1,2-Dichloroethene	5.434	96	8193	1.00	ug/L	93
18) Methyl tert-butyl Ether	5.434	73	10142	1.03	ug/L #	63
19) 1,1-Dichloroethane	6.220	63	14719	1.03	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	8323	0.97	ug/L	94
23) Bromochloromethane	7.525	128	3729	1.01	ug/L	78
25) Chloroform	7.677	83	15783	1.07	ug/L	99
27) 1,2-Dichloroethane	8.403	62	9763	1.06	ug/L	98

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 Quant Title : SFAM01.0
 QLast Update : Tue May 18 01:12:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.952	56	12011	0.93	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	10989	0.94	ug/L	97
31) Carbon tetrachloride	8.074	117	10194	0.95	ug/L	96
33) Benzene	8.323	78	33108	1.00	ug/L	100
34) Trichloroethene	9.092	95	8859	1.01	ug/L	92
35) Methylcyclohexane	9.336	83	13495	0.89	ug/L	93
37) 1,2-Dichloropropane	9.372	63	7886	0.99	ug/L #	93
38) Bromodichloromethane	9.646	83	9714	0.94	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	10590	0.89	ug/L	93
40) 4-Methyl-2-pentanone	10.213	43	9816	2.39	ug/L	99
42) Toluene	10.390	91	43748	1.21	ug/L	95
44) trans-1,3-Dichloropropene	10.610	75	10151m	0.98	ug/L	
45) 1,1,2-Trichloroethane	10.786	97	5763	0.99	ug/L	92
46) Tetrachloroethene	10.866	164	6974	1.00	ug/L	95
48) 2-Hexanone	10.969	43	5944	2.22	ug/L	96
49) Dibromochloromethane	11.134	129	5996	0.92	ug/L	94
50) 1,2-Dibromoethane	11.238	107	5311	0.98	ug/L #	99
51) Chlorobenzene	11.658	112	20676	0.92	ug/L	88
52) Ethylbenzene	11.731	91	36746	0.91	ug/L	96
53) m,p-Xylene	11.841	106	13835	0.92	ug/L	92
54) o-Xylene	12.164	106	12048	0.85	ug/L	90
55) Styrene	12.183	104	19220	0.80	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	7827	1.17	ug/L #	93
59) Bromoform	12.347	173	2948	0.88	ug/L #	88
60) Isopropylbenzene	12.463	105	32405	0.86	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	5545	1.19	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	26648	0.88	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	27599	0.90	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	15990	0.98	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	16228	1.00	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	15131	1.06	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	1321	1.33	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.627	180	11713	0.99	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	8988	0.95	ug/L	93
71) Naphthalene	15.359	128	16407	0.96	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	8662	1.04	ug/L	96

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

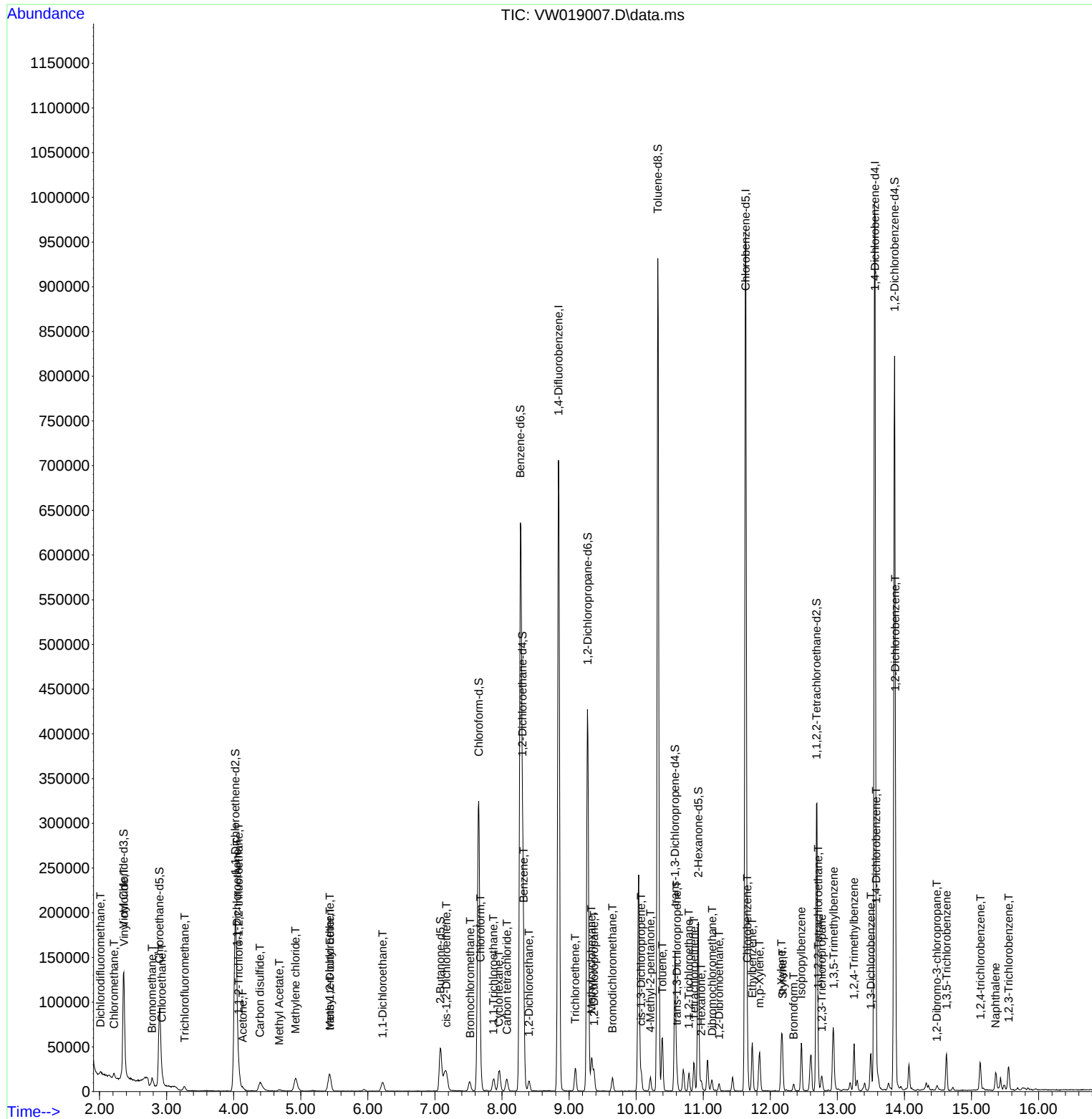
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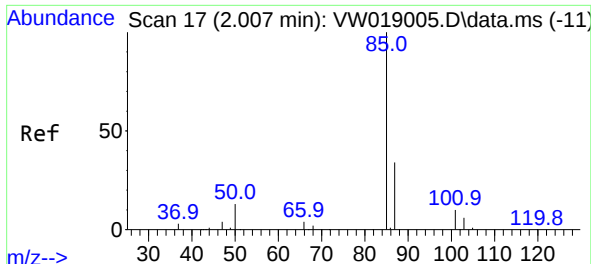
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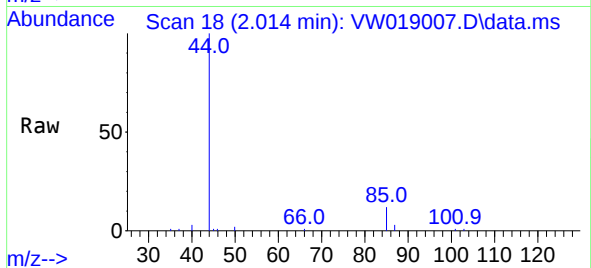
Quant Time: May 18 01:19:22 2021
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Quant Title : SFAM01.0
QLast Update : Tue May 18 01:12:04 2021
Response via : Initial Calibration





#2
Dichlorodifluoromethane
Concen: 0.78 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.007 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

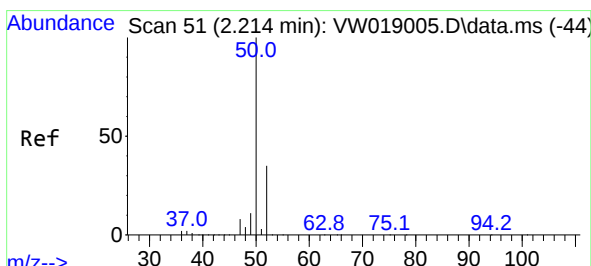
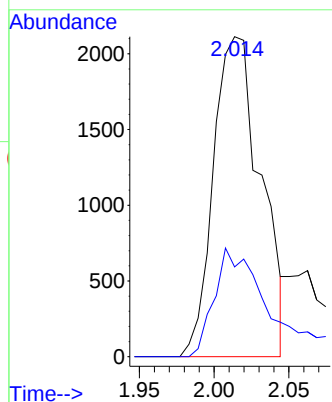
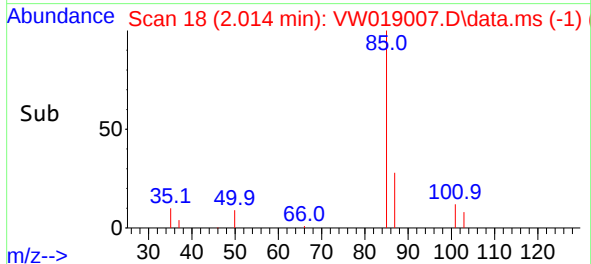
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06



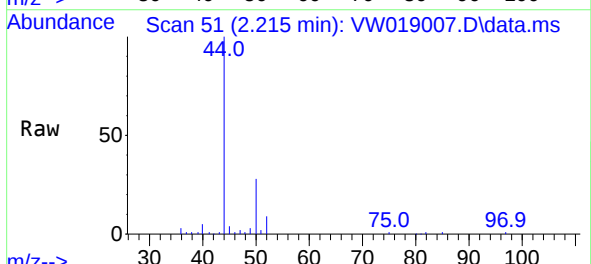
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Ion Ratio Lower Upper
85 100
87 37.3 23.3 34.9#

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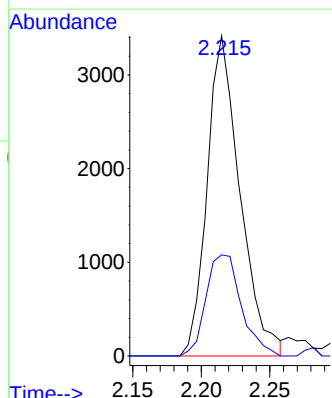
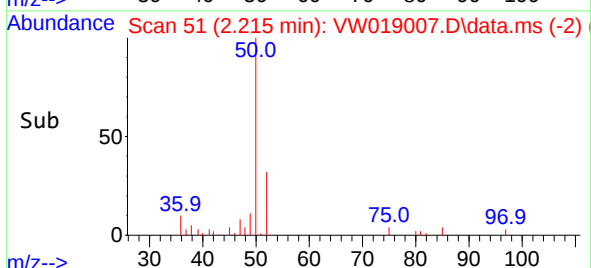
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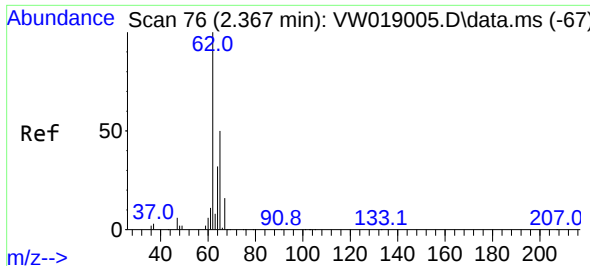


#3
Chloromethane
Concen: 0.96 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50



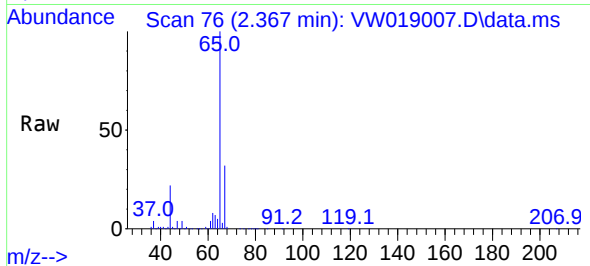
Tgt Ion: 50 Resp: 5718
Ion Ratio Lower Upper
50 100
52 31.6 22.5 41.9





#5
 Vinyl chloride
 Concen: 1.21 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW019007.D
 Acq: 17 May 2021 10:50

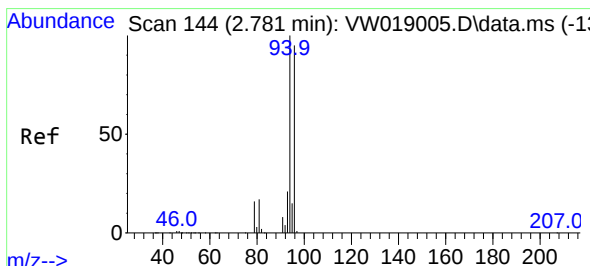
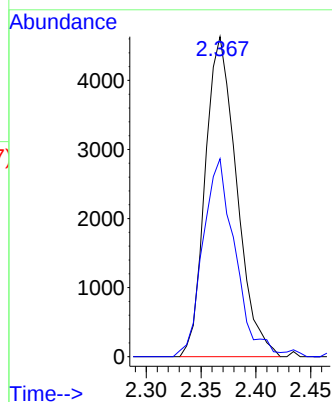
Instrument :
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 ClientSampleId :
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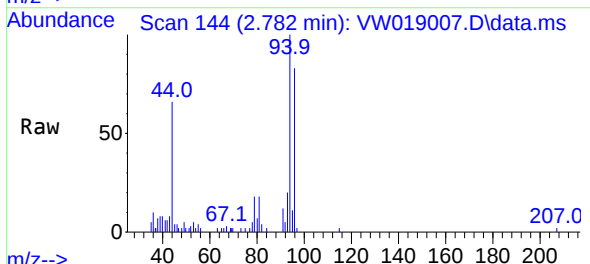
Tgt Ion: 62 Resp: 9252
 Ion Ratio Lower Upper
 62 100
 64 61.8 24.2 45.0#

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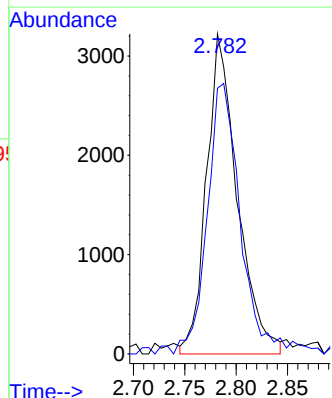
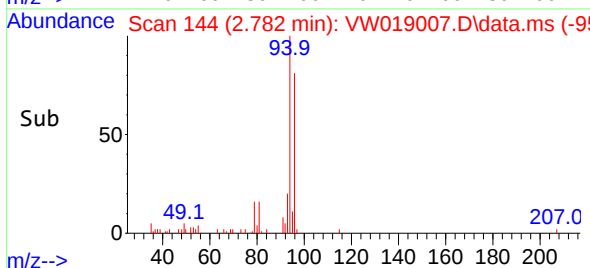
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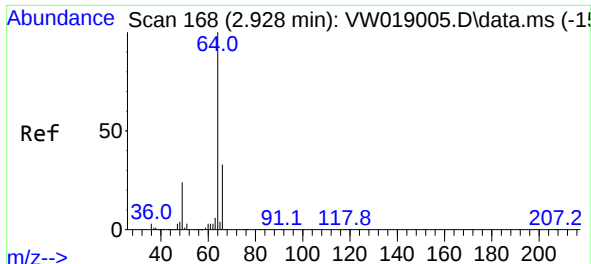


#6
 Bromomethane
 Concen: 1.06 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW019007.D
 Acq: 17 May 2021 10:50

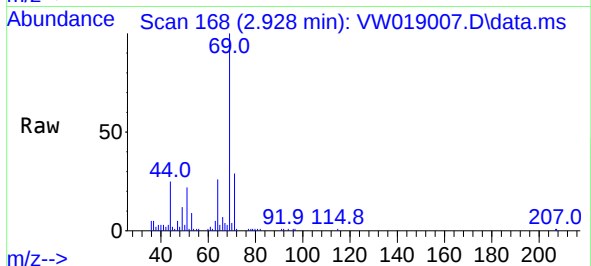


Tgt Ion: 94 Resp: 6713
 Ion Ratio Lower Upper
 94 100
 96 83.0 65.3 121.3

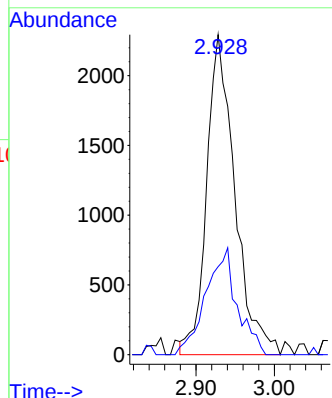
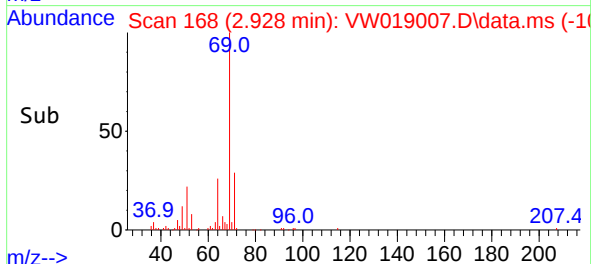




#8
Chloroethane
Concen: 1.07 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50



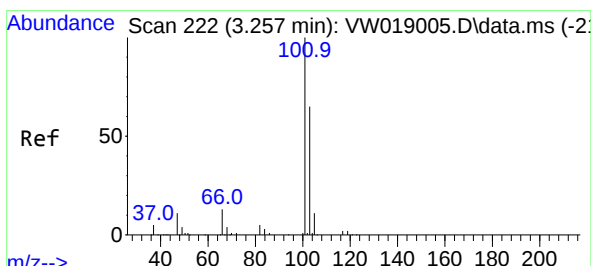
Tgt Ion: 64 Resp: 5725
Ion Ratio Lower Upper
64 100
66 27.5 23.4 43.6



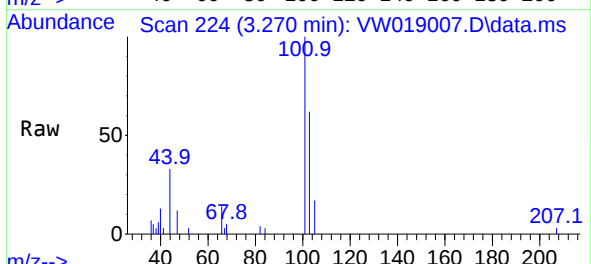
Instrument :
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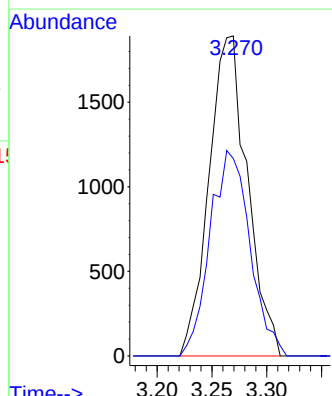
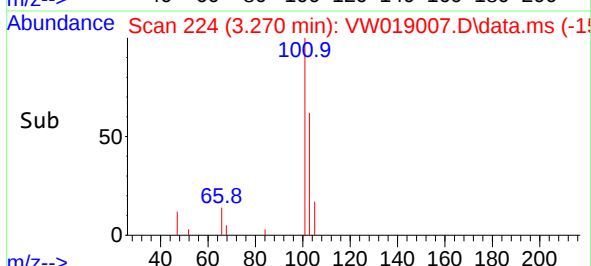
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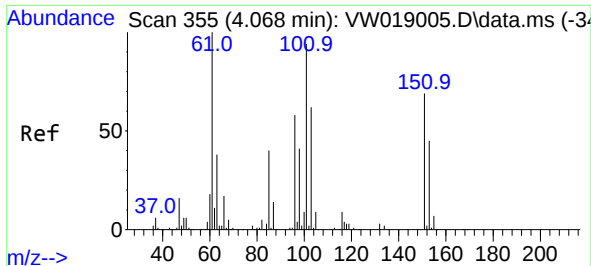


#9
Trichlorofluoromethane
Concen: 0.83 ug/L
RT: 3.270 min Scan# 224
Delta R.T. 0.013 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50



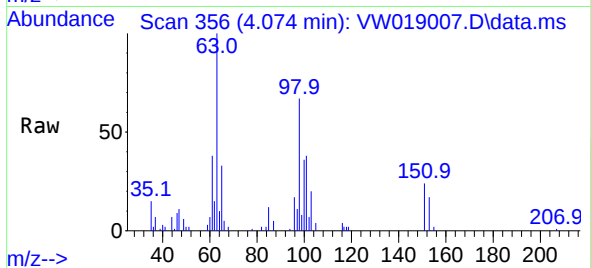
Tgt Ion: 101 Resp: 4616
Ion Ratio Lower Upper
101 100
103 66.4 51.0 76.4





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.17 ug/L
RT: 4.074 min Scan# 356
Delta R.T. 0.007 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

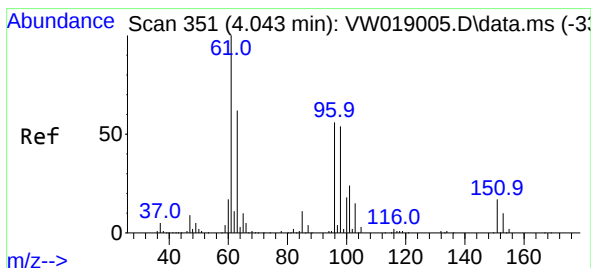
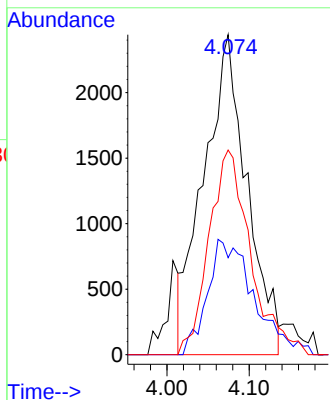
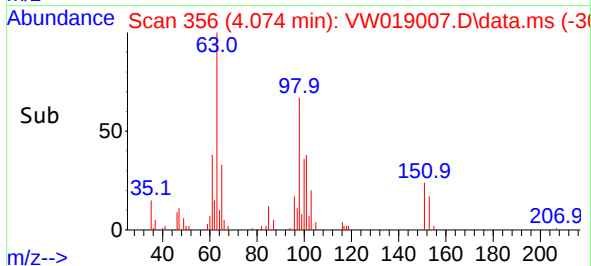
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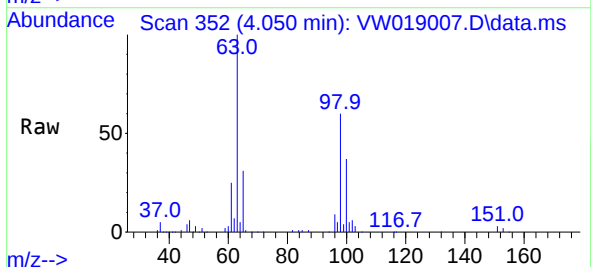
Tgt Ion:101 Resp: 8958
Ion Ratio Lower Upper
101 100
85 12.1 38.2 57.2#
151 55.8 56.6 85.0#

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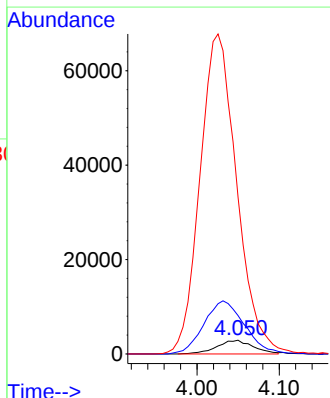
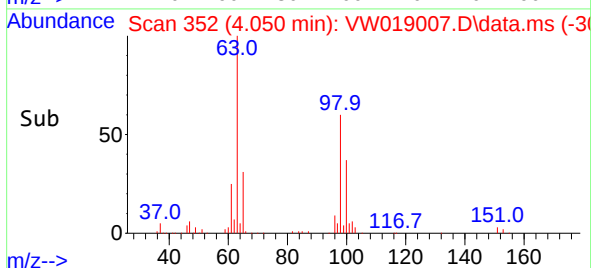
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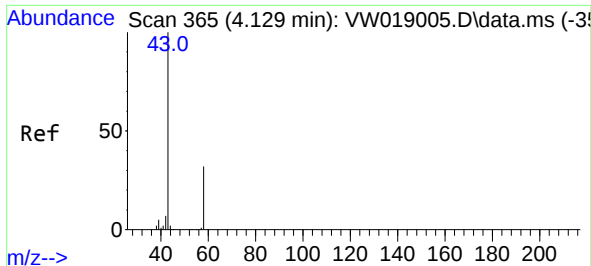


#12
1,1-Dichloroethene
Concen: 1.19 ug/L
RT: 4.050 min Scan# 352
Delta R.T. 0.007 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50



Tgt Ion: 96 Resp: 8911
Ion Ratio Lower Upper
96 100
61 278.6 118.1 219.3#
63 1137.0 83.7 155.5#





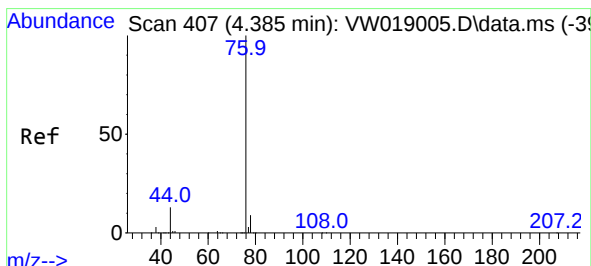
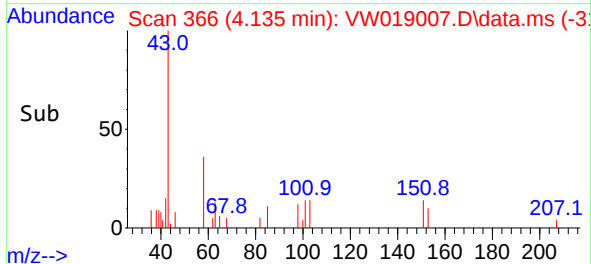
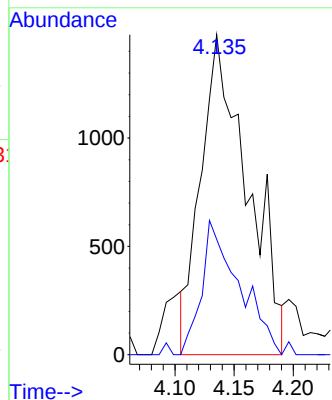
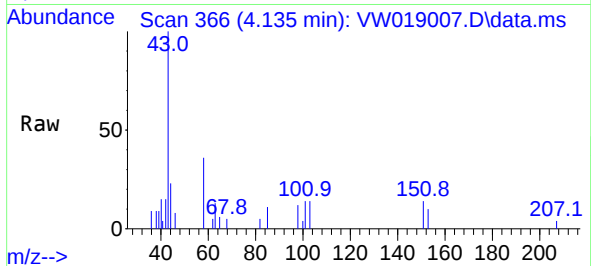
#13
Acetone
Concen: 3.07 ug/L m
RT: 4.135 min Scan# 366
Delta R.T. 0.007 min
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Tgt Ion: 43 Resp: 4056
Ion Ratio Lower Upper
43 100
58 27.8 0.0 53.8

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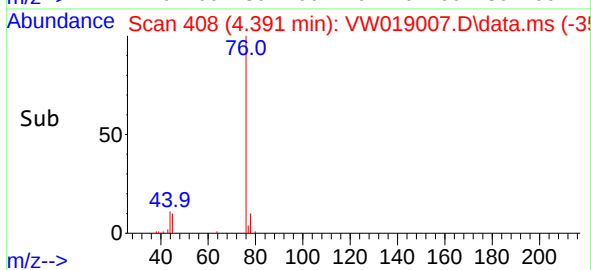
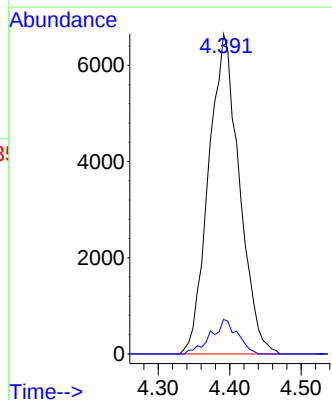
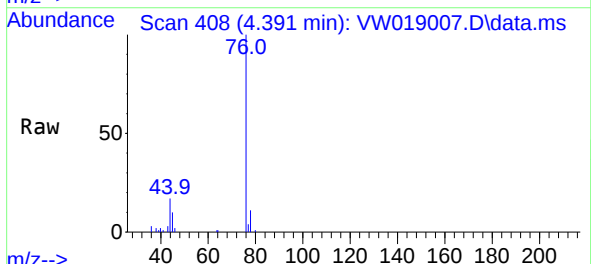
Manual Integrations
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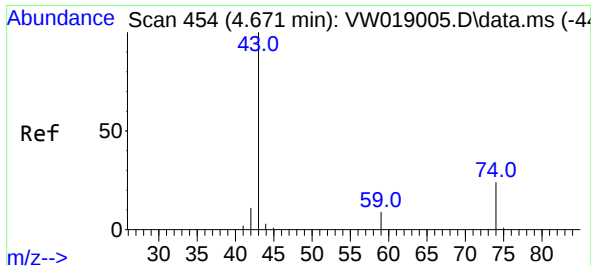
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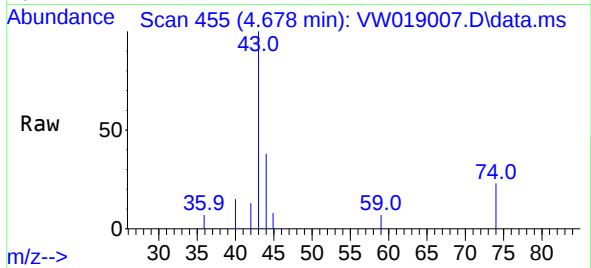
#14
Carbon disulfide
Concen: 0.95 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.007 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

Tgt Ion: 76 Resp: 19841
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.0

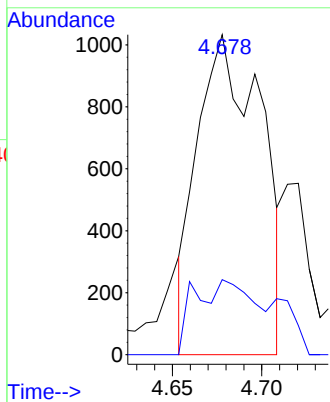
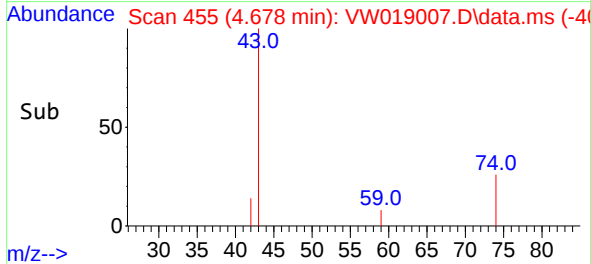




#15
Methyl Acetate
Concen: 0.94 ug/L m
RT: 4.678 min Scan# 455
Delta R.T. 0.007 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50



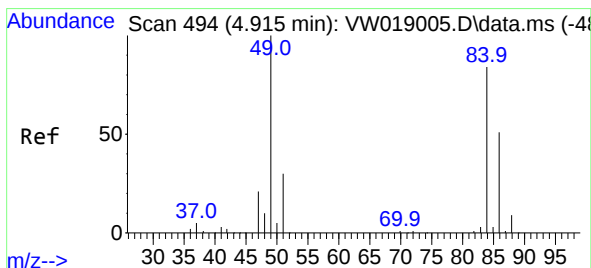
Tgt Ion: 43 Resp: 2557
Ion Ratio Lower Upper
43 100
74 13.9 20.0 30.0#



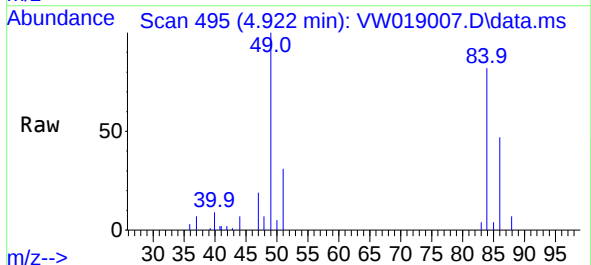
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

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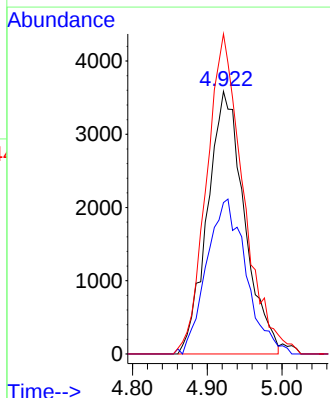
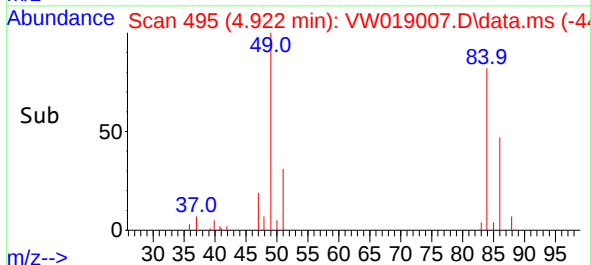
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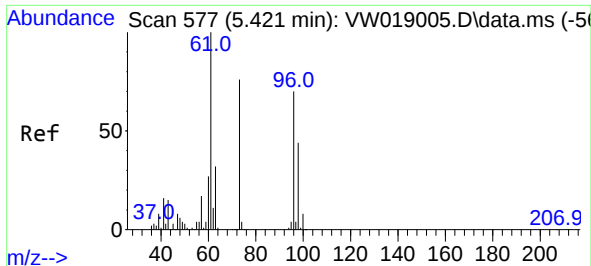


#16
Methylene chloride
Concen: 1.26 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.007 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50



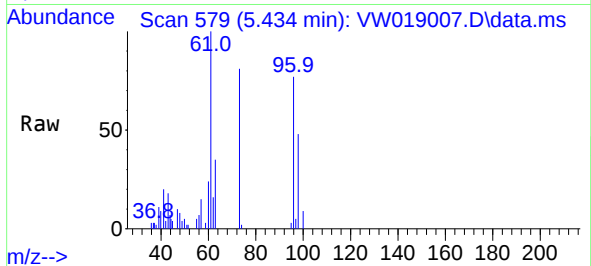
Tgt Ion: 84 Resp: 12290
Ion Ratio Lower Upper
84 100
86 57.7 45.3 84.1
49 121.9 86.6 160.8





#17
trans-1,2-Dichloroethene
Concen: 1.00 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.013 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

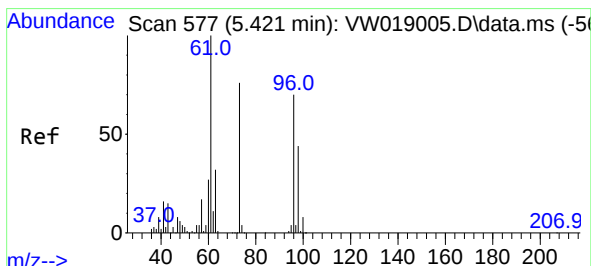
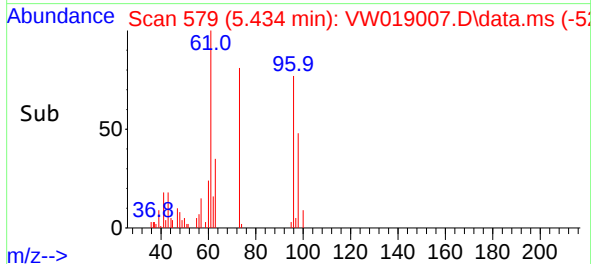
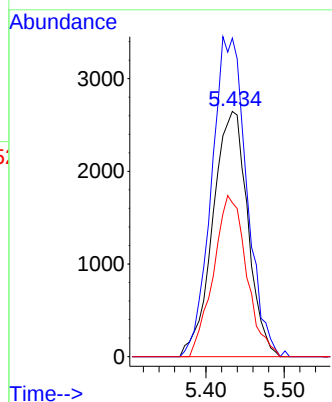
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06



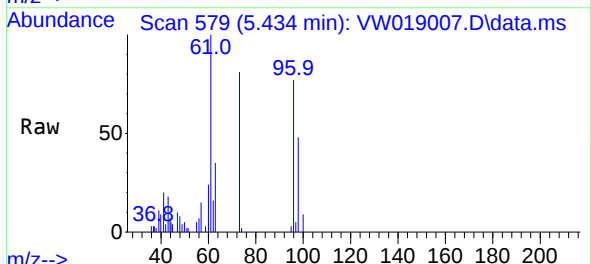
Tgt Ion: 96 Resp: 8193
Ion Ratio Lower Upper
96 100
61 129.8 98.3 182.7
98 62.7 46.1 85.7

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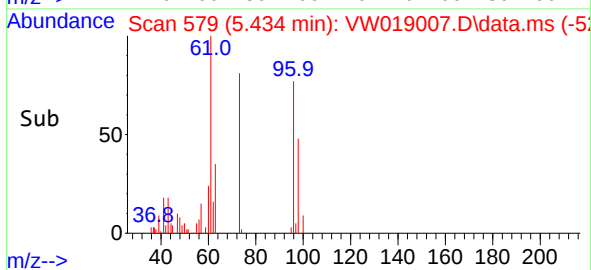
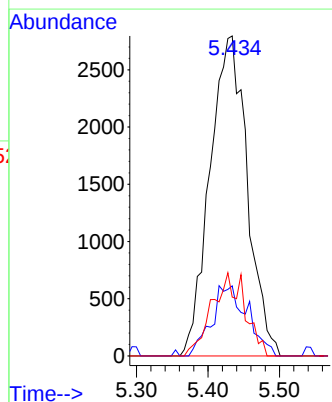
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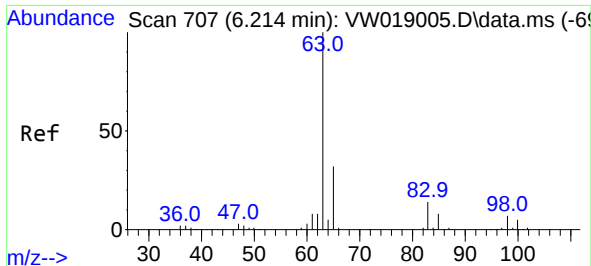


#18
Methyl tert-butyl Ether
Concen: 1.03 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.013 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50



Tgt Ion: 73 Resp: 10142
Ion Ratio Lower Upper
73 100
43 0.0 17.7 26.5#
57 8.4 17.0 25.4#





#19

1,1-Dichloroethane

Concen: 1.03 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.007 min

Lab File: VW019007.D

Acq: 17 May 2021 10:50

Tgt Ion:	63	Resp:	14719
Ion	Ratio	Lower	Upper
63	100		
65	34.3	22.9	42.5
83	12.9	10.2	19.0

Instrument :

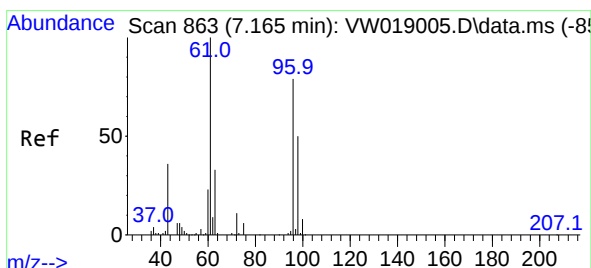
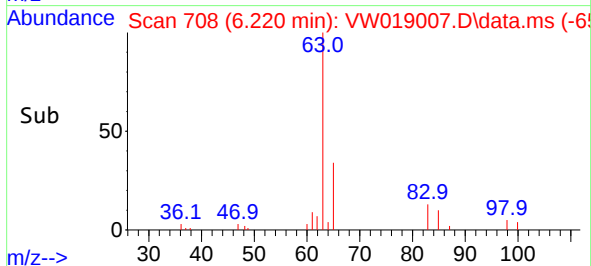
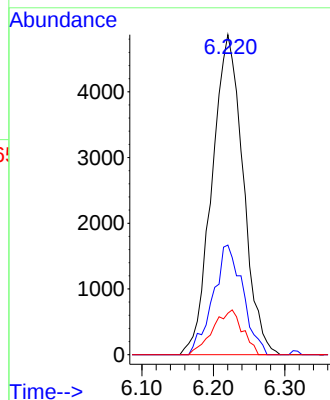
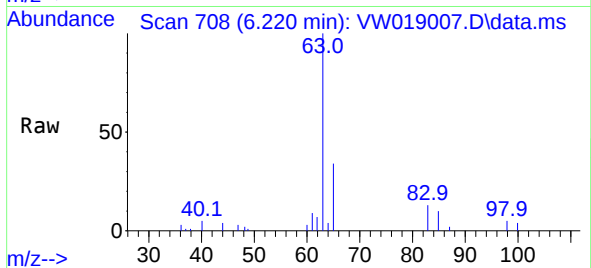
MSVOA_W

ClientSampleId :

MDL-SOIL-QT3-2021-06

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#20

cis-1,2-Dichloroethene

Concen: 0.97 ug/L

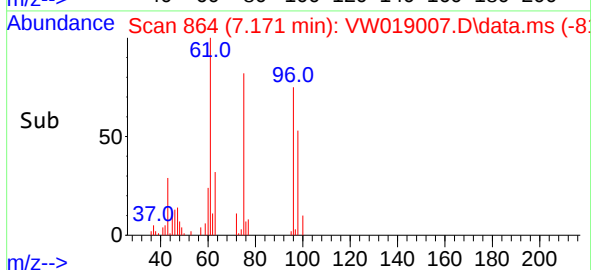
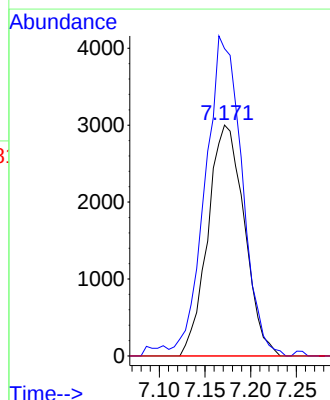
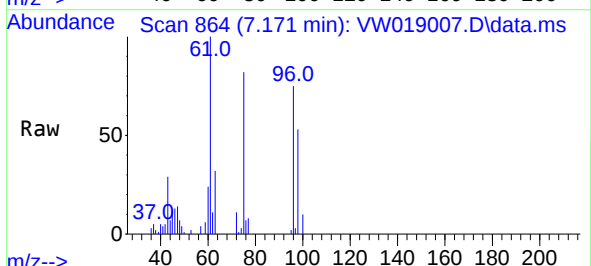
RT: 7.171 min Scan# 864

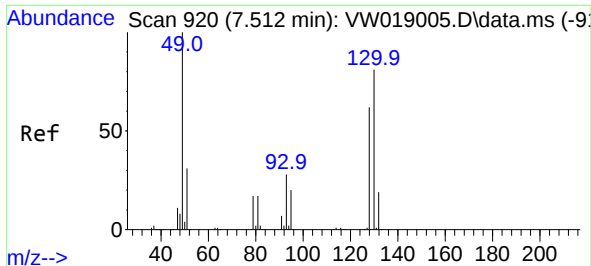
Delta R.T. 0.007 min

Lab File: VW019007.D

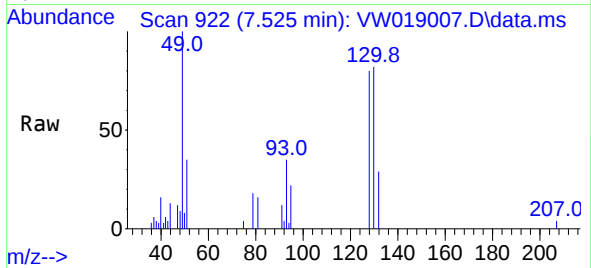
Acq: 17 May 2021 10:50

Tgt Ion:	96	Resp:	8323
Ion	Ratio	Lower	Upper
96	100		
61	133.2	88.5	164.3
68	0.0	0.0	0.0



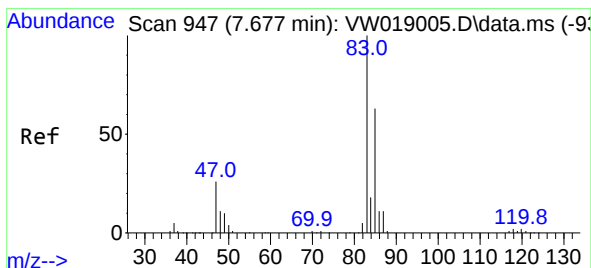
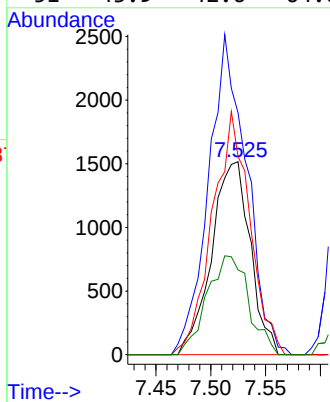
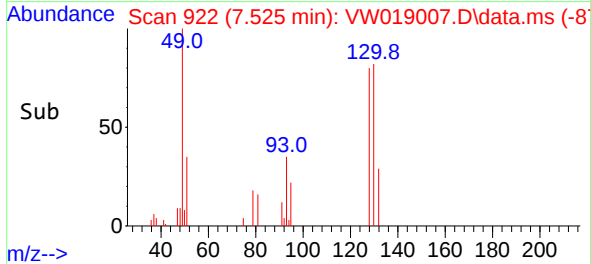


#23
Bromochloromethane
Concen: 1.01 ug/L
RT: 7.525 min Scan# 922
Delta R.T. 0.013 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

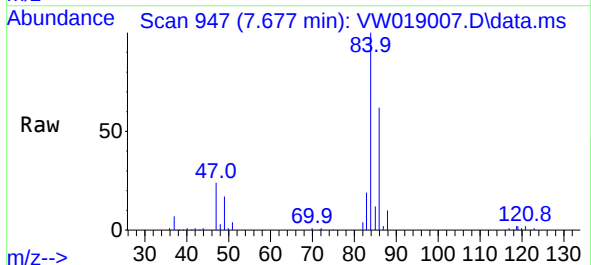


Tgt Ion: 128 Resp: 3729

Ion	Ratio	Lower	Upper
128	100		
49	125.4	116.3	215.9
130	102.6	82.4	153.0
51	43.9	42.6	64.0

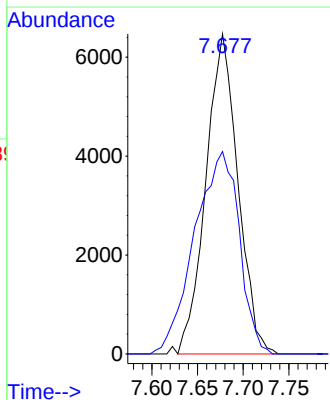
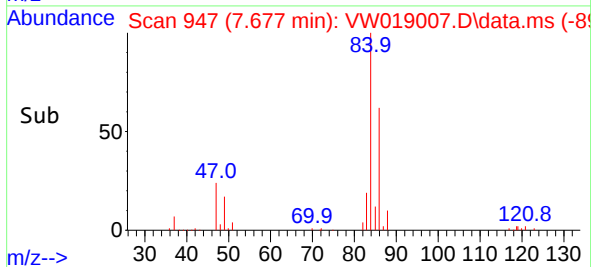


#25
Chloroform
Concen: 1.07 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50



Tgt Ion: 83 Resp: 15783

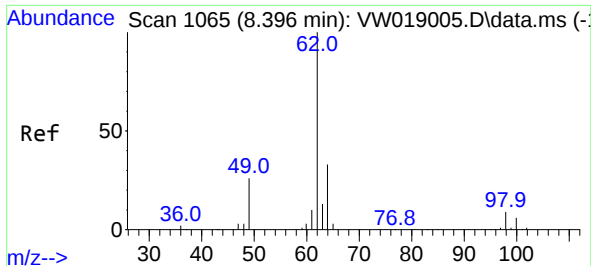
Ion	Ratio	Lower	Upper
83	100		
85	63.2	44.6	82.8



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

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#27

1,2-Dichloroethane

Concen: 1.06 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.007 min

Lab File: VW019007.D

Acq: 17 May 2021 10:50

Tgt Ion: 62 Resp: 9763

Ion Ratio Lower Upper

62 100

98 7.8 6.9 10.3

Instrument :

MSVOA_W

ClientSampleId :

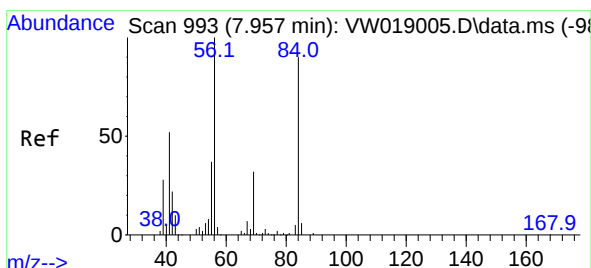
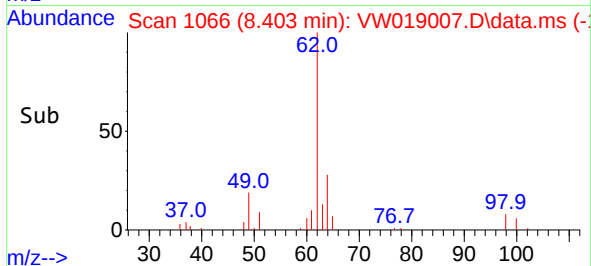
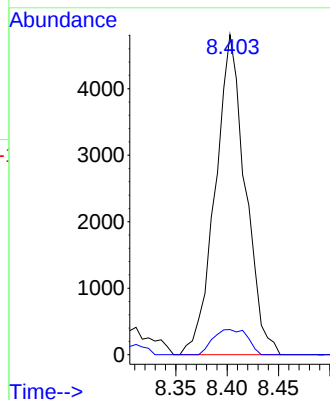
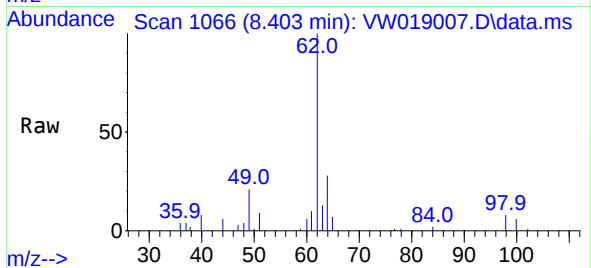
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#29

Cyclohexane

Concen: 0.93 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.006 min

Lab File: VW019007.D

Acq: 17 May 2021 10:50

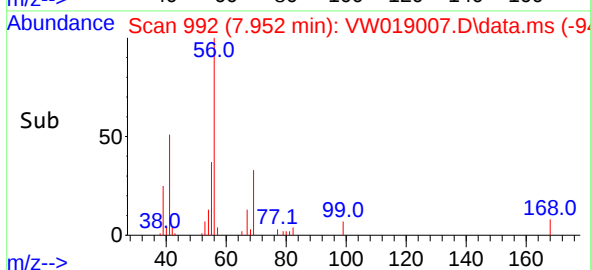
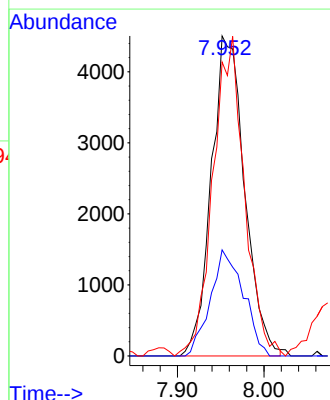
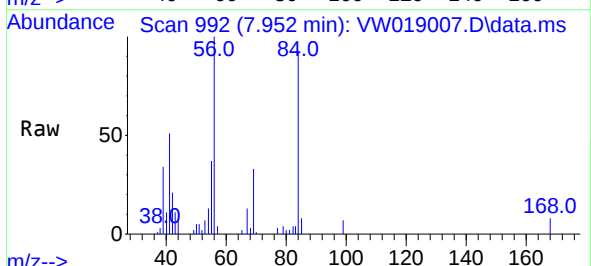
Tgt Ion: 56 Resp: 12011

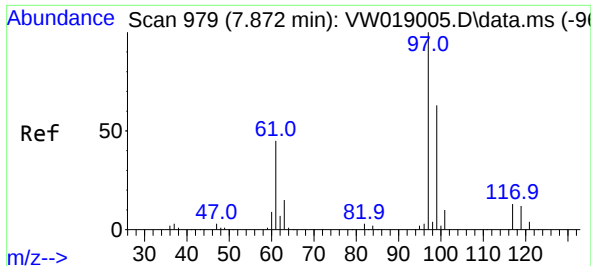
Ion Ratio Lower Upper

56 100

69 33.0 24.5 36.7

84 93.9 75.0 112.4





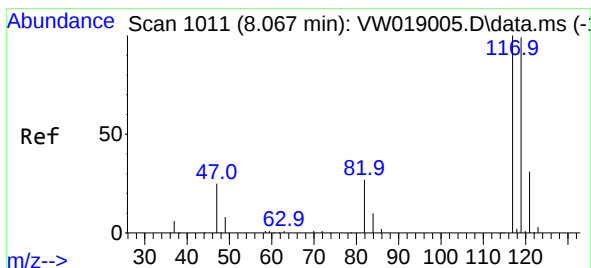
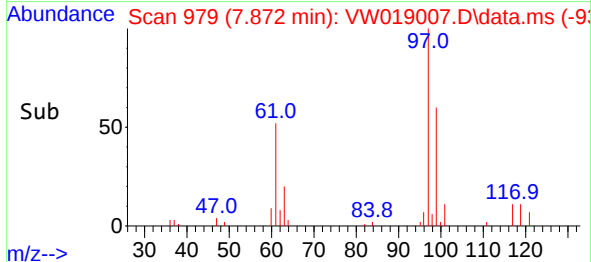
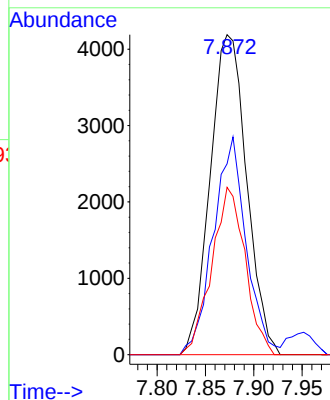
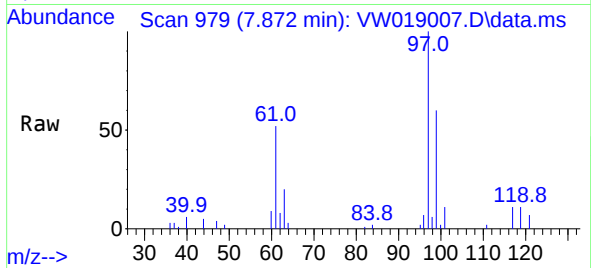
#30
1,1,1-Trichloroethane
Concen: 0.94 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

Tgt Ion:	97	Resp:	10989
Ion	Ratio	Lower	Upper
97	100		
99	61.4	51.4	77.2
61	47.9	37.8	56.6

Instrument :
MSVOA_W
ClientSampleId :
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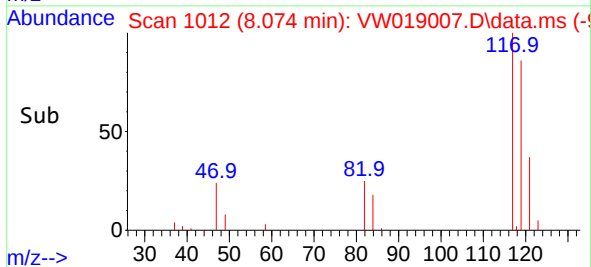
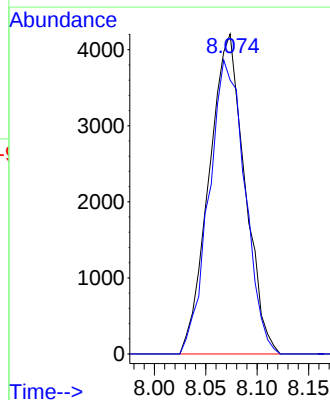
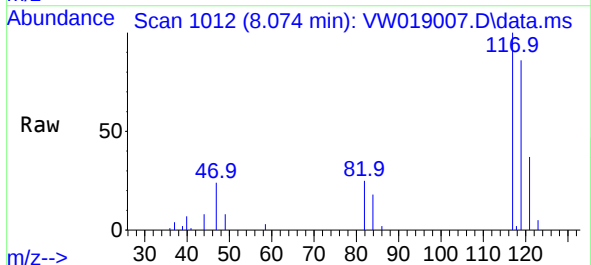
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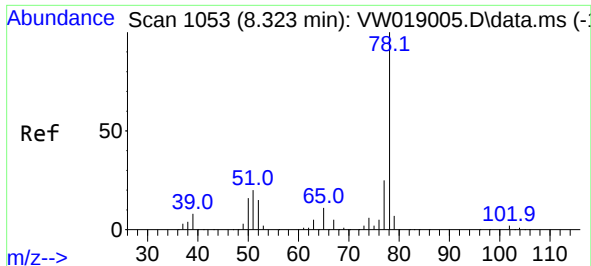
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#31
Carbon tetrachloride
Concen: 0.95 ug/L
RT: 8.074 min Scan# 1012
Delta R.T. 0.007 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

Tgt Ion:	117	Resp:	10194
Ion	Ratio	Lower	Upper
117	100		
119	92.0	76.5	114.7





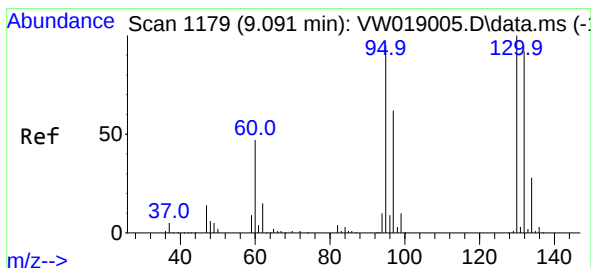
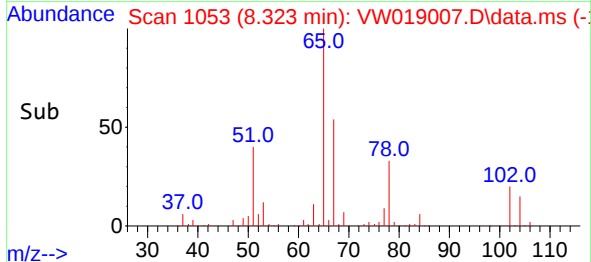
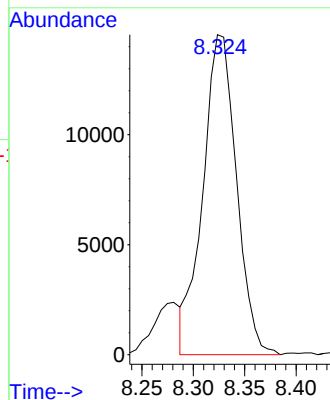
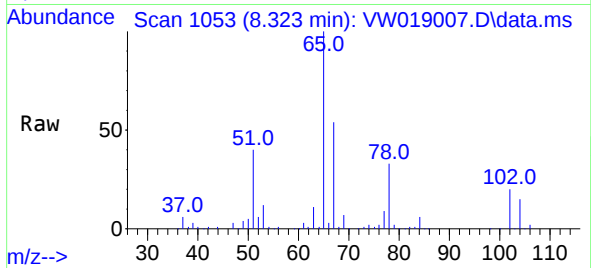
#33
Benzene
Concen: 1.00 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

Tgt Ion: 78 Resp: 33108

Instrument :
MSVOA_W
ClientSampleId :
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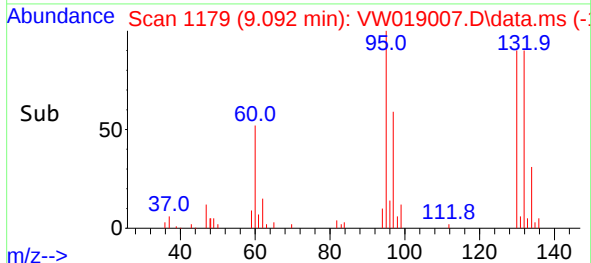
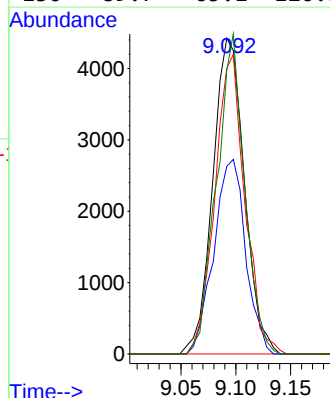
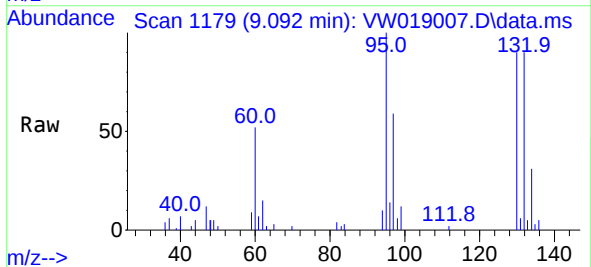
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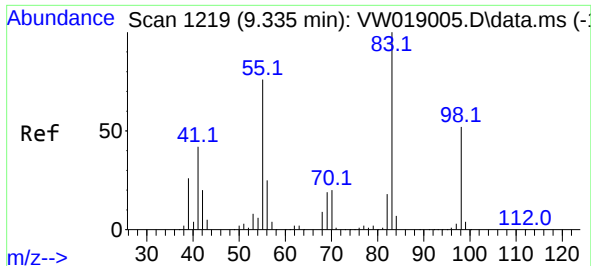


#34
Trichloroethene
Concen: 1.01 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

Tgt Ion: 95 Resp: 8859

Ion	Ratio	Lower	Upper
95	100		
97	59.4	47.3	87.8
132	90.5	71.0	131.8
130	89.7	65.1	120.9





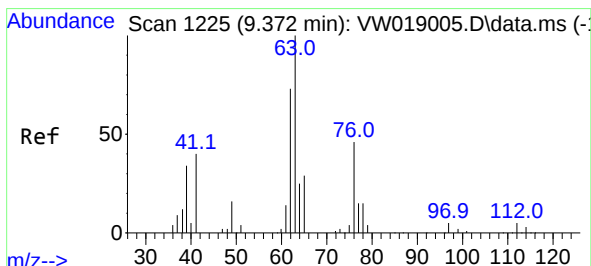
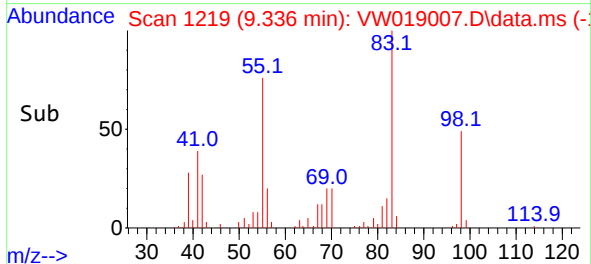
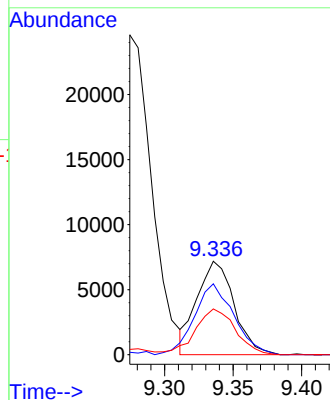
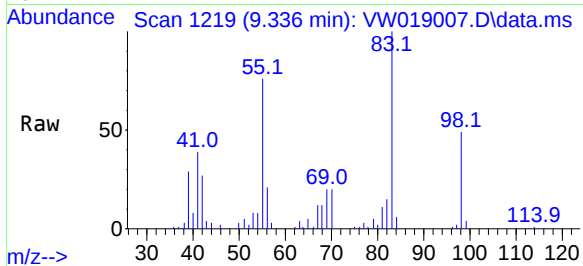
#35
Methylcyclohexane
Concen: 0.89 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

Tgt Ion: 83 Resp: 13495
Ion Ratio Lower Upper
83 100
55 81.0 58.9 88.3
98 53.3 40.1 60.1

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

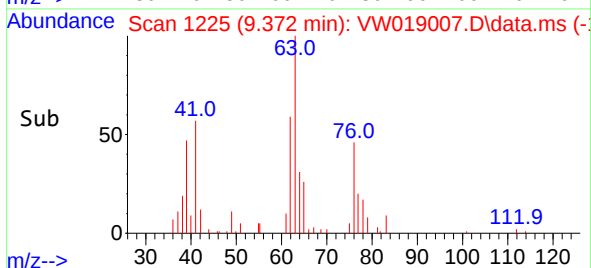
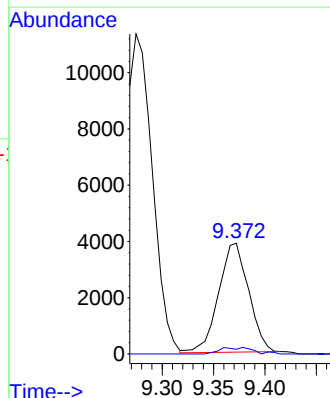
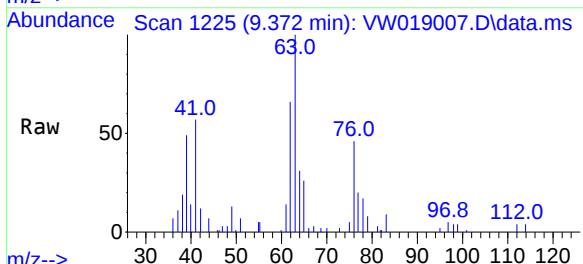
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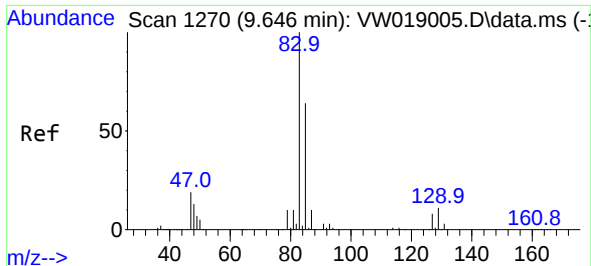
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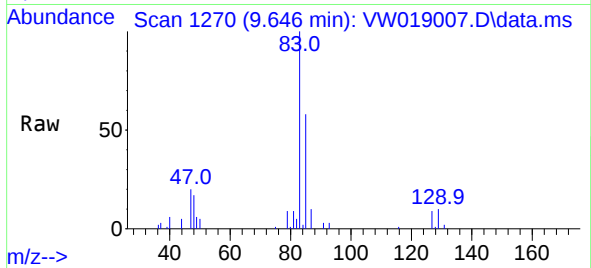
#37
1,2-Dichloropropane
Concen: 0.99 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

Tgt Ion: 63 Resp: 7886
Ion Ratio Lower Upper
63 100
112 2.5 3.9 5.9#

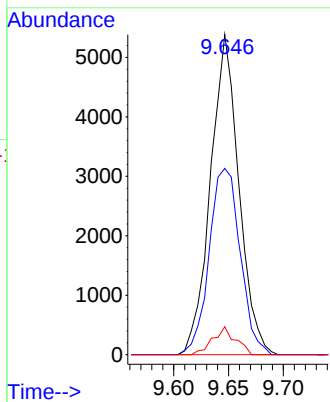
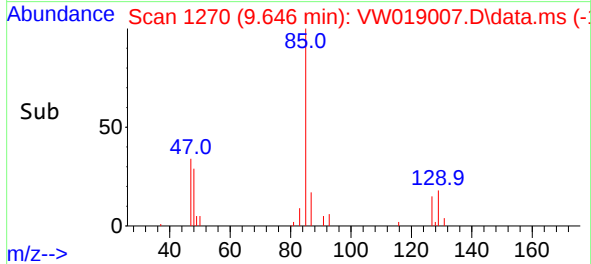




#38
Bromodichloromethane
Concen: 0.94 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50



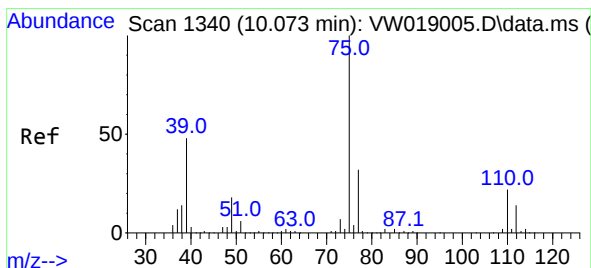
Tgt Ion: 83 Resp: 9714
Ion Ratio Lower Upper
83 100
85 58.2 42.3 78.5
127 8.8 6.6 9.8



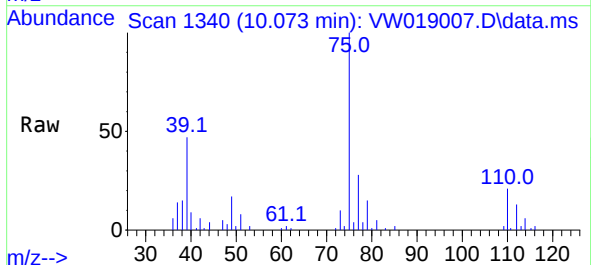
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

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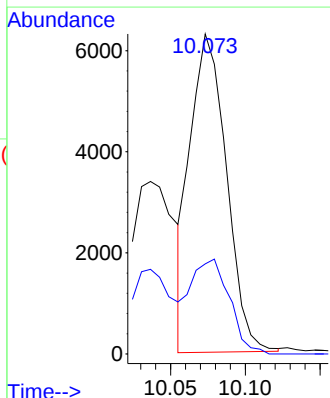
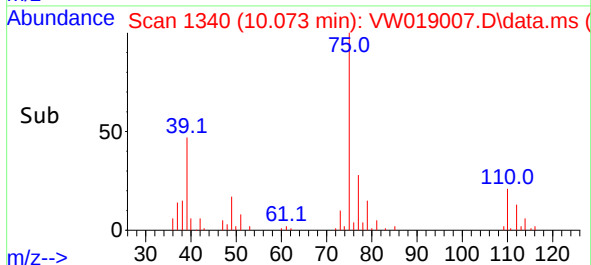
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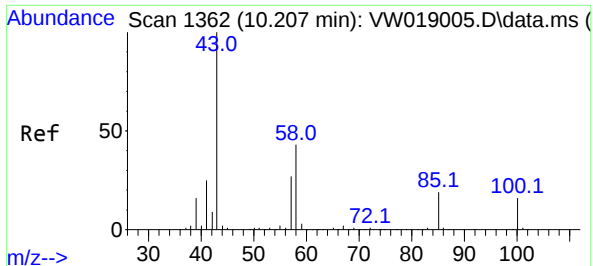


#39
cis-1,3-Dichloropropene
Concen: 0.89 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50



Tgt Ion: 75 Resp: 10590
Ion Ratio Lower Upper
75 100
77 28.2 22.6 42.0





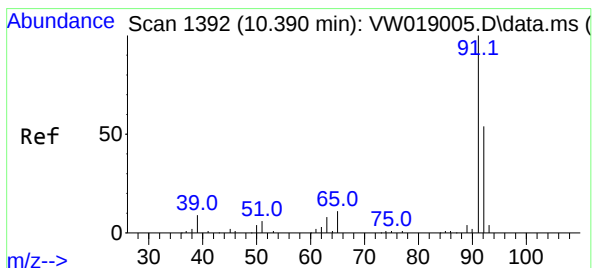
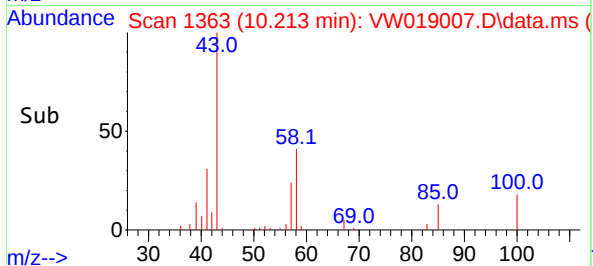
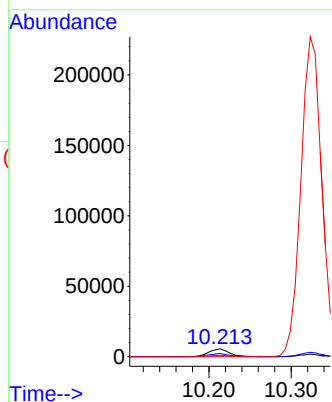
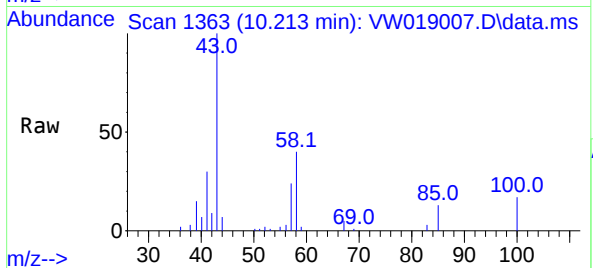
#40
4-Methyl-2-pentanone
Concen: 2.39 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.007 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

Tgt Ion: 43 Resp: 9816
Ion Ratio Lower Upper
43 100
58 39.7 31.0 46.4
100 16.2 13.0 19.6

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

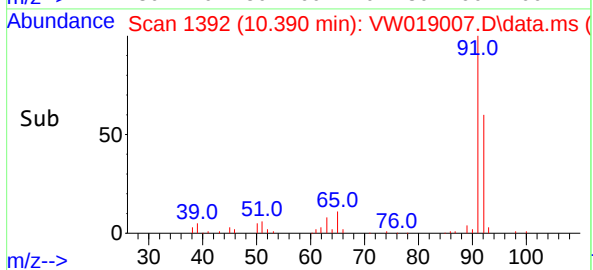
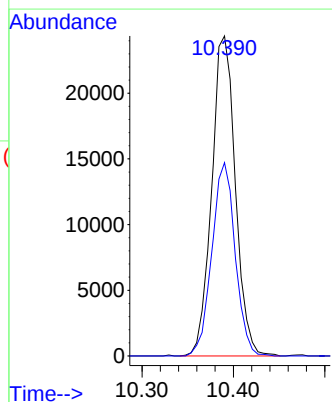
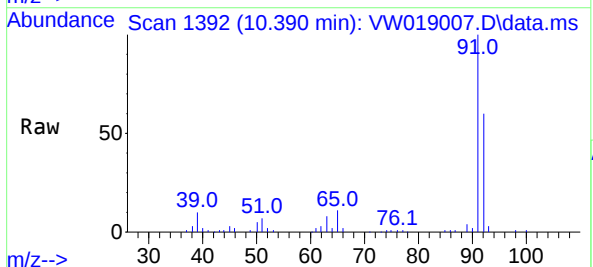
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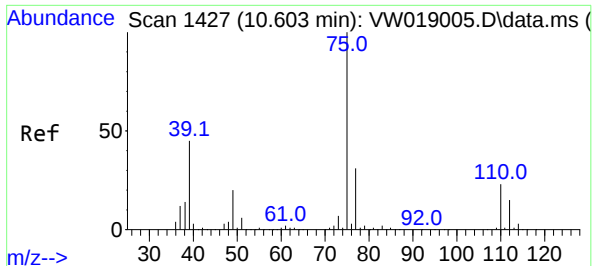
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#42
Toluene
Concen: 1.21 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

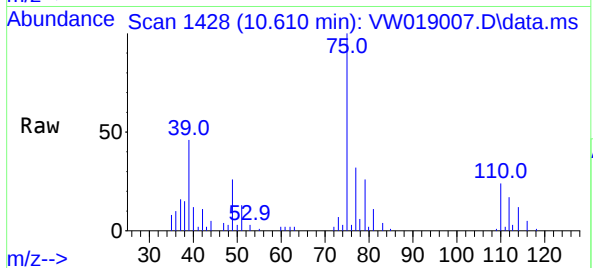
Tgt Ion: 91 Resp: 43748
Ion Ratio Lower Upper
91 100
92 60.4 39.5 73.3





#44
trans-1,3-Dichloropropene
Concen: 0.98 ug/L m
RT: 10.610 min Scan# 1428
Delta R.T. 0.007 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

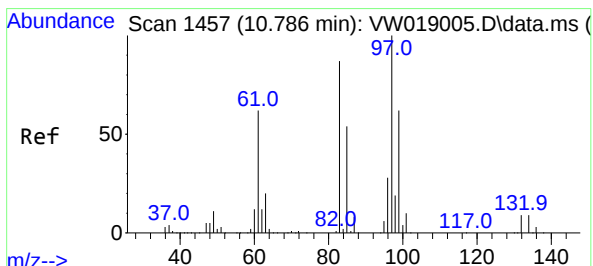
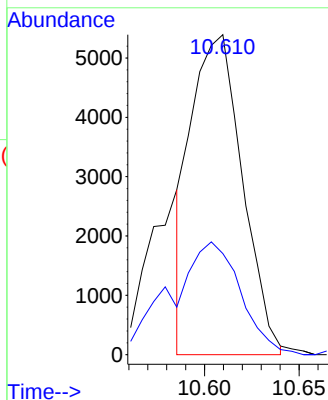
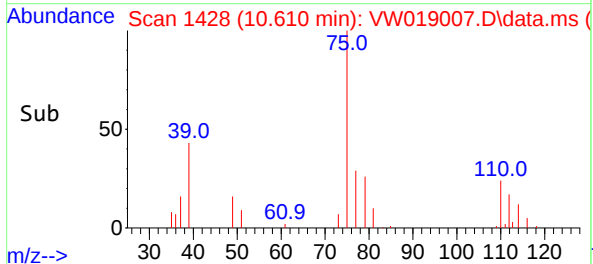
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06



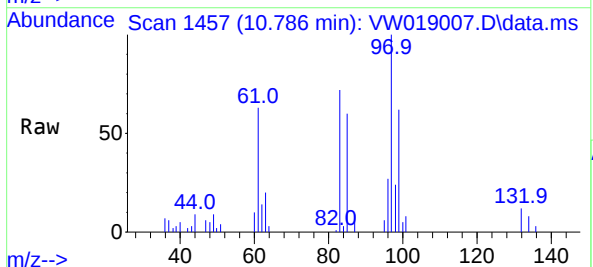
Tgt Ion: 75 Resp: 10151
Ion Ratio Lower Upper
75 100
77 31.6 21.1 39.1

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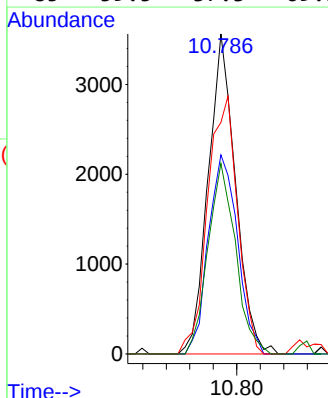
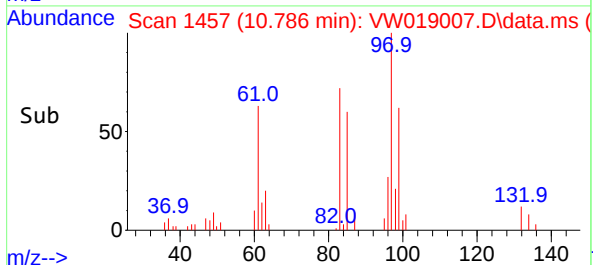
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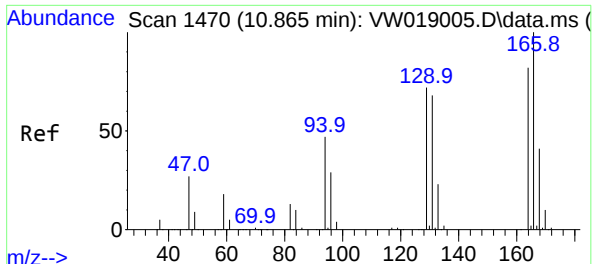


#45
1,1,2-Trichloroethane
Concen: 0.99 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

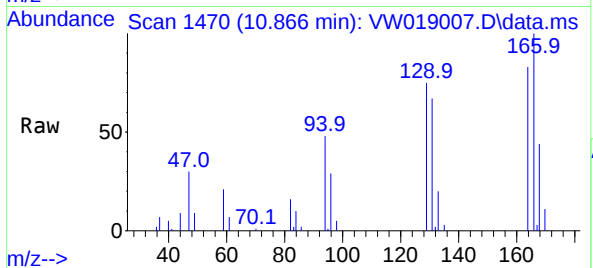


Tgt Ion: 97 Resp: 5763
Ion Ratio Lower Upper
97 100
99 62.2 45.1 83.7
83 72.4 58.1 107.9
85 59.5 37.3 69.3



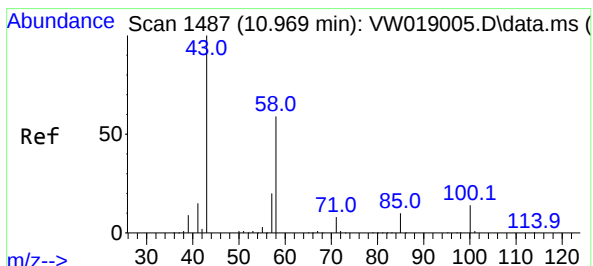
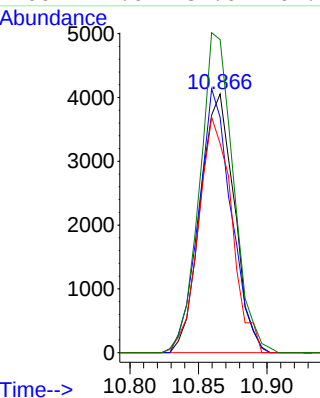
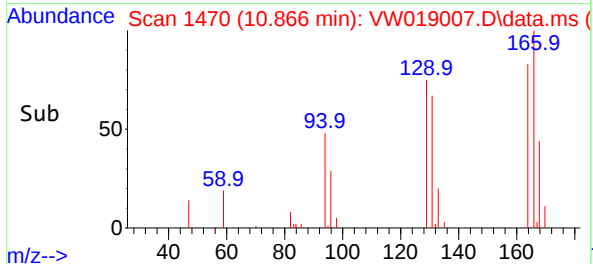


#46
Tetrachloroethene
Concen: 1.00 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

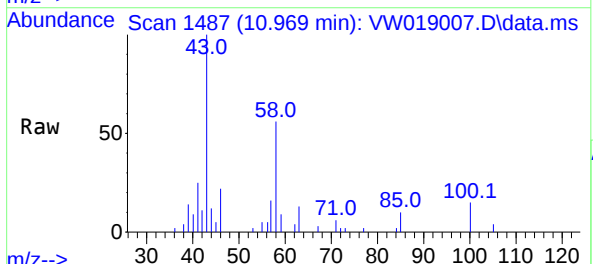


Tgt Ion:164 Resp: 6974

Ion	Ratio	Lower	Upper
164	100		
129	91.0	66.7	123.9
131	80.8	61.1	113.5
166	121.0	87.0	161.6

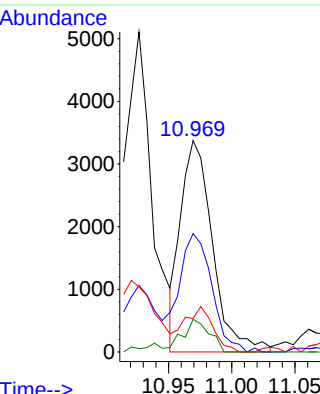
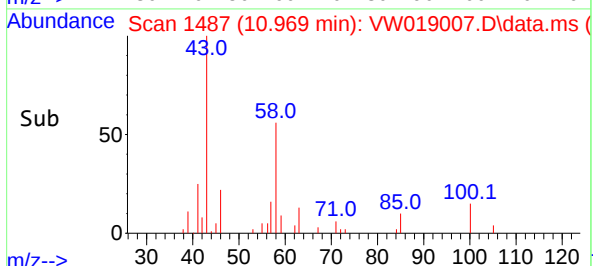


#48
2-Hexanone
Concen: 2.22 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50



Tgt Ion: 43 Resp: 5944

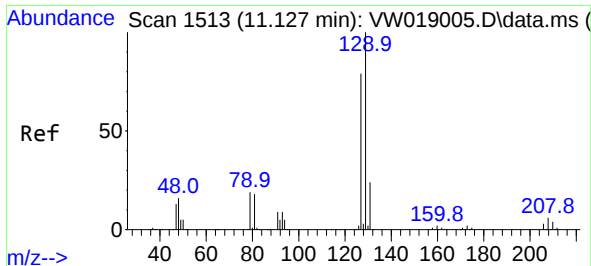
Ion	Ratio	Lower	Upper
43	100		
58	57.7	42.7	64.1
57	19.6	15.8	23.8
100	12.9	10.0	15.0



Instrument :
MSVOA_W
ClientSampleId :
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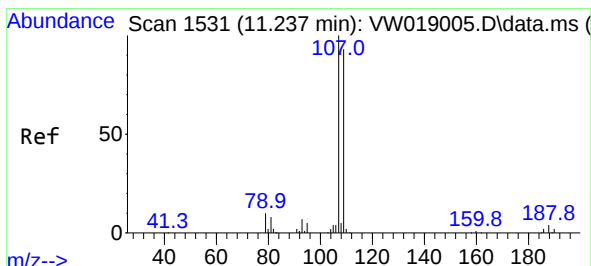
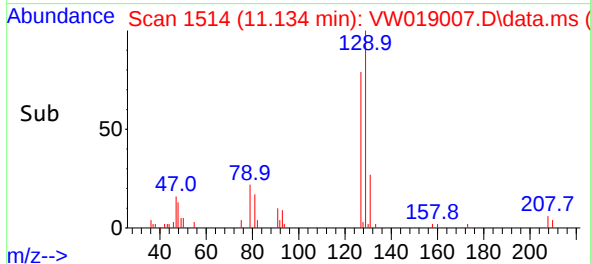
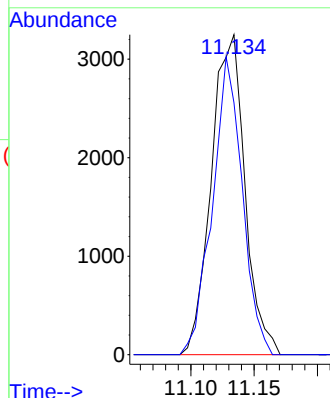
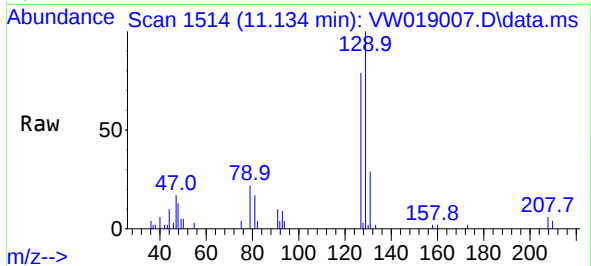
#49
Dibromochloromethane
Concen: 0.92 ug/L
RT: 11.134 min Scan# 1514
Delta R.T. 0.007 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

Tgt Ion:129 Resp: 5996
Ion Ratio Lower Upper
129 100
127 78.7 51.7 95.9

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

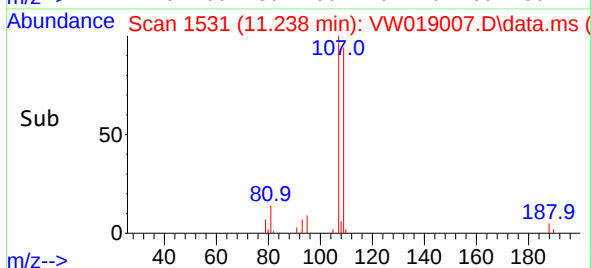
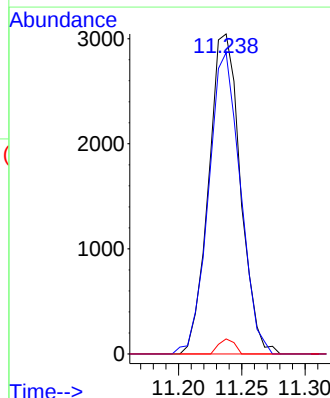
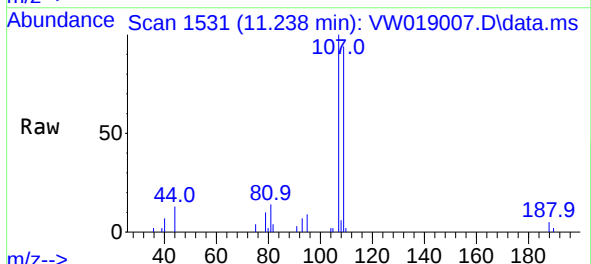
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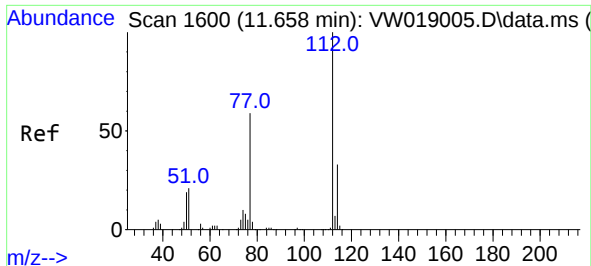
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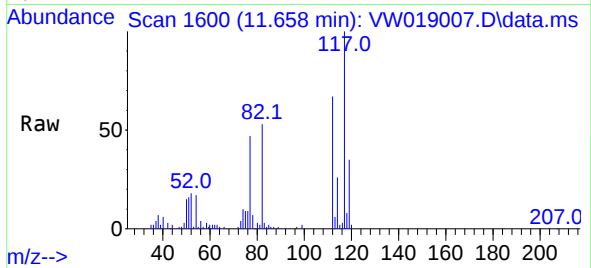
#50
1,2-Dibromoethane
Concen: 0.98 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

Tgt Ion:107 Resp: 5311
Ion Ratio Lower Upper
107 100
109 94.2 65.4 121.4
188 4.7 2.6 4.0#

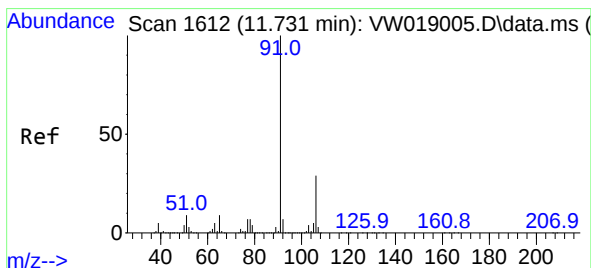
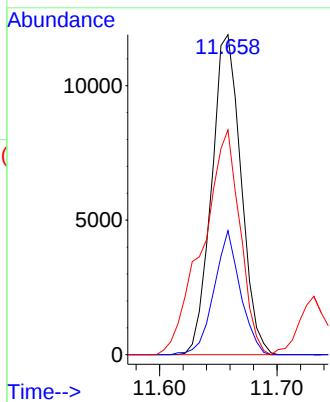
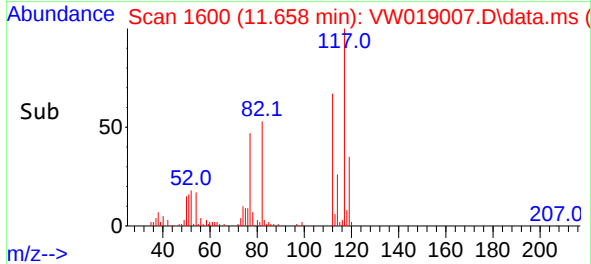




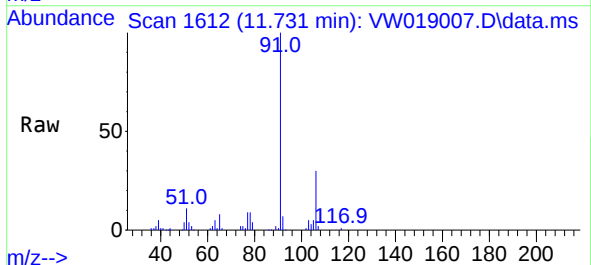
#51
Chlorobenzene
Concen: 0.92 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50



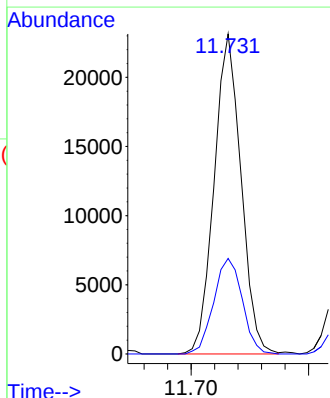
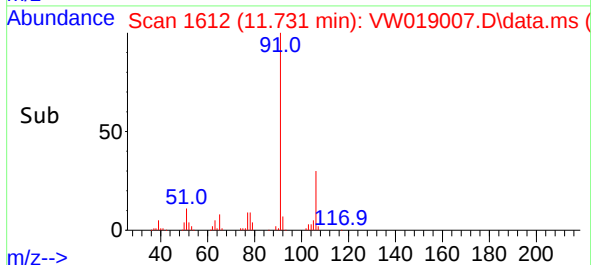
Tgt Ion: 112 Resp: 20676
Ion Ratio Lower Upper
112 100
114 38.7 23.4 43.6
77 70.3 47.6 71.4



#52
Ethylbenzene
Concen: 0.91 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50



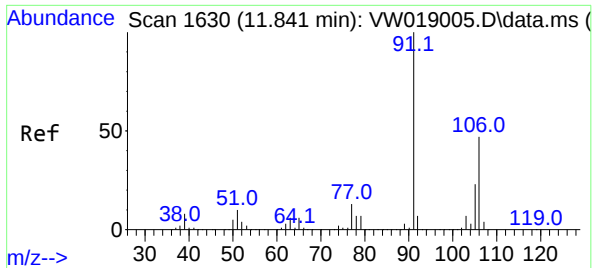
Tgt Ion: 91 Resp: 36746
Ion Ratio Lower Upper
91 100
106 29.9 22.5 41.7



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

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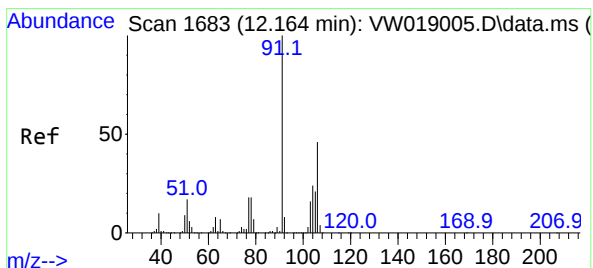
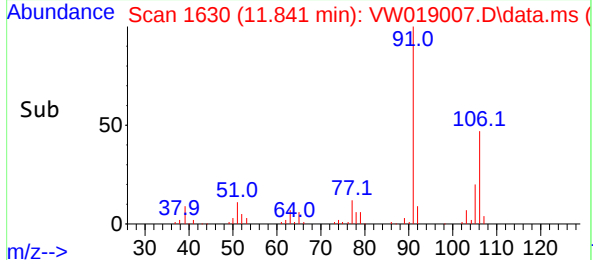
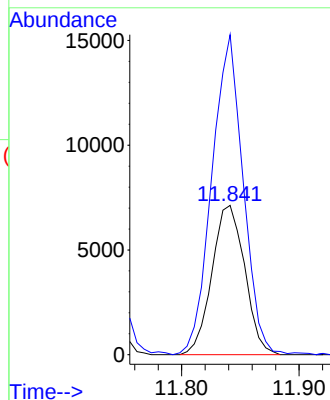
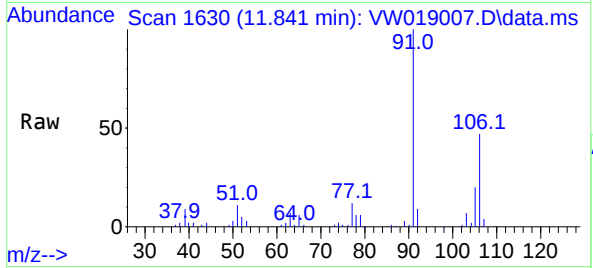
#53
m,p-Xylene
Concen: 0.92 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

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

Tgt Ion:106 Resp: 13835
Ion Ratio Lower Upper
106 100
91 214.4 141.3 262.3

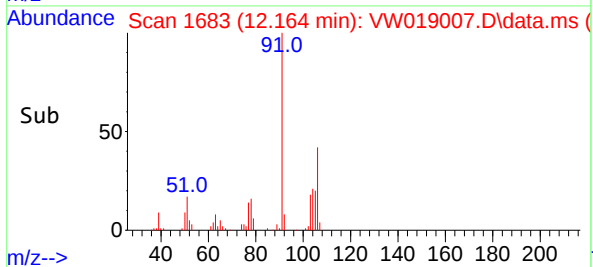
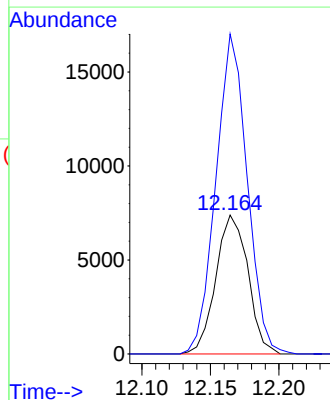
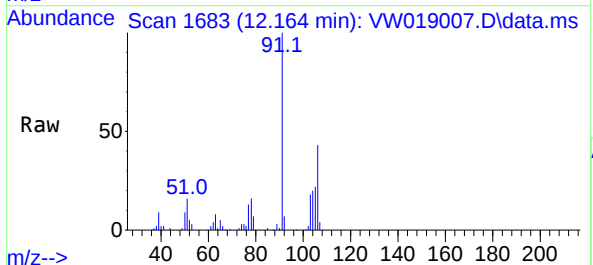
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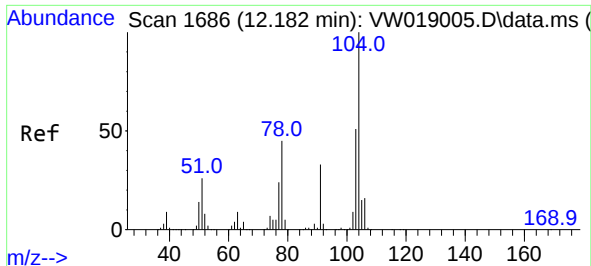
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#54
o-Xylene
Concen: 0.85 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

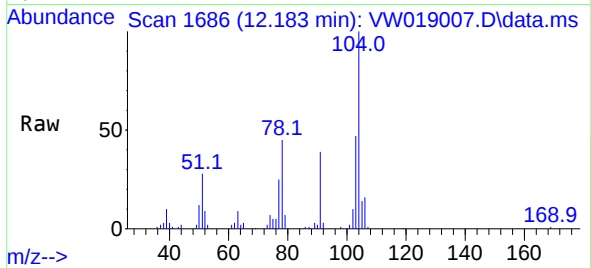
Tgt Ion:106 Resp: 12048
Ion Ratio Lower Upper
106 100
91 230.5 150.0 278.6





#55
Styrene
Concen: 0.80 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

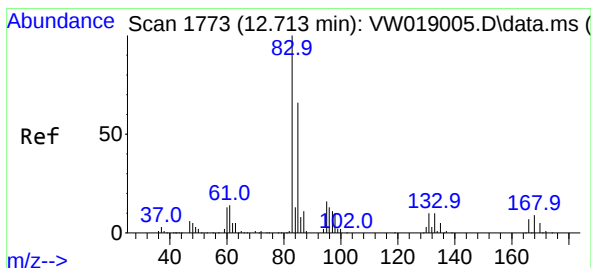
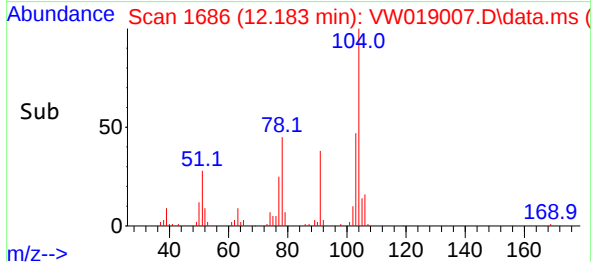
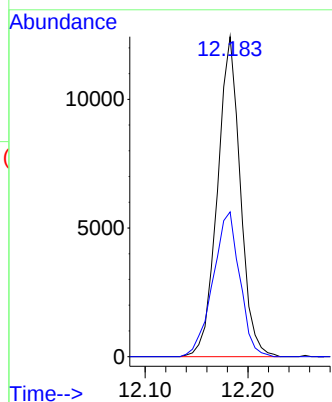
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06



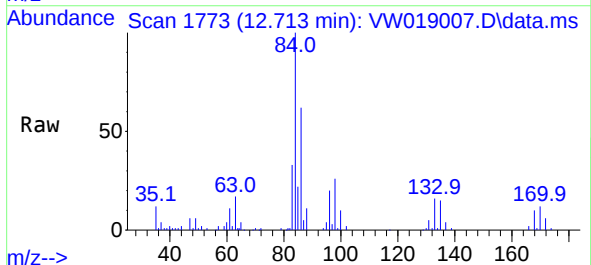
Tgt Ion:104 Resp: 19220
Ion Ratio Lower Upper
104 100
78 45.3 32.5 60.3

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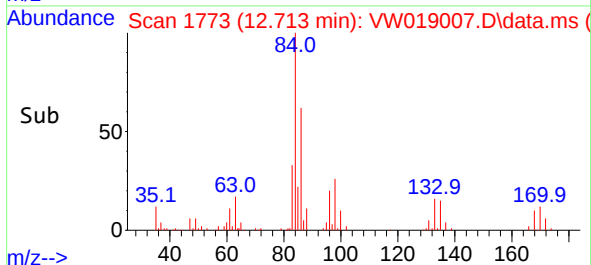
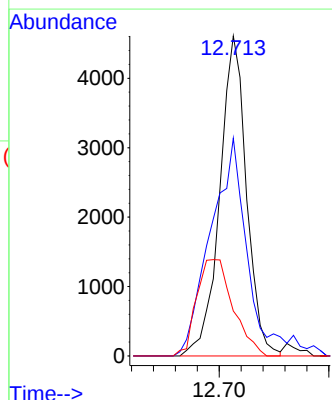
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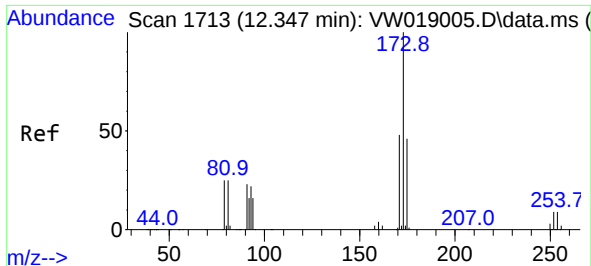


#57
1,1,2,2-Tetrachloroethane
Concen: 1.17 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50



Tgt Ion: 83 Resp: 7827
Ion Ratio Lower Upper
83 100
85 68.0 44.4 82.4
131 14.1 8.2 12.4#





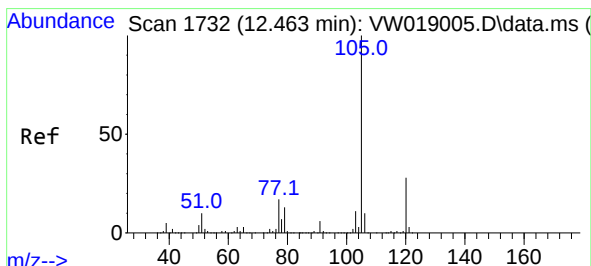
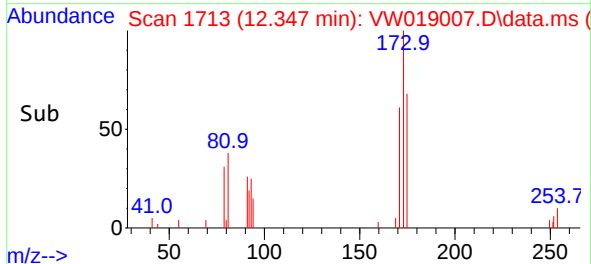
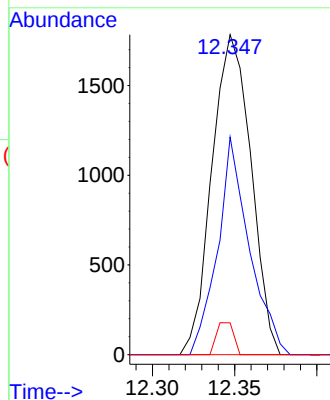
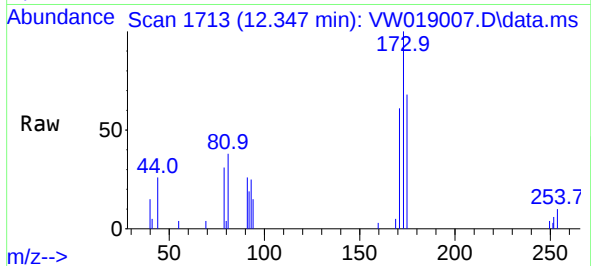
#59
Bromoform
Concen: 0.88 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

Tgt Ion:	173	Resp:	2948
Ion Ratio	Lower	Upper	
173	100		
175	55.2	37.5	56.3
254	4.4	7.0	10.4#

Instrument :
MSVOA_W
ClientSampleId :
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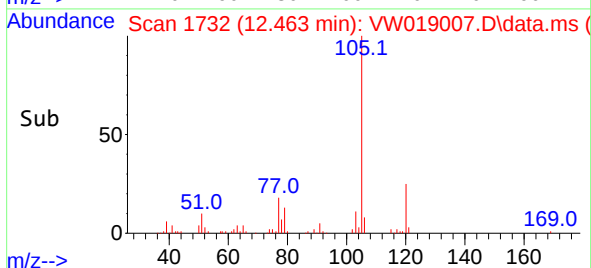
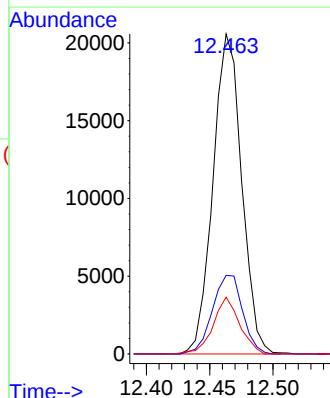
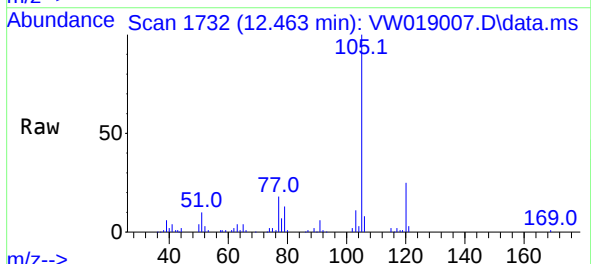
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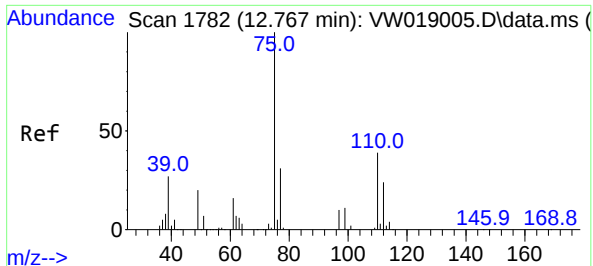
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#60
Isopropylbenzene
Concen: 0.86 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

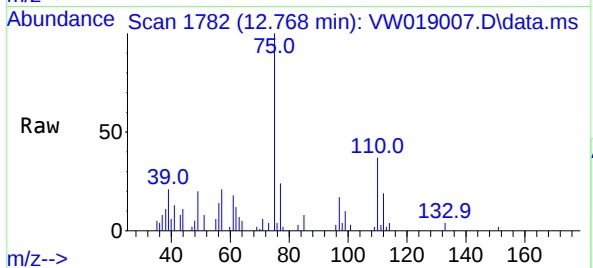
Tgt Ion:	105	Resp:	32405
Ion Ratio	Lower	Upper	
105	100		
120	25.9	21.1	31.7
77	16.4	13.2	19.8





#61
1,2,3-Trichloropropane
Concen: 1.19 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

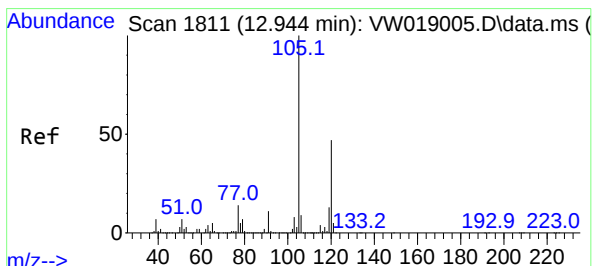
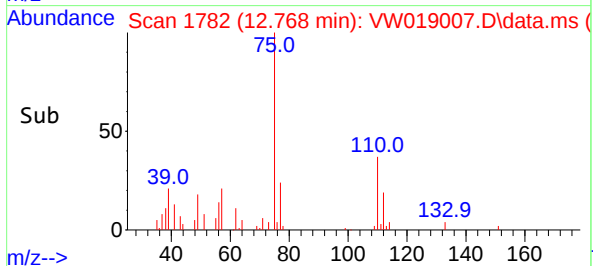
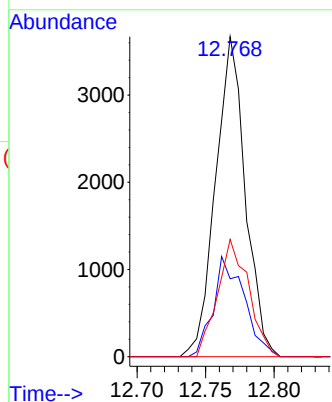
Instrument :
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ClientSampleId :
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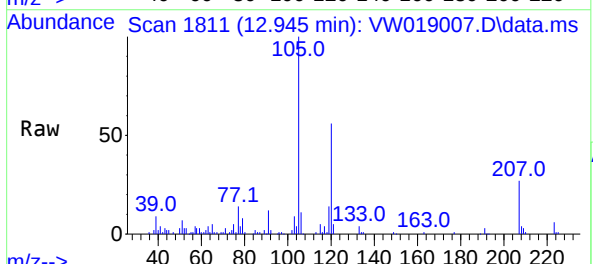
Tgt Ion:	75	Resp:	5545
Ion Ratio	Lower	Upper	
75	100		
77	32.6	25.3	37.9
110	38.2	32.6	48.8

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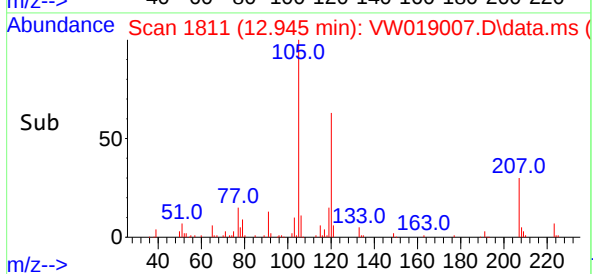
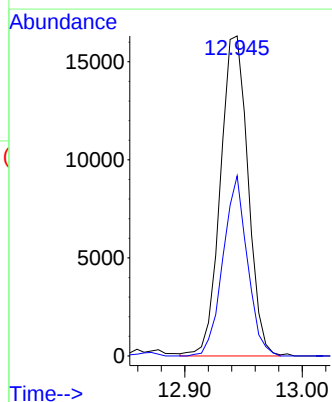
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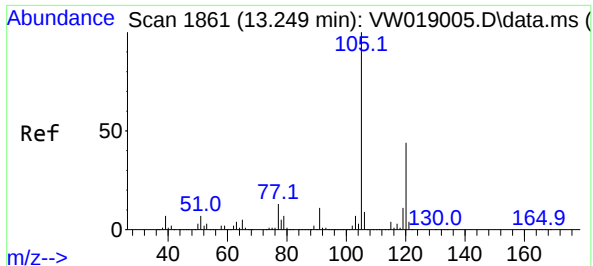


#62
1,3,5-Trimethylbenzene
Concen: 0.88 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50



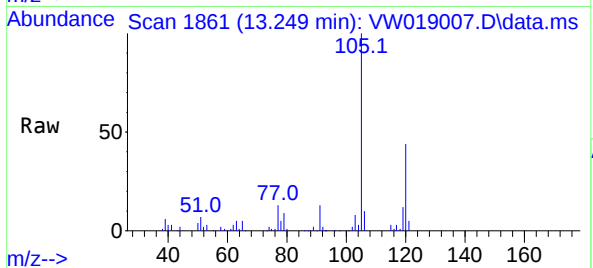
Tgt Ion:	105	Resp:	26648
Ion Ratio	Lower	Upper	
105	100		
120	49.7	39.0	58.6





#63
1,2,4-Trimethylbenzene
Concen: 0.90 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

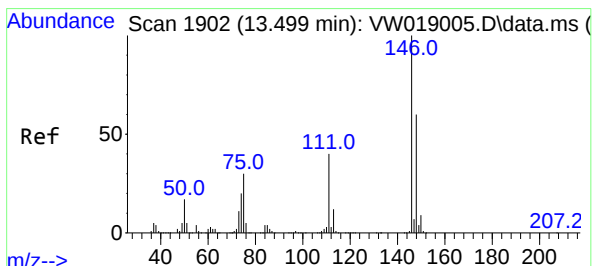
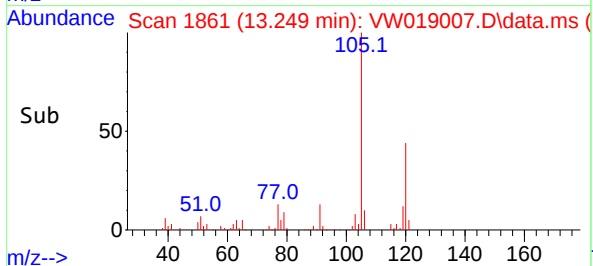
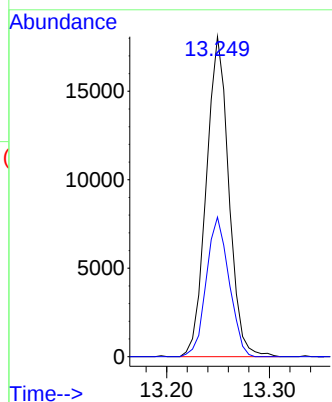
Instrument :
MSVOA_W
ClientSampleId :
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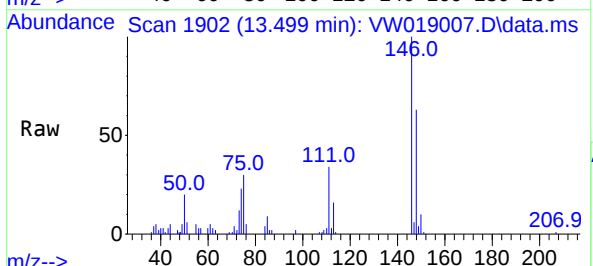
Tgt Ion:105 Resp: 27599
Ion Ratio Lower Upper
105 100
120 44.0 35.6 53.4

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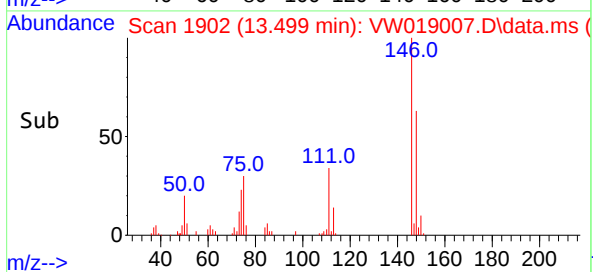
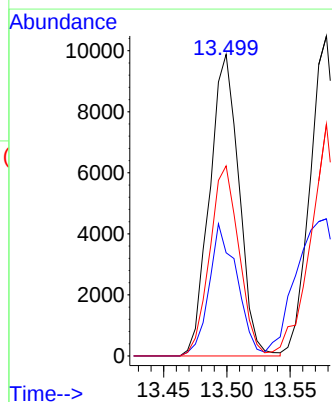
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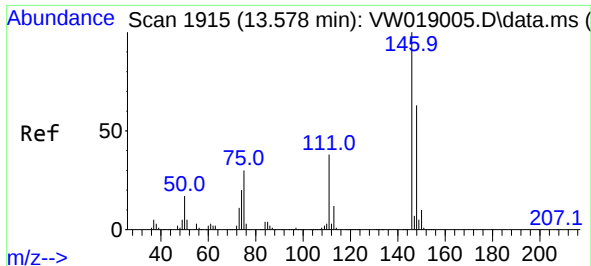


#64
1,3-Dichlorobenzene
Concen: 0.98 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50



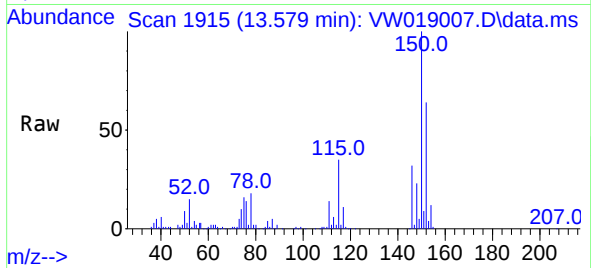
Tgt Ion:146 Resp: 15990
Ion Ratio Lower Upper
146 100
111 34.2 26.7 49.7
148 63.0 41.1 76.3





#65
1,4-Dichlorobenzene
Concen: 1.00 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

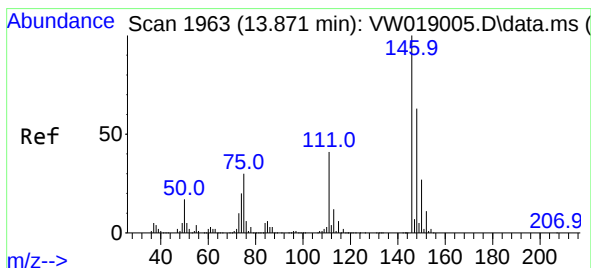
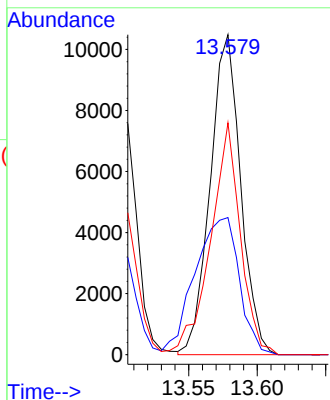
Instrument :
MSVOA_W
ClientSampleId :
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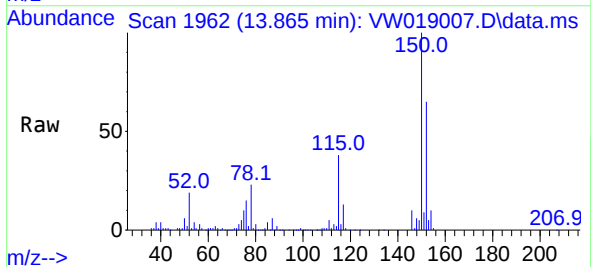
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	28.8	53.4
148	72.4	46.8	87.0

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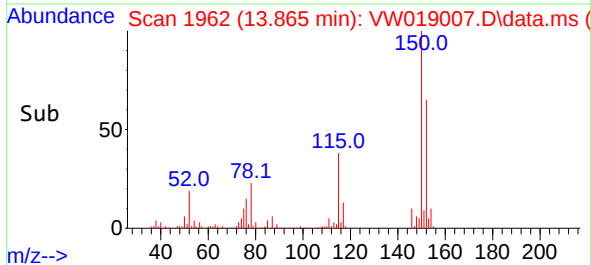
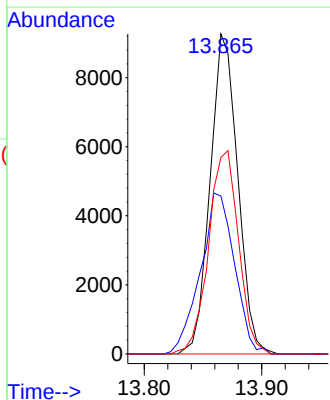
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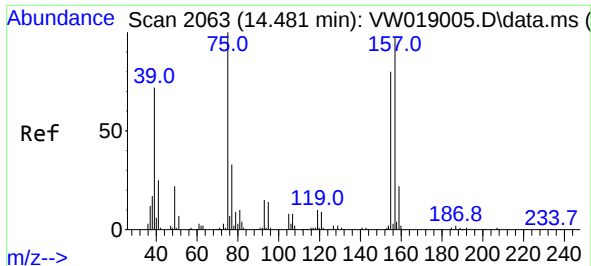


#67
1,2-Dichlorobenzene
Concen: 1.06 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50



Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.4	33.2	49.8
148	61.4	50.4	75.6





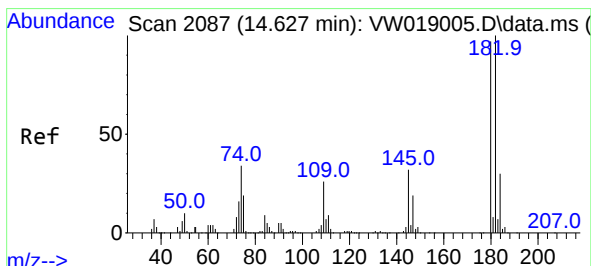
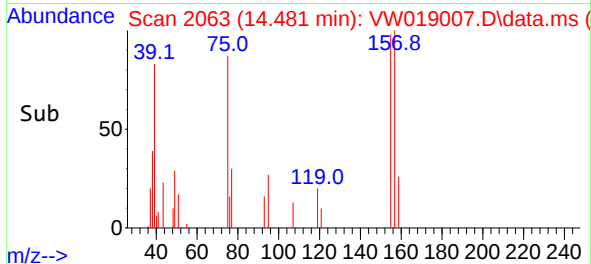
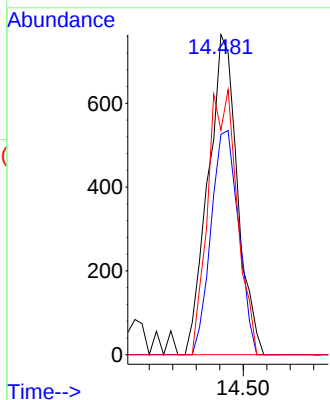
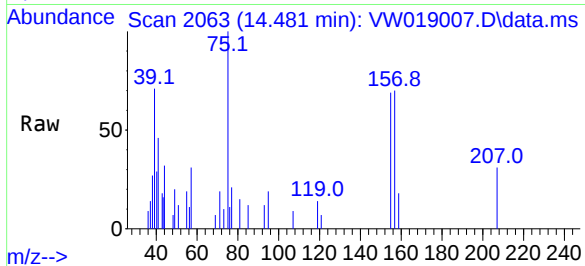
#68
1,2-Dibromo-3-chloropropane
Concen: 1.33 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

Tgt Ion: 75 Resp: 1321
Ion Ratio Lower Upper
75 100
155 68.8 59.4 89.0
157 70.2 72.2 108.2#

Instrument :
MSVOA_W
ClientSampleId :
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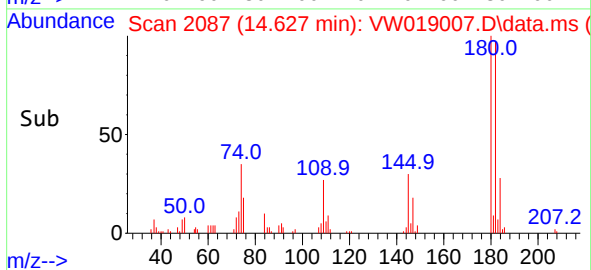
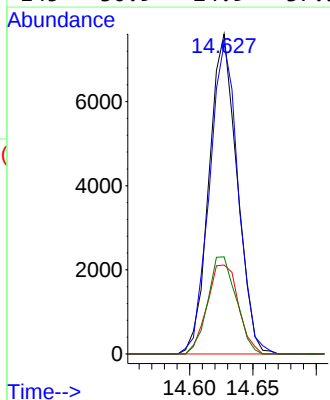
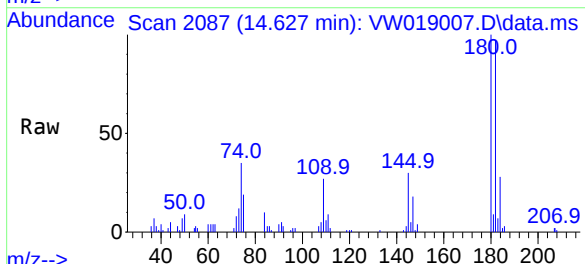
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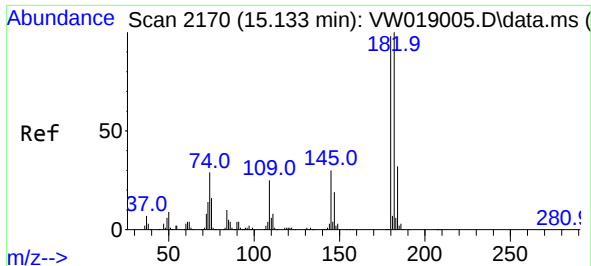
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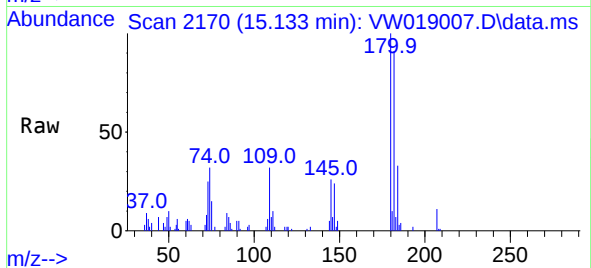
#69
1,3,5-Trichlorobenzene
Concen: 0.99 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50

Tgt Ion:180 Resp: 11713
Ion Ratio Lower Upper
180 100
182 99.4 73.4 110.2
184 30.9 23.6 35.4
145 30.9 24.9 37.3

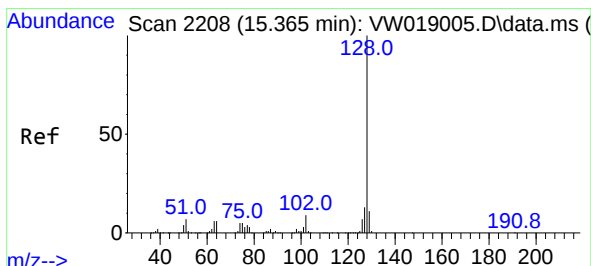
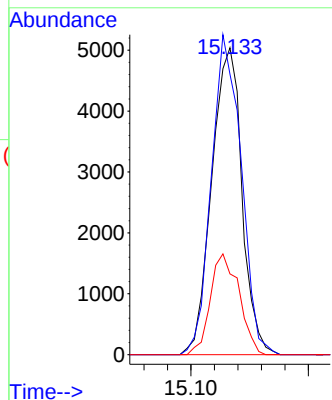
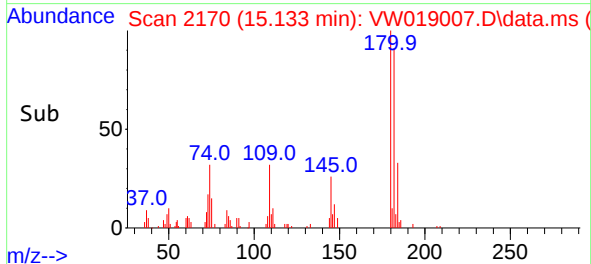




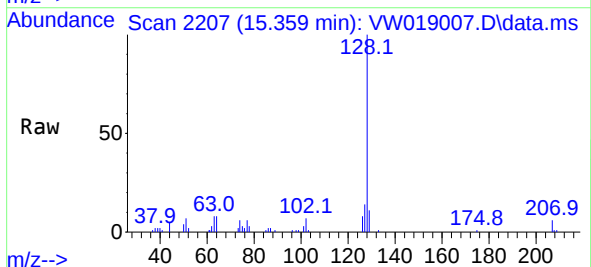
#70
1,2,4-trichlorobenzene
Concen: 0.95 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50



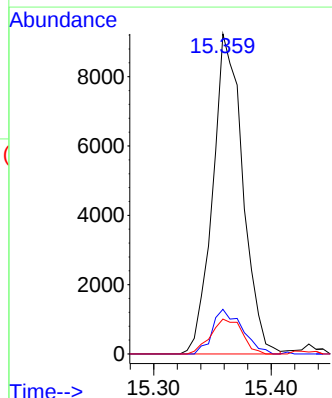
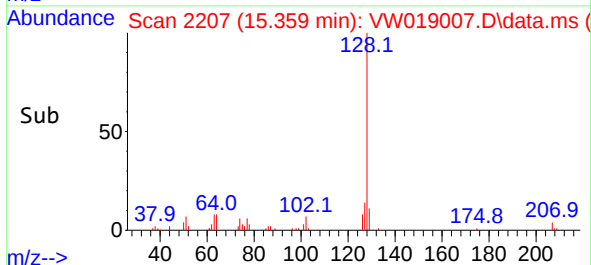
Tgt Ion:180 Resp: 8988
Ion Ratio Lower Upper
180 100
182 102.8 74.7 112.1
145 31.4 25.0 37.4



#71
Naphthalene
Concen: 0.96 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW019007.D
Acq: 17 May 2021 10:50



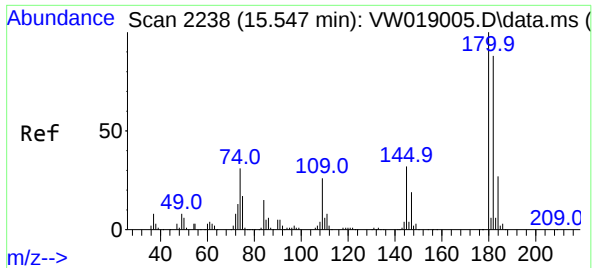
Tgt Ion:128 Resp: 16407
Ion Ratio Lower Upper
128 100
127 13.8 10.6 15.8
129 11.4 9.0 13.6



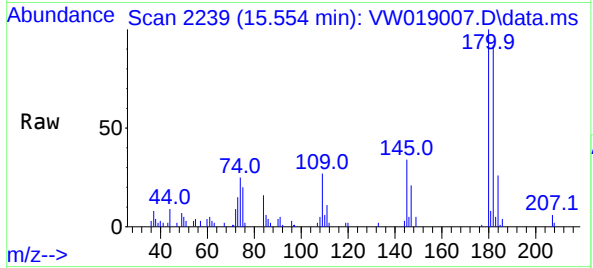
Instrument :
MSVOA_W
ClientSampleId :
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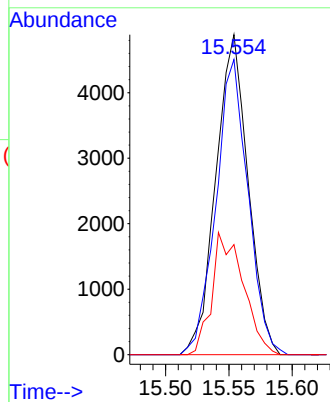
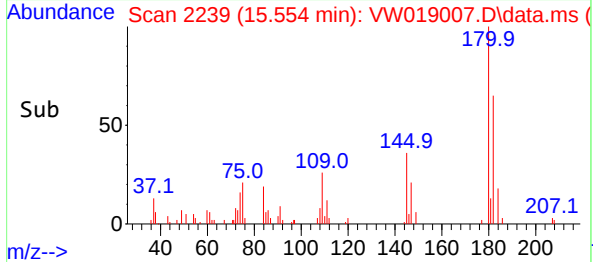
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#72
 1,2,3-Trichlorobenzene
 Concen: 1.04 ug/L
 RT: 15.554 min Scan# 2239
 Delta R.T. 0.007 min
 Lab File: VW019007.D
 Acq: 17 May 2021 10:50



Tgt Ion:	180	Resp:	8662
Ion	Ratio	Lower	Upper
180	100		
182	91.7	76.7	115.1
145	37.2	28.9	43.3



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

Manual Integrations
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