

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051721\
 Data File : VW019008.D
 Acq On : 17 May 2021 11:14
 Operator : SY/VA
 Sample : M2250-04
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: May 18 01:21:46 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	581420	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	534427	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	259946	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	134326	22.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.84%
7) Chloroethane-d5	2.891	69	118708	20.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.24%
11) 1,1-Dichloroethene-d2	4.025	63	208452	15.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.72%
21) 2-Butanone-d5	7.080	46	69733	44.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.50%
24) Chloroform-d	7.647	84	325239	21.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.44%
26) 1,2-Dichloroethane-d4	8.305	65	171841	22.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.92%
32) Benzene-d6	8.275	84	655909	21.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.96%
36) 1,2-Dichloropropane-d6	9.274	67	195873	22.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.60%
41) Toluene-d8	10.329	98	602572	21.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloroprop...	10.579	79	79403	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.48%
47) 2-Hexanone-d5	10.927	63	57121	44.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.36%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	141311	21.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.36%
66) 1,2-Dichlorobenzene-d4	13.853	152	195514	21.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.08%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	5672	0.95	ug/L	92
3) Chloromethane	2.215	50	5395	0.91	ug/L	96
5) Vinyl chloride	2.367	62	9229m	1.21	ug/L	
6) Bromomethane	2.782	94	6307	1.00	ug/L	93
8) Chloroethane	2.934	64	5894	1.10	ug/L	95
9) Trichlorofluoromethane	3.257	101	4698	0.84	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	8901m	1.16	ug/L	
12) 1,1-Dichloroethene	4.044	96	8656	1.16	ug/L #	1
13) Acetone	4.141	43	4219	3.20	ug/L	78
14) Carbon disulfide	4.397	76	19876	0.95	ug/L	96
15) Methyl Acetate	4.684	43	2814m	1.03	ug/L	
16) Methylene chloride	4.928	84	16922m	1.73	ug/L	
17) trans-1,2-Dichloroethene	5.434	96	8311	1.01	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	9507	0.96	ug/L #	69
19) 1,1-Dichloroethane	6.220	63	14712	1.03	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	8797	1.02	ug/L	92
23) Bromochloromethane	7.519	128	3665	0.99	ug/L	93
25) Chloroform	7.677	83	16389	1.12	ug/L	96
27) 1,2-Dichloroethane	8.403	62	10052	1.09	ug/L	99

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.964	56	12037	0.94	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	11627m	1.00	ug/L	
31) Carbon tetrachloride	8.067	117	9791	0.92	ug/L	93
33) Benzene	8.329	78	34067	1.04	ug/L	100
34) Trichloroethene	9.091	95	8808	1.02	ug/L	88
35) Methylcyclohexane	9.335	83	13511	0.90	ug/L	93
37) 1,2-Dichloropropane	9.372	63	8227	1.04	ug/L	99
38) Bromodichloromethane	9.646	83	9747	0.95	ug/L	87
39) cis-1,3-Dichloropropene	10.073	75	11089	0.94	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	9275	2.27	ug/L	96
42) Toluene	10.390	91	44139	1.23	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	8728m	0.85	ug/L	
45) 1,1,2-Trichloroethane	10.792	97	5541	0.96	ug/L	90
46) Tetrachloroethene	10.866	164	6647	0.96	ug/L	95
48) 2-Hexanone	10.969	43	4967	1.87	ug/L #	93
49) Dibromochloromethane	11.128	129	5746	0.89	ug/L	83
50) 1,2-Dibromoethane	11.237	107	5060	0.94	ug/L	90
51) Chlorobenzene	11.658	112	22341	1.00	ug/L	98
52) Ethylbenzene	11.731	91	38570	0.97	ug/L	97
53) m,p-Xylene	11.835	106	13991	0.93	ug/L	92
54) o-Xylene	12.164	106	12422	0.88	ug/L	99
55) Styrene	12.182	104	20008	0.83	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.719	83	7315	1.10	ug/L	88
59) Bromoform	12.353	173	2830	0.84	ug/L	96
60) Isopropylbenzene	12.463	105	33417	0.88	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	4965	1.06	ug/L #	75
62) 1,3,5-Trimethylbenzene	12.944	105	26529	0.87	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	28554	0.92	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	16010	0.97	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	16223	0.99	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	14595	1.01	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	11388	0.95	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	8993	0.94	ug/L	95
71) Naphthalene	15.365	128	15485	0.89	ug/L #	92
72) 1,2,3-Trichlorobenzene	15.548	180	7954	0.95	ug/L	97

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

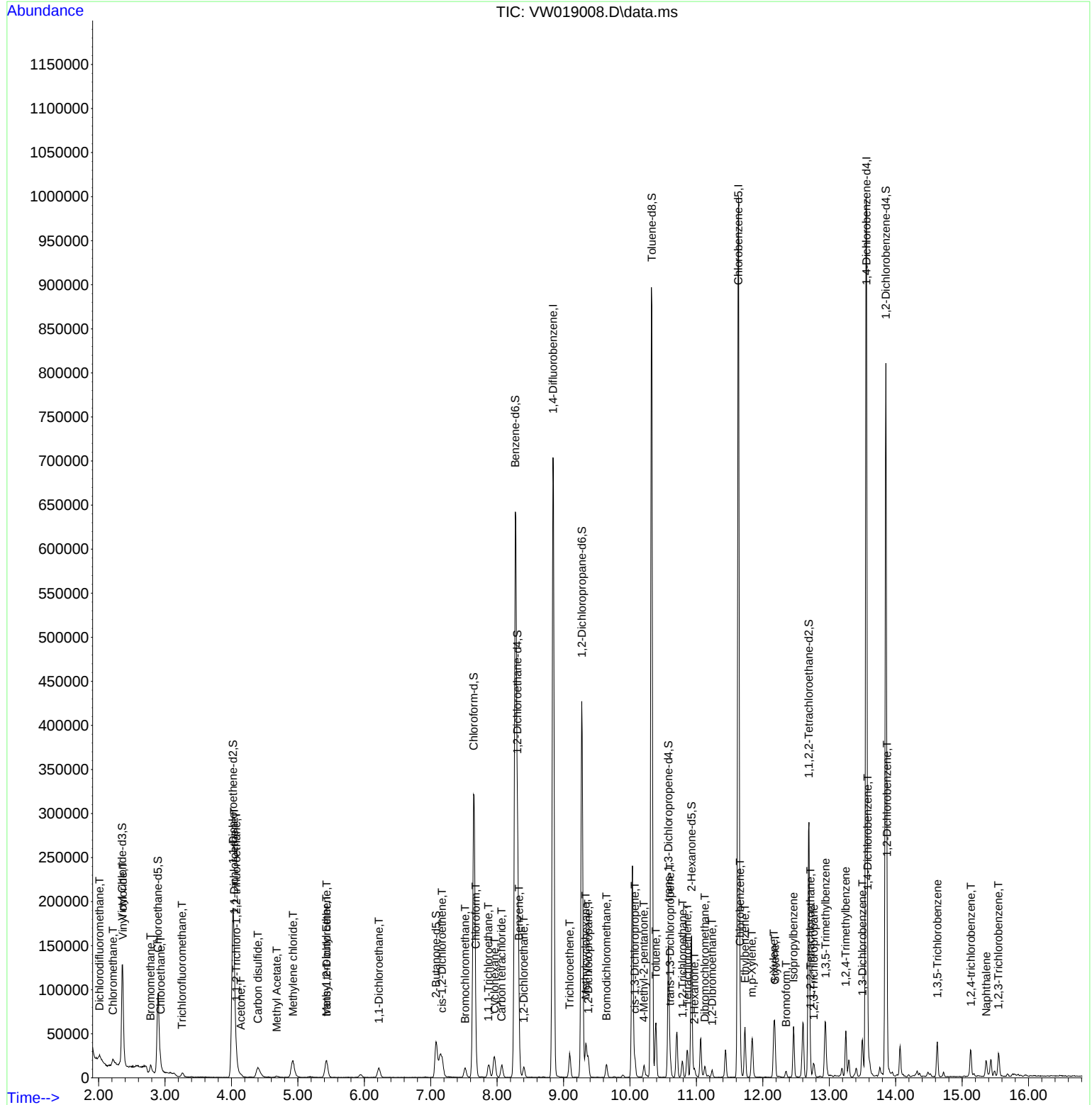
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Operator : SY/VA
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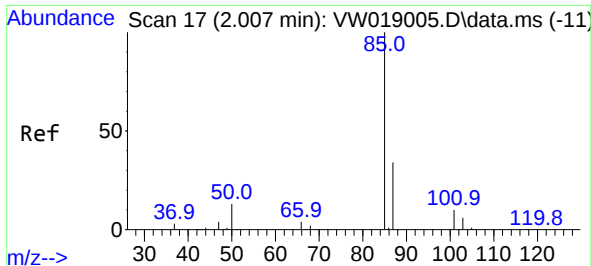
Instrument :
MSVOA_W
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Quant Title : SFAM01.0
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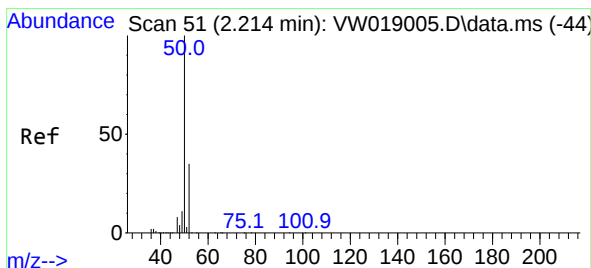
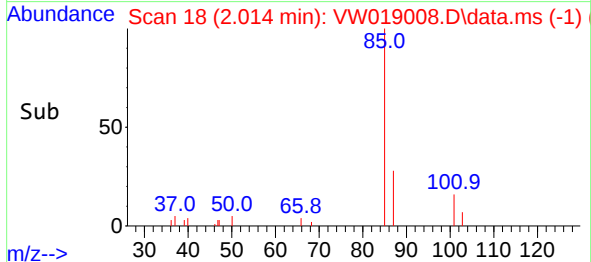
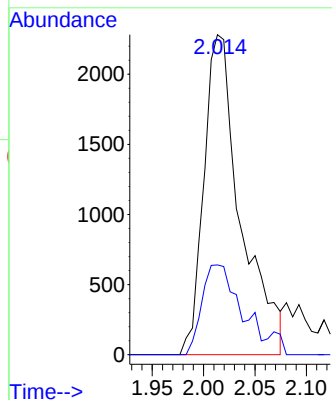
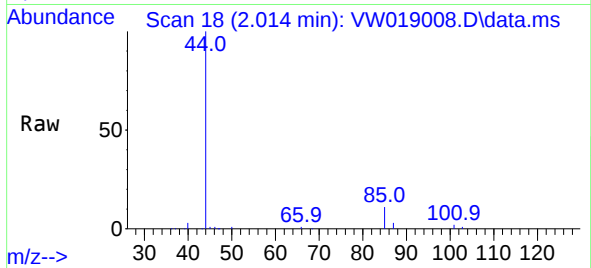
#2
Dichlorodifluoromethane
Concen: 0.95 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.006 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Tgt Ion: 85 Resp: 5672
Ion Ratio Lower Upper
85 100
87 25.0 23.3 34.9

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

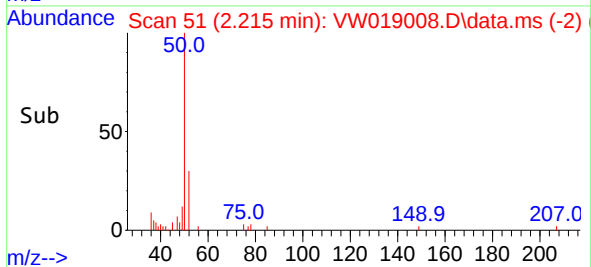
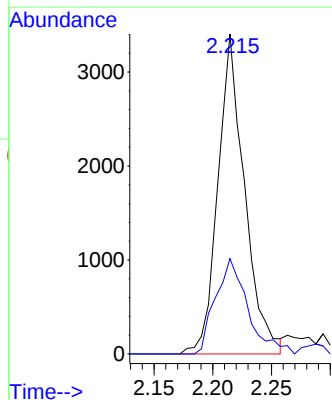
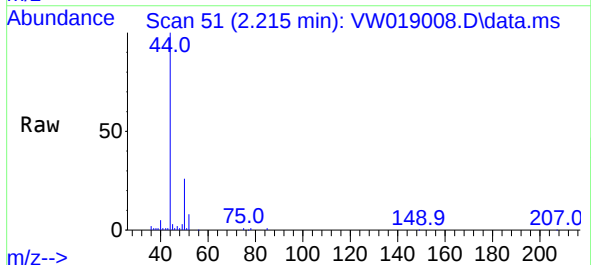
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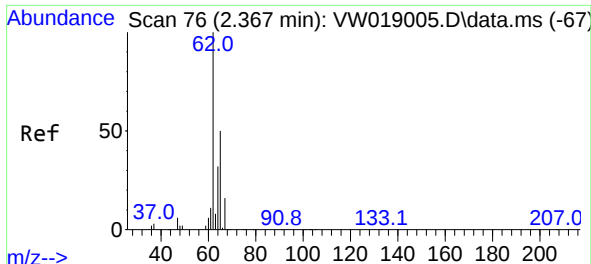
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#3
Chloromethane
Concen: 0.91 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

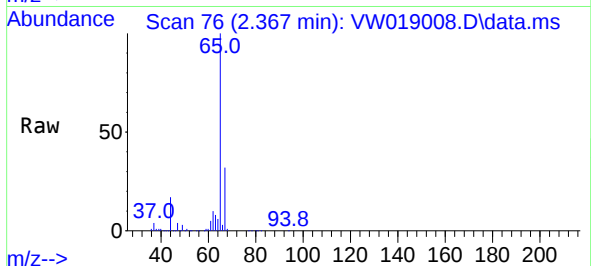
Tgt Ion: 50 Resp: 5395
Ion Ratio Lower Upper
50 100
52 29.8 22.5 41.9





#5
 Vinyl chloride
 Concen: 1.21 ug/L m
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW019008.D
 Acq: 17 May 2021 11:14

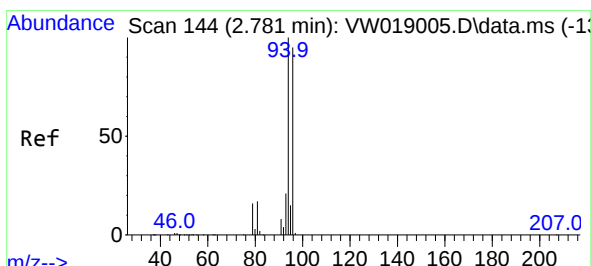
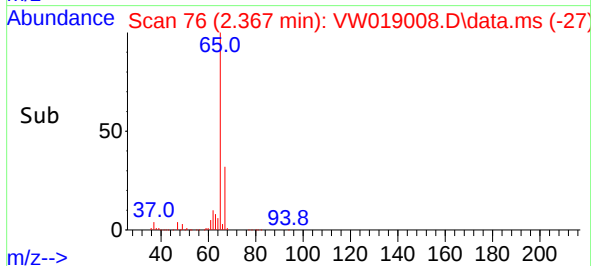
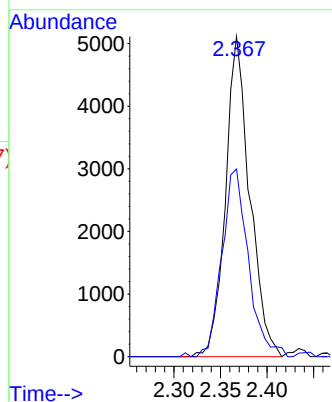
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2021-06



Tgt Ion: 62 Resp: 9229
 Ion Ratio Lower Upper
 62 100
 64 58.6 24.2 45.0#

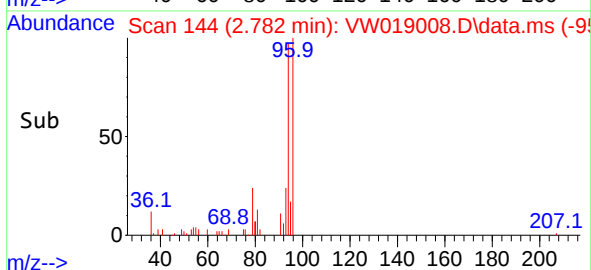
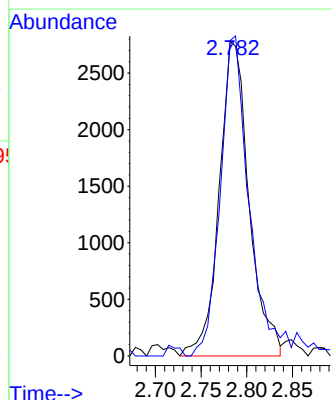
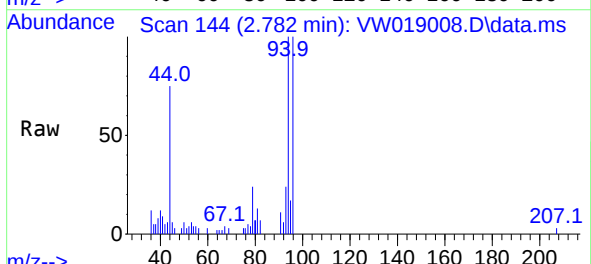
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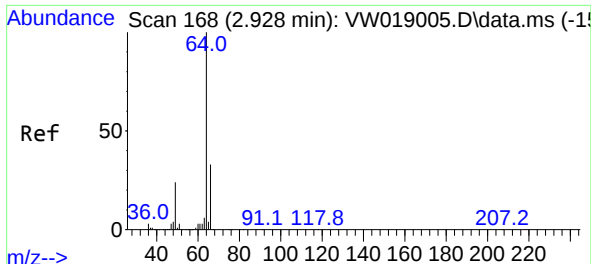
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#6
 Bromomethane
 Concen: 1.00 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW019008.D
 Acq: 17 May 2021 11:14

Tgt Ion: 94 Resp: 6307
 Ion Ratio Lower Upper
 94 100
 96 100.2 65.3 121.3





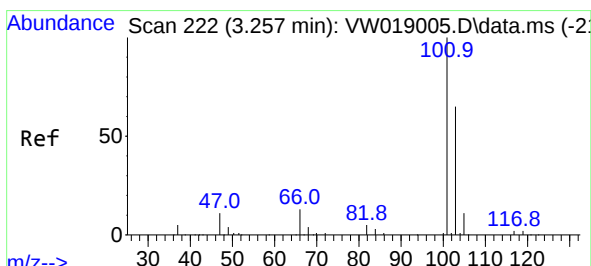
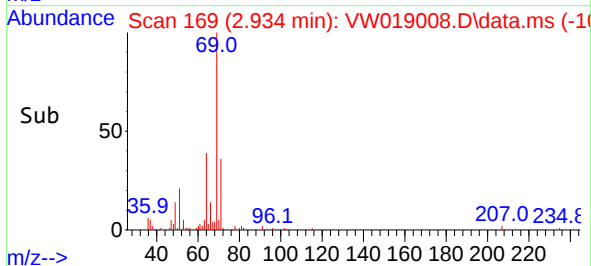
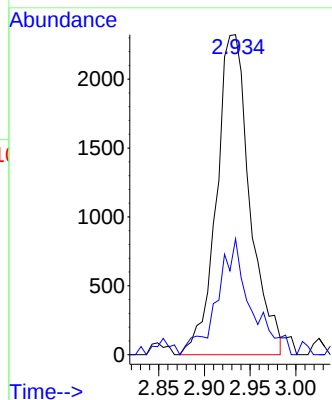
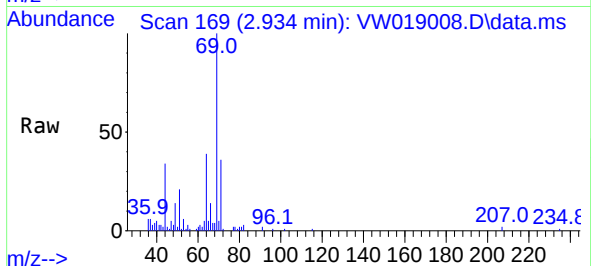
#8
Chloroethane
Concen: 1.10 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.006 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Tgt Ion: 64 Resp: 5894
Ion Ratio Lower Upper
64 100
66 36.2 23.4 43.6

Instrument :
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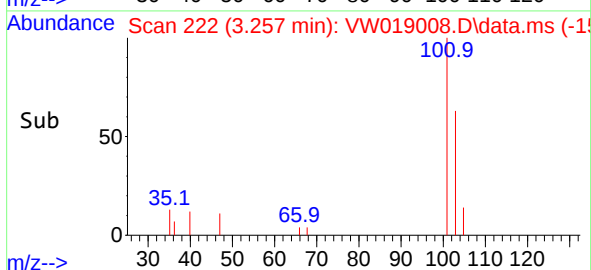
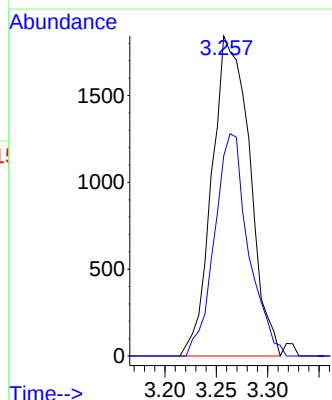
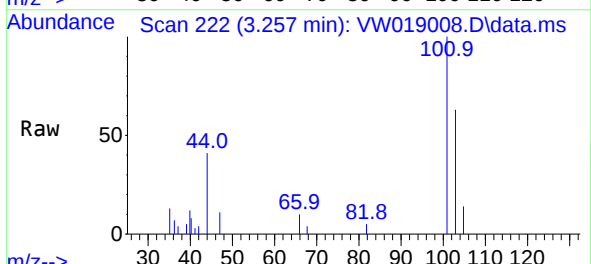
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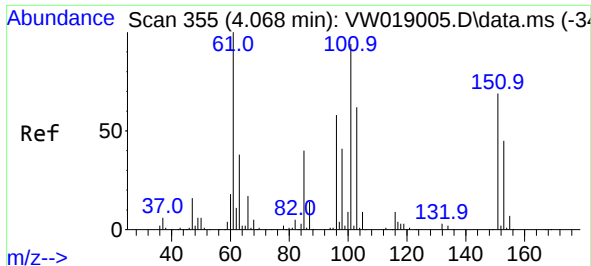
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#9
Trichlorofluoromethane
Concen: 0.84 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Tgt Ion: 101 Resp: 4698
Ion Ratio Lower Upper
101 100
103 62.6 51.0 76.4





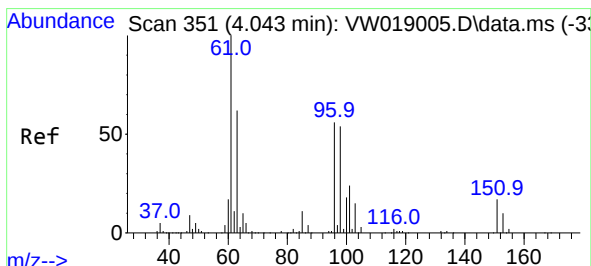
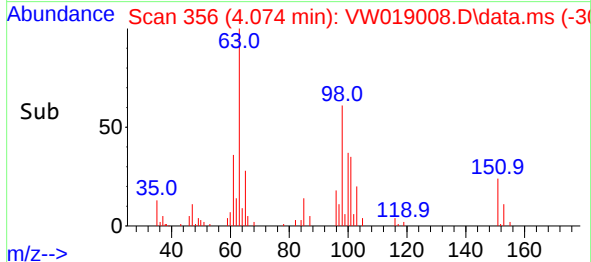
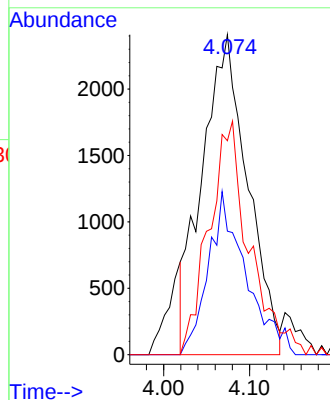
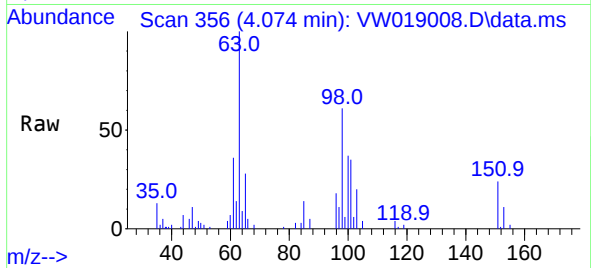
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.16 ug/L m
RT: 4.074 min Scan# 356
Delta R.T. 0.006 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Tgt Ion: 101 Resp: 8901
Ion Ratio Lower Upper
101 100
85 38.3 38.2 57.2
151 51.5 56.6 85.0#

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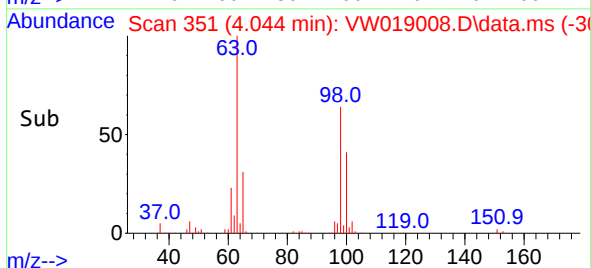
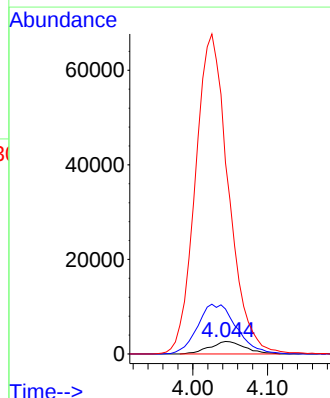
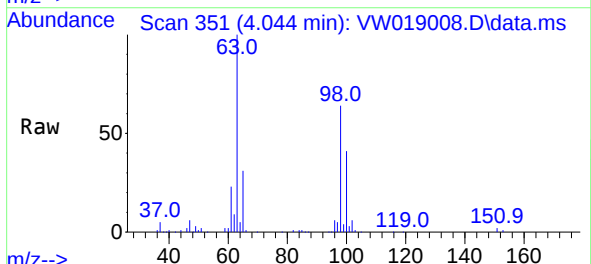
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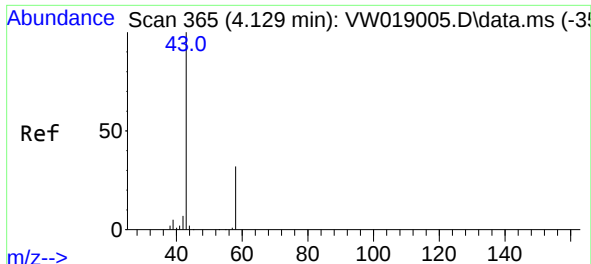
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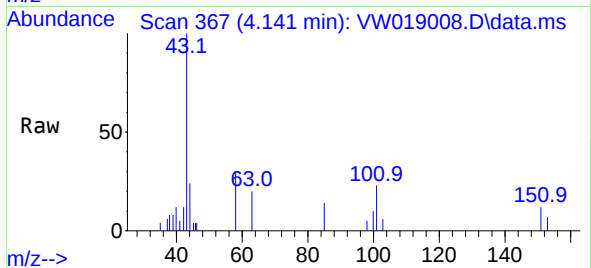
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1,1-Dichloroethene
Concen: 1.16 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Tgt Ion: 96 Resp: 8656
Ion Ratio Lower Upper
96 100
61 361.7 118.1 219.3#
63 1539.5 83.7 155.5#

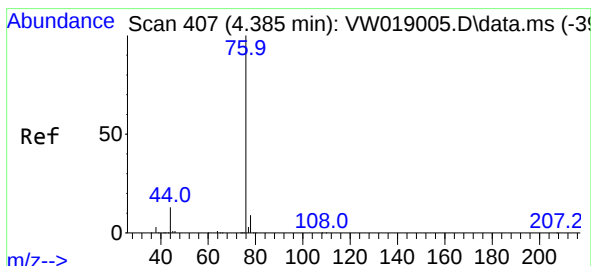
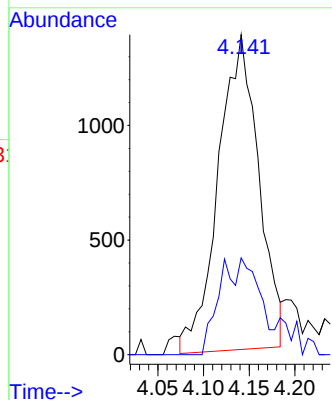
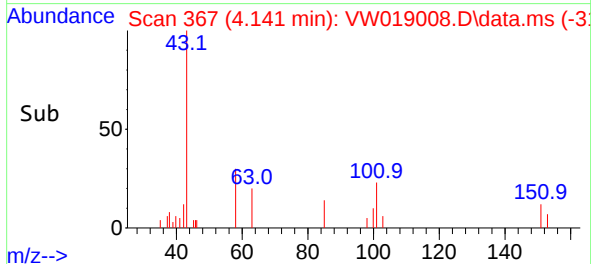




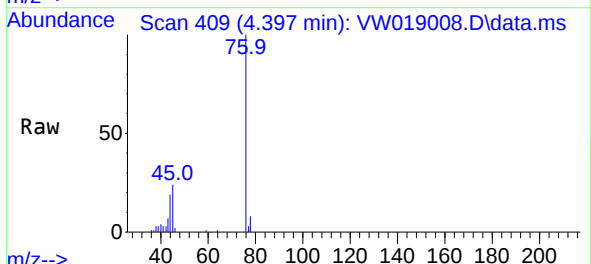
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Acetone
Concen: 3.20 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14



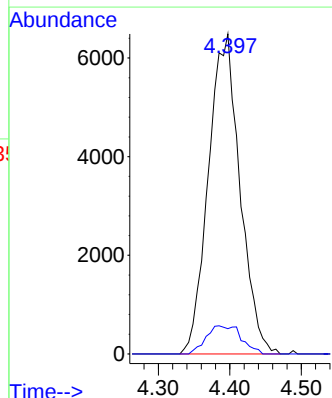
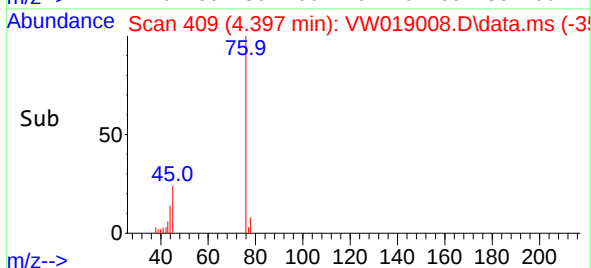
Tgt Ion: 43 Resp: 4219
Ion Ratio Lower Upper
43 100
58 15.6 0.0 53.8



#14
Carbon disulfide
Concen: 0.95 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.012 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14



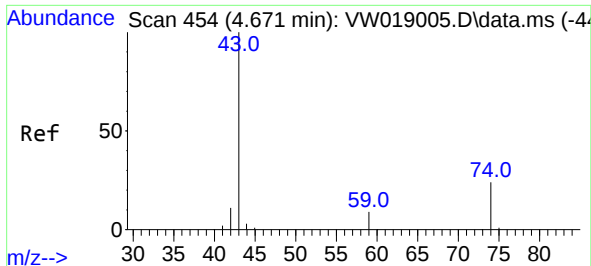
Tgt Ion: 76 Resp: 19876
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0



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

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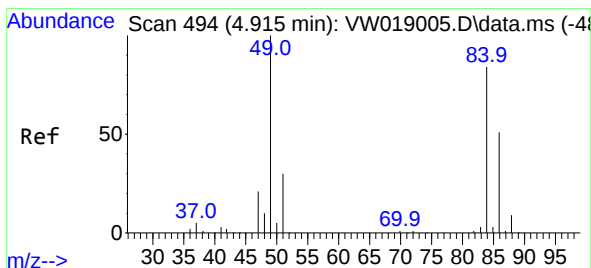
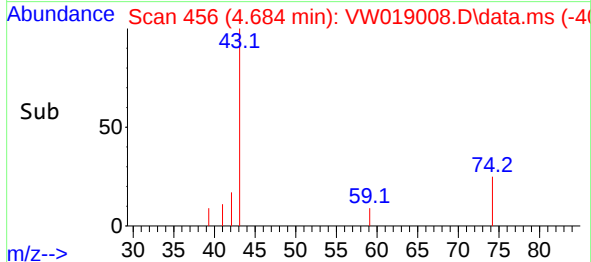
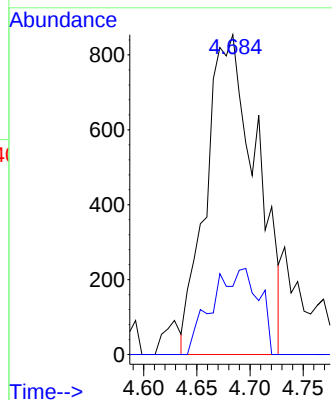
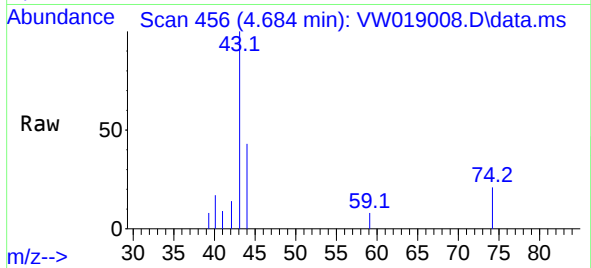
#15
Methyl Acetate
Concen: 1.03 ug/L m
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Tgt Ion: 43 Resp: 2814
Ion Ratio Lower Upper
43 100
74 6.6 20.0 30.0#

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

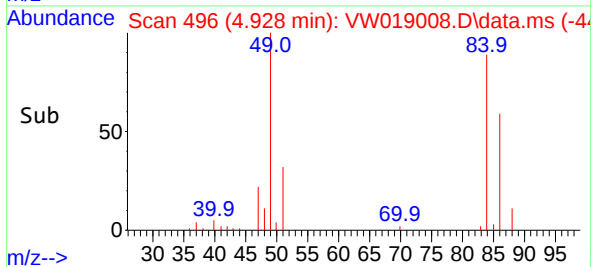
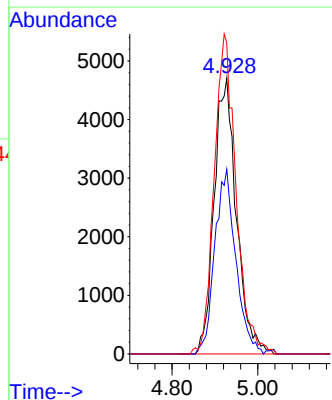
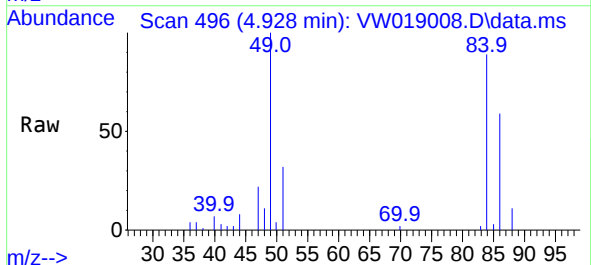
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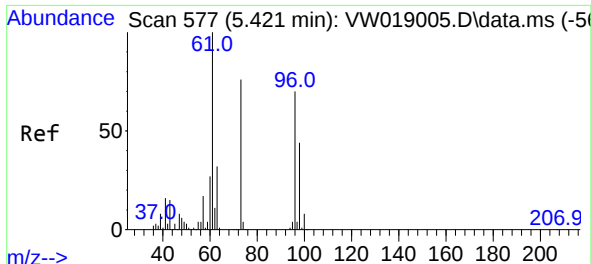
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#16
Methylene chloride
Concen: 1.73 ug/L m
RT: 4.928 min Scan# 496
Delta R.T. 0.013 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

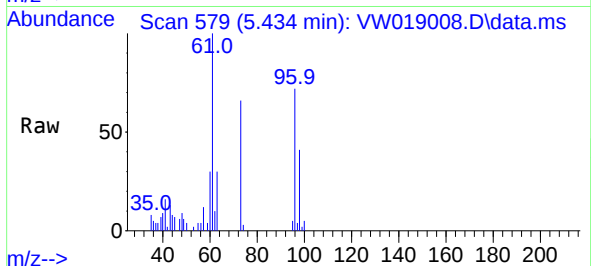
Tgt Ion: 84 Resp: 16922
Ion Ratio Lower Upper
84 100
86 67.0 45.3 84.1
49 112.8 86.6 160.8





#17
trans-1,2-Dichloroethene
Concen: 1.01 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

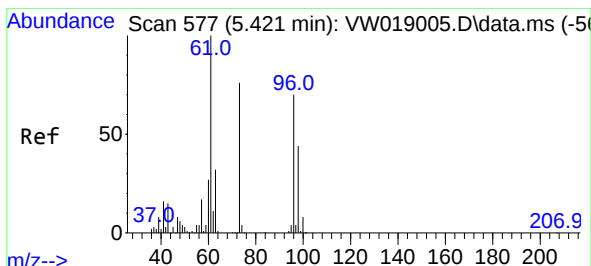
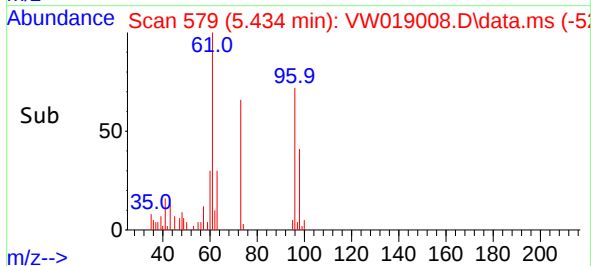
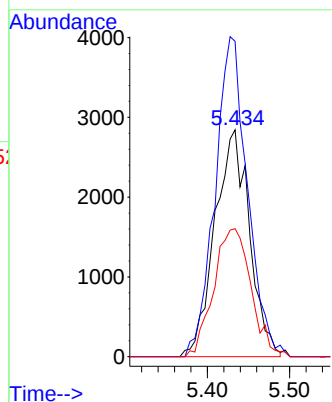
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06



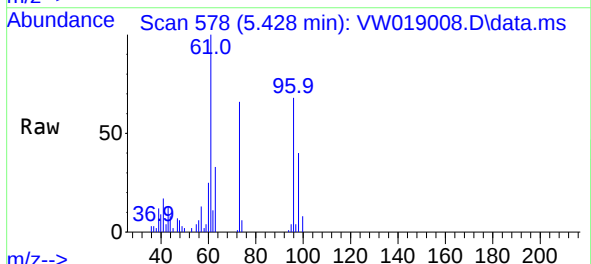
Tgt Ion: 96 Resp: 8311
Ion Ratio Lower Upper
96 100
61 139.0 98.3 182.7
98 56.4 46.1 85.7

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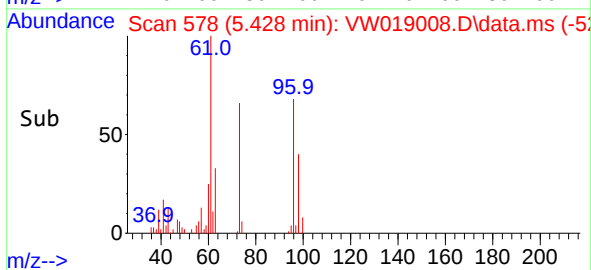
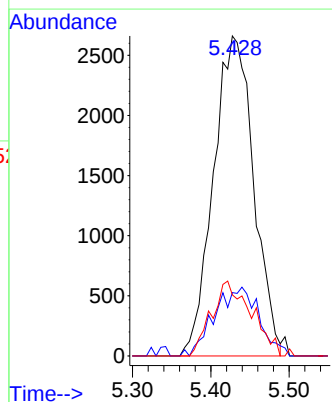
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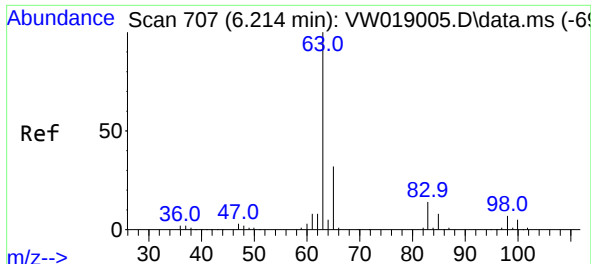


#18
Methyl tert-butyl Ether
Concen: 0.96 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14



Tgt Ion: 73 Resp: 9507
Ion Ratio Lower Upper
73 100
43 8.9 17.7 26.5#
57 4.8 17.0 25.4#





#19

1,1-Dichloroethane

Concen: 1.03 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.006 min

Lab File: VW019008.D

Acq: 17 May 2021 11:14

Tgt Ion:	63	Resp:	14712
Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.9	42.5
83	11.9	10.2	19.0

Instrument :

MSVOA_W

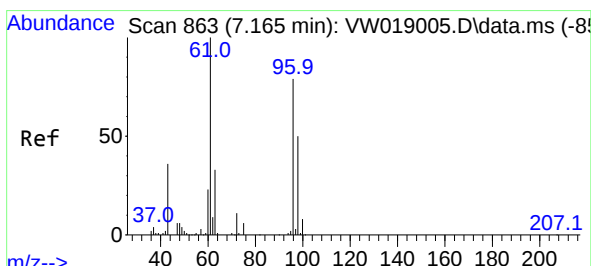
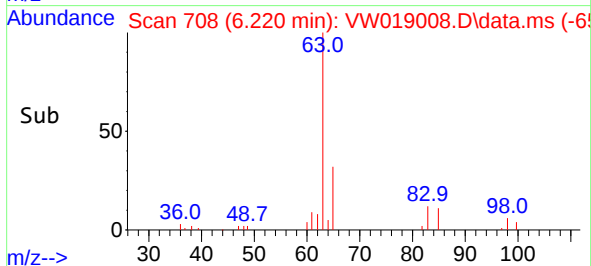
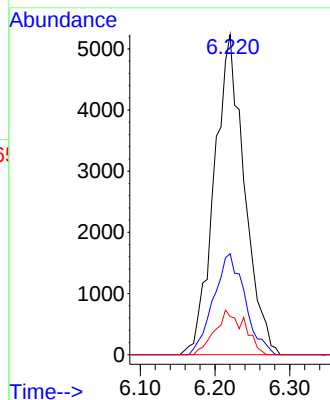
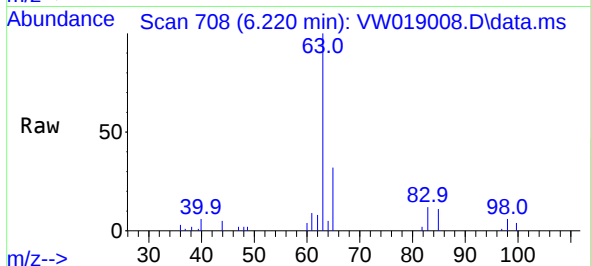
ClientSampleId :

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#20

cis-1,2-Dichloroethene

Concen: 1.02 ug/L

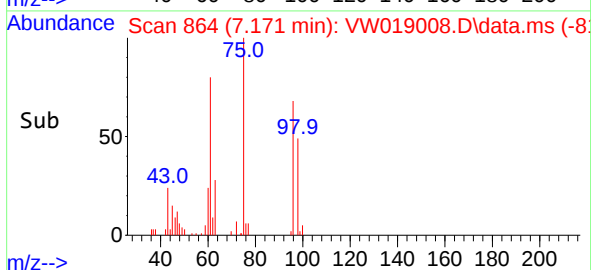
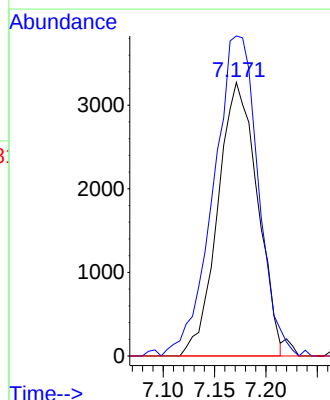
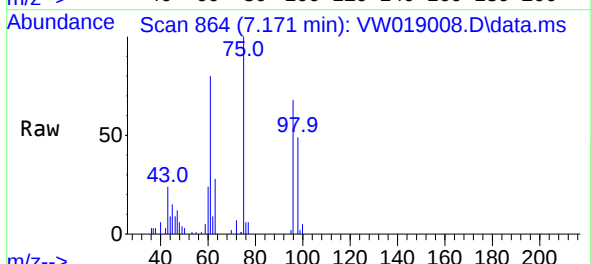
RT: 7.171 min Scan# 864

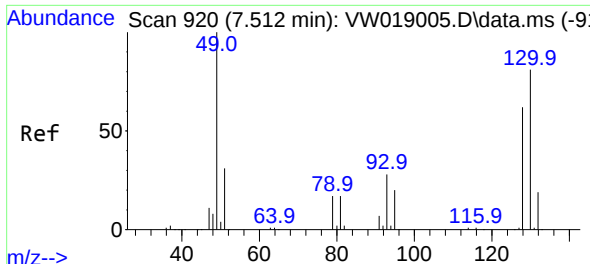
Delta R.T. 0.006 min

Lab File: VW019008.D

Acq: 17 May 2021 11:14

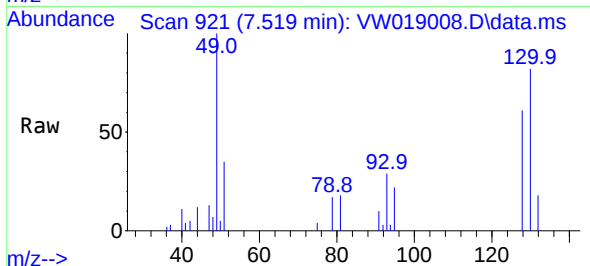
Tgt Ion:	96	Resp:	8797
Ion	Ratio	Lower	Upper
96	100		
61	117.0	88.5	164.3
68	0.0	0.0	0.0





#23
Bromochloromethane
Concen: 0.99 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Instrument :
MSVOA_W
ClientSampleId :
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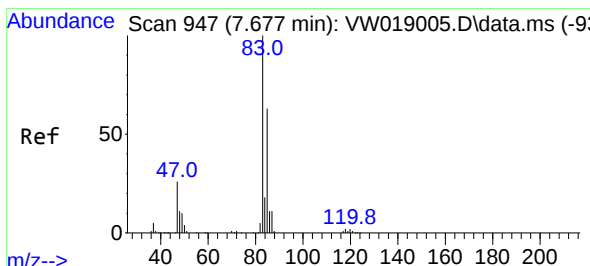
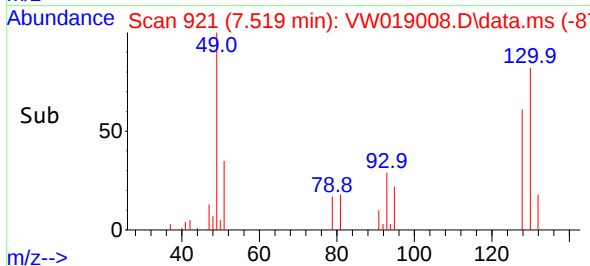
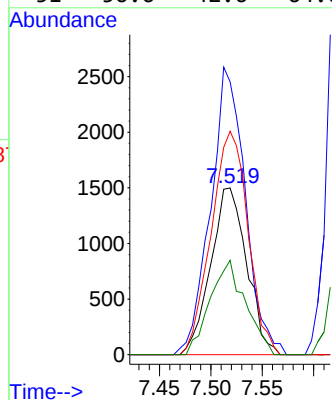


Tgt Ion: 128 Resp: 3665

Ion	Ratio	Lower	Upper
128	100		
49	163.6	116.3	215.9
130	134.0	82.4	153.0
51	56.6	42.6	64.0

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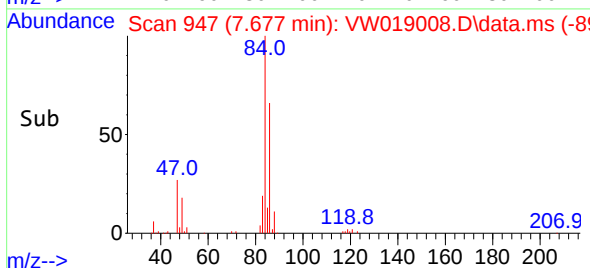
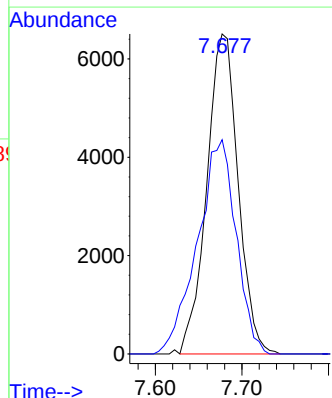
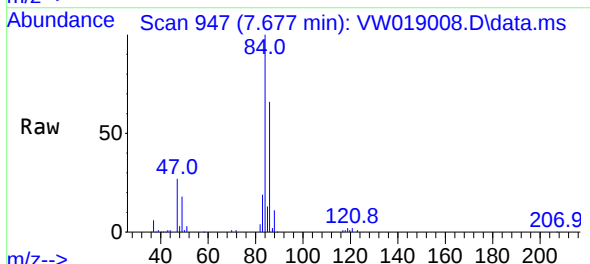
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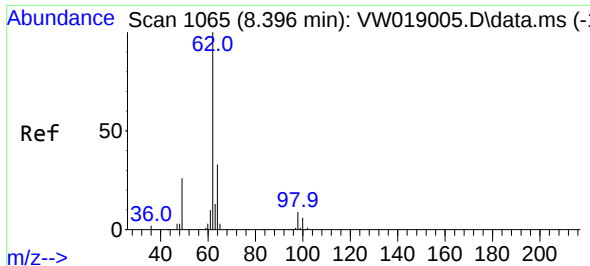


#25
Chloroform
Concen: 1.12 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Tgt Ion: 83 Resp: 16389

Ion	Ratio	Lower	Upper
83	100		
85	67.0	44.6	82.8





#27

1,2-Dichloroethane

Concen: 1.09 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW019008.D

Acq: 17 May 2021 11:14

Tgt Ion: 62 Resp: 10052

Ion Ratio Lower Upper

62 100

98 8.2 6.9 10.3

Instrument :

MSVOA_W

ClientSampleId :

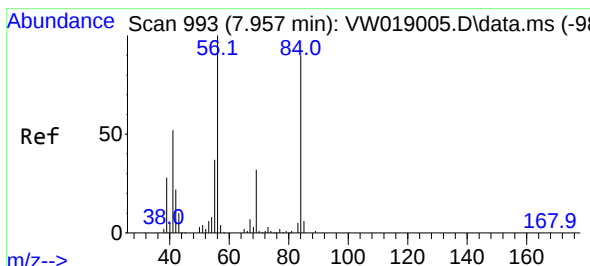
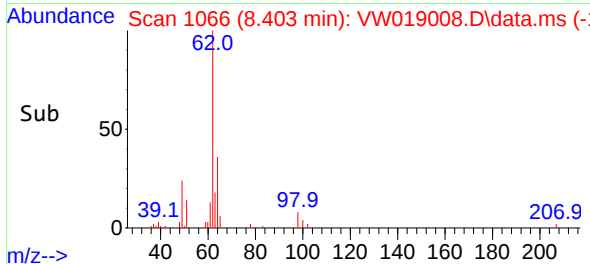
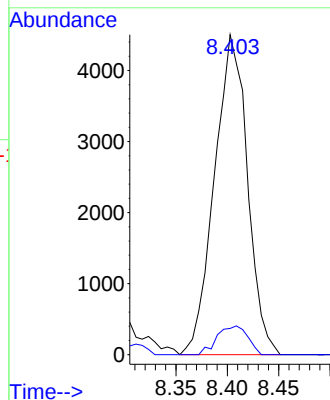
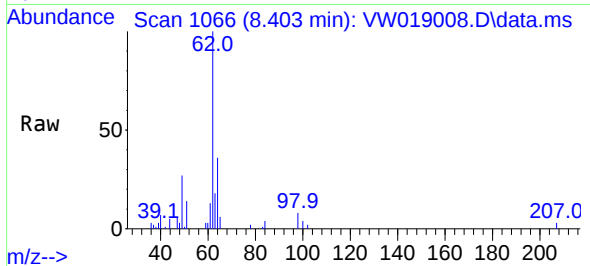
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#29

Cyclohexane

Concen: 0.94 ug/L

RT: 7.964 min Scan# 994

Delta R.T. 0.006 min

Lab File: VW019008.D

Acq: 17 May 2021 11:14

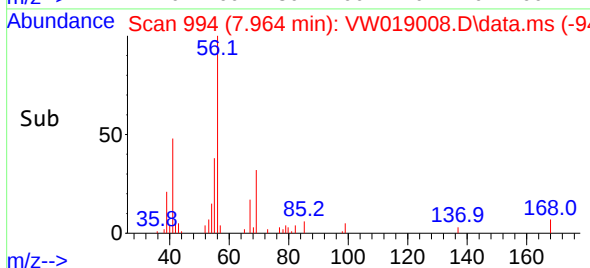
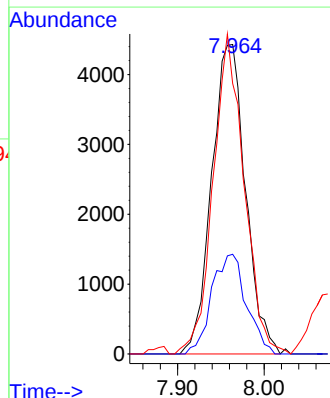
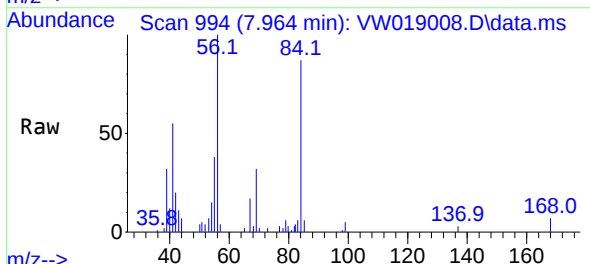
Tgt Ion: 56 Resp: 12037

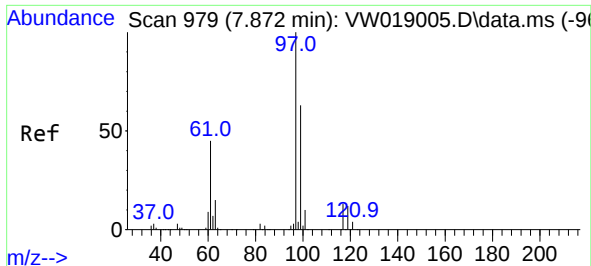
Ion Ratio Lower Upper

56 100

69 33.0 24.5 36.7

84 94.2 75.0 112.4





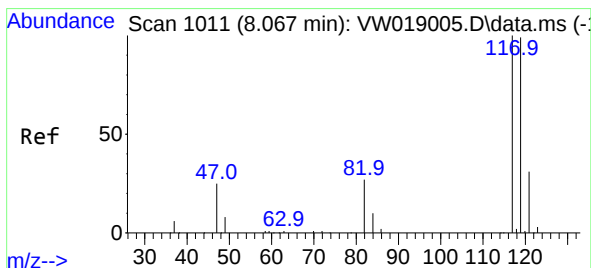
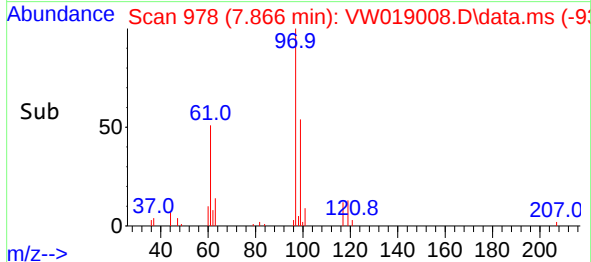
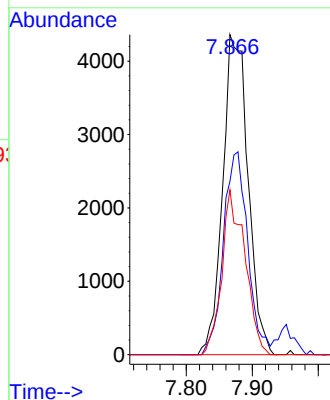
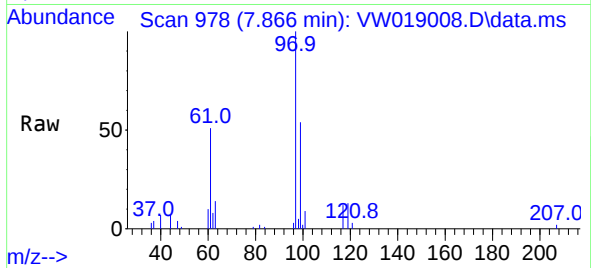
#30
1,1,1-Trichloroethane
Concen: 1.00 ug/L m
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Tgt Ion: 97	Resp: 11627
Ion Ratio	Lower Upper
97 100	
99 61.1	51.4 77.2
61 31.7	37.8 56.6#

Instrument :
MSVOA_W
ClientSampleId :
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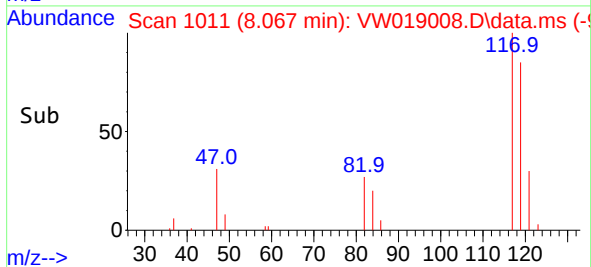
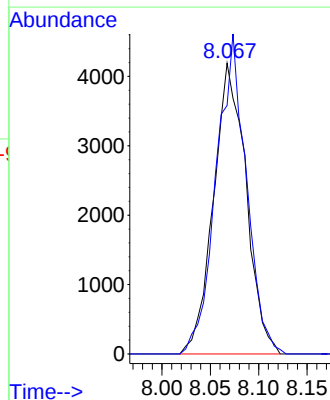
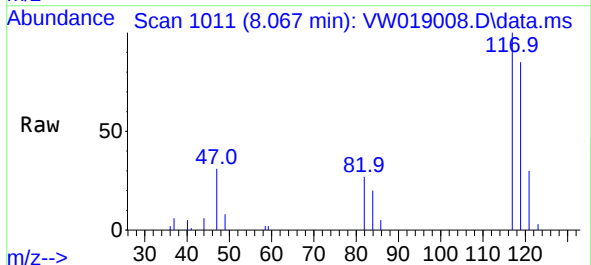
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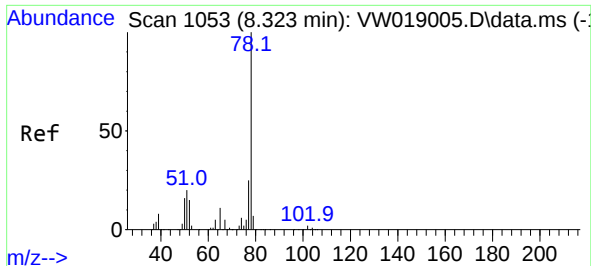
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#31
Carbon tetrachloride
Concen: 0.92 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Tgt Ion: 117	Resp: 9791
Ion Ratio	Lower Upper
117 100	
119 102.1	76.5 114.7





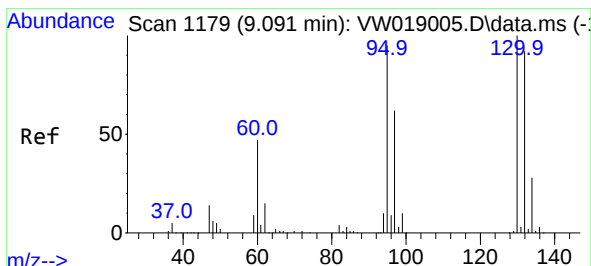
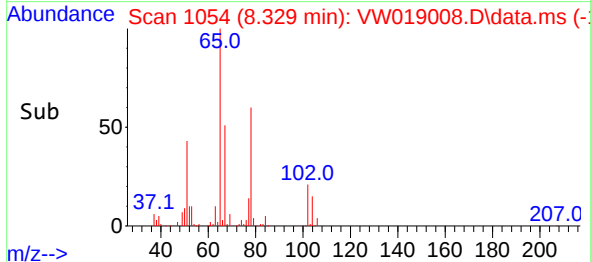
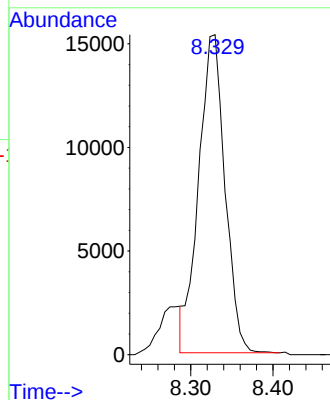
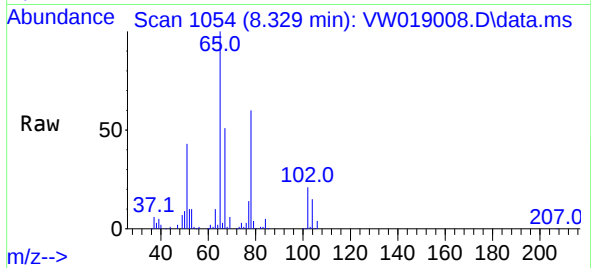
#33
Benzene
Concen: 1.04 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Tgt Ion: 78 Resp: 34067

Instrument :
MSVOA_W
ClientSampleId :
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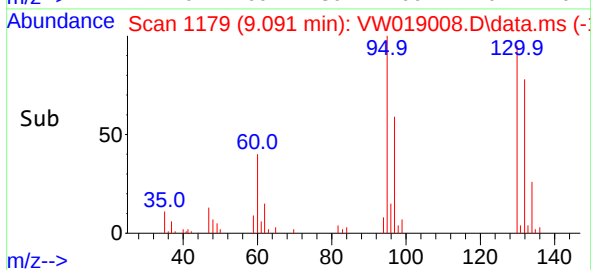
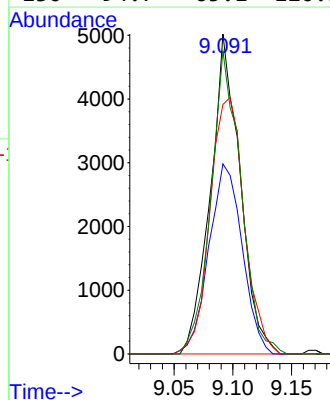
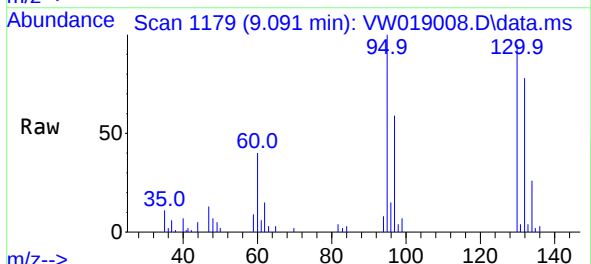
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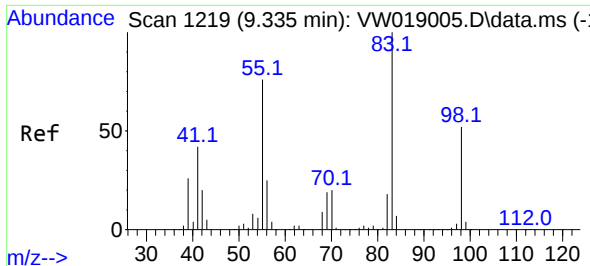


#34
Trichloroethene
Concen: 1.02 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Tgt Ion: 95 Resp: 8808

Ion	Ratio	Lower	Upper
95	100		
97	59.4	47.3	87.8
132	77.9	71.0	131.8
130	94.7	65.1	120.9





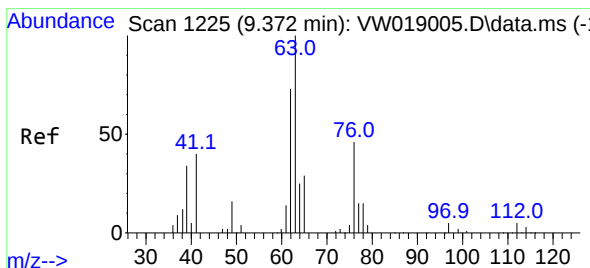
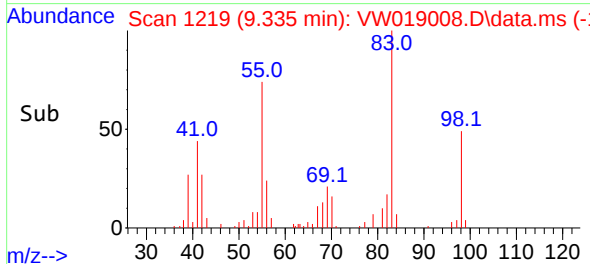
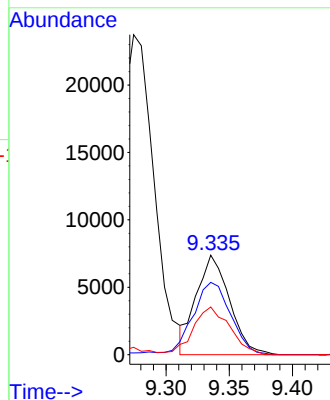
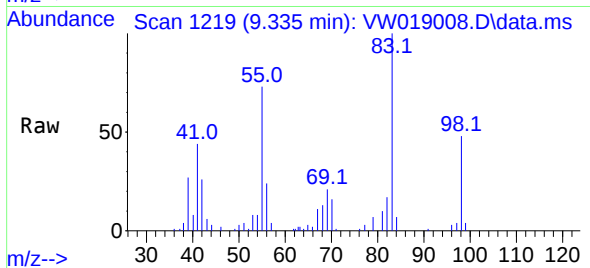
#35
Methylcyclohexane
Concen: 0.90 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Tgt Ion: 83 Resp: 13511
Ion Ratio Lower Upper
83 100
55 82.1 58.9 88.3
98 52.5 40.1 60.1

Instrument :
MSVOA_W
ClientSampleId :
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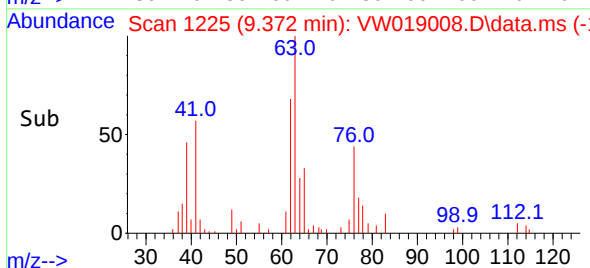
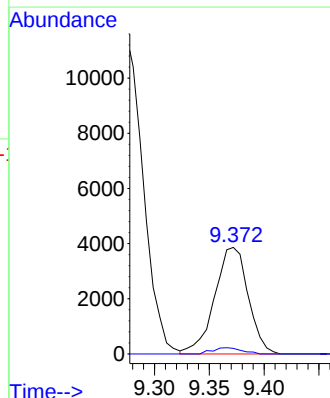
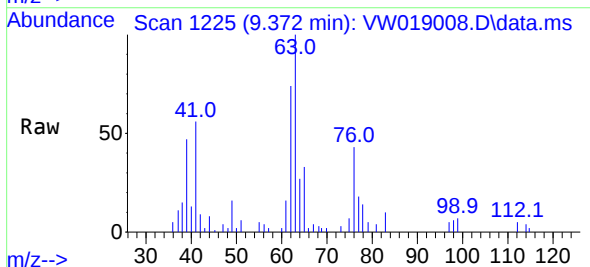
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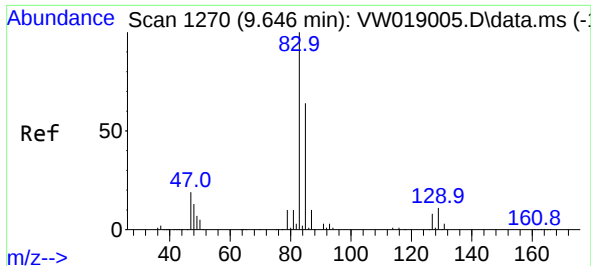
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#37
1,2-Dichloropropane
Concen: 1.04 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

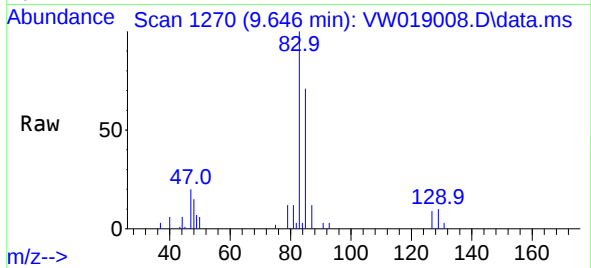
Tgt Ion: 63 Resp: 8227
Ion Ratio Lower Upper
63 100
112 5.1 3.9 5.9





#38
Bromodichloromethane
Concen: 0.95 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

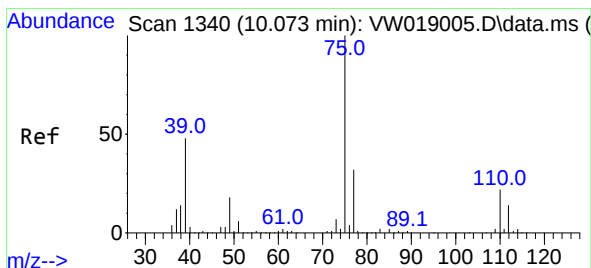
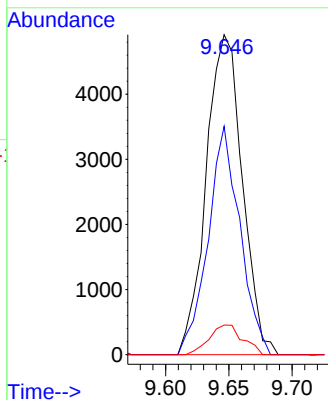
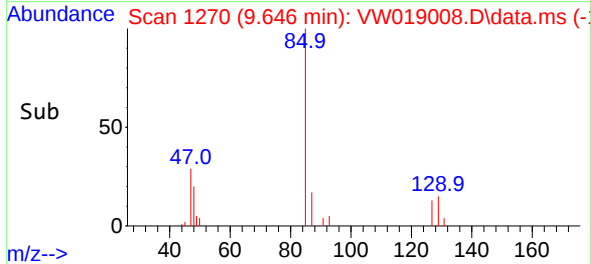
Instrument :
MSVOA_W
ClientSampleId :
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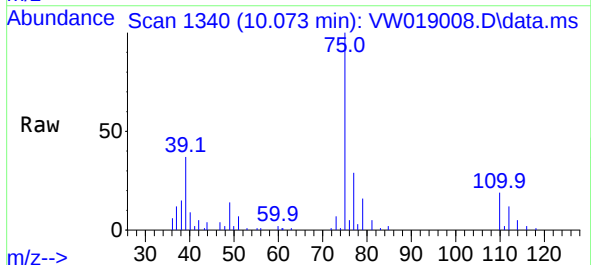
Tgt Ion: 83 Resp: 9747
Ion Ratio Lower Upper
83 100
85 71.4 42.3 78.5
127 9.2 6.6 9.8

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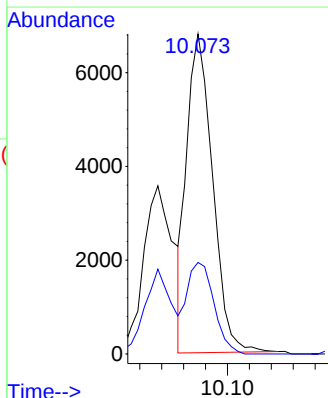
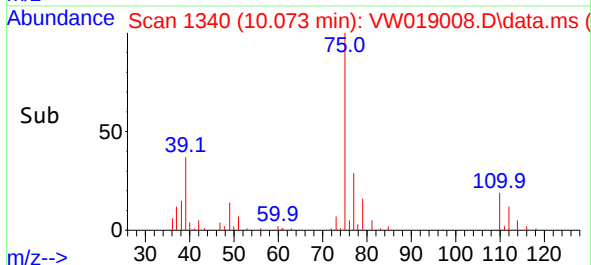
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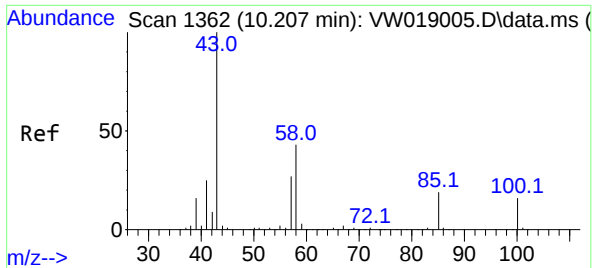


#39
cis-1,3-Dichloropropene
Concen: 0.94 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14



Tgt Ion: 75 Resp: 11089
Ion Ratio Lower Upper
75 100
77 28.6 22.6 42.0





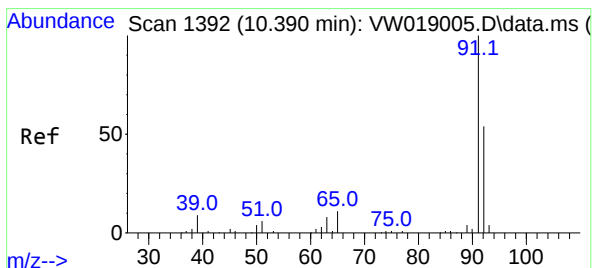
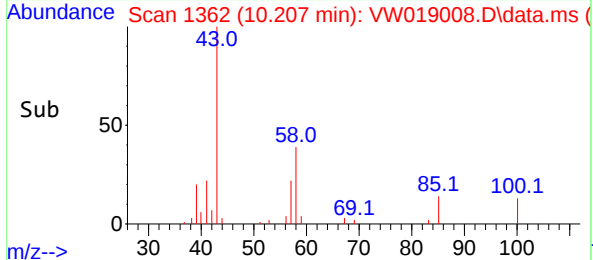
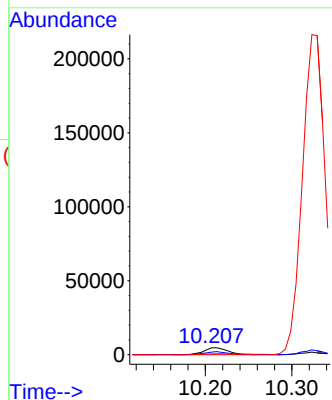
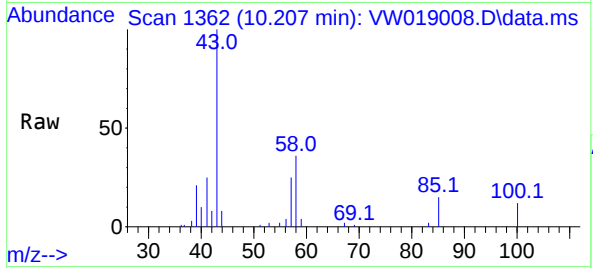
#40
4-Methyl-2-pentanone
Concen: 2.27 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Tgt Ion:	43	Resp:	9275
Ion	Ratio	Lower	Upper
43	100		
58	40.5	31.0	46.4
100	13.6	13.0	19.6

Instrument :
MSVOA_W
ClientSampleId :
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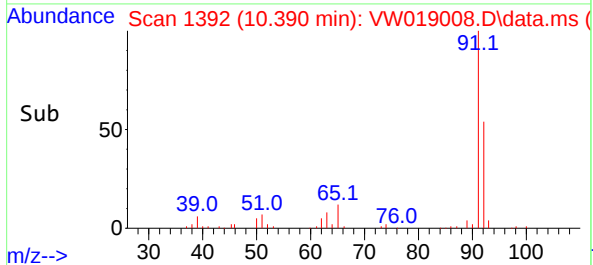
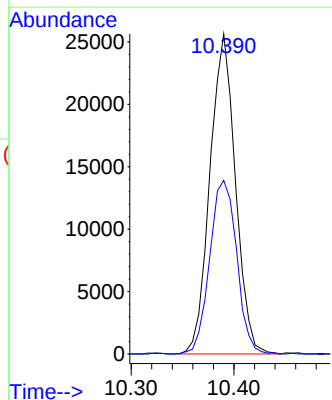
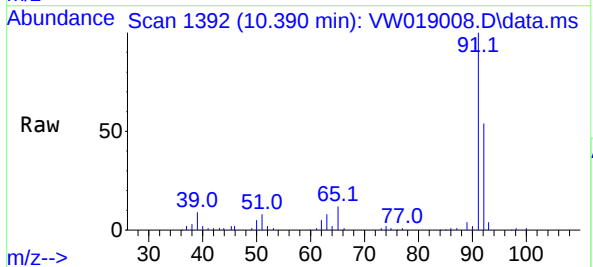
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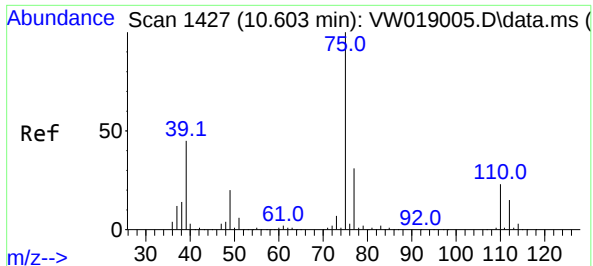
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#42
Toluene
Concen: 1.23 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Tgt Ion:	91	Resp:	44139
Ion	Ratio	Lower	Upper
91	100		
92	54.3	39.5	73.3





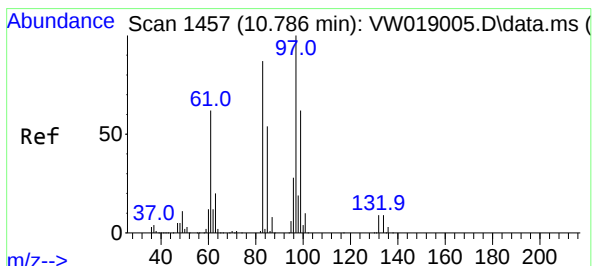
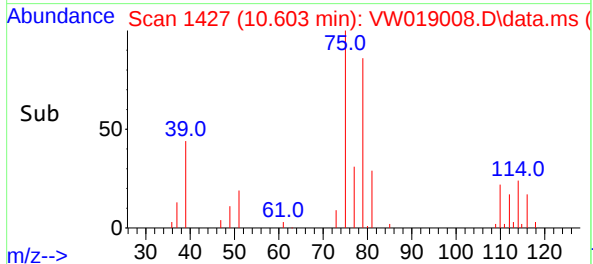
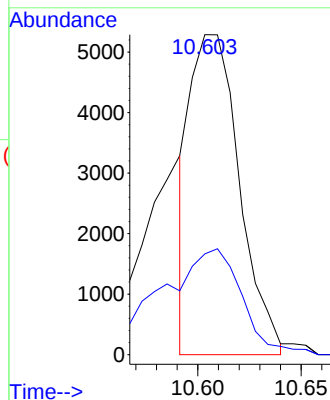
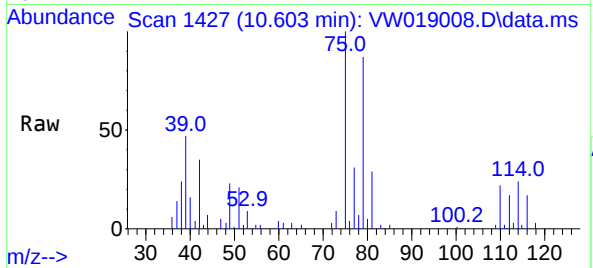
#44
trans-1,3-Dichloropropene
Concen: 0.85 ug/L m
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Tgt Ion: 75 Resp: 8728
Ion Ratio Lower Upper
75 100
77 31.5 21.1 39.1

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

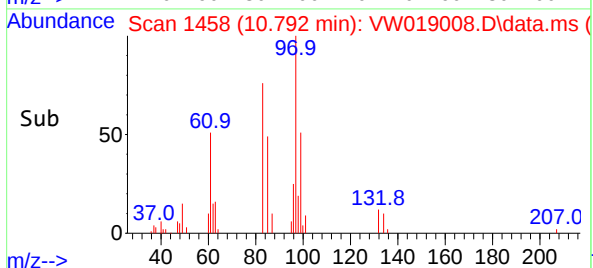
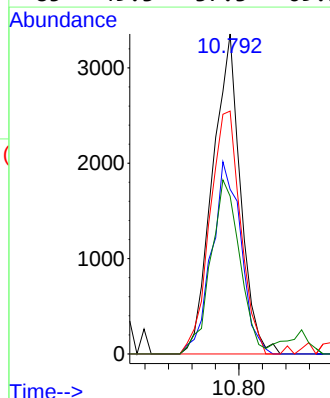
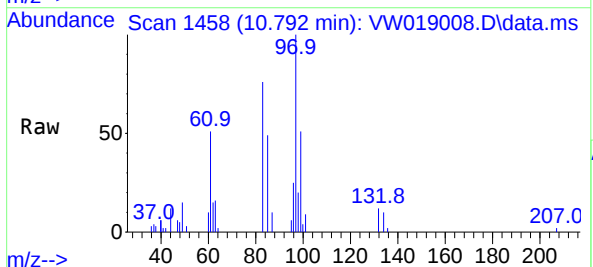
Manual Integrations
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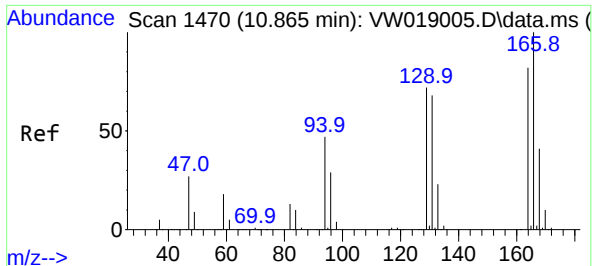
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#45
1,1,2-Trichloroethane
Concen: 0.96 ug/L
RT: 10.792 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Tgt Ion: 97 Resp: 5541
Ion Ratio Lower Upper
97 100
99 51.4 45.1 83.7
83 75.9 58.1 107.9
85 49.3 37.3 69.3





#46
Tetrachloroethene
Concen: 0.96 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

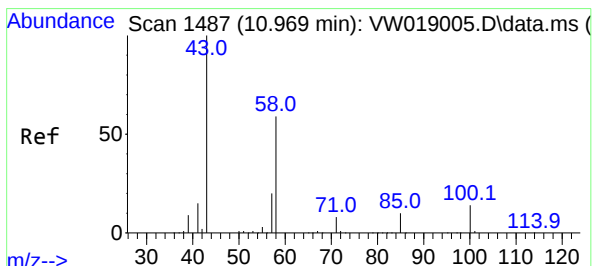
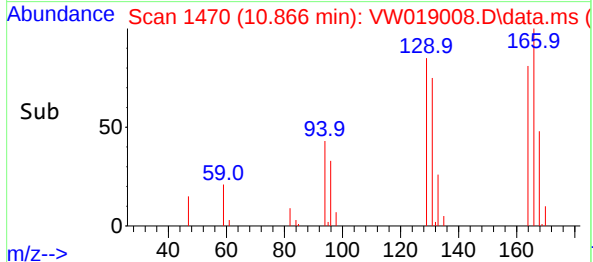
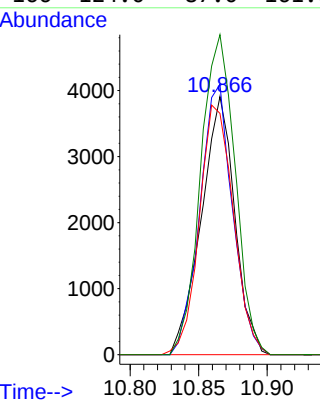
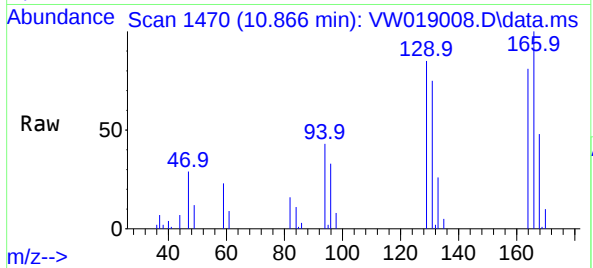
Tgt Ion:164 Resp: 6647

Ion	Ratio	Lower	Upper
164	100		
129	104.8	66.7	123.9
131	93.5	61.1	113.5
166	124.0	87.0	161.6

Instrument :
MSVOA_W
ClientSampleId :
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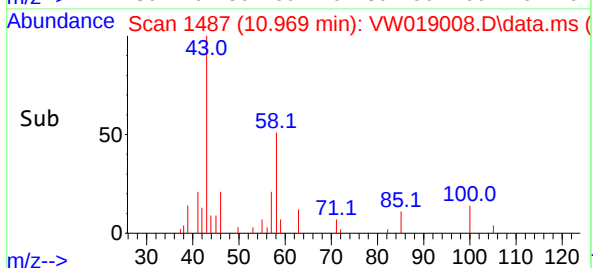
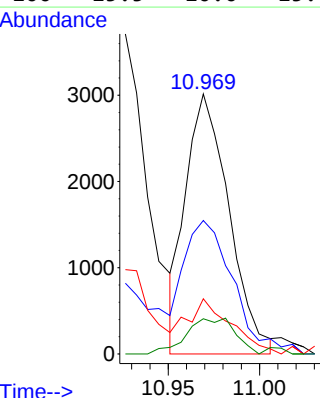
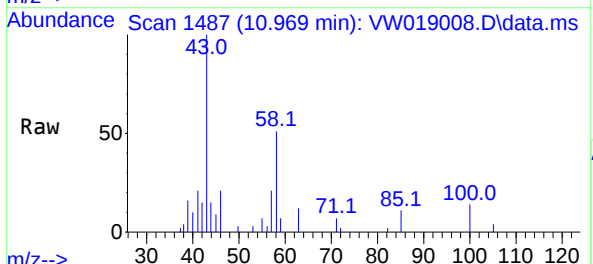
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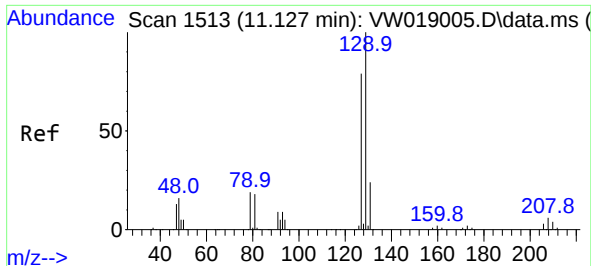


#48
2-Hexanone
Concen: 1.87 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Tgt Ion: 43 Resp: 4967

Ion	Ratio	Lower	Upper
43	100		
58	58.7	42.7	64.1
57	21.9	15.8	23.8
100	15.5	10.0	15.0





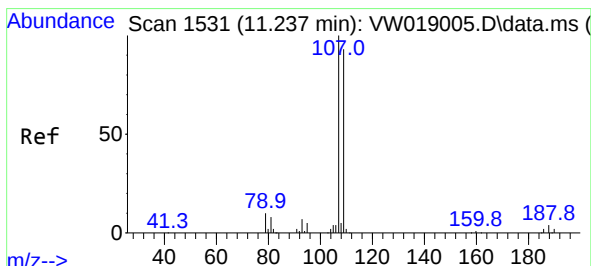
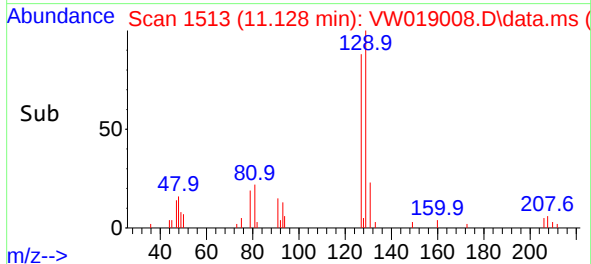
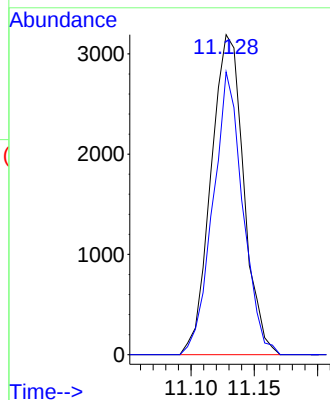
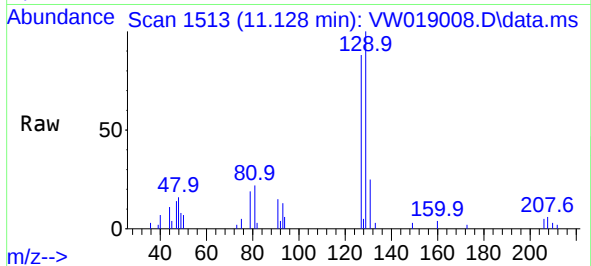
#49
Dibromochloromethane
Concen: 0.89 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Tgt Ion:129 Resp: 5746
Ion Ratio Lower Upper
129 100
127 88.3 51.7 95.9

Instrument :
MSVOA_W
ClientSampleId :
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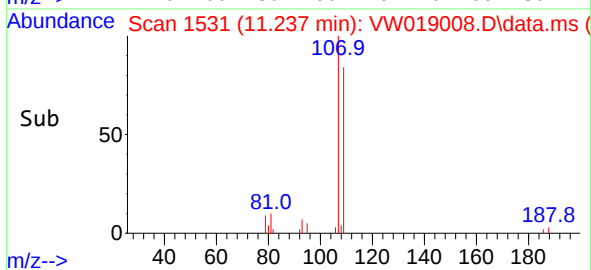
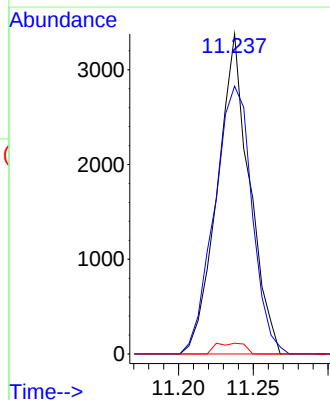
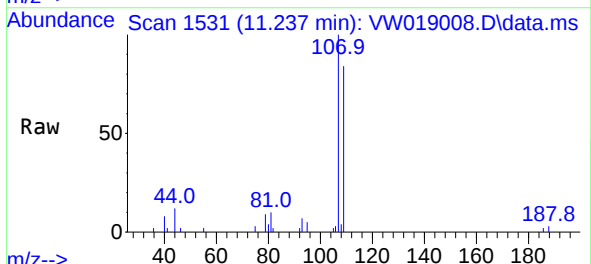
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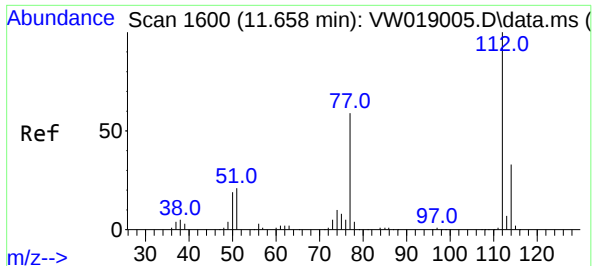
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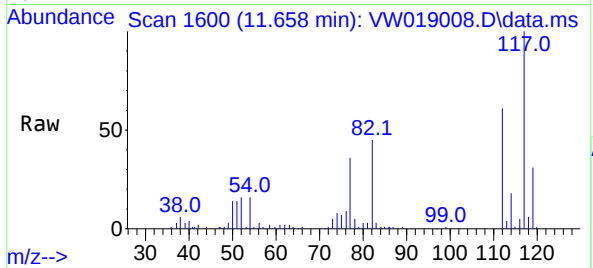
#50
1,2-Dibromoethane
Concen: 0.94 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Tgt Ion:107 Resp: 5060
Ion Ratio Lower Upper
107 100
109 83.7 65.4 121.4
188 3.4 2.6 4.0

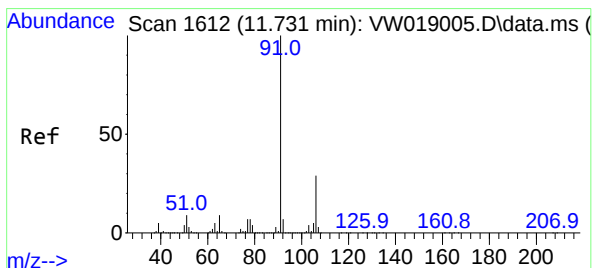
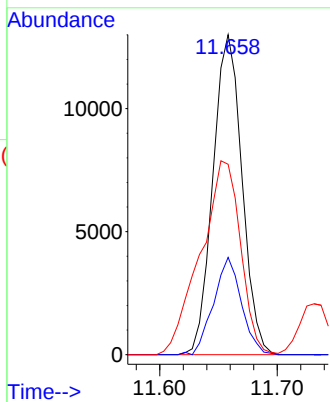
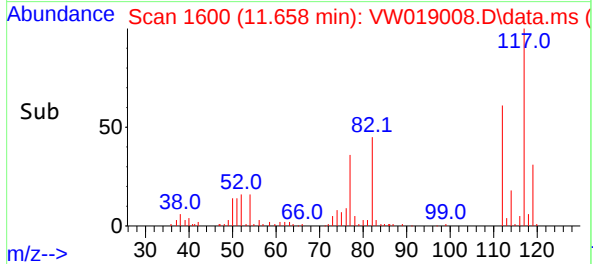




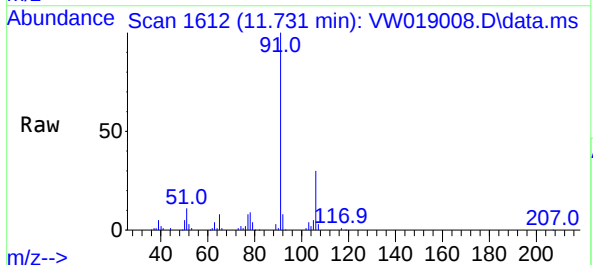
#51
Chlorobenzene
Concen: 1.00 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14



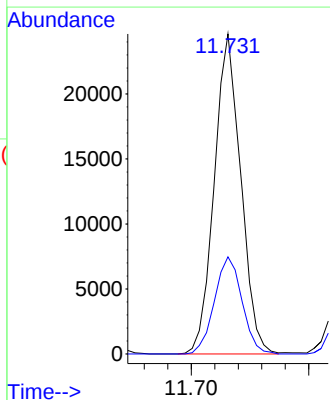
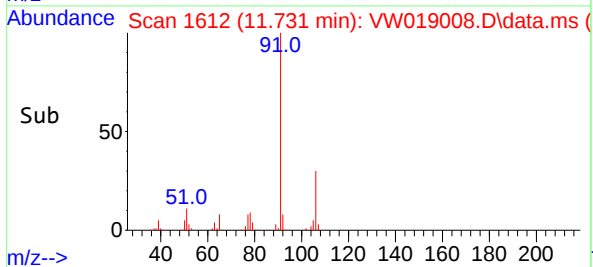
Tgt Ion: 112 Resp: 22341
Ion Ratio Lower Upper
112 100
114 30.4 23.4 43.6
77 59.5 47.6 71.4



#52
Ethylbenzene
Concen: 0.97 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14



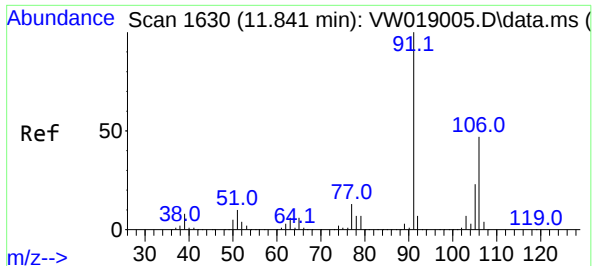
Tgt Ion: 91 Resp: 38570
Ion Ratio Lower Upper
91 100
106 30.3 22.5 41.7



Instrument :
MSVOA_W
ClientSampleId :
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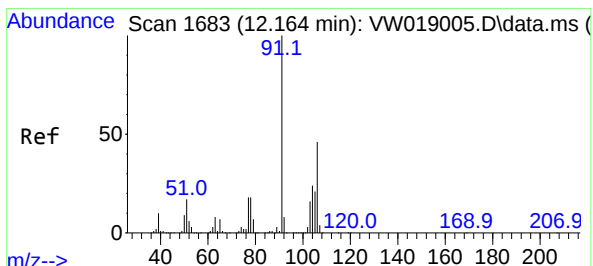
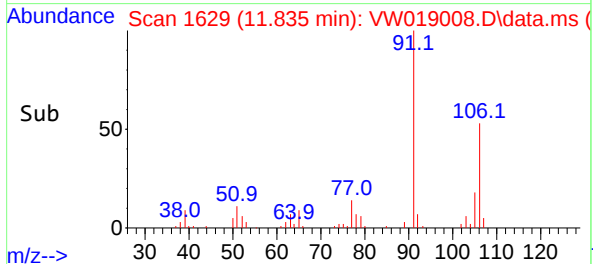
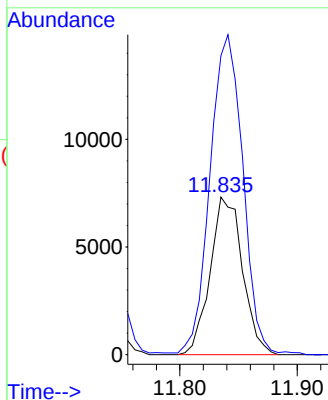
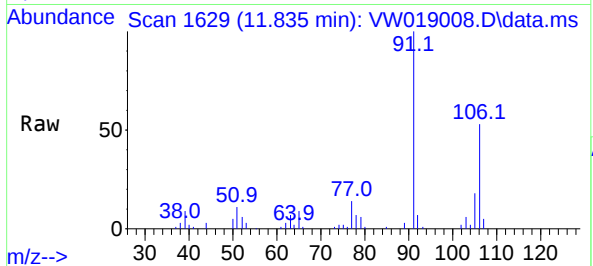
#53
m,p-Xylene
Concen: 0.93 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:106 Resp: 13991
Ion Ratio Lower Upper
106 100
91 189.7 141.3 262.3

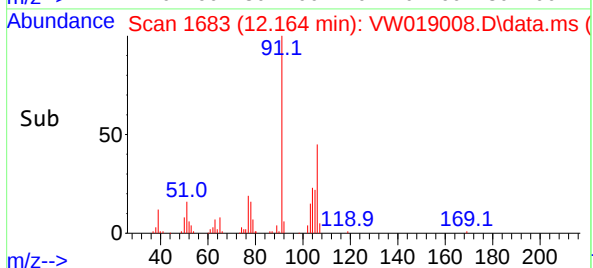
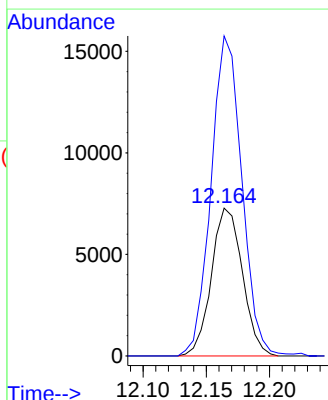
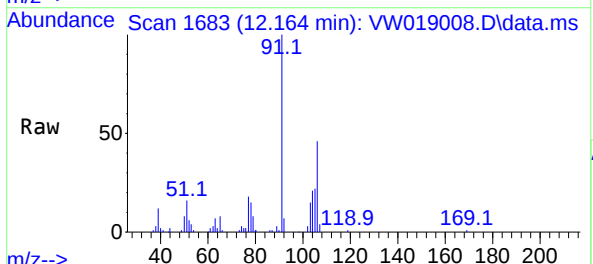
Manual Integrations
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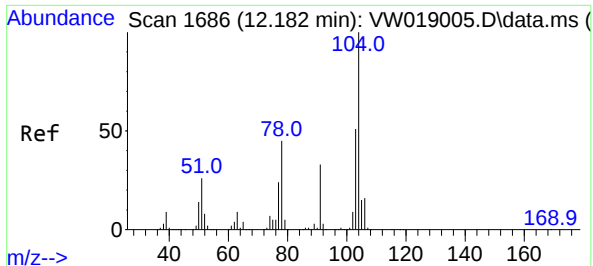
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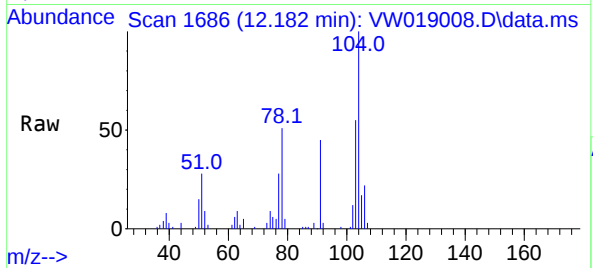
#54
o-Xylene
Concen: 0.88 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Tgt Ion:106 Resp: 12422
Ion Ratio Lower Upper
106 100
91 216.5 150.0 278.6

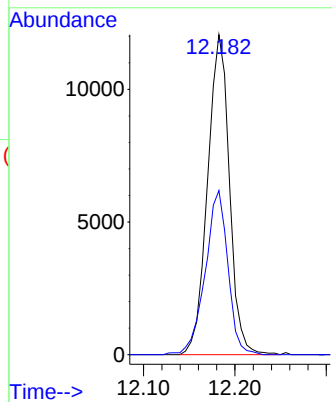
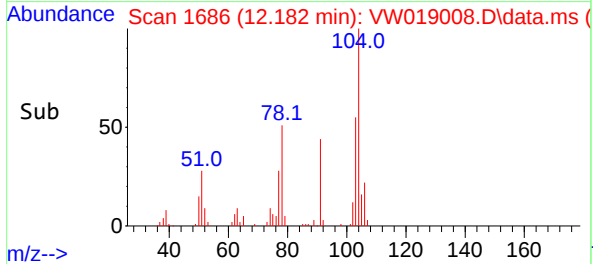




#55
Styrene
Concen: 0.83 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14



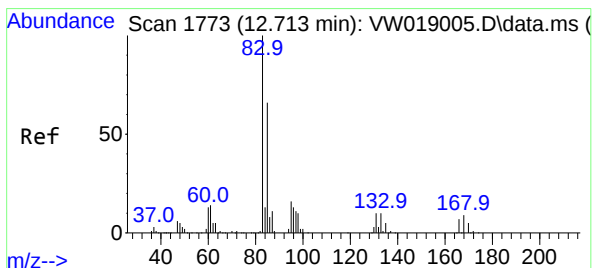
Tgt Ion:104 Resp: 20008
Ion Ratio Lower Upper
104 100
78 51.3 32.5 60.3



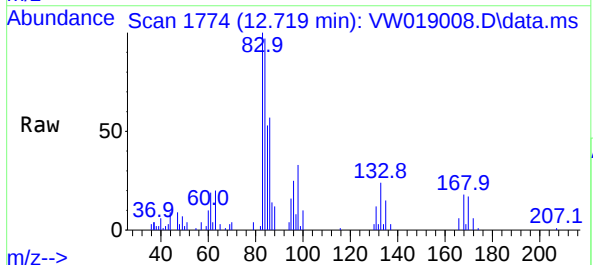
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

Manual Integrations
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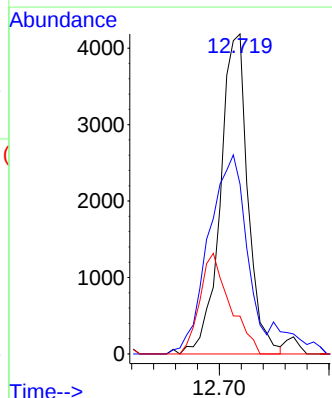
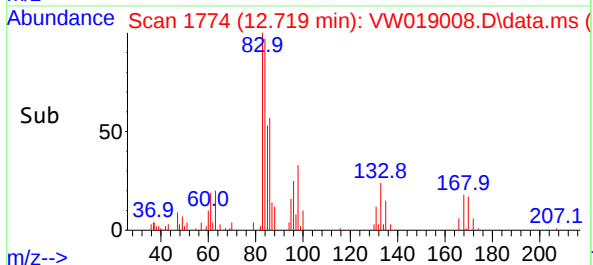
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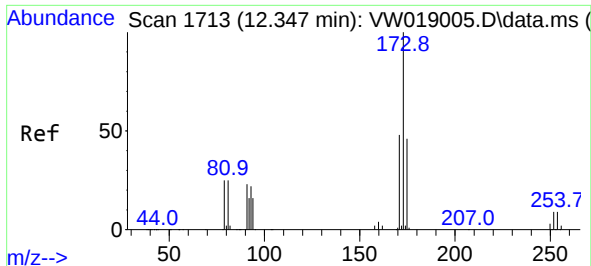


#57
1,1,2,2-Tetrachloroethane
Concen: 1.10 ug/L
RT: 12.719 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14



Tgt Ion: 83 Resp: 7315
Ion Ratio Lower Upper
83 100
85 53.0 44.4 82.4
131 11.8 8.2 12.4





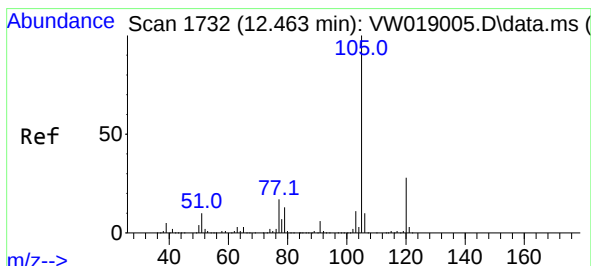
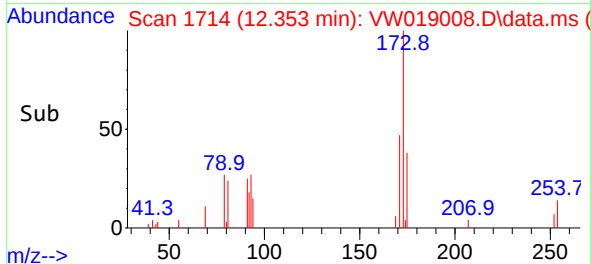
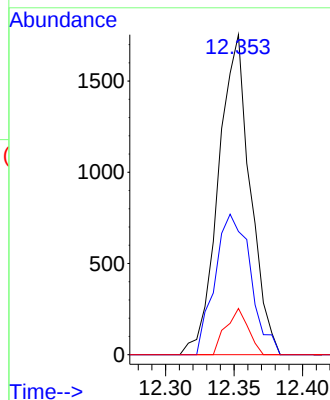
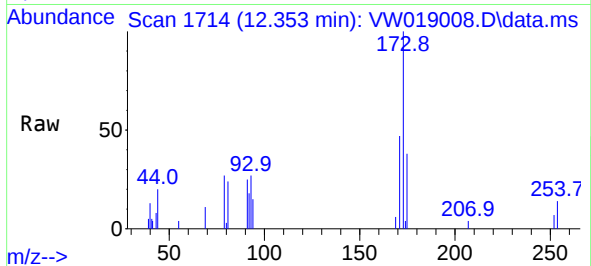
#59
Bromoform
Concen: 0.84 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Tgt Ion:	173	Resp:	2830
Ion Ratio	Lower	Upper	
173	100		
175	49.2	37.5	56.3
254	10.1	7.0	10.4

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

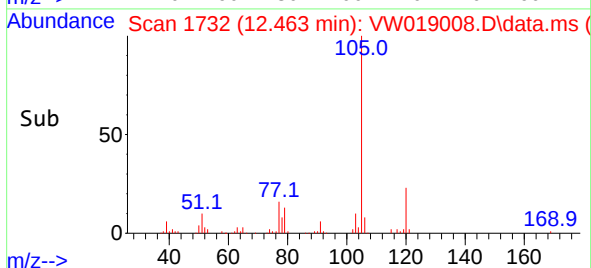
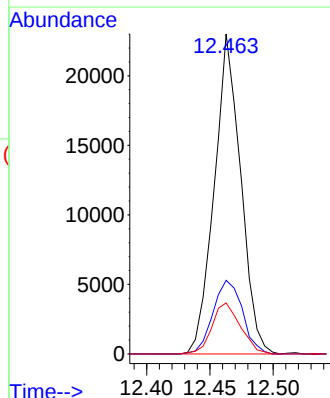
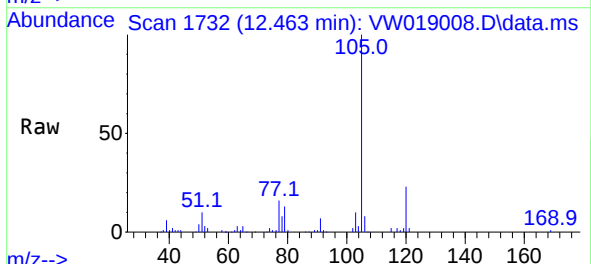
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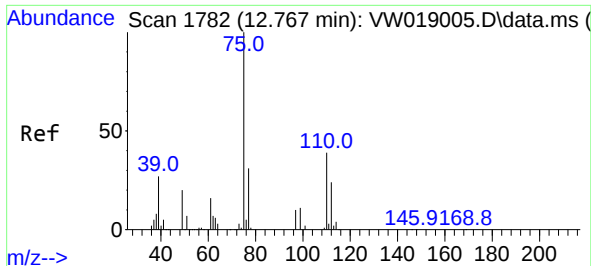
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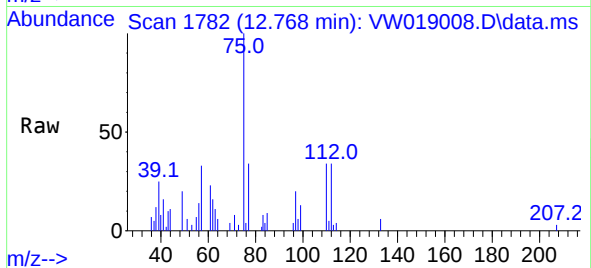
#60
Isopropylbenzene
Concen: 0.88 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

Tgt Ion:	105	Resp:	33417
Ion Ratio	Lower	Upper	
105	100		
120	25.7	21.1	31.7
77	17.2	13.2	19.8

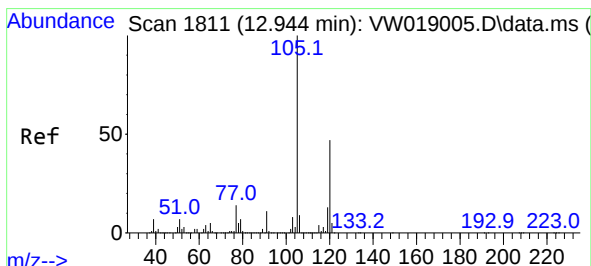
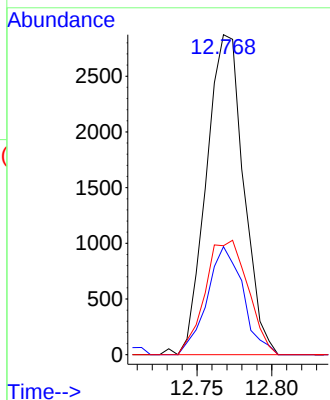
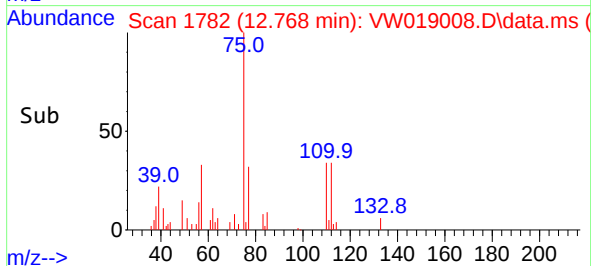




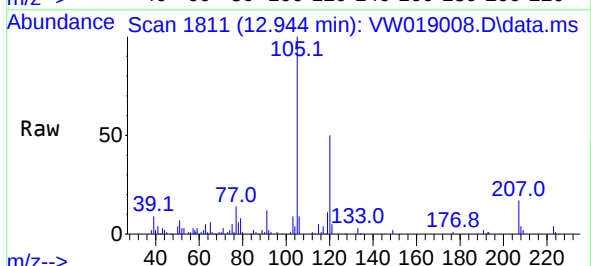
#61
1,2,3-Trichloropropane
Concen: 1.06 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14



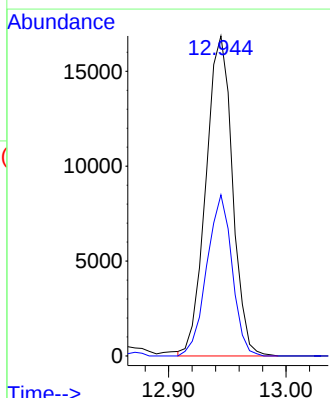
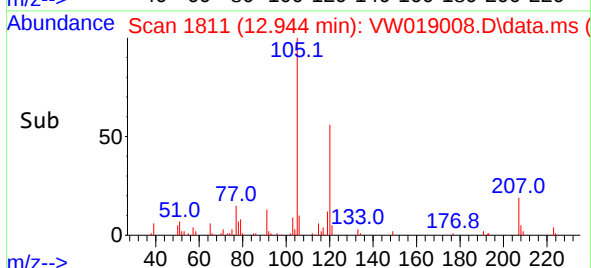
Tgt Ion: 75 Resp: 4965
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
110 41.1 32.6 48.8



#62
1,3,5-Trimethylbenzene
Concen: 0.87 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14



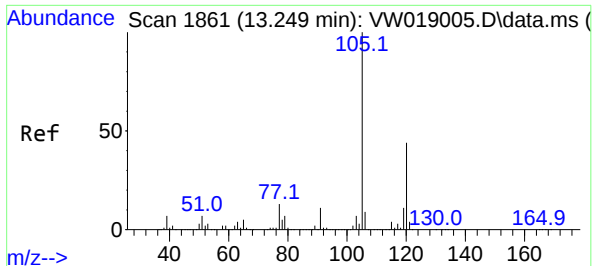
Tgt Ion: 105 Resp: 26529
Ion Ratio Lower Upper
105 100
120 47.9 39.0 58.6



Instrument :
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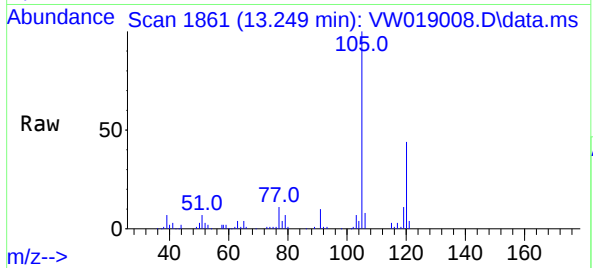
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#63
1,2,4-Trimethylbenzene
Concen: 0.92 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

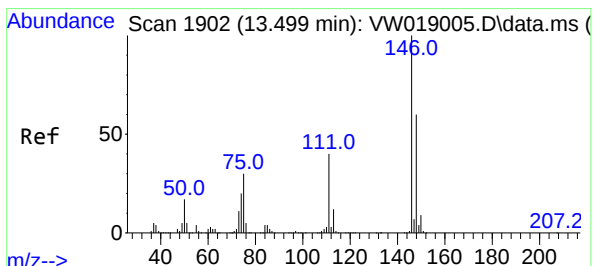
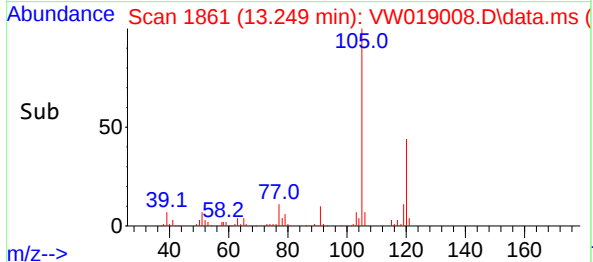
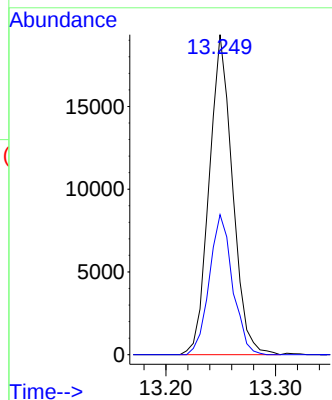
Instrument :
MSVOA_W
ClientSampleId :
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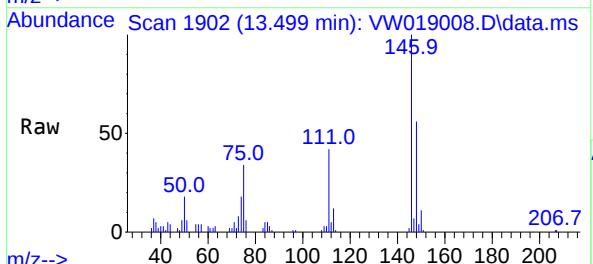
Tgt Ion:105 Resp: 28554
Ion Ratio Lower Upper
105 100
120 43.7 35.6 53.4

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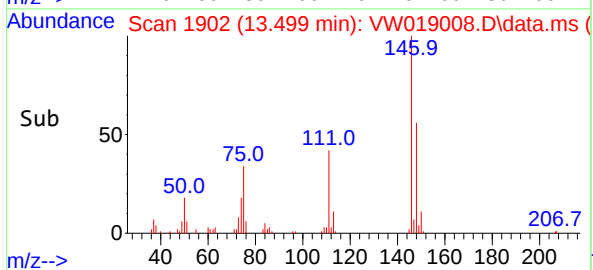
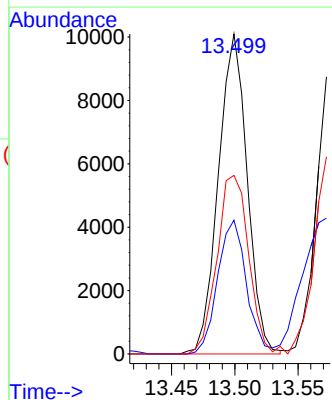
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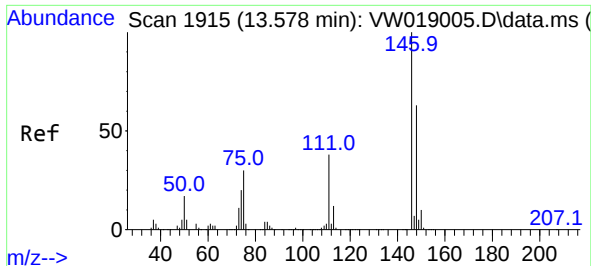


#64
1,3-Dichlorobenzene
Concen: 0.97 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14



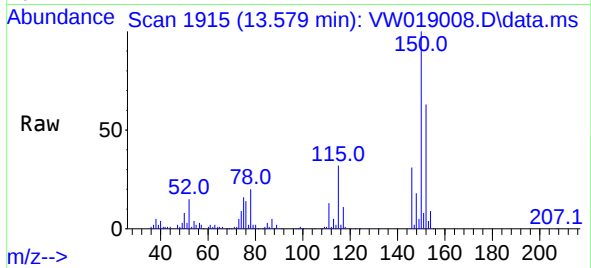
Tgt Ion:146 Resp: 16010
Ion Ratio Lower Upper
146 100
111 41.8 26.7 49.7
148 55.8 41.1 76.3





#65
1,4-Dichlorobenzene
Concen: 0.99 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

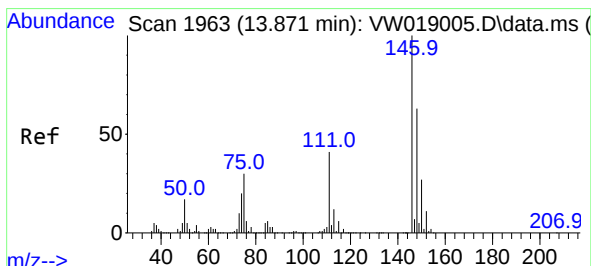
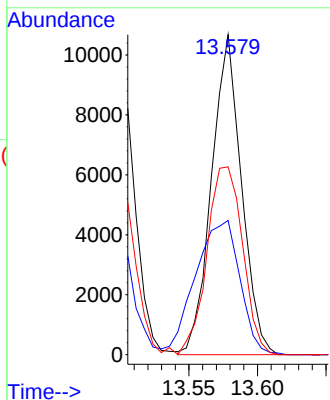
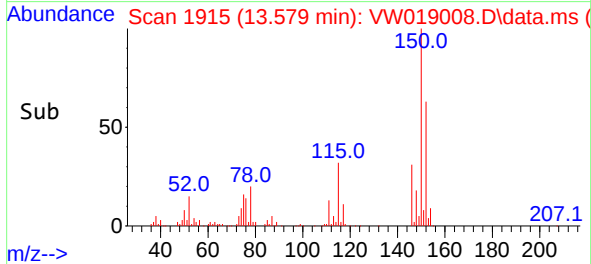
Instrument :
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ClientSampleId :
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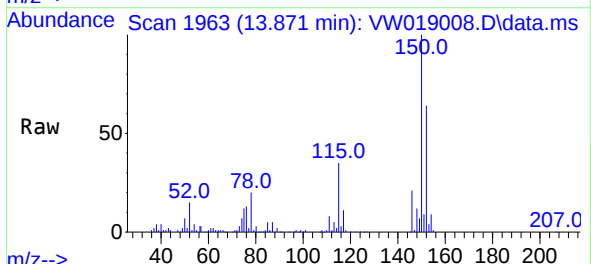
Tgt Ion:146 Resp: 16223
Ion Ratio Lower Upper
146 100
111 42.0 28.8 53.4
148 58.7 46.8 87.0

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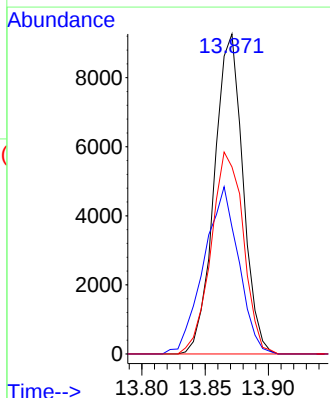
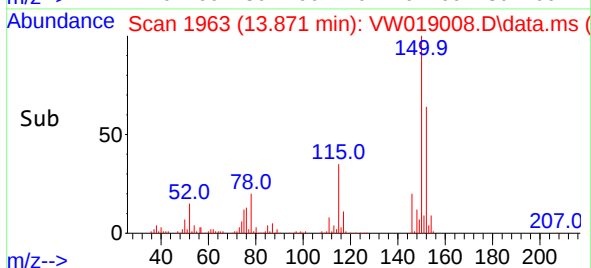
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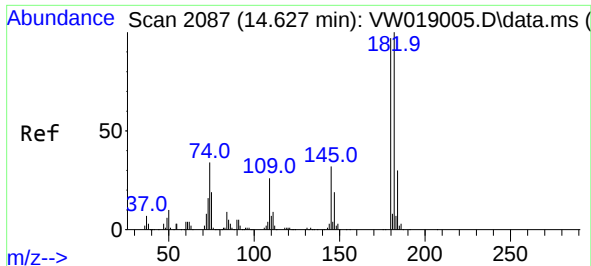


#67
1,2-Dichlorobenzene
Concen: 1.01 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

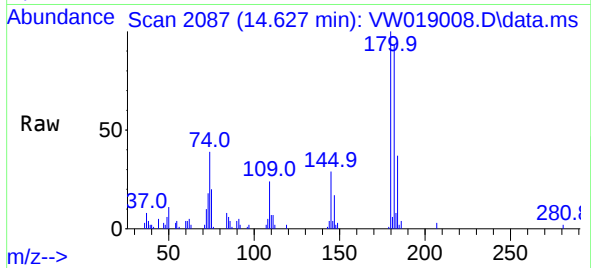


Tgt Ion:146 Resp: 14595
Ion Ratio Lower Upper
146 100
111 39.7 33.2 49.8
148 58.5 50.4 75.6



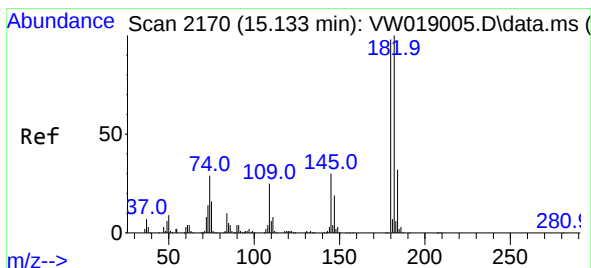
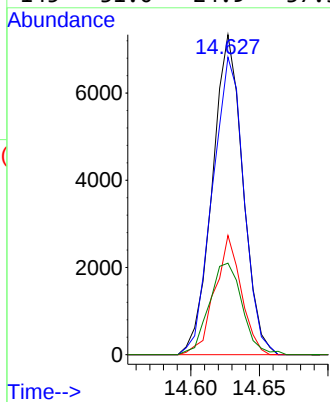
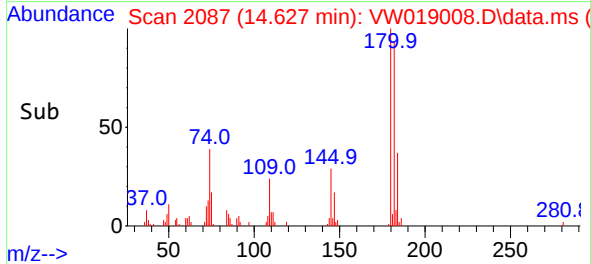


#69
1,3,5-Trichlorobenzene
Concen: 0.95 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

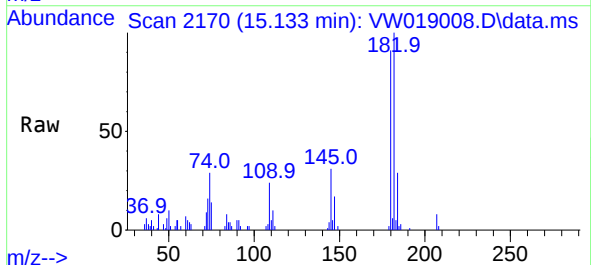


Tgt Ion:180 Resp: 11388

Ion	Ratio	Lower	Upper
180	100		
182	95.2	73.4	110.2
184	32.3	23.6	35.4
145	31.0	24.9	37.3

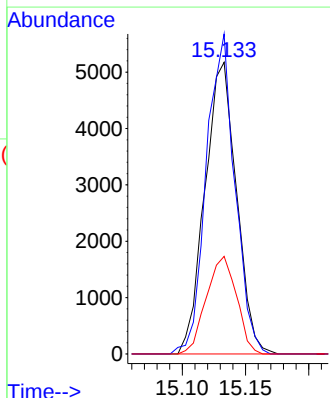
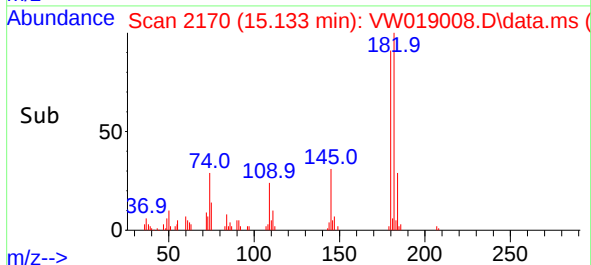


#70
1,2,4-trichlorobenzene
Concen: 0.94 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14



Tgt Ion:180 Resp: 8993

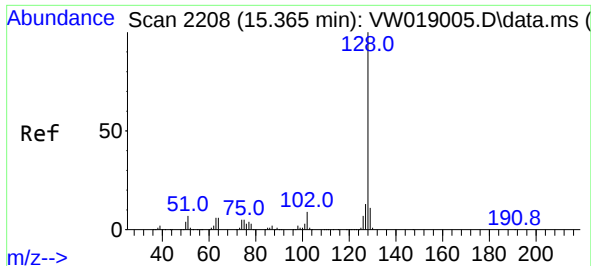
Ion	Ratio	Lower	Upper
180	100		
182	99.3	74.7	112.1
145	32.0	25.0	37.4



Instrument :
MSVOA_W
ClientSampleId :
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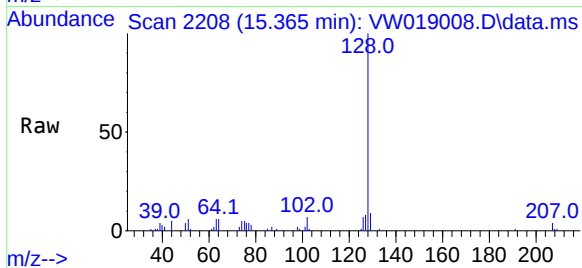
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#71
Naphthalene
Concen: 0.89 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14

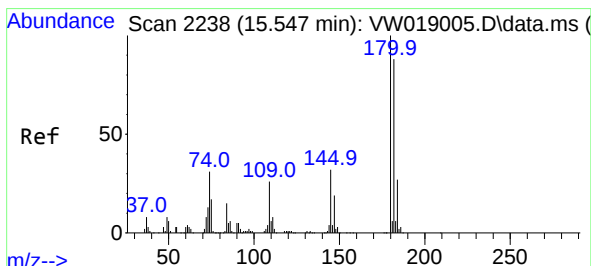
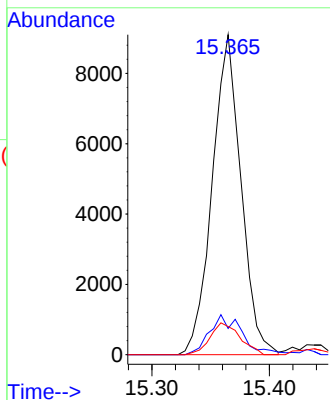
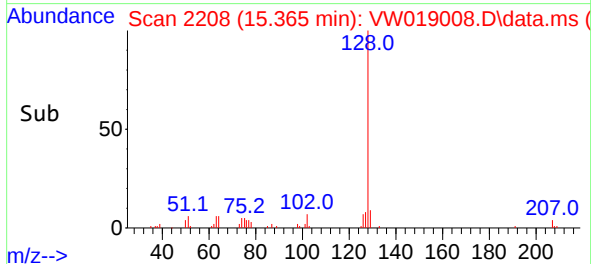
Instrument :
MSVOA_W
ClientSampleId :
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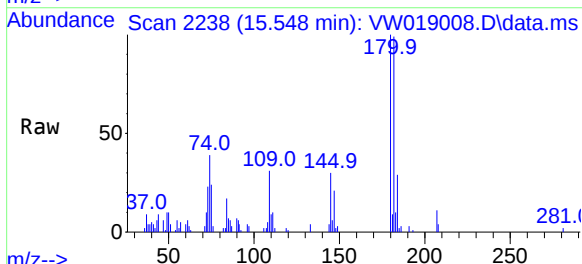
Tgt Ion:128 Resp: 15485
Ion Ratio Lower Upper
128 100
127 8.2 10.6 15.8#
129 10.3 9.0 13.6

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#72
1,2,3-Trichlorobenzene
Concen: 0.95 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW019008.D
Acq: 17 May 2021 11:14



Tgt Ion:180 Resp: 7954
Ion Ratio Lower Upper
180 100
182 98.2 76.7 115.1
145 33.2 28.9 43.3

