

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101821\
 Data File : VW020569.D
 Acq On : 18 Oct 2021 17:45
 Operator : SY/VA
 Sample : M4211-18MS
 Misc : 4.52g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JDGD7MS

Quant Time: Oct 19 05:44:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 19 05:41:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	210357	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	200635	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	108824	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	67047	21.904	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.600%
7) Chloroethane-d5	2.879	69	34868	21.565	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.280%
11) 1,1-Dichloroethene-d2	4.013	63	135793	21.651	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.600%
21) 2-Butanone-d5	7.086	46	46843	50.286	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.580%
24) Chloroform-d	7.647	84	161760	24.124	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.480%
26) 1,2-Dichloroethane-d4	8.305	65	91196	23.813	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.240%
32) Benzene-d6	8.275	84	300675	22.783	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.120%
36) 1,2-Dichloropropane-d6	9.275	67	98383	22.873	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.480%
41) Toluene-d8	10.323	98	269080	22.724	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.880%
43) trans-1,3-Dichloroprop...	10.579	79	39784	22.761	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.040%
47) 2-Hexanone-d5	10.927	63	33207	50.186	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.380%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	76980	23.677	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	92146	21.646	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	37938	27.909	ug/L	99
3) Chloromethane	2.215	50	62798	22.218	ug/L	99
5) Vinyl chloride	2.355	62	85016	21.386	ug/L	97
6) Bromomethane	2.770	94	33662	19.496	ug/L	93
8) Chloroethane	2.916	64	27334	18.621	ug/L	96
9) Trichlorofluoromethane	3.251	101	34574	15.286	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	71926	22.297	ug/L	99
12) 1,1-Dichloroethene	4.038	96	65068	22.000	ug/L	92
13) Acetone	4.129	43	45310	52.979	ug/L	98
14) Carbon disulfide	4.379	76	191866	19.944	ug/L	99
15) Methyl Acetate	4.672	43	35960	22.641	ug/L	98
16) Methylene chloride	4.916	84	77943	19.060	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	68370	22.033	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	101566	23.232	ug/L	99
19) 1,1-Dichloroethane	6.214	63	146268	22.993	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	74981	23.247	ug/L	100
22) 2-Butanone	7.177	43	51258	47.880	ug/L	97
23) Bromochloromethane	7.513	128	31828	22.499	ug/L	95
25) Chloroform	7.677	83	144639	23.388	ug/L	99

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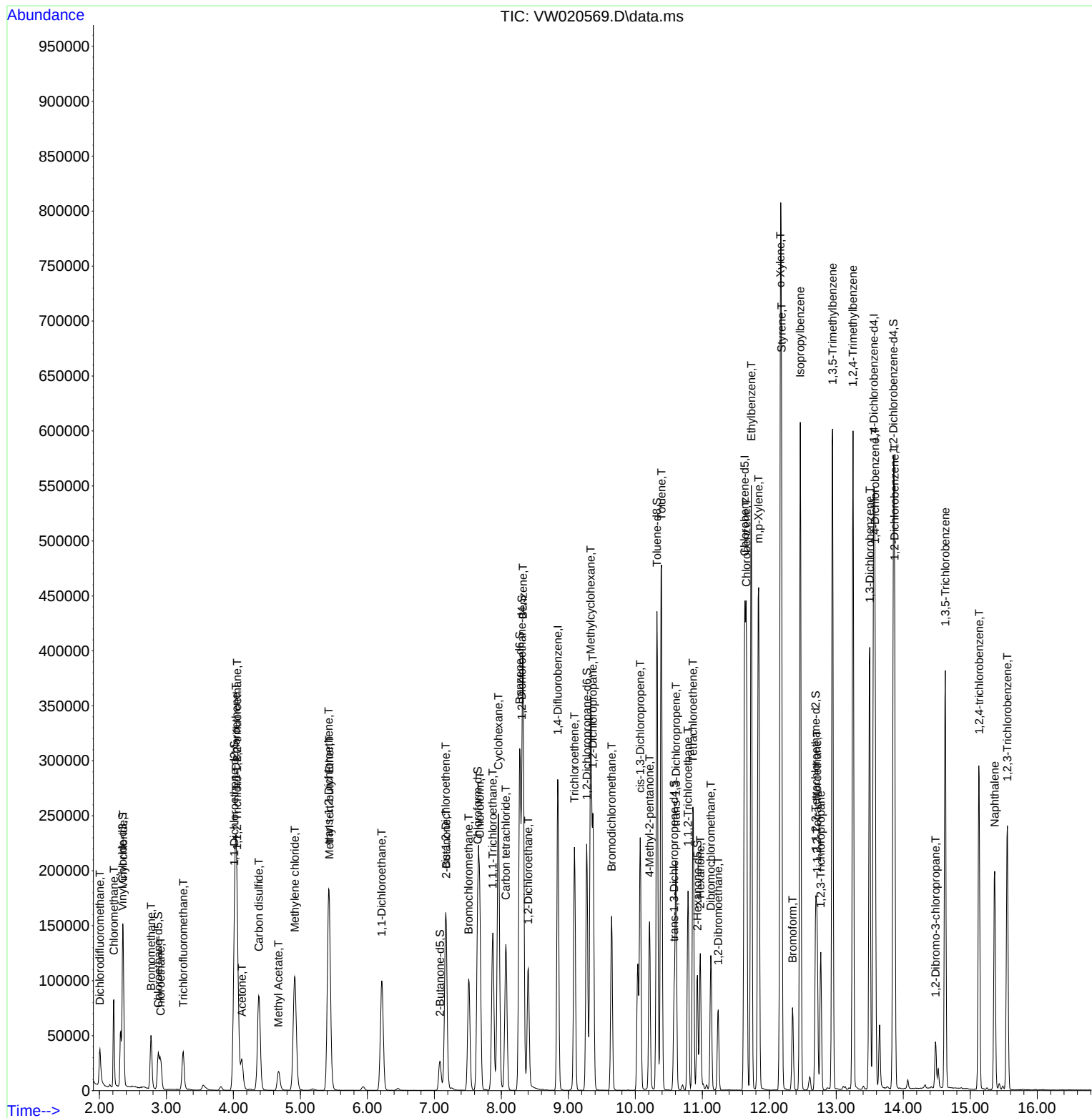
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	97993	23.167	ug/L	98
29) Cyclohexane	7.958	56	132243	22.513	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	110422	22.154	ug/L	99
31) Carbon tetrachloride	8.067	117	96742	22.076	ug/L	99
33) Benzene	8.323	78	319980	22.391	ug/L	100
34) Trichloroethene	9.092	95	75597	21.473	ug/L	95
35) Methylcyclohexane	9.335	83	130017	21.580	ug/L	98
37) 1,2-Dichloropropane	9.366	63	84464	22.824	ug/L	100
38) Bromodichloromethane	9.646	83	101362	22.845	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	119988	23.500	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	104751	47.160	ug/L	99
42) Toluene	10.390	91	333097	23.238	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	106352	23.628	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	54329	22.865	ug/L	96
46) Tetrachloroethene	10.860	164	55446	21.926	ug/L	94
48) 2-Hexanone	10.969	43	80615	49.467	ug/L	99
49) Dibromochloromethane	11.128	129	60416	23.079	ug/L	95
50) 1,2-Dibromoethane	11.238	107	48267	22.115	ug/L	99
51) Chlorobenzene	11.658	112	197123	22.301	ug/L	97
52) Ethylbenzene	11.731	91	367035	23.613	ug/L	100
53) m,p-Xylene	11.841	106	134491	23.352	ug/L	98
54) o-Xylene	12.164	106	128632	24.185	ug/L	93
55) Styrene	12.183	104	229403	24.668	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	66207	22.476	ug/L	99
59) Bromoform	12.347	173	32179	21.108	ug/L	99
60) Isopropylbenzene	12.463	105	358220	22.427	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	49471	20.635	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	304115	23.320	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	302579	23.424	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	152879	22.121	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	149594	20.927	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	140618	22.209	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	11029	21.658	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	104862	21.279	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	87825	22.507	ug/L	97
71) Naphthalene	15.365	128	157466	22.445	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	75001	21.884	ug/L	98

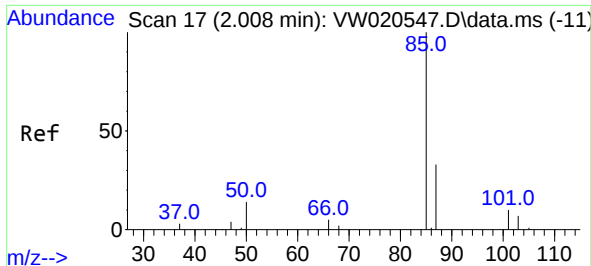
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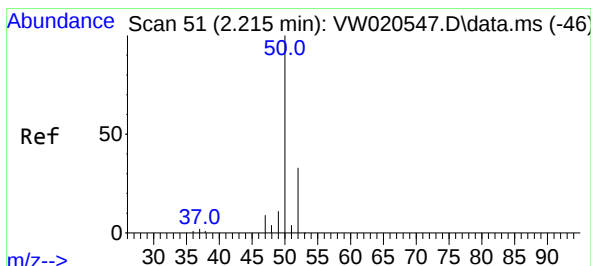
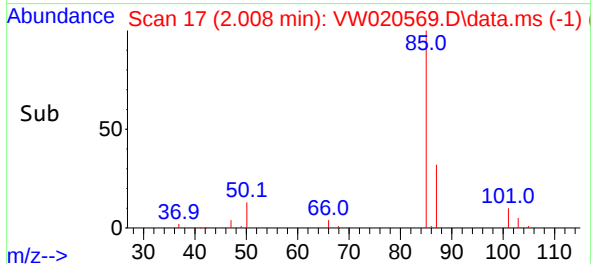
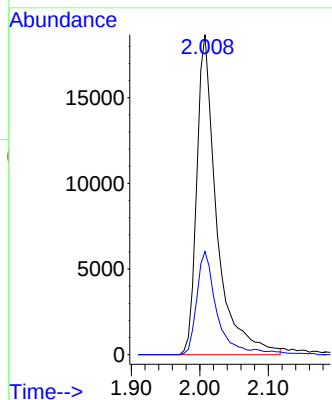
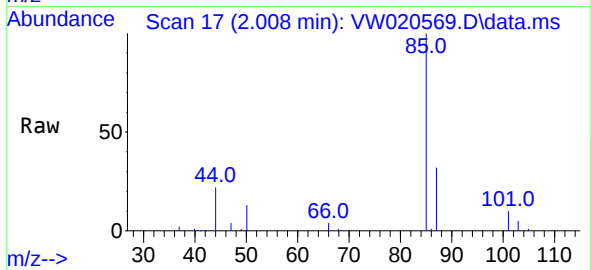




#2
Dichlorodifluoromethane
Concen: 27.909 ug/L
RT: 2.008 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

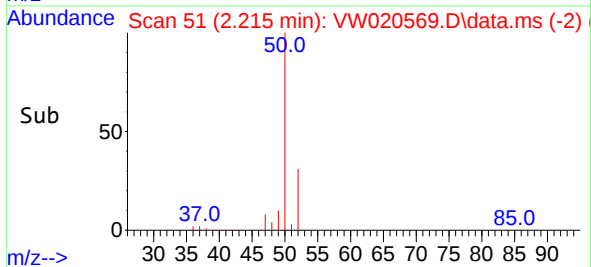
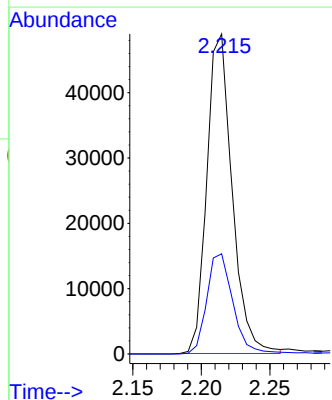
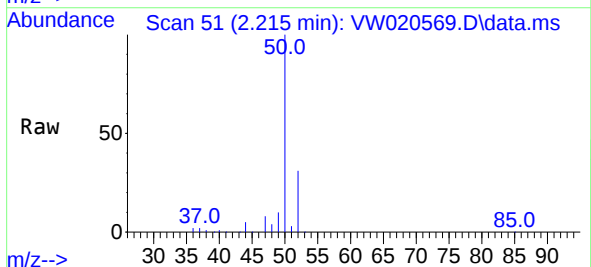
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MSVOA_W
ClientSampleId :
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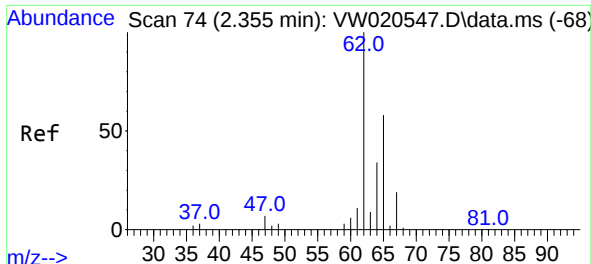
Tgt Ion: 85 Resp: 37938
Ion Ratio Lower Upper
85 100
87 31.4 24.9 37.3



#3
Chloromethane
Concen: 22.218 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

Tgt Ion: 50 Resp: 62798
Ion Ratio Lower Upper
50 100
52 31.3 21.5 39.9

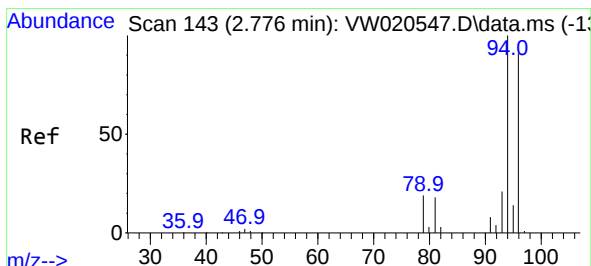
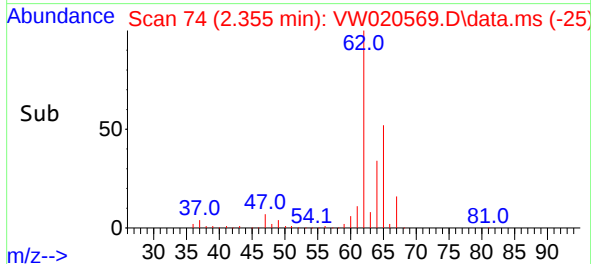
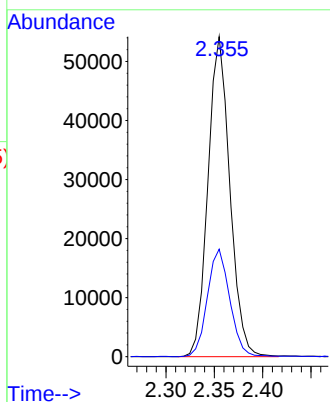
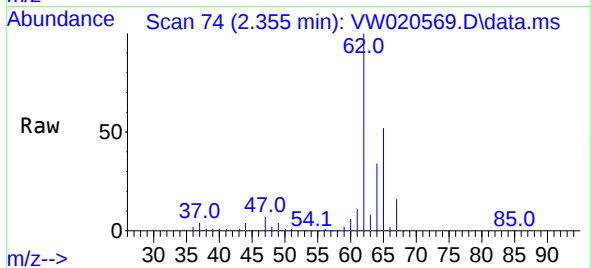




#5
 Vinyl chloride
 Concen: 21.386 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW020569.D
 Acq: 18 Oct 2021 17:45

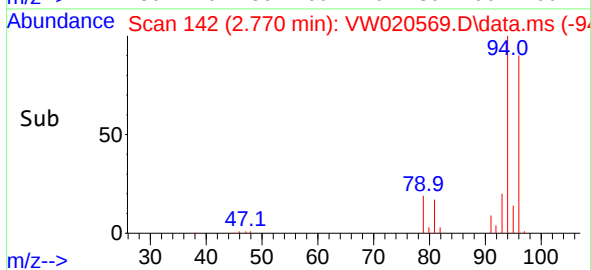
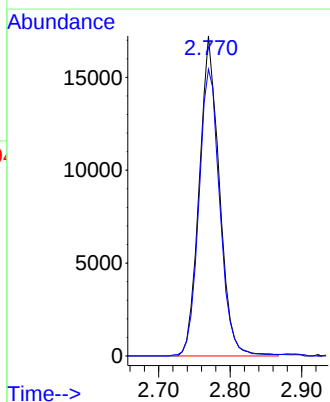
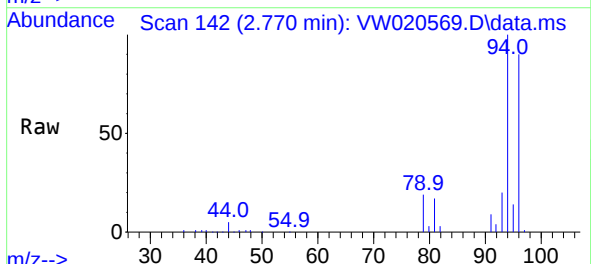
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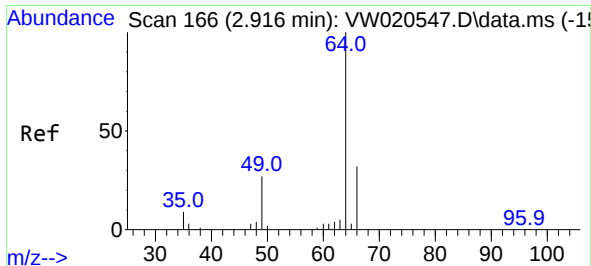
Tgt Ion: 62 Resp: 85016
 Ion Ratio Lower Upper
 62 100
 64 33.6 24.6 45.6



#6
 Bromomethane
 Concen: 19.496 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW020569.D
 Acq: 18 Oct 2021 17:45

Tgt Ion: 94 Resp: 33662
 Ion Ratio Lower Upper
 94 100
 96 89.6 67.8 126.0

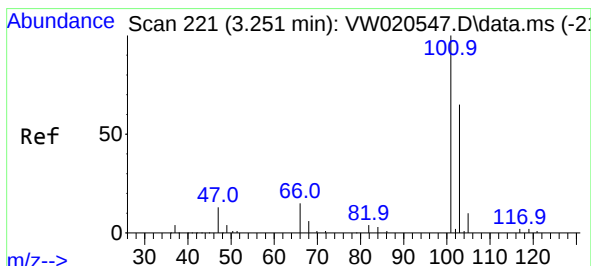
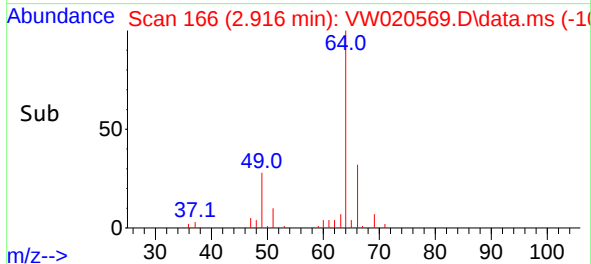
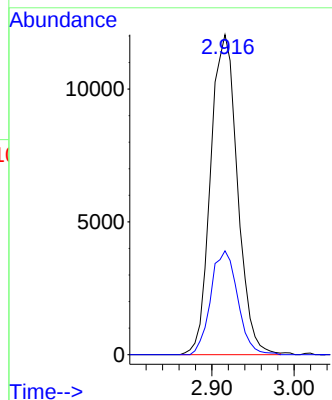
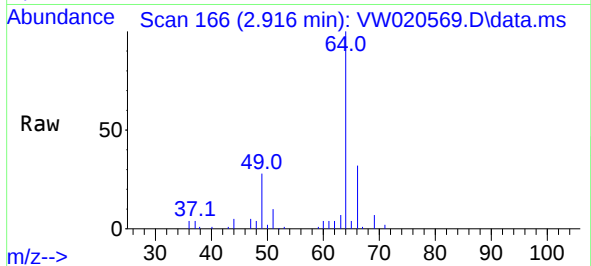




#8
Chloroethane
Concen: 18.621 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

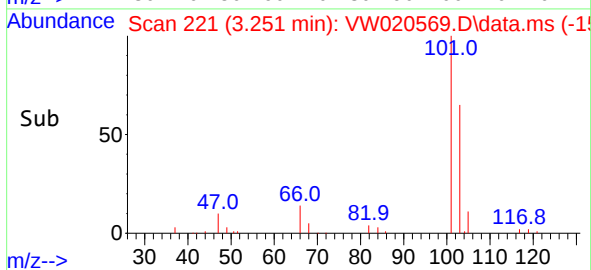
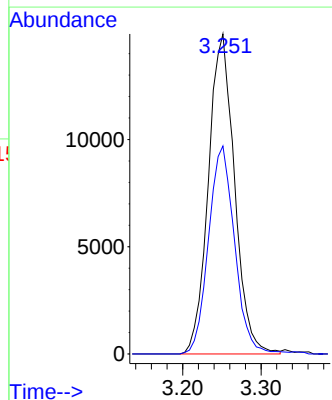
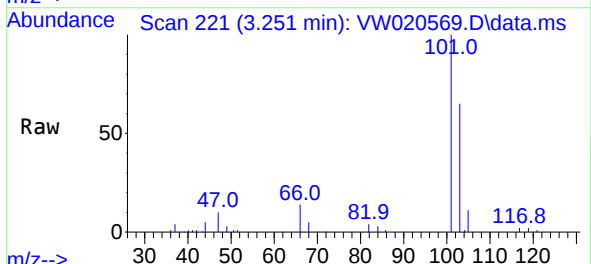
Instrument :
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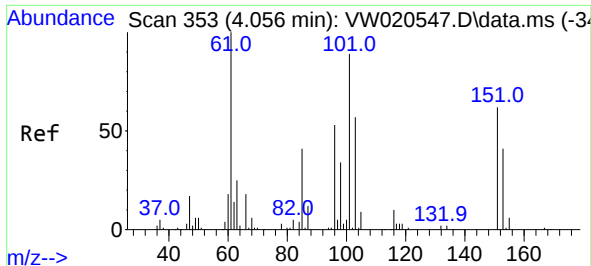
Tgt Ion: 64 Resp: 27334
Ion Ratio Lower Upper
64 100
66 32.4 21.2 39.4



#9
Trichlorofluoromethane
Concen: 15.286 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

Tgt Ion: 101 Resp: 34574
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.4

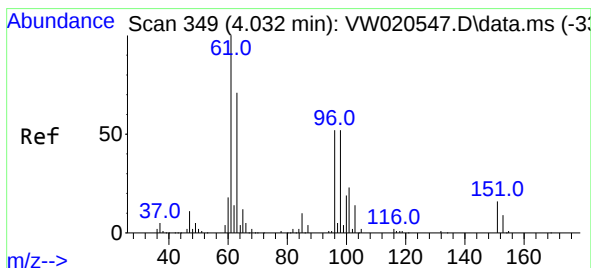
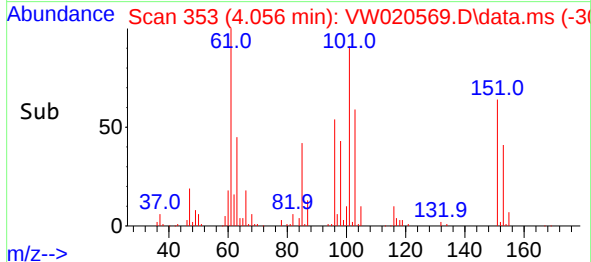
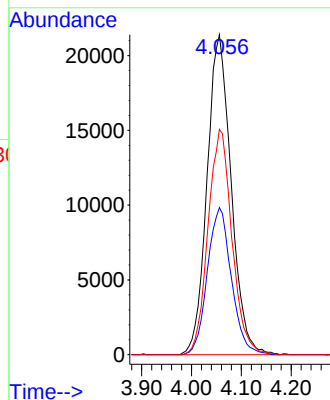
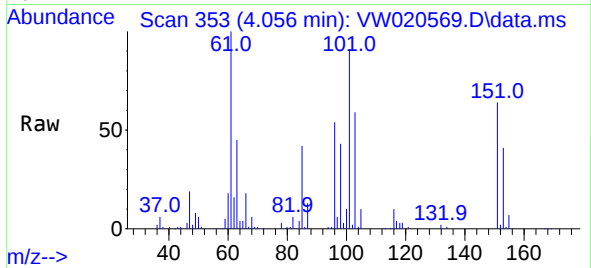




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.297 ug/L
RT: 4.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

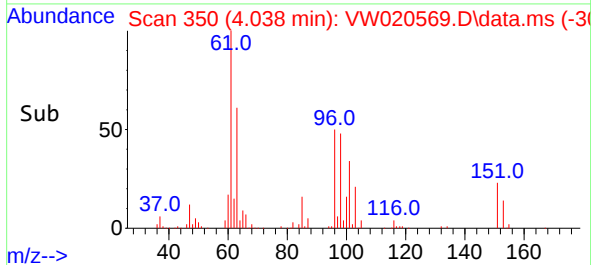
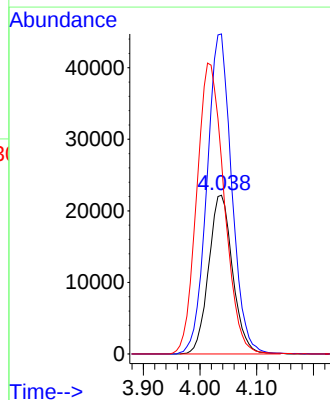
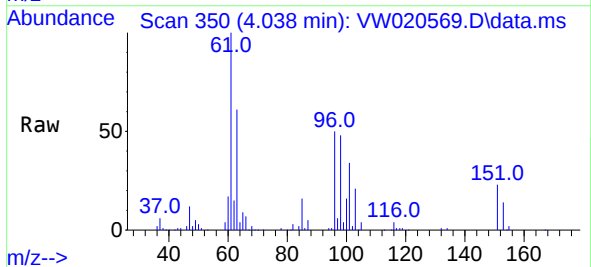
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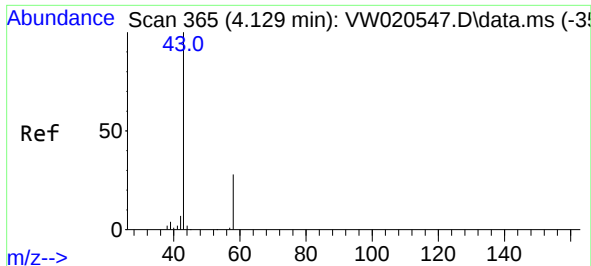
Tgt Ion:101 Resp: 71926
Ion Ratio Lower Upper
101 100
85 45.7 36.3 54.5
151 70.0 56.5 84.7



#12
1,1-Dichloroethene
Concen: 22.000 ug/L
RT: 4.038 min Scan# 350
Delta R.T. 0.006 min
Lab File: VW020569.D
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Tgt Ion: 96 Resp: 65068
Ion Ratio Lower Upper
96 100
61 201.6 133.9 248.7
63 122.1 77.3 143.7

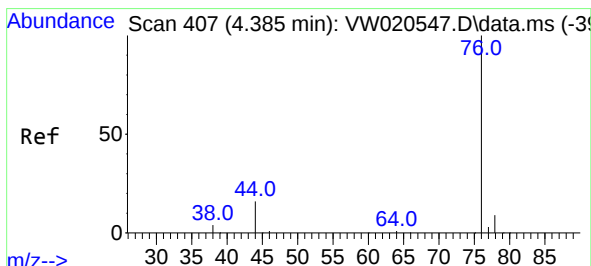
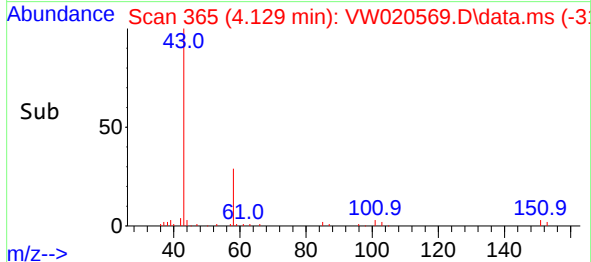
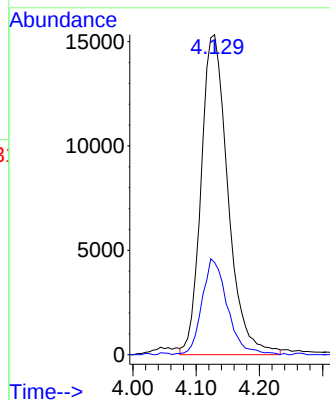
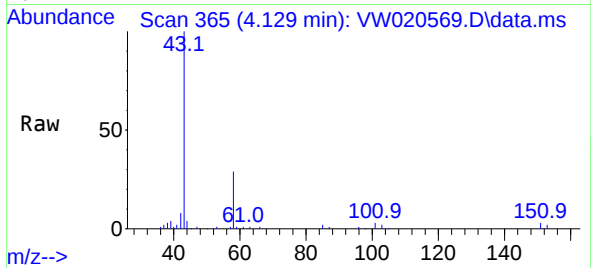




#13
Acetone
Concen: 52.979 ug/L
RT: 4.129 min Scan# 301
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

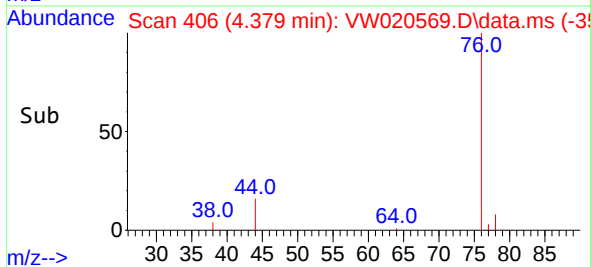
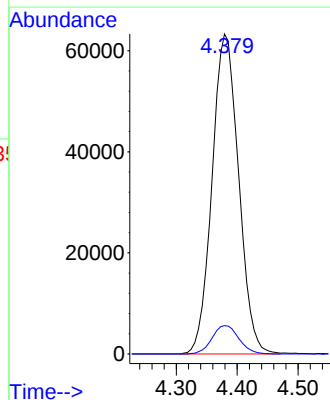
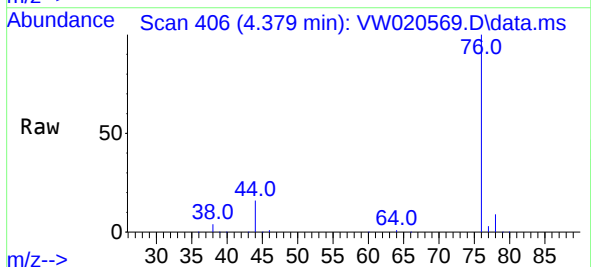
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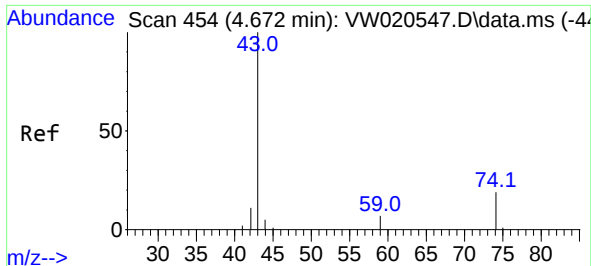
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Ion Ratio Lower Upper
43 100
58 28.3 0.0 58.4



#14
Carbon disulfide
Concen: 19.944 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 191866
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

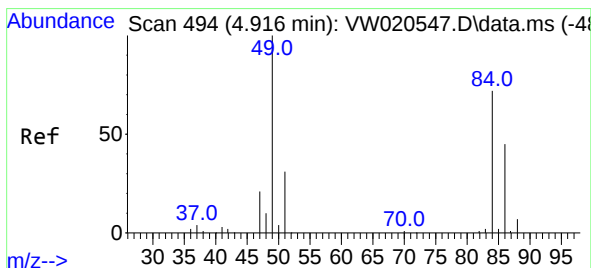
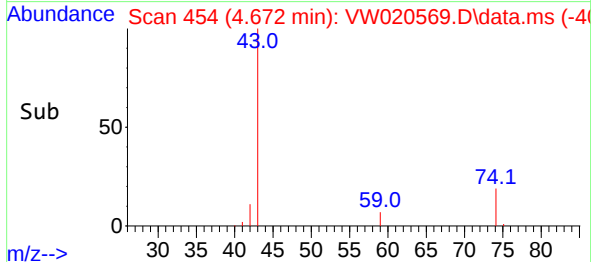
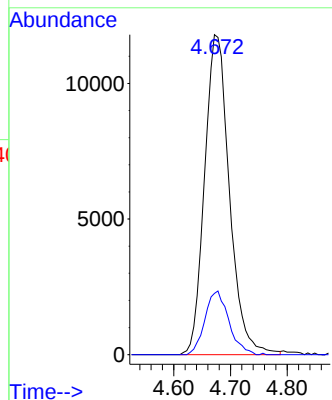
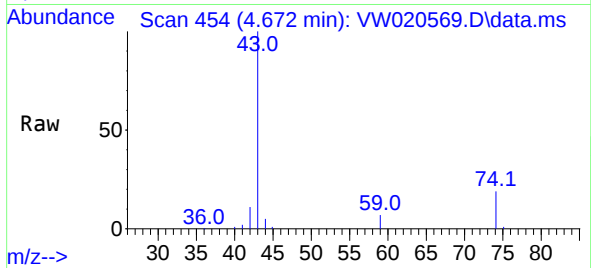




#15
Methyl Acetate
Concen: 22.641 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

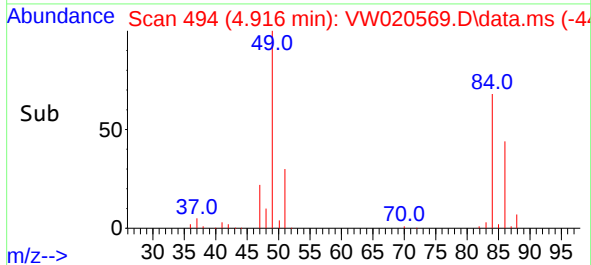
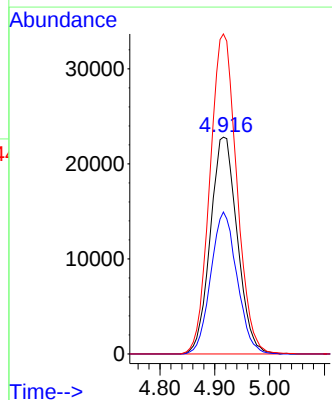
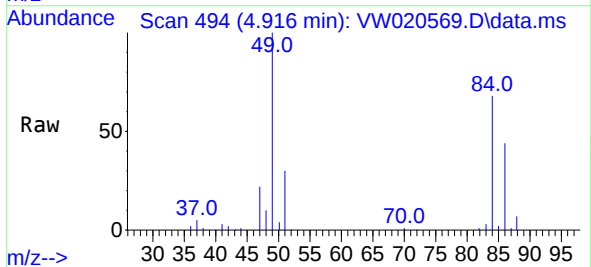
Instrument :
MSVOA_W
ClientSampleId :
JDGD7MS

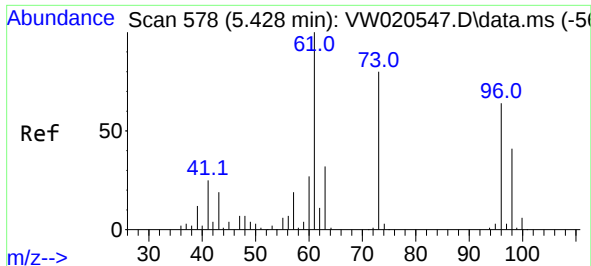
Tgt Ion: 43 Resp: 35960
Ion Ratio Lower Upper
43 100
74 19.1 16.1 24.1



#16
Methylene chloride
Concen: 19.060 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

Tgt Ion: 84 Resp: 77943
Ion Ratio Lower Upper
84 100
86 65.5 44.7 83.1
49 147.6 101.7 188.9

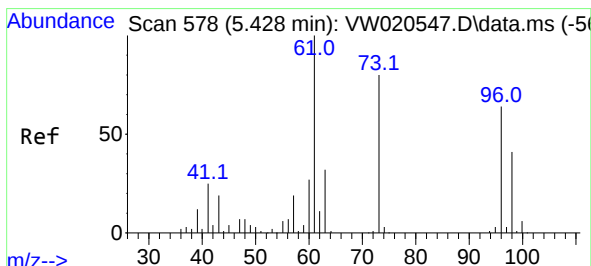
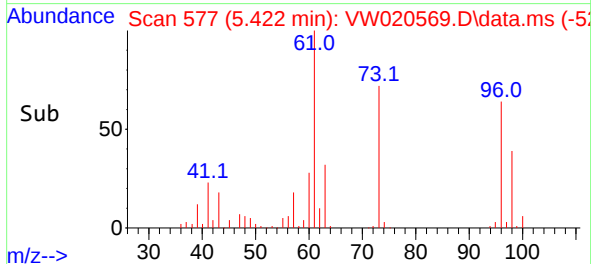
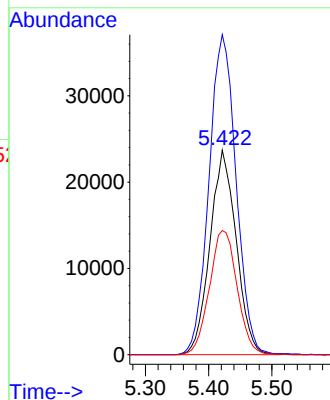
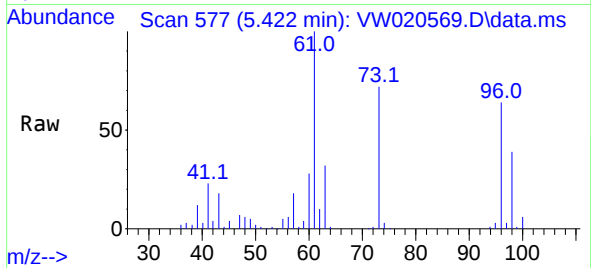




#17
trans-1,2-Dichloroethene
Concen: 22.033 ug/L
RT: 5.422 min Scan# 519
Delta R.T. -0.006 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

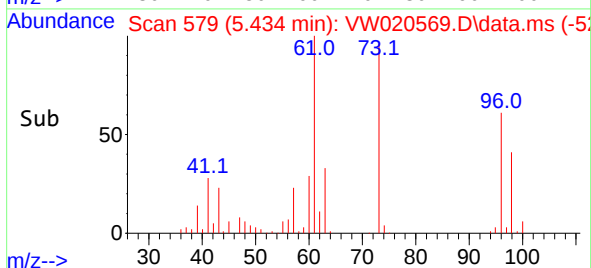
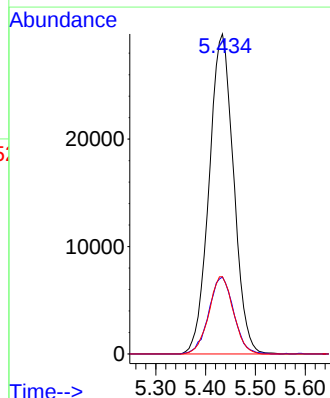
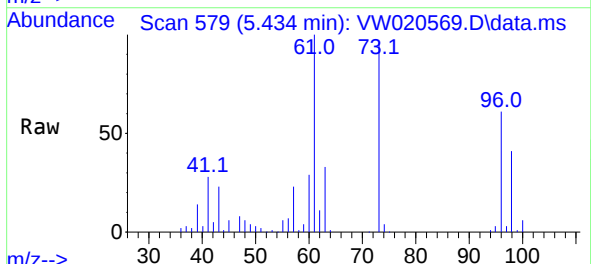
Instrument :
MSVOA_W
ClientSampleId :
JDGD7MS

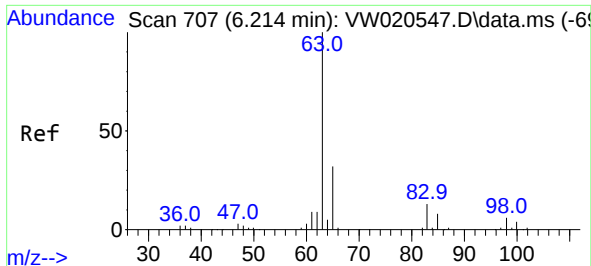
Tgt Ion: 96 Resp: 68370
Ion Ratio Lower Upper
96 100
61 156.4 110.7 205.5
98 60.7 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 23.232 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

Tgt Ion: 73 Resp: 101566
Ion Ratio Lower Upper
73 100
43 24.5 18.9 28.3
57 24.1 18.9 28.3





#19

1,1-Dichloroethane

Concen: 22.993 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW020569.D

Acq: 18 Oct 2021 17:45

Instrument :

MSVOA_W

ClientSampleId :

JDGD7MS

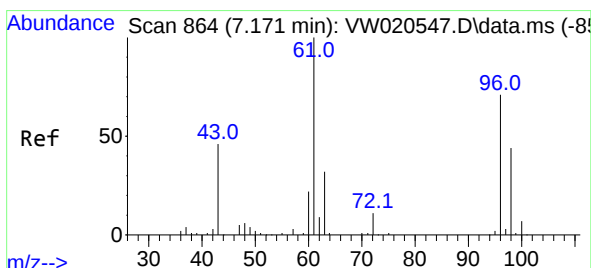
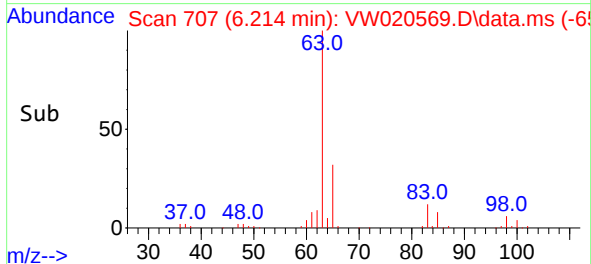
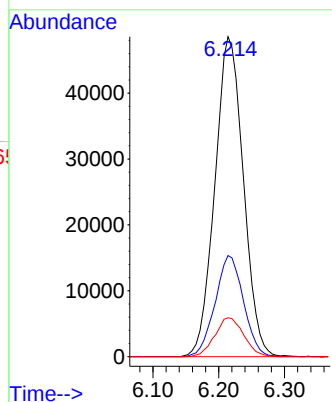
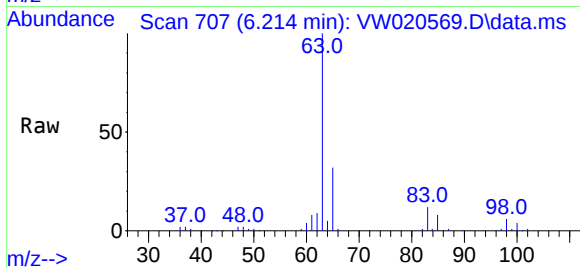
Tgt Ion: 63 Resp: 146268

Ion Ratio Lower Upper

63 100

65 31.6 21.9 40.7

83 12.2 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 23.247 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW020569.D

Acq: 18 Oct 2021 17:45

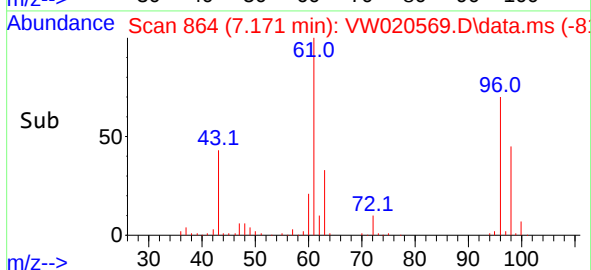
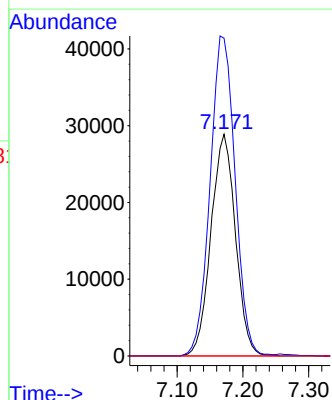
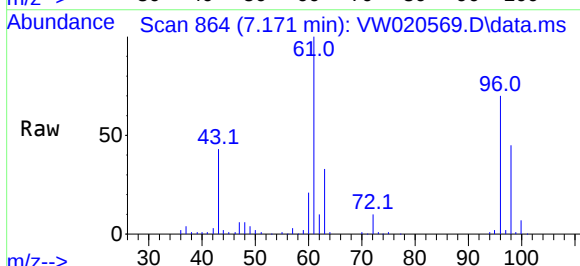
Tgt Ion: 96 Resp: 74981

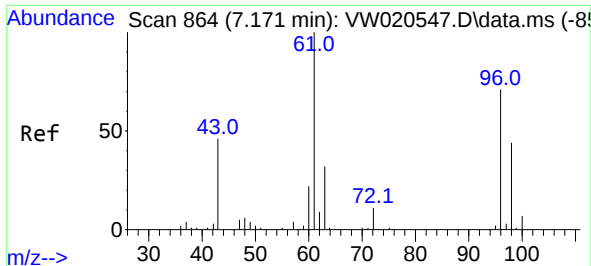
Ion Ratio Lower Upper

96 100

61 143.2 100.3 186.3

68 0.0 0.0 0.0

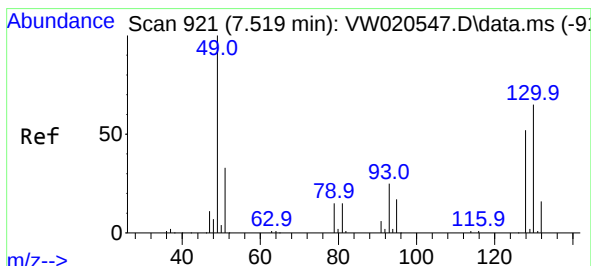
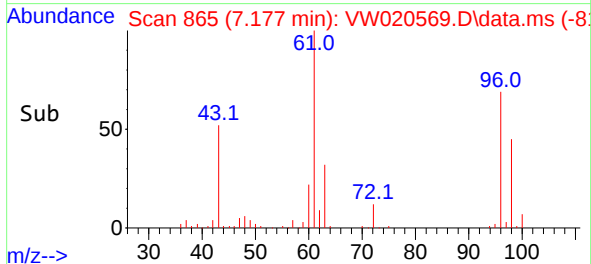
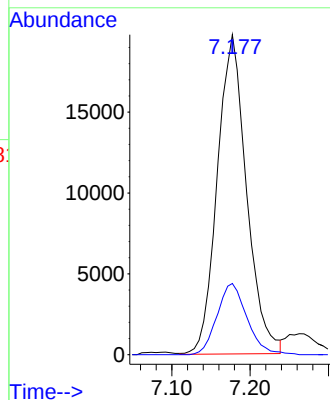
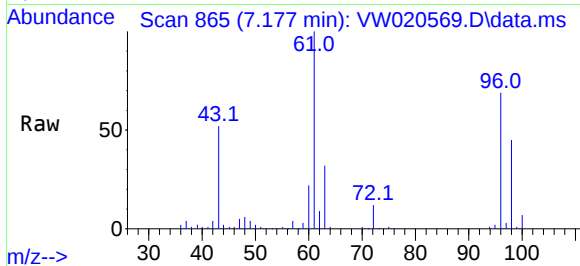




#22
2-Butanone
Concen: 47.880 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

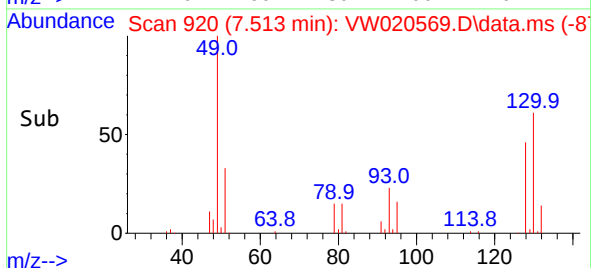
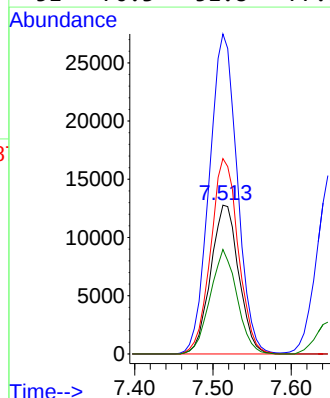
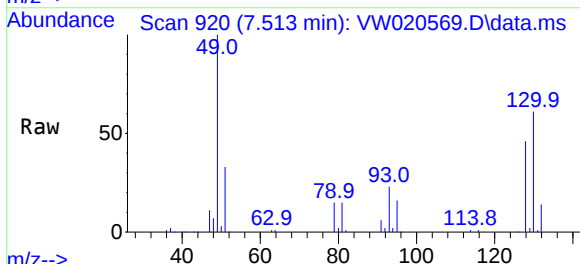
Instrument :
MSVOA_W
ClientSampleId :
JDGD7MS

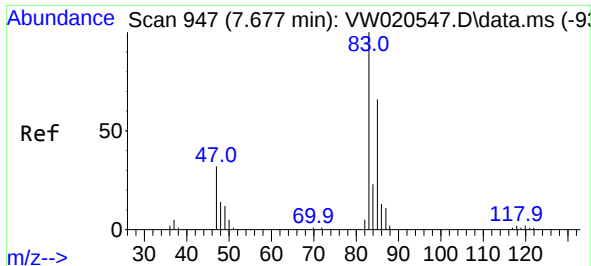
Tgt Ion: 43 Resp: 51258
Ion Ratio Lower Upper
43 100
72 22.9 12.2 36.6



#23
Bromochloromethane
Concen: 22.499 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

Tgt Ion: 128 Resp: 31828
Ion Ratio Lower Upper
128 100
49 215.1 144.1 267.7
130 131.3 89.2 165.6
51 70.3 51.8 77.8

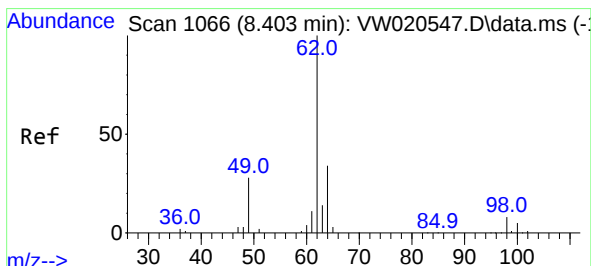
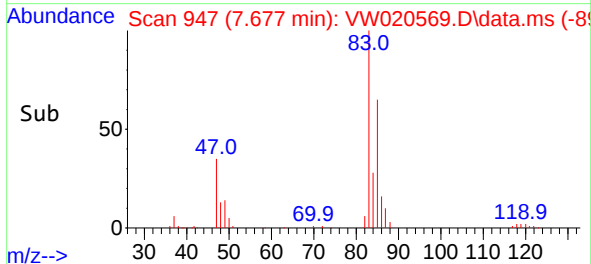
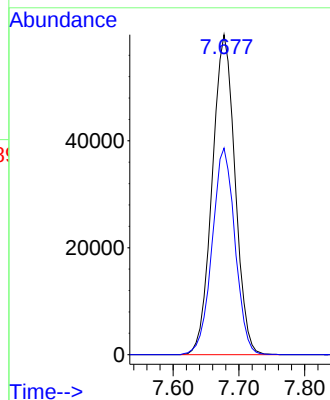
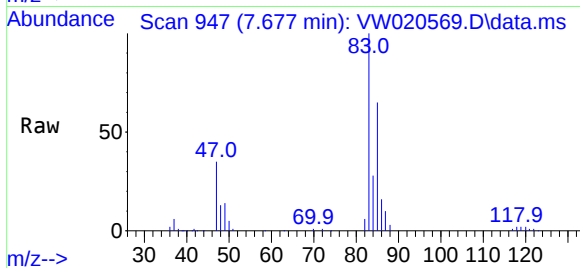




#25
Chloroform
Concen: 23.388 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

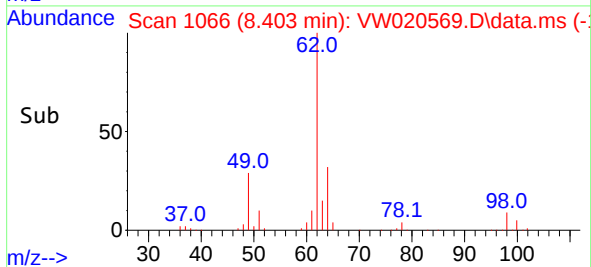
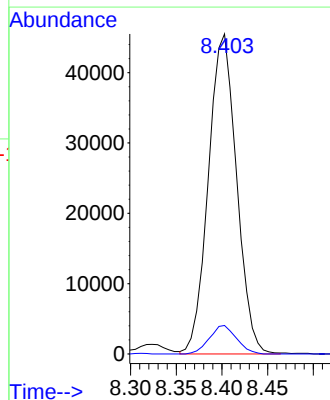
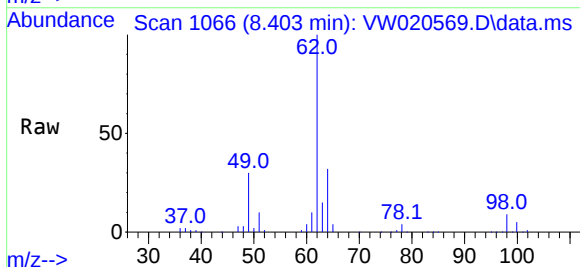
Instrument :
MSVOA_W
ClientSampleId :
JDGD7MS

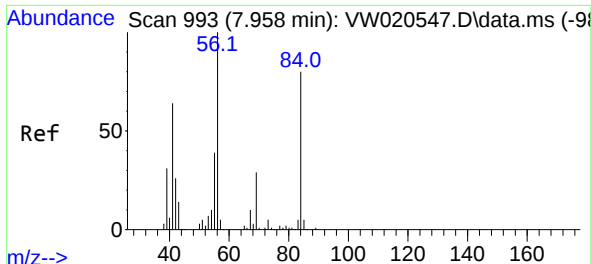
Tgt Ion: 83 Resp: 144639
Ion Ratio Lower Upper
83 100
85 64.6 44.6 82.8



#27
1,2-Dichloroethane
Concen: 23.167 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

Tgt Ion: 62 Resp: 97993
Ion Ratio Lower Upper
62 100
98 8.9 6.6 10.0





#29

Cyclohexane

Concen: 22.513 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW020569.D

Acq: 18 Oct 2021 17:45

Instrument :

MSVOA_W

ClientSampleId :

JDGD7MS

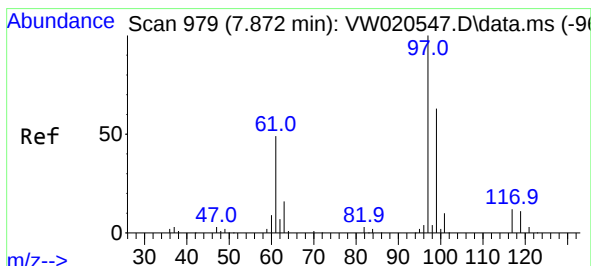
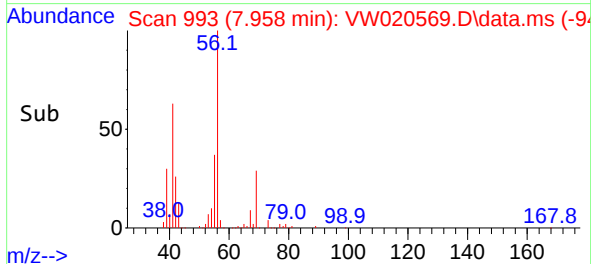
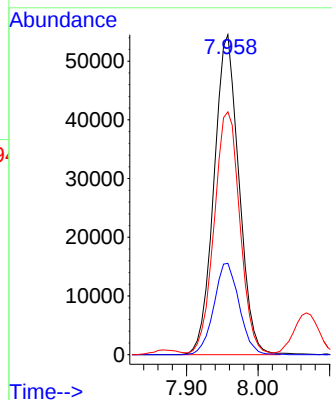
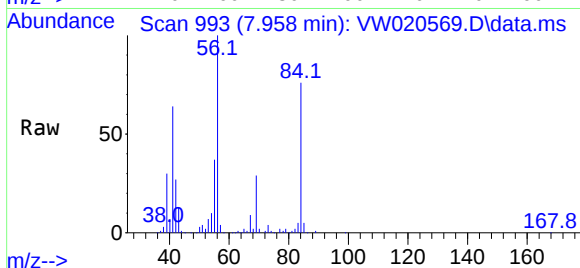
Tgt Ion: 56 Resp: 132243

Ion Ratio Lower Upper

56 100

69 29.0 23.2 34.8

84 78.3 63.7 95.5



#30

1,1,1-Trichloroethane

Concen: 22.154 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW020569.D

Acq: 18 Oct 2021 17:45

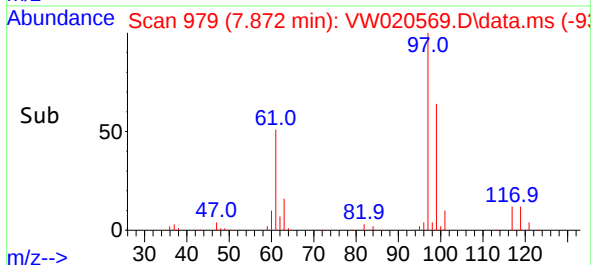
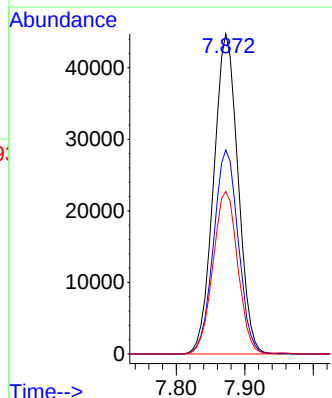
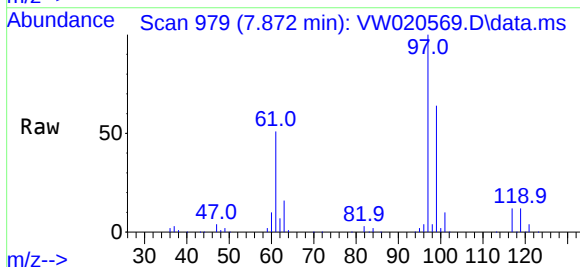
Tgt Ion: 97 Resp: 110422

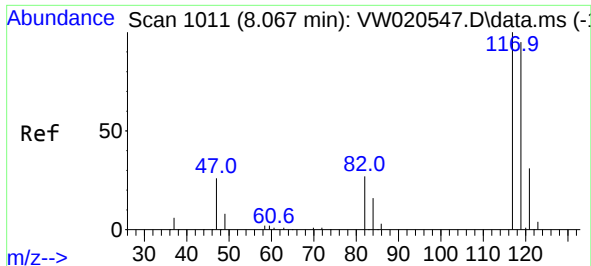
Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.0

61 51.7 41.0 61.6

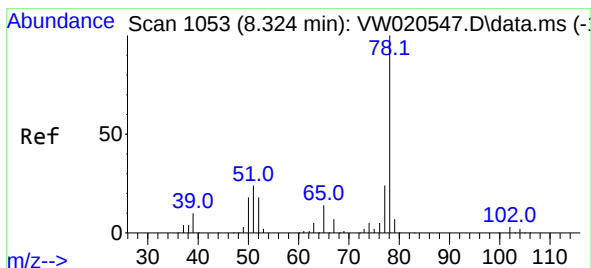
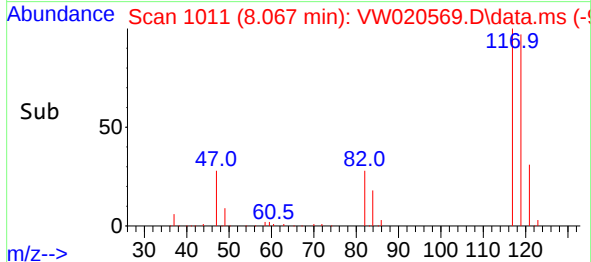
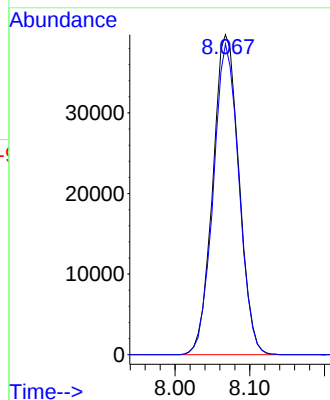
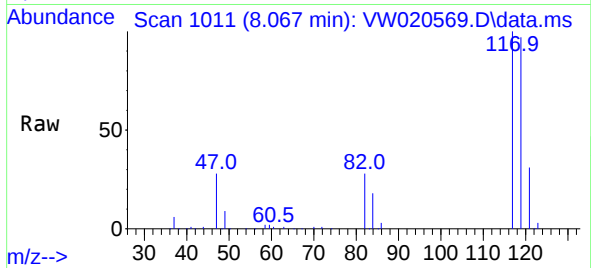




#31
Carbon tetrachloride
Concen: 22.076 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

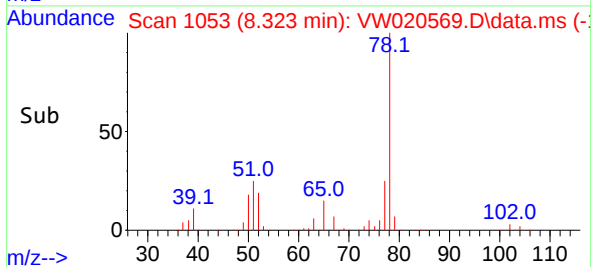
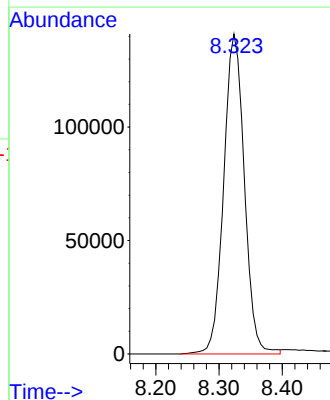
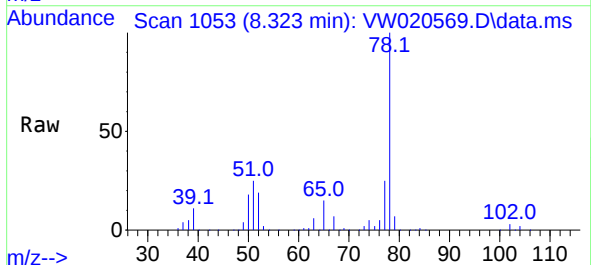
Instrument :
MSVOA_W
ClientSampleId :
JDGD7MS

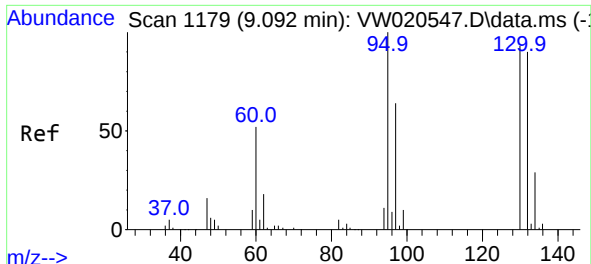
Tgt Ion:117 Resp: 96742
Ion Ratio Lower Upper
117 100
119 94.9 77.0 115.4



#33
Benzene
Concen: 22.391 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

Tgt Ion: 78 Resp: 319980

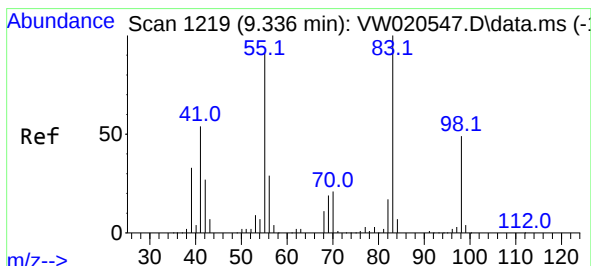
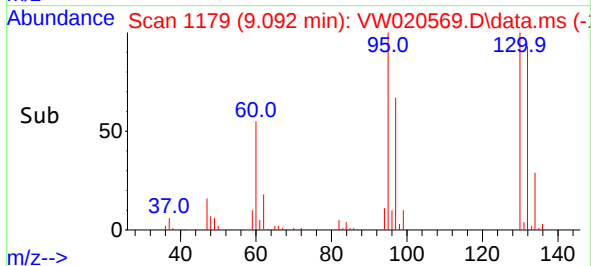
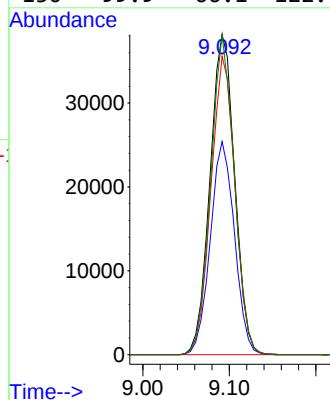
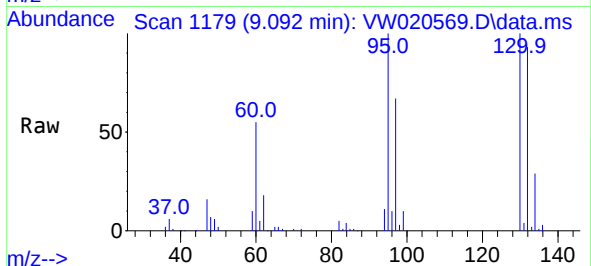




#34
Trichloroethene
Concen: 21.473 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

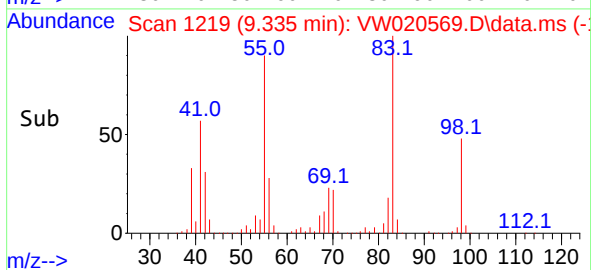
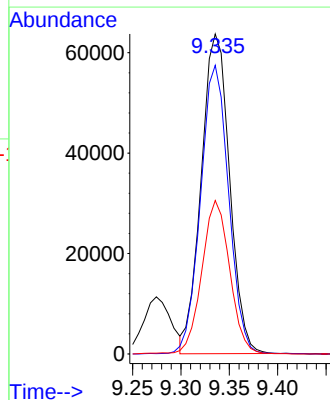
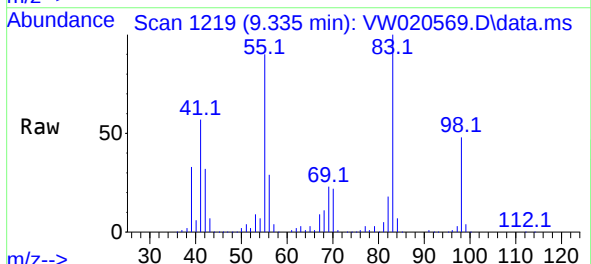
Instrument :
MSVOA_W
ClientSampleId :
JDGD7MS

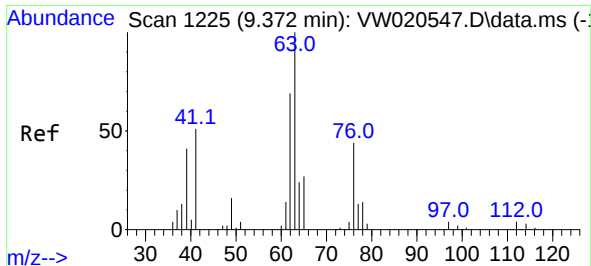
Tgt Ion: 95 Resp: 75597
Ion Ratio Lower Upper
95 100
97 66.6 43.2 80.2
132 93.2 62.3 115.7
130 99.9 66.1 122.7



#35
Methylcyclohexane
Concen: 21.580 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

Tgt Ion: 83 Resp: 130017
Ion Ratio Lower Upper
83 100
55 89.4 69.7 104.5
98 47.0 38.2 57.2





#37

1,2-Dichloropropane

Concen: 22.824 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW020569.D

Acq: 18 Oct 2021 17:45

Instrument :

MSVOA_W

ClientSampleId :

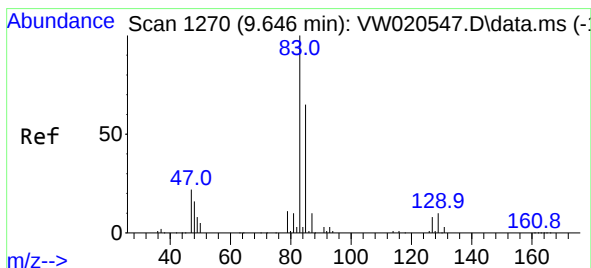
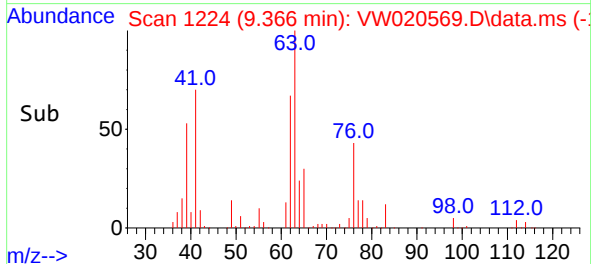
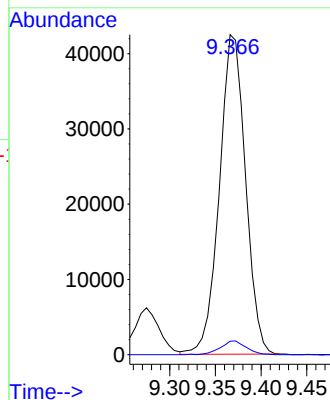
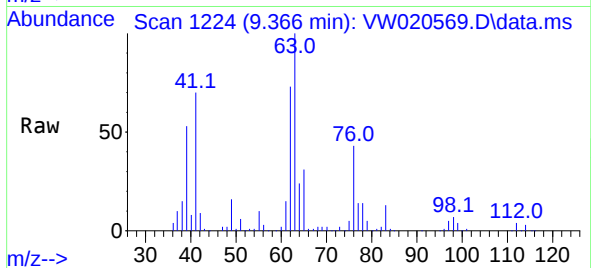
JDGD7MS

Tgt Ion: 63 Resp: 84464

Ion Ratio Lower Upper

63 100

112 4.2 3.5 5.3



#38

Bromodichloromethane

Concen: 22.845 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW020569.D

Acq: 18 Oct 2021 17:45

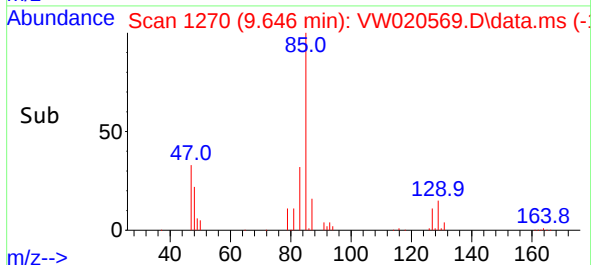
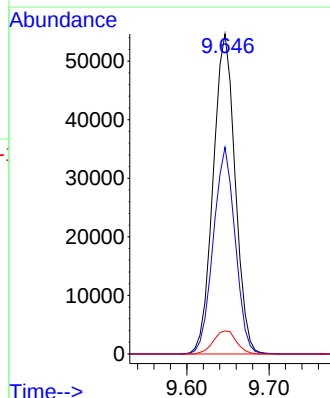
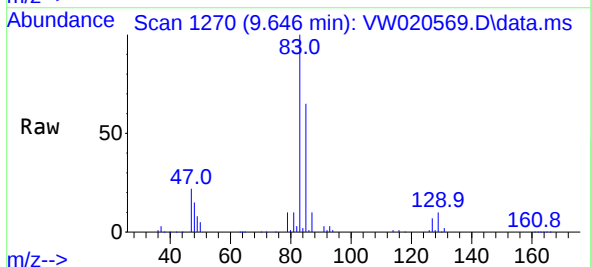
Tgt Ion: 83 Resp: 101362

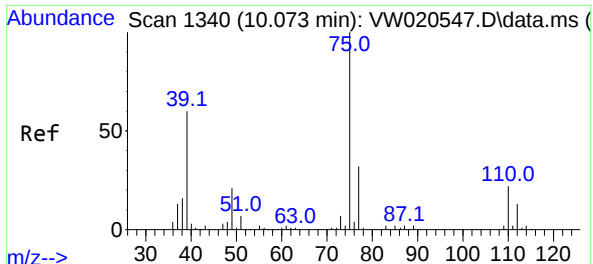
Ion Ratio Lower Upper

83 100

85 64.6 43.4 80.6

127 7.2 6.2 9.2

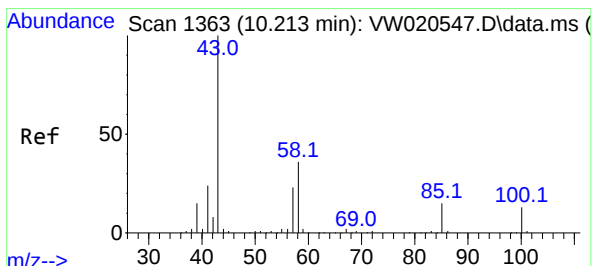
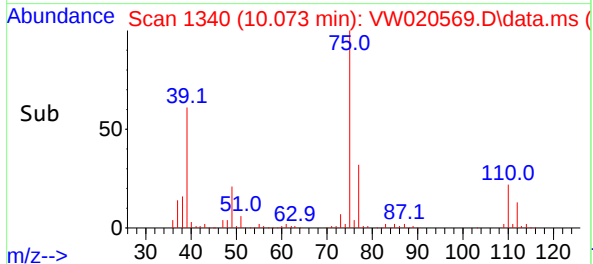
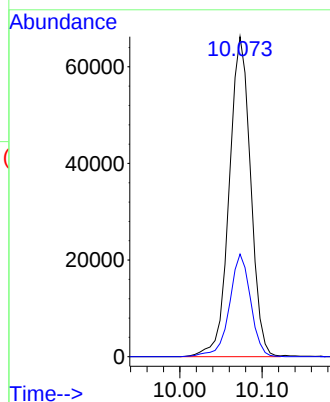
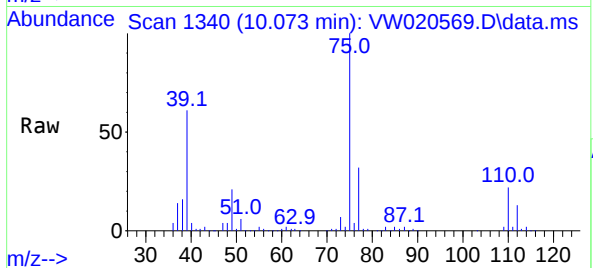




#39
cis-1,3-Dichloropropene
Concen: 23.500 ug/L
RT: 10.073 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

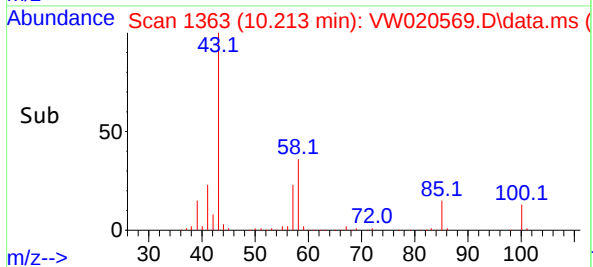
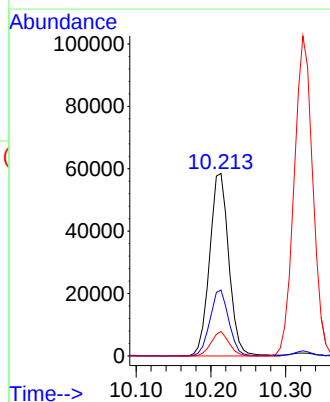
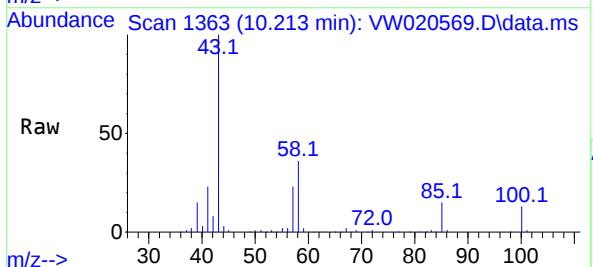
Instrument :
MSVOA_W
ClientSampleId :
JDGD7MS

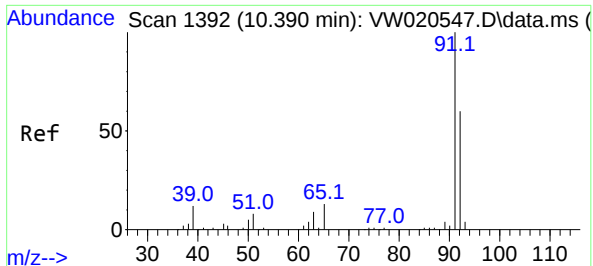
Tgt Ion: 75 Resp: 119988
Ion Ratio Lower Upper
75 100
77 32.0 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 47.160 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

Tgt Ion: 43 Resp: 104751
Ion Ratio Lower Upper
43 100
58 35.3 29.0 43.4
100 12.4 10.2 15.4

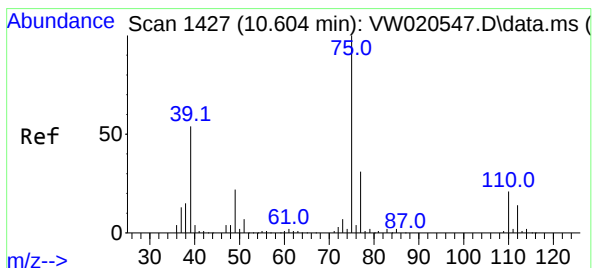
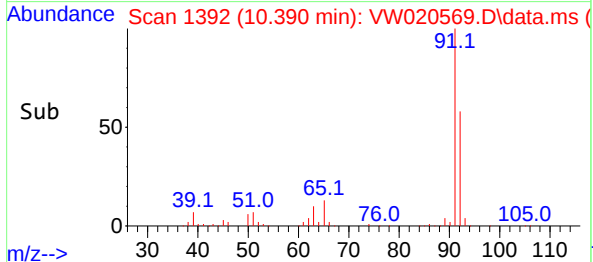
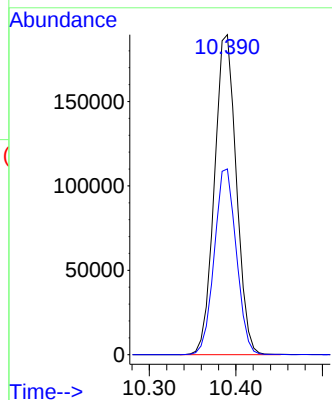
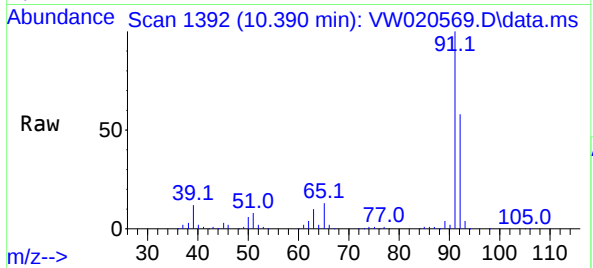




#42
Toluene
Concen: 23.238 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

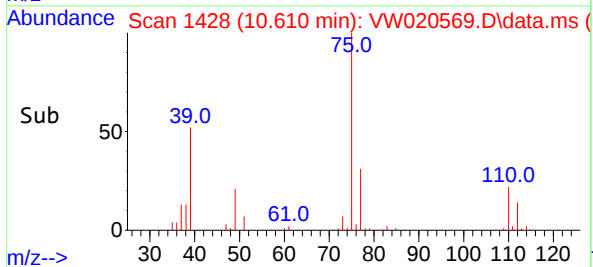
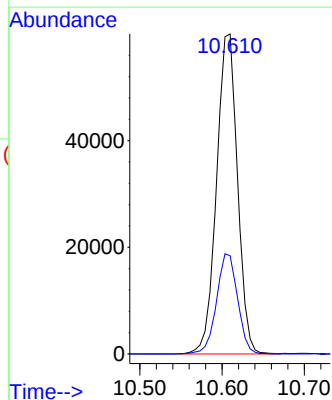
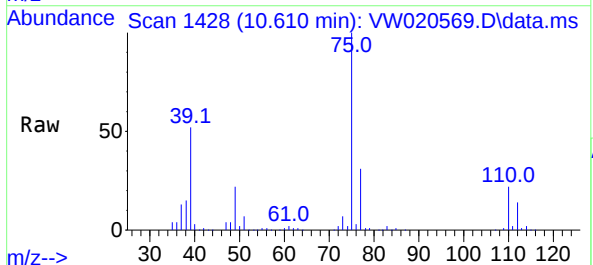
Instrument :
MSVOA_W
ClientSampleId :
JDGD7MS

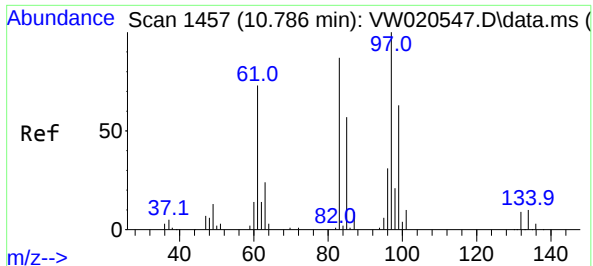
Tgt Ion: 91 Resp: 333097
Ion Ratio Lower Upper
91 100
92 58.1 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 23.628 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

Tgt Ion: 75 Resp: 106352
Ion Ratio Lower Upper
75 100
77 30.7 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 22.865 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW020569.D

Acq: 18 Oct 2021 17:45

Instrument :

MSVOA_W

ClientSampleId :

JDGD7MS

Tgt Ion: 97 Resp: 54329

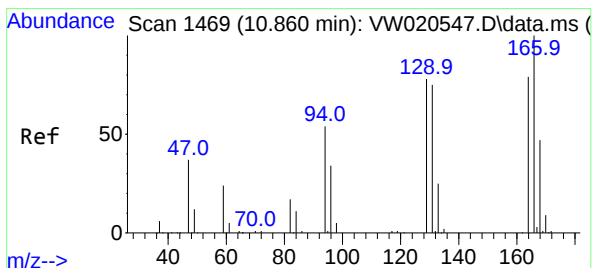
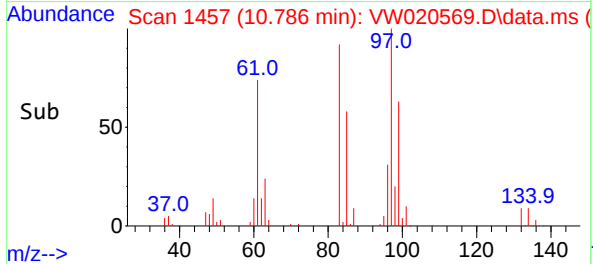
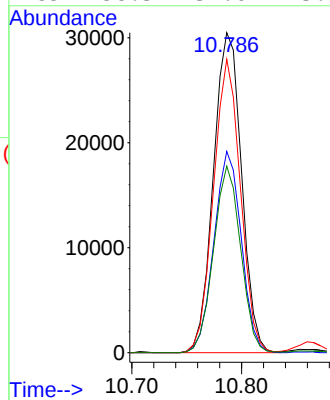
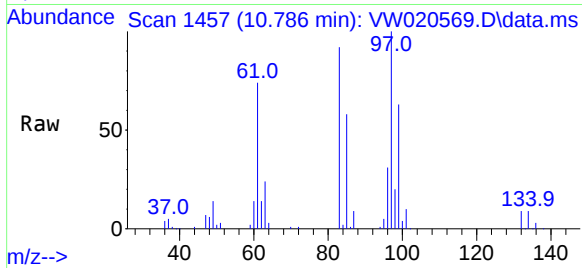
Ion Ratio Lower Upper

97 100

99 62.9 42.8 79.4

83 91.7 60.9 113.1

85 58.3 39.6 73.6



#46

Tetrachloroethene

Concen: 21.926 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW020569.D

Acq: 18 Oct 2021 17:45

Tgt Ion:164 Resp: 55446

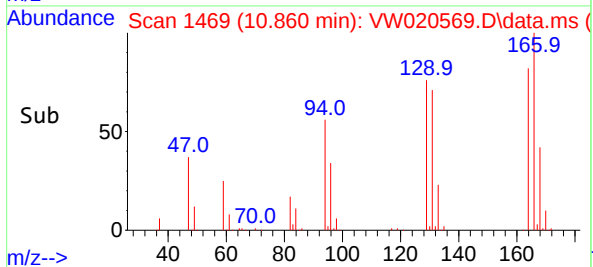
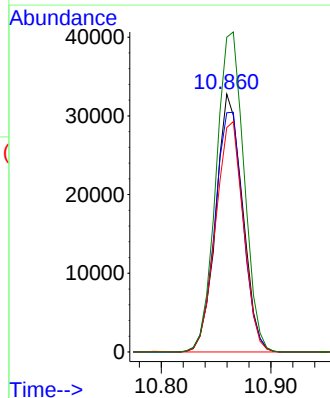
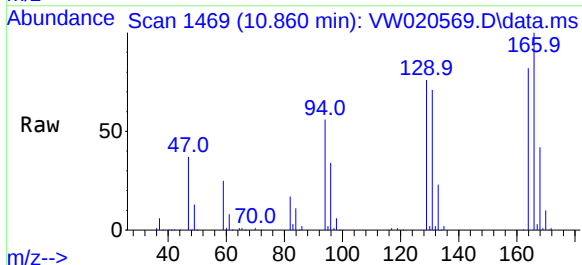
Ion Ratio Lower Upper

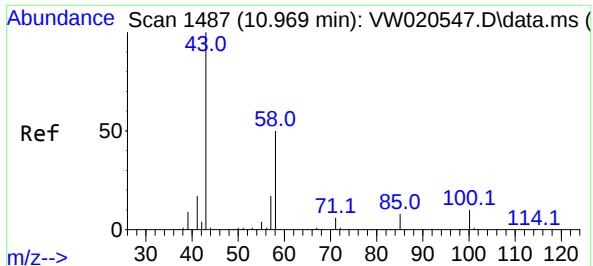
164 100

129 92.7 69.1 128.3

131 87.0 58.3 108.3

166 122.0 90.4 168.0



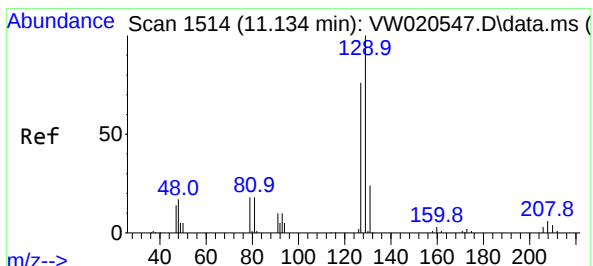
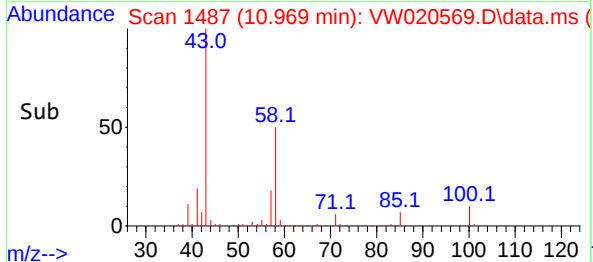
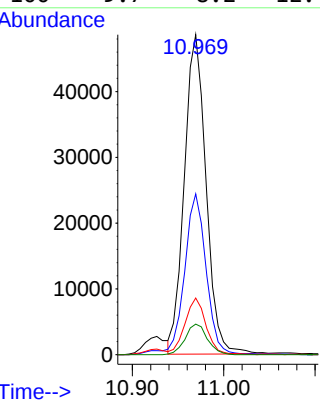
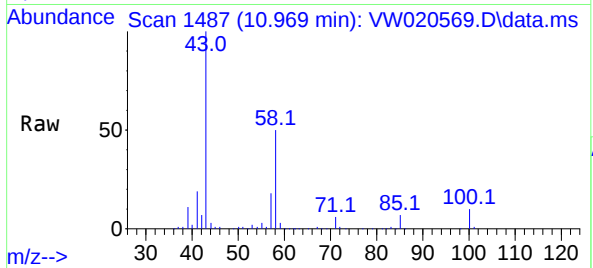


#48
2-Hexanone
Concen: 49.467 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

Instrument :
MSVOA_W
ClientSampleId :
JDGD7MS

Tgt Ion: 43 Resp: 80615

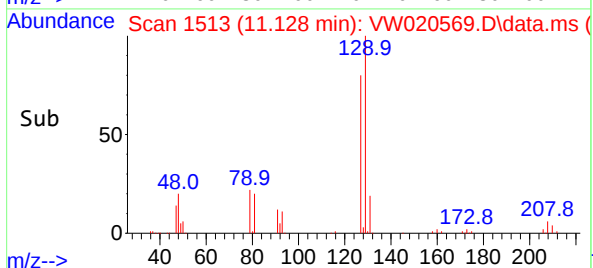
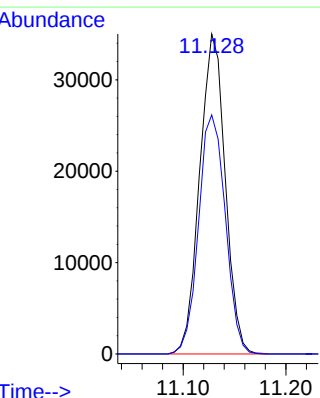
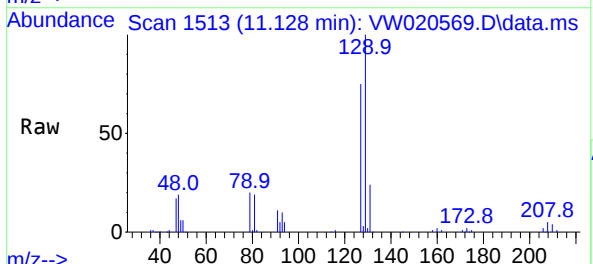
Ion	Ratio	Lower	Upper
43	100		
58	49.2	39.5	59.3
57	17.3	14.2	21.4
100	9.7	8.2	12.4

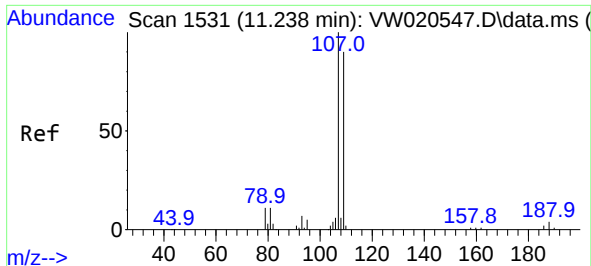


#49
Dibromochloromethane
Concen: 23.079 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

Tgt Ion: 129 Resp: 60416

Ion	Ratio	Lower	Upper
129	100		
127	74.7	55.1	102.3





#50

1,2-Dibromoethane

Concen: 22.115 ug/L

RT: 11.238 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020569.D

Acq: 18 Oct 2021 17:45

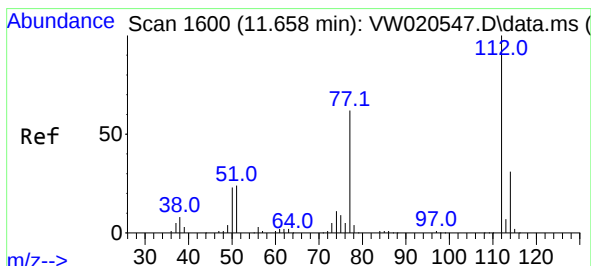
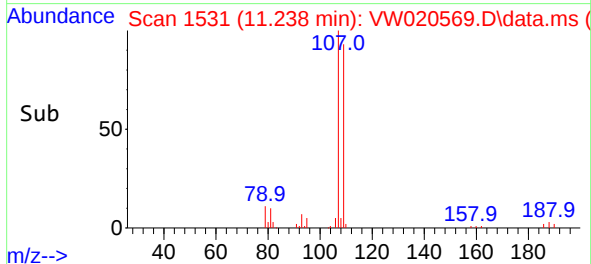
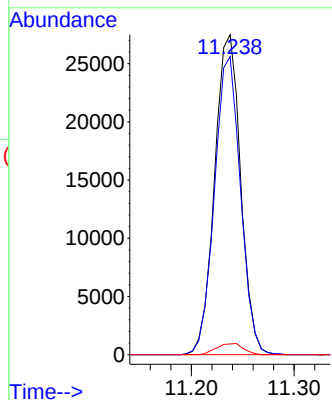
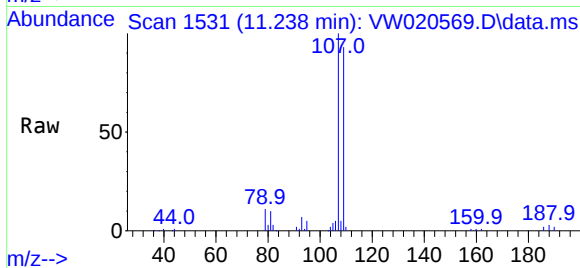
Instrument :

MSVOA_W

ClientSampleId :

JDGD7MS

Tgt Ion:107	Resp:	48267
Ion	Ratio	Lower Upper
107	100	
109	93.2	64.5 119.9
188	3.4	3.2 4.8



#51

Chlorobenzene

Concen: 22.301 ug/L

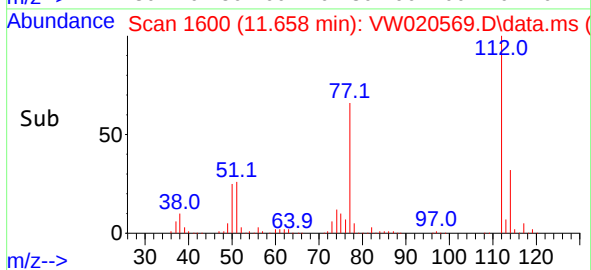
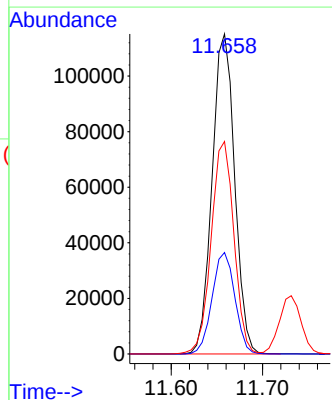
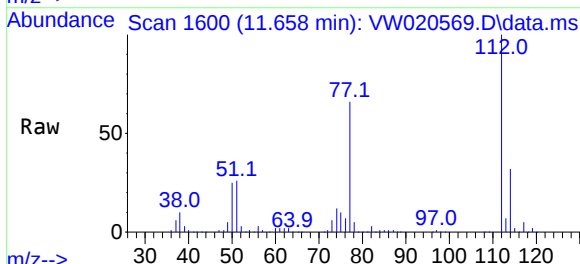
RT: 11.658 min Scan# 1600

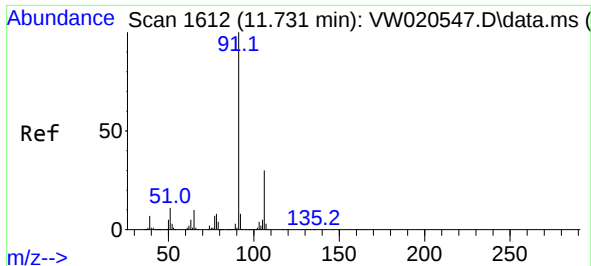
Delta R.T. -0.000 min

Lab File: VW020569.D

Acq: 18 Oct 2021 17:45

Tgt Ion:112	Resp:	197123
Ion	Ratio	Lower Upper
112	100	
114	31.7	22.3 41.5
77	66.4	50.7 76.1





#52

Ethylbenzene

Concen: 23.613 ug/L

RT: 11.731 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020569.D

Acq: 18 Oct 2021 17:45

Instrument :

MSVOA_W

ClientSampleId :

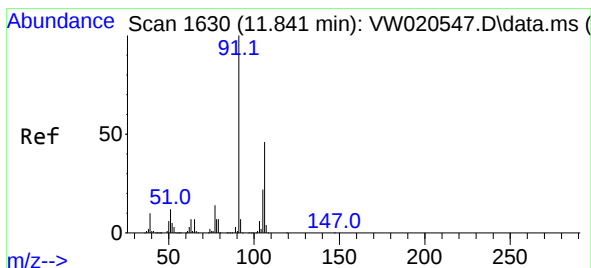
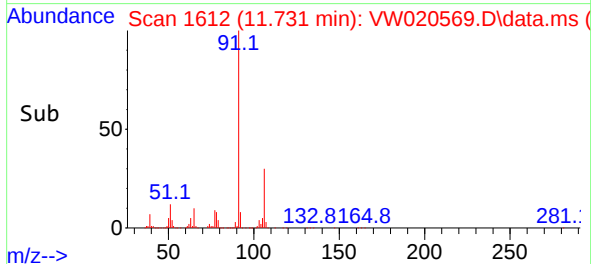
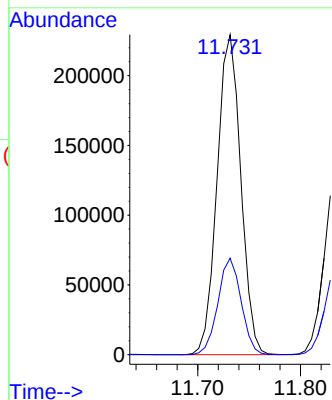
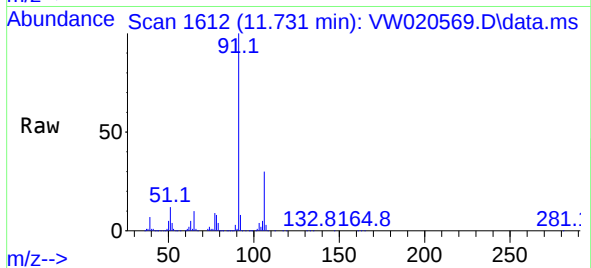
JDGD7MS

Tgt Ion: 91 Resp: 367035

Ion Ratio Lower Upper

91 100

106 30.2 21.3 39.5



#53

m,p-Xylene

Concen: 23.352 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. -0.000 min

Lab File: VW020569.D

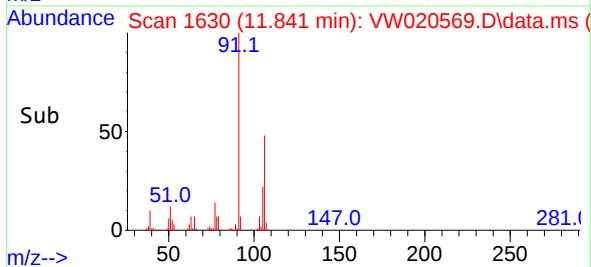
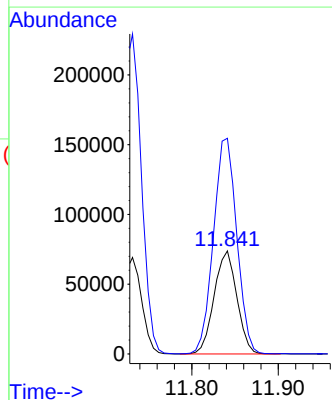
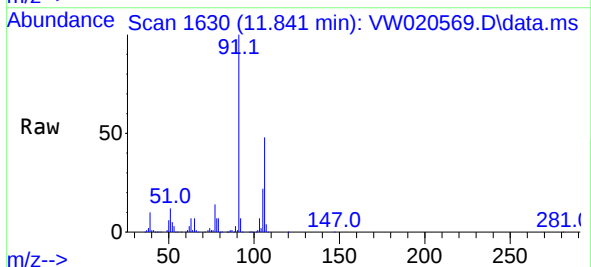
Acq: 18 Oct 2021 17:45

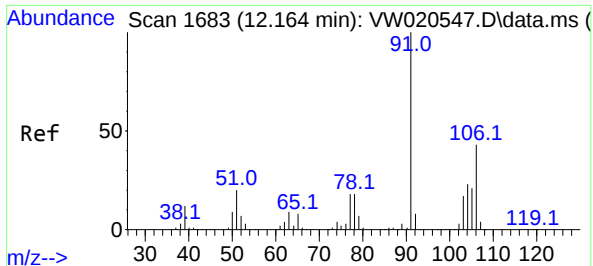
Tgt Ion:106 Resp: 134491

Ion Ratio Lower Upper

106 100

91 209.3 148.2 275.2

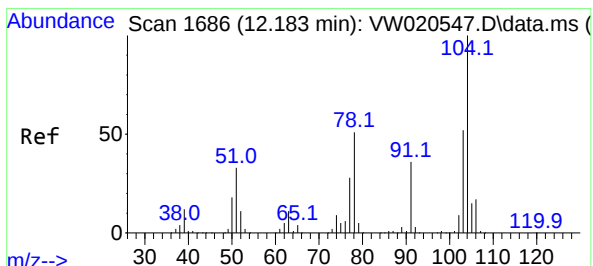
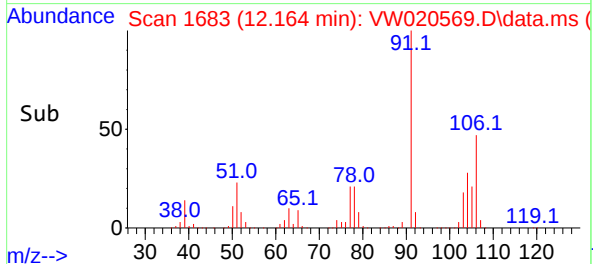
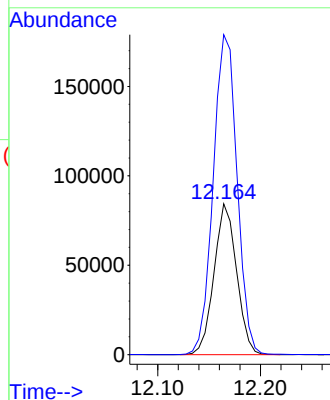
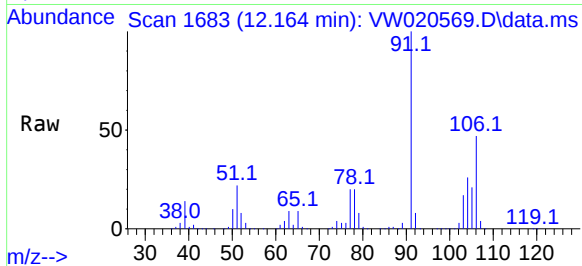




#54
o-Xylene
Concen: 24.185 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

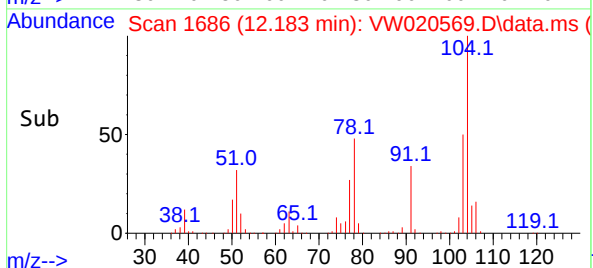
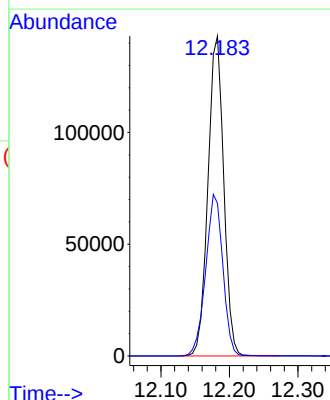
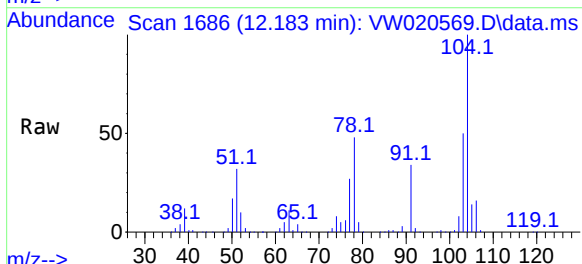
Instrument :
MSVOA_W
ClientSampleId :
JDGD7MS

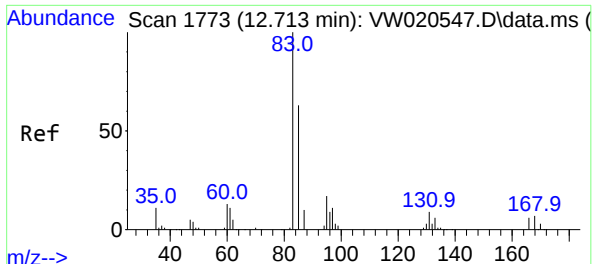
Tgt Ion:106 Resp: 128632
Ion Ratio Lower Upper
106 100
91 212.0 156.1 289.9



#55
Styrene
Concen: 24.668 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

Tgt Ion:104 Resp: 229403
Ion Ratio Lower Upper
104 100
78 47.7 33.2 61.7



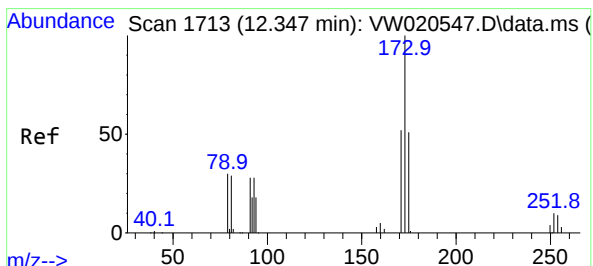
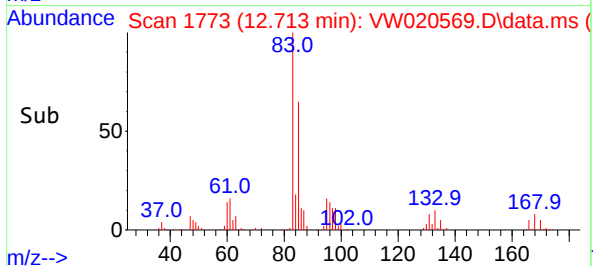
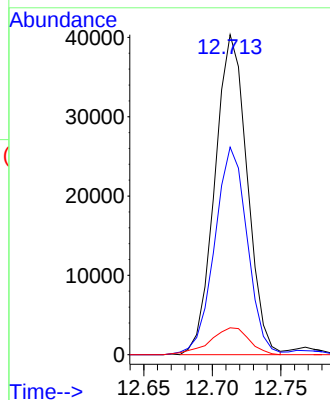
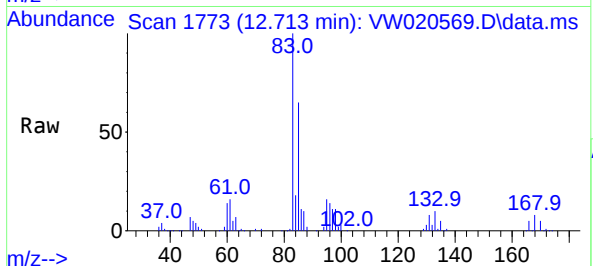


#57
1,1,2,2-Tetrachloroethane
Concen: 22.476 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

Instrument :
MSVOA_W
ClientSampleId :
JDGD7MS

Tgt Ion: 83 Resp: 66207

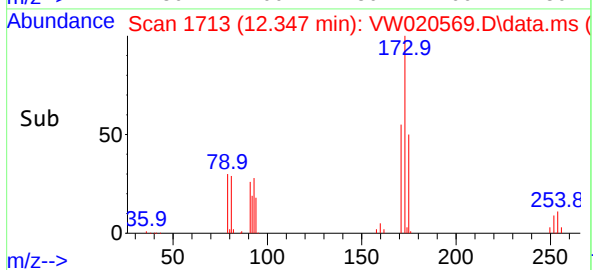
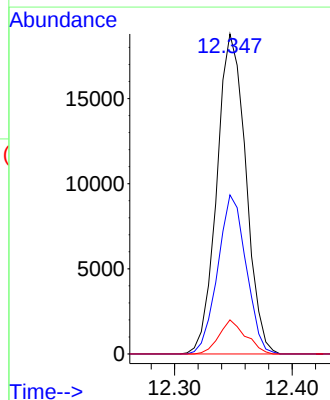
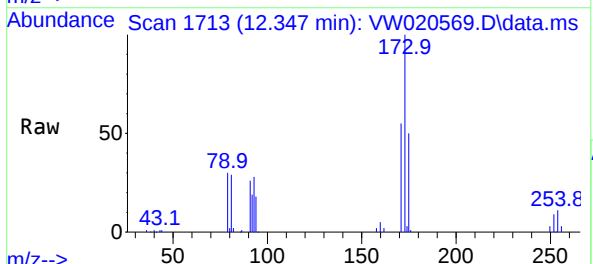
Ion	Ratio	Lower	Upper
83	100		
85	64.8	45.9	85.3
131	8.4	7.4	11.2

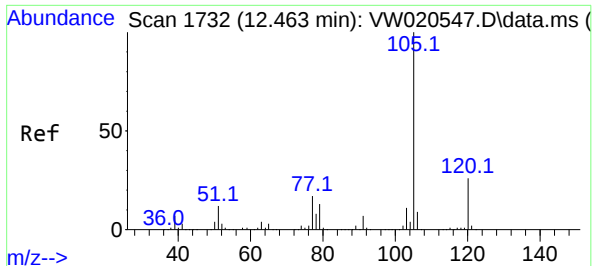


#59
Bromoform
Concen: 21.108 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

Tgt Ion: 173 Resp: 32179

Ion	Ratio	Lower	Upper
173	100		
175	48.7	38.6	57.8
254	9.8	7.3	10.9

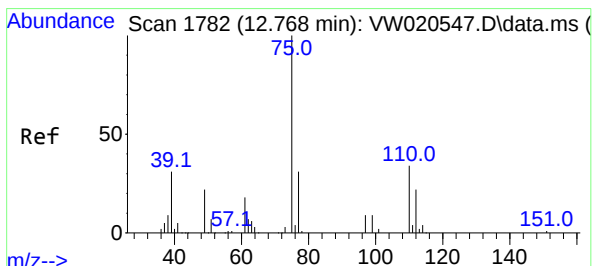
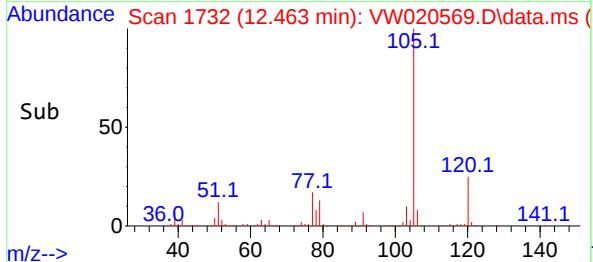
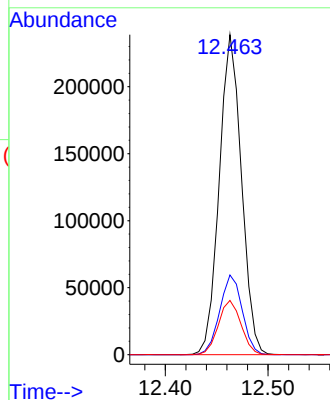
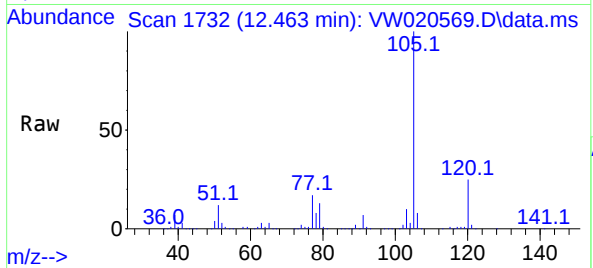




#60
Isopropylbenzene
Concen: 22.427 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

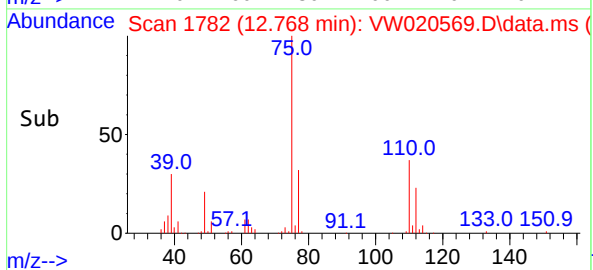
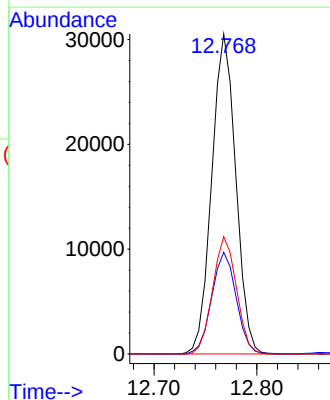
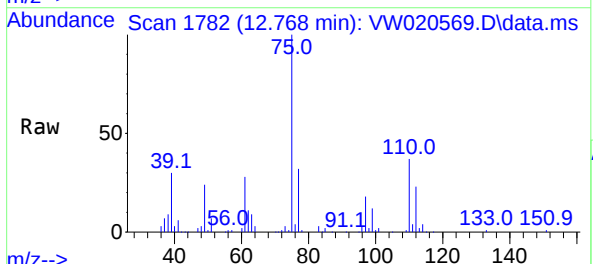
Instrument :
MSVOA_W
ClientSampleId :
JDGD7MS

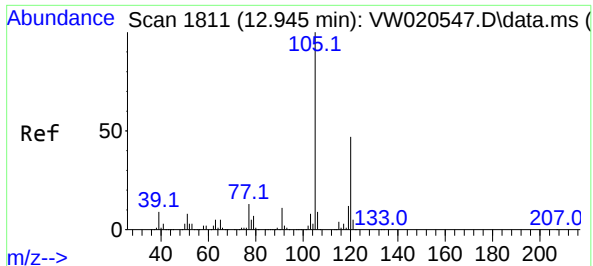
Tgt Ion:105 Resp: 358220
Ion Ratio Lower Upper
105 100
120 25.2 20.3 30.5
77 17.3 13.8 20.6



#61
1,2,3-Trichloropropane
Concen: 20.635 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

Tgt Ion: 75 Resp: 49471
Ion Ratio Lower Upper
75 100
77 32.4 25.1 37.7
110 36.2 29.4 44.0





#62

1,3,5-Trimethylbenzene

Concen: 23.320 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. -0.000 min

Lab File: VW020569.D

Acq: 18 Oct 2021 17:45

Instrument :

MSVOA_W

ClientSampleId :

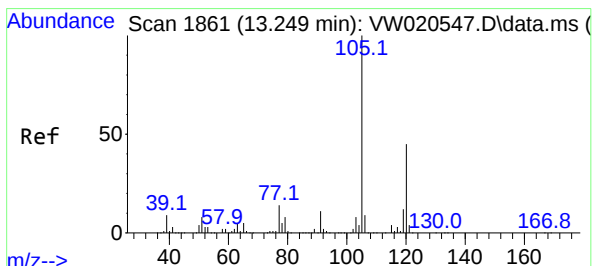
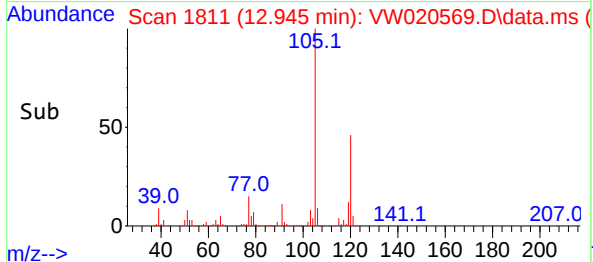
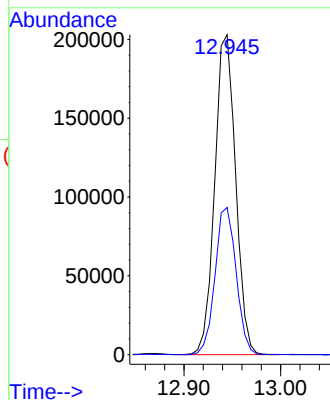
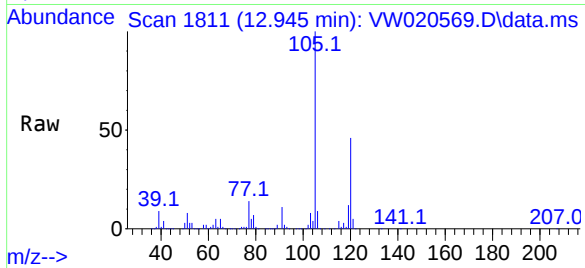
JDGD7MS

Tgt Ion:105 Resp: 304115

Ion Ratio Lower Upper

105 100

120 46.5 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 23.424 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW020569.D

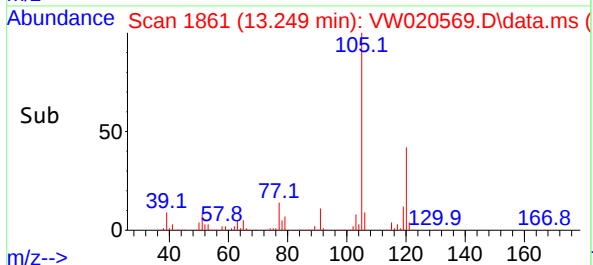
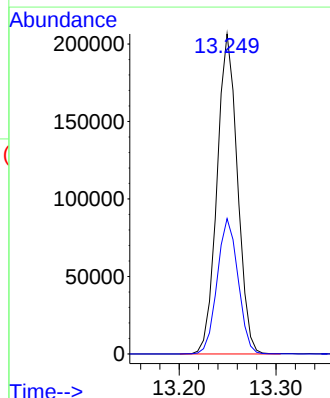
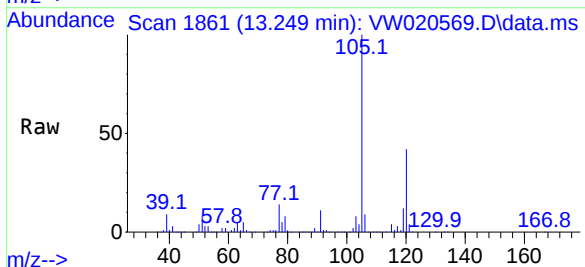
Acq: 18 Oct 2021 17:45

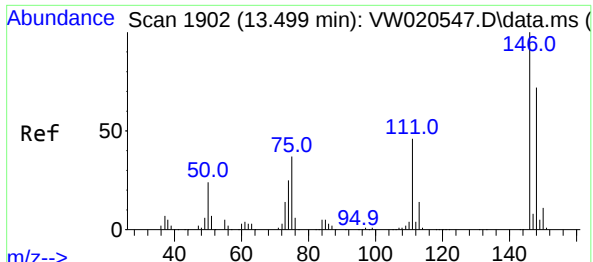
Tgt Ion:105 Resp: 302579

Ion Ratio Lower Upper

105 100

120 43.1 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 22.121 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VW020569.D

Acq: 18 Oct 2021 17:45

Instrument :

MSVOA_W

ClientSampleId :

JDGD7MS

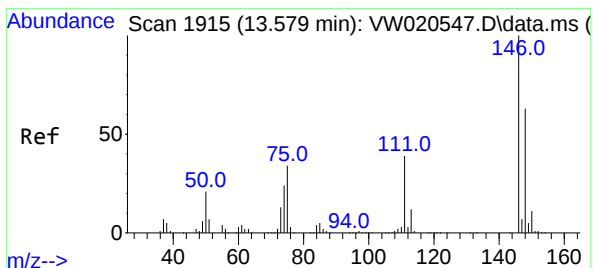
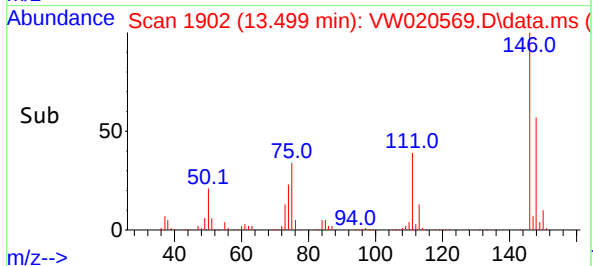
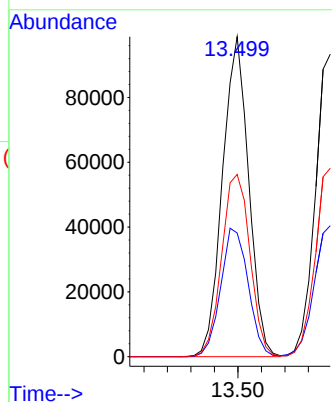
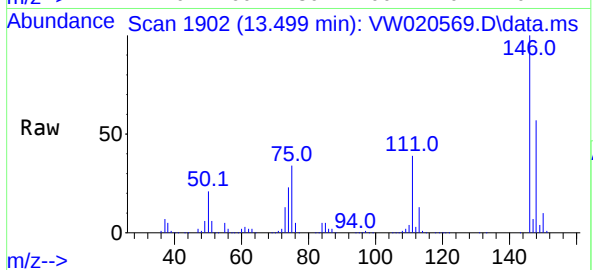
Tgt Ion:146 Resp: 152879

Ion Ratio Lower Upper

146 100

111 38.7 29.0 53.8

148 57.0 42.4 78.6



#65

1,4-Dichlorobenzene

Concen: 20.927 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VW020569.D

Acq: 18 Oct 2021 17:45

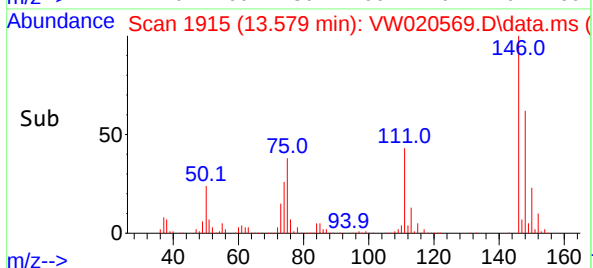
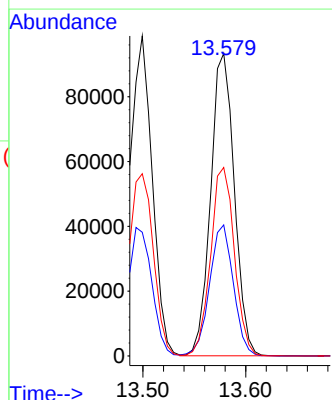
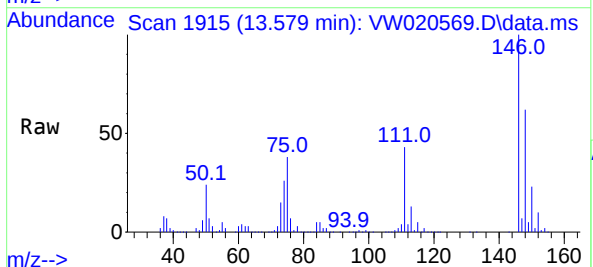
Tgt Ion:146 Resp: 149594

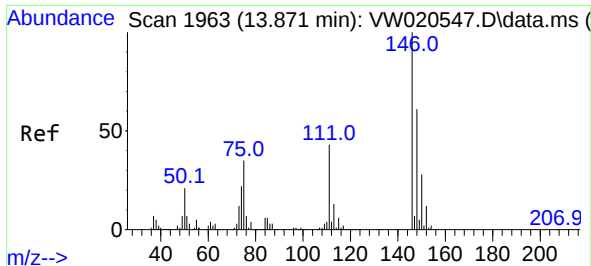
Ion Ratio Lower Upper

146 100

111 43.3 30.9 57.5

148 62.3 46.1 85.7

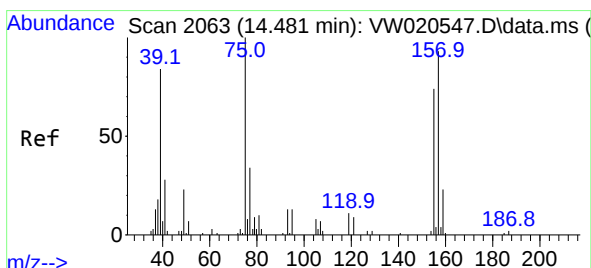
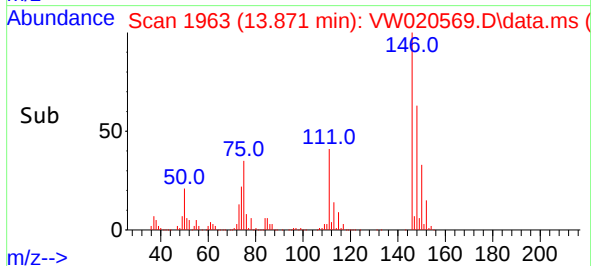
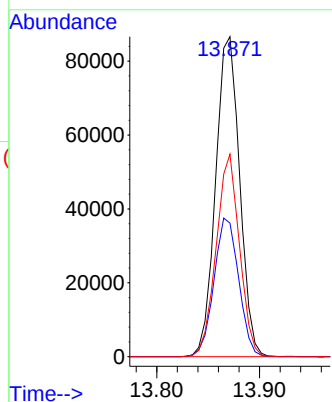
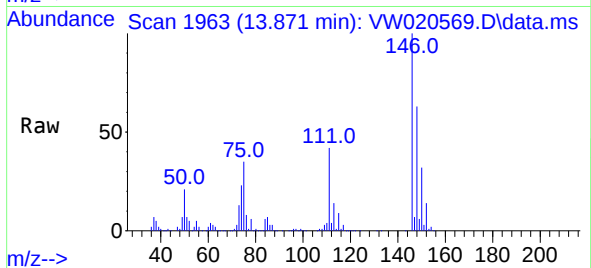




#67
1,2-Dichlorobenzene
Concen: 22.209 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

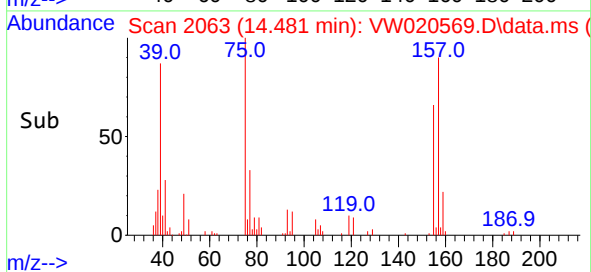
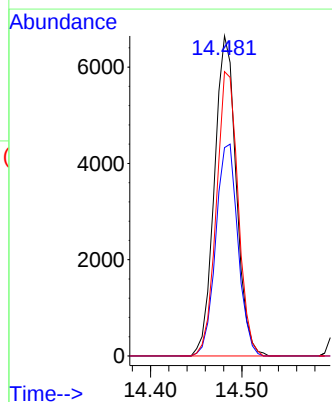
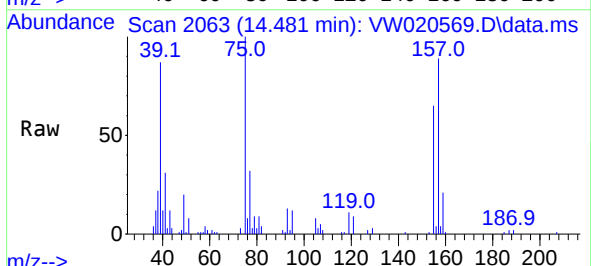
Instrument :
MSVOA_W
ClientSampleId :
JDGD7MS

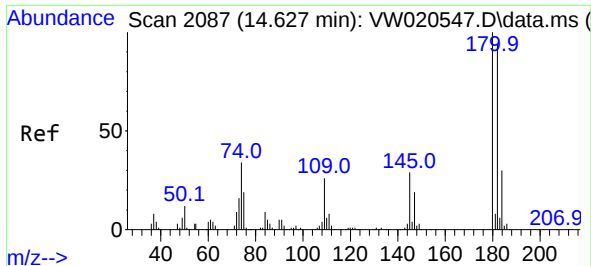
Tgt Ion:146 Resp: 140618
Ion Ratio Lower Upper
146 100
111 41.7 33.9 50.9
148 63.3 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 21.658 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

Tgt Ion: 75 Resp: 11029
Ion Ratio Lower Upper
75 100
155 65.1 51.4 77.0
157 88.9 70.8 106.2

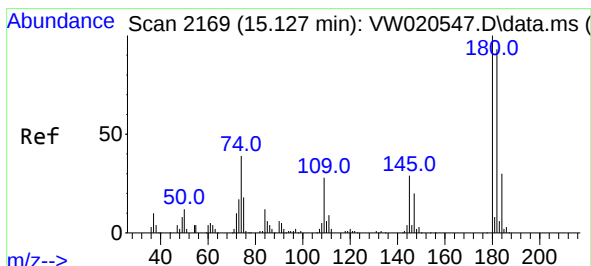
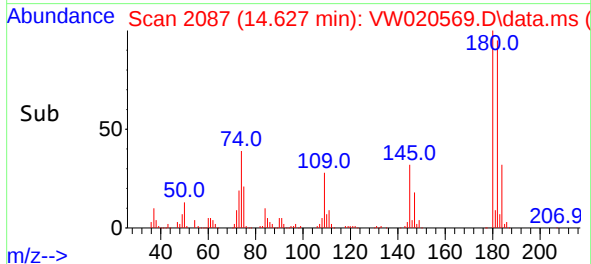
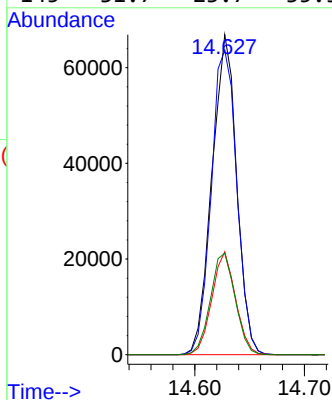
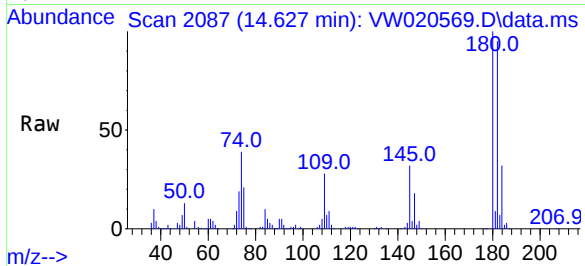




#69
1,3,5-Trichlorobenzene
Concen: 21.279 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

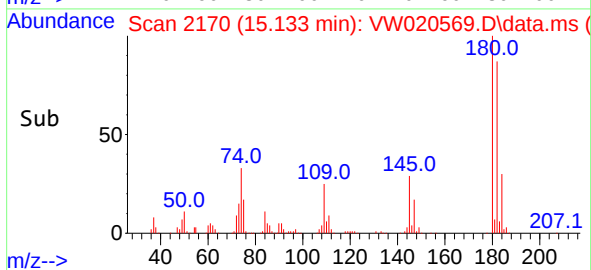
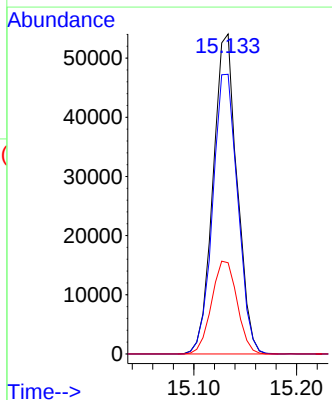
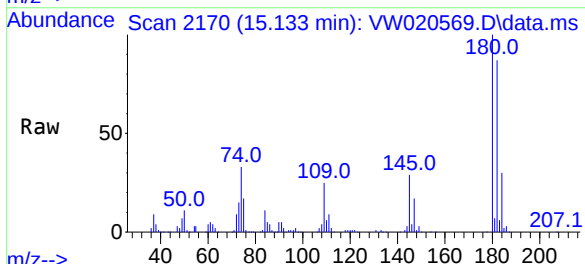
Instrument :
MSVOA_W
ClientSampleId :
JDGD7MS

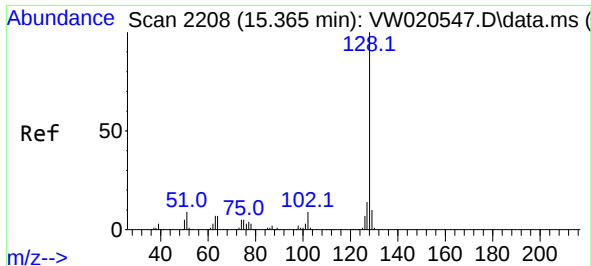
Tgt Ion:	180	Resp:	104862
Ion Ratio	Lower	Upper	
180	100		
182	98.3	73.4	110.0
184	30.9	24.2	36.4
145	31.7	23.7	35.5



#70
1,2,4-trichlorobenzene
Concen: 22.507 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

Tgt Ion:	180	Resp:	87825
Ion Ratio	Lower	Upper	
180	100		
182	90.7	75.8	113.8
145	30.8	24.8	37.2

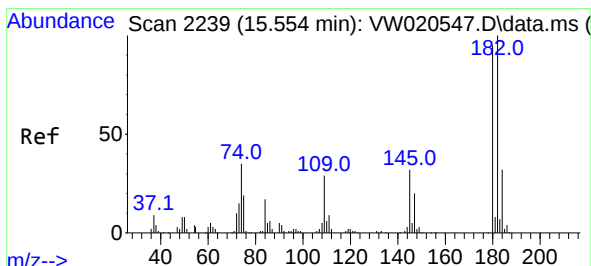
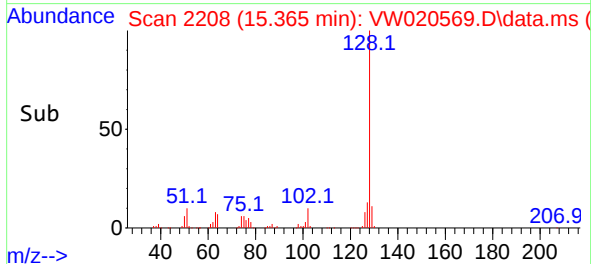
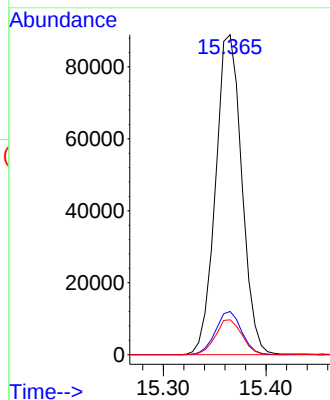
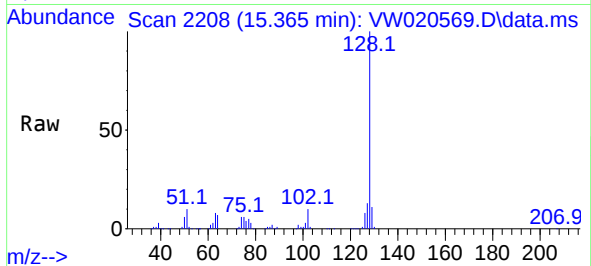




#71
Naphthalene
Concen: 22.445 ug/L
RT: 15.365 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

Instrument :
MSVOA_W
ClientSampleId :
JDGD7MS

Tgt Ion:	128	Resp:	157466
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.5	15.7
129	11.1	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 21.884 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW020569.D
Acq: 18 Oct 2021 17:45

Tgt Ion:	180	Resp:	75001
Ion Ratio	Lower	Upper	
180	100		
182	95.1	74.8	112.2
145	33.6	26.2	39.4

