

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101821\
 Data File : VW020575.D
 Acq On : 18 Oct 2021 20:59
 Operator : SY/VA
 Sample : M4212-09MSD
 Misc : 4.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JDGE9MSD

Quant Time: Oct 19 07:52:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 19 07:51:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	208500	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	201160	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	101434	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	63790	21.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.120%
7) Chloroethane-d5	2.879	69	32829	20.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.920%
11) 1,1-Dichloroethene-d2	4.013	63	130907	21.057	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.240%
21) 2-Butanone-d5	7.080	46	45776	49.578	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.160%
24) Chloroform-d	7.647	84	158395	23.832	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.320%
26) 1,2-Dichloroethane-d4	8.305	65	89176	23.493	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.960%
32) Benzene-d6	8.275	84	291156	22.004	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	9.274	67	97584	22.628	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.520%
41) Toluene-d8	10.323	98	263522	22.196	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	10.579	79	38828	22.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.640%
47) 2-Hexanone-d5	10.926	63	29239	44.074	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.140%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	74821	22.953	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	86022	21.679	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	39353	29.208	ug/L	98
3) Chloromethane	2.215	50	63394	22.629	ug/L	95
5) Vinyl chloride	2.355	62	84218	21.374	ug/L	98
6) Bromomethane	2.769	94	32947	19.252	ug/L	99
8) Chloroethane	2.916	64	29595	20.341	ug/L	93
9) Trichlorofluoromethane	3.251	101	34590	15.429	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	71158	22.256	ug/L	98
12) 1,1-Dichloroethene	4.037	96	64964	22.161	ug/L	97
13) Acetone	4.129	43	35101	41.408	ug/L	99
14) Carbon disulfide	4.379	76	189344	19.857	ug/L	99
15) Methyl Acetate	4.672	43	34228	21.743	ug/L	100
16) Methylene chloride	4.915	84	85095	20.995	ug/L	99
17) trans-1,2-Dichloroethene	5.427	96	68687	22.332	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	104428	24.099	ug/L	99
19) 1,1-Dichloroethane	6.214	63	146813	23.284	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	76128	23.813	ug/L	99
22) 2-Butanone	7.177	43	45287	42.679	ug/L	99
23) Bromochloromethane	7.512	128	32063	22.867	ug/L	94
25) Chloroform	7.677	83	143997	23.492	ug/L	97

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 Quant Title : SFAM01.0
 QLast Update : Tue Oct 19 07:51:45 2021
 Response via : Initial Calibration

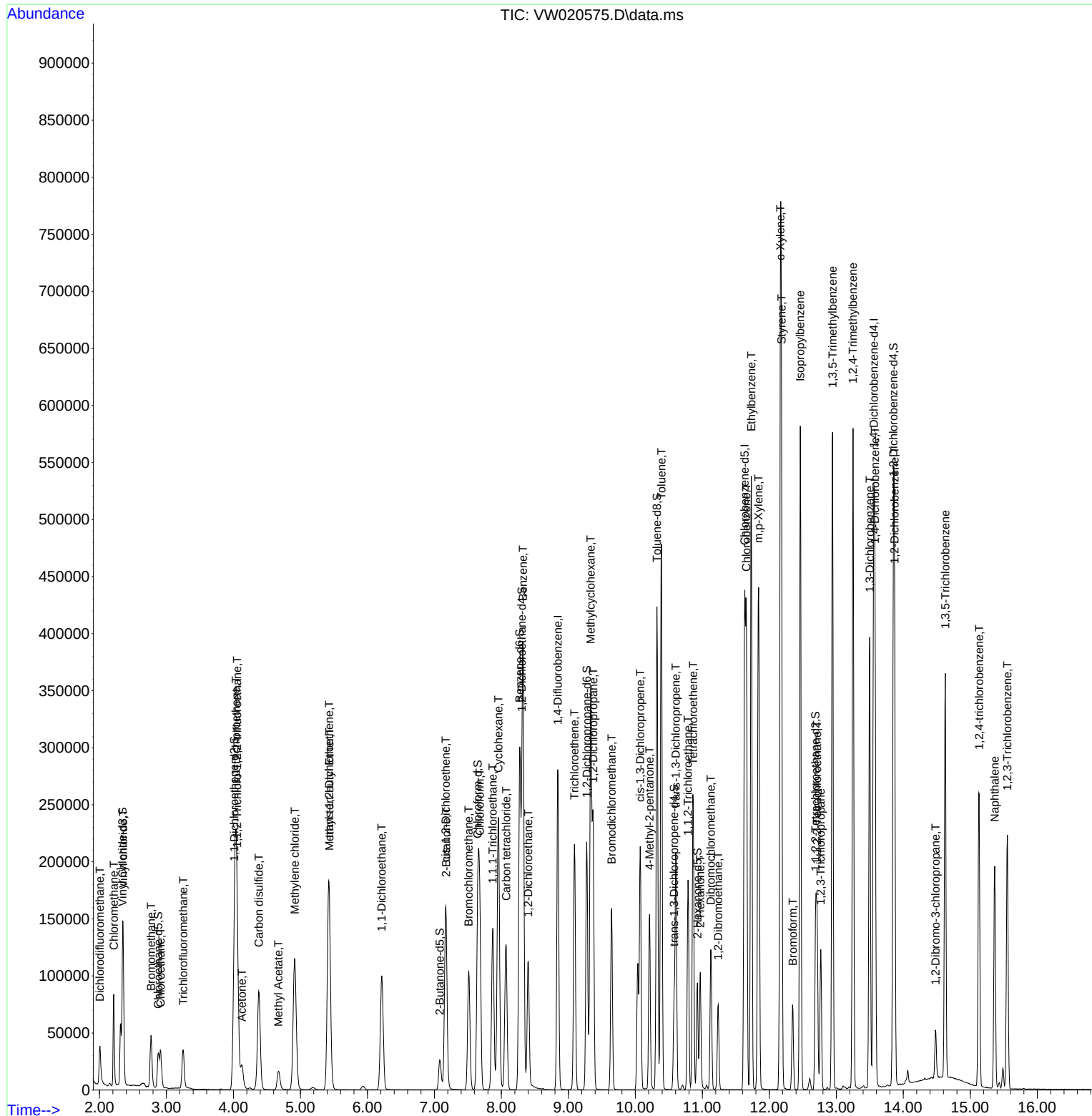
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	99797	23.804	ug/L	100
29) Cyclohexane	7.957	56	131106	22.262	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	111489	22.310	ug/L	98
31) Carbon tetrachloride	8.073	117	94244	21.450	ug/L	99
33) Benzene	8.323	78	318549	22.233	ug/L	100
34) Trichloroethene	9.091	95	76445	21.657	ug/L	96
35) Methylcyclohexane	9.335	83	128507	21.274	ug/L	99
37) 1,2-Dichloropropane	9.372	63	85140	22.946	ug/L	99
38) Bromodichloromethane	9.646	83	102873	23.125	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	117211	22.896	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	104925	47.115	ug/L	99
42) Toluene	10.390	91	335118	23.318	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	105188	23.308	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	54654	22.941	ug/L	99
46) Tetrachloroethene	10.866	164	55475	21.880	ug/L	94
48) 2-Hexanone	10.969	43	66367	40.618	ug/L	99
49) Dibromochloromethane	11.128	129	61321	23.364	ug/L	95
50) 1,2-Dibromoethane	11.237	107	49482	22.613	ug/L #	99
51) Chlorobenzene	11.658	112	192643	21.738	ug/L	95
52) Ethylbenzene	11.731	91	362908	23.287	ug/L	98
53) m,p-Xylene	11.841	106	133572	23.132	ug/L	98
54) o-Xylene	12.164	106	126224	23.670	ug/L	96
55) Styrene	12.182	104	224057	24.030	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	66350	22.466	ug/L	100
59) Bromoform	12.353	173	32538	22.898	ug/L	96
60) Isopropylbenzene	12.463	105	341014	22.905	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	50226	22.476	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	291088	23.947	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	291183	24.184	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	142008	22.045	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	144832	21.737	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	132172	22.396	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	10779	22.709	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	100996	21.987	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	78173	21.493	ug/L	98
71) Naphthalene	15.365	128	151932	23.234	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	69491	21.753	ug/L	98

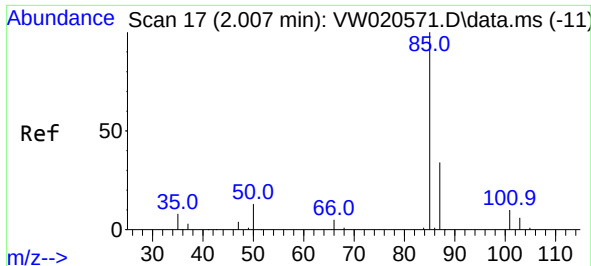
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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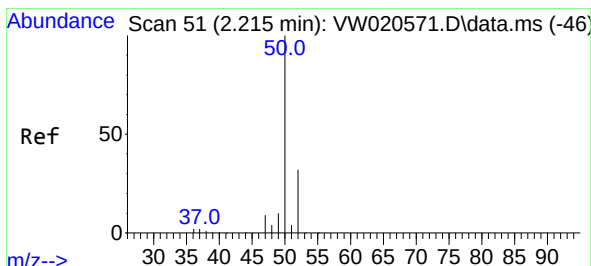
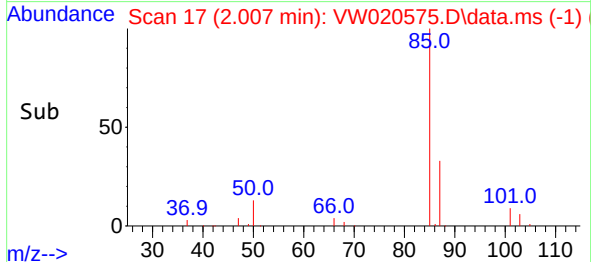
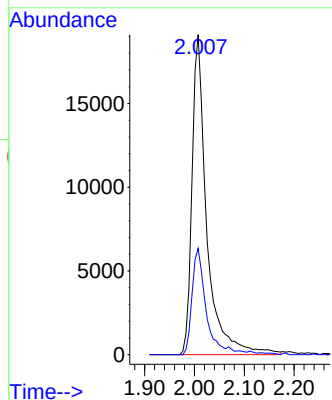
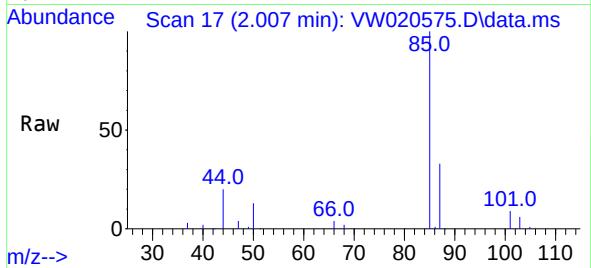




#2
 Dichlorodifluoromethane
 Concen: 29.208 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW020575.D
 Acq: 18 Oct 2021 20:59

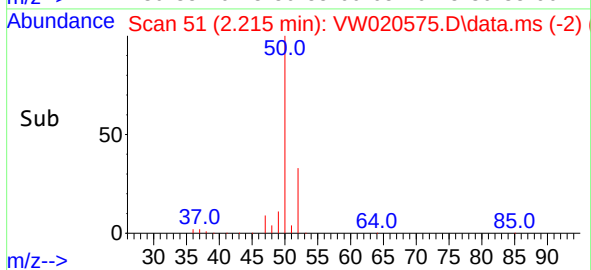
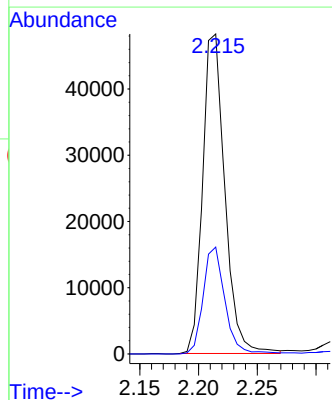
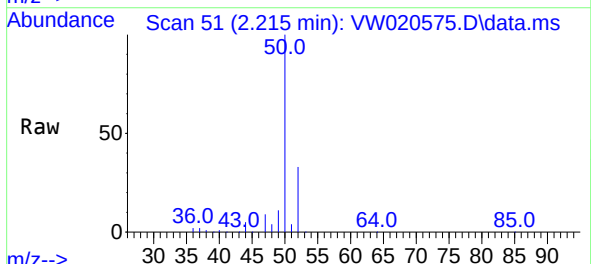
Instrument :
 MSVOA_W
 ClientSampleId :
 JDGE9MSD

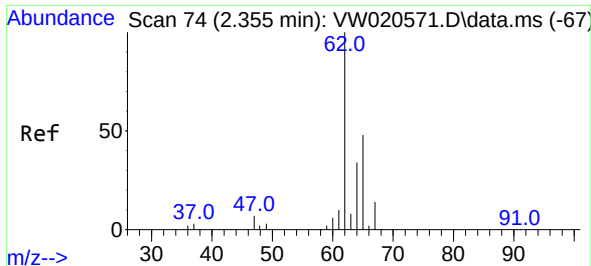
Tgt Ion: 85 Resp: 39353
 Ion Ratio Lower Upper
 85 100
 87 30.3 24.9 37.3



#3
 Chloromethane
 Concen: 22.629 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW020575.D
 Acq: 18 Oct 2021 20:59

Tgt Ion: 50 Resp: 63394
 Ion Ratio Lower Upper
 50 100
 52 33.4 21.5 39.9





#5

Vinyl chloride

Concen: 21.374 ug/L

RT: 2.355 min Scan# 74

Delta R.T. -0.000 min

Lab File: VW020575.D

Acq: 18 Oct 2021 20:59

Instrument :

MSVOA_W

ClientSampleId :

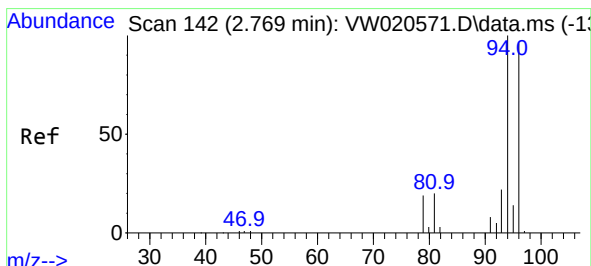
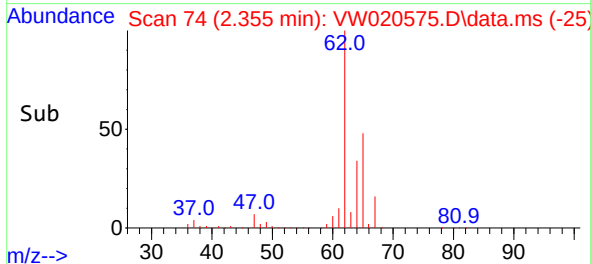
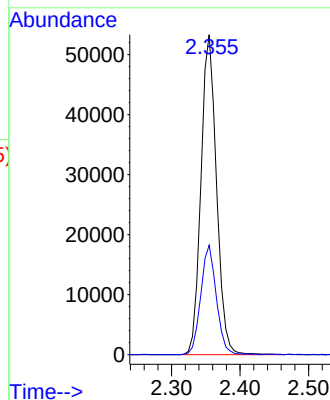
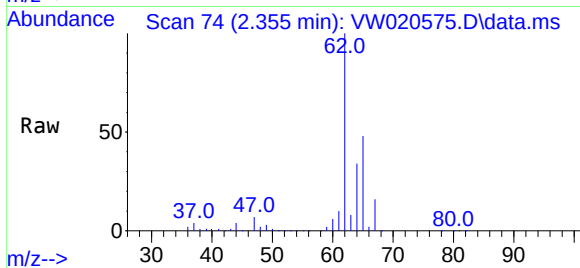
JDGE9MSD

Tgt Ion: 62 Resp: 84218

Ion Ratio Lower Upper

62 100

64 34.2 24.6 45.6



#6

Bromomethane

Concen: 19.252 ug/L

RT: 2.769 min Scan# 142

Delta R.T. -0.000 min

Lab File: VW020575.D

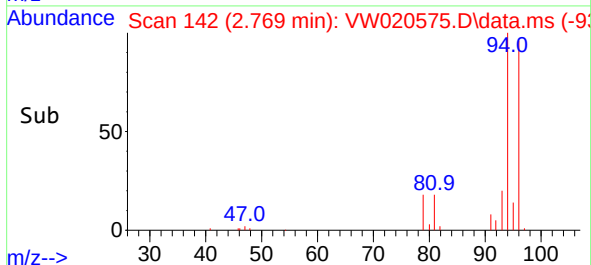
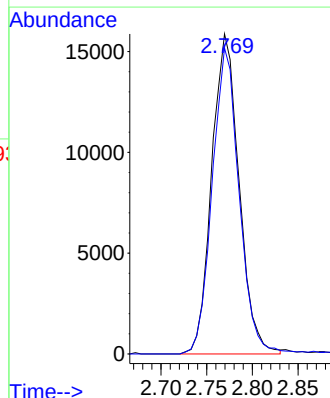
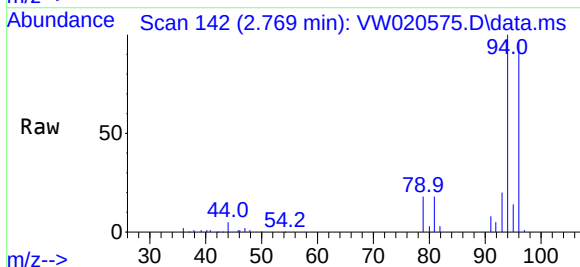
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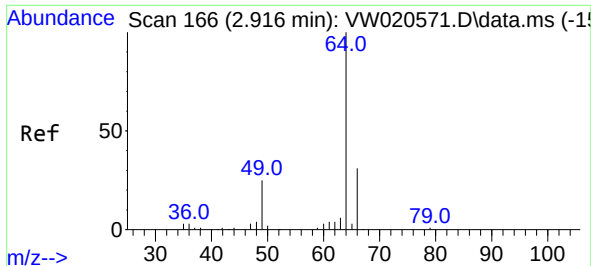
Tgt Ion: 94 Resp: 32947

Ion Ratio Lower Upper

94 100

96 95.6 67.8 126.0

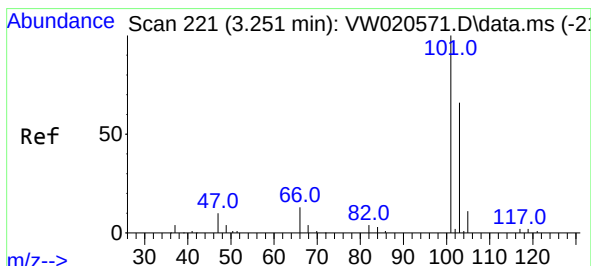
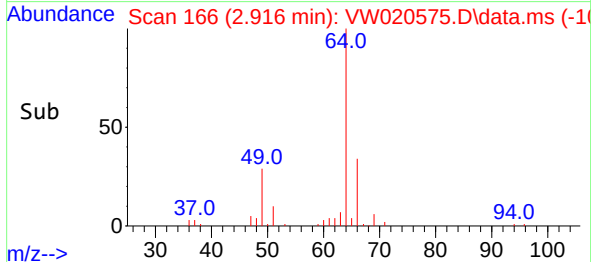
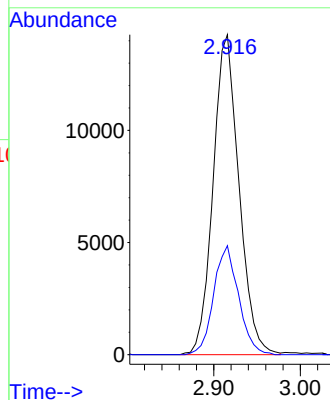
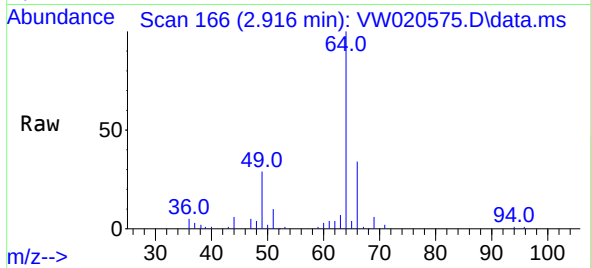




#8
Chloroethane
Concen: 20.341 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

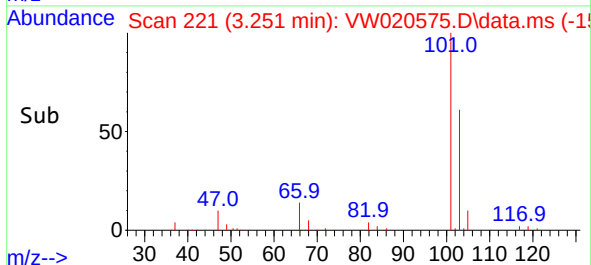
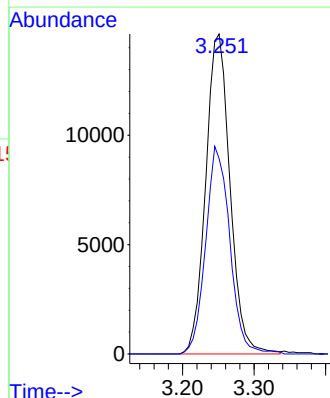
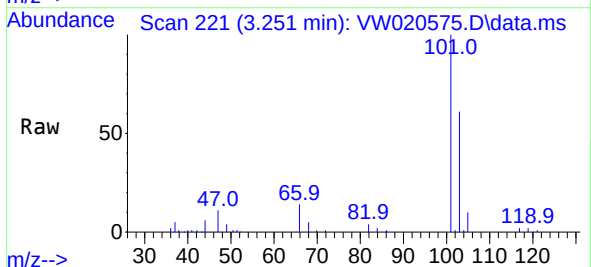
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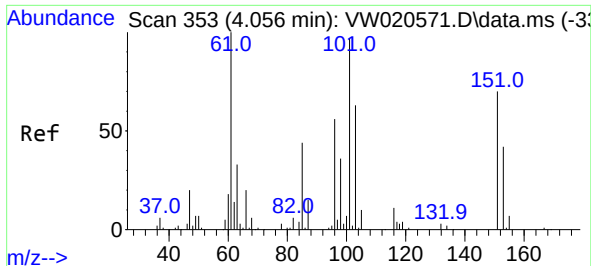
Tgt Ion: 64 Resp: 29595
Ion Ratio Lower Upper
64 100
66 34.1 21.2 39.4



#9
Trichlorofluoromethane
Concen: 15.429 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Tgt Ion:101 Resp: 34590
Ion Ratio Lower Upper
101 100
103 64.1 52.2 78.4

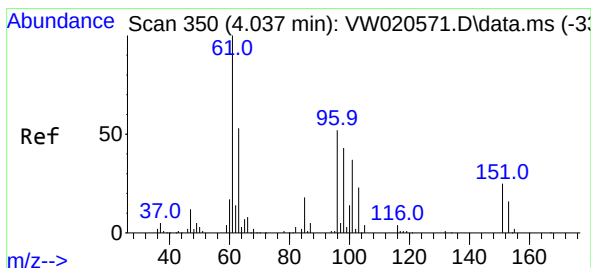
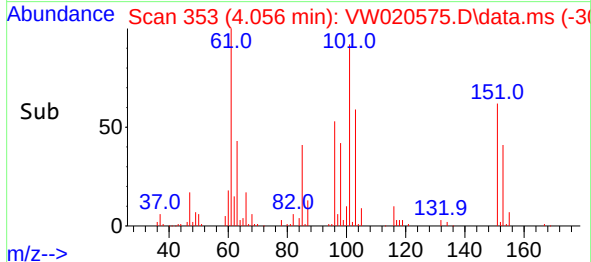
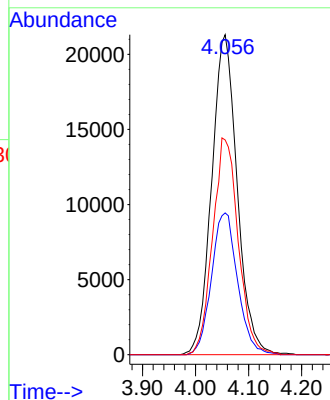
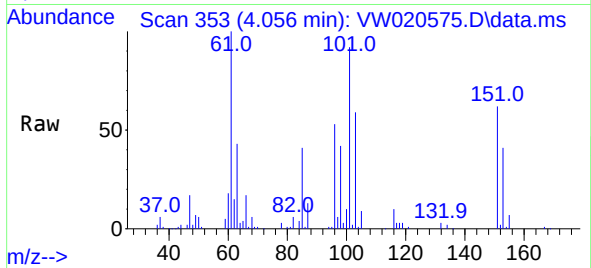




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.256 ug/L
RT: 4.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

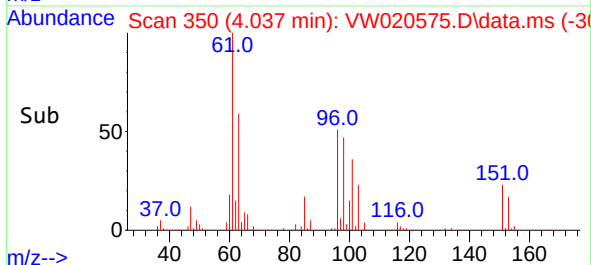
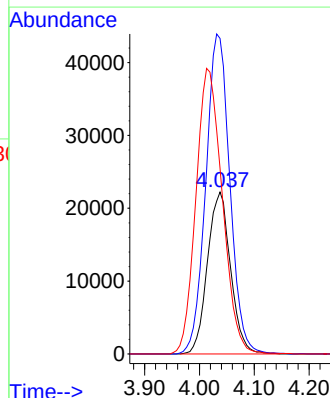
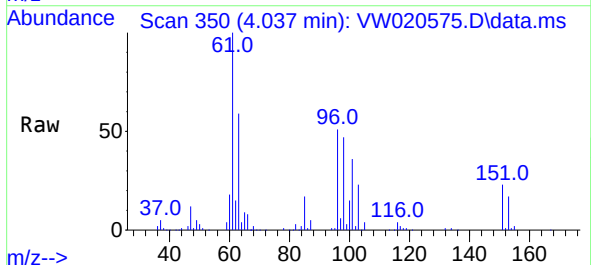
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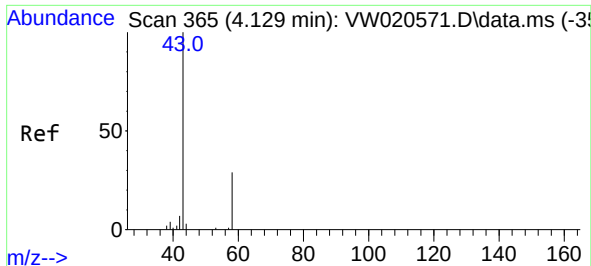
Tgt Ion:101 Resp: 71158
Ion Ratio Lower Upper
101 100
85 45.4 36.3 54.5
151 68.0 56.5 84.7



#12
1,1-Dichloroethene
Concen: 22.161 ug/L
RT: 4.037 min Scan# 350
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Tgt Ion: 96 Resp: 64964
Ion Ratio Lower Upper
96 100
61 194.9 133.9 248.7
63 114.7 77.3 143.7





#13

Acetone

Concen: 41.408 ug/L

RT: 4.129 min Scan# 365

Delta R.T. -0.000 min

Lab File: VW020575.D

Acq: 18 Oct 2021 20:59

Instrument :

MSVOA_W

ClientSampleId :

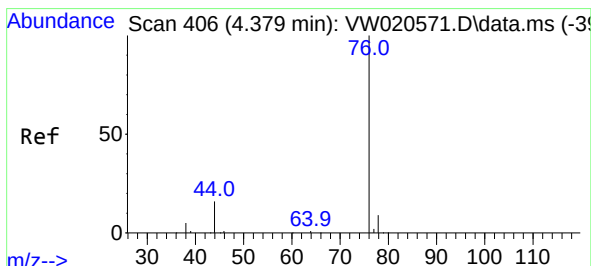
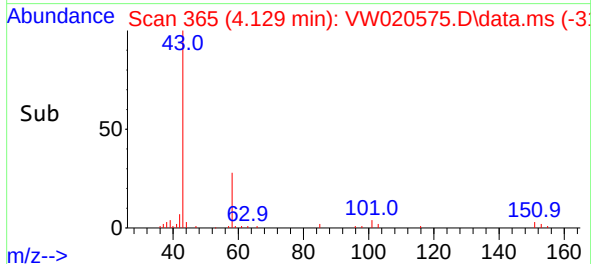
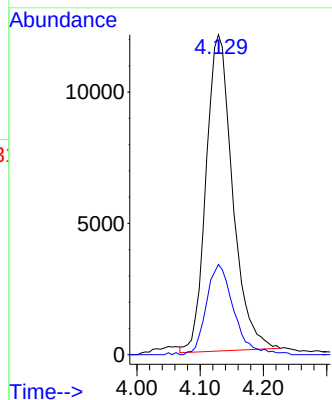
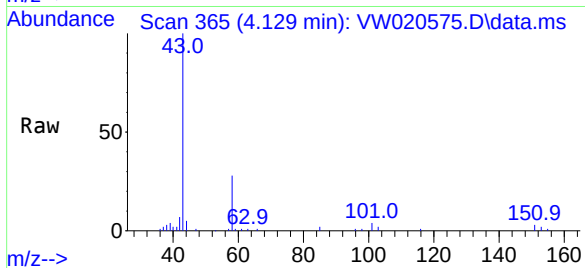
JDGE9MSD

Tgt Ion: 43 Resp: 35101

Ion Ratio Lower Upper

43 100

58 28.7 0.0 58.4



#14

Carbon disulfide

Concen: 19.857 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.000 min

Lab File: VW020575.D

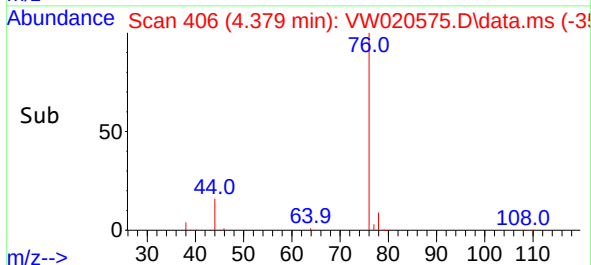
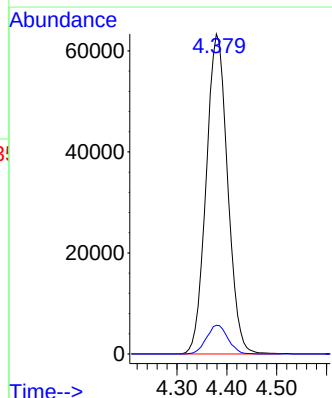
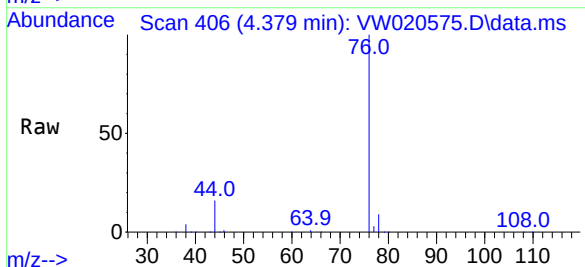
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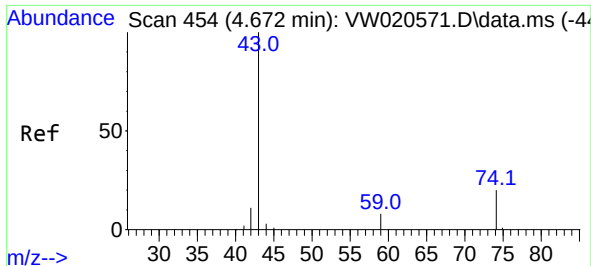
Tgt Ion: 76 Resp: 189344

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

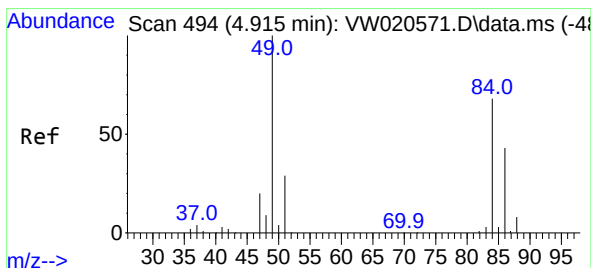
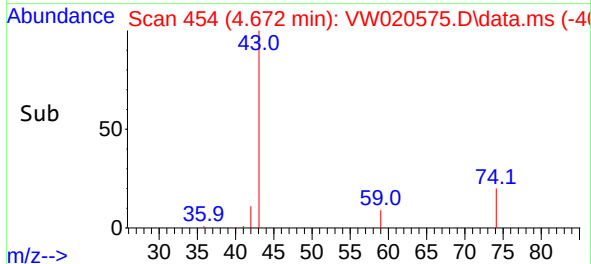
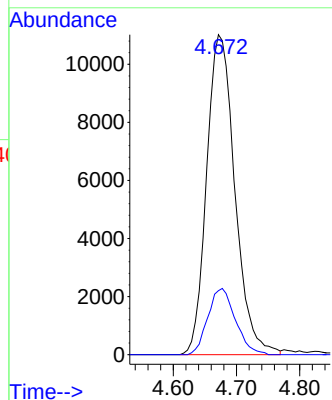
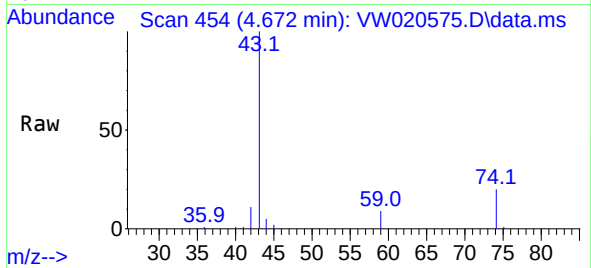




#15
Methyl Acetate
Concen: 21.743 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

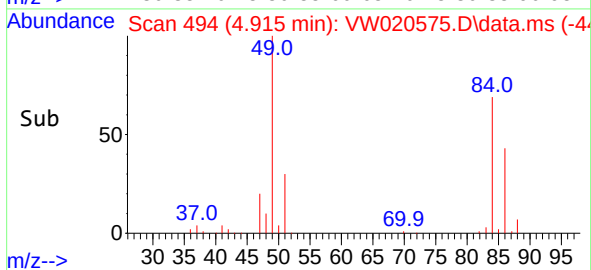
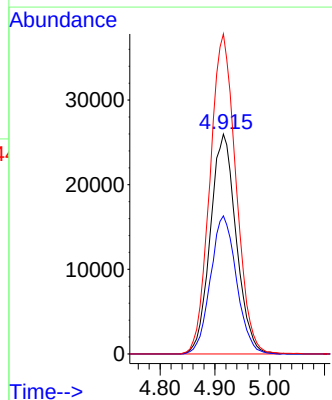
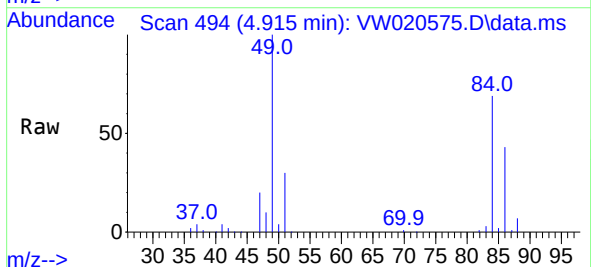
Instrument :
MSVOA_W
ClientSampleId :
JDGE9MSD

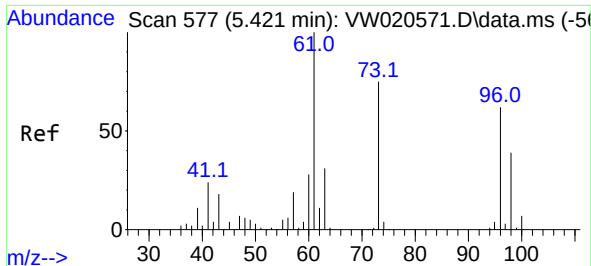
Tgt Ion: 43 Resp: 34228
Ion Ratio Lower Upper
43 100
74 20.2 16.1 24.1



#16
Methylene chloride
Concen: 20.995 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Tgt Ion: 84 Resp: 85095
Ion Ratio Lower Upper
84 100
86 62.8 44.7 83.1
49 145.6 101.7 188.9

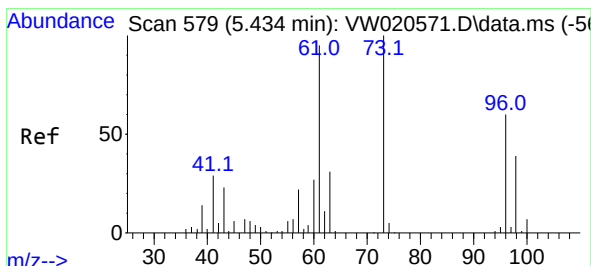
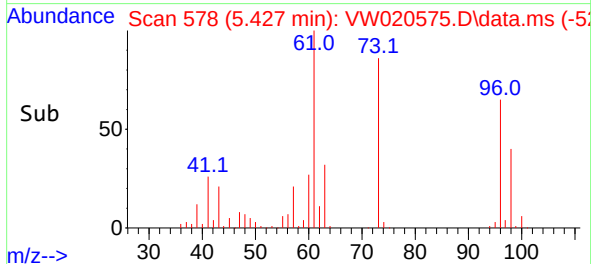
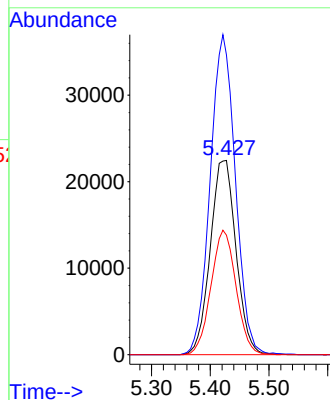
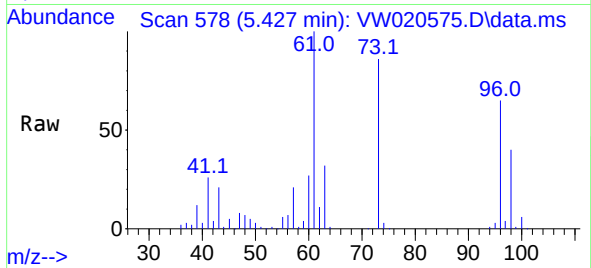




#17
trans-1,2-Dichloroethene
Concen: 22.332 ug/L
RT: 5.427 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

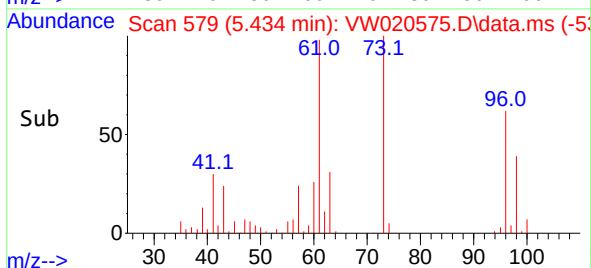
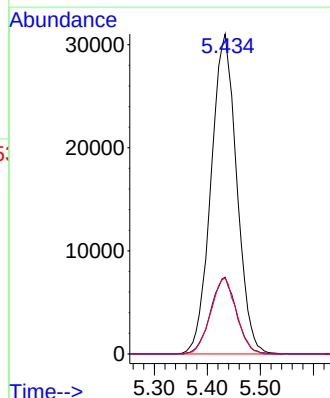
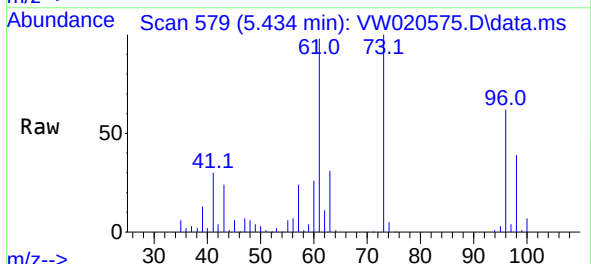
Instrument :
MSVOA_W
ClientSampleId :
JDGE9MSD

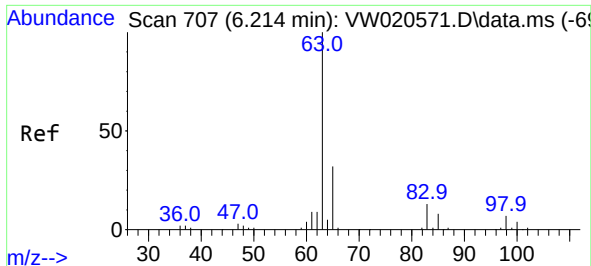
Tgt Ion: 96 Resp: 68687
Ion Ratio Lower Upper
96 100
61 154.3 110.7 205.5
98 61.5 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 24.099 ug/L
RT: 5.434 min Scan# 579
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Tgt Ion: 73 Resp: 104428
Ion Ratio Lower Upper
73 100
43 24.2 18.9 28.3
57 23.7 18.9 28.3

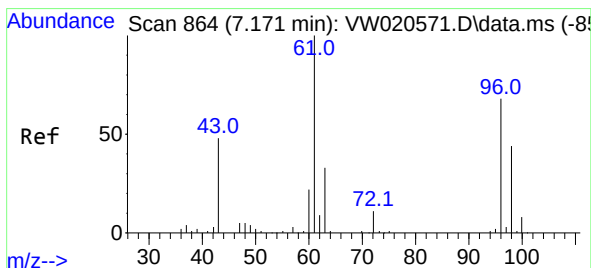
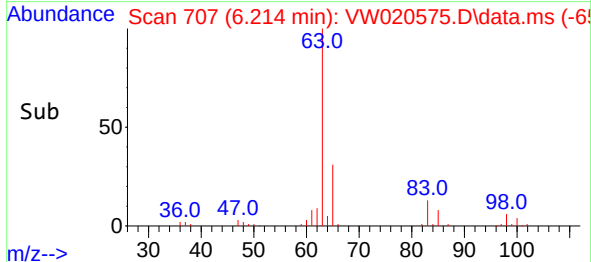
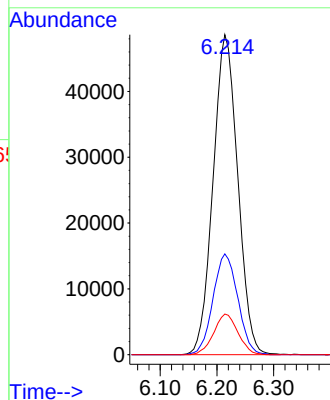
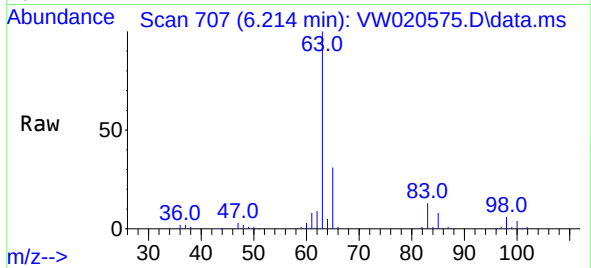




#19
1,1-Dichloroethane
Concen: 23.284 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

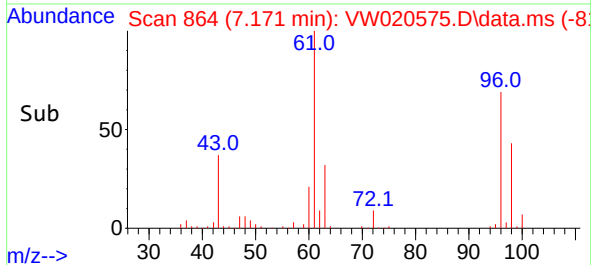
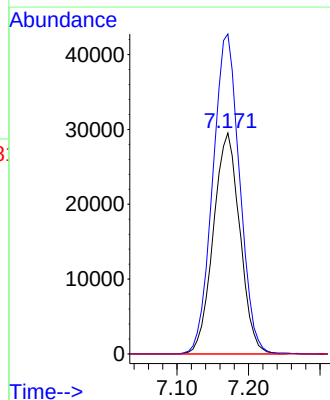
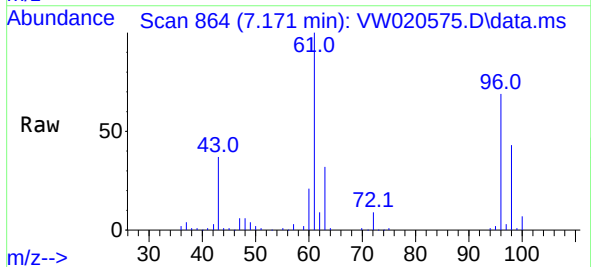
Instrument :
MSVOA_W
ClientSampleId :
JDGE9MSD

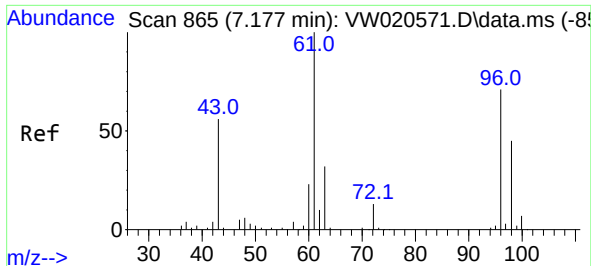
Tgt Ion: 63 Resp: 146813
Ion Ratio Lower Upper
63 100
65 31.5 21.9 40.7
83 12.7 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 23.813 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Tgt Ion: 96 Resp: 76128
Ion Ratio Lower Upper
96 100
61 144.8 100.3 186.3
68 0.0 0.0 0.0

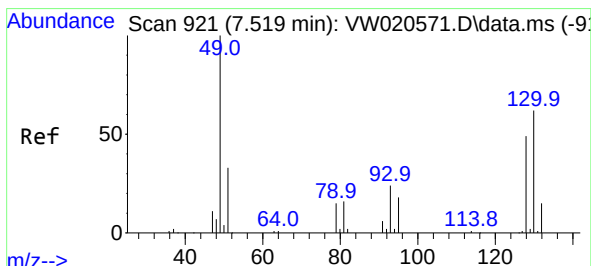
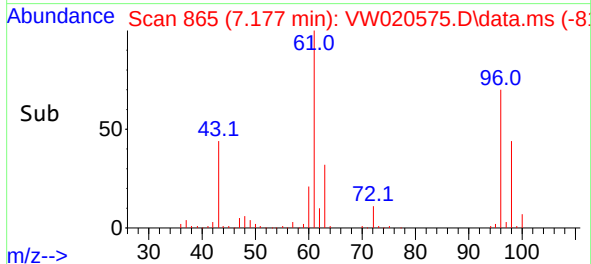
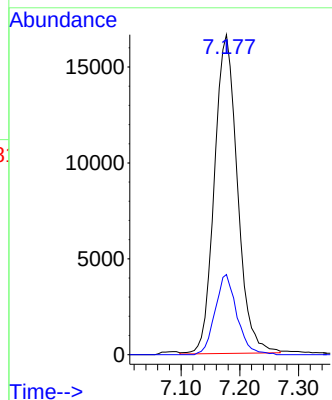
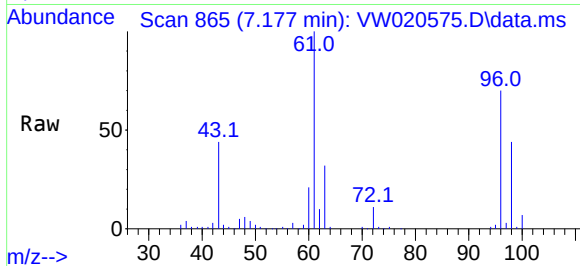




#22
2-Butanone
Concen: 42.679 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

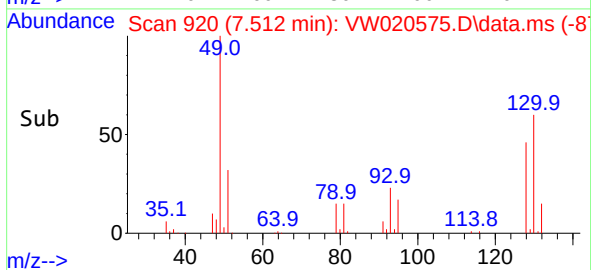
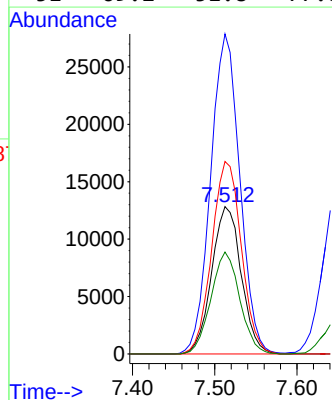
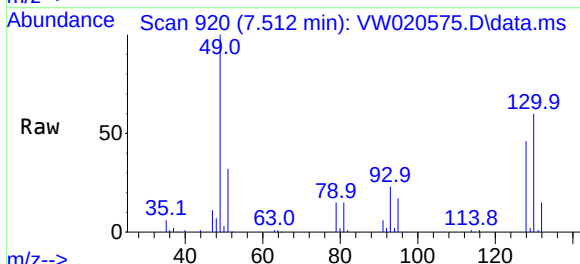
Instrument :
MSVOA_W
ClientSampleId :
JDGE9MSD

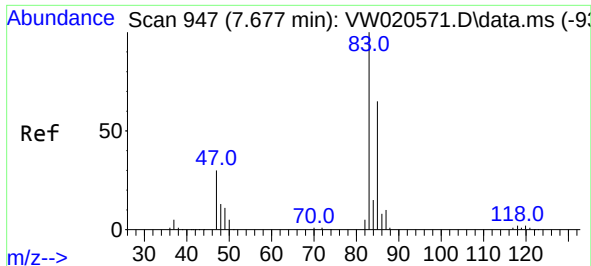
Tgt Ion: 43 Resp: 45287
Ion Ratio Lower Upper
43 100
72 23.8 12.2 36.6



#23
Bromochloromethane
Concen: 22.867 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Tgt Ion: 128 Resp: 32063
Ion Ratio Lower Upper
128 100
49 217.1 144.1 267.7
130 130.6 89.2 165.6
51 69.2 51.8 77.8

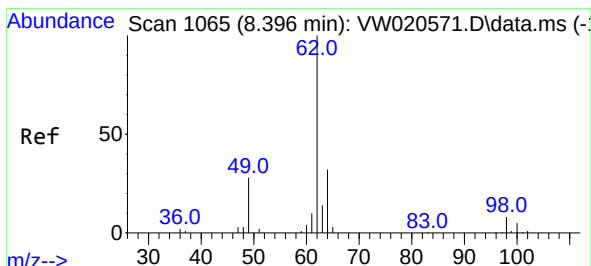
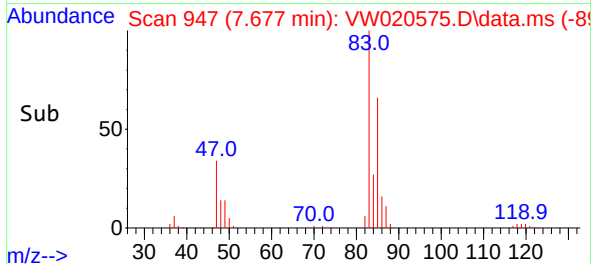
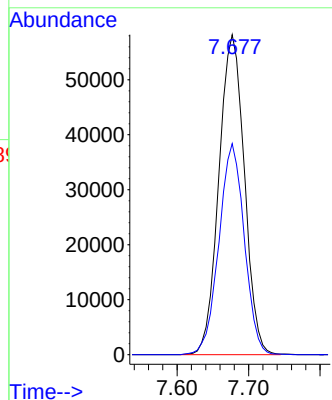
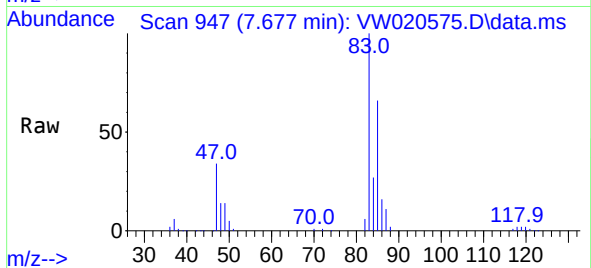




#25
Chloroform
Concen: 23.492 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

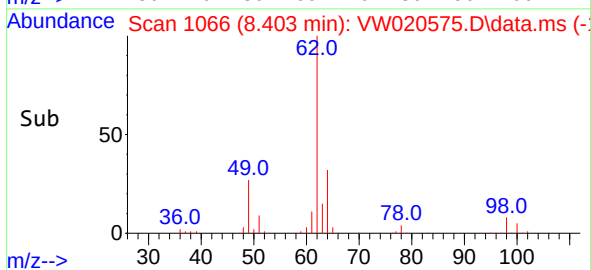
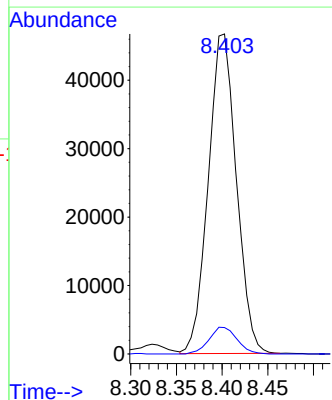
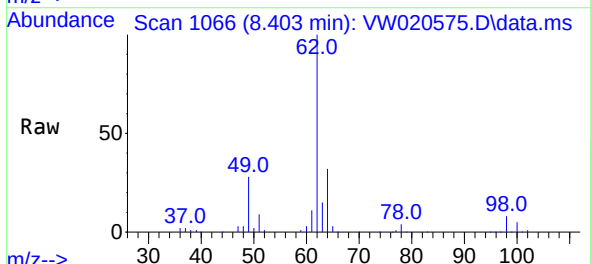
Instrument :
MSVOA_W
ClientSampleId :
JDGE9MSD

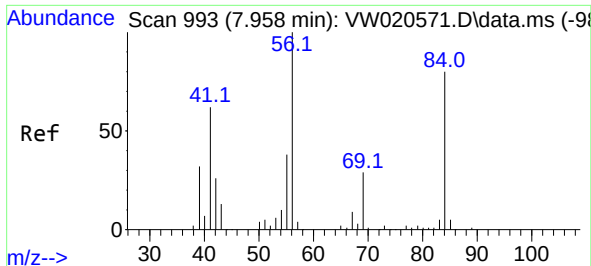
Tgt Ion: 83 Resp: 143997
Ion Ratio Lower Upper
83 100
85 66.0 44.6 82.8



#27
1,2-Dichloroethane
Concen: 23.804 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Tgt Ion: 62 Resp: 99797
Ion Ratio Lower Upper
62 100
98 8.2 6.6 10.0

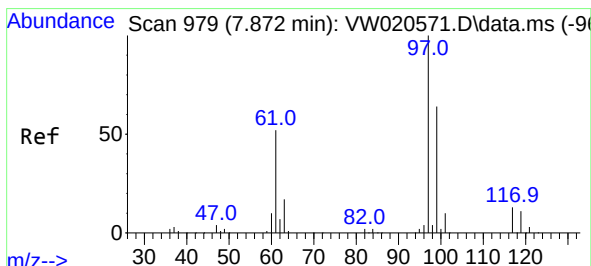
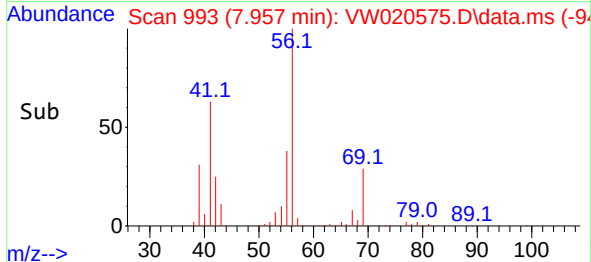
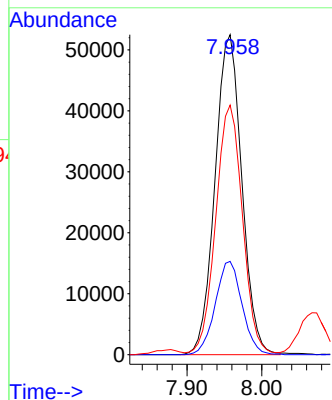
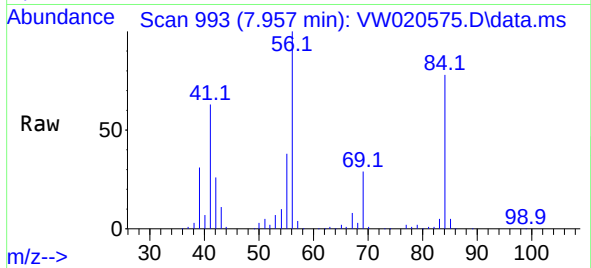




#29
Cyclohexane
Concen: 22.262 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

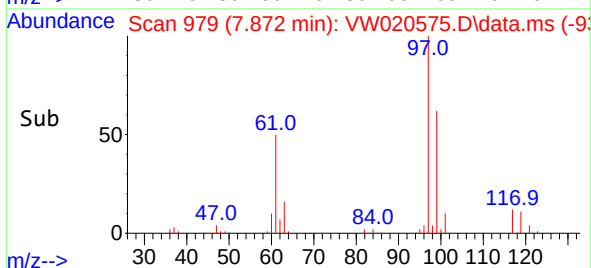
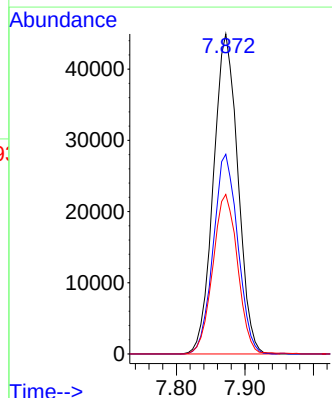
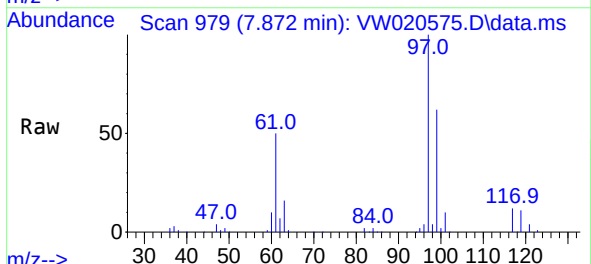
Instrument :
MSVOA_W
ClientSampleId :
JDGE9MSD

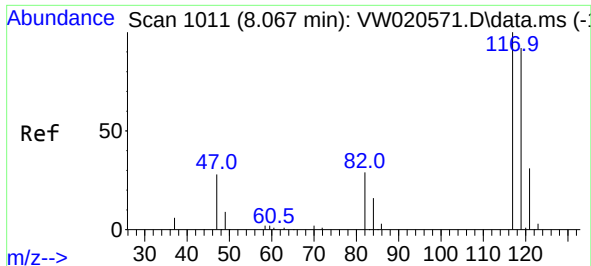
Tgt Ion: 56 Resp: 131106
Ion Ratio Lower Upper
56 100
69 29.0 23.2 34.8
84 78.0 63.7 95.5



#30
1,1,1-Trichloroethane
Concen: 22.310 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Tgt Ion: 97 Resp: 111489
Ion Ratio Lower Upper
97 100
99 62.5 51.4 77.0
61 50.6 41.0 61.6

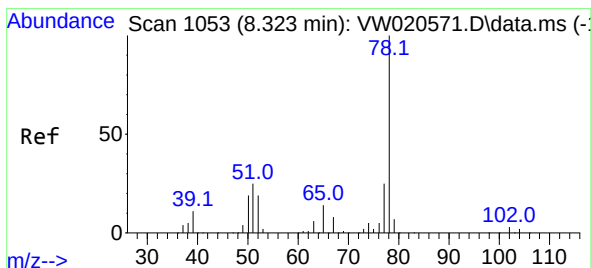
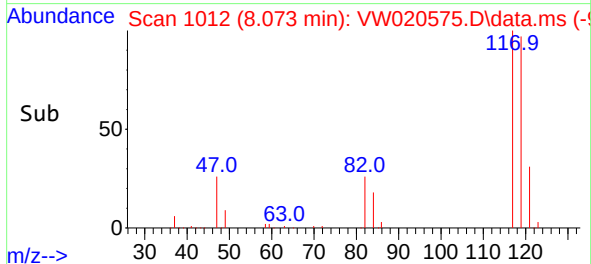
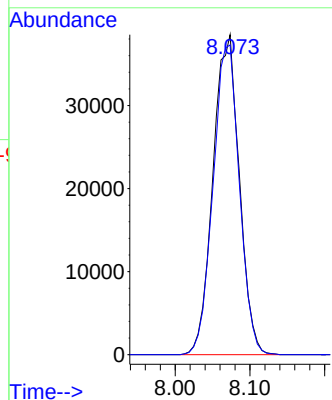
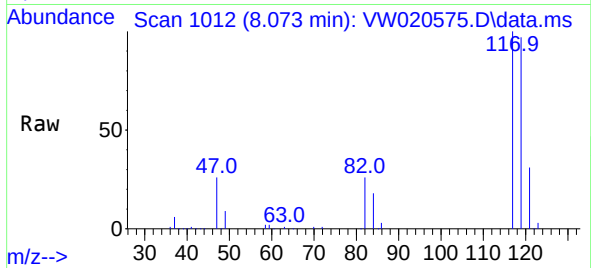




#31
Carbon tetrachloride
Concen: 21.450 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

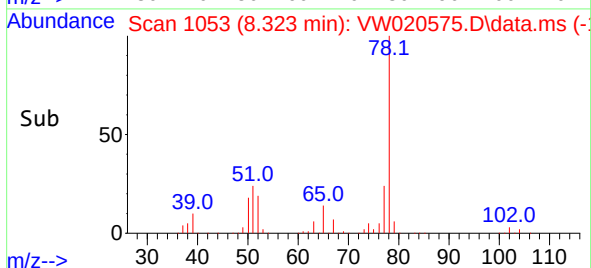
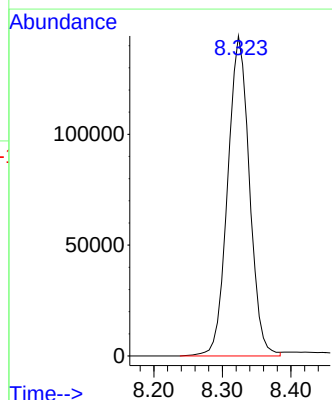
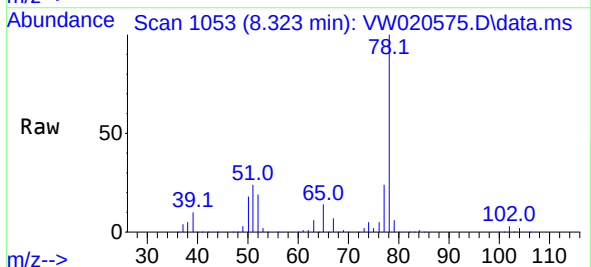
Instrument :
MSVOA_W
ClientSampleId :
JDGE9MSD

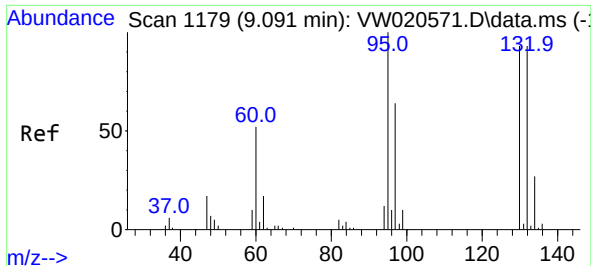
Tgt Ion:117 Resp: 94244
Ion Ratio Lower Upper
117 100
119 96.9 77.0 115.4



#33
Benzene
Concen: 22.233 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Tgt Ion: 78 Resp: 318549



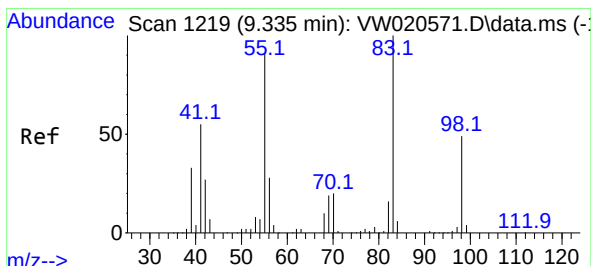
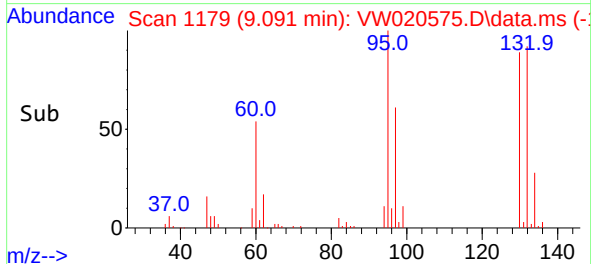
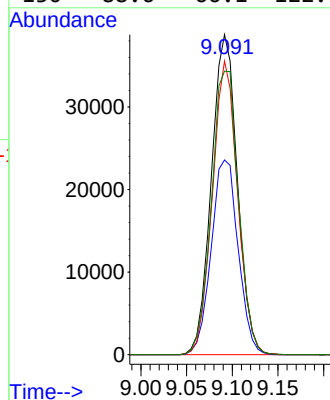
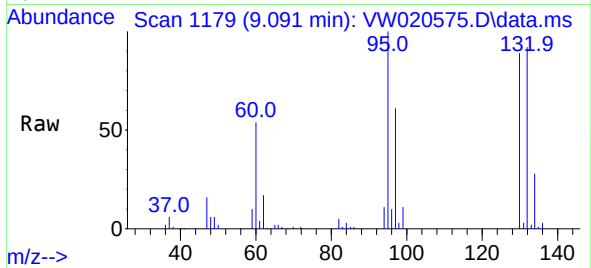


#34
Trichloroethene
Concen: 21.657 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Instrument :
MSVOA_W
ClientSampleId :
JDGE9MSD

Tgt Ion: 95 Resp: 76445

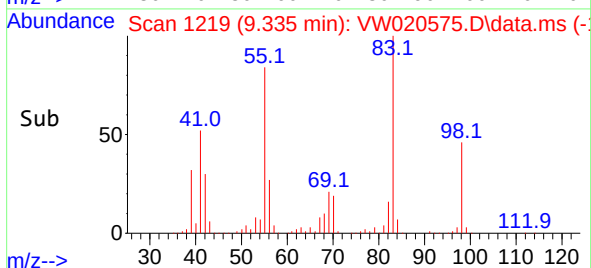
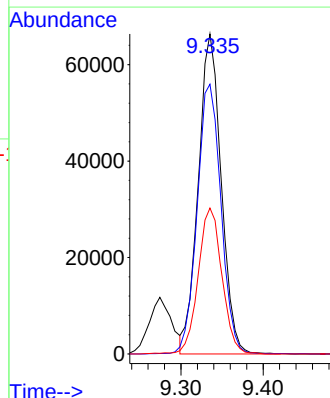
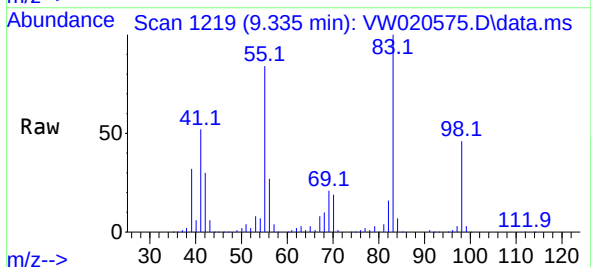
Ion	Ratio	Lower	Upper
95	100		
97	60.9	43.2	80.2
132	91.8	62.3	115.7
130	88.6	66.1	122.7

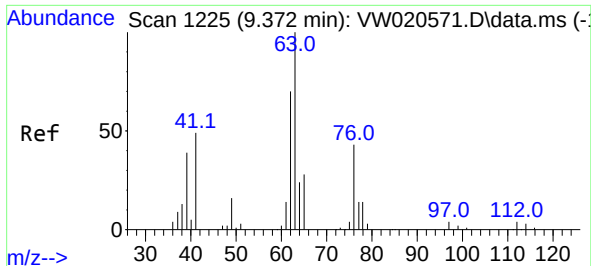


#35
Methylcyclohexane
Concen: 21.274 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Tgt Ion: 83 Resp: 128507

Ion	Ratio	Lower	Upper
83	100		
55	87.9	69.7	104.5
98	47.1	38.2	57.2





#37

1,2-Dichloropropane

Concen: 22.946 ug/L

RT: 9.372 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020575.D

Acq: 18 Oct 2021 20:59

Instrument :

MSVOA_W

ClientSampleId :

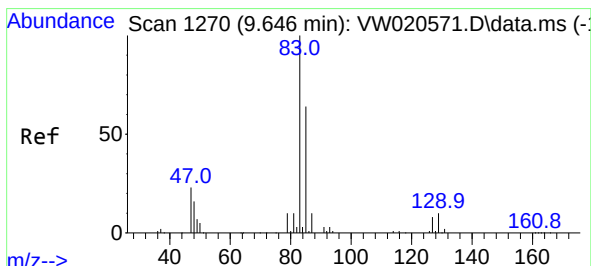
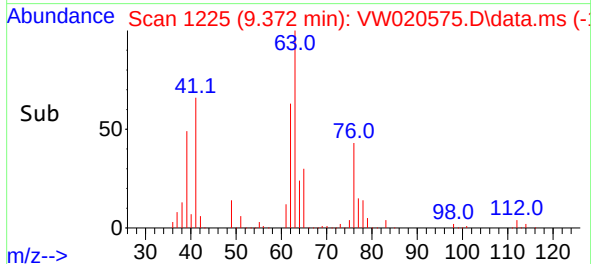
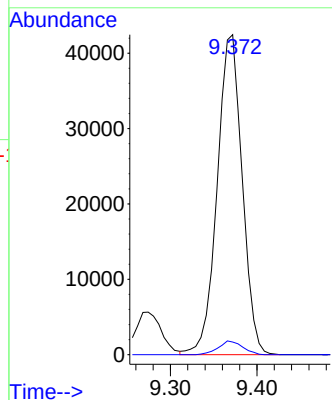
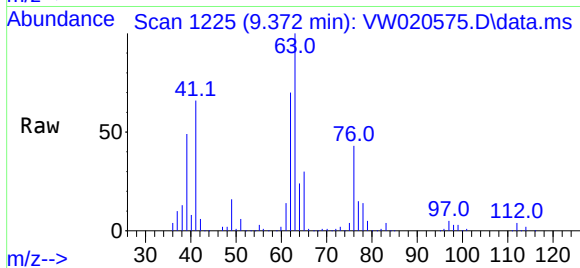
JDGE9MSD

Tgt Ion: 63 Resp: 85140

Ion Ratio Lower Upper

63 100

112 4.1 3.5 5.3



#38

Bromodichloromethane

Concen: 23.125 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW020575.D

Acq: 18 Oct 2021 20:59

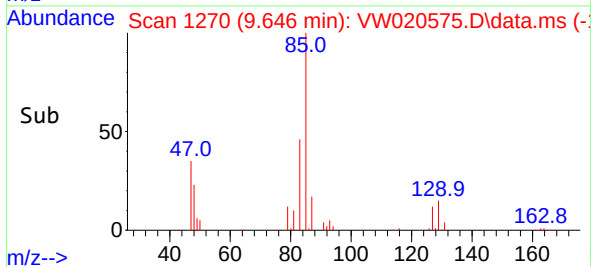
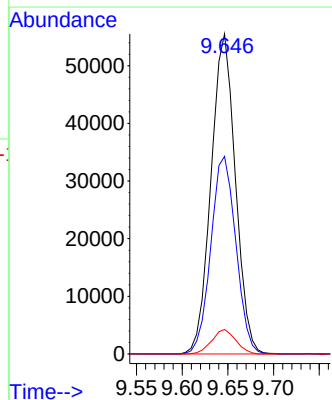
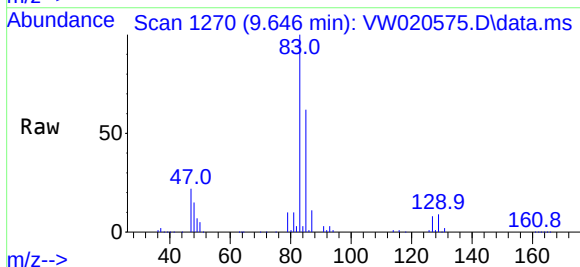
Tgt Ion: 83 Resp: 102873

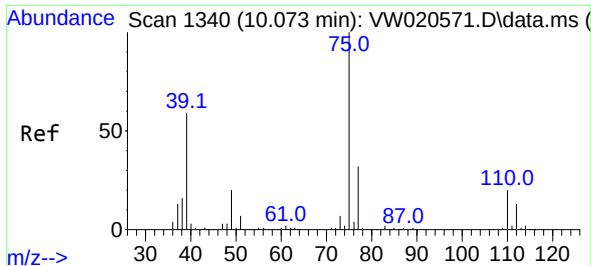
Ion Ratio Lower Upper

83 100

85 61.7 43.4 80.6

127 7.7 6.2 9.2

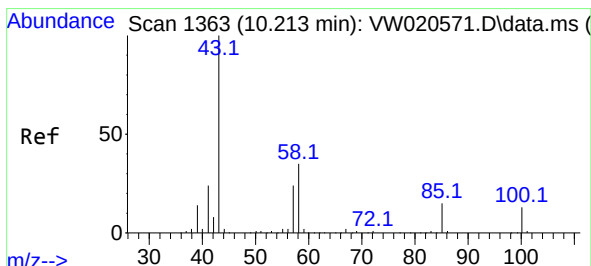
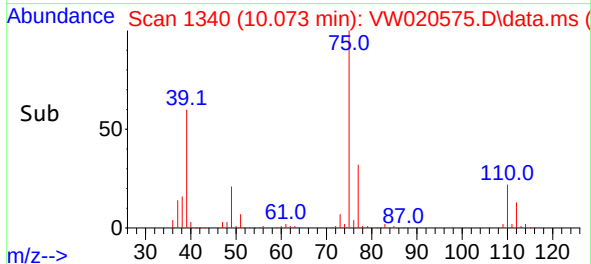
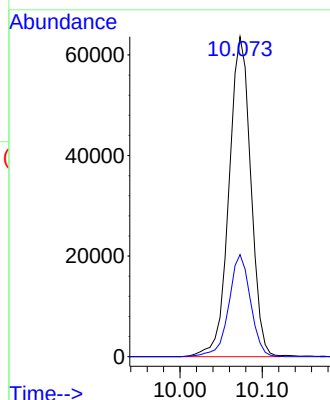
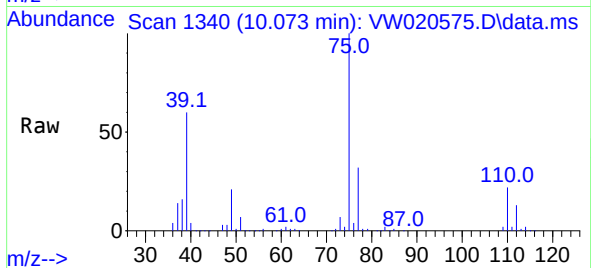




#39
cis-1,3-Dichloropropene
Concen: 22.896 ug/L
RT: 10.073 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

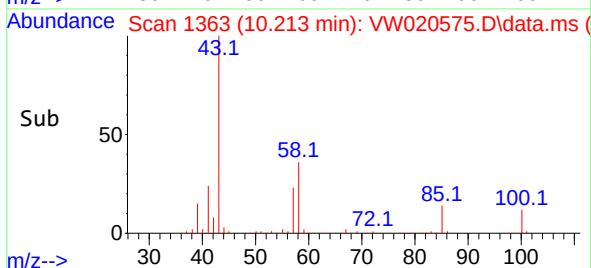
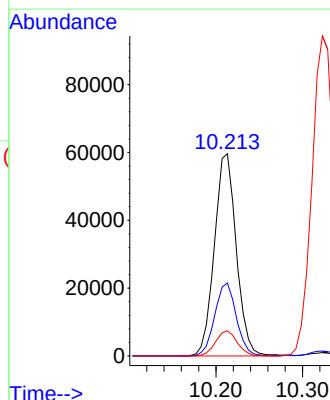
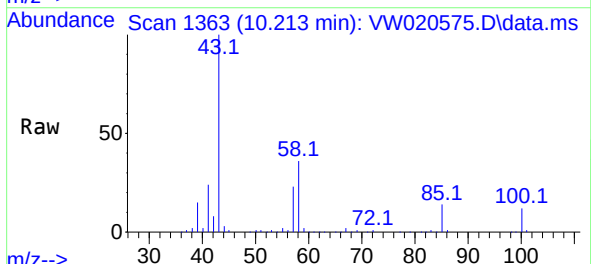
Instrument :
MSVOA_W
ClientSampleId :
JDGE9MSD

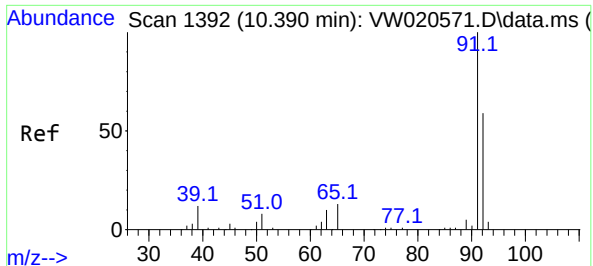
Tgt Ion: 75 Resp: 117211
Ion Ratio Lower Upper
75 100
77 31.9 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 47.115 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Tgt Ion: 43 Resp: 104925
Ion Ratio Lower Upper
43 100
58 35.5 29.0 43.4
100 12.3 10.2 15.4

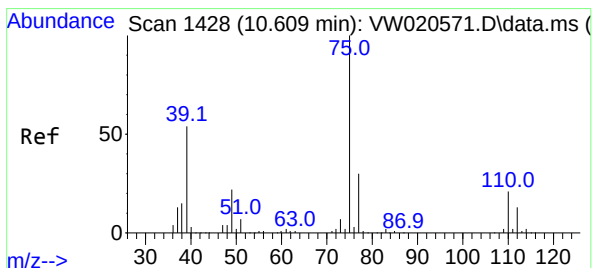
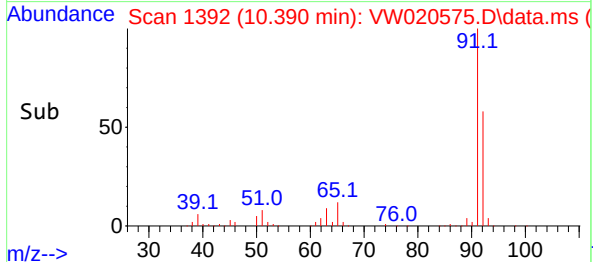
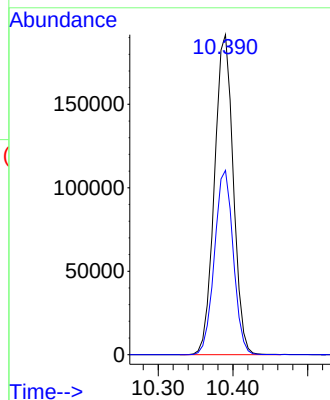
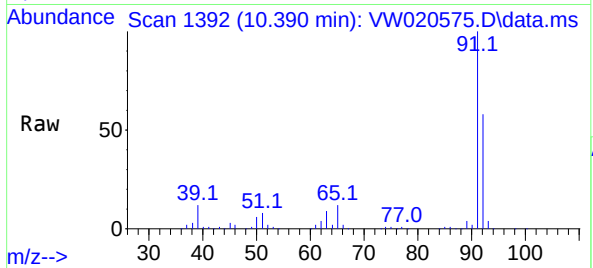




#42
Toluene
Concen: 23.318 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

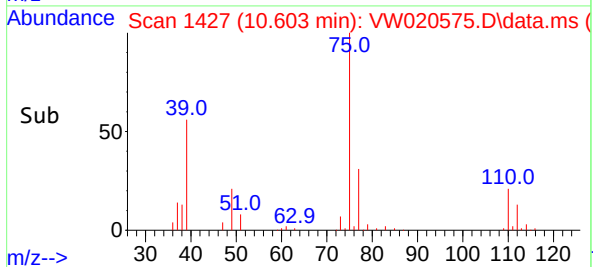
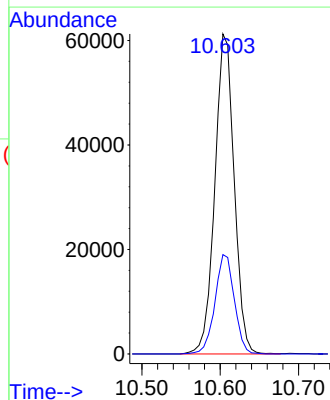
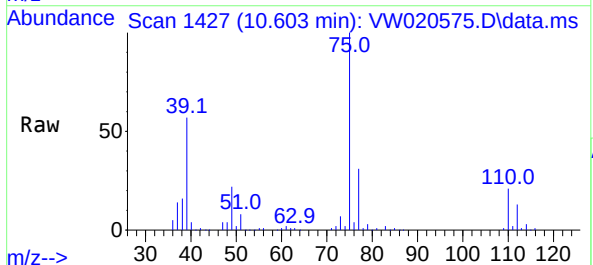
Instrument :
MSVOA_W
ClientSampleId :
JDGE9MSD

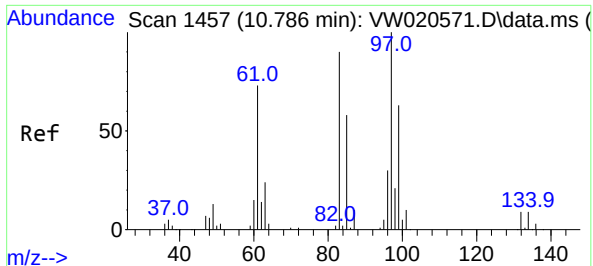
Tgt Ion: 91 Resp: 335118
Ion Ratio Lower Upper
91 100
92 57.6 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 23.308 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Tgt Ion: 75 Resp: 105188
Ion Ratio Lower Upper
75 100
77 31.0 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 22.941 ug/L

RT: 10.786 min Scan# 14

Delta R.T. -0.000 min

Lab File: VW020575.D

Acq: 18 Oct 2021 20:59

Instrument :

MSVOA_W

ClientSampleId :

JDGE9MSD

Tgt Ion: 97 Resp: 54654

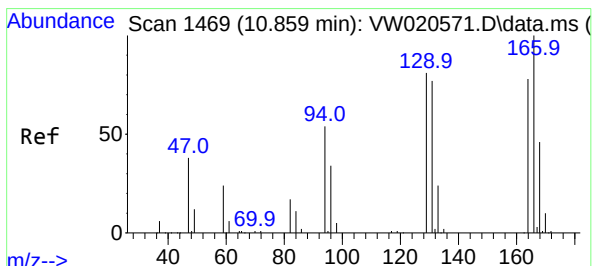
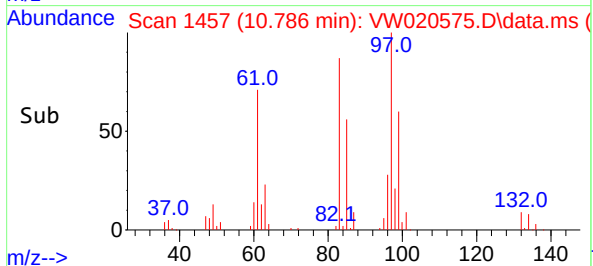
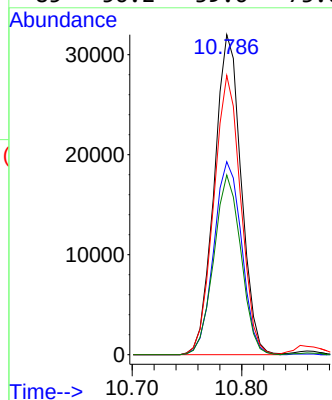
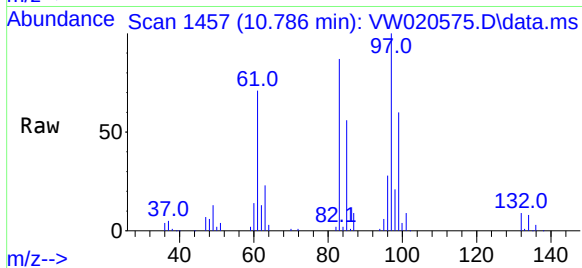
Ion Ratio Lower Upper

97 100

99 60.3 42.8 79.4

83 87.3 60.9 113.1

85 56.2 39.6 73.6



#46

Tetrachloroethene

Concen: 21.880 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW020575.D

Acq: 18 Oct 2021 20:59

Tgt Ion:164 Resp: 55475

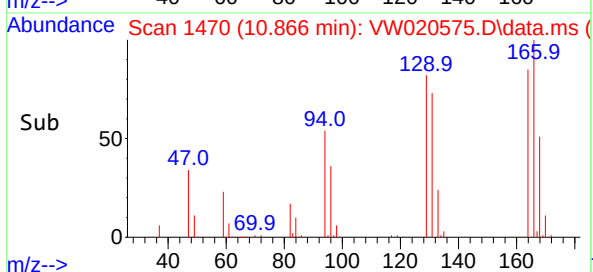
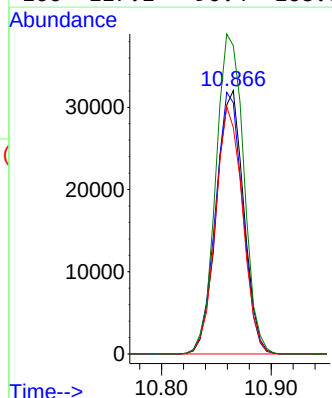
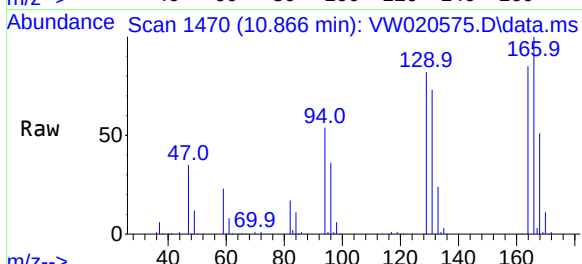
Ion Ratio Lower Upper

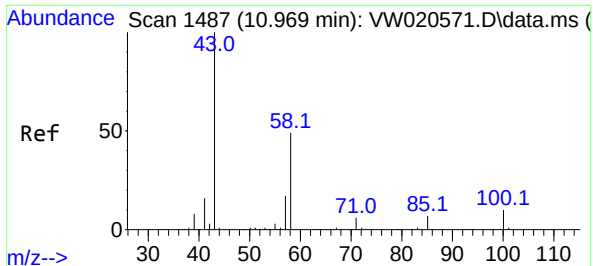
164 100

129 95.4 69.1 128.3

131 86.0 58.3 108.3

166 117.1 90.4 168.0

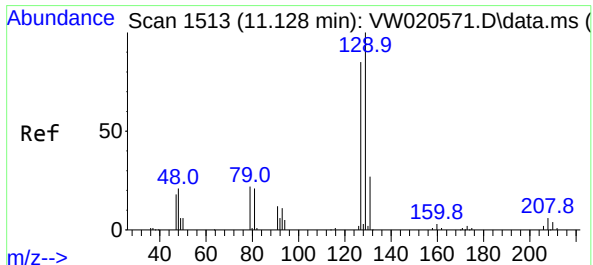
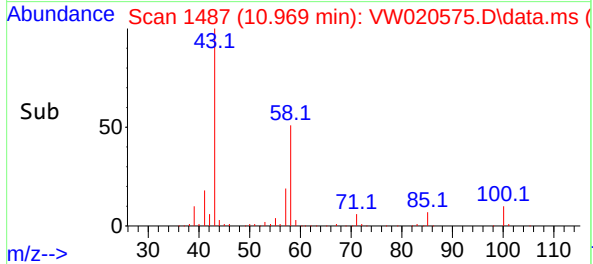
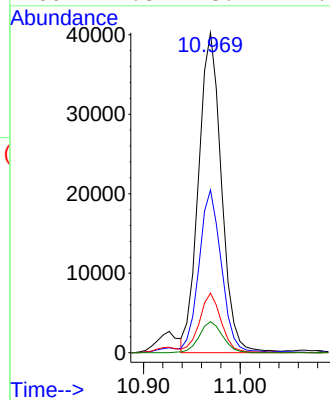
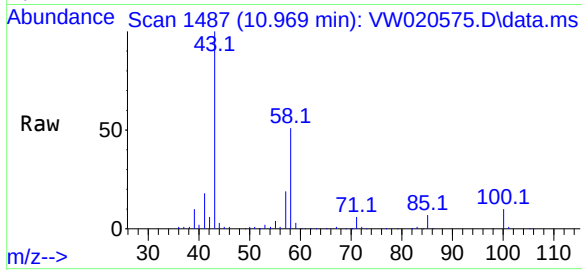




#48
2-Hexanone
Concen: 40.618 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

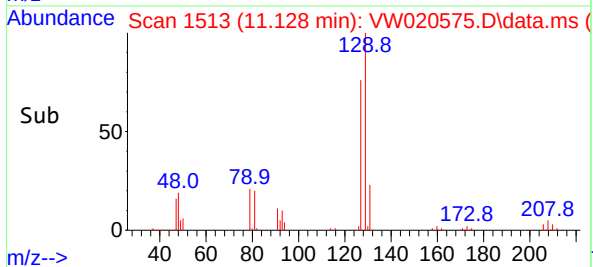
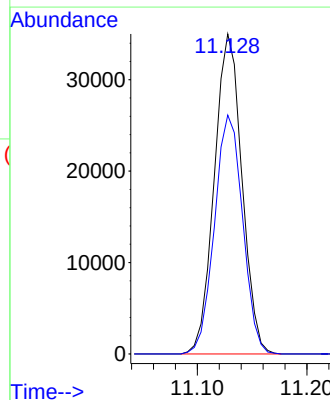
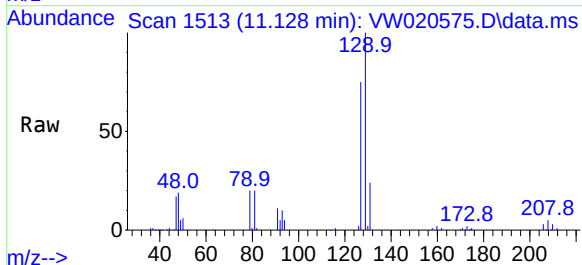
Instrument :
MSVOA_W
ClientSampleId :
JDGE9MSD

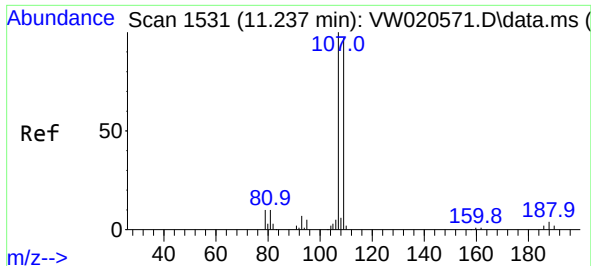
Tgt Ion:	43	Resp:	66367
Ion	Ratio	Lower	Upper
43	100		
58	49.9	39.5	59.3
57	17.7	14.2	21.4
100	9.8	8.2	12.4



#49
Dibromochloromethane
Concen: 23.364 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Tgt Ion:	129	Resp:	61321
Ion	Ratio	Lower	Upper
129	100		
127	74.7	55.1	102.3

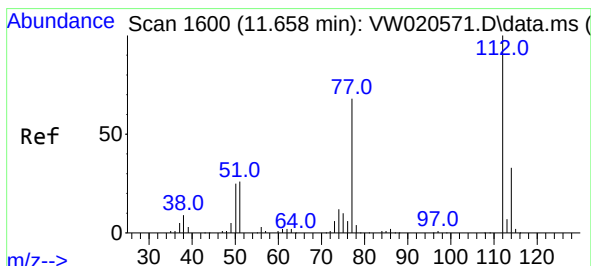
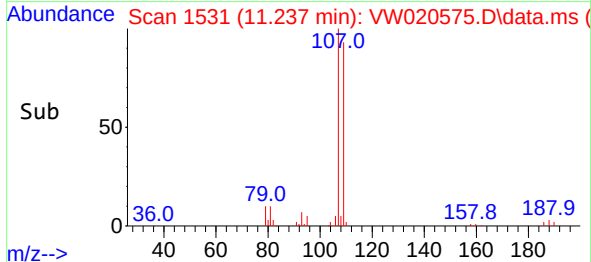
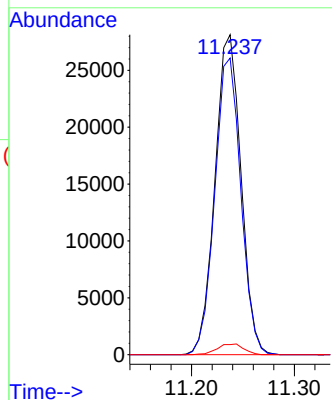
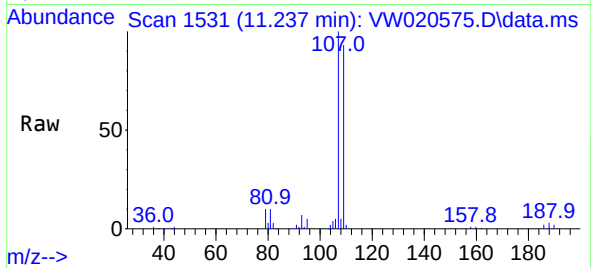




#50
1,2-Dibromoethane
Concen: 22.613 ug/L
RT: 11.237 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

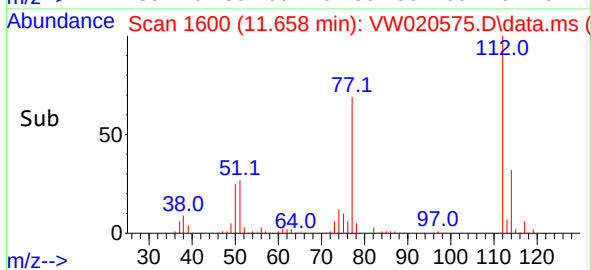
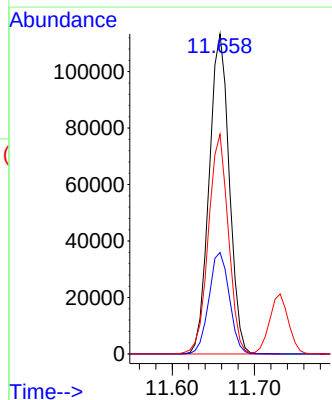
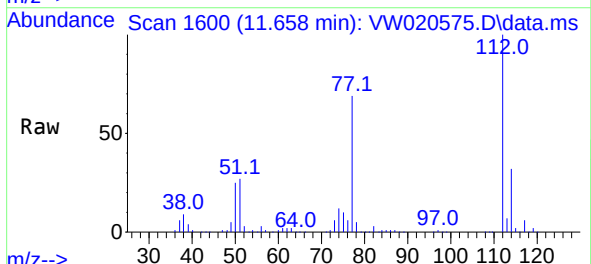
Instrument :
MSVOA_W
ClientSampleId :
JDGE9MSD

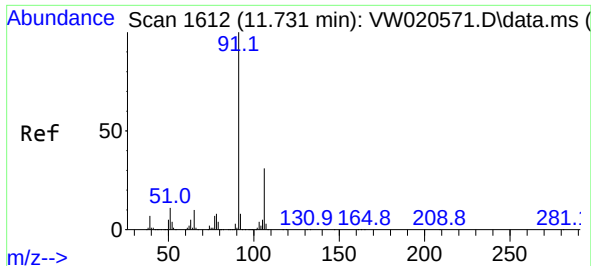
Tgt Ion:107 Resp: 49482
Ion Ratio Lower Upper
107 100
109 92.7 64.5 119.9
188 3.1 3.2 4.8#



#51
Chlorobenzene
Concen: 21.738 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Tgt Ion:112 Resp: 192643
Ion Ratio Lower Upper
112 100
114 31.7 22.3 41.5
77 68.6 50.7 76.1

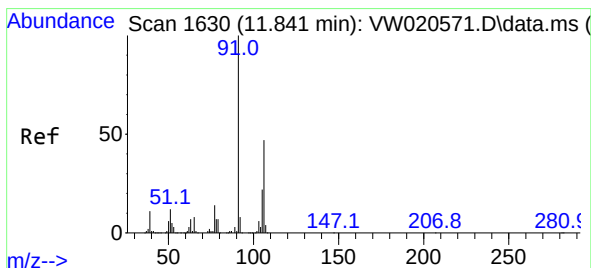
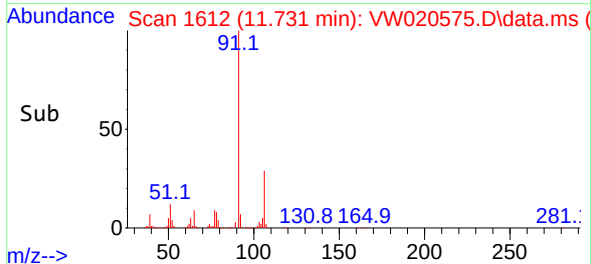
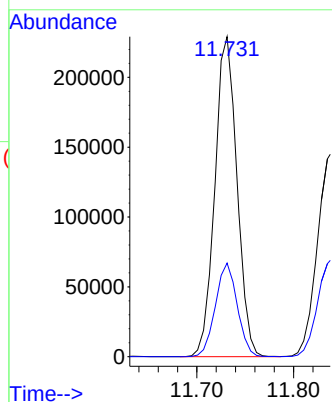
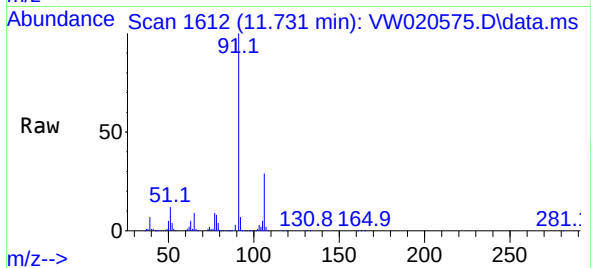




#52
Ethylbenzene
Concen: 23.287 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

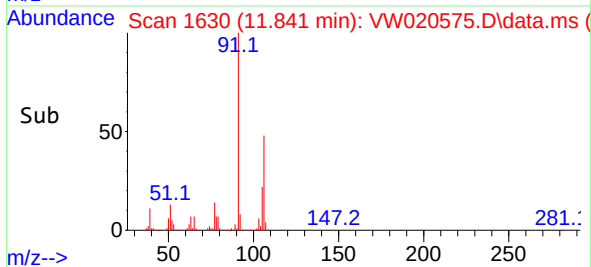
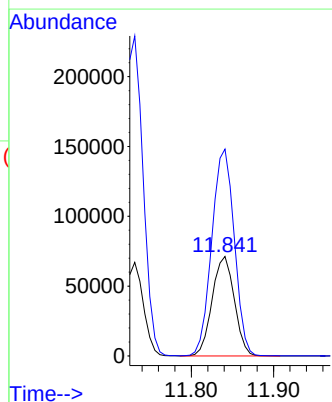
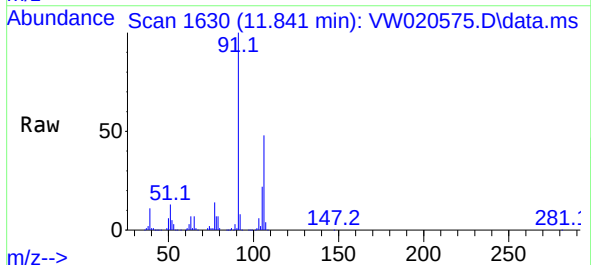
Instrument :
MSVOA_W
ClientSampleId :
JDGE9MSD

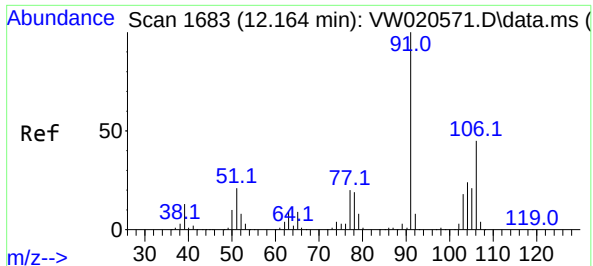
Tgt Ion: 91 Resp: 362908
Ion Ratio Lower Upper
91 100
106 29.2 21.3 39.5



#53
m,p-Xylene
Concen: 23.132 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Tgt Ion:106 Resp: 133572
Ion Ratio Lower Upper
106 100
91 207.8 148.2 275.2

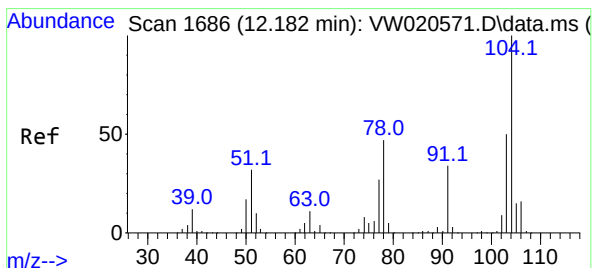
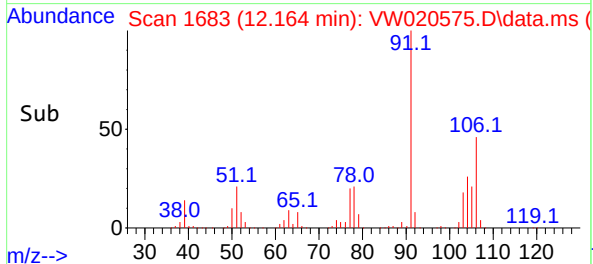
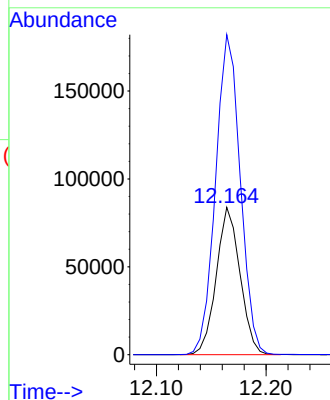
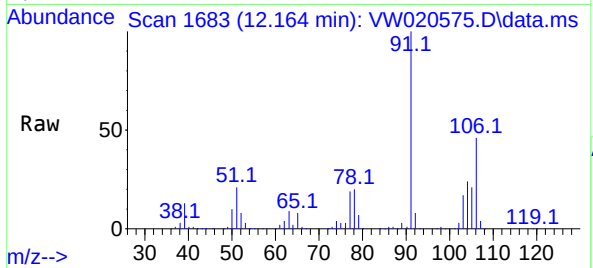




#54
o-Xylene
Concen: 23.670 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

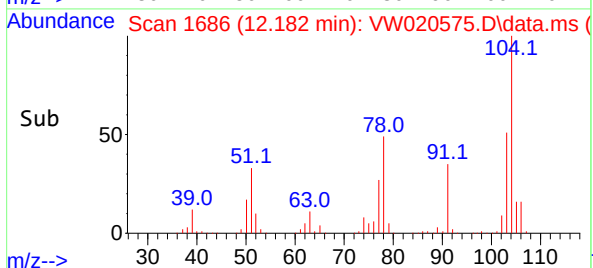
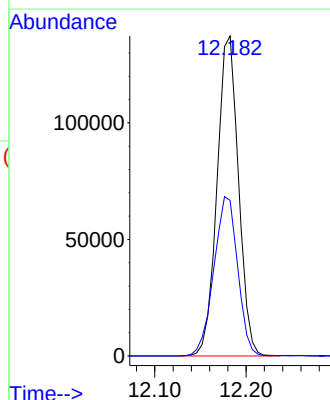
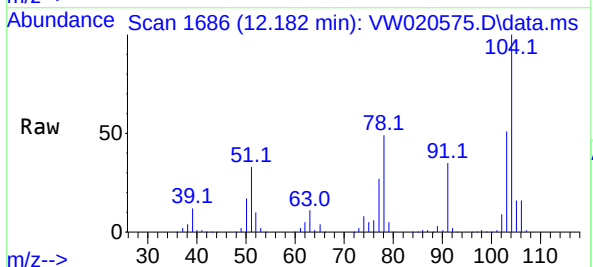
Instrument :
MSVOA_W
ClientSampleId :
JDGE9MSD

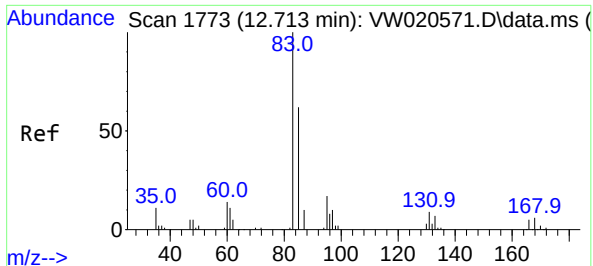
Tgt Ion:106 Resp: 126224
Ion Ratio Lower Upper
106 100
91 217.2 156.1 289.9



#55
Styrene
Concen: 24.030 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Tgt Ion:104 Resp: 224057
Ion Ratio Lower Upper
104 100
78 48.6 33.2 61.7



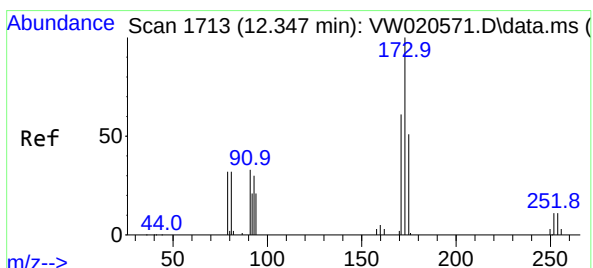
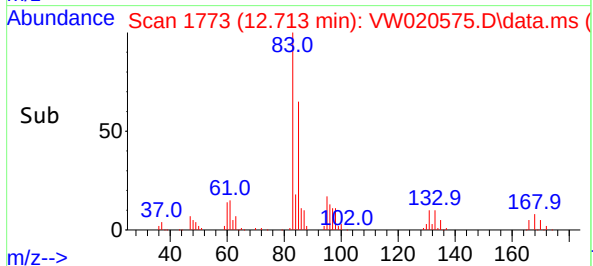
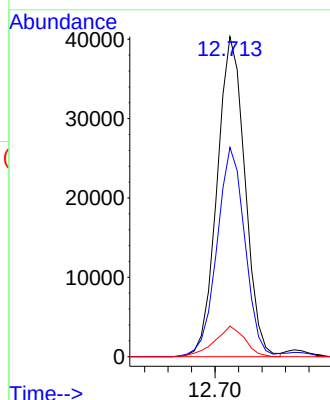
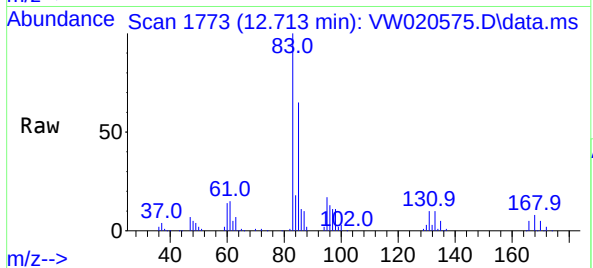


#57
1,1,2,2-Tetrachloroethane
Concen: 22.466 ug/L
RT: 12.713 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Instrument :
MSVOA_W
ClientSampleId :
JDGE9MSD

Tgt Ion: 83 Resp: 66350

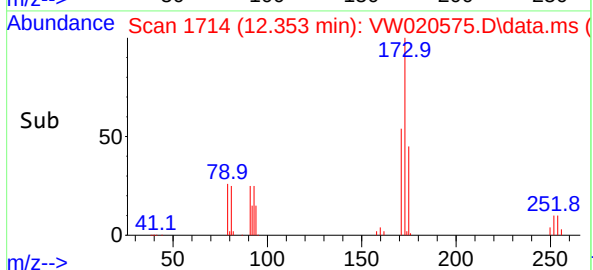
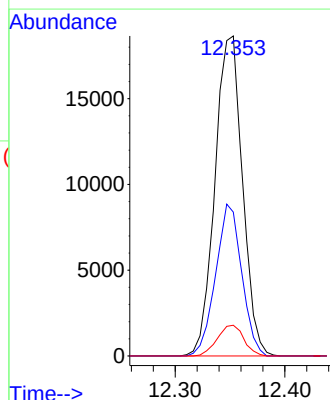
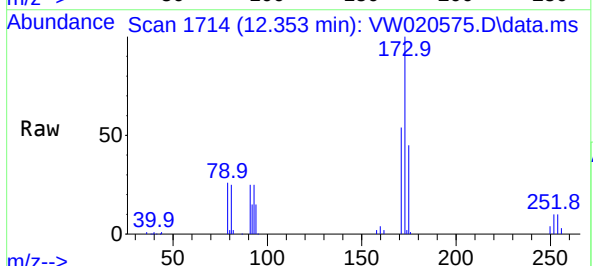
Ion	Ratio	Lower	Upper
83	100		
85	65.4	45.9	85.3
131	9.6	7.4	11.2

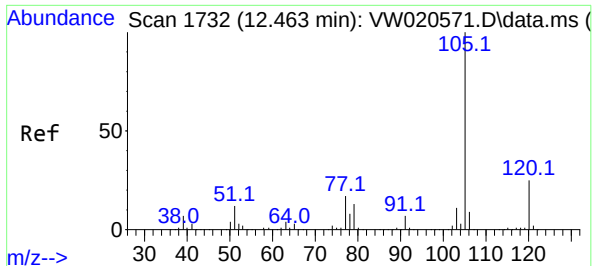


#59
Bromoform
Concen: 22.898 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Tgt Ion: 173 Resp: 32538

Ion	Ratio	Lower	Upper
173	100		
175	44.9	38.6	57.8
254	9.3	7.3	10.9

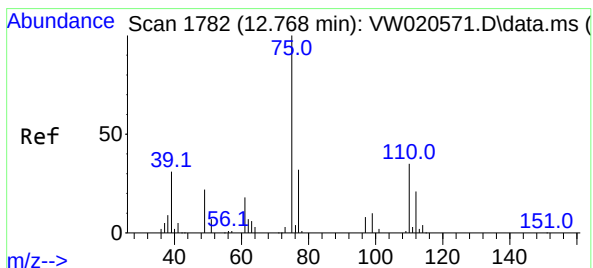
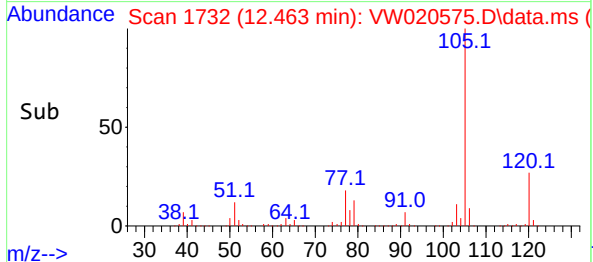
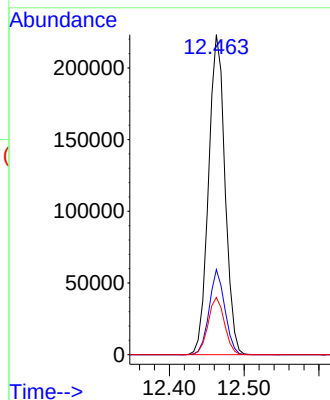
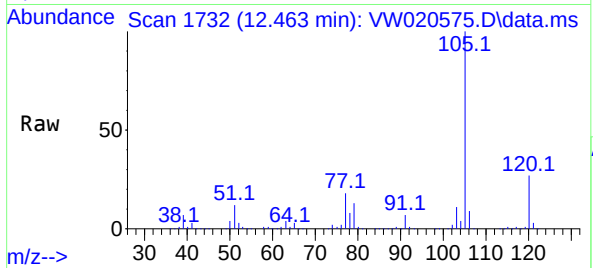




#60
Isopropylbenzene
Concen: 22.905 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

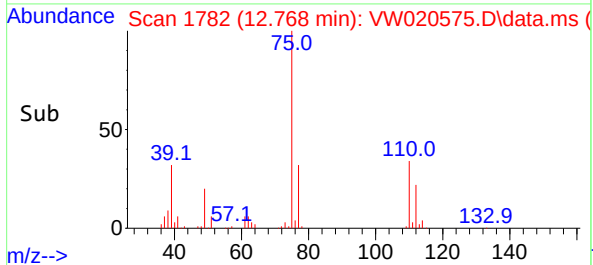
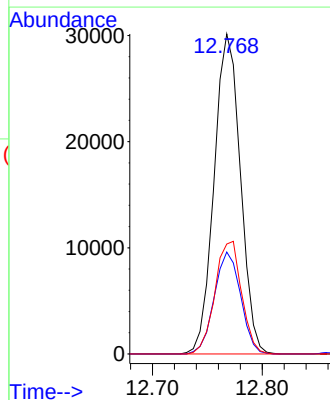
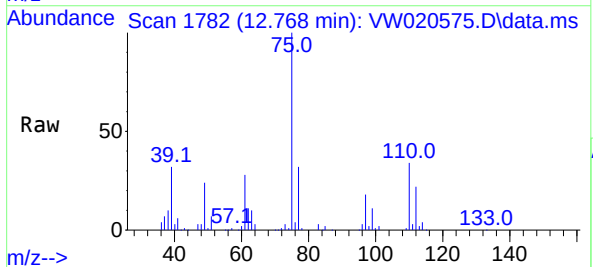
Instrument :
MSVOA_W
ClientSampleId :
JDGE9MSD

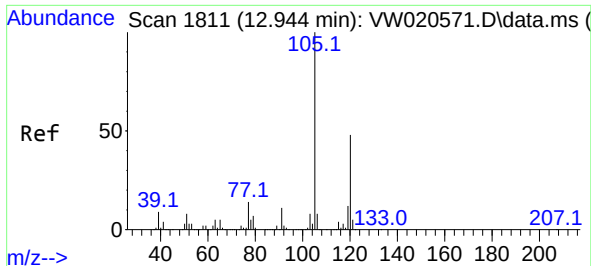
Tgt Ion:105 Resp: 341014
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5
77 17.9 13.8 20.6



#61
1,2,3-Trichloropropane
Concen: 22.476 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Tgt Ion: 75 Resp: 50226
Ion Ratio Lower Upper
75 100
77 31.9 25.1 37.7
110 35.6 29.4 44.0

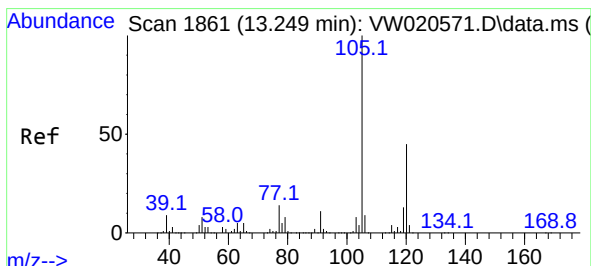
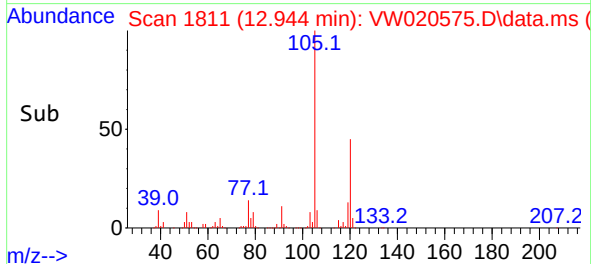
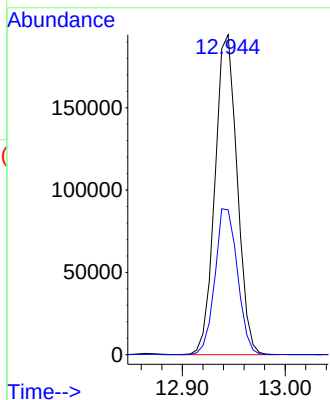
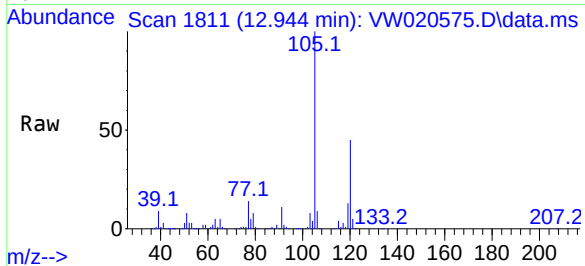




#62
1,3,5-Trimethylbenzene
Concen: 23.947 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

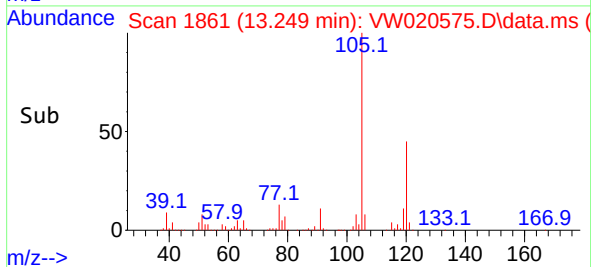
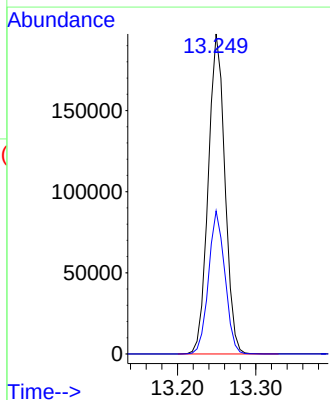
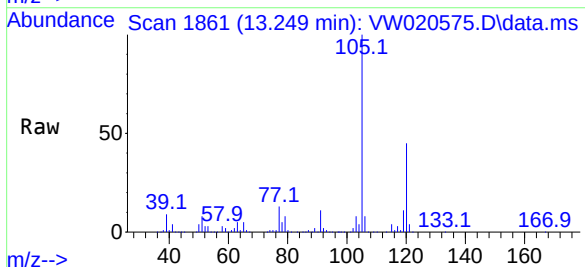
Instrument :
MSVOA_W
ClientSampleId :
JDGE9MSD

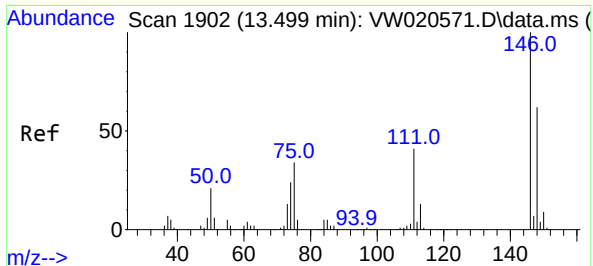
Tgt Ion:105 Resp: 291088
Ion Ratio Lower Upper
105 100
120 46.4 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 24.184 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Tgt Ion:105 Resp: 291183
Ion Ratio Lower Upper
105 100
120 43.7 35.4 53.2

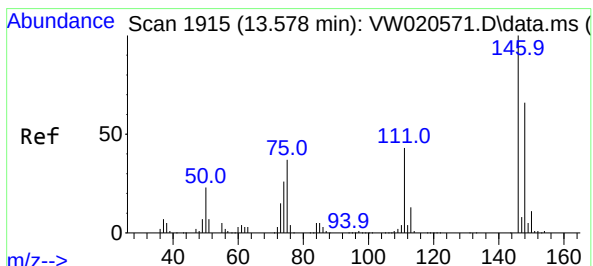
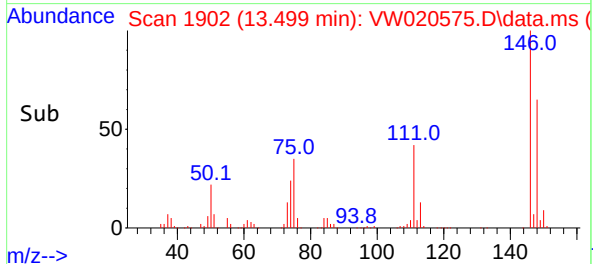
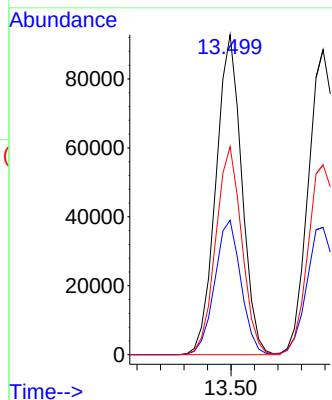
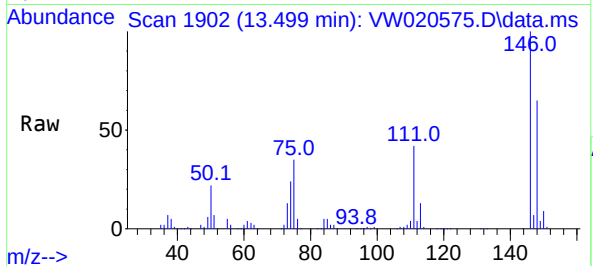




#64
1,3-Dichlorobenzene
Concen: 22.045 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

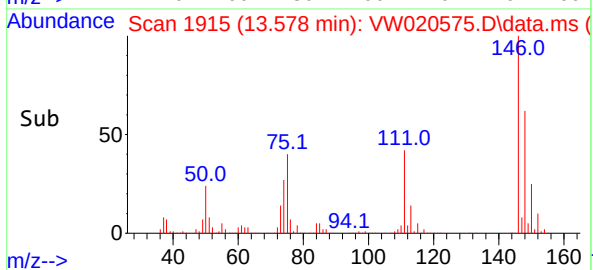
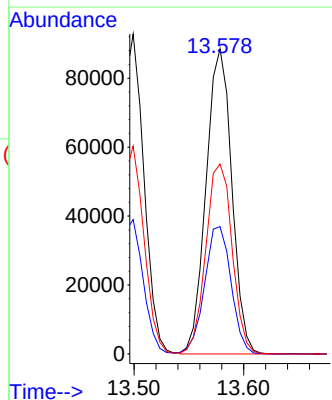
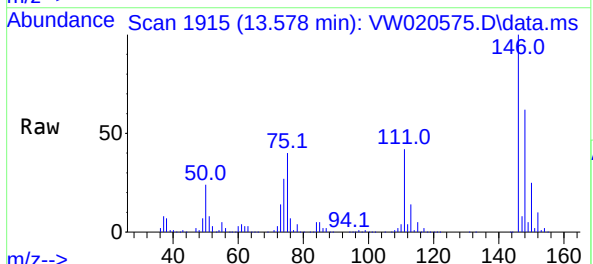
Instrument :
MSVOA_W
ClientSampleId :
JDGE9MSD

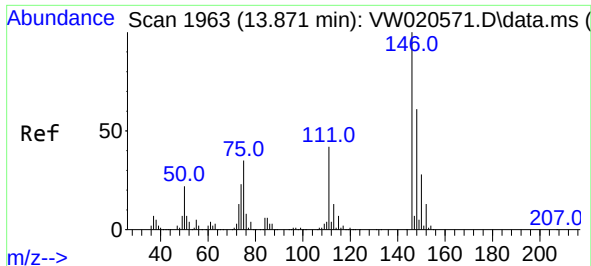
Tgt Ion:146 Resp: 142008
Ion Ratio Lower Upper
146 100
111 42.0 29.0 53.8
148 65.0 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 21.737 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Tgt Ion:146 Resp: 144832
Ion Ratio Lower Upper
146 100
111 41.8 30.9 57.5
148 62.2 46.1 85.7





#67

1,2-Dichlorobenzene

Concen: 22.396 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VW020575.D

Acq: 18 Oct 2021 20:59

Instrument :

MSVOA_W

ClientSampleId :

JDGE9MSD

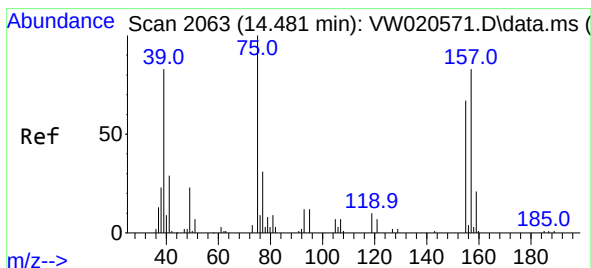
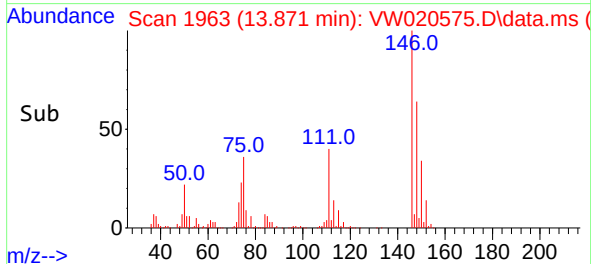
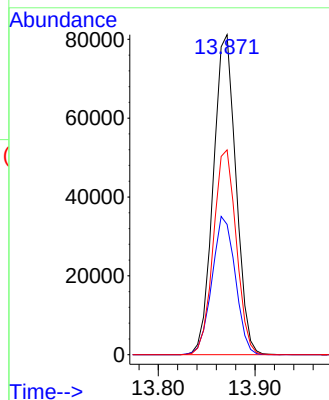
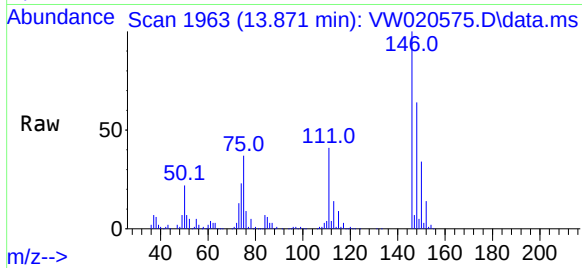
Tgt Ion:146 Resp: 132172

Ion Ratio Lower Upper

146 100

111 40.7 33.9 50.9

148 64.0 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 22.709 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW020575.D

Acq: 18 Oct 2021 20:59

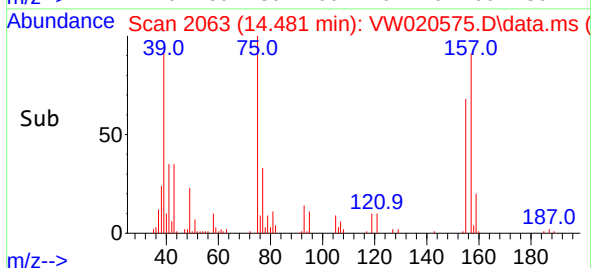
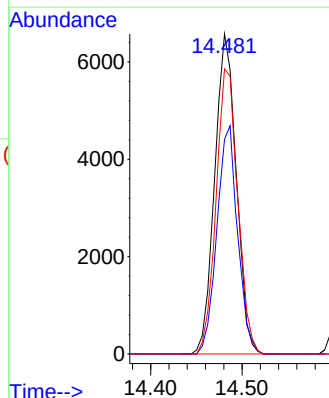
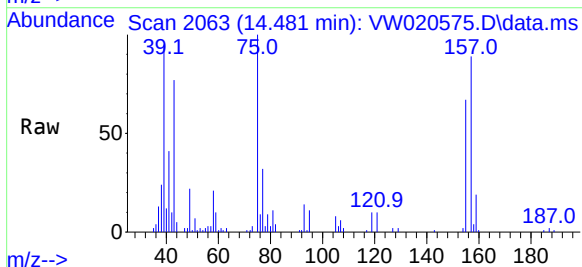
Tgt Ion: 75 Resp: 10779

Ion Ratio Lower Upper

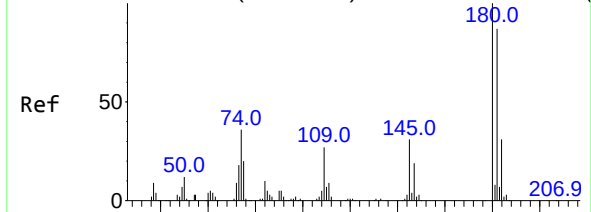
75 100

155 67.1 51.4 77.0

157 89.1 70.8 106.2

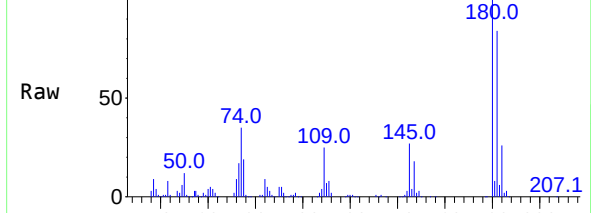


Abundance Scan 2087 (14.627 min): VW020571.D\data.ms (



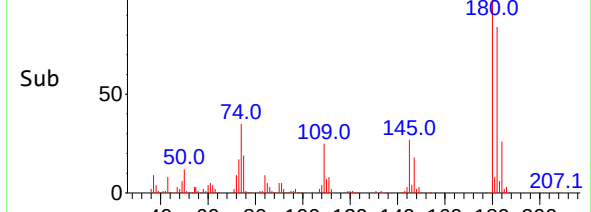
m/z-->

Abundance Scan 2087 (14.627 min): VW020575.D\data.ms



m/z-->

Abundance Scan 2087 (14.627 min): VW020575.D\data.ms (



m/z-->

#69

1,3,5-Trichlorobenzene

Concen: 21.987 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW020575.D

Acq: 18 Oct 2021 20:59

Instrument :

MSVOA_W

ClientSampleId :

JDGE9MSD

Tgt Ion:180 Resp: 100996

Ion Ratio Lower Upper

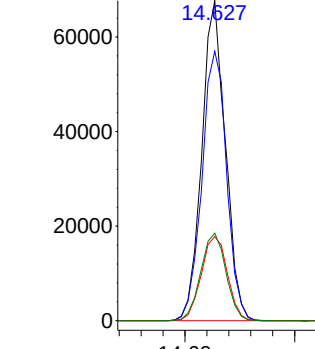
180 100

182 88.4 73.4 110.0

184 29.1 24.2 36.4

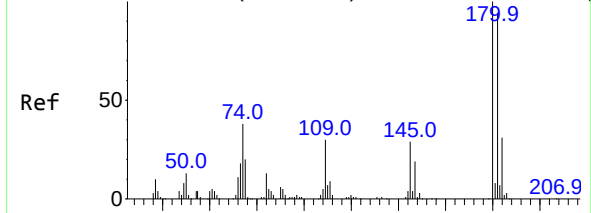
145 29.2 23.7 35.5

Abundance



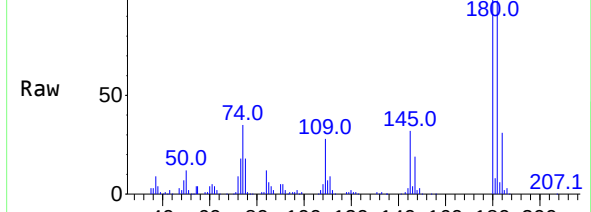
Time-->

Abundance Scan 2169 (15.127 min): VW020571.D\data.ms (



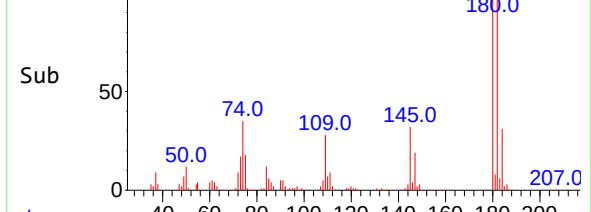
m/z-->

Abundance Scan 2170 (15.133 min): VW020575.D\data.ms



m/z-->

Abundance Scan 2170 (15.133 min): VW020575.D\data.ms (



m/z-->

#70

1,2,4-trichlorobenzene

Concen: 21.493 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW020575.D

Acq: 18 Oct 2021 20:59

Tgt Ion:180 Resp: 78173

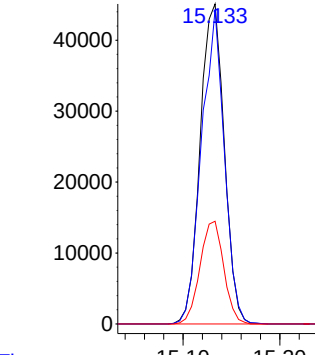
Ion Ratio Lower Upper

180 100

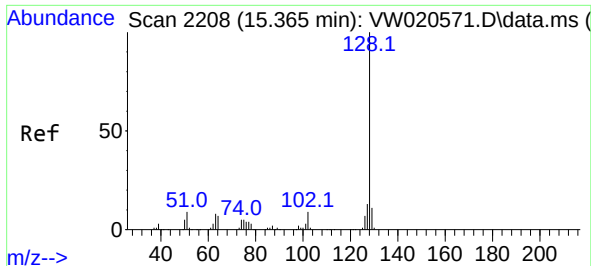
182 92.7 75.8 113.8

145 31.6 24.8 37.2

Abundance



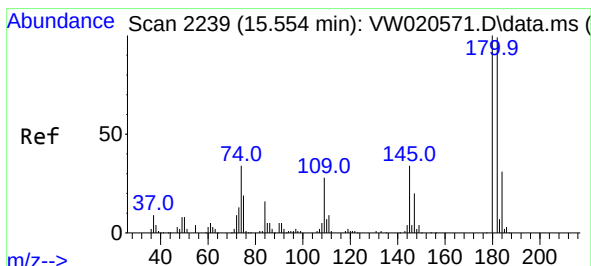
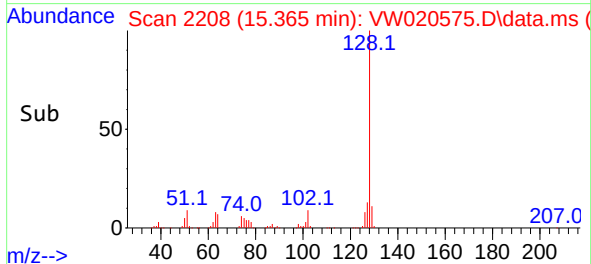
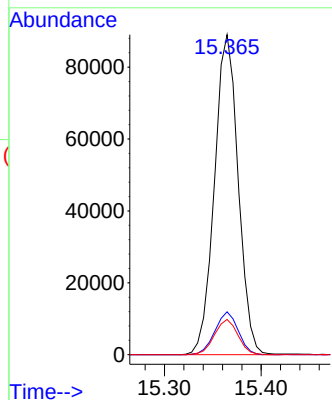
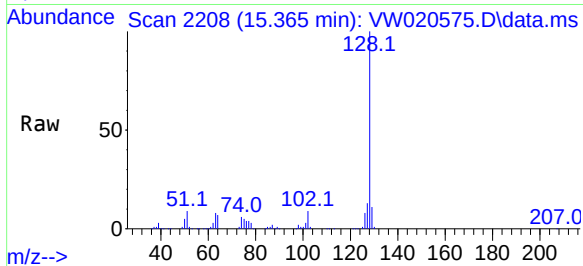
Time-->



#71
Naphthalene
Concen: 23.234 ug/L
RT: 15.365 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Instrument :
MSVOA_W
ClientSampleId :
JDGE9MSD

Tgt Ion:	128	Resp:	151932
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.9	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 21.753 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW020575.D
Acq: 18 Oct 2021 20:59

Tgt Ion:	180	Resp:	69491
Ion Ratio	Lower	Upper	
180	100		
182	91.8	74.8	112.2
145	33.4	26.2	39.4

