

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101821\
 Data File : VW020552.D
 Acq On : 18 Oct 2021 10:54
 Operator : SY/VA
 Sample : M4213-02MSRE
 Misc : 3.48g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JDGE3MSRE

Quant Time: Oct 19 05:42:47 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	172007	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	131262	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	43682	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	70393	28.125	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 112.480%	
7) Chloroethane-d5	2.879	69	43181	32.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 130.640%	
11) 1,1-Dichloroethene-d2	4.019	63	136010	26.520	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 106.080%	
21) 2-Butanone-d5	7.086	46	32697	42.926	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 85.860%	
24) Chloroform-d	7.653	84	152572	27.827	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 111.320%	
26) 1,2-Dichloroethane-d4	8.305	65	81233	25.941	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 103.760%	
32) Benzene-d6	8.275	84	280445	32.481	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 129.920%	
36) 1,2-Dichloropropane-d6	9.274	67	91356	32.465	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 129.840%#	
41) Toluene-d8	10.323	98	233818	30.181	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 120.720%	
43) trans-1,3-Dichloroprop...	10.579	79	31683	27.707	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 110.840%	
47) 2-Hexanone-d5	10.927	63	23736	54.832	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 109.660%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	52251	24.565	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 98.240%	
66) 1,2-Dichlorobenzene-d4	13.853	152	39681	23.222	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 92.880%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	31195	28.065	ug/L	97
3) Chloromethane	2.215	50	62393	26.997	ug/L	97
5) Vinyl chloride	2.355	62	86411	26.583	ug/L	98
6) Bromomethane	2.776	94	35756	25.325	ug/L	98
8) Chloroethane	2.916	64	36423	30.345	ug/L	98
9) Trichlorofluoromethane	3.251	101	42742	23.110	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	63315	24.004	ug/L	100
12) 1,1-Dichloroethene	4.038	96	63141	26.108	ug/L	88
13) Acetone	4.129	43	38303	54.771	ug/L	99
14) Carbon disulfide	4.385	76	159255	20.245	ug/L	100
15) Methyl Acetate	4.678	43	27679	21.313	ug/L	100
16) Methylene chloride	4.915	84	70147	20.978	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	63051	24.849	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	92942	25.999	ug/L	99
19) 1,1-Dichloroethane	6.220	63	140186	26.950	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	67644	25.649	ug/L	97
22) 2-Butanone	7.171	43	43759	49.988	ug/L	97
23) Bromochloromethane	7.519	128	29033	25.099	ug/L	96
25) Chloroform	7.677	83	133896	26.478	ug/L	99

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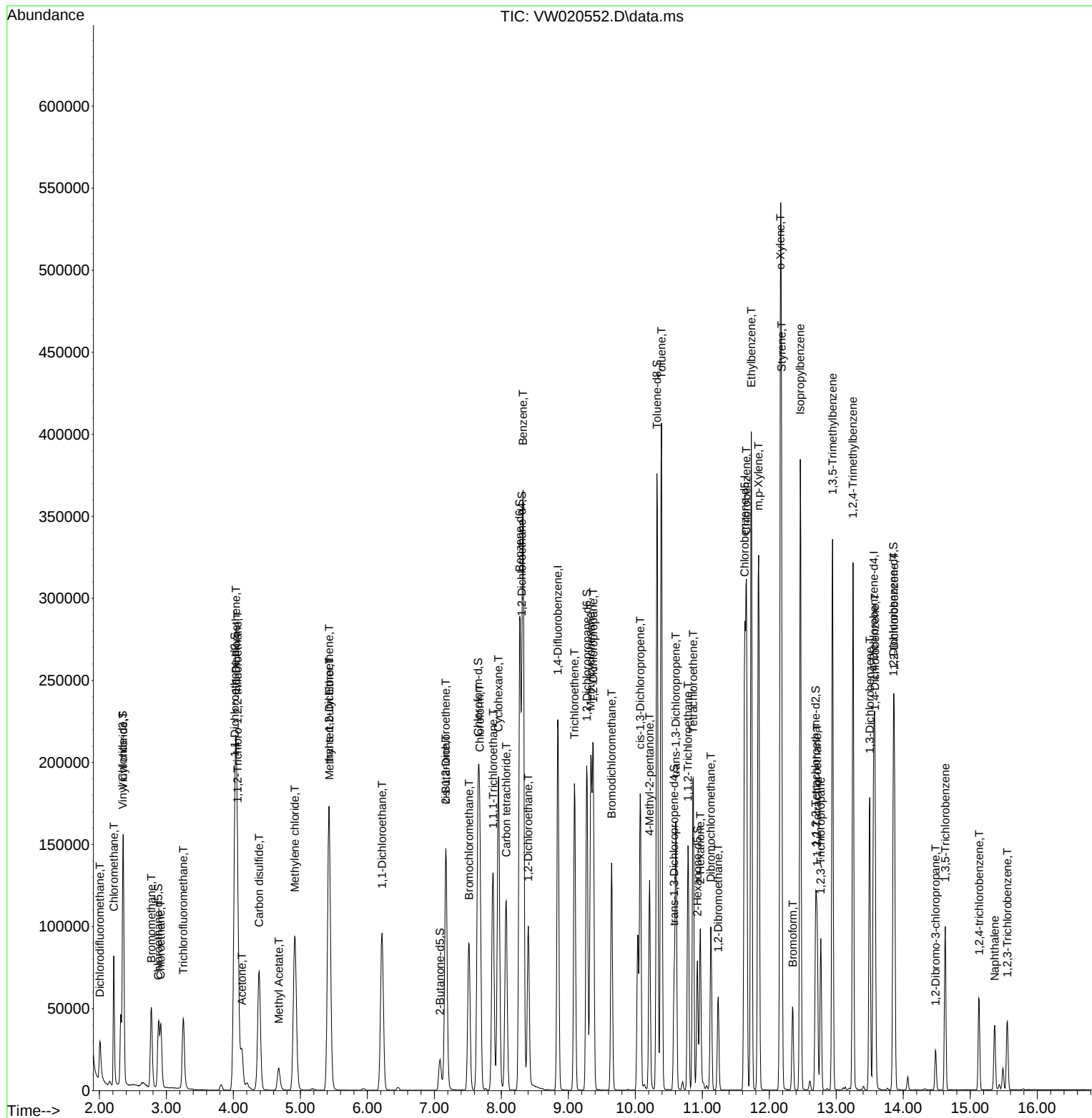
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	86713	25.071	ug/L	99
29) Cyclohexane	7.958	56	98036	25.511	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	104859	32.157	ug/L	100
31) Carbon tetrachloride	8.073	117	86254	30.085	ug/L	98
33) Benzene	8.323	78	295665	31.624	ug/L	100
34) Trichloroethene	9.092	95	64635	28.062	ug/L	96
35) Methylcyclohexane	9.335	83	72348	18.355	ug/L	98
37) 1,2-Dichloropropane	9.372	63	74958	30.960	ug/L	100
38) Bromodichloromethane	9.646	83	88523	30.495	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	96742	28.961	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	85430	58.789	ug/L	98
42) Toluene	10.390	91	282132	30.085	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	82465	28.004	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	44128	28.387	ug/L	98
46) Tetrachloroethene	10.866	164	40745	24.628	ug/L	95
48) 2-Hexanone	10.969	43	65655	61.580	ug/L	98
49) Dibromochloromethane	11.128	129	48031	28.045	ug/L	99
50) 1,2-Dibromoethane	11.238	107	38094	26.678	ug/L	96
51) Chlorobenzene	11.658	112	140281	24.258	ug/L	97
52) Ethylbenzene	11.731	91	266776	26.234	ug/L	99
53) m,p-Xylene	11.841	106	96148	25.518	ug/L	99
54) o-Xylene	12.164	106	90925	26.130	ug/L	95
55) Styrene	12.182	104	144504	23.751	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	45618	23.672	ug/L	97
59) Bromoform	12.353	173	22001	35.953	ug/L	100
60) Isopropylbenzene	12.463	105	221538	34.554	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	35887	37.292	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	163883	31.307	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	158489	30.566	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	67015	24.158	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	66982	23.344	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	57924	22.791	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	6441	31.510	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	28591	14.454	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	15655	9.995	ug/L	93
71) Naphthalene	15.365	128	32225	11.443	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	13247	9.629	ug/L	97

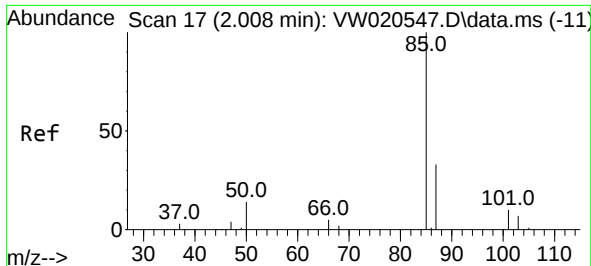
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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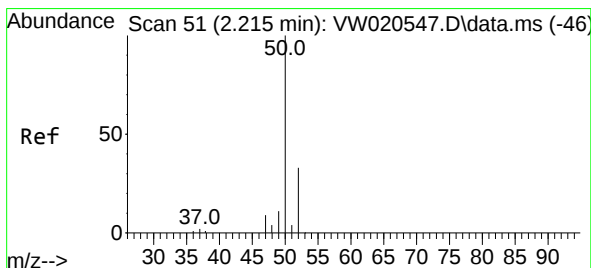
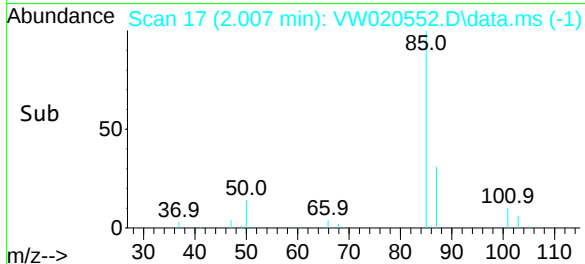
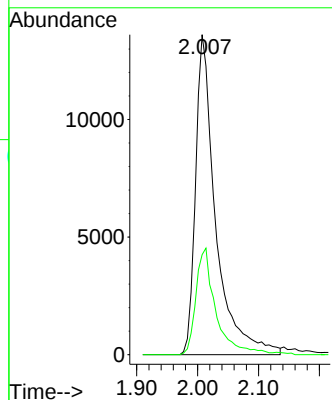
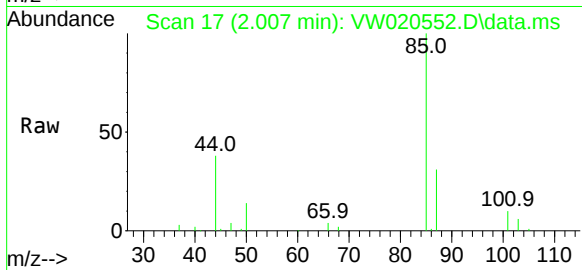




#2
 Dichlorodifluoromethane
 Concen: 28.065 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW020552.D
 Acq: 18 Oct 2021 10:54

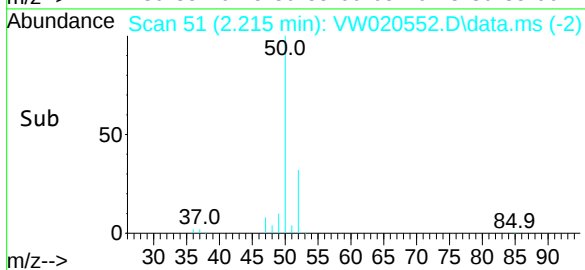
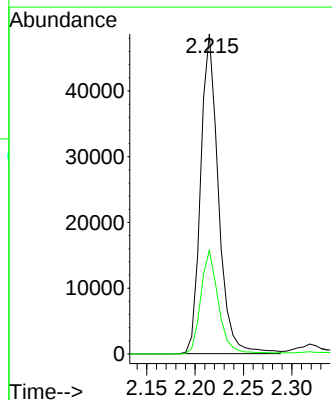
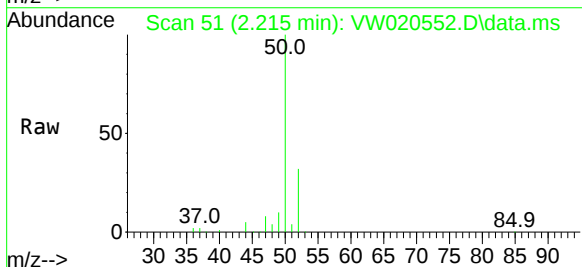
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 MSVOA_W
 ClientSampleId :
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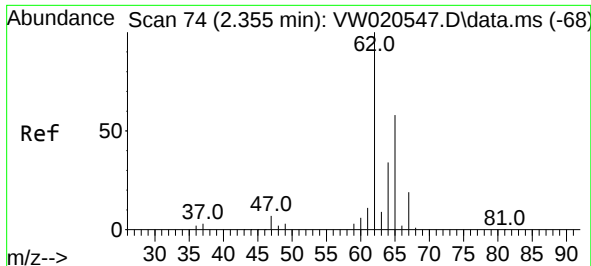
Tgt Ion: 85 Resp: 31195
 Ion Ratio Lower Upper
 85 100
 87 32.9 24.9 37.3



#3
 Chloromethane
 Concen: 26.997 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW020552.D
 Acq: 18 Oct 2021 10:54

Tgt Ion: 50 Resp: 62393
 Ion Ratio Lower Upper
 50 100
 52 32.3 21.5 39.9

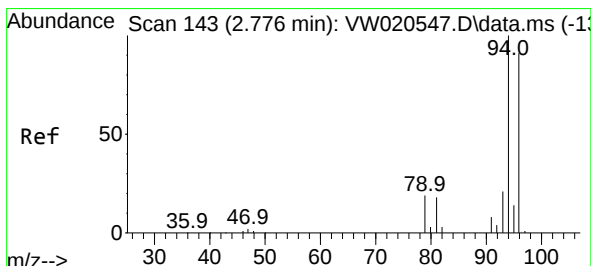
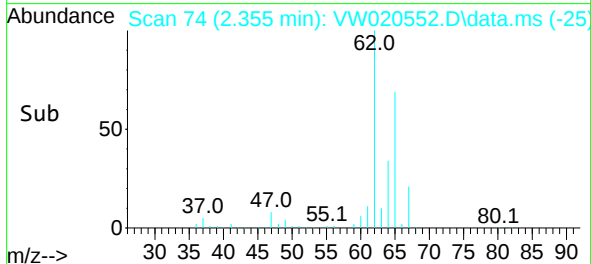
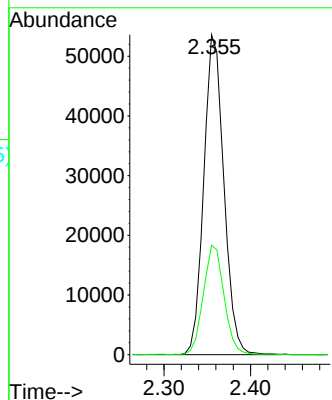
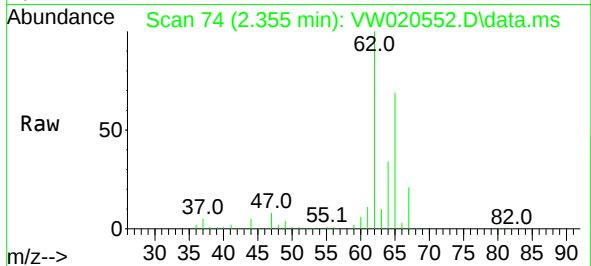




#5
 Vinyl chloride
 Concen: 26.583 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW020552.D
 Acq: 18 Oct 2021 10:54

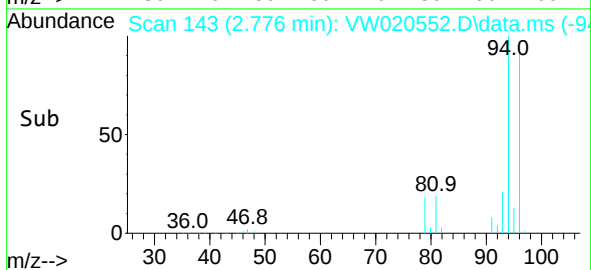
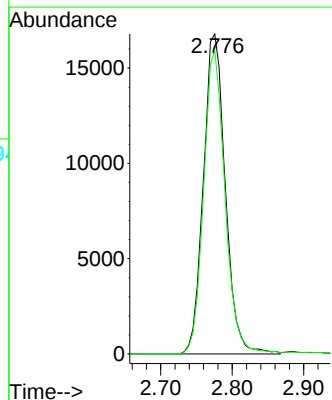
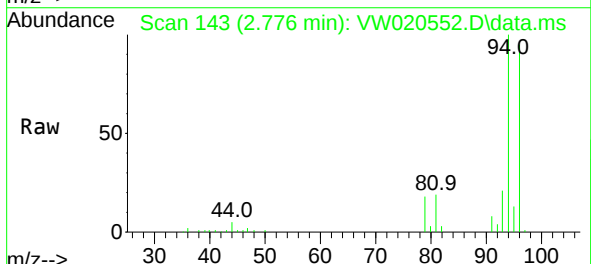
Instrument :
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 ClientSampleId :
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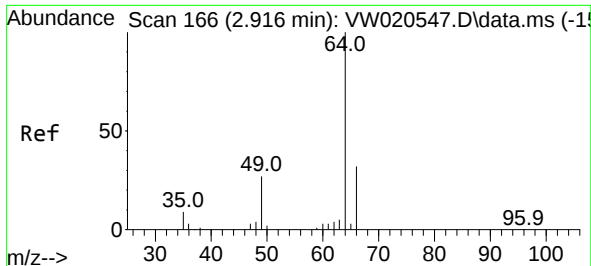
Tgt Ion: 62 Resp: 86411
 Ion Ratio Lower Upper
 62 100
 64 34.2 24.6 45.6



#6
 Bromomethane
 Concen: 25.325 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW020552.D
 Acq: 18 Oct 2021 10:54

Tgt Ion: 94 Resp: 35756
 Ion Ratio Lower Upper
 94 100
 96 94.8 67.8 126.0

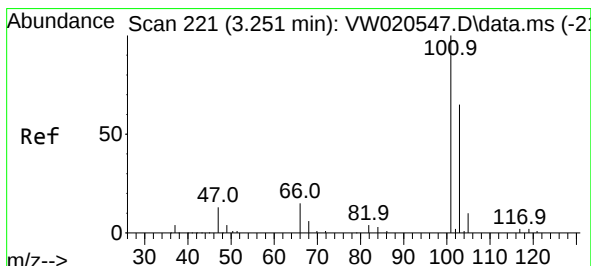
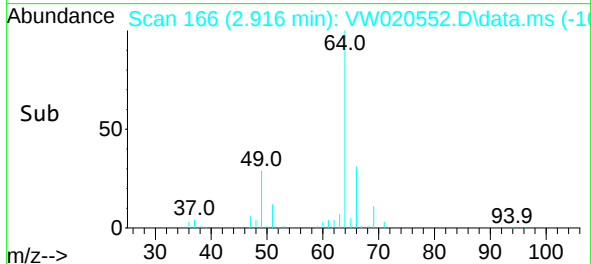
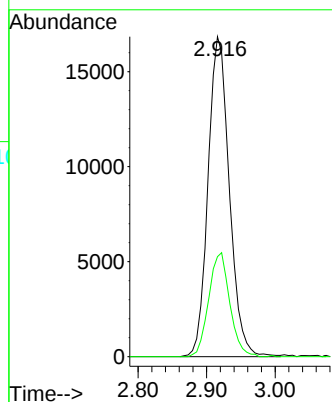
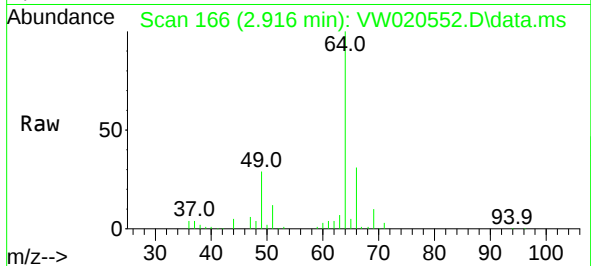




#8
Chloroethane
Concen: 30.345 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

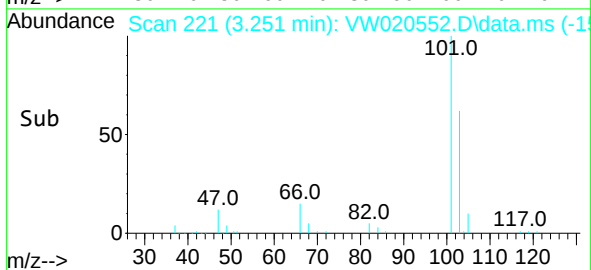
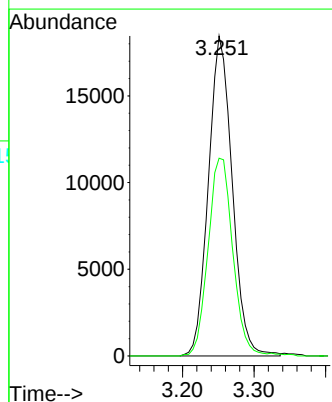
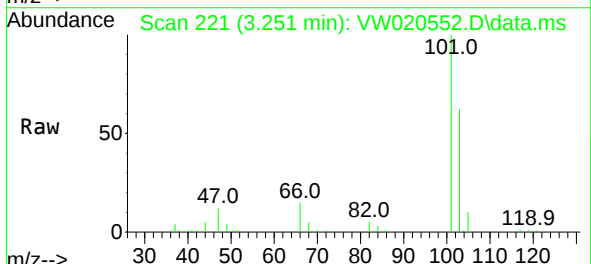
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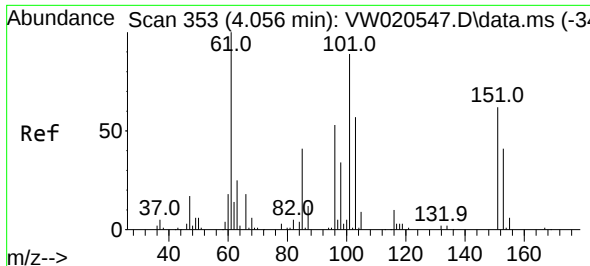
Tgt Ion: 64 Resp: 36423
Ion Ratio Lower Upper
64 100
66 31.2 21.2 39.4



#9
Trichlorofluoromethane
Concen: 23.110 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

Tgt Ion:101 Resp: 42742
Ion Ratio Lower Upper
101 100
103 63.8 52.2 78.4

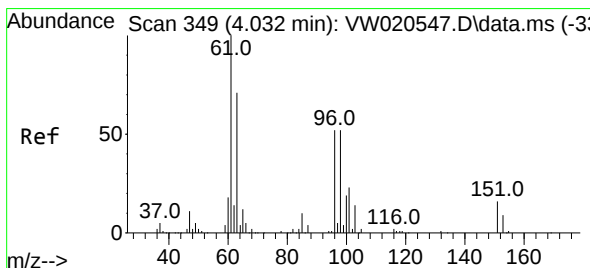
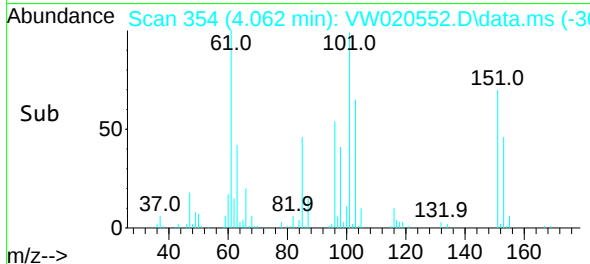
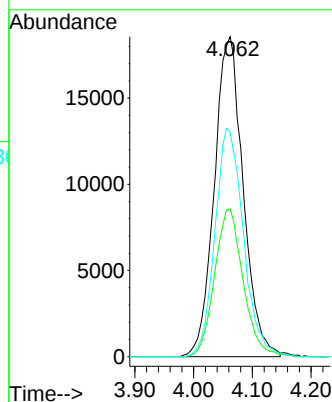
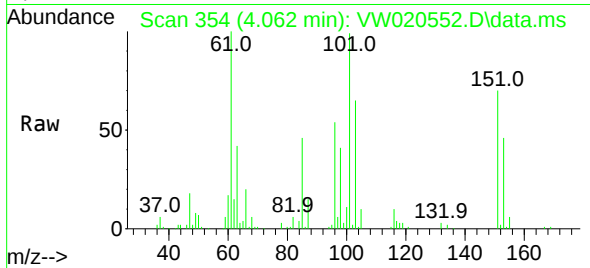




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.004 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VW020552.D
 Acq: 18 Oct 2021 10:54

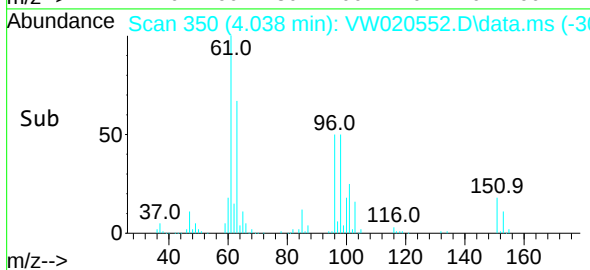
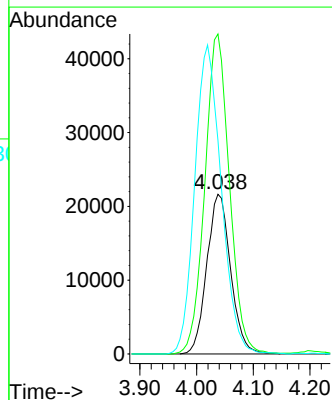
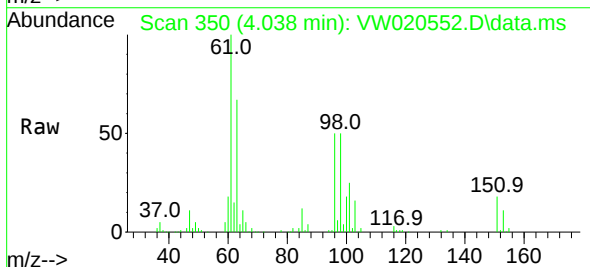
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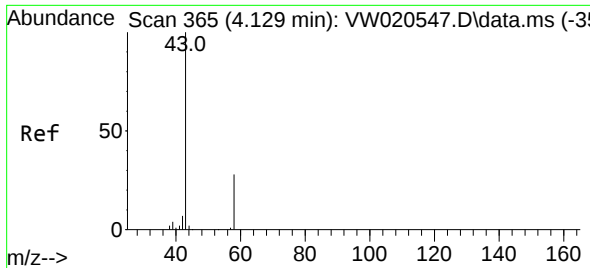
Tgt Ion:101 Resp: 63315
 Ion Ratio Lower Upper
 101 100
 85 45.6 36.3 54.5
 151 70.5 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 26.108 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.006 min
 Lab File: VW020552.D
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Tgt Ion: 96 Resp: 63141
 Ion Ratio Lower Upper
 96 100
 61 200.4 133.9 248.7
 63 133.8 77.3 143.7

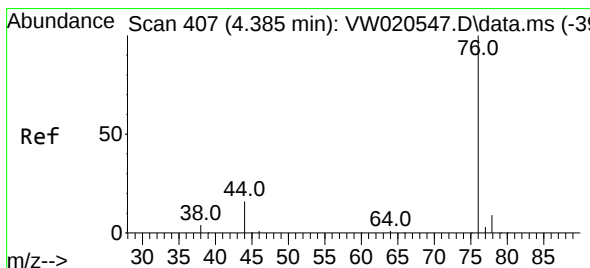
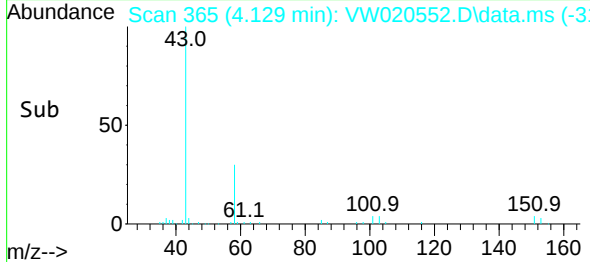
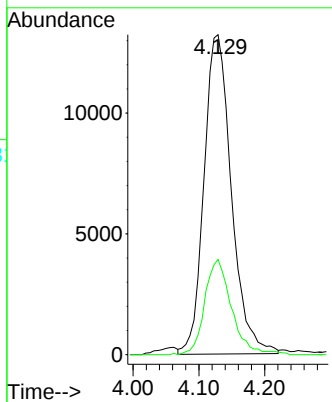
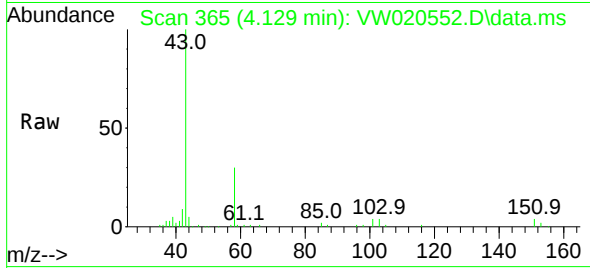




#13
Acetone
Concen: 54.771 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW020552.D
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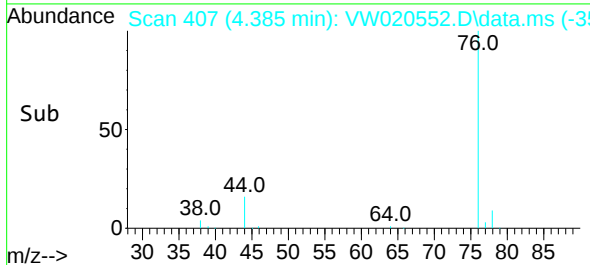
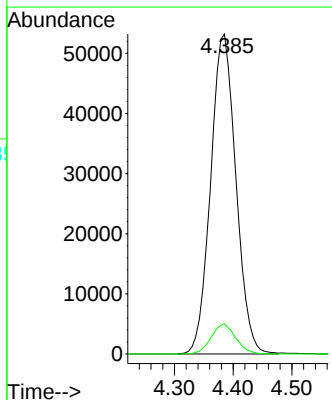
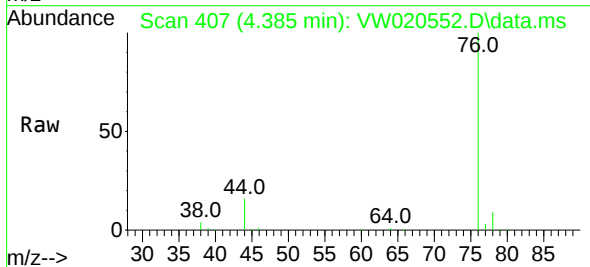
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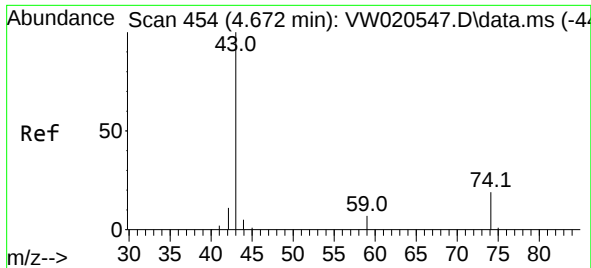
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Ion Ratio Lower Upper
43 100
58 28.6 0.0 58.4



#14
Carbon disulfide
Concen: 20.245 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 159255
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

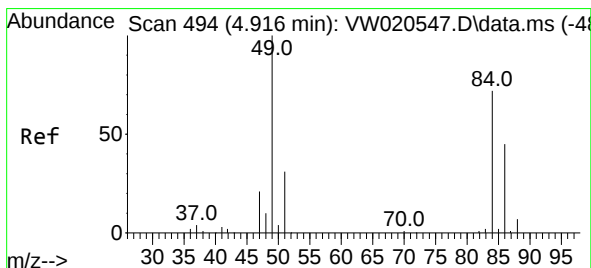
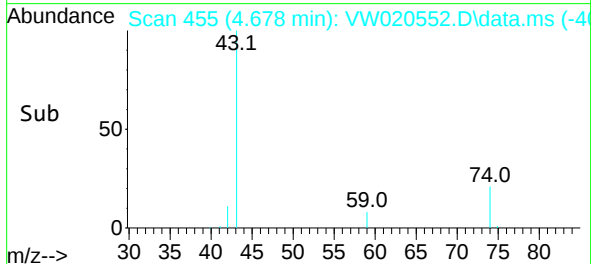
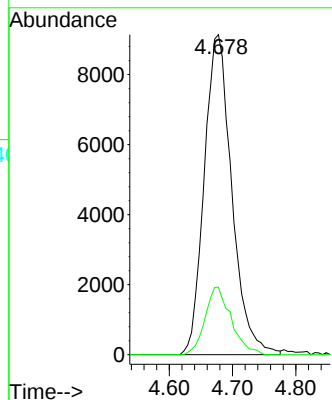
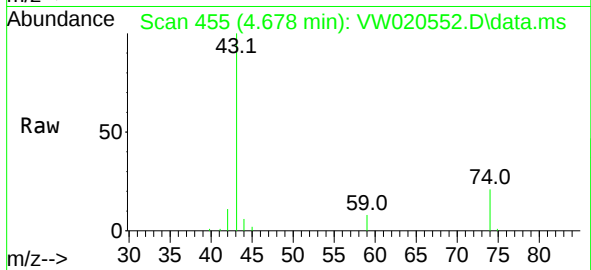




#15
Methyl Acetate
Concen: 21.313 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

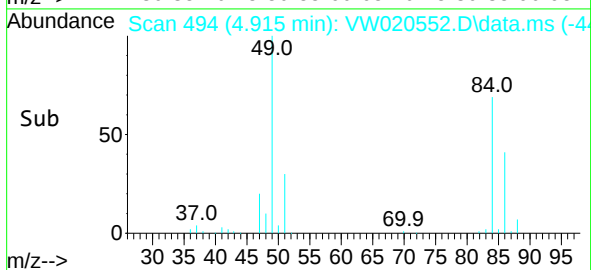
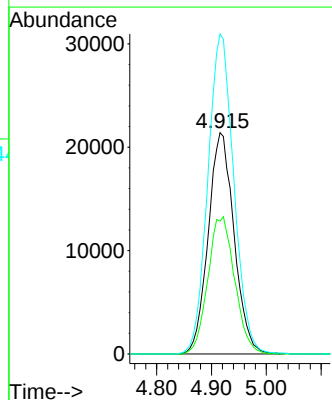
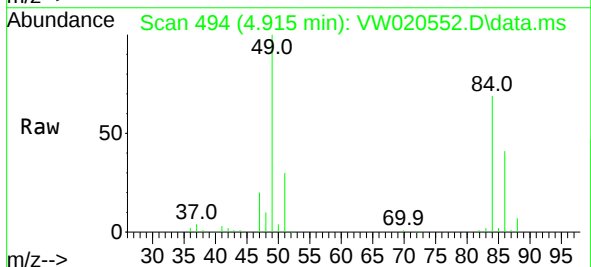
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSRE

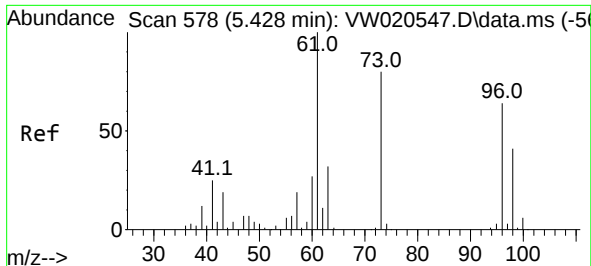
Tgt Ion: 43 Resp: 27679
Ion Ratio Lower Upper
43 100
74 20.0 16.1 24.1



#16
Methylene chloride
Concen: 20.978 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

Tgt Ion: 84 Resp: 70147
Ion Ratio Lower Upper
84 100
86 60.0 44.7 83.1
49 144.6 101.7 188.9

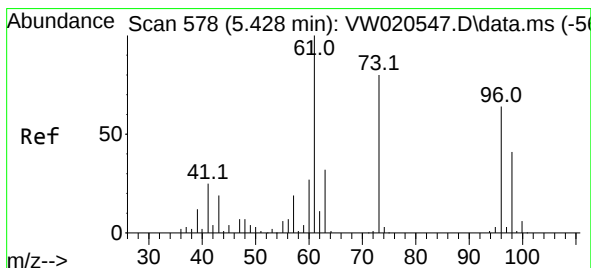
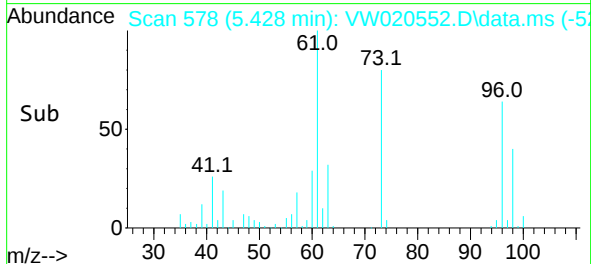
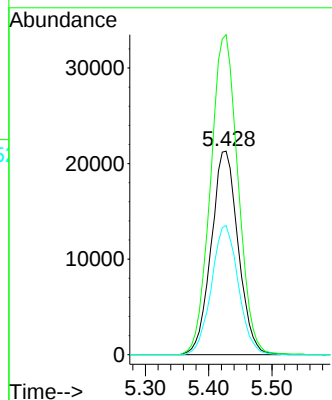
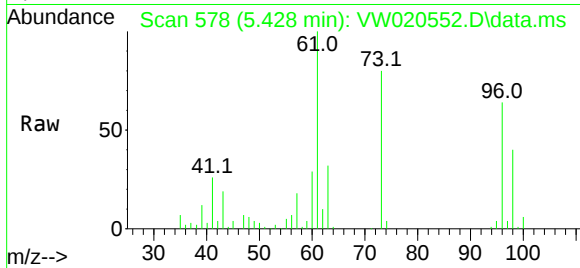




#17
trans-1,2-Dichloroethene
Concen: 24.849 ug/L
RT: 5.428 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

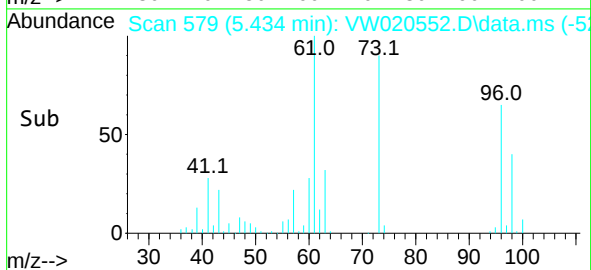
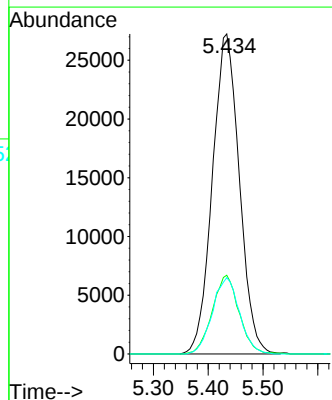
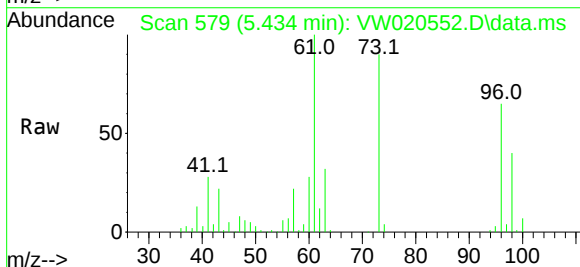
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSRE

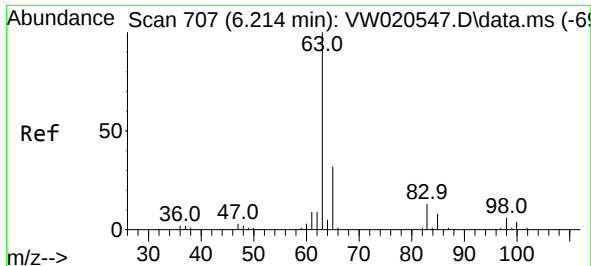
Tgt Ion: 96 Resp: 63051
Ion Ratio Lower Upper
96 100
61 157.2 110.7 205.5
98 63.4 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 25.999 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

Tgt Ion: 73 Resp: 92942
Ion Ratio Lower Upper
73 100
43 24.4 18.9 28.3
57 24.0 18.9 28.3





#19

1,1-Dichloroethane

Concen: 26.950 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW020552.D

Acq: 18 Oct 2021 10:54

Instrument :

MSVOA_W

ClientSampleId :

JDGE3MSRE

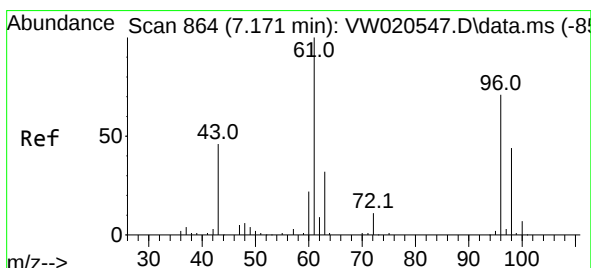
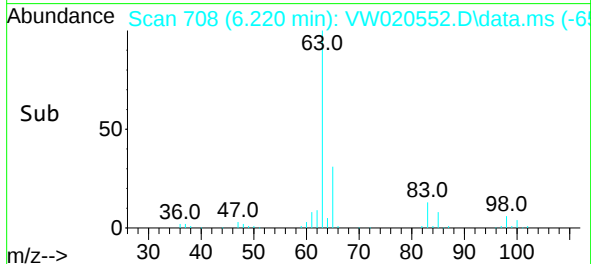
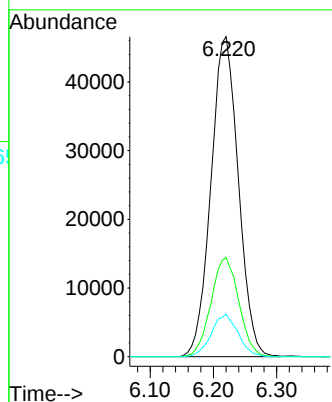
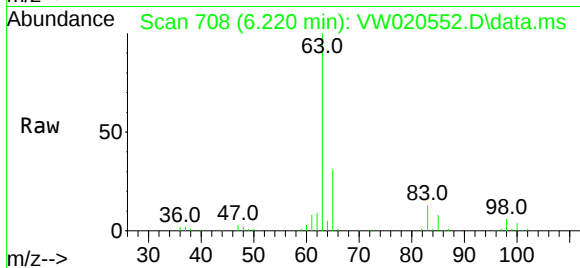
Tgt Ion: 63 Resp: 140186

Ion Ratio Lower Upper

63 100

65 31.0 21.9 40.7

83 13.3 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 25.649 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW020552.D

Acq: 18 Oct 2021 10:54

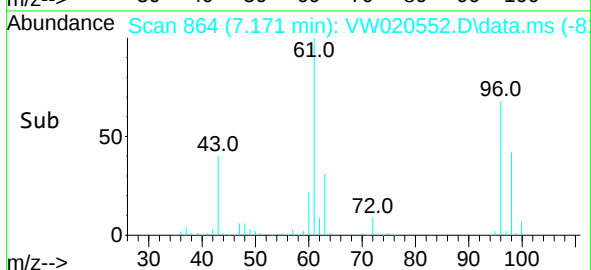
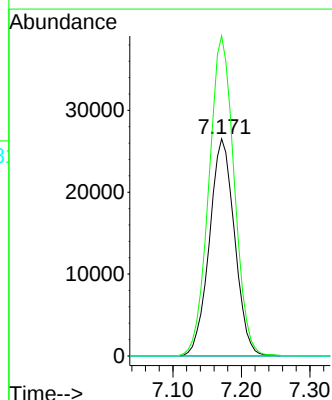
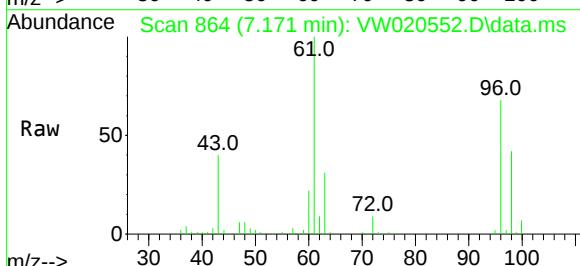
Tgt Ion: 96 Resp: 67644

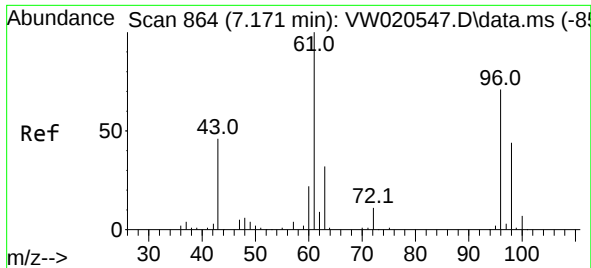
Ion Ratio Lower Upper

96 100

61 147.3 100.3 186.3

68 0.0 0.0 0.0

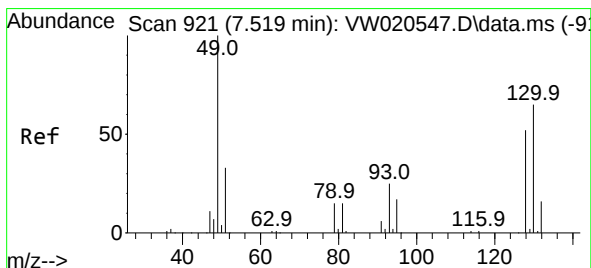
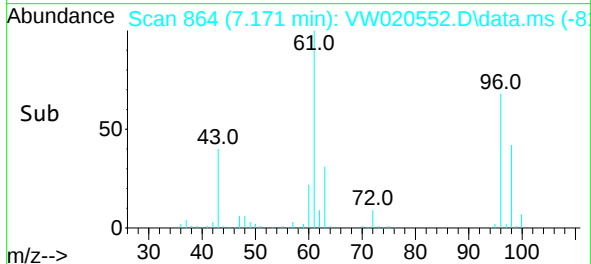
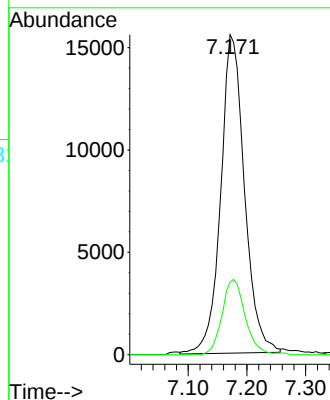
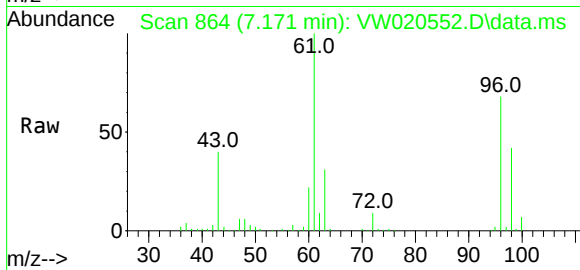




#22
2-Butanone
Concen: 49.988 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

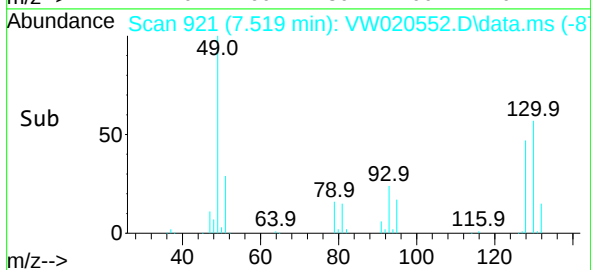
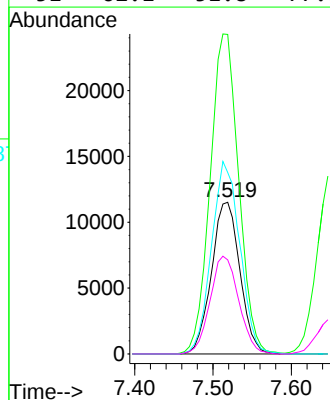
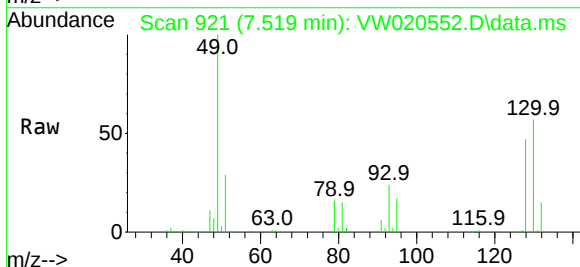
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSRE

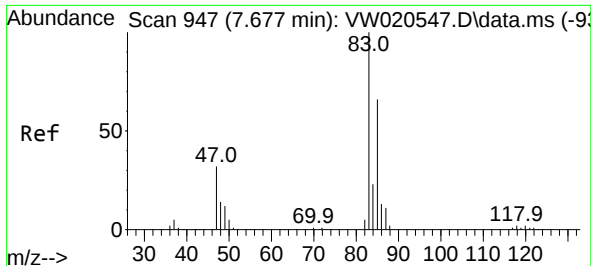
Tgt Ion: 43 Resp: 43759
Ion Ratio Lower Upper
43 100
72 22.8 12.2 36.6



#23
Bromochloromethane
Concen: 25.099 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

Tgt Ion: 128 Resp: 29033
Ion Ratio Lower Upper
128 100
49 210.8 144.1 267.7
130 119.6 89.2 165.6
51 62.1 51.8 77.8

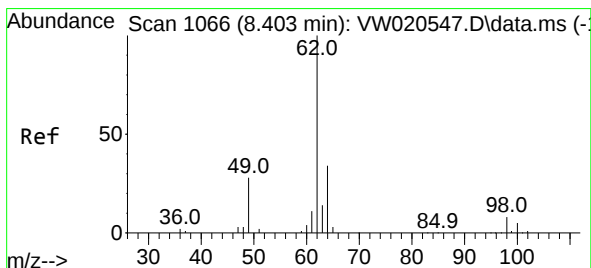
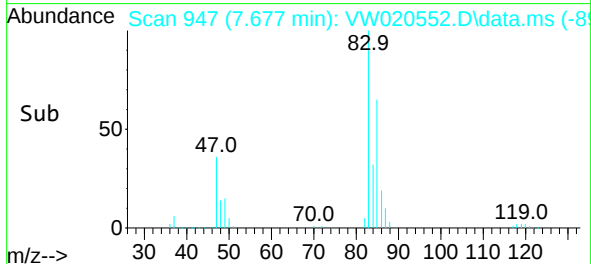
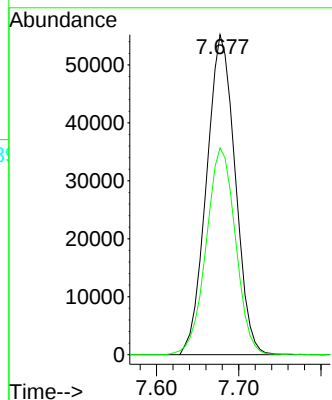
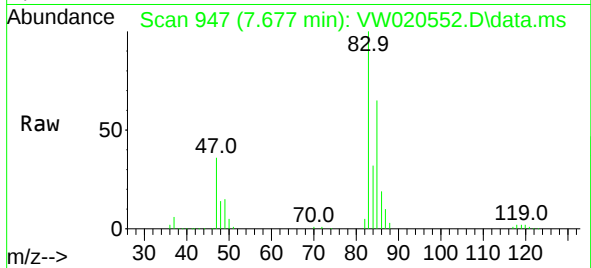




#25
Chloroform
Concen: 26.478 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

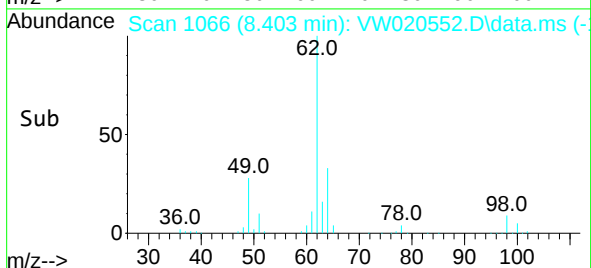
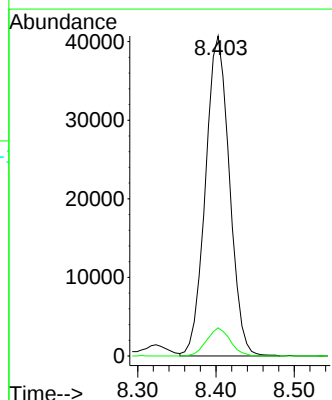
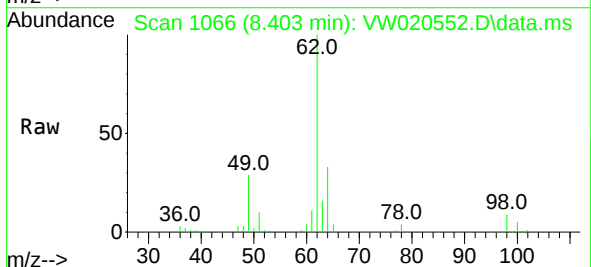
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSRE

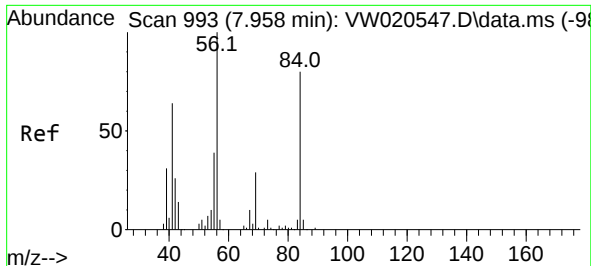
Tgt Ion: 83 Resp: 133896
Ion Ratio Lower Upper
83 100
85 64.6 44.6 82.8



#27
1,2-Dichloroethane
Concen: 25.071 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

Tgt Ion: 62 Resp: 86713
Ion Ratio Lower Upper
62 100
98 8.8 6.6 10.0

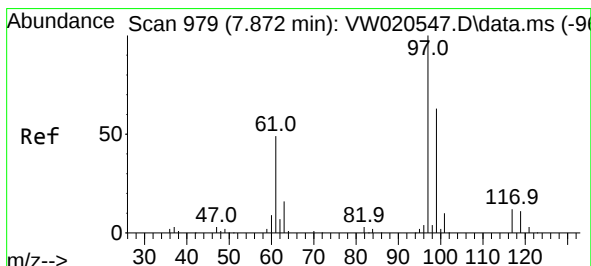
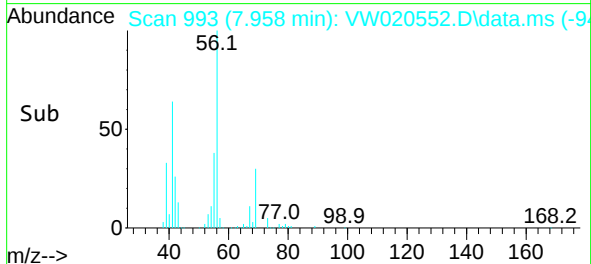
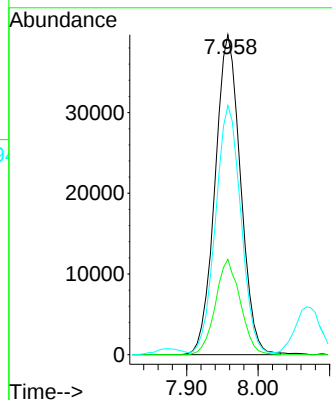
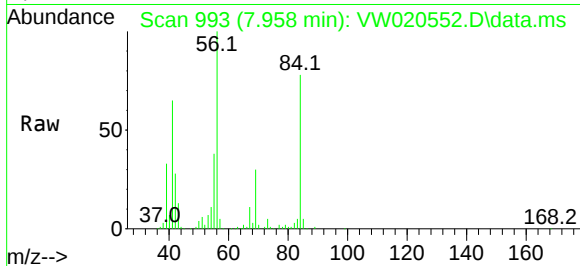




#29
Cyclohexane
Concen: 25.511 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

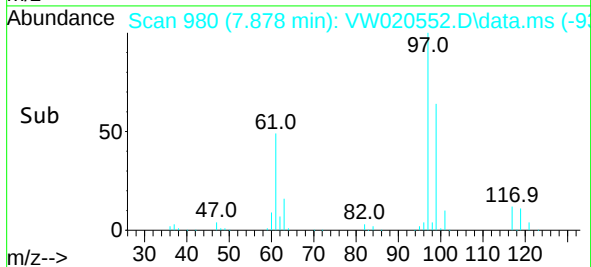
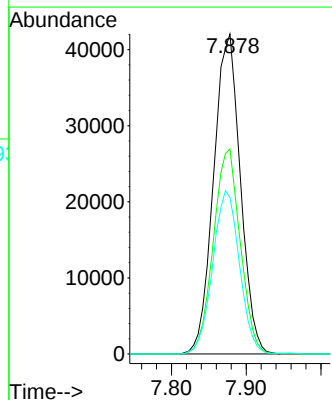
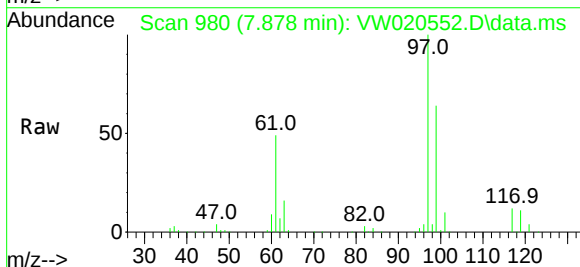
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSRE

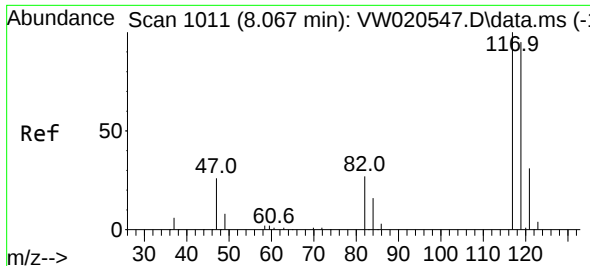
Tgt Ion: 56 Resp: 98036
Ion Ratio Lower Upper
56 100
69 29.1 23.2 34.8
84 78.0 63.7 95.5



#30
1,1,1-Trichloroethane
Concen: 32.157 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

Tgt Ion: 97 Resp: 104859
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 51.1 41.0 61.6

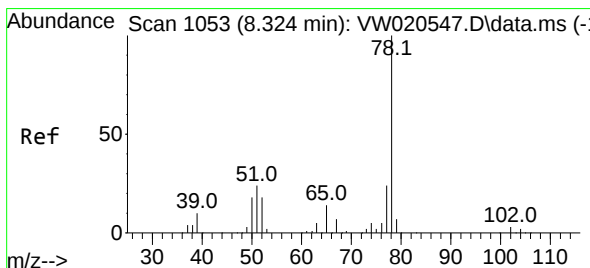
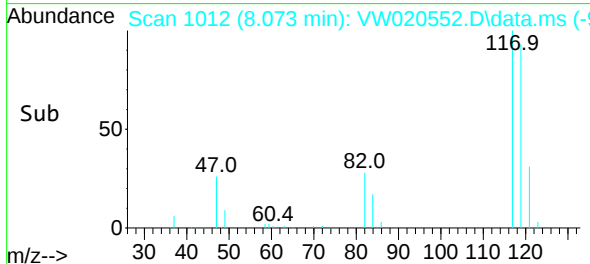
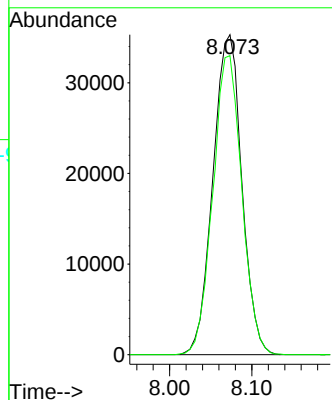
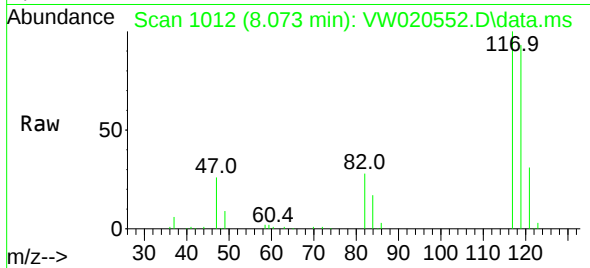




#31
Carbon tetrachloride
Concen: 30.085 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

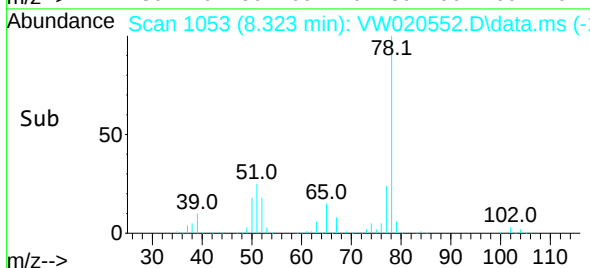
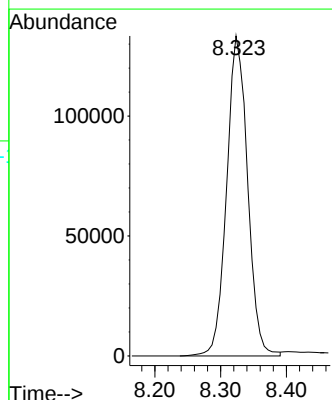
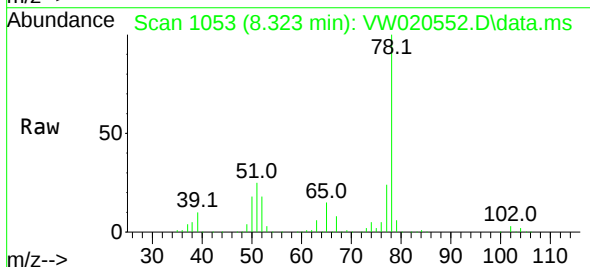
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSRE

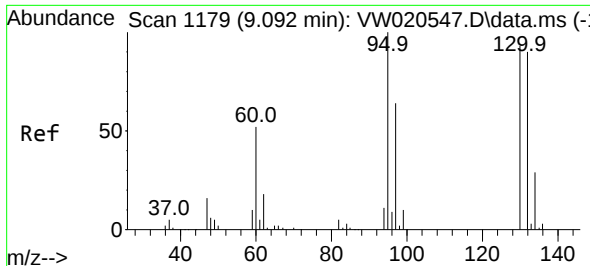
Tgt Ion:117 Resp: 86254
Ion Ratio Lower Upper
117 100
119 93.8 77.0 115.4



#33
Benzene
Concen: 31.624 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

Tgt Ion: 78 Resp: 295665



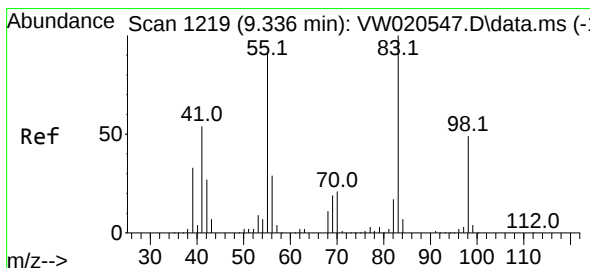
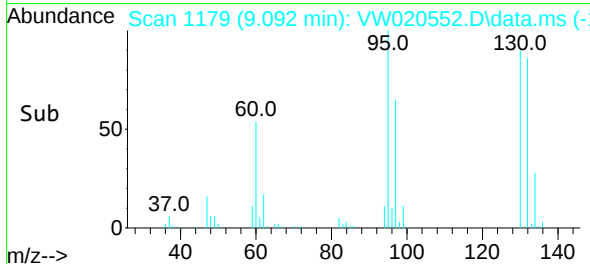
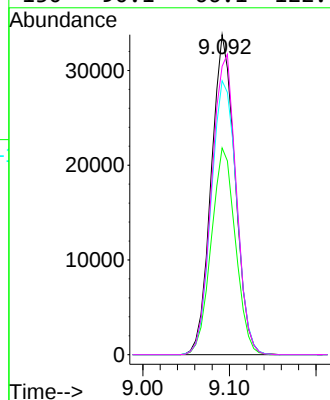
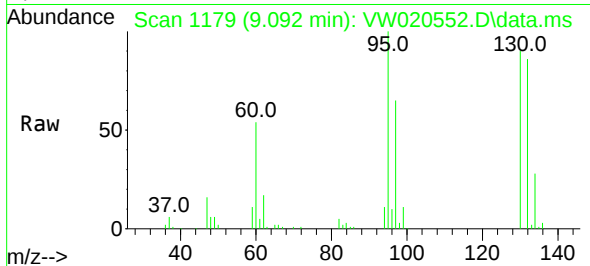


#34
Trichloroethene
Concen: 28.062 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSRE

Tgt Ion: 95 Resp: 64635

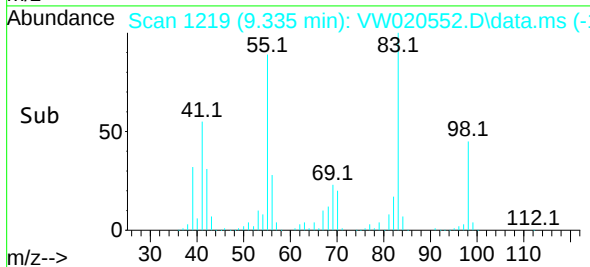
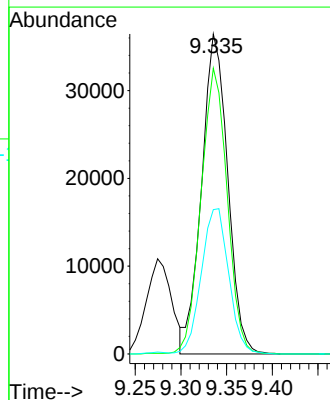
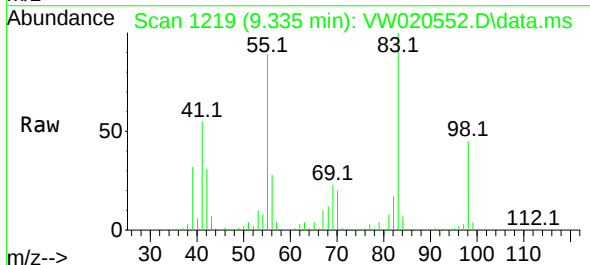
Ion	Ratio	Lower	Upper
95	100		
97	64.6	43.2	80.2
132	85.6	62.3	115.7
130	90.1	66.1	122.7

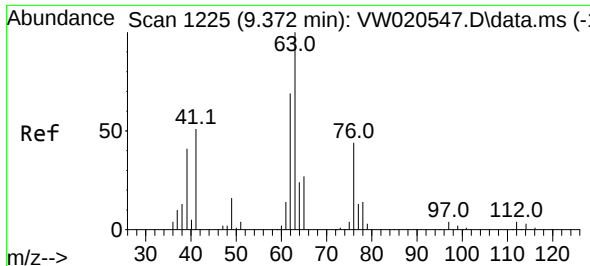


#35
Methylcyclohexane
Concen: 18.355 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

Tgt Ion: 83 Resp: 72348

Ion	Ratio	Lower	Upper
83	100		
55	89.4	69.7	104.5
98	47.7	38.2	57.2





#37

1,2-Dichloropropane

Concen: 30.960 ug/L

RT: 9.372 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020552.D

Acq: 18 Oct 2021 10:54

Instrument :

MSVOA_W

ClientSampleId :

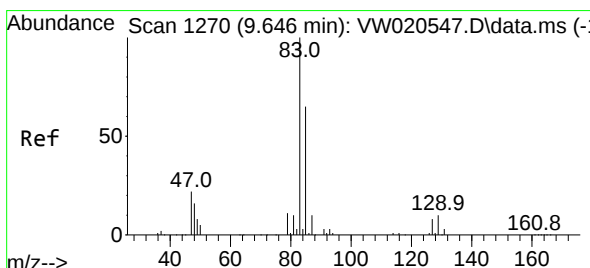
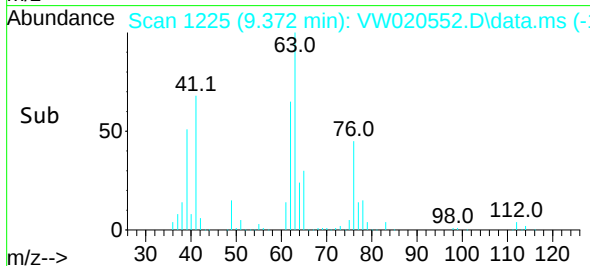
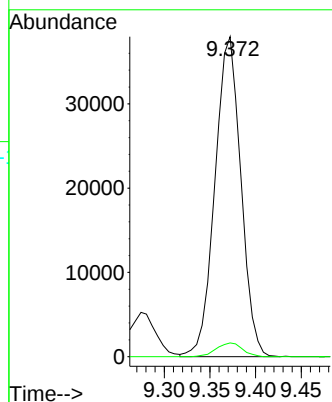
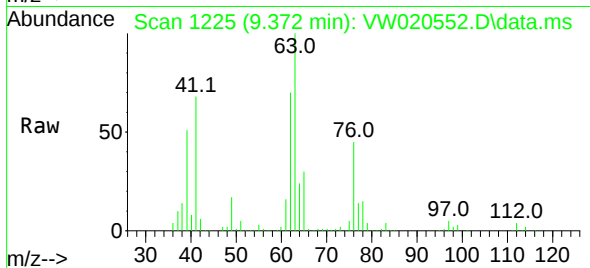
JDGE3MSRE

Tgt Ion: 63 Resp: 74958

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 30.495 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW020552.D

Acq: 18 Oct 2021 10:54

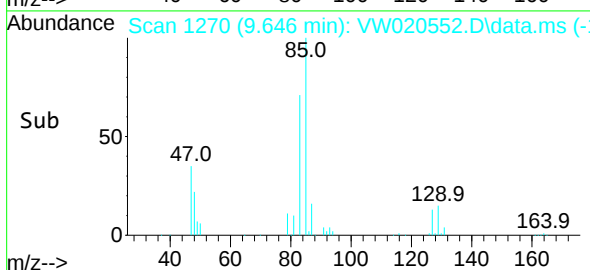
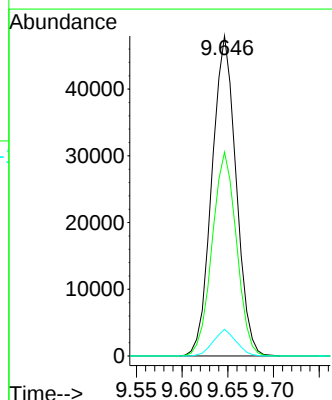
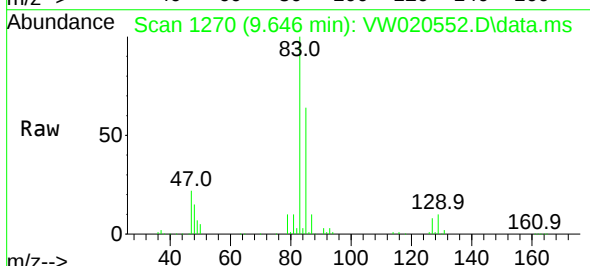
Tgt Ion: 83 Resp: 88523

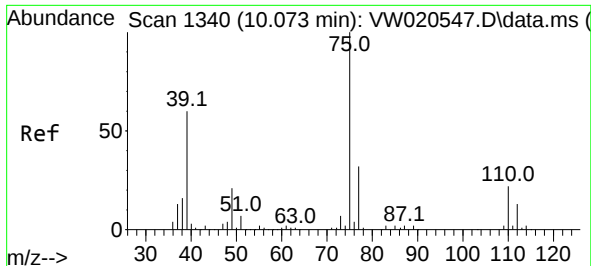
Ion Ratio Lower Upper

83 100

85 63.7 43.4 80.6

127 8.3 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 28.961 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW020552.D

Acq: 18 Oct 2021 10:54

Instrument :

MSVOA_W

ClientSampleId :

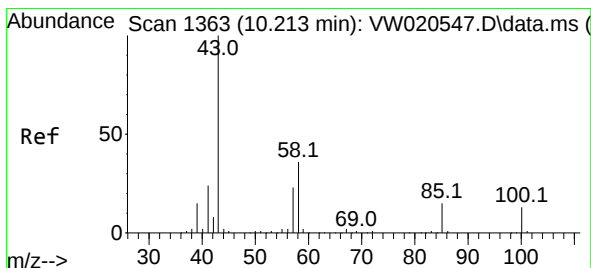
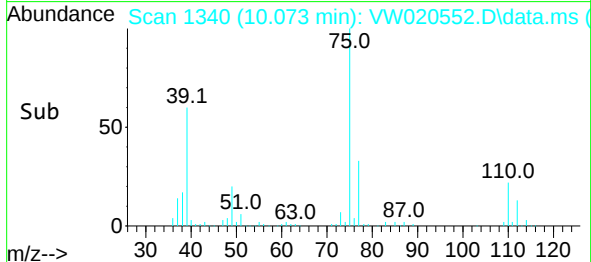
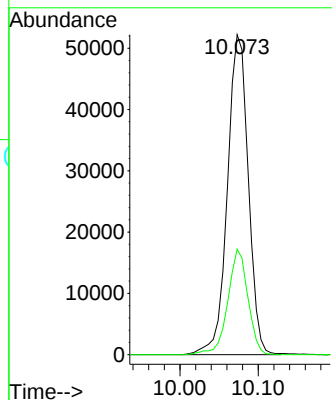
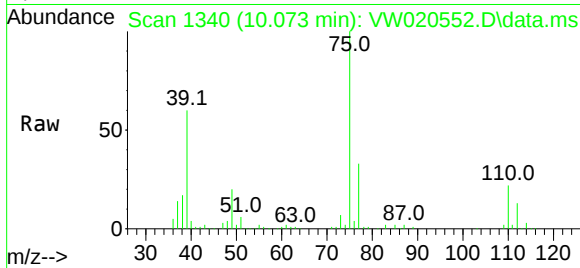
JDGE3MSRE

Tgt Ion: 75 Resp: 96742

Ion Ratio Lower Upper

75 100

77 32.9 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 58.789 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VW020552.D

Acq: 18 Oct 2021 10:54

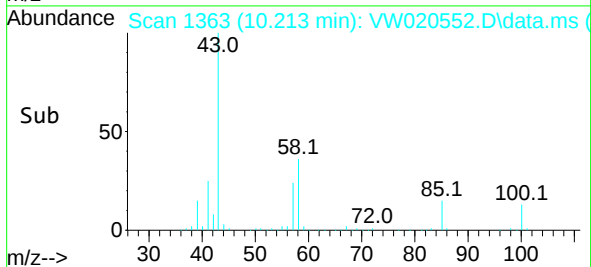
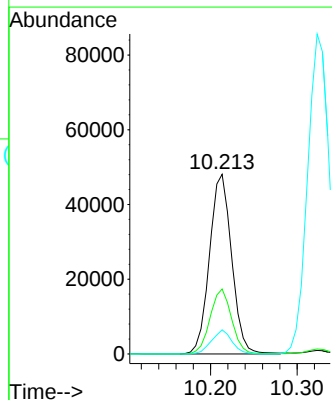
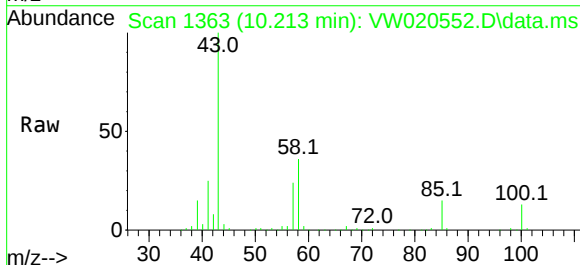
Tgt Ion: 43 Resp: 85430

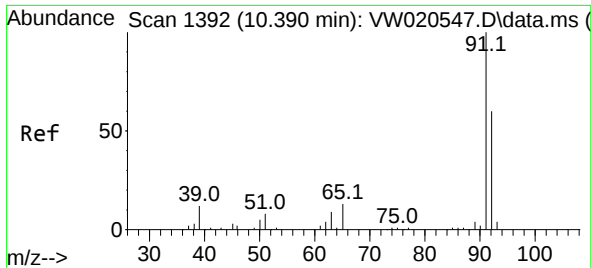
Ion Ratio Lower Upper

43 100

58 35.2 29.0 43.4

100 12.3 10.2 15.4

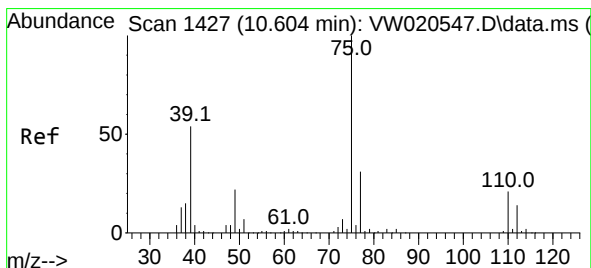
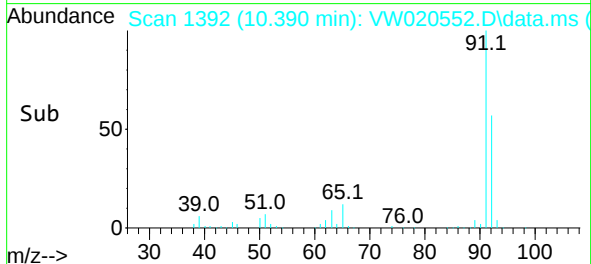
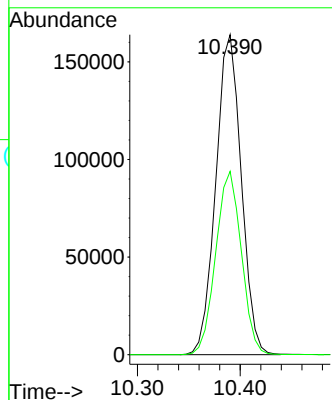
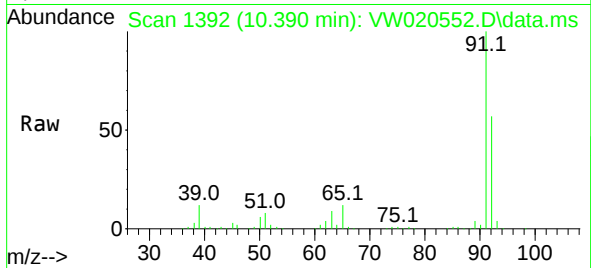




#42
Toluene
Concen: 30.085 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

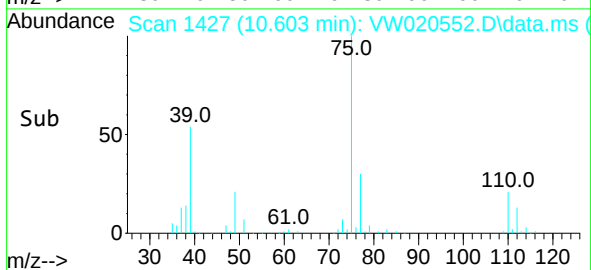
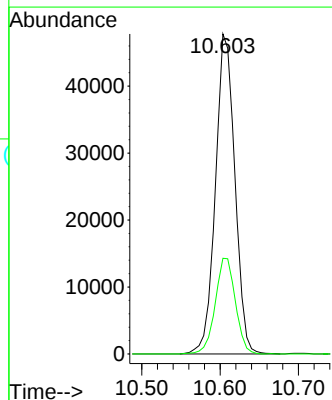
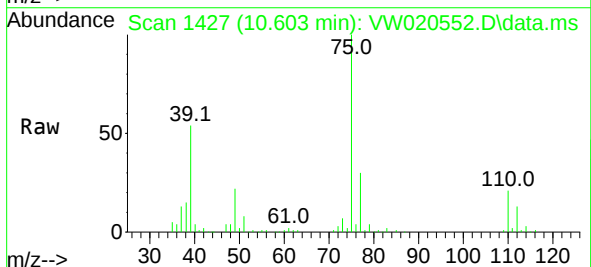
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSRE

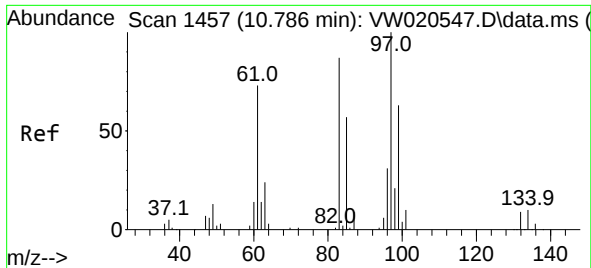
Tgt Ion: 91 Resp: 282132
Ion Ratio Lower Upper
91 100
92 57.3 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 28.004 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

Tgt Ion: 75 Resp: 82465
Ion Ratio Lower Upper
75 100
77 29.9 21.8 40.4

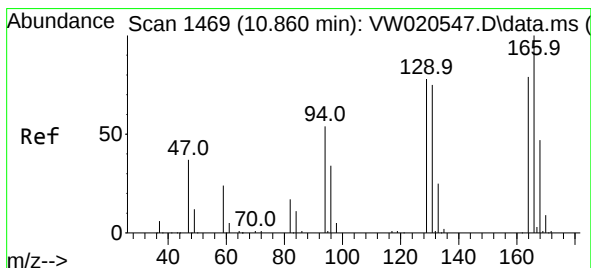
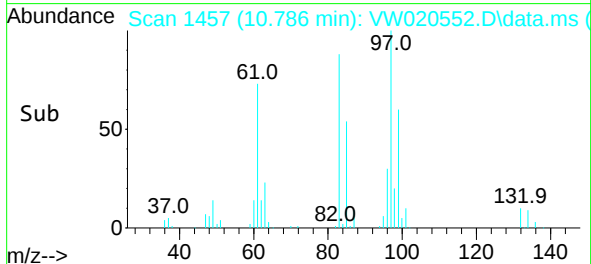
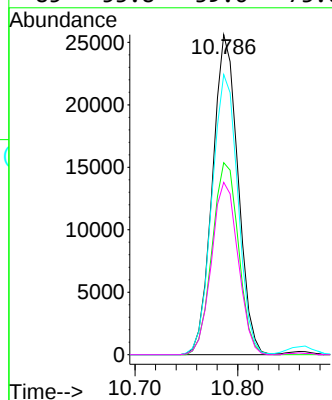
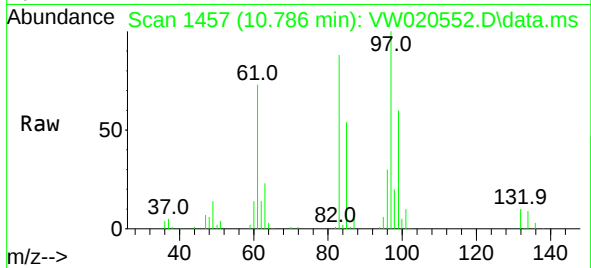




#45
1,1,2-Trichloroethane
Concen: 28.387 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

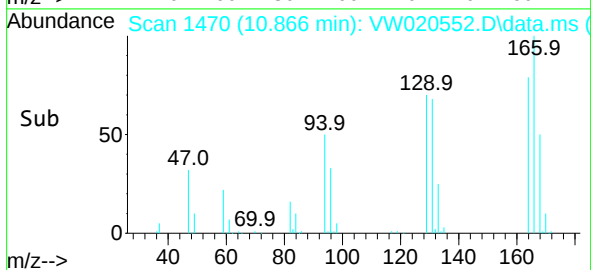
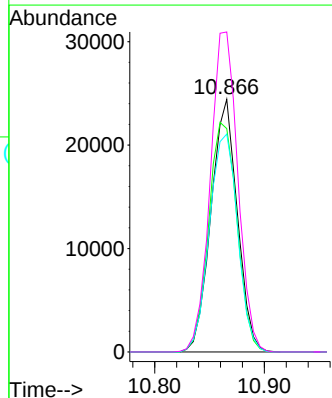
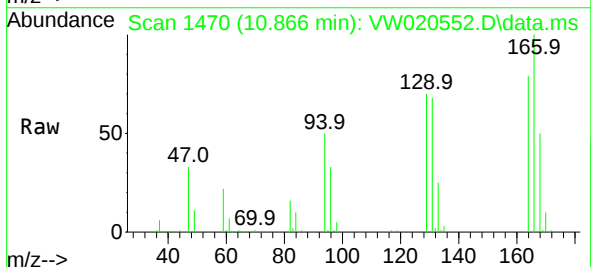
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSRE

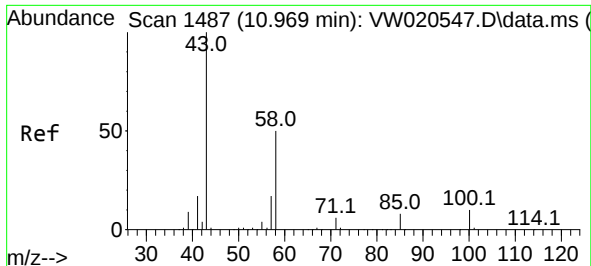
Tgt Ion:	97	Resp:	44128
Ion	Ratio	Lower	Upper
97	100		
99	60.0	42.8	79.4
83	87.6	60.9	113.1
85	53.8	39.6	73.6



#46
Tetrachloroethene
Concen: 24.628 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

Tgt Ion:	164	Resp:	40745
Ion	Ratio	Lower	Upper
164	100		
129	88.4	69.1	128.3
131	86.2	58.3	108.3
166	126.6	90.4	168.0

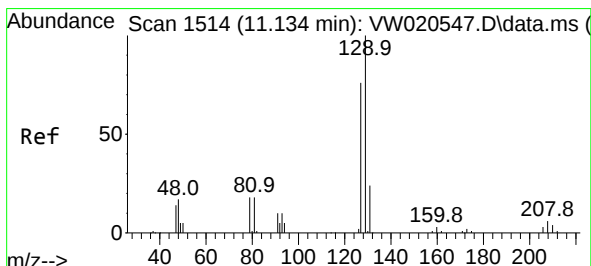
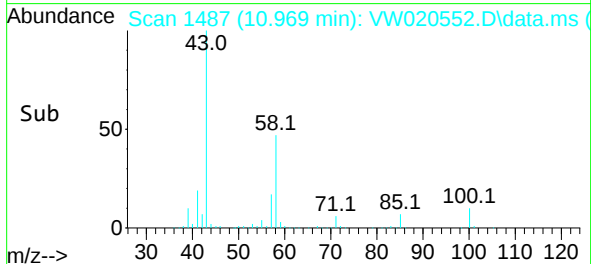
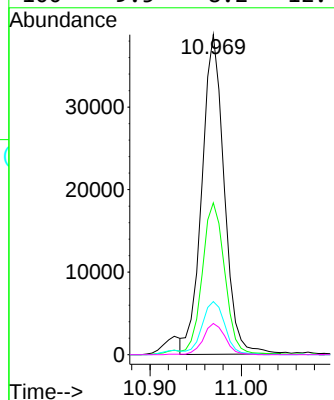
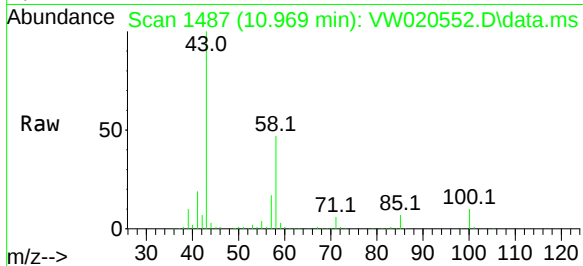




#48
2-Hexanone
Concen: 61.580 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

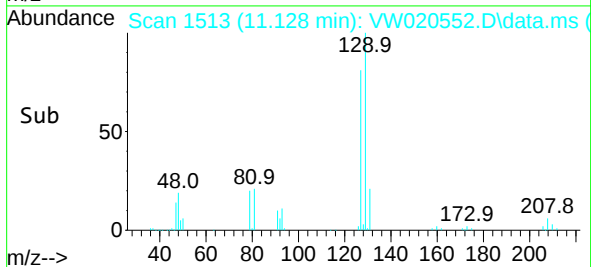
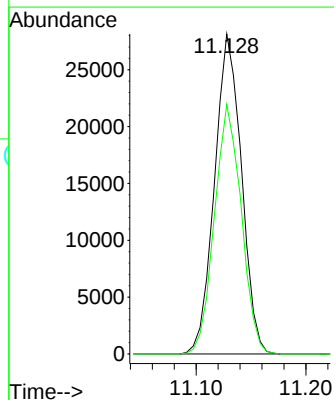
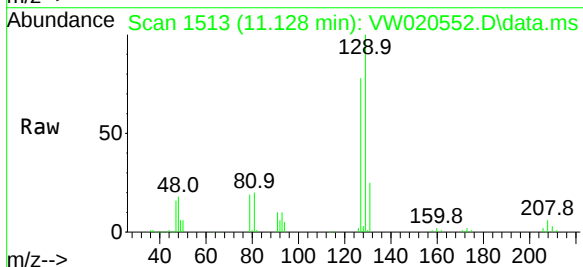
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSRE

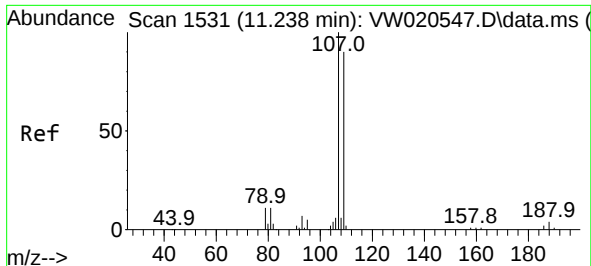
Tgt Ion: 43 Resp: 65655
Ion Ratio Lower Upper
43 100
58 48.1 39.5 59.3
57 16.9 14.2 21.4
100 9.5 8.2 12.4



#49
Dibromochloromethane
Concen: 28.045 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

Tgt Ion: 129 Resp: 48031
Ion Ratio Lower Upper
129 100
127 78.0 55.1 102.3

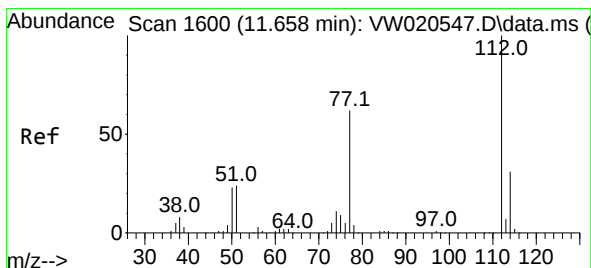
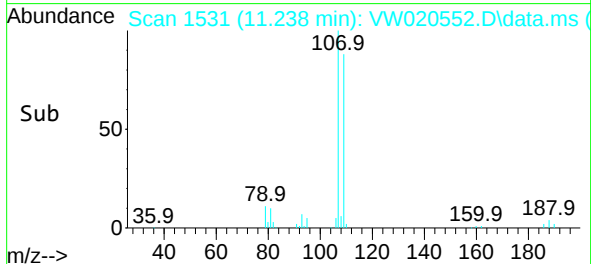
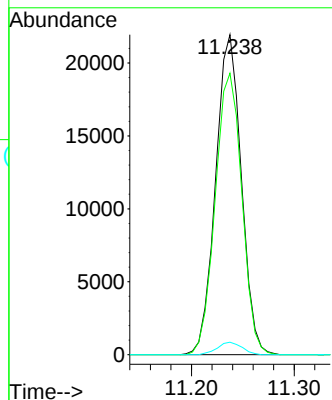
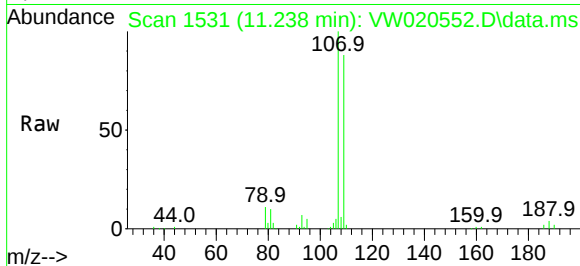




#50
1,2-Dibromoethane
Concen: 26.678 ug/L
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

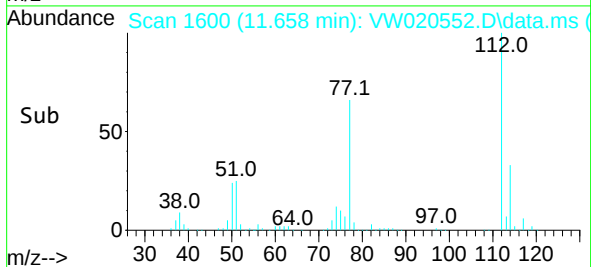
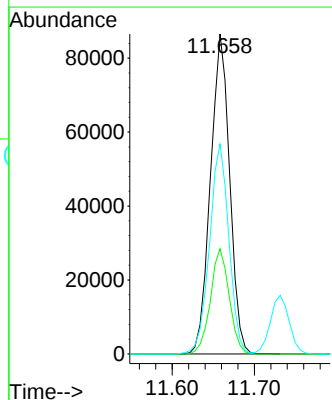
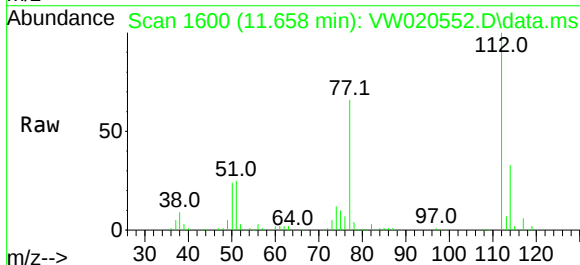
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSRE

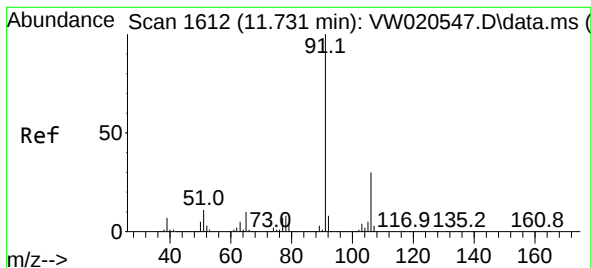
Tgt Ion:107 Resp: 38094
Ion Ratio Lower Upper
107 100
109 87.9 64.5 119.9
188 3.9 3.2 4.8



#51
Chlorobenzene
Concen: 24.258 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

Tgt Ion:112 Resp: 140281
Ion Ratio Lower Upper
112 100
114 32.9 22.3 41.5
77 65.6 50.7 76.1

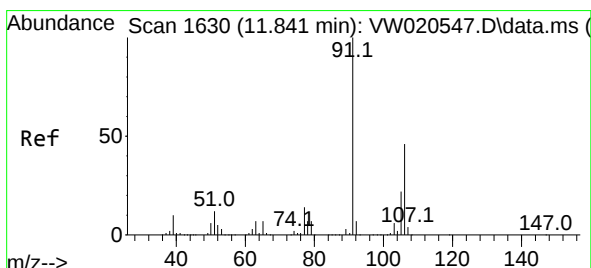
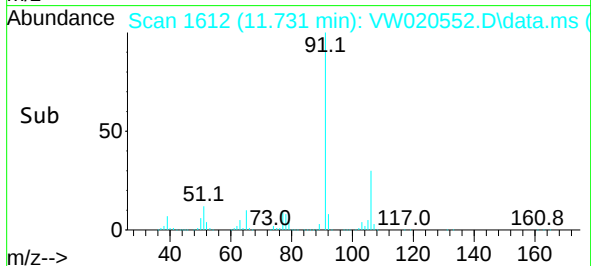
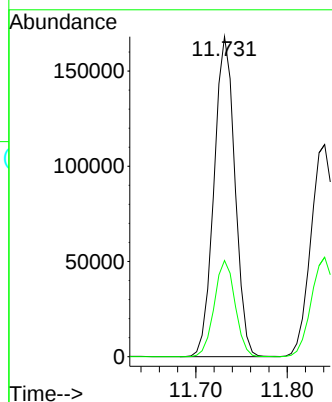
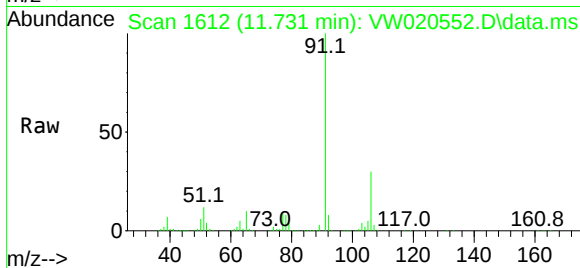




#52
Ethylbenzene
Concen: 26.234 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

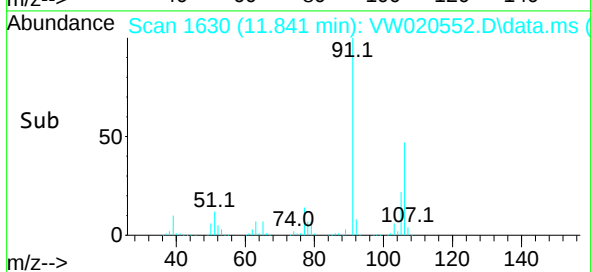
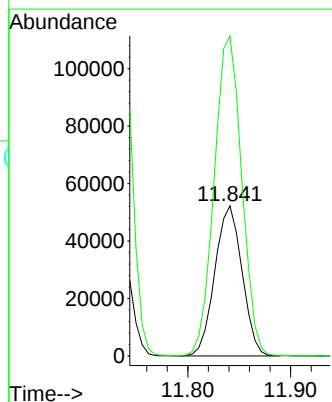
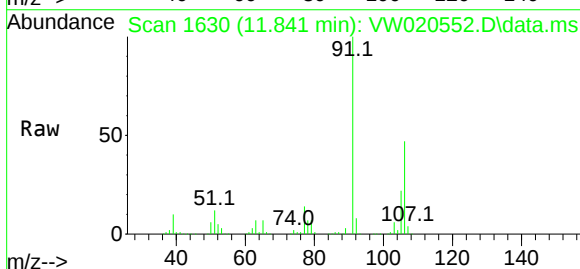
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSRE

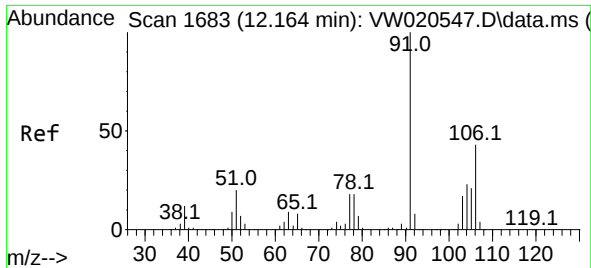
Tgt Ion: 91 Resp: 266776
Ion Ratio Lower Upper
91 100
106 30.1 21.3 39.5



#53
m,p-Xylene
Concen: 25.518 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

Tgt Ion: 106 Resp: 96148
Ion Ratio Lower Upper
106 100
91 213.2 148.2 275.2

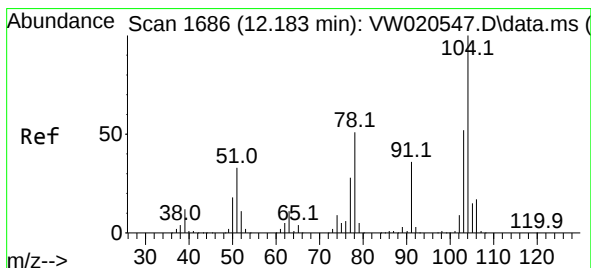
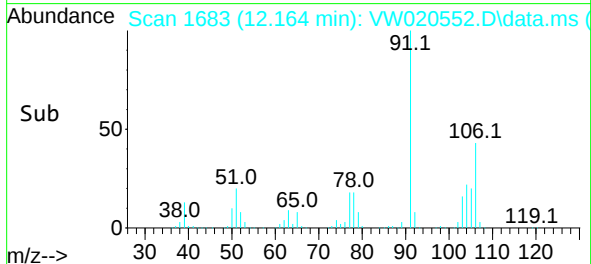
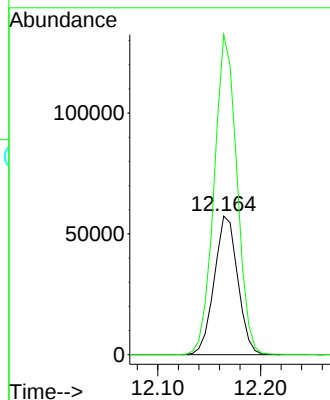
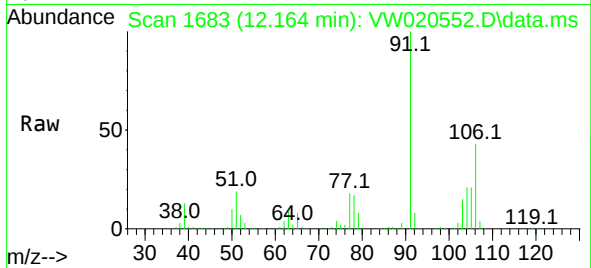




#54
o-Xylene
Concen: 26.130 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

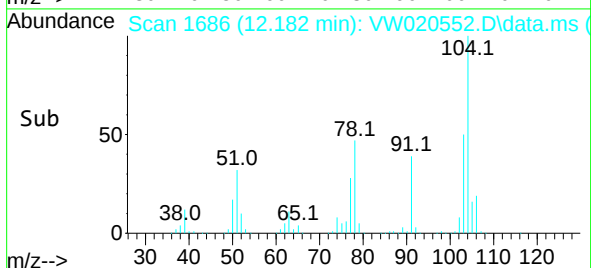
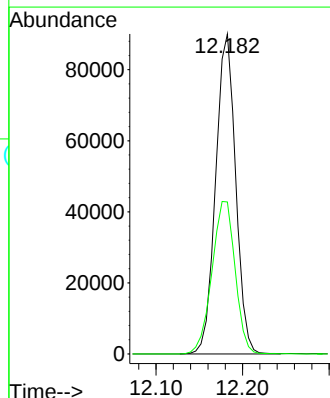
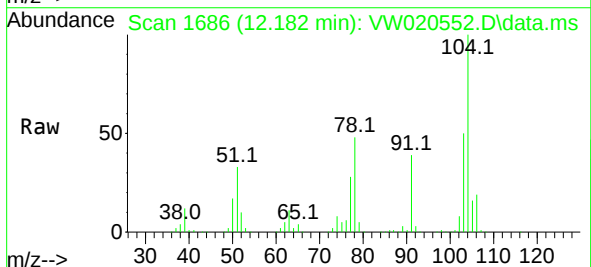
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSRE

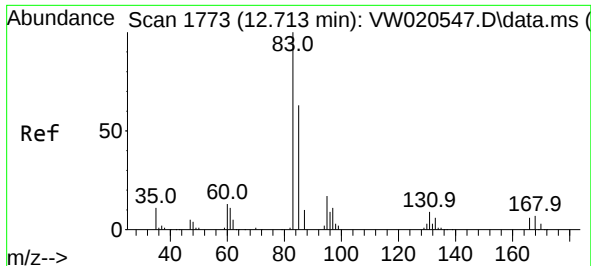
Tgt Ion:106 Resp: 90925
Ion Ratio Lower Upper
106 100
91 230.9 156.1 289.9



#55
Styrene
Concen: 23.751 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

Tgt Ion:104 Resp: 144504
Ion Ratio Lower Upper
104 100
78 47.5 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 23.672 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020552.D

Acq: 18 Oct 2021 10:54

Instrument :

MSVOA_W

ClientSampleId :

JDGE3MSRE

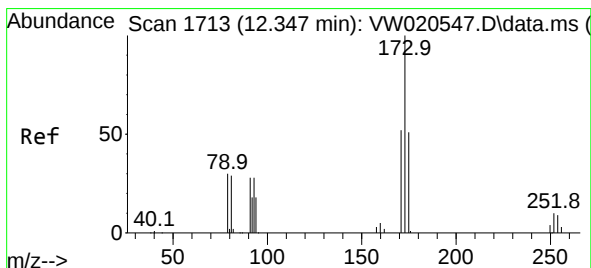
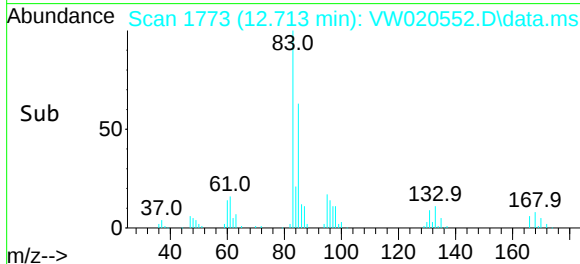
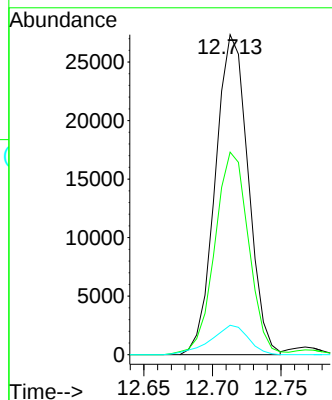
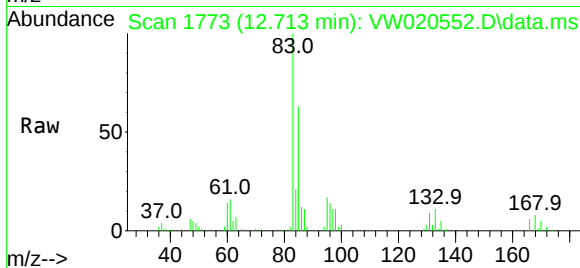
Tgt Ion: 83 Resp: 45618

Ion Ratio Lower Upper

83 100

85 63.3 45.9 85.3

131 9.2 7.4 11.2



#59

Bromoform

Concen: 35.953 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.006 min

Lab File: VW020552.D

Acq: 18 Oct 2021 10:54

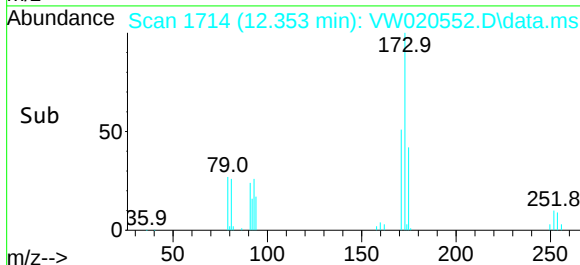
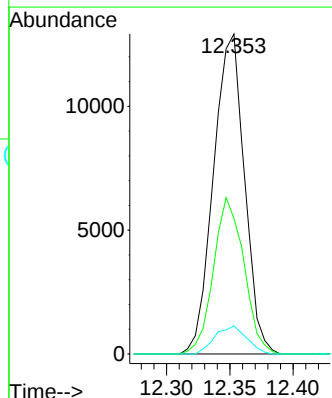
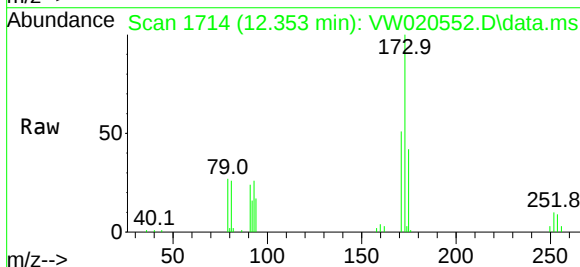
Tgt Ion:173 Resp: 22001

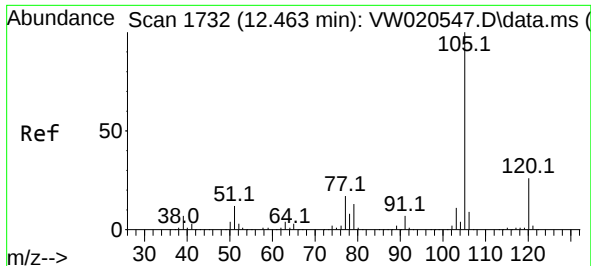
Ion Ratio Lower Upper

173 100

175 47.9 38.6 57.8

254 8.9 7.3 10.9

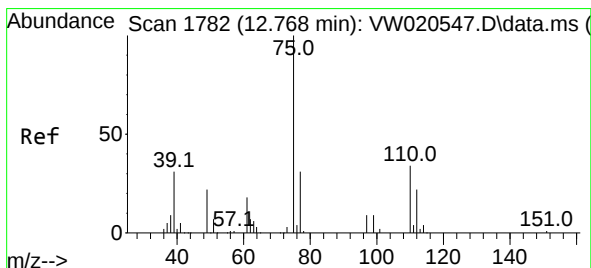
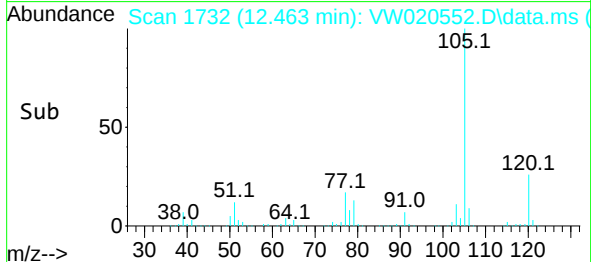
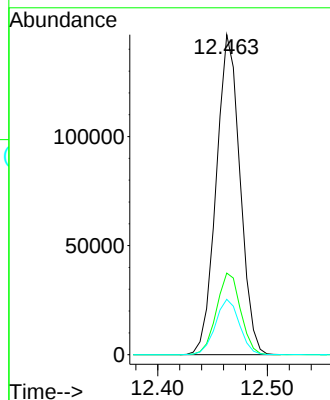
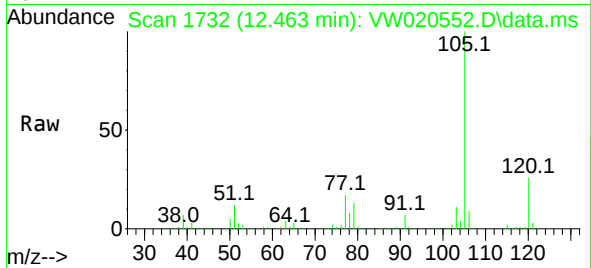




#60
Isopropylbenzene
Concen: 34.554 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

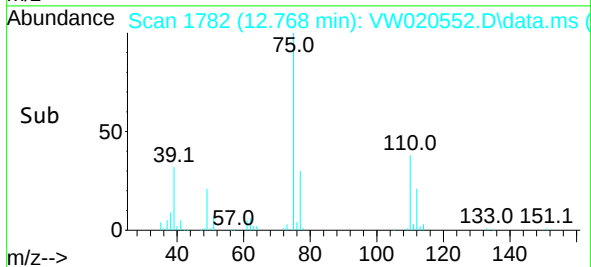
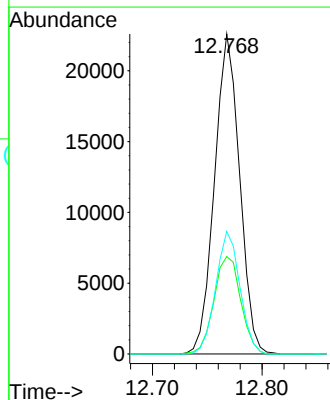
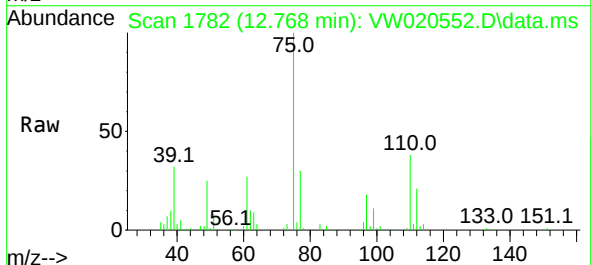
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSRE

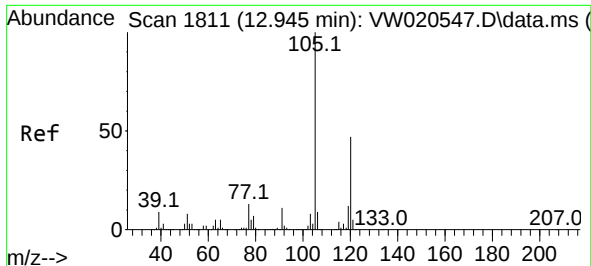
Tgt Ion:105 Resp: 221538
Ion Ratio Lower Upper
105 100
120 25.8 20.3 30.5
77 17.5 13.8 20.6



#61
1,2,3-Trichloropropane
Concen: 37.292 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

Tgt Ion: 75 Resp: 35887
Ion Ratio Lower Upper
75 100
77 32.6 25.1 37.7
110 37.1 29.4 44.0

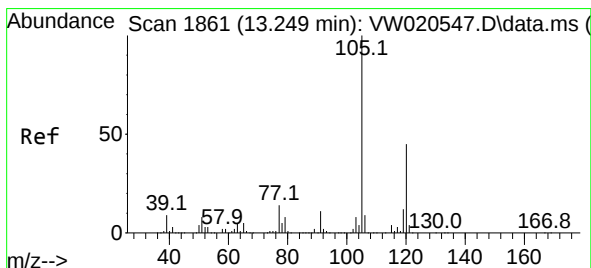
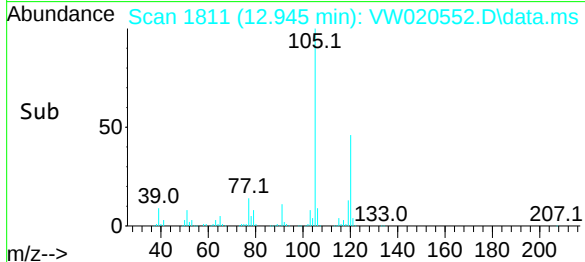
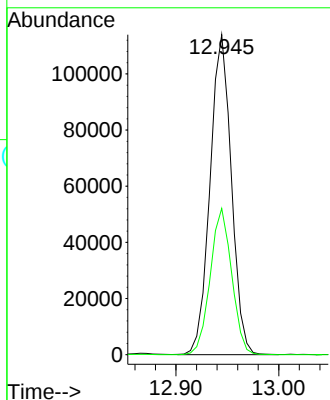
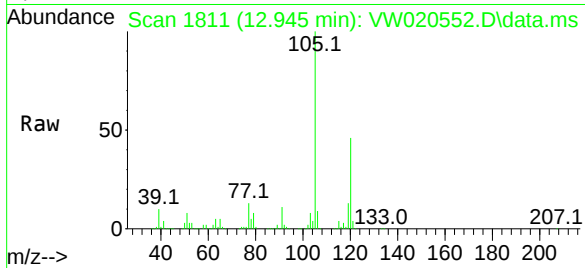




#62
1,3,5-Trimethylbenzene
Concen: 31.307 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

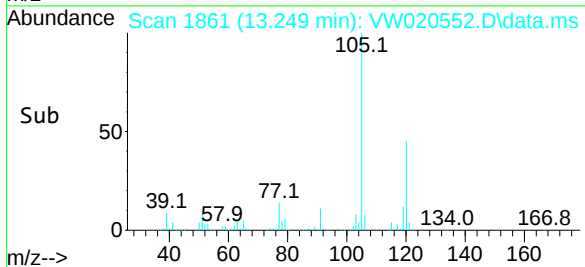
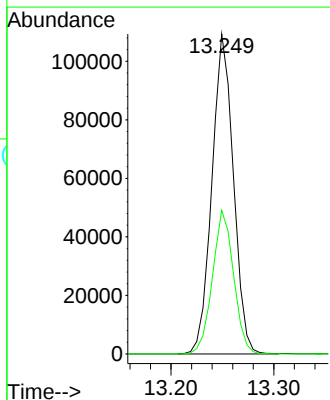
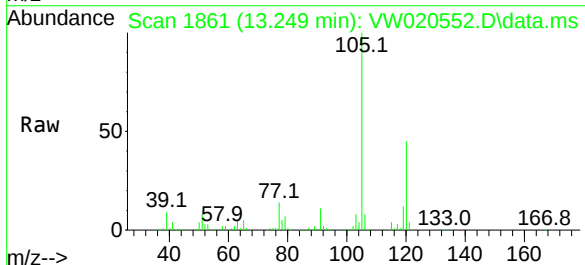
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSRE

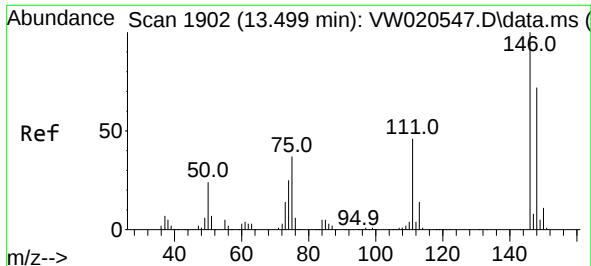
Tgt Ion:105 Resp: 163883
Ion Ratio Lower Upper
105 100
120 46.0 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 30.566 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

Tgt Ion:105 Resp: 158489
Ion Ratio Lower Upper
105 100
120 44.2 35.4 53.2

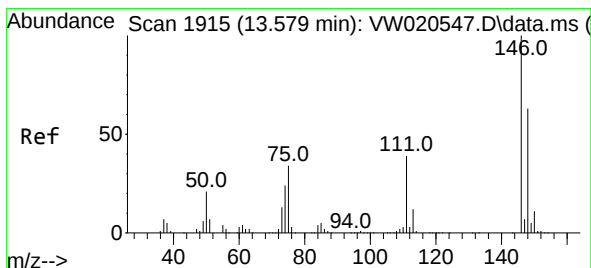
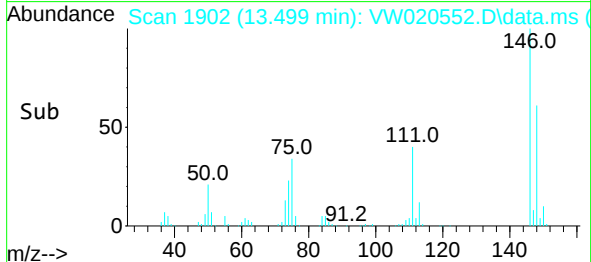
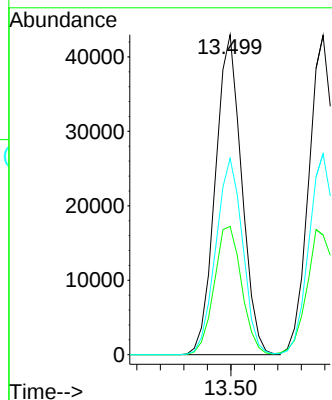
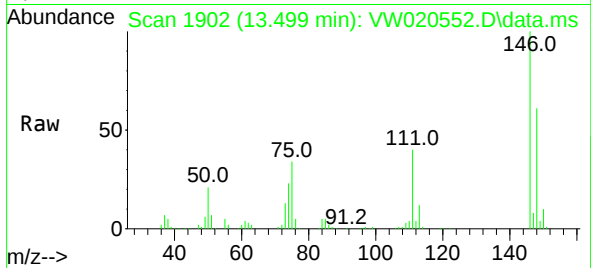




#64
1,3-Dichlorobenzene
Concen: 24.158 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

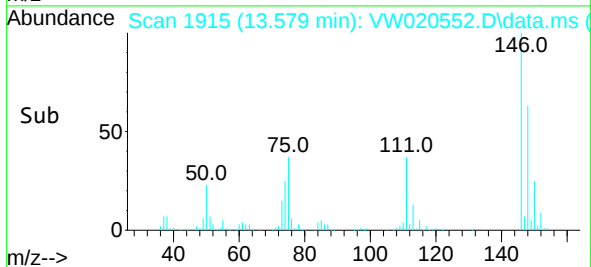
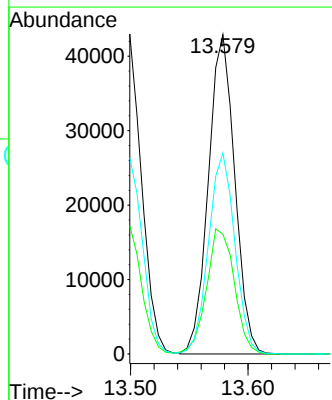
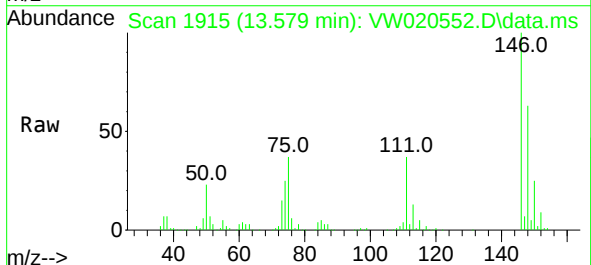
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSRE

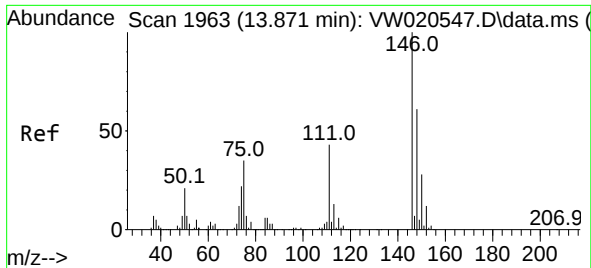
Tgt Ion:146 Resp: 67015
Ion Ratio Lower Upper
146 100
111 40.1 29.0 53.8
148 61.4 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 23.344 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

Tgt Ion:146 Resp: 66982
Ion Ratio Lower Upper
146 100
111 37.5 30.9 57.5
148 62.9 46.1 85.7

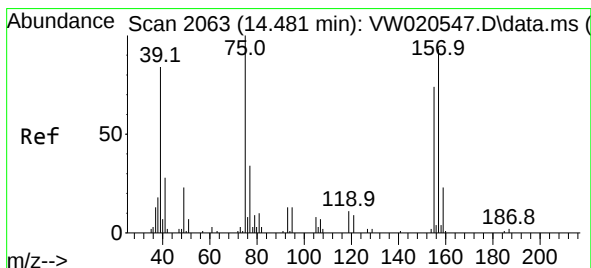
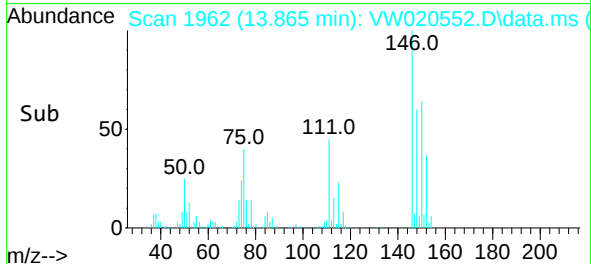
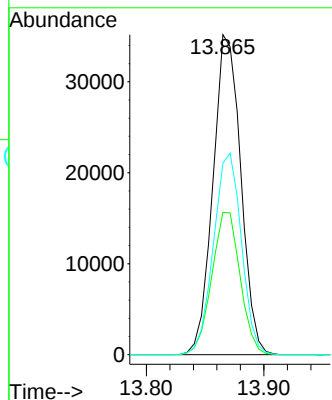
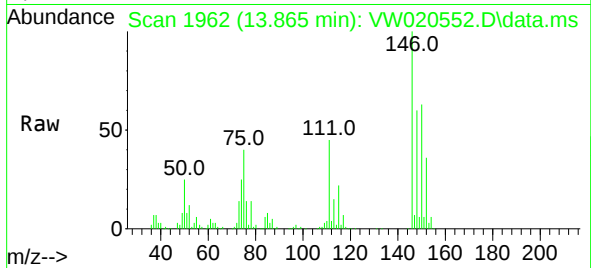




#67
1,2-Dichlorobenzene
Concen: 22.791 ug/L
RT: 13.865 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

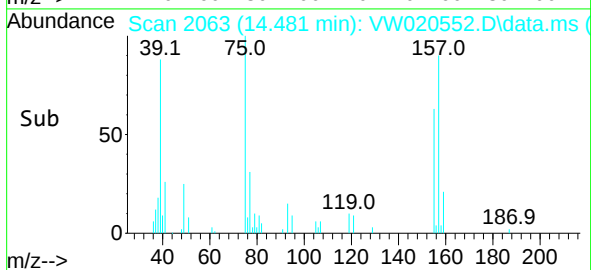
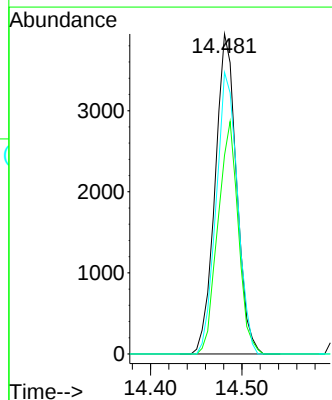
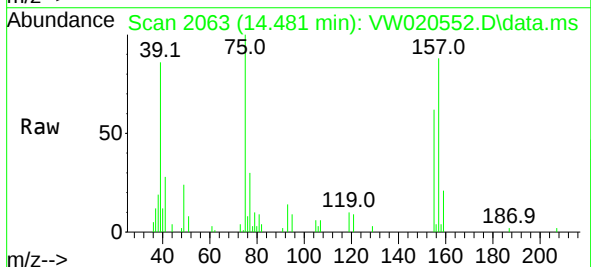
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSRE

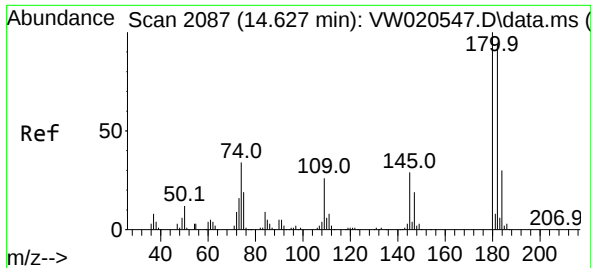
Tgt Ion:146 Resp: 57924
Ion Ratio Lower Upper
146 100
111 44.5 33.9 50.9
148 59.8 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 31.510 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

Tgt Ion: 75 Resp: 6441
Ion Ratio Lower Upper
75 100
155 62.1 51.4 77.0
157 88.0 70.8 106.2

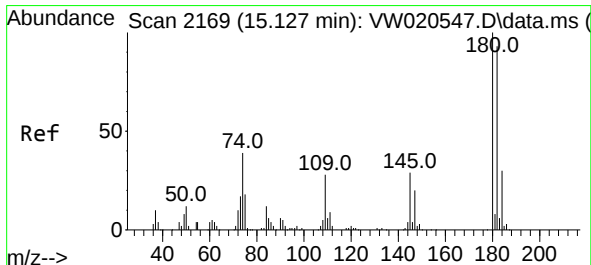
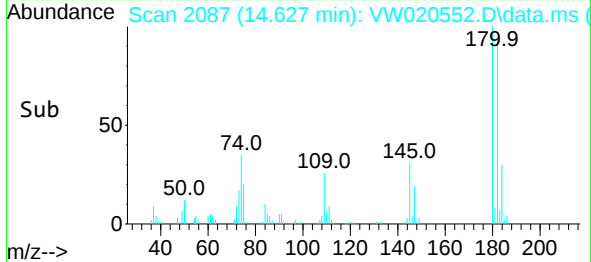
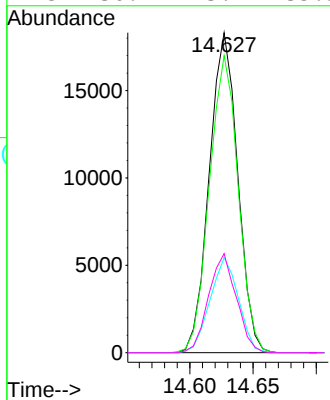
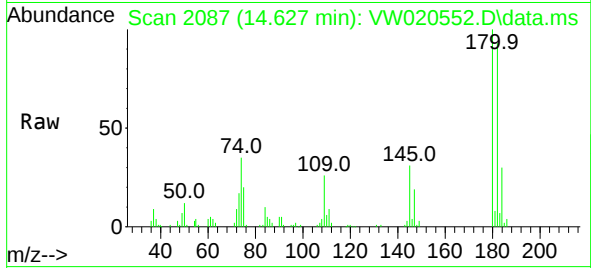




#69
 1,3,5-Trichlorobenzene
 Concen: 14.454 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW020552.D
 Acq: 18 Oct 2021 10:54

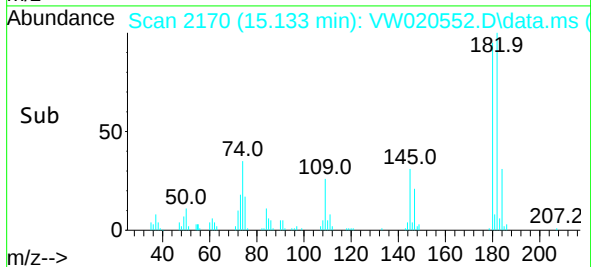
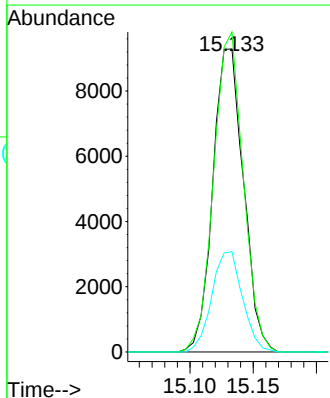
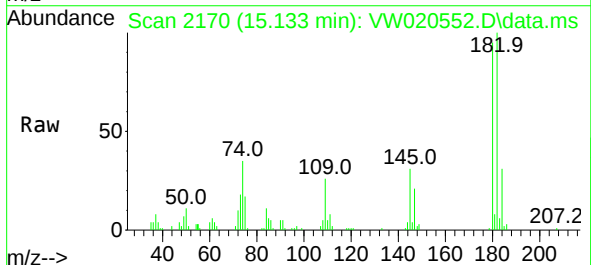
Instrument :
 MSVOA_W
 ClientSampleId :
 JDGE3MSRE

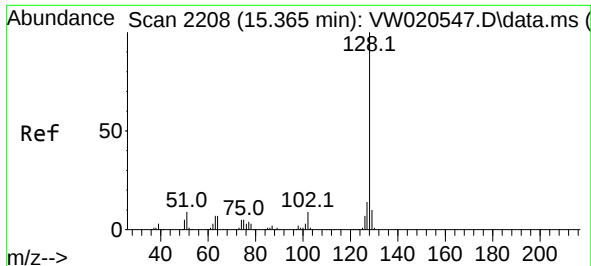
Tgt Ion:180	Resp:	28591
Ion Ratio	Lower	Upper
180	100	
182	94.2	73.4 110.0
184	29.7	24.2 36.4
145	30.2	23.7 35.5



#70
 1,2,4-trichlorobenzene
 Concen: 9.995 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW020552.D
 Acq: 18 Oct 2021 10:54

Tgt Ion:180	Resp:	15655
Ion Ratio	Lower	Upper
180	100	
182	101.9	75.8 113.8
145	33.2	24.8 37.2

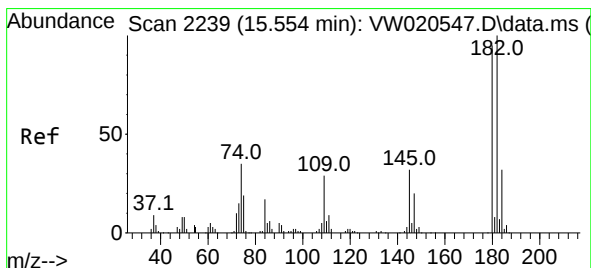
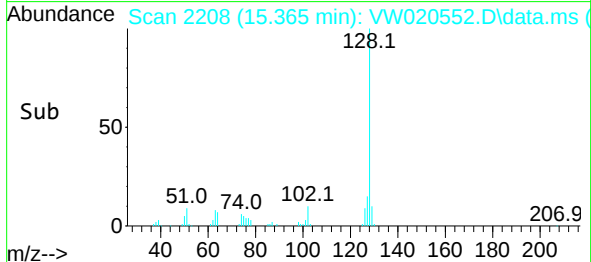
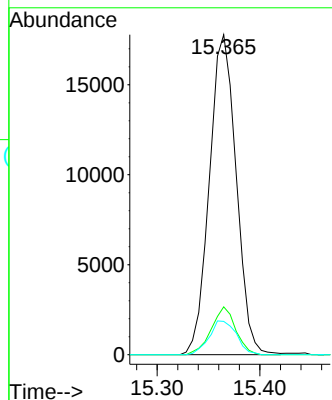
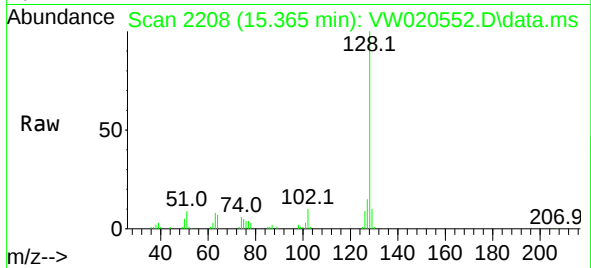




#71
Naphthalene
Concen: 11.443 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSRE

Tgt Ion:128 Resp: 32225
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 9.629 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW020552.D
Acq: 18 Oct 2021 10:54

Tgt Ion:180 Resp: 13247
Ion Ratio Lower Upper
180 100
182 96.1 74.8 112.2
145 34.2 26.2 39.4

