

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120721\
 Data File : VW021195.D
 Acq On : 07 Dec 2021 09:32
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 08 02:34:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 07 07:23:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	115986	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	109780	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	64954	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	36857	22.808	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.240%
7) Chloroethane-d5	2.885	69	26676	24.659	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.640%
11) 1,1-Dichloroethene-d2	4.019	63	61275	23.735	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.960%
21) 2-Butanone-d5	7.080	46	11510	31.226	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.460%
24) Chloroform-d	7.647	84	64305	22.138	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.560%
26) 1,2-Dichloroethane-d4	8.305	65	32202	20.264	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.040%
32) Benzene-d6	8.275	84	119292	21.252	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	9.275	67	32373	20.753	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.000%
41) Toluene-d8	10.323	98	122131	21.220	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.880%
43) trans-1,3-Dichloroprop...	10.579	79	14239	20.103	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.400%
47) 2-Hexanone-d5	10.921	63	9757	32.693	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.380%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	27763	19.238	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	50575	21.731	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.920%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	12506	22.074	ug/L	93
3) Chloromethane	2.215	50	35334	27.859	ug/L	97
5) Vinyl chloride	2.361	62	59109	26.827	ug/L	99
6) Bromomethane	2.782	94	37878	25.855	ug/L	99
8) Chloroethane	2.922	64	26974	29.375	ug/L	100
9) Trichlorofluoromethane	3.263	101	33442	31.434	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	41554	24.954	ug/L	90
12) 1,1-Dichloroethene	4.044	96	37800	25.108	ug/L	69
13) Acetone	4.141	43	10641	31.692	ug/L	95
14) Carbon disulfide	4.385	76	105228	25.181	ug/L	100
15) Methyl Acetate	4.672	43	11893	19.535	ug/L	# 89
16) Methylene chloride	4.916	84	37195	20.355	ug/L	83
17) trans-1,2-Dichloroethene	5.428	96	40298	25.140	ug/L	80
18) Methyl tert-butyl Ether	5.428	73	53921	22.287	ug/L	93
19) 1,1-Dichloroethane	6.214	63	63212	24.869	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	41800	24.580	ug/L	73
22) 2-Butanone	7.177	43	14655	31.540	ug/L	82
23) Bromochloromethane	7.519	128	19115	24.023	ug/L	# 65
25) Chloroform	7.671	83	72160	25.291	ug/L	98

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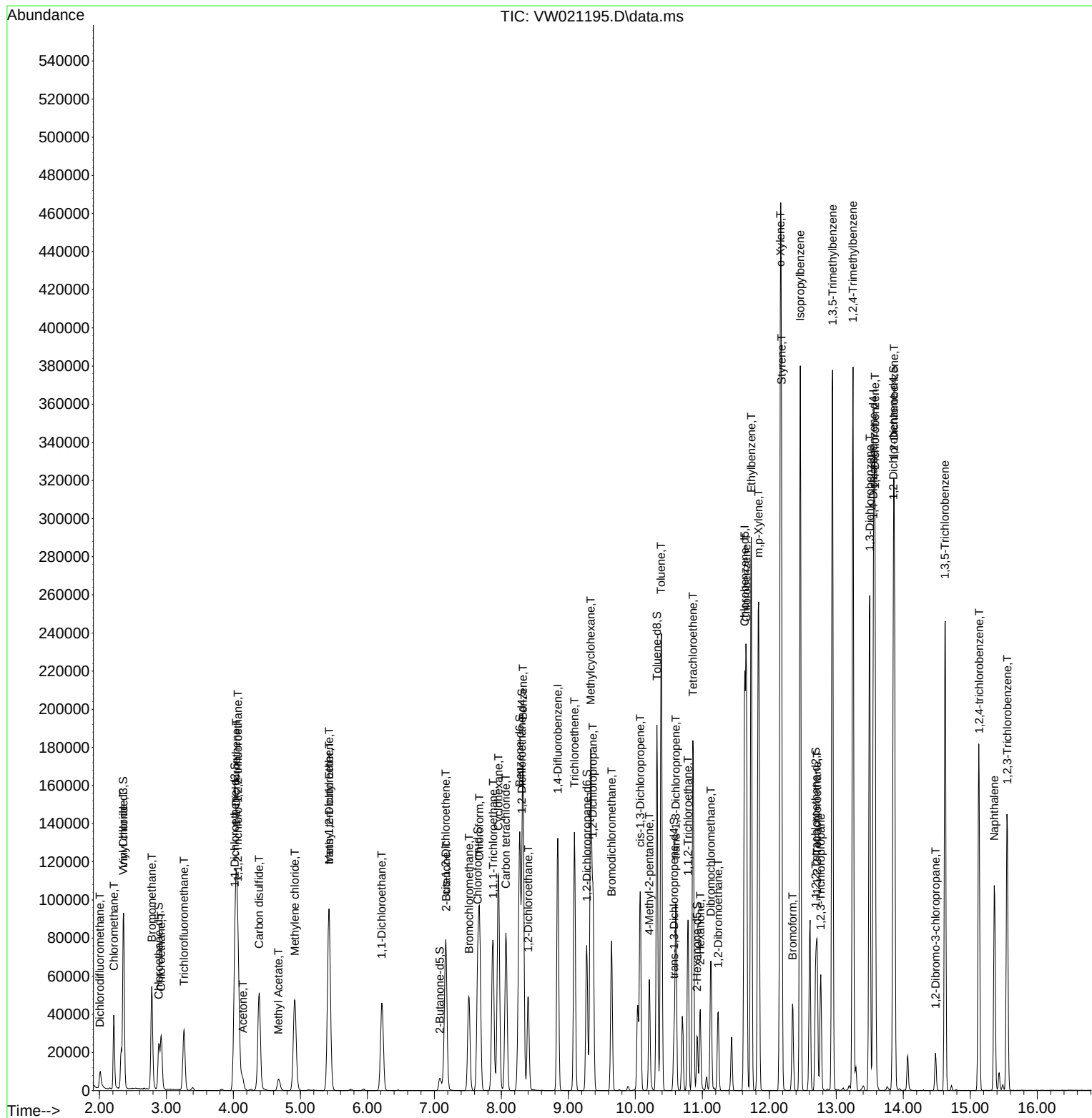
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	44410	23.794	ug/L	96
29) Cyclohexane	7.958	56	58885	24.314	ug/L #	82
30) 1,1,1-Trichloroethane	7.878	97	64660	25.261	ug/L	95
31) Carbon tetrachloride	8.067	117	60778	25.553	ug/L	96
33) Benzene	8.323	78	150723	24.143	ug/L	100
34) Trichloroethene	9.092	95	42692	24.788	ug/L	86
35) Methylcyclohexane	9.335	83	71947	24.818	ug/L	85
37) 1,2-Dichloropropane	9.366	63	34084	24.156	ug/L #	96
38) Bromodichloromethane	9.646	83	49403	24.907	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	55848	24.470	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	35806	37.251	ug/L #	94
42) Toluene	10.384	91	176171	24.707	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	48693	23.582	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	27108	22.916	ug/L	95
46) Tetrachloroethene	10.860	164	39978	25.349	ug/L	94
48) 2-Hexanone	10.969	43	25776	37.173	ug/L #	94
49) Dibromochloromethane	11.128	129	35585	24.069	ug/L	92
50) 1,2-Dibromoethane	11.238	107	27178	22.529	ug/L #	100
51) Chlorobenzene	11.658	112	114846	24.105	ug/L	92
52) Ethylbenzene	11.731	91	202225	25.192	ug/L	96
53) m,p-Xylene	11.841	106	82622	24.881	ug/L	95
54) o-Xylene	12.164	106	79691	25.453	ug/L	99
55) Styrene	12.183	104	144101	27.014	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	31338	22.025	ug/L #	94
59) Bromoform	12.347	173	20967	22.635	ug/L	96
60) Isopropylbenzene	12.463	105	240702	26.664	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	22841	20.992	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.945	105	200912	26.577	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	200262	26.339	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	104141	24.501	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	110682	25.765	ug/L	90
67) 1,2-Dichlorobenzene	13.865	146	89829	23.736	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	4633	18.856	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.621	180	76935	24.628	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	58205	22.675	ug/L	98
71) Naphthalene	15.359	128	90636	18.994	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	50888	22.715	ug/L	96

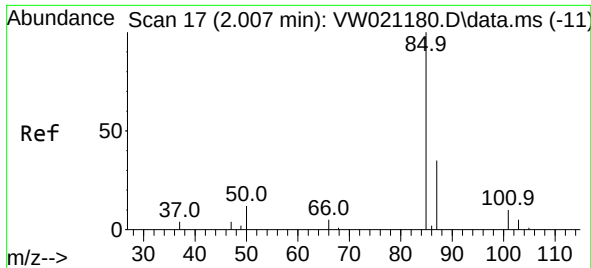
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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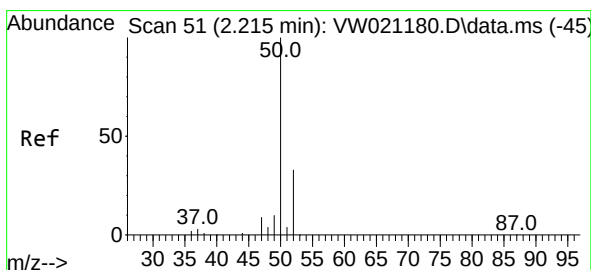
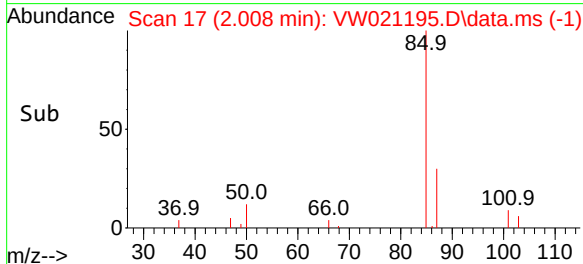
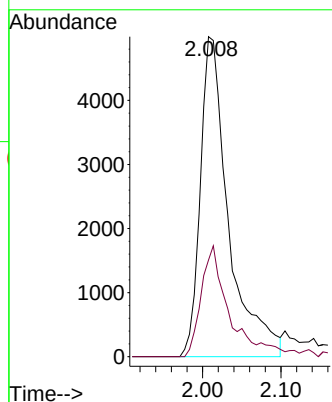
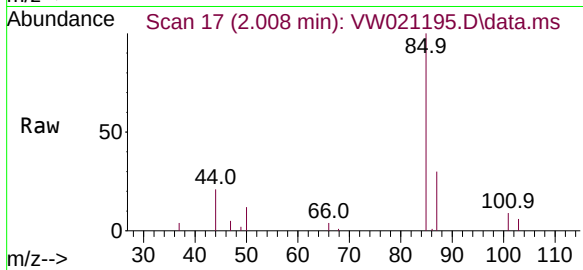




#2
 Dichlorodifluoromethane
 Concen: 22.074 ug/L
 RT: 2.008 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW021195.D
 Acq: 07 Dec 2021 09:32

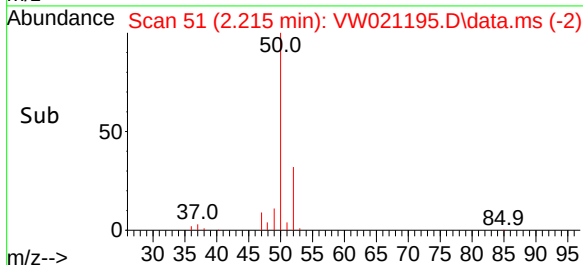
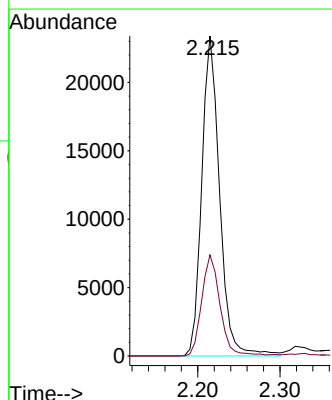
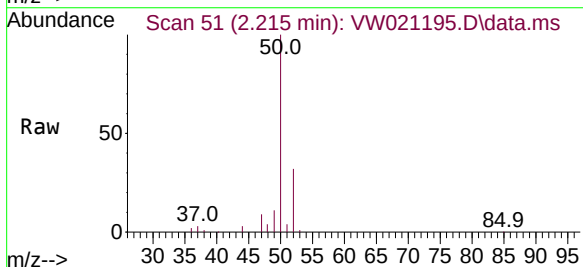
Instrument :
 MSVOA_W
 ClientSampleId :

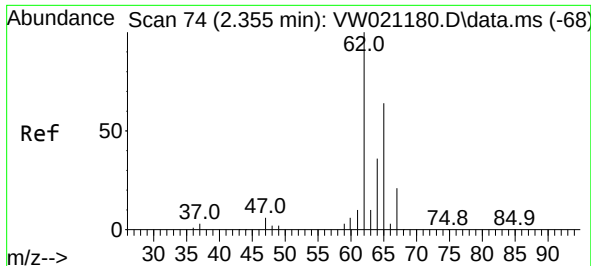
Tgt Ion: 85 Resp: 12506
 Ion Ratio Lower Upper
 85 100
 87 28.0 25.8 38.6



#3
 Chloromethane
 Concen: 27.859 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW021195.D
 Acq: 07 Dec 2021 09:32

Tgt Ion: 50 Resp: 35334
 Ion Ratio Lower Upper
 50 100
 52 31.5 23.4 43.6

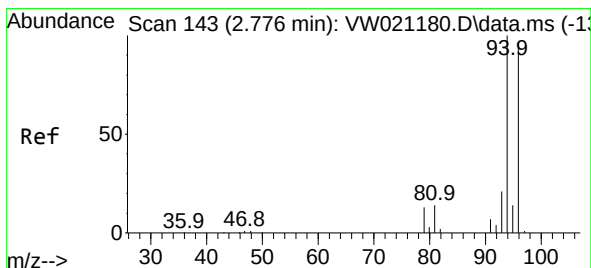
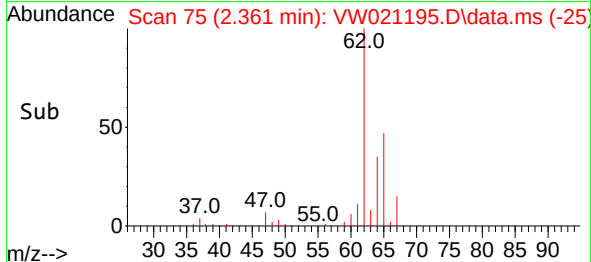
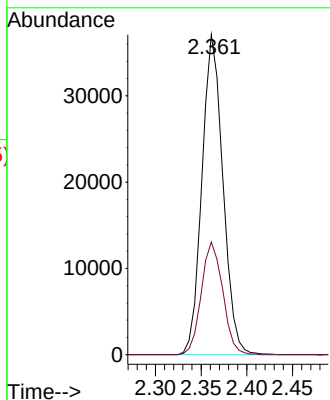
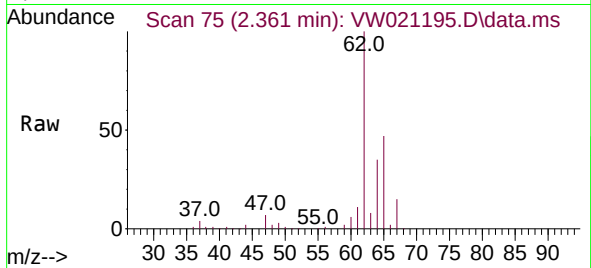




#5
 Vinyl chloride
 Concen: 26.827 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VW021195.D
 Acq: 07 Dec 2021 09:32

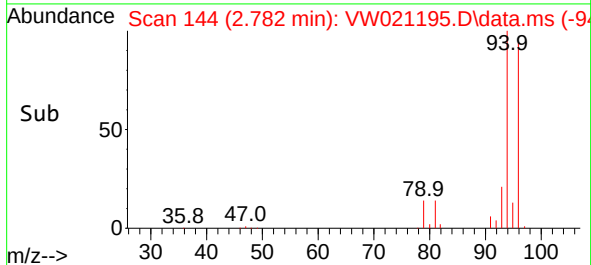
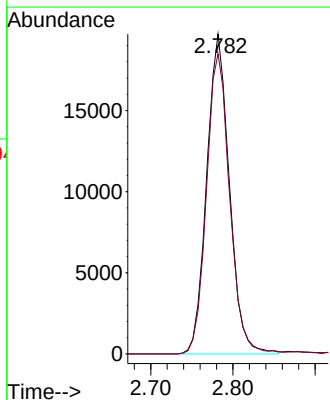
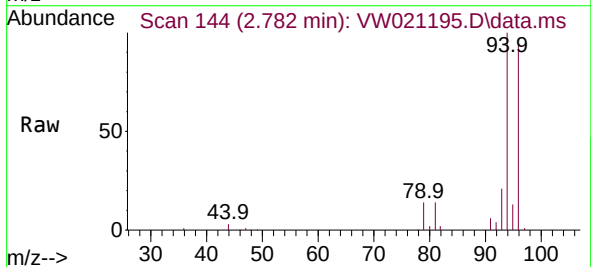
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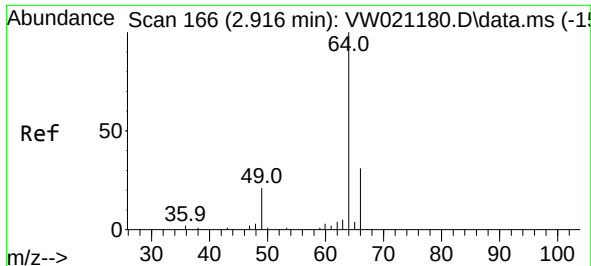
Tgt Ion: 62 Resp: 59109
 Ion Ratio Lower Upper
 62 100
 64 35.2 24.4 45.2



#6
 Bromomethane
 Concen: 25.855 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW021195.D
 Acq: 07 Dec 2021 09:32

Tgt Ion: 94 Resp: 37878
 Ion Ratio Lower Upper
 94 100
 96 93.8 64.8 120.4





#8

Chloroethane

Concen: 29.375 ug/L

RT: 2.922 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021195.D

Acq: 07 Dec 2021 09:32

Instrument :

MSVOA_W

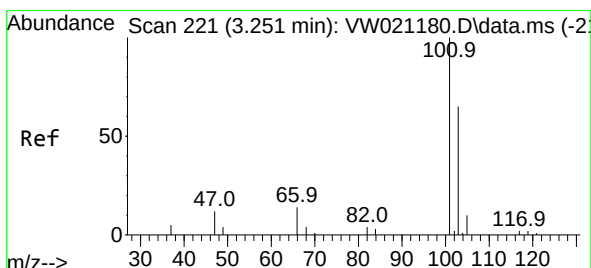
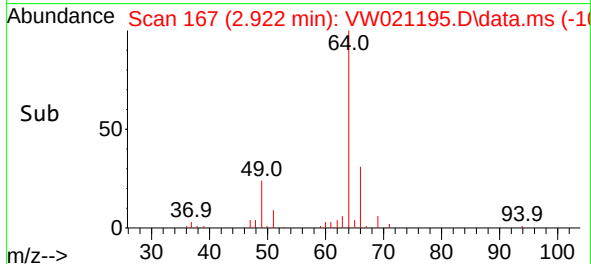
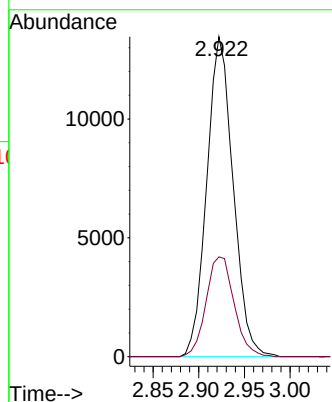
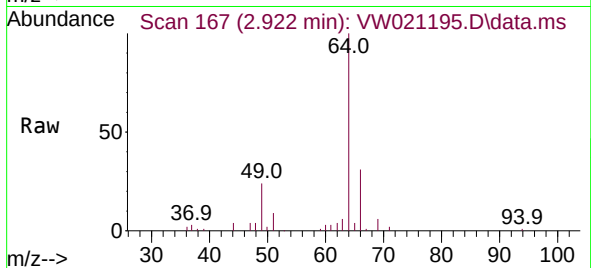
ClientSampleId :

Tgt Ion: 64 Resp: 26974

Ion Ratio Lower Upper

64 100

66 31.2 22.0 40.8



#9

Trichlorofluoromethane

Concen: 31.434 ug/L

RT: 3.263 min Scan# 223

Delta R.T. 0.012 min

Lab File: VW021195.D

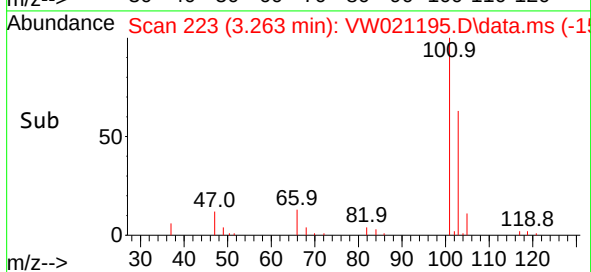
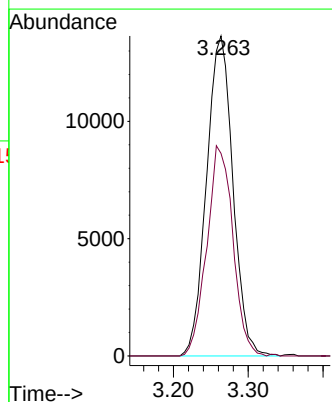
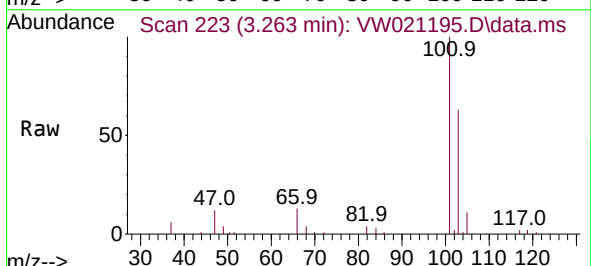
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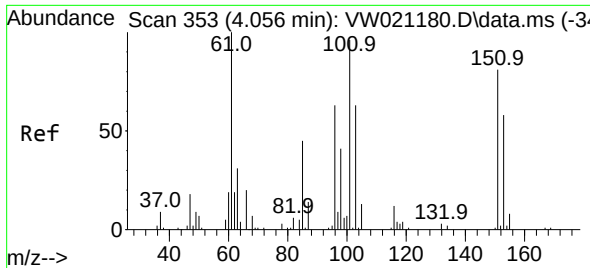
Tgt Ion: 101 Resp: 33442

Ion Ratio Lower Upper

101 100

103 64.8 51.4 77.2

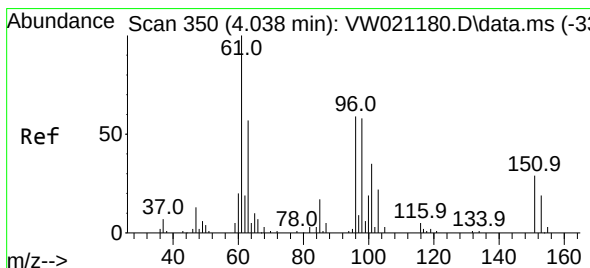
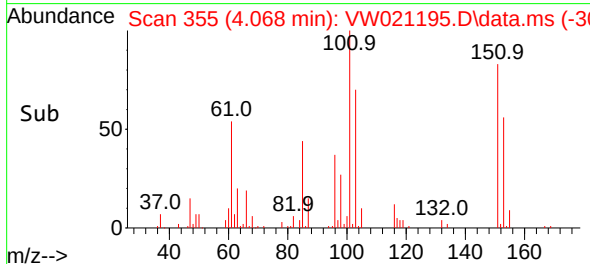
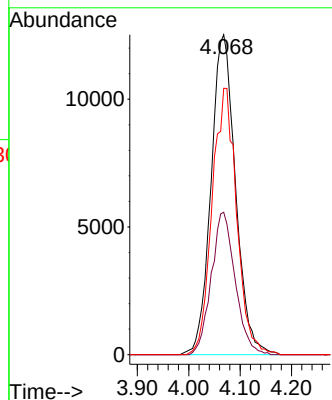
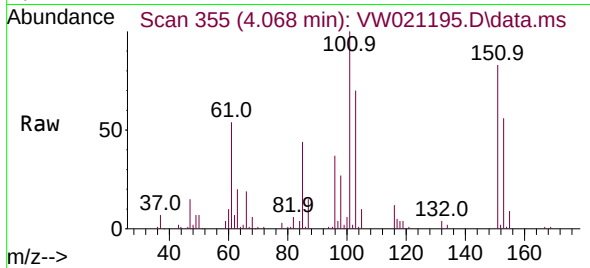




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.954 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: VW021195.D
 Acq: 07 Dec 2021 09:32

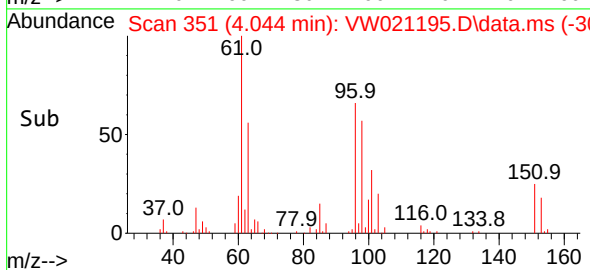
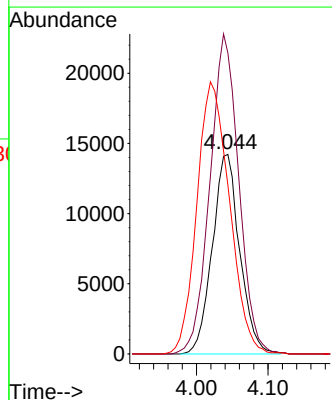
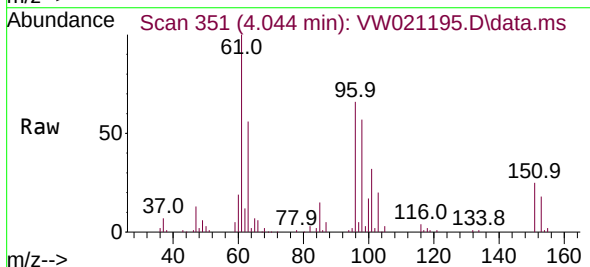
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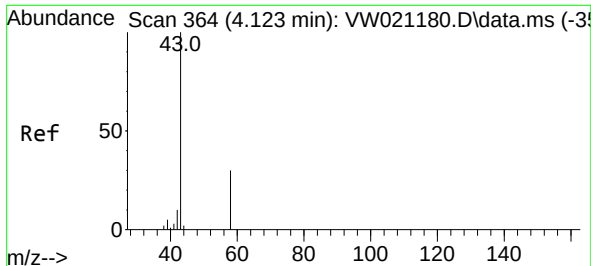
Tgt Ion:101 Resp: 41554
 Ion Ratio Lower Upper
 101 100
 85 43.3 36.6 54.8
 151 83.0 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 25.108 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW021195.D
 Acq: 07 Dec 2021 09:32

Tgt Ion: 96 Resp: 37800
 Ion Ratio Lower Upper
 96 100
 61 150.8 138.3 256.9
 63 84.7 82.6 153.4

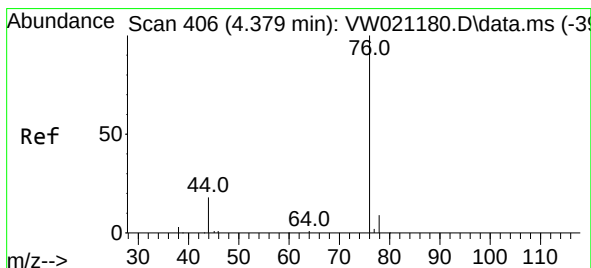
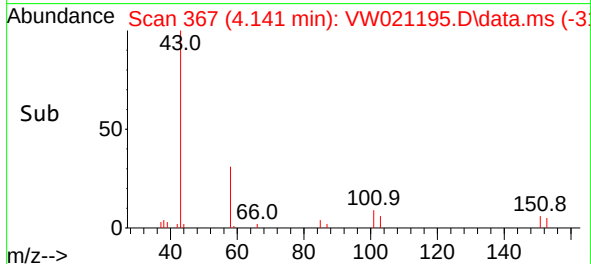
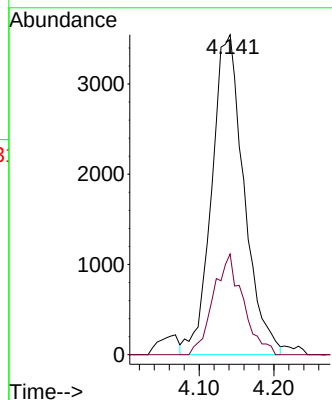
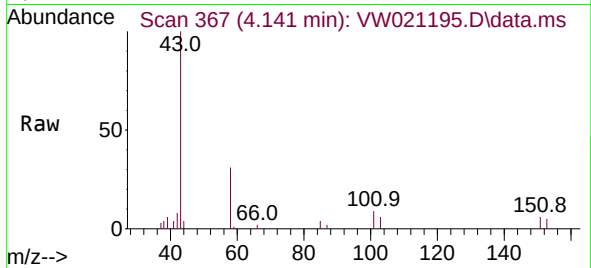




#13
Acetone
Concen: 31.692 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

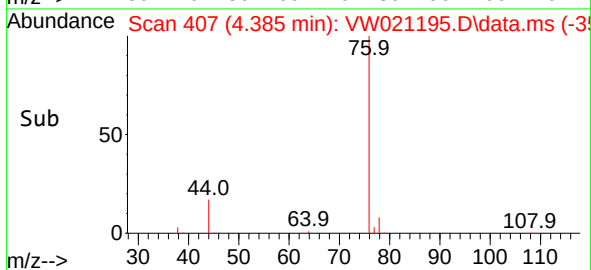
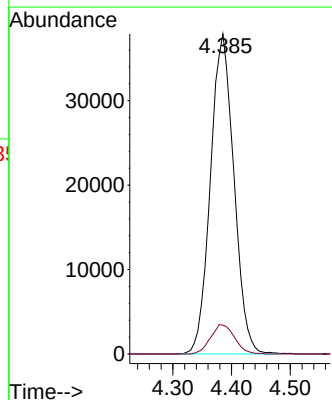
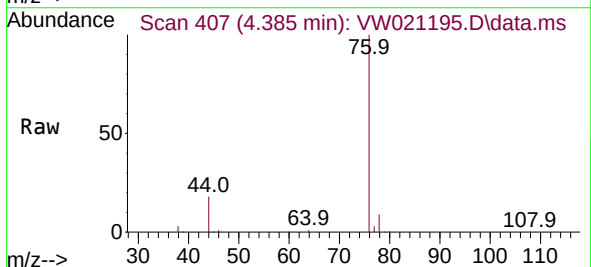
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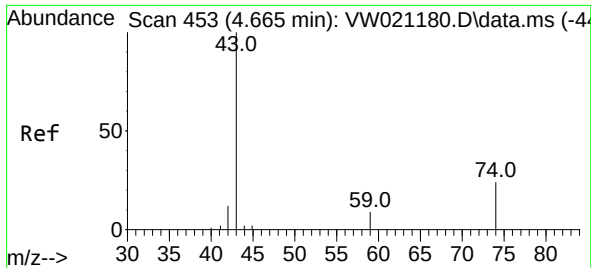
Tgt Ion: 43 Resp: 10641
Ion Ratio Lower Upper
43 100
58 28.7 0.0 52.8



#14
Carbon disulfide
Concen: 25.181 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 105228
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

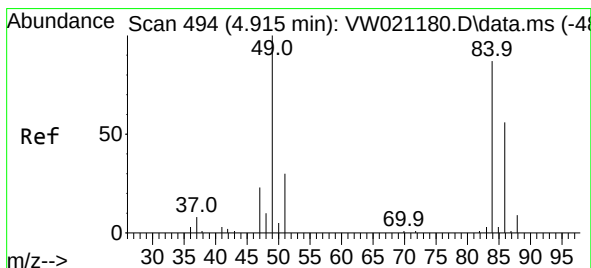
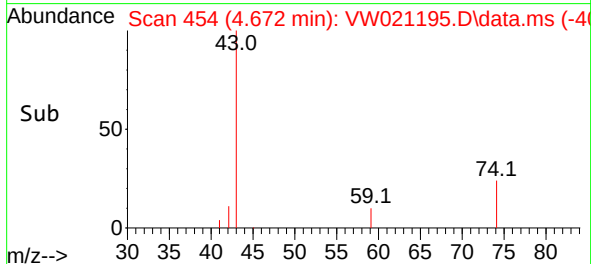
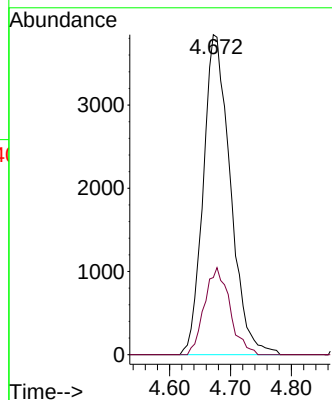
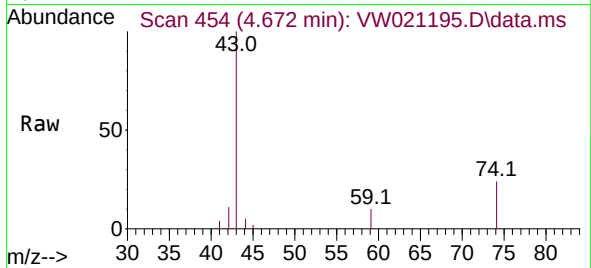




#15
Methyl Acetate
Concen: 19.535 ug/L
RT: 4.672 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

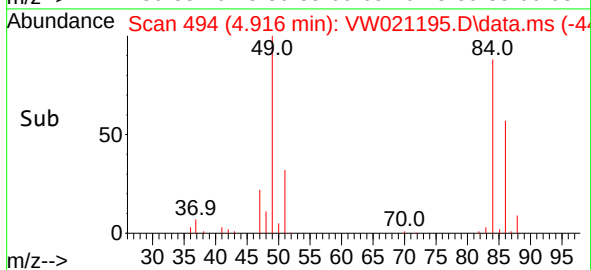
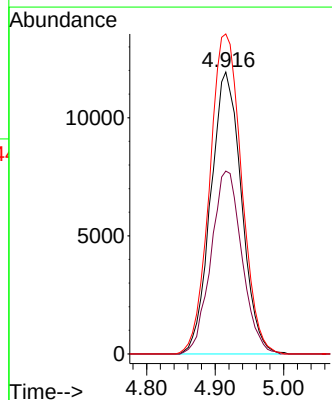
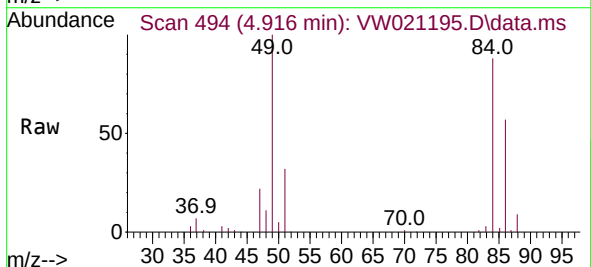
Instrument :
MSVOA_W
ClientSampleId :

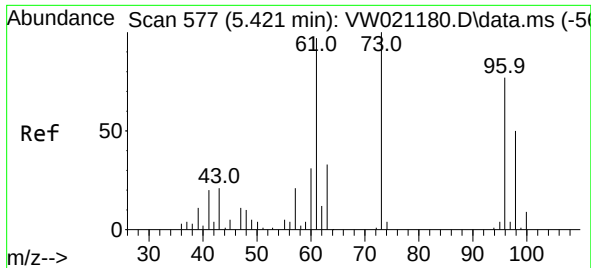
Tgt Ion: 43 Resp: 11893
Ion Ratio Lower Upper
43 100
74 25.5 16.4 24.6#



#16
Methylene chloride
Concen: 20.355 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

Tgt Ion: 84 Resp: 37195
Ion Ratio Lower Upper
84 100
86 64.9 45.5 84.5
49 113.5 100.5 186.7

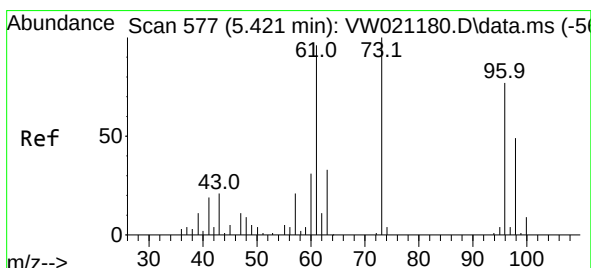
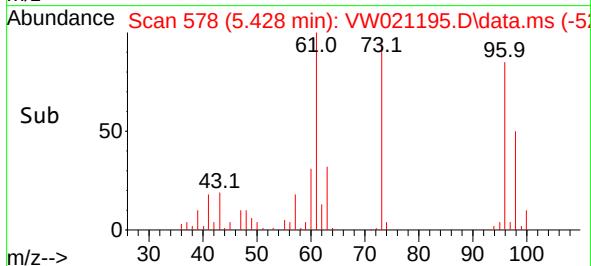
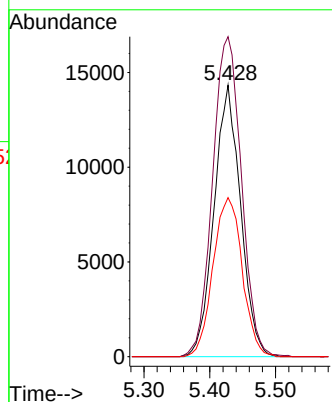
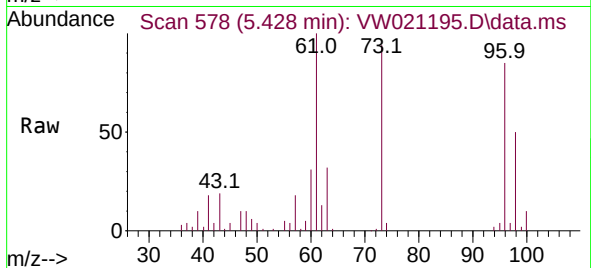




#17
trans-1,2-Dichloroethene
Concen: 25.140 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

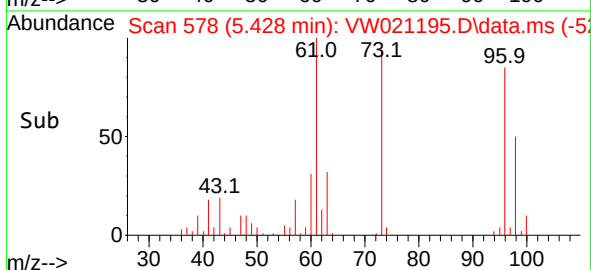
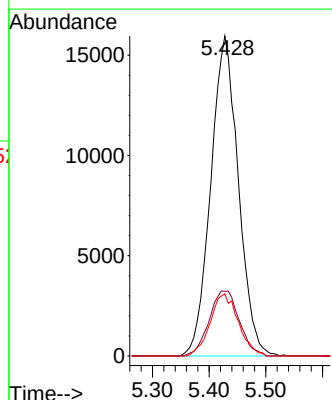
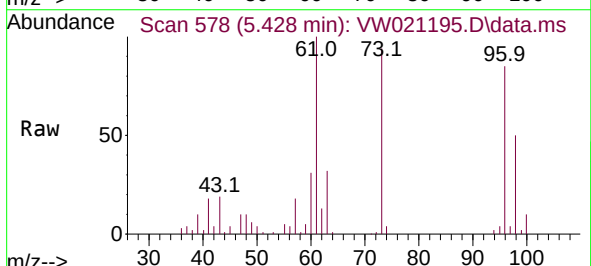
Instrument :
MSVOA_W
ClientSampleId :

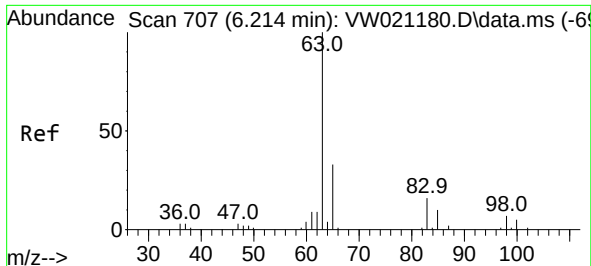
Tgt Ion: 96 Resp: 40298
Ion Ratio Lower Upper
96 100
61 117.8 107.4 199.4
98 58.6 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 22.287 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

Tgt Ion: 73 Resp: 53921
Ion Ratio Lower Upper
73 100
43 22.2 19.5 29.3
57 19.9 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.869 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW021195.D

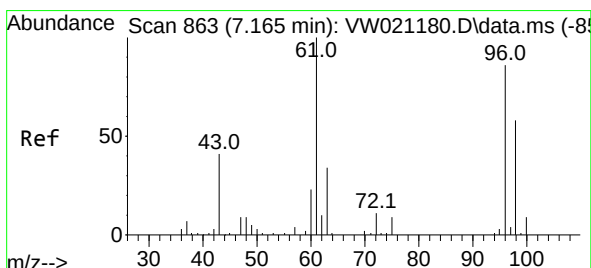
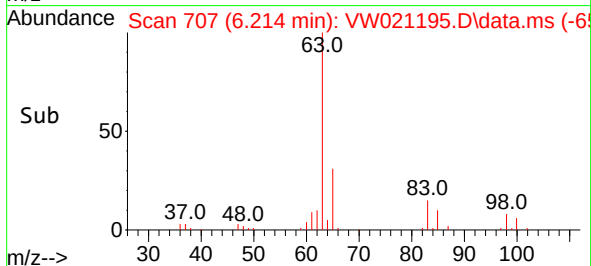
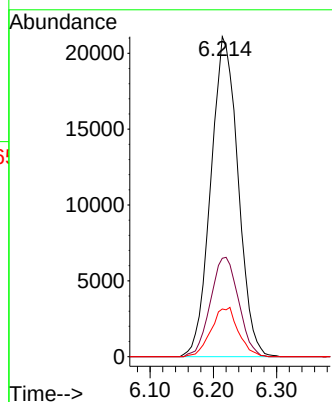
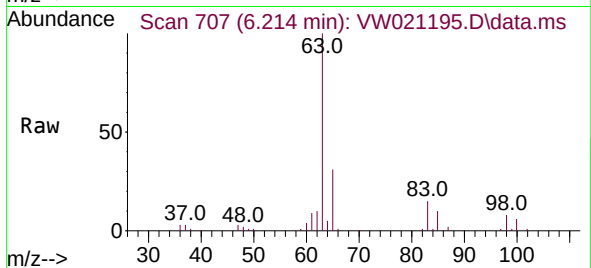
Acq: 07 Dec 2021 09:32

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	63212
Ion	Ratio	Lower	Upper
63	100		
65	30.7	22.1	41.1
83	14.9	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 24.580 ug/L

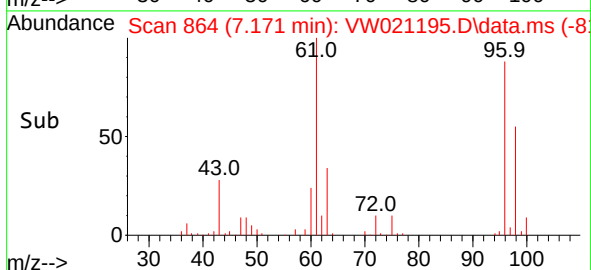
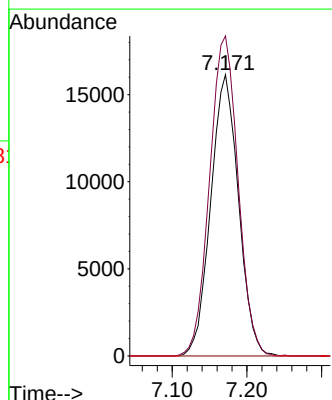
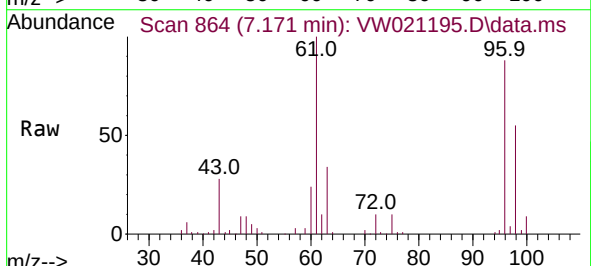
RT: 7.171 min Scan# 864

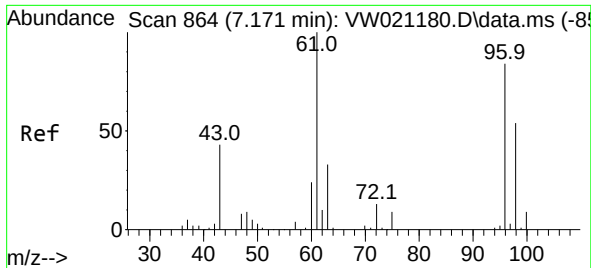
Delta R.T. 0.006 min

Lab File: VW021195.D

Acq: 07 Dec 2021 09:32

Tgt Ion:	96	Resp:	41800
Ion	Ratio	Lower	Upper
96	100		
61	113.7	103.7	192.7
68	0.0	0.0	0.0

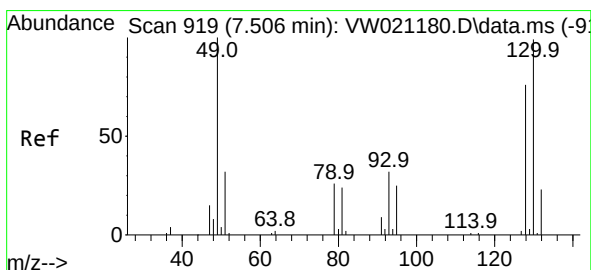
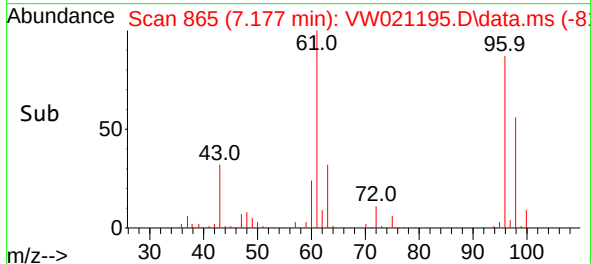
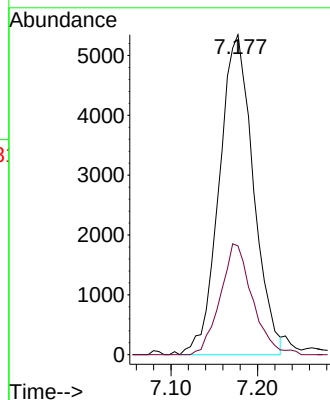
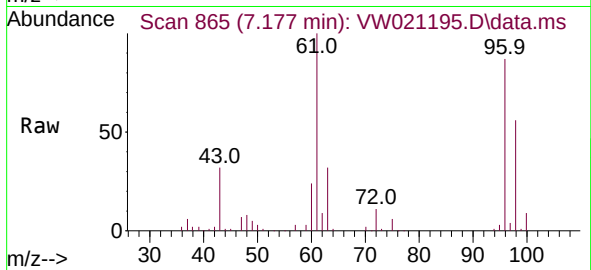




#22
2-Butanone
Concen: 31.540 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

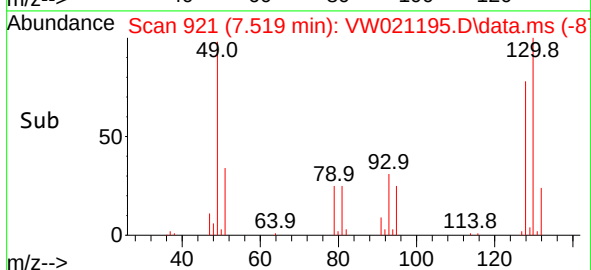
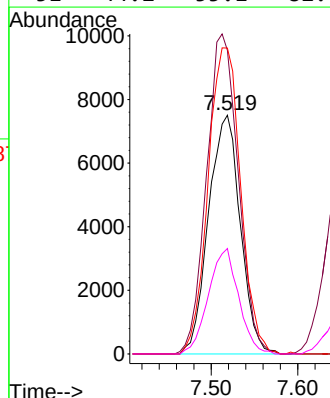
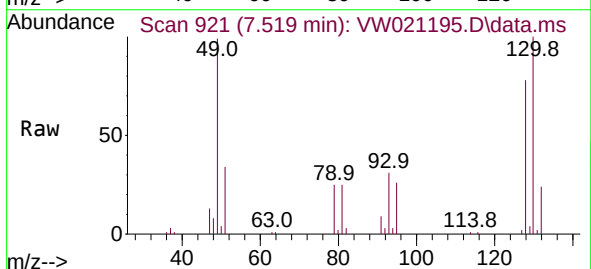
Instrument :
MSVOA_W
ClientSampleId :

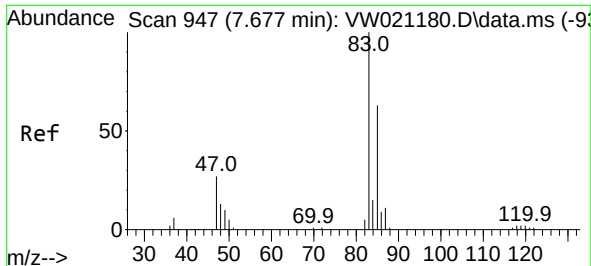
Tgt Ion: 43 Resp: 14655
Ion Ratio Lower Upper
43 100
72 32.4 11.8 35.4



#23
Bromochloromethane
Concen: 24.023 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.012 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

Tgt Ion: 128 Resp: 19115
Ion Ratio Lower Upper
128 100
49 127.2 150.3 279.1#
130 128.2 88.3 163.9
51 44.2 55.1 82.7#

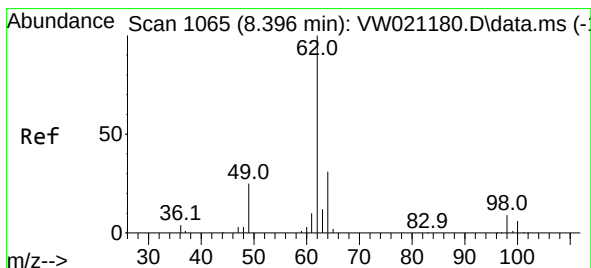
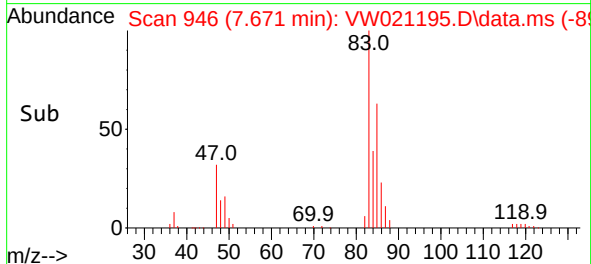
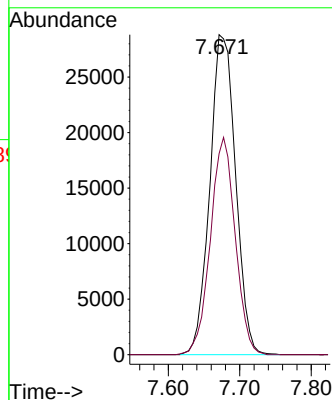
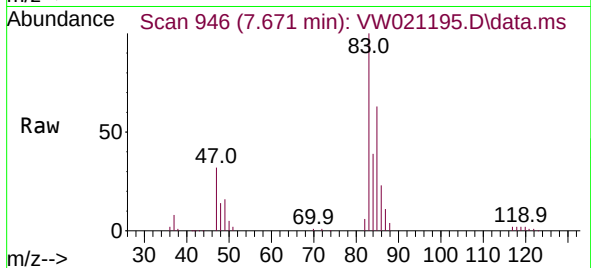




#25
Chloroform
Concen: 25.291 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

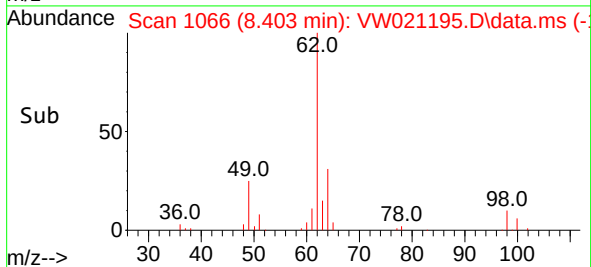
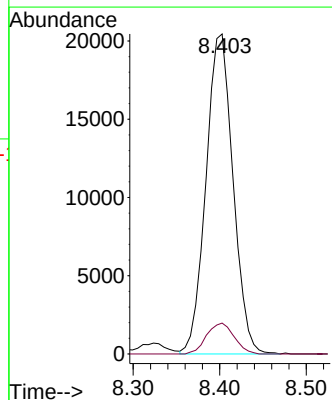
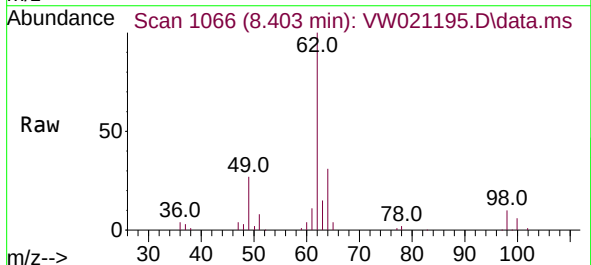
Instrument :
MSVOA_W
ClientSampleId :

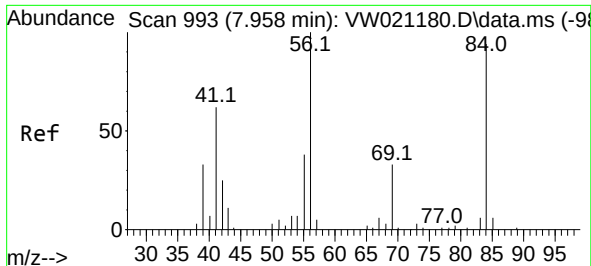
Tgt Ion: 83 Resp: 72160
Ion Ratio Lower Upper
83 100
85 62.8 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.794 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

Tgt Ion: 62 Resp: 44410
Ion Ratio Lower Upper
62 100
98 9.6 6.5 9.7





#29

Cyclohexane

Concen: 24.314 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW021195.D

Acq: 07 Dec 2021 09:32

Instrument :

MSVOA_W

ClientSampleId :

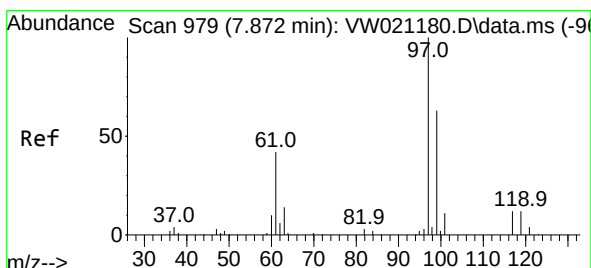
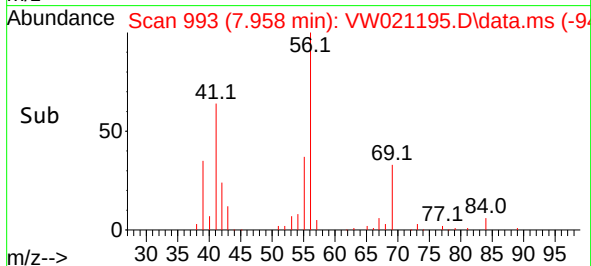
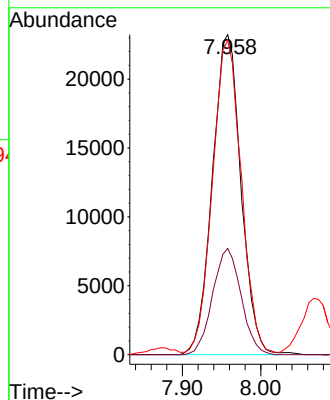
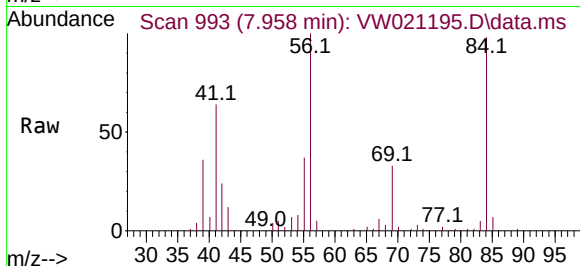
Tgt Ion: 56 Resp: 58885

Ion Ratio Lower Upper

56 100

69 33.0 23.5 35.3

84 99.0 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 25.261 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.006 min

Lab File: VW021195.D

Acq: 07 Dec 2021 09:32

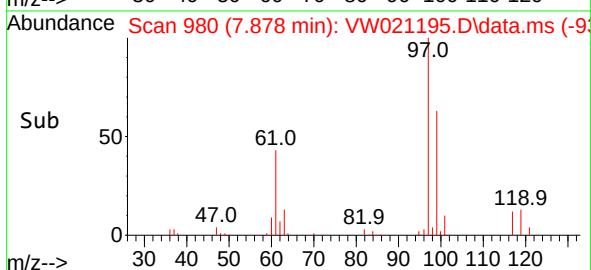
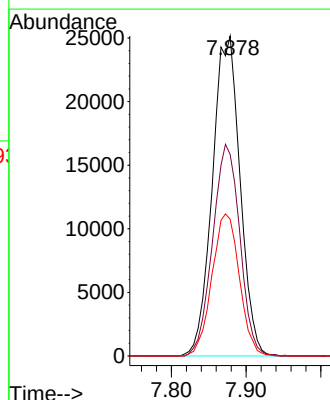
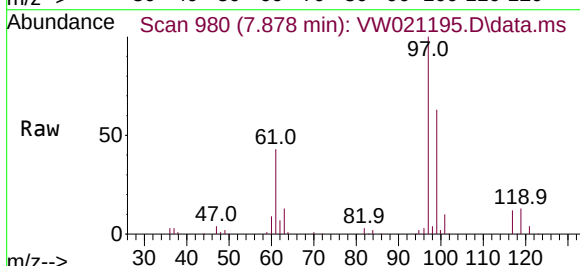
Tgt Ion: 97 Resp: 64660

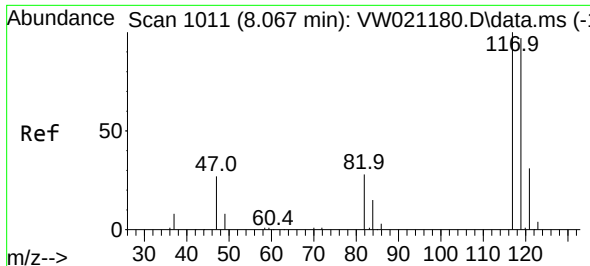
Ion Ratio Lower Upper

97 100

99 65.0 51.6 77.4

61 44.0 40.9 61.3

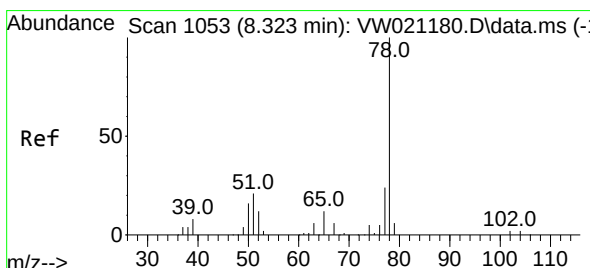
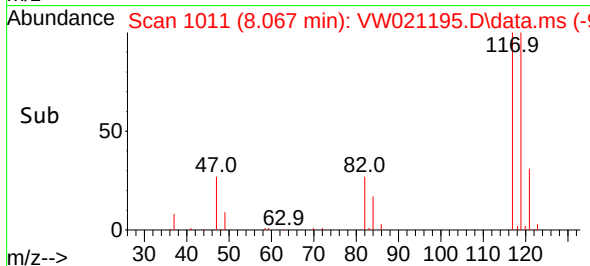
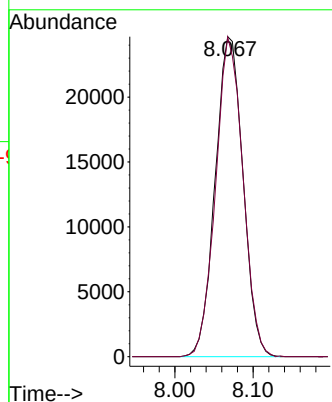
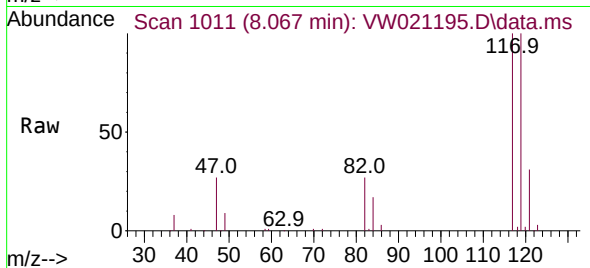




#31
Carbon tetrachloride
Concen: 25.553 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

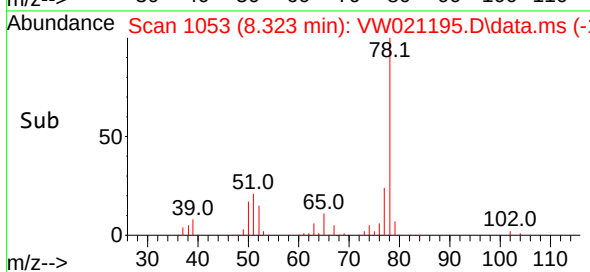
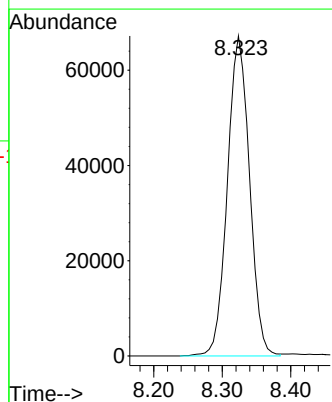
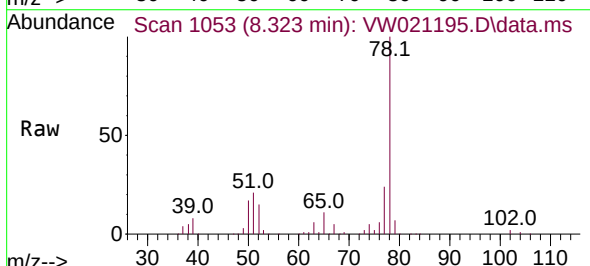
Instrument :
MSVOA_W
ClientSampleId :

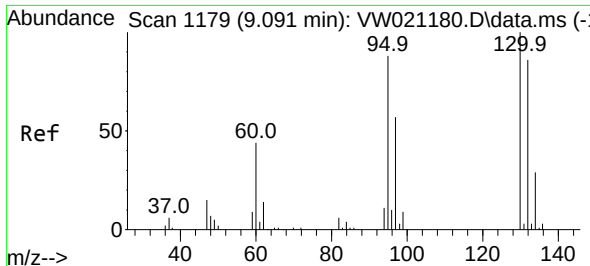
Tgt Ion:117 Resp: 60778
Ion Ratio Lower Upper
117 100
119 98.0 75.7 113.5



#33
Benzene
Concen: 24.143 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

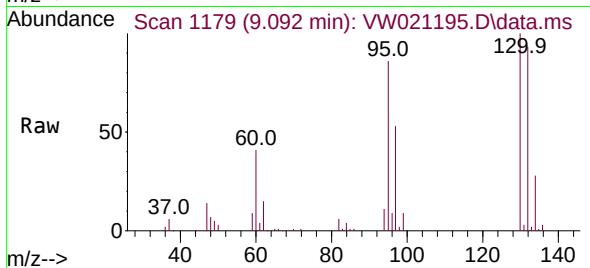
Tgt Ion: 78 Resp: 150723





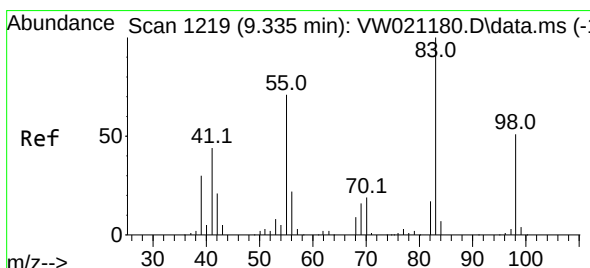
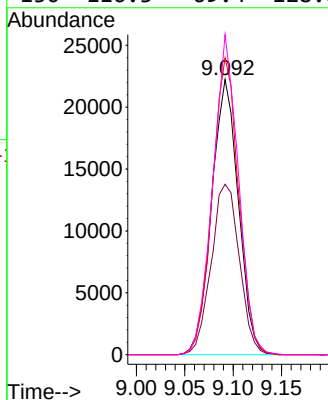
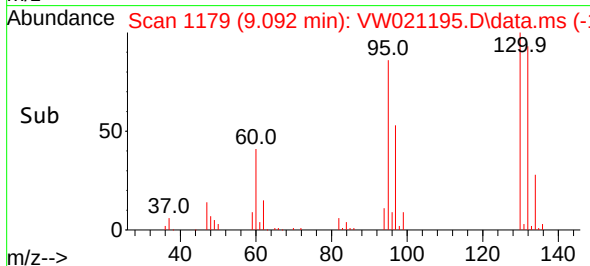
#34
Trichloroethene
Concen: 24.788 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

Instrument :
MSVOA_W
ClientSampleId :

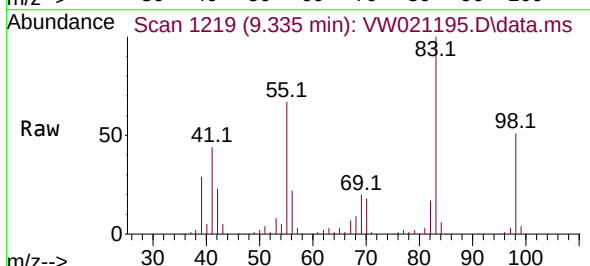


Tgt Ion: 95 Resp: 42692

Ion	Ratio	Lower	Upper
95	100		
97	61.9	47.0	87.2
132	107.9	65.5	121.6
130	116.3	69.4	128.8

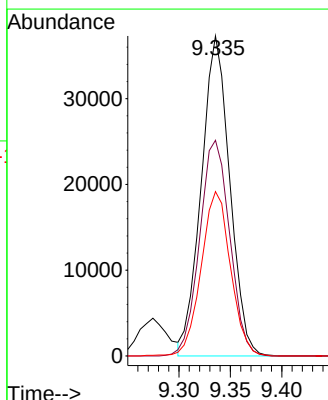
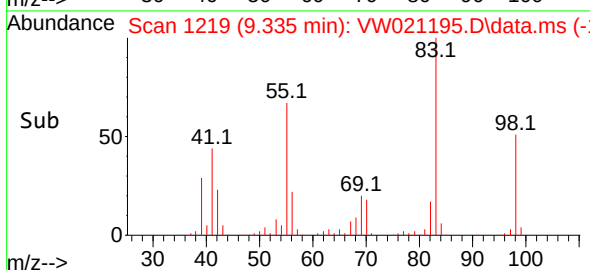


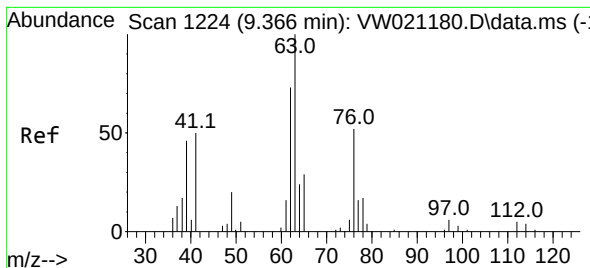
#35
Methylcyclohexane
Concen: 24.818 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32



Tgt Ion: 83 Resp: 71947

Ion	Ratio	Lower	Upper
83	100		
55	71.1	70.8	106.2
98	53.1	37.7	56.5





#37

1,2-Dichloropropane

Concen: 24.156 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021195.D

Acq: 07 Dec 2021 09:32

Instrument :

MSVOA_W

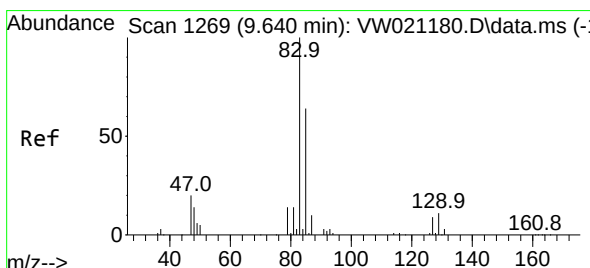
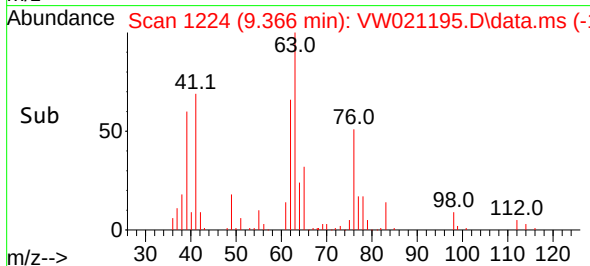
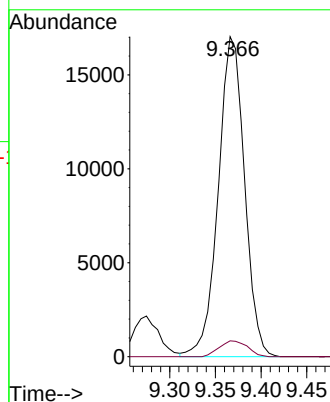
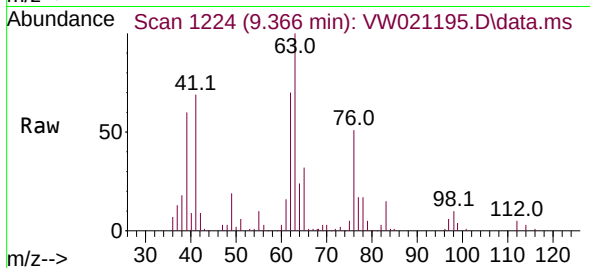
ClientSampleId :

Tgt Ion: 63 Resp: 34084

Ion Ratio Lower Upper

63 100

112 5.3 3.2 4.8#



#38

Bromodichloromethane

Concen: 24.907 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW021195.D

Acq: 07 Dec 2021 09:32

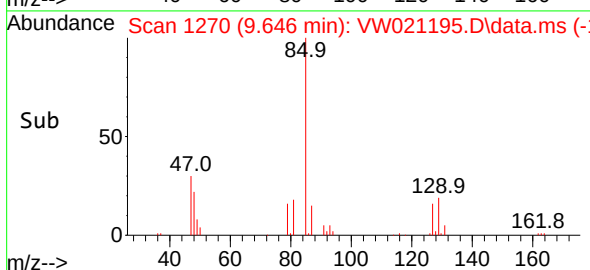
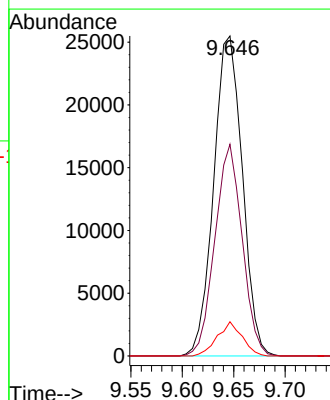
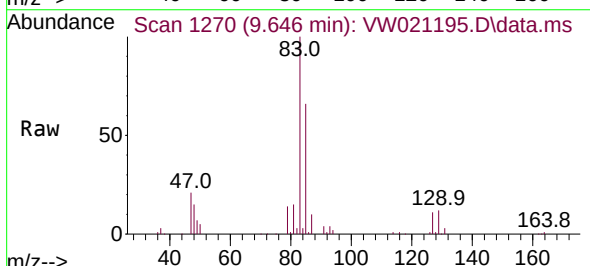
Tgt Ion: 83 Resp: 49403

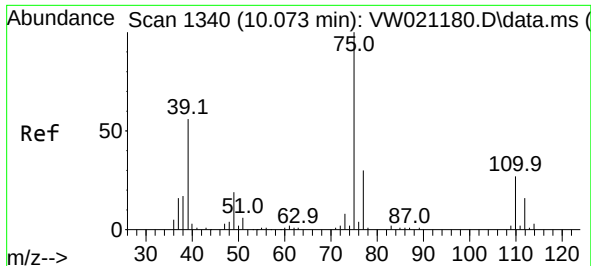
Ion Ratio Lower Upper

83 100

85 66.2 44.1 81.9

127 10.7 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 24.470 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021195.D

Acq: 07 Dec 2021 09:32

Instrument :

MSVOA_W

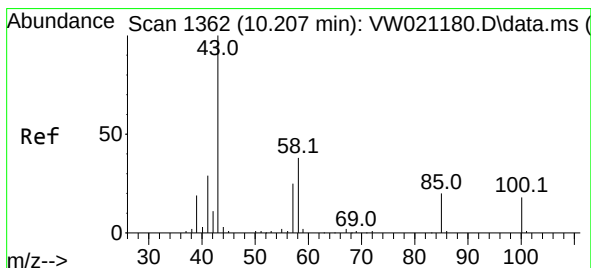
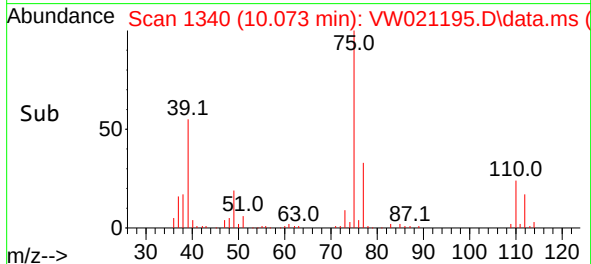
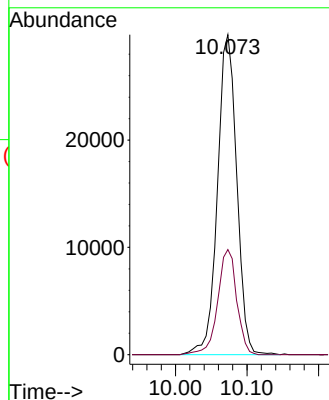
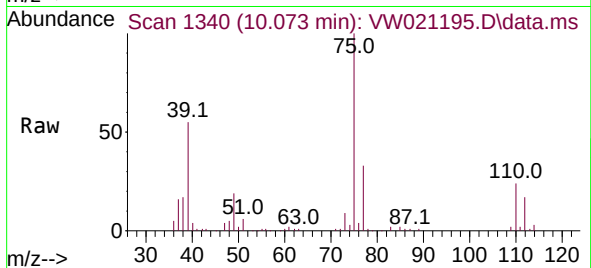
ClientSampleId :

Tgt Ion: 75 Resp: 55848

Ion Ratio Lower Upper

75 100

77 32.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 37.251 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021195.D

Acq: 07 Dec 2021 09:32

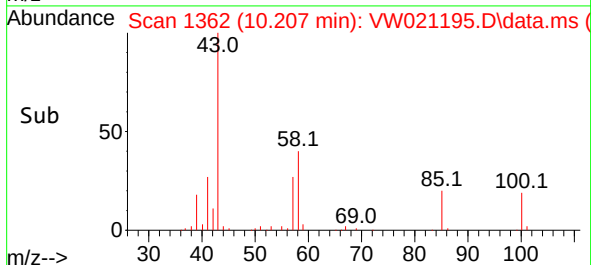
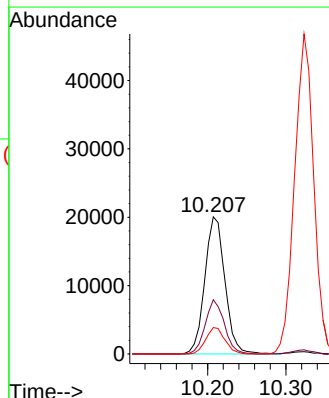
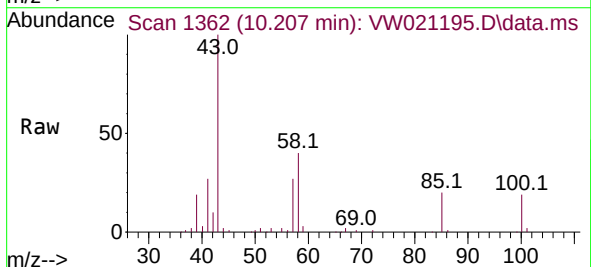
Tgt Ion: 43 Resp: 35806

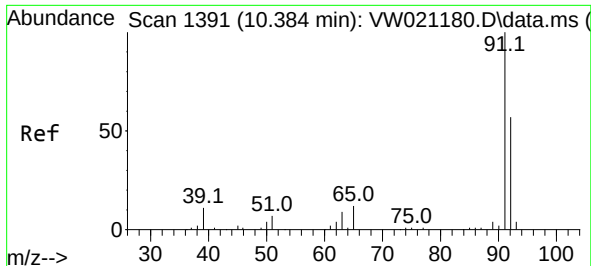
Ion Ratio Lower Upper

43 100

58 37.5 28.8 43.2

100 18.2 10.0 15.0#

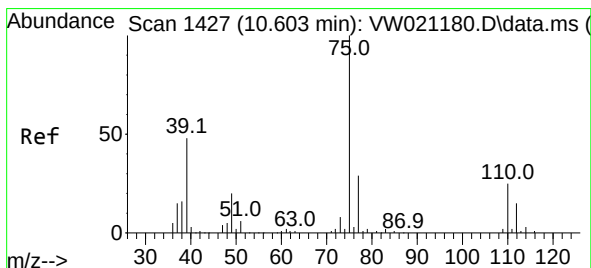
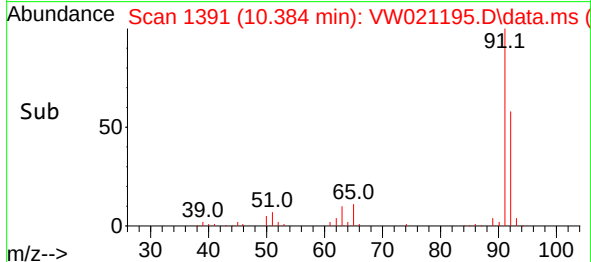
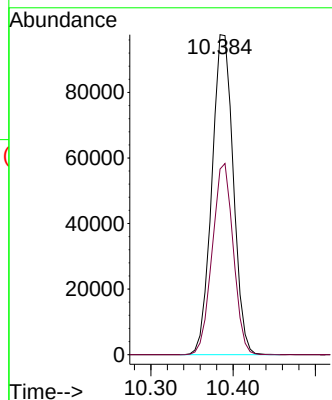
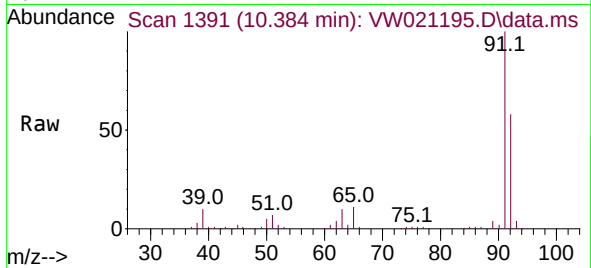




#42
Toluene
Concen: 24.707 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

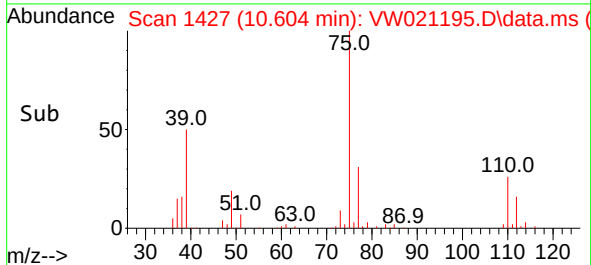
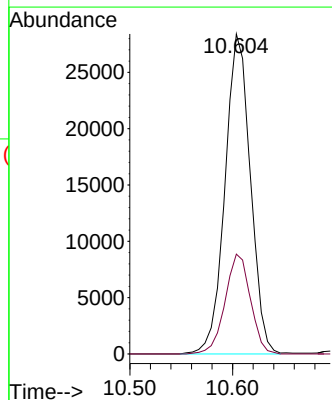
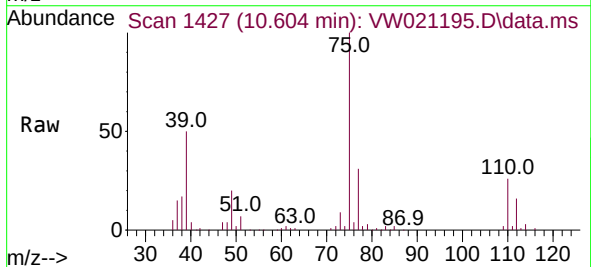
Instrument :
MSVOA_W
ClientSampleId :

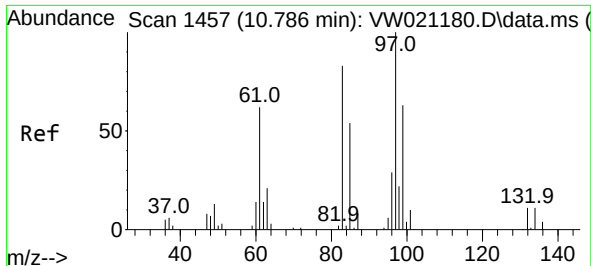
Tgt Ion: 91 Resp: 176171
Ion Ratio Lower Upper
91 100
92 58.0 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 23.582 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

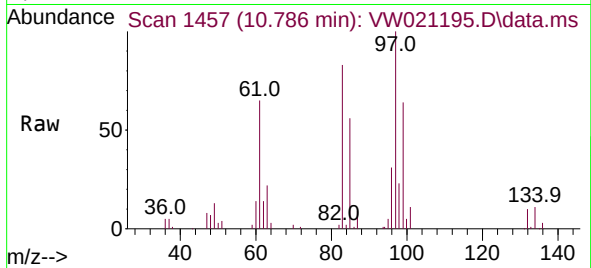
Tgt Ion: 75 Resp: 48693
Ion Ratio Lower Upper
75 100
77 31.2 22.2 41.2



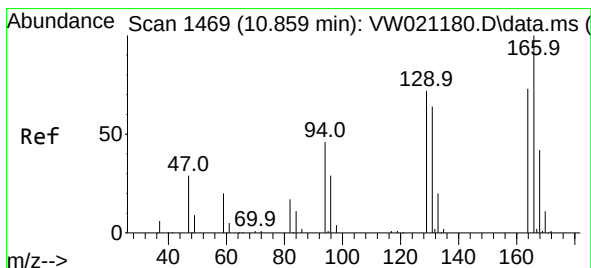
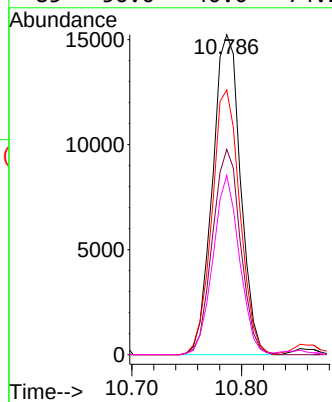
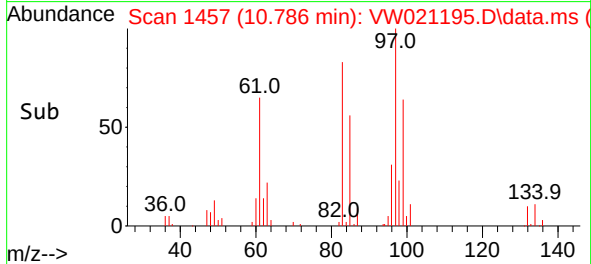


#45
1,1,2-Trichloroethane
Concen: 22.916 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

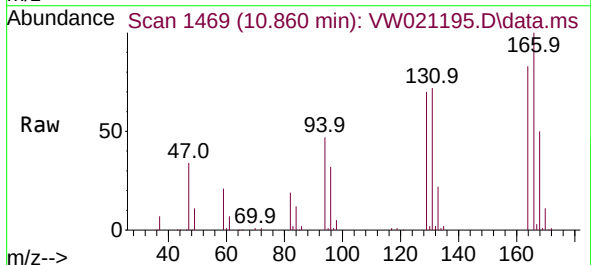
Instrument :
MSVOA_W
ClientSampleId :



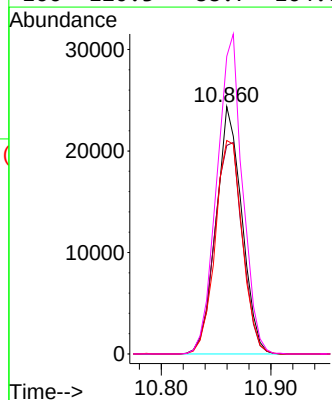
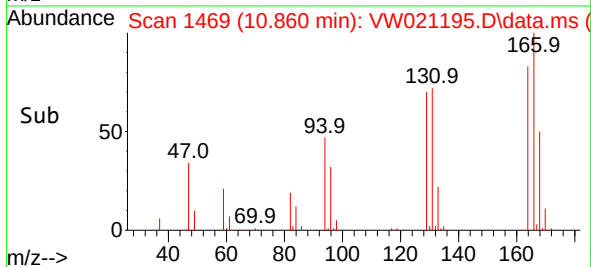
Tgt Ion:	97	Resp:	27108
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.0	79.8
83	82.8	62.6	116.3
85	56.0	40.0	74.2

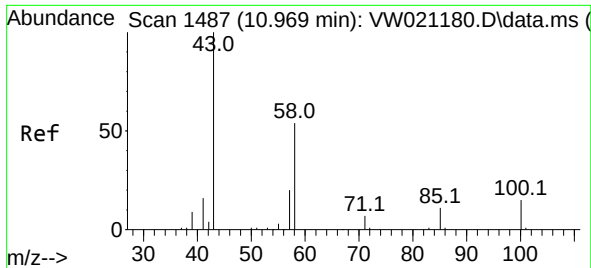


#46
Tetrachloroethene
Concen: 25.349 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32



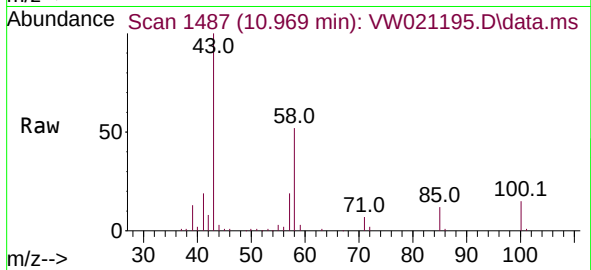
Tgt Ion:	164	Resp:	39978
Ion	Ratio	Lower	Upper
164	100		
129	84.3	65.5	121.7
131	86.3	59.7	110.9
166	120.3	88.7	164.7



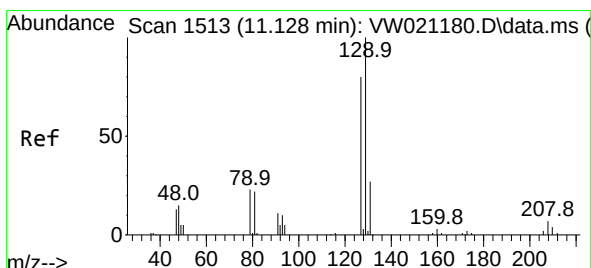
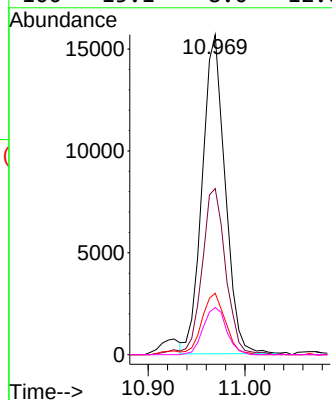
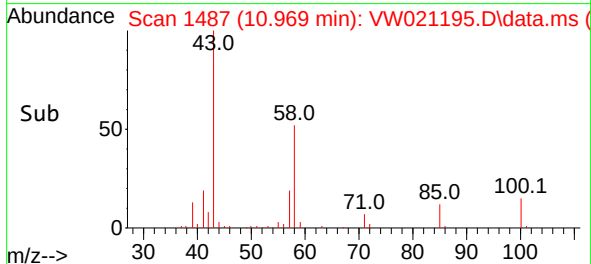


#48
2-Hexanone
Concen: 37.173 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

Instrument :
MSVOA_W
ClientSampleId :

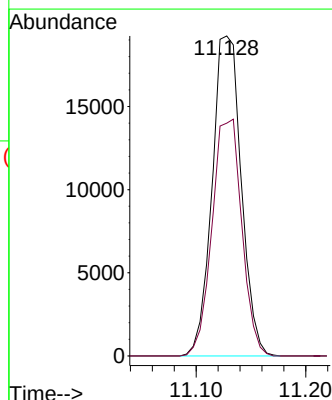
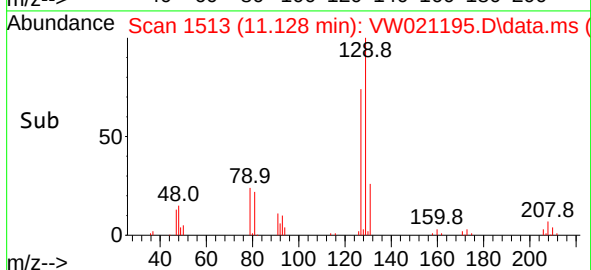
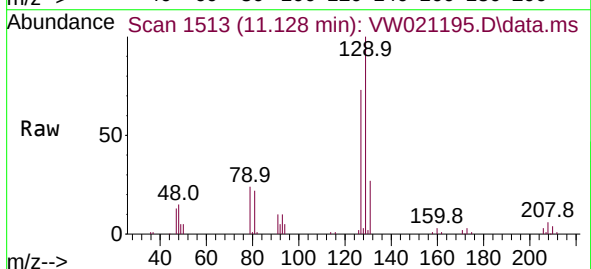


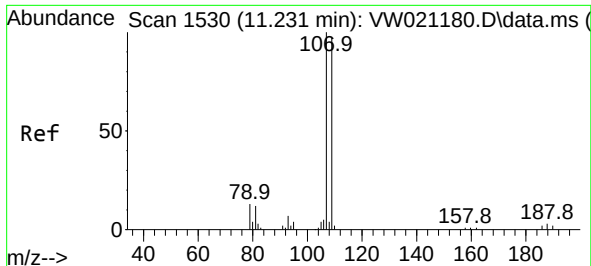
Tgt Ion: 43 Resp: 25776
Ion Ratio Lower Upper
43 100
58 53.3 40.2 60.2
57 19.7 14.3 21.5
100 15.1 8.0 12.0#



#49
Dibromochloromethane
Concen: 24.069 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

Tgt Ion: 129 Resp: 35585
Ion Ratio Lower Upper
129 100
127 72.8 55.7 103.5





#50

1,2-Dibromoethane

Concen: 22.529 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.006 min

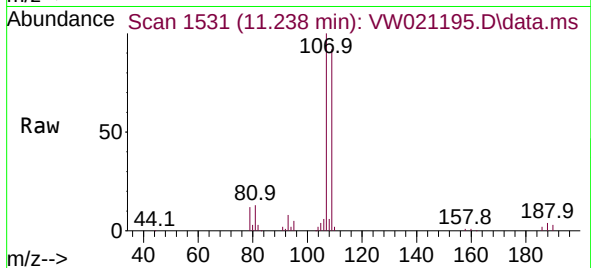
Lab File: VW021195.D

Acq: 07 Dec 2021 09:32

Instrument :

MSVOA_W

ClientSampleId :



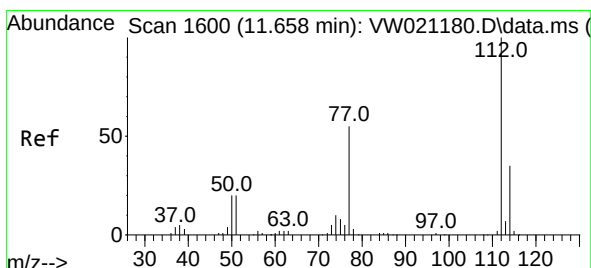
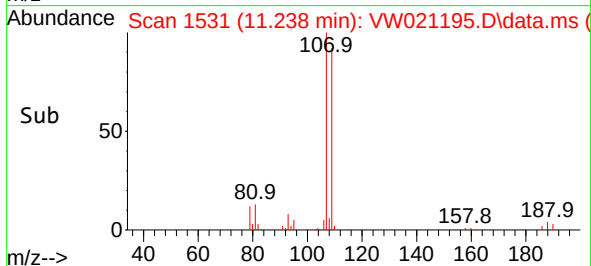
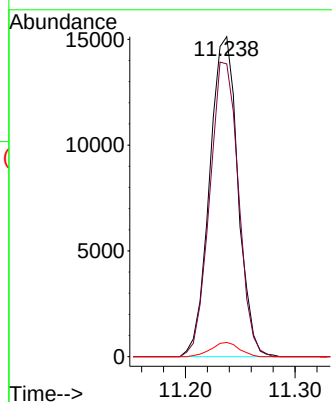
Tgt Ion:107 Resp: 27178

Ion Ratio Lower Upper

107 100

109 91.5 64.1 119.1

188 4.5 2.6 3.8#



#51

Chlorobenzene

Concen: 24.105 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW021195.D

Acq: 07 Dec 2021 09:32

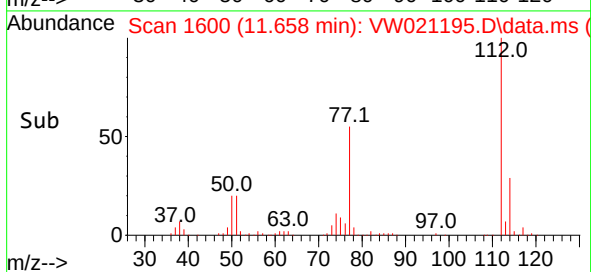
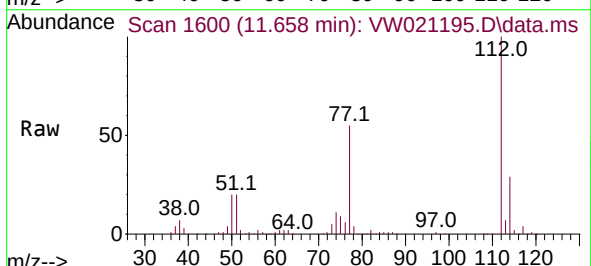
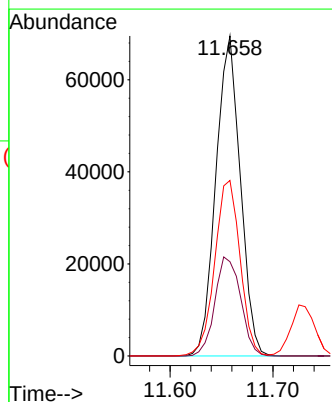
Tgt Ion:112 Resp: 114846

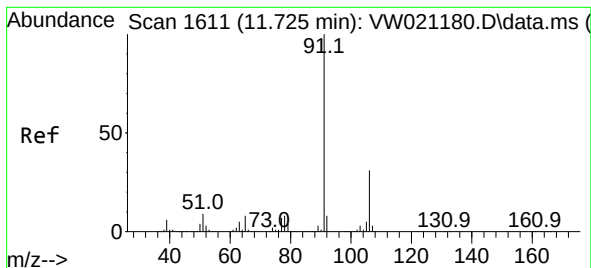
Ion Ratio Lower Upper

112 100

114 29.5 22.4 41.6

77 54.9 50.2 75.4

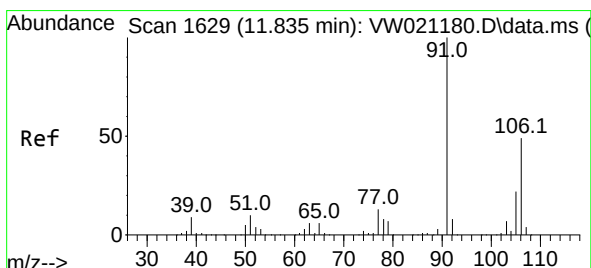
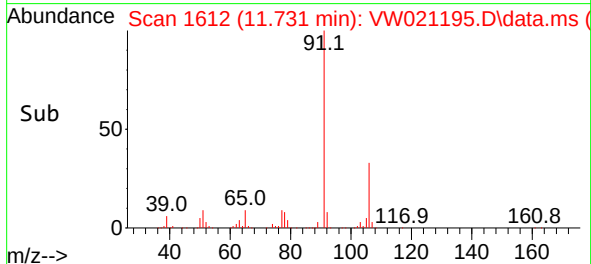
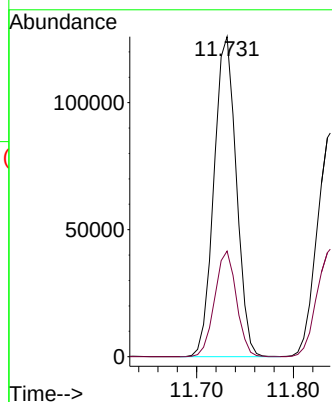
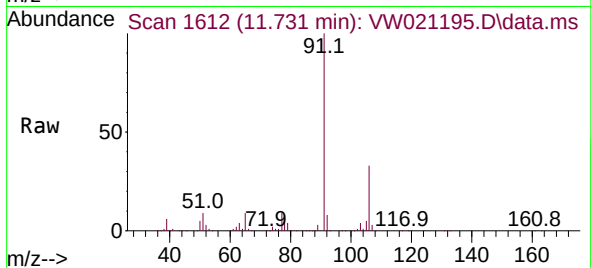




#52
Ethylbenzene
Concen: 25.192 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

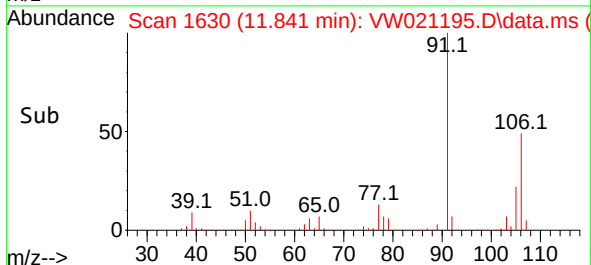
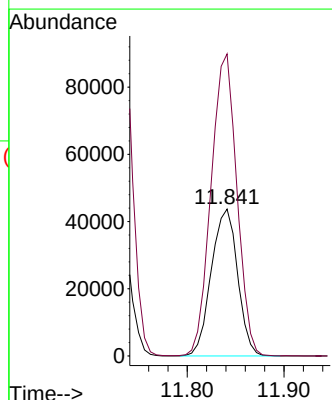
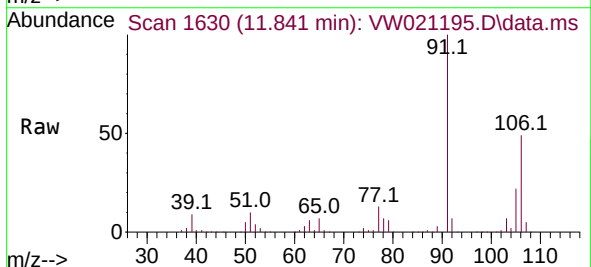
Instrument :
MSVOA_W
ClientSampleId :

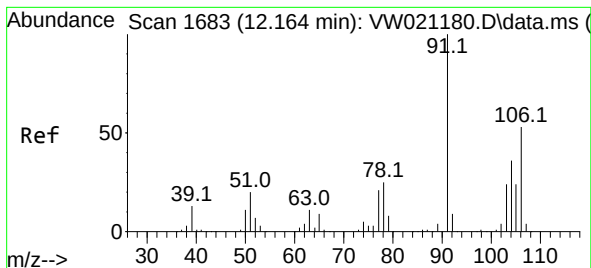
Tgt Ion: 91 Resp: 202225
Ion Ratio Lower Upper
91 100
106 33.0 21.5 39.9



#53
m,p-Xylene
Concen: 24.881 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

Tgt Ion:106 Resp: 82622
Ion Ratio Lower Upper
106 100
91 205.7 149.9 278.3

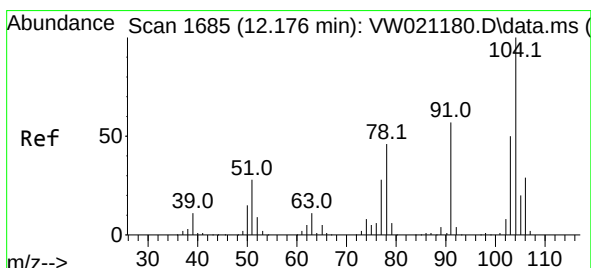
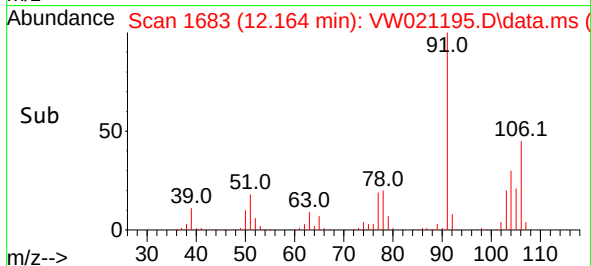
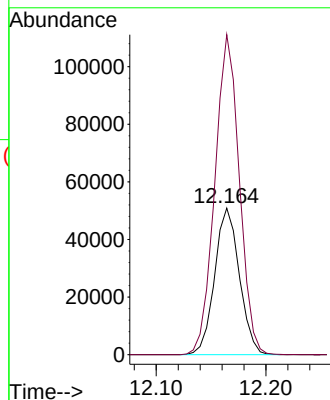
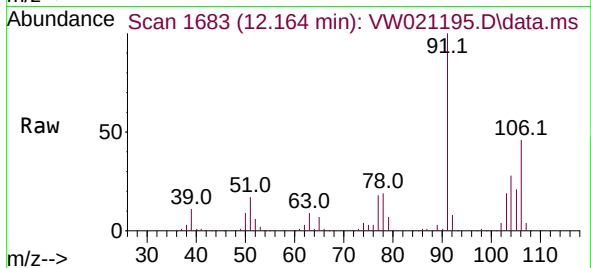




#54
o-Xylene
Concen: 25.453 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

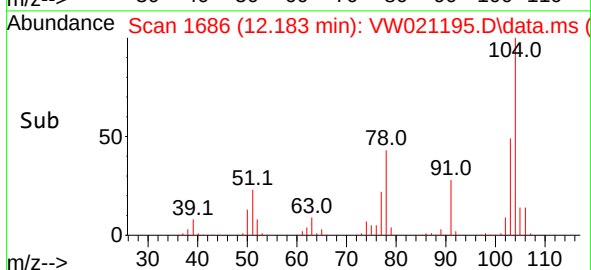
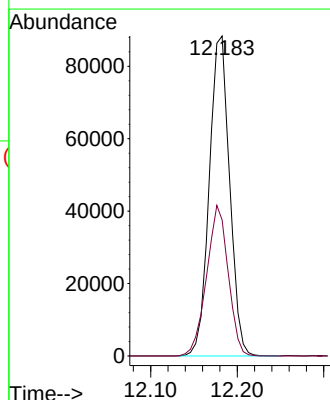
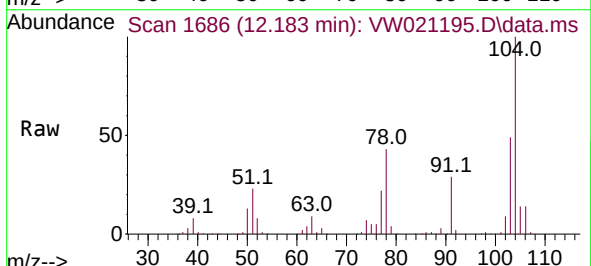
Instrument :
MSVOA_W
ClientSampleId :

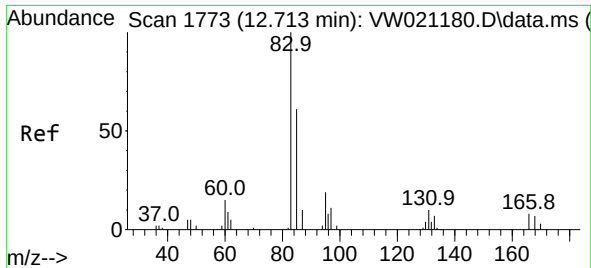
Tgt Ion:106 Resp: 79691
Ion Ratio Lower Upper
106 100
91 218.3 153.6 285.3



#55
Styrene
Concen: 27.014 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

Tgt Ion:104 Resp: 144101
Ion Ratio Lower Upper
104 100
78 42.5 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 22.025 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW021195.D

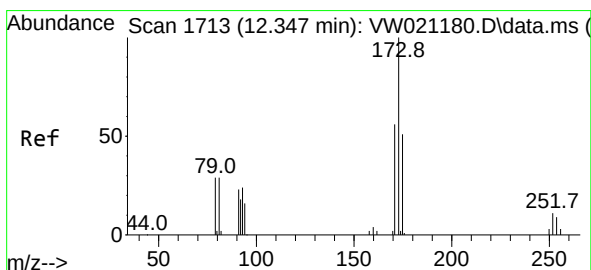
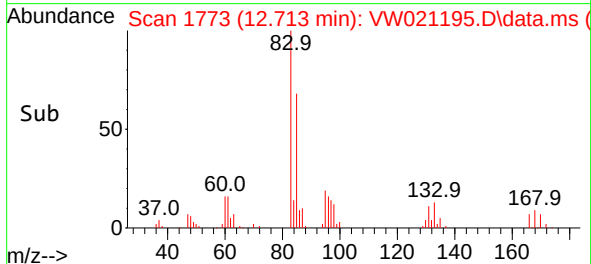
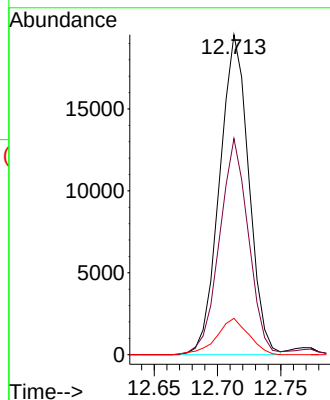
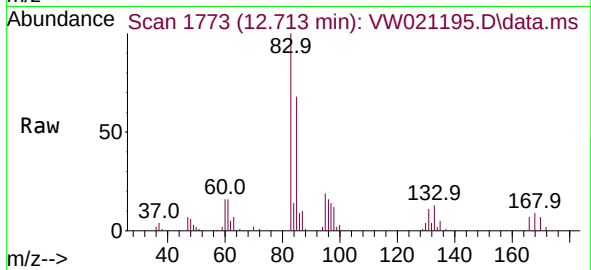
Acq: 07 Dec 2021 09:32

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	31338
Ion Ratio	Lower	Upper	
83	100		
85	67.6	44.0	81.6
131	11.4	6.9	10.3



#59

Bromoform

Concen: 22.635 ug/L

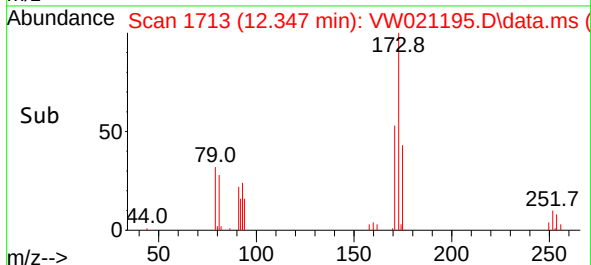
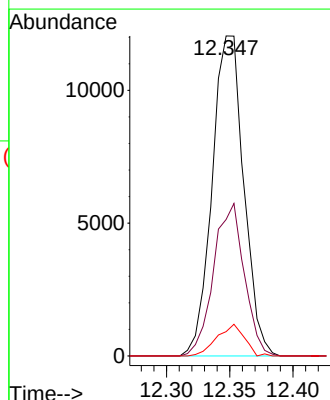
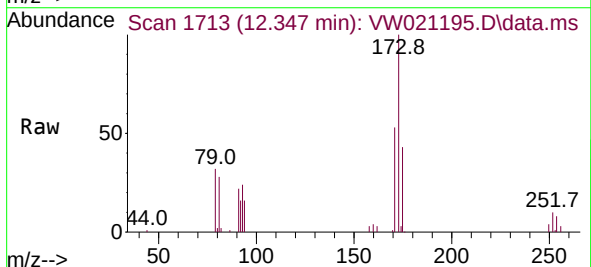
RT: 12.347 min Scan# 1713

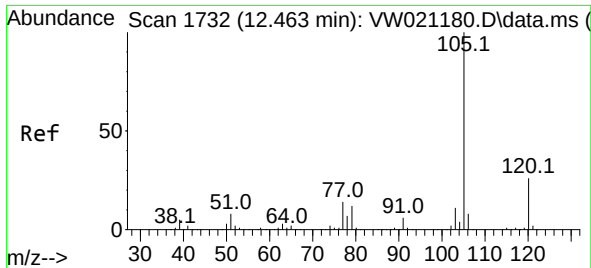
Delta R.T. 0.000 min

Lab File: VW021195.D

Acq: 07 Dec 2021 09:32

Tgt Ion:	173	Resp:	20967
Ion Ratio	Lower	Upper	
173	100		
175	46.1	39.6	59.4
254	8.5	7.4	11.0

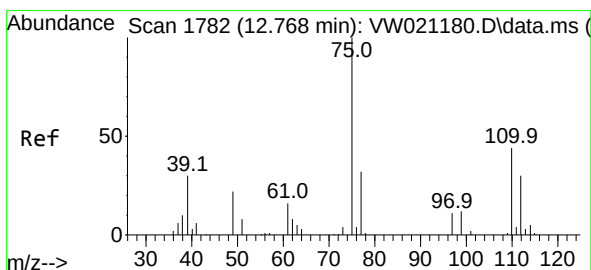
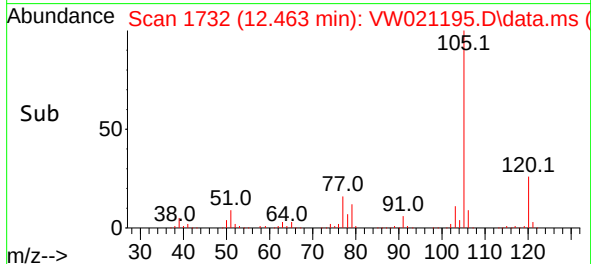
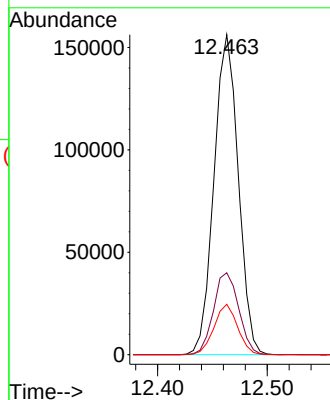
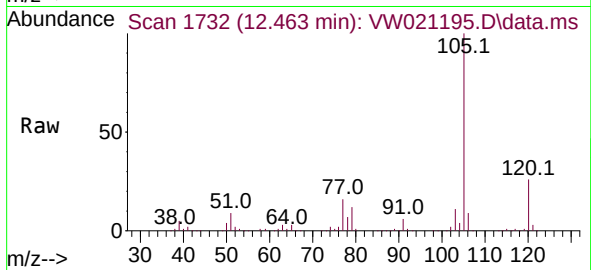




#60
Isopropylbenzene
Concen: 26.664 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

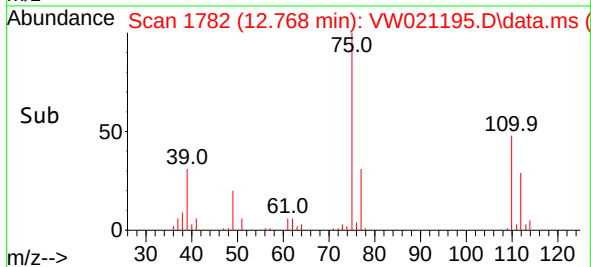
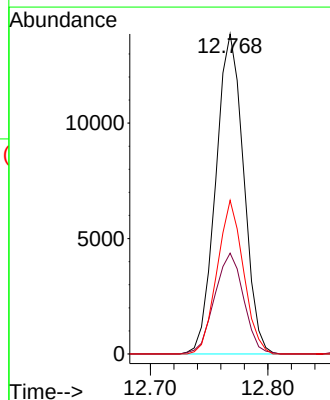
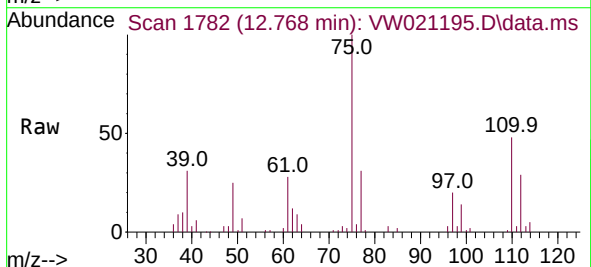
Instrument :
MSVOA_W
ClientSampleId :

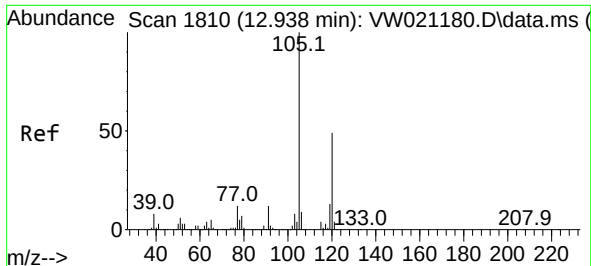
Tgt Ion:105 Resp: 240702
Ion Ratio Lower Upper
105 100
120 26.6 20.1 30.1
77 15.3 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 20.992 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

Tgt Ion: 75 Resp: 22841
Ion Ratio Lower Upper
75 100
77 32.8 25.8 38.8
110 45.5 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 26.577 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW021195.D

Acq: 07 Dec 2021 09:32

Instrument :

MSVOA_W

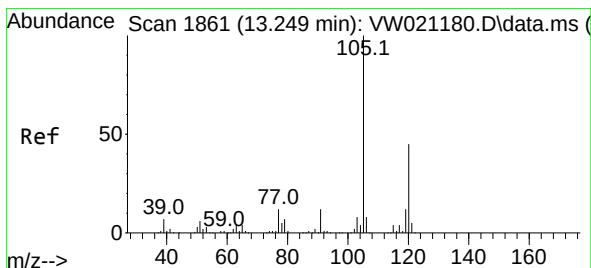
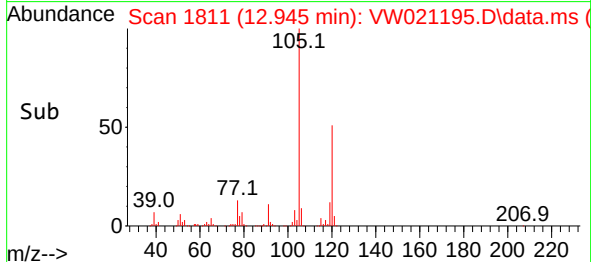
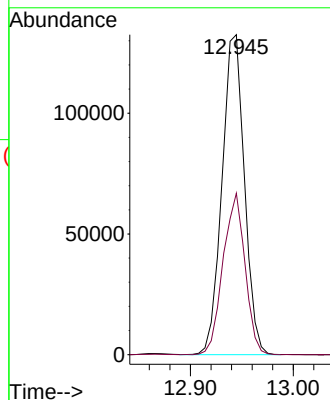
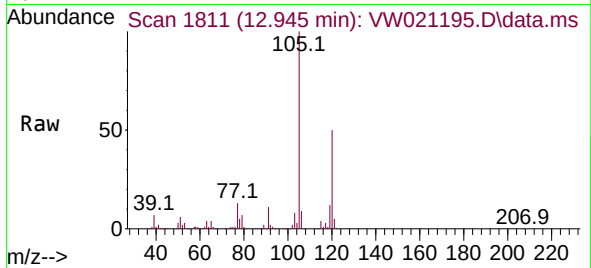
ClientSampleId :

Tgt Ion:105 Resp: 200912

Ion Ratio Lower Upper

105 100

120 49.4 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 26.339 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021195.D

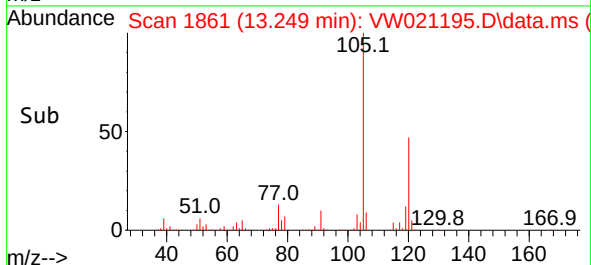
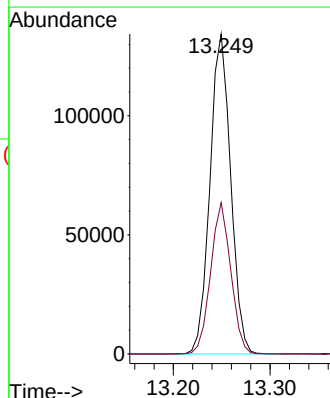
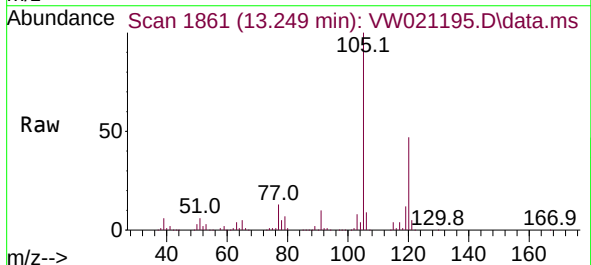
Acq: 07 Dec 2021 09:32

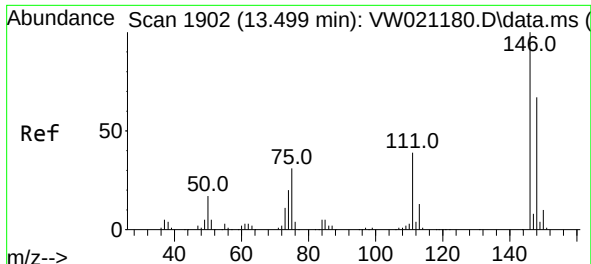
Tgt Ion:105 Resp: 200262

Ion Ratio Lower Upper

105 100

120 46.0 35.0 52.6

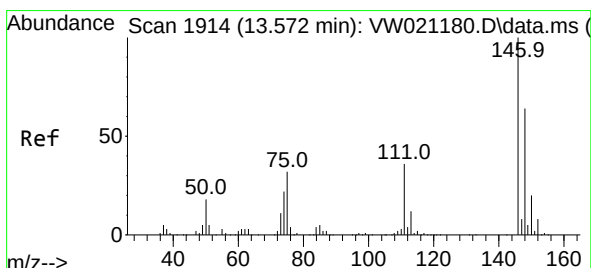
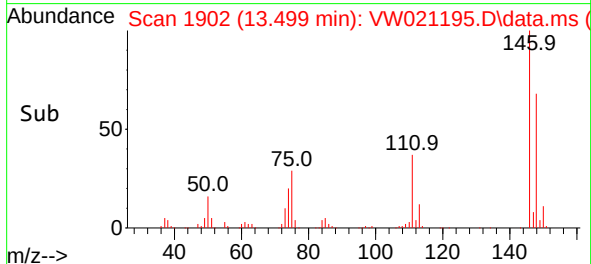
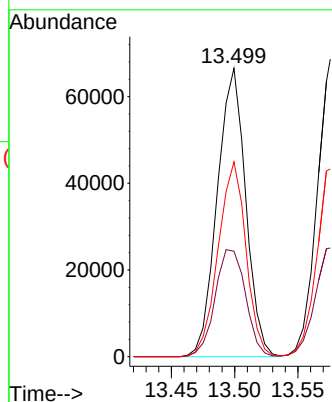
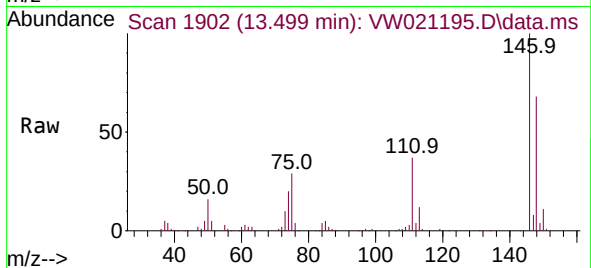




#64
1,3-Dichlorobenzene
Concen: 24.501 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

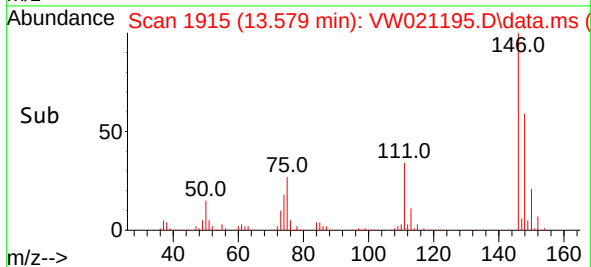
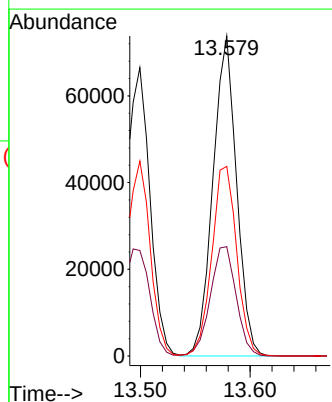
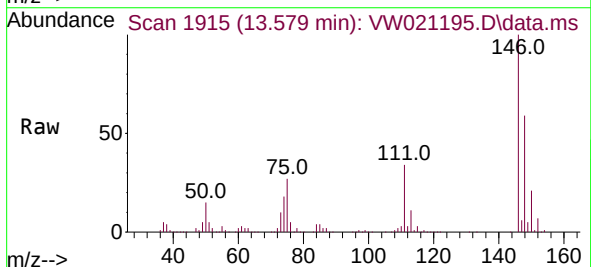
Instrument :
MSVOA_W
ClientSampleId :

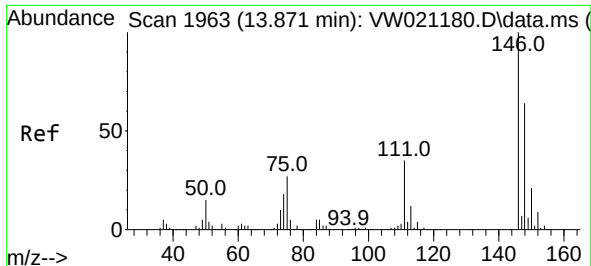
Tgt Ion:146 Resp: 104141
Ion Ratio Lower Upper
146 100
111 36.6 29.8 55.3
148 67.6 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 25.765 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW021195.D
Acq: 07 Dec 2021 09:32

Tgt Ion:146 Resp: 110682
Ion Ratio Lower Upper
146 100
111 34.2 29.0 53.9
148 59.2 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.736 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW021195.D

Acq: 07 Dec 2021 09:32

Instrument :

MSVOA_W

ClientSampleId :

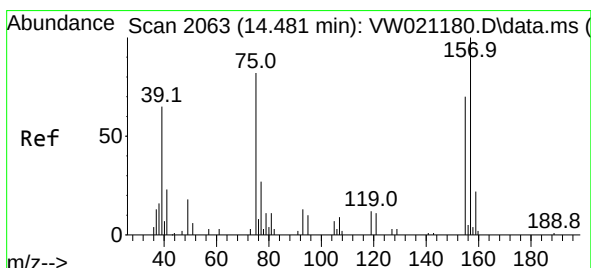
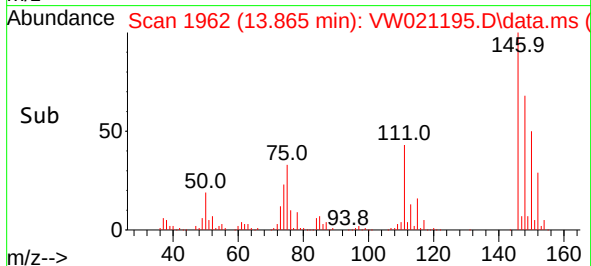
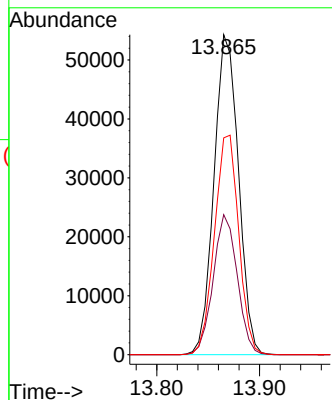
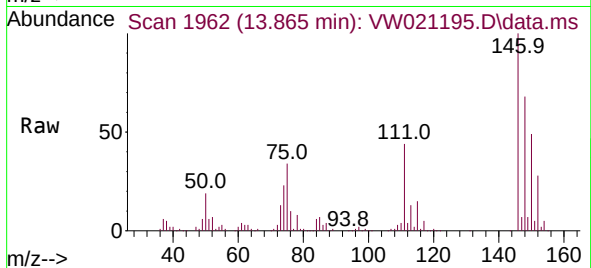
Tgt Ion:146 Resp: 89829

Ion Ratio Lower Upper

146 100

111 43.7 33.1 49.7

148 67.8 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 18.856 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021195.D

Acq: 07 Dec 2021 09:32

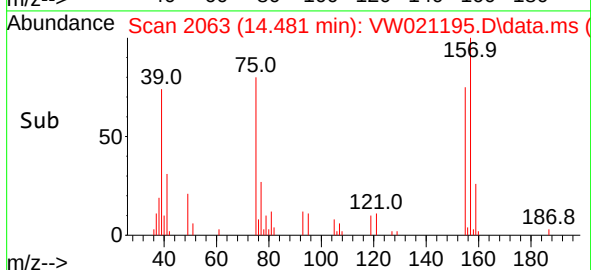
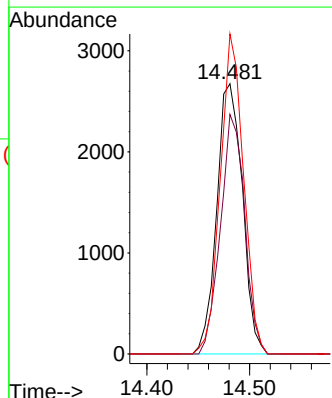
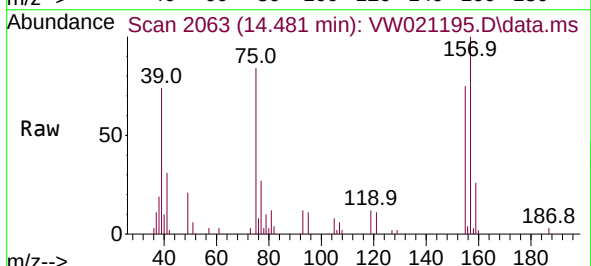
Tgt Ion: 75 Resp: 4633

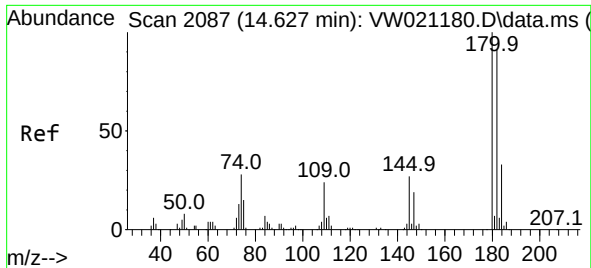
Ion Ratio Lower Upper

75 100

155 88.7 54.2 81.2#

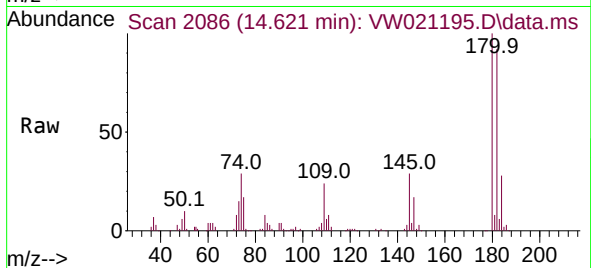
157 118.4 69.4 104.2#



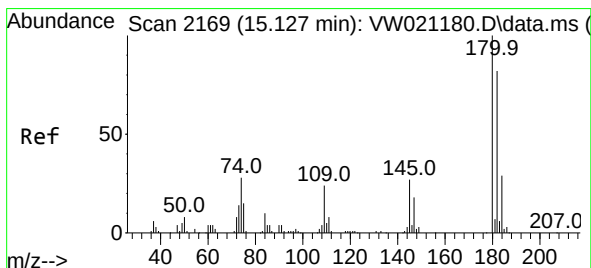
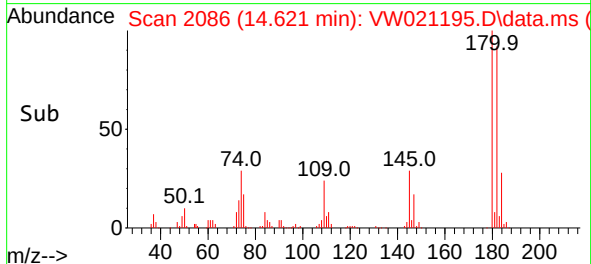
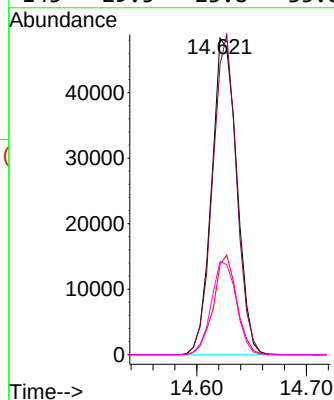


#69
 1,3,5-Trichlorobenzene
 Concen: 24.628 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. -0.006 min
 Lab File: VW021195.D
 Acq: 07 Dec 2021 09:32

Instrument :
 MSVOA_W
 ClientSampleId :

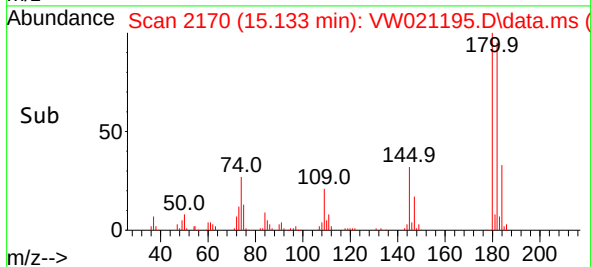
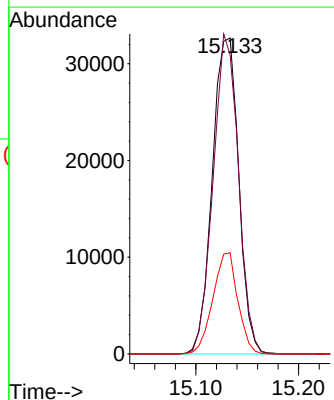
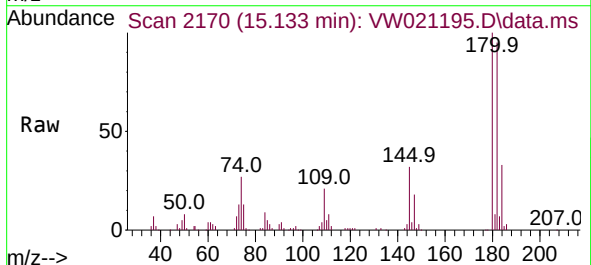


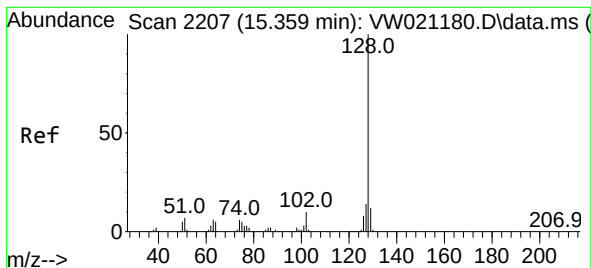
Tgt Ion:180 Resp: 76935
 Ion Ratio Lower Upper
 180 100
 182 96.6 75.4 113.0
 184 29.2 23.8 35.8
 145 29.5 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 22.675 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW021195.D
 Acq: 07 Dec 2021 09:32

Tgt Ion:180 Resp: 58205
 Ion Ratio Lower Upper
 180 100
 182 97.0 79.0 118.6
 145 30.3 26.0 39.0





#71

Naphthalene

Concen: 18.994 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW021195.D

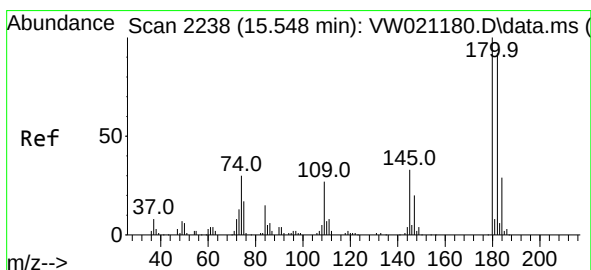
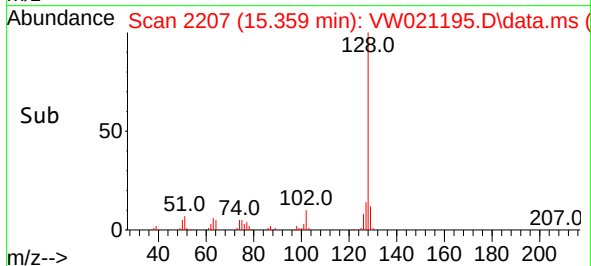
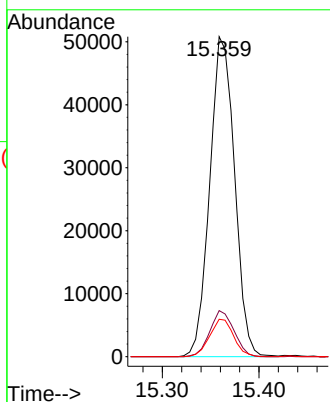
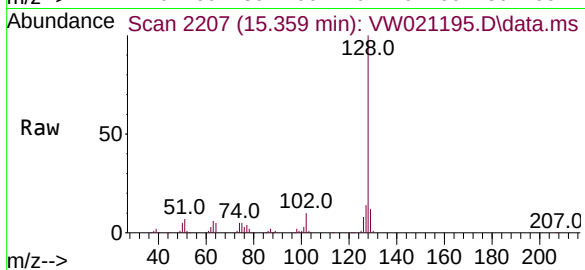
Acq: 07 Dec 2021 09:32

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	90636
Ion Ratio	Lower	Upper
128	100	
127	14.0	10.7 16.1
129	11.3	8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 22.715 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW021195.D

Acq: 07 Dec 2021 09:32

Tgt Ion:180	Resp:	50888
Ion Ratio	Lower	Upper
180	100	
182	91.8	76.6 114.8
145	31.2	27.4 41.0

