

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
 Data File : VW020615.D
 Acq On : 19 Oct 2021 17:31
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 20 01:40:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 20 01:35:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	182237	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	169957	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	91039	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	53969	20.352	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.400%
7) Chloroethane-d5	2.879	69	28140	20.090	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.360%
11) 1,1-Dichloroethene-d2	4.019	63	122415	22.529	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.120%
21) 2-Butanone-d5	7.080	46	38057	47.158	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.320%
24) Chloroform-d	7.653	84	144736	24.916	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.680%
26) 1,2-Dichloroethane-d4	8.305	65	78059	23.528	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.120%
32) Benzene-d6	8.275	84	264820	23.688	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.760%
36) 1,2-Dichloropropane-d6	9.275	67	85818	23.553	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.200%
41) Toluene-d8	10.323	98	238098	23.737	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.960%
43) trans-1,3-Dichloroprop...	10.579	79	34685	23.426	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.720%
47) 2-Hexanone-d5	10.927	63	27597	49.236	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.480%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	64950	23.583	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	79948	22.449	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	23518	19.971	ug/L	99
3) Chloromethane	2.209	50	63748	26.035	ug/L	97
5) Vinyl chloride	2.355	62	83199	24.158	ug/L	98
6) Bromomethane	2.770	94	32188	21.519	ug/L	96
8) Chloroethane	2.916	64	27916	21.952	ug/L	95
9) Trichlorofluoromethane	3.251	101	45208	23.071	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	71530	25.596	ug/L	99
12) 1,1-Dichloroethene	4.038	96	64494	25.171	ug/L	96
13) Acetone	4.129	43	34410	46.442	ug/L	97
14) Carbon disulfide	4.379	76	192679	23.119	ug/L	100
15) Methyl Acetate	4.678	43	33931	24.660	ug/L	99
16) Methylene chloride	4.916	84	80551	22.737	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	69978	26.031	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	106170	28.032	ug/L	99
19) 1,1-Dichloroethane	6.220	63	149498	27.127	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	77471	27.726	ug/L	100
22) 2-Butanone	7.177	43	44471	47.950	ug/L	99
23) Bromochloromethane	7.513	128	32372	26.415	ug/L	98
25) Chloroform	7.677	83	146086	27.267	ug/L	99

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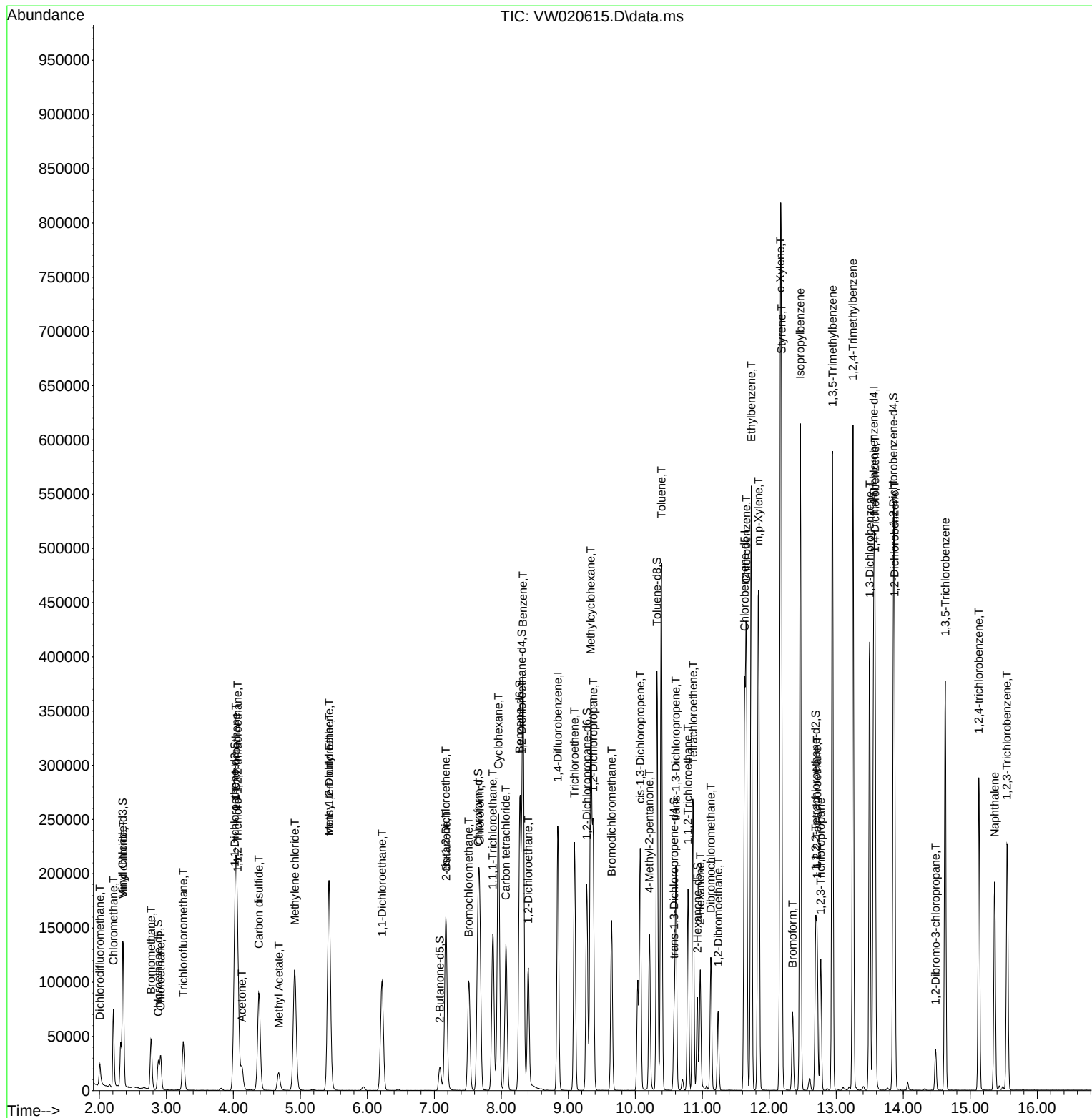
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	98426	26.860	ug/L	100
29) Cyclohexane	7.958	56	134366	27.004	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	114529	27.126	ug/L	100
31) Carbon tetrachloride	8.067	117	98597	26.561	ug/L	99
33) Benzene	8.323	78	324012	26.766	ug/L	100
34) Trichloroethene	9.092	95	78270	26.245	ug/L	97
35) Methylcyclohexane	9.336	83	132384	25.939	ug/L	99
37) 1,2-Dichloropropane	9.372	63	85530	27.283	ug/L	99
38) Bromodichloromethane	9.646	83	102357	27.233	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	119833	27.706	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	97820	51.989	ug/L	100
42) Toluene	10.390	91	336593	27.721	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	104859	27.501	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	53523	26.591	ug/L	98
46) Tetrachloroethene	10.866	164	55384	25.855	ug/L	91
48) 2-Hexanone	10.969	43	71728	51.959	ug/L	99
49) Dibromochloromethane	11.128	129	60370	27.225	ug/L	100
50) 1,2-Dibromoethane	11.238	107	47321	25.595	ug/L	99
51) Chlorobenzene	11.658	112	200379	26.762	ug/L	100
52) Ethylbenzene	11.731	91	371865	28.242	ug/L	99
53) m,p-Xylene	11.841	106	138426	28.374	ug/L	96
54) o-Xylene	12.164	106	130707	29.011	ug/L	99
55) Styrene	12.183	104	231309	29.362	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	64312	25.774	ug/L	97
59) Bromoform	12.347	173	31442	24.653	ug/L	98
60) Isopropylbenzene	12.463	105	359126	26.876	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	47293	23.580	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	305834	28.033	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	303053	28.044	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	152335	26.348	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	156191	26.118	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	135332	25.550	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	10243	24.044	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	105260	25.532	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	84185	25.789	ug/L	99
71) Naphthalene	15.365	128	150015	25.560	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	70898	24.728	ug/L	95

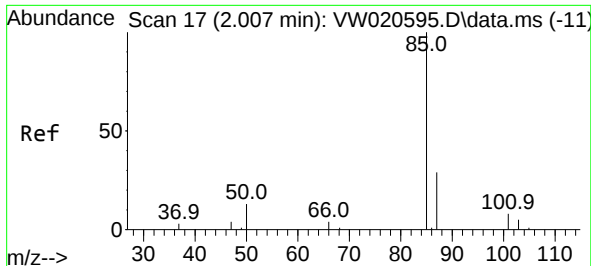
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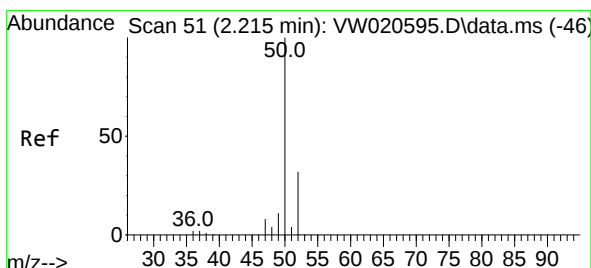
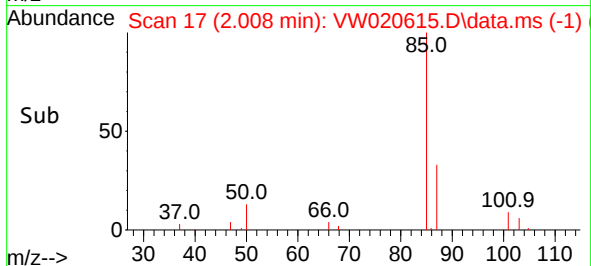
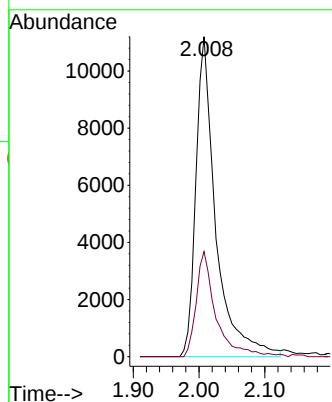
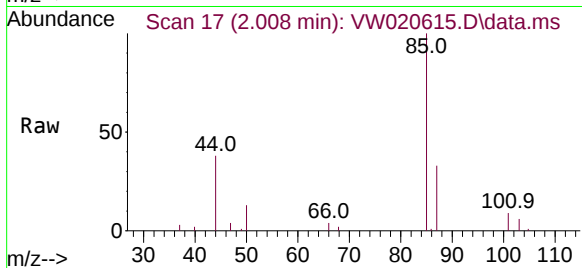




#2
 Dichlorodifluoromethane
 Concen: 19.971 ug/L
 RT: 2.008 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: VW020615.D
 Acq: 19 Oct 2021 17:31

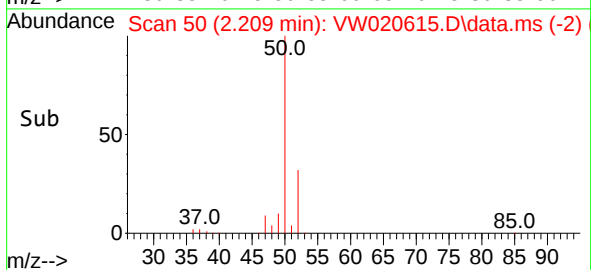
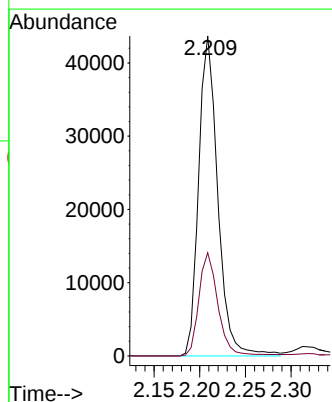
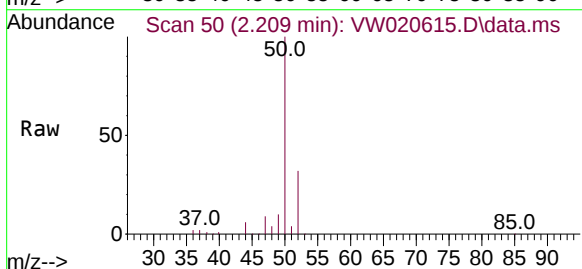
Instrument :
 MSVOA_W
 ClientSampled :

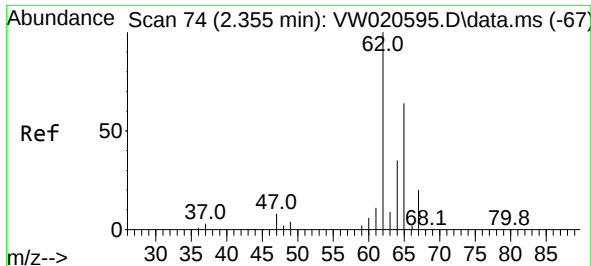
Tgt Ion: 85 Resp: 23518
 Ion Ratio Lower Upper
 85 100
 87 31.9 24.9 37.3



#3
 Chloromethane
 Concen: 26.035 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW020615.D
 Acq: 19 Oct 2021 17:31

Tgt Ion: 50 Resp: 63748
 Ion Ratio Lower Upper
 50 100
 52 32.3 21.5 39.9

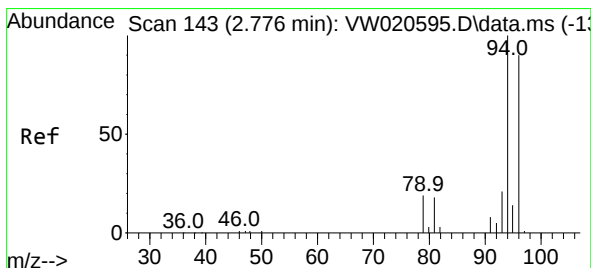
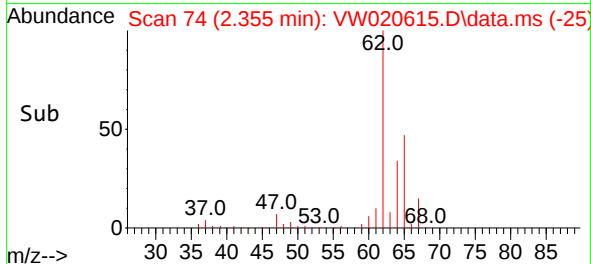
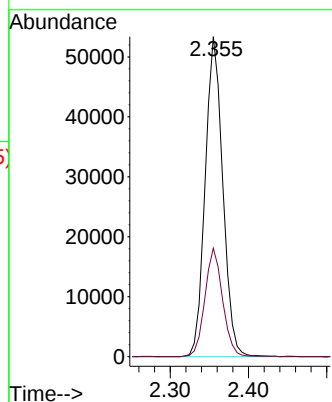
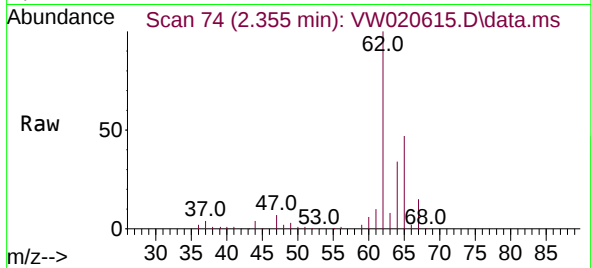




#5
 Vinyl chloride
 Concen: 24.158 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW020615.D
 Acq: 19 Oct 2021 17:31

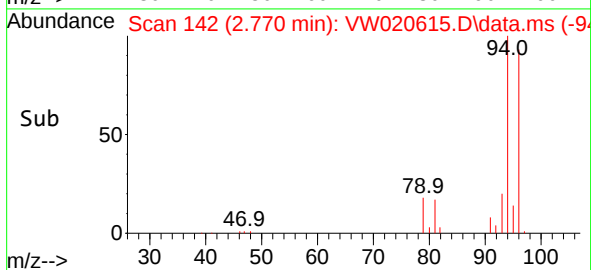
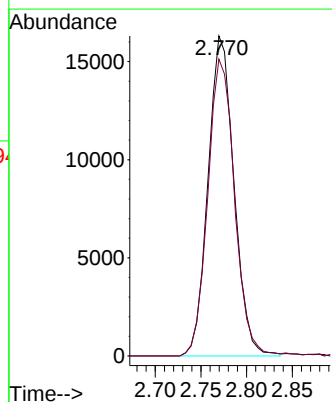
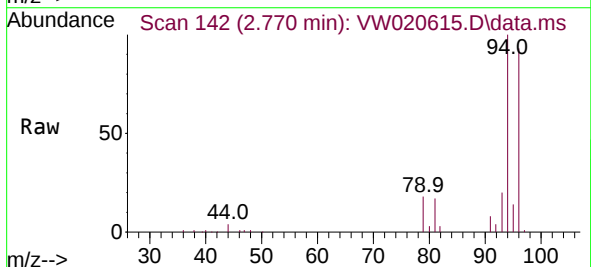
Instrument :
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 ClientSampled :

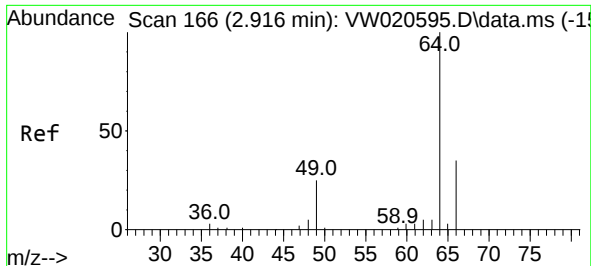
Tgt Ion: 62 Resp: 83199
 Ion Ratio Lower Upper
 62 100
 64 33.9 24.6 45.6



#6
 Bromomethane
 Concen: 21.519 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW020615.D
 Acq: 19 Oct 2021 17:31

Tgt Ion: 94 Resp: 32188
 Ion Ratio Lower Upper
 94 100
 96 92.7 67.8 126.0

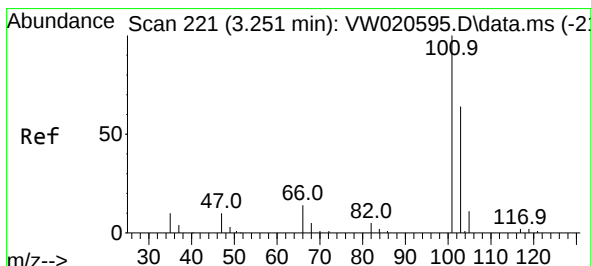
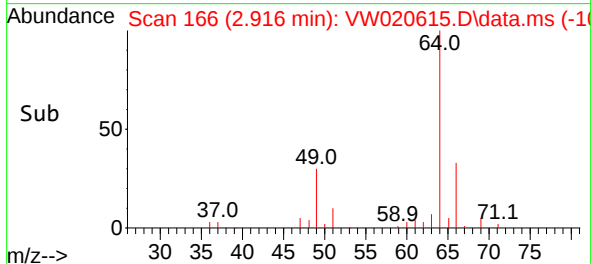
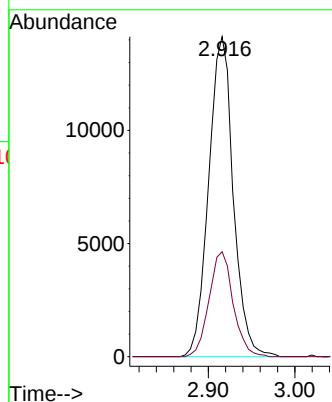
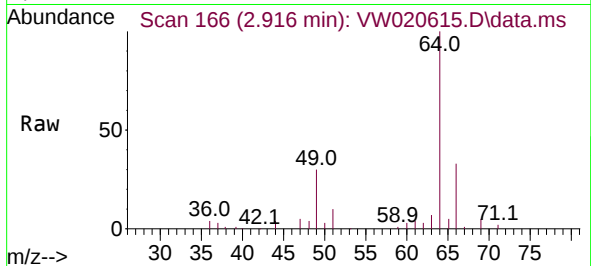




#8
Chloroethane
Concen: 21.952 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

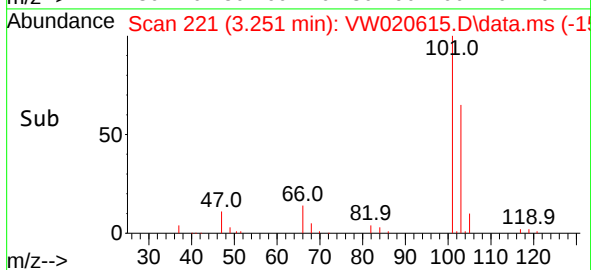
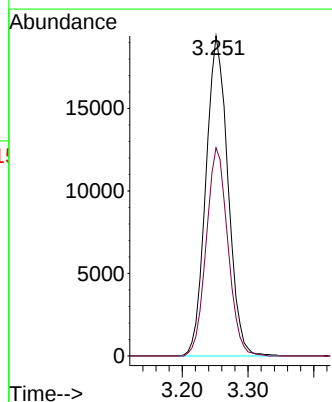
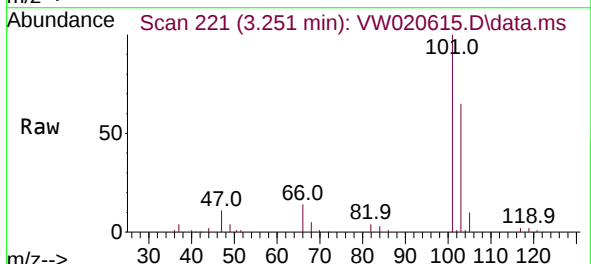
Instrument :
MSVOA_W
ClientSampled :

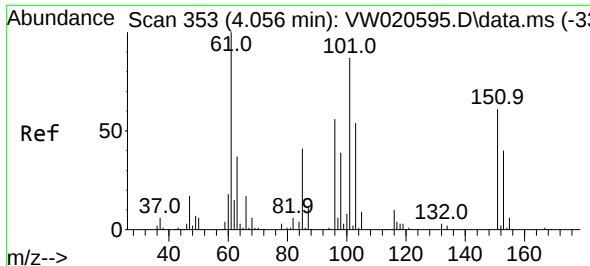
Tgt Ion: 64 Resp: 27916
Ion Ratio Lower Upper
64 100
66 32.8 21.2 39.4



#9
Trichlorofluoromethane
Concen: 23.071 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

Tgt Ion: 101 Resp: 45208
Ion Ratio Lower Upper
101 100
103 63.9 52.2 78.4

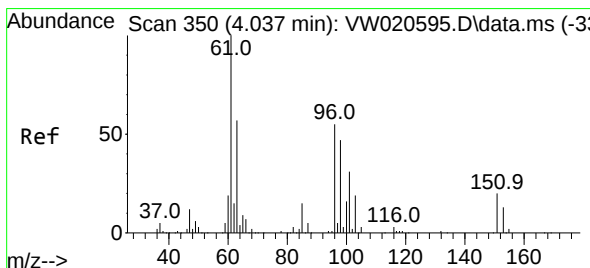
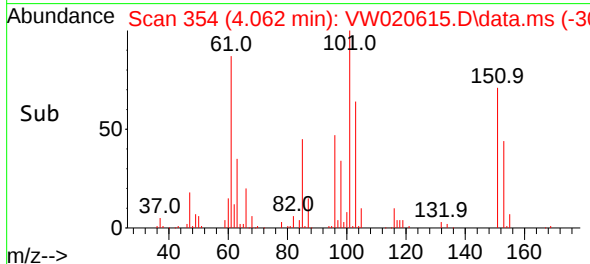
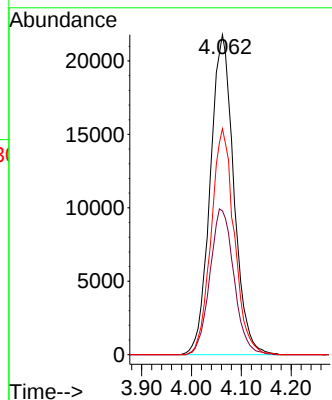
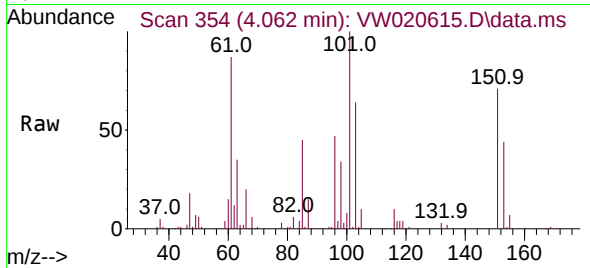




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.596 ug/L
RT: 4.062 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

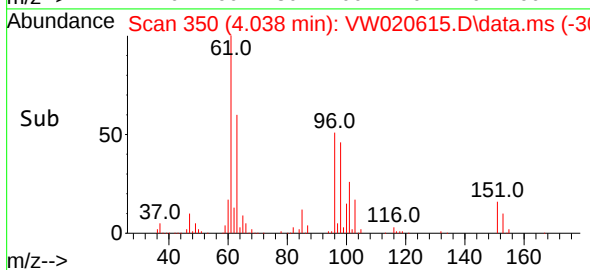
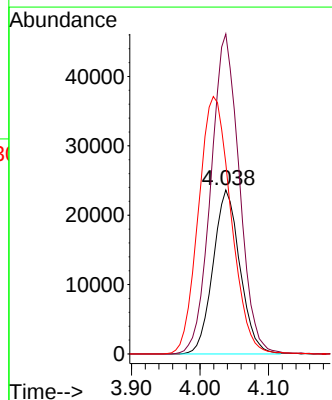
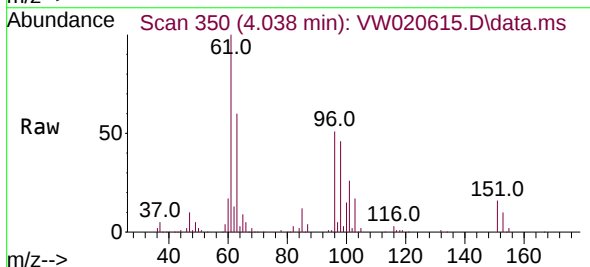
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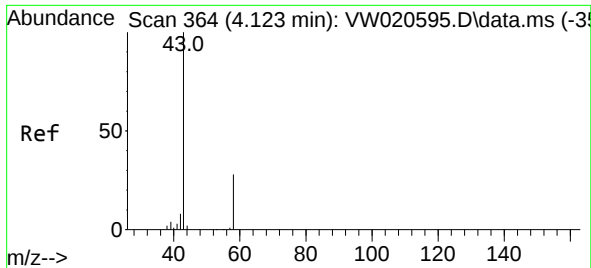
Tgt Ion:101 Resp: 71530
Ion Ratio Lower Upper
101 100
85 46.4 36.3 54.5
151 69.3 56.5 84.7



#12
1,1-Dichloroethene
Concen: 25.171 ug/L
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW020615.D
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Tgt Ion: 96 Resp: 64494
Ion Ratio Lower Upper
96 100
61 195.1 133.9 248.7
63 116.3 77.3 143.7

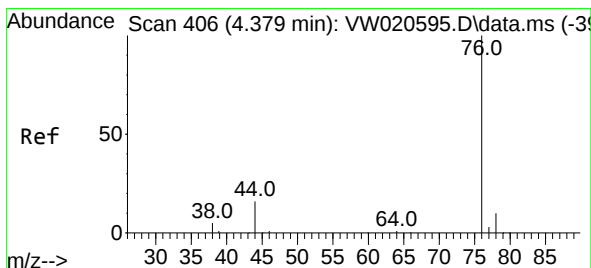
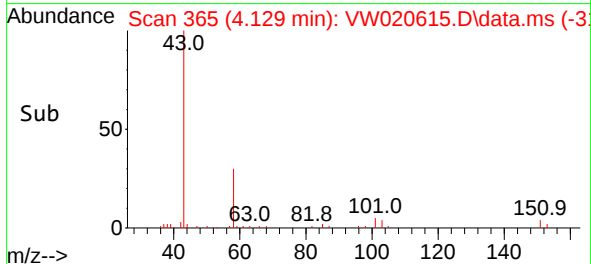
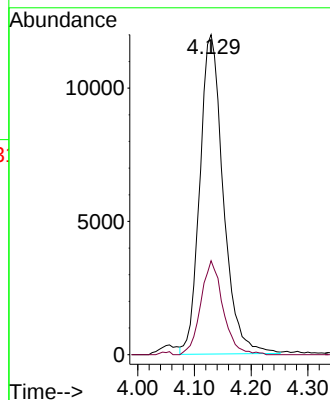
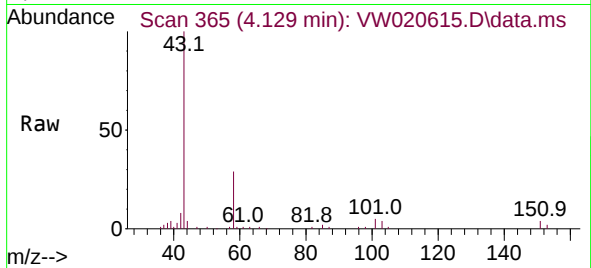




#13
Acetone
Concen: 46.442 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
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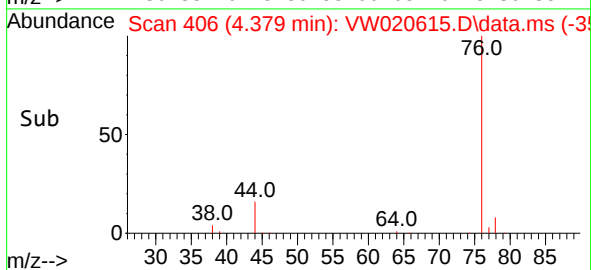
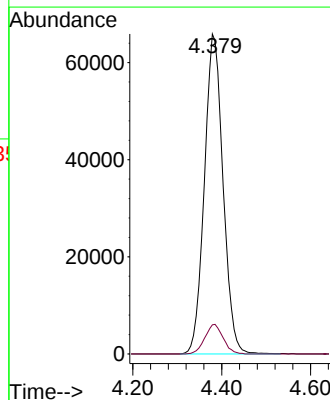
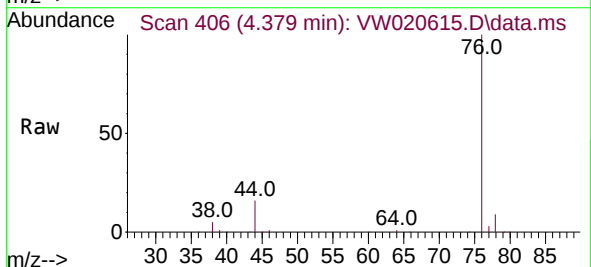
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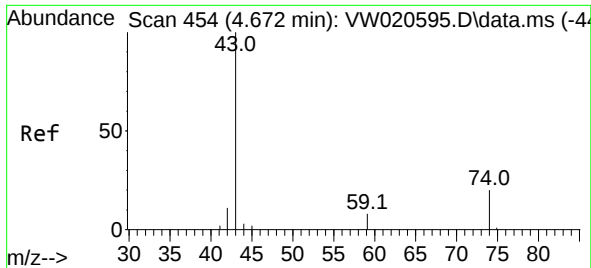
Tgt Ion: 43 Resp: 34410
Ion Ratio Lower Upper
43 100
58 27.7 0.0 58.4



#14
Carbon disulfide
Concen: 23.119 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 192679
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

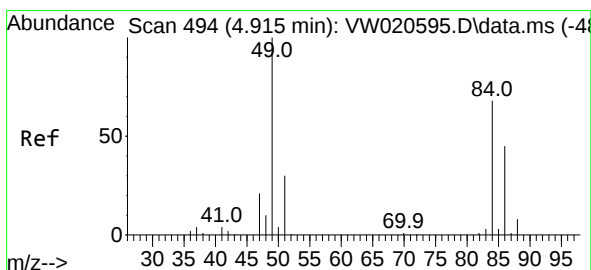
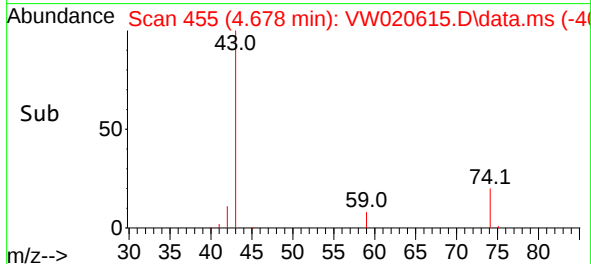
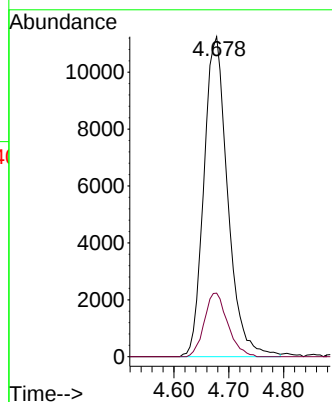
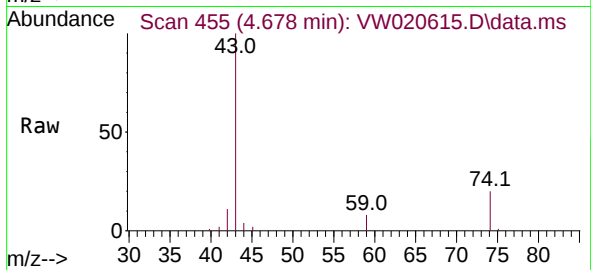




#15
Methyl Acetate
Concen: 24.660 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

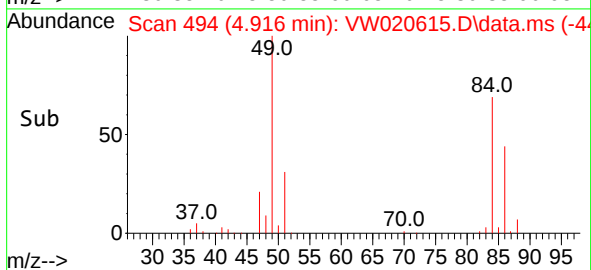
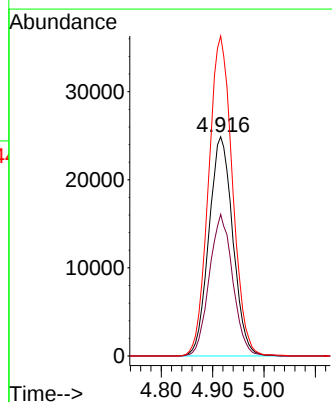
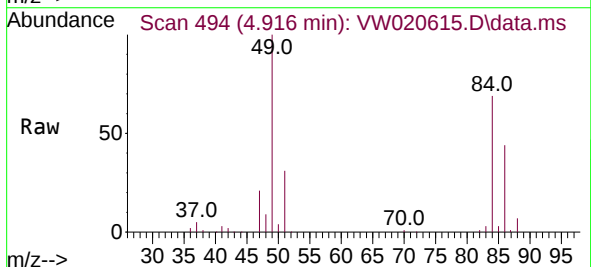
Instrument :
MSVOA_W
ClientSampled :

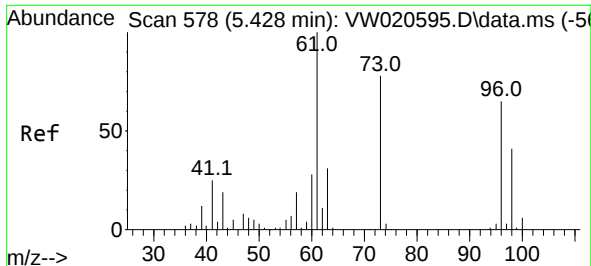
Tgt Ion: 43 Resp: 33931
Ion Ratio Lower Upper
43 100
74 19.5 16.1 24.1



#16
Methylene chloride
Concen: 22.737 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

Tgt Ion: 84 Resp: 80551
Ion Ratio Lower Upper
84 100
86 64.6 44.7 83.1
49 146.0 101.7 188.9



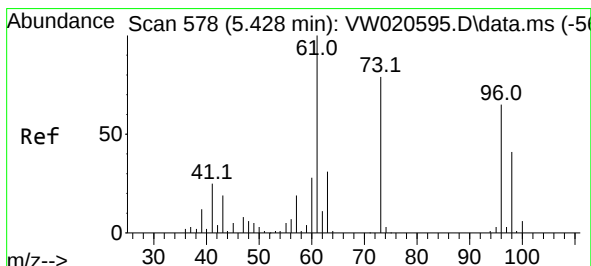
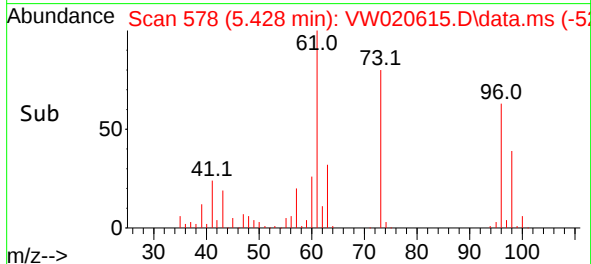
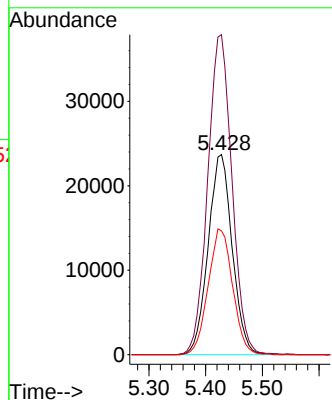
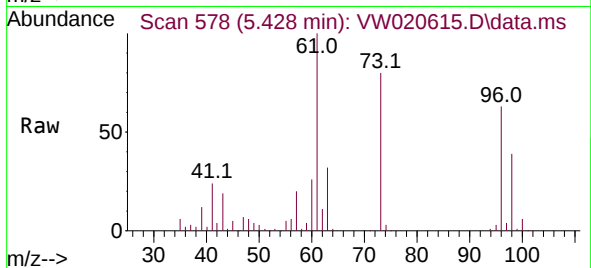


#17

trans-1,2-Dichloroethene
Concen: 26.031 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

Instrument :
MSVOA_W
ClientSampled :

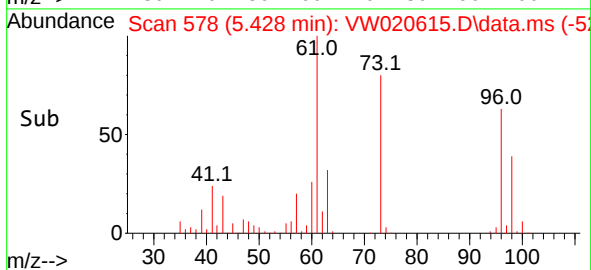
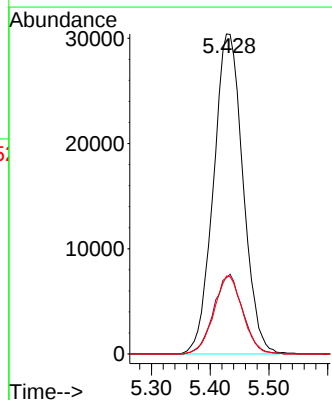
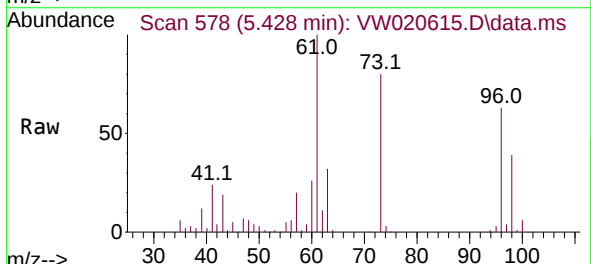
Tgt Ion:	96	Resp:	69978
Ion	Ratio	Lower	Upper
96	100		
61	159.8	110.7	205.5
98	61.8	43.9	81.5

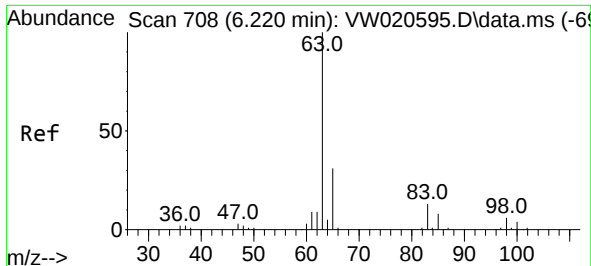


#18

Methyl tert-butyl Ether
Concen: 28.032 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

Tgt Ion:	73	Resp:	106170
Ion	Ratio	Lower	Upper
73	100		
43	24.4	18.9	28.3
57	23.8	18.9	28.3





#19

1,1-Dichloroethane

Concen: 27.127 ug/L

RT: 6.220 min Scan# 708

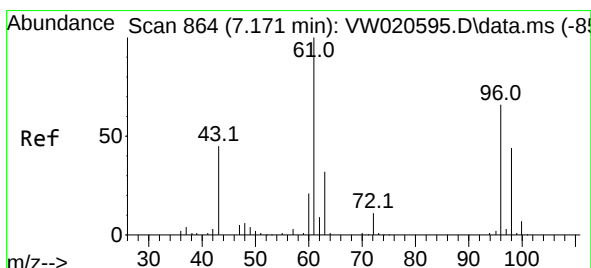
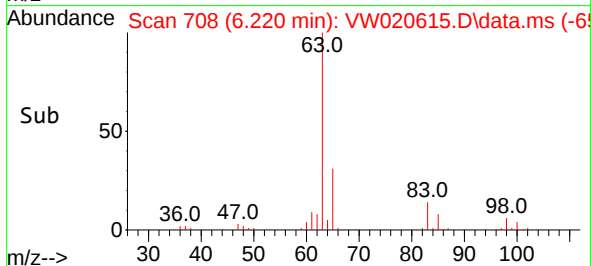
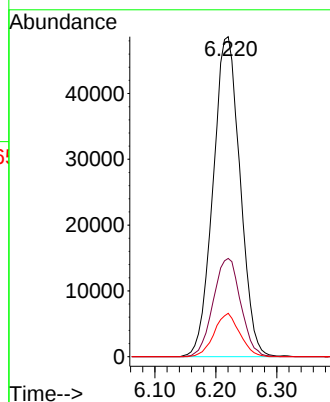
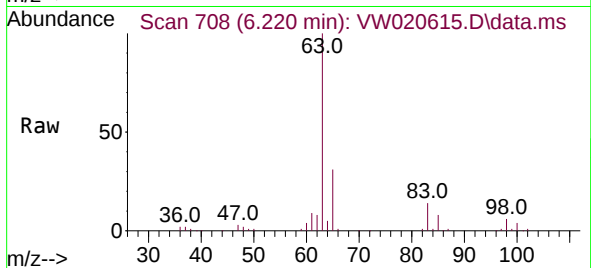
Delta R.T. 0.000 min

Lab File: VW020615.D

Acq: 19 Oct 2021 17:31

Tgt Ion:	63	Resp:	149498
Ion	Ratio	Lower	Upper
63	100		
65	30.7	21.9	40.7
83	13.5	9.0	16.6

Instrument :
MSVOA_W
ClientSampleId :



#20

cis-1,2-Dichloroethene

Concen: 27.726 ug/L

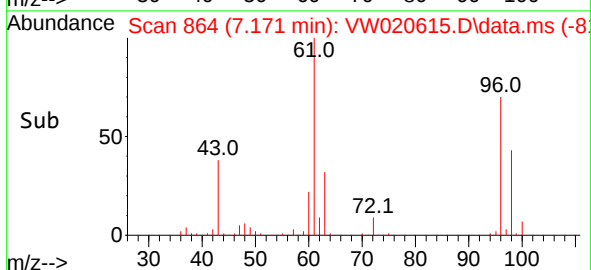
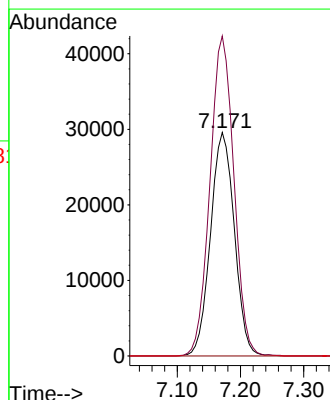
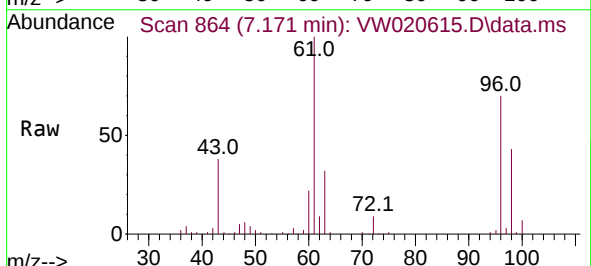
RT: 7.171 min Scan# 864

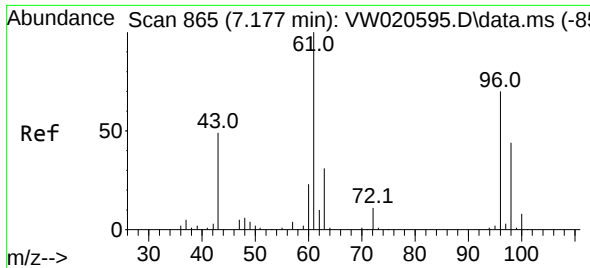
Delta R.T. 0.000 min

Lab File: VW020615.D

Acq: 19 Oct 2021 17:31

Tgt Ion:	96	Resp:	77471
Ion	Ratio	Lower	Upper
96	100		
61	143.2	100.3	186.3
68	0.0	0.0	0.0

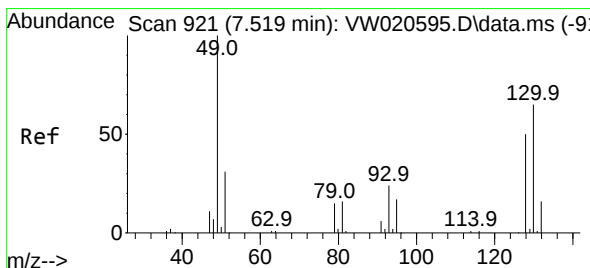
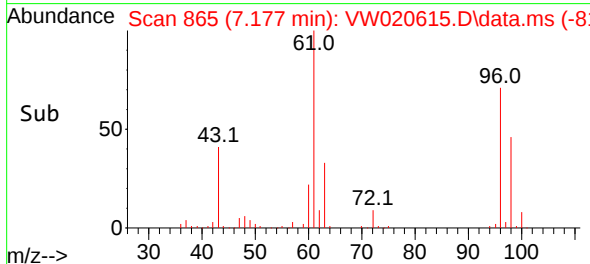
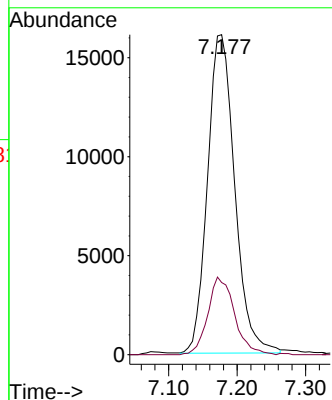
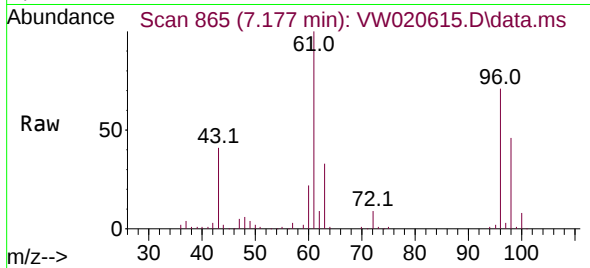




#22
2-Butanone
Concen: 47.950 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

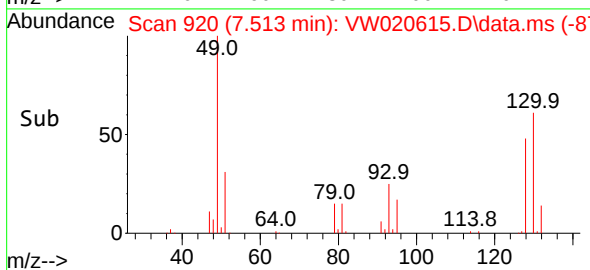
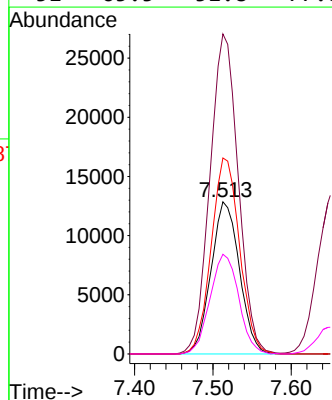
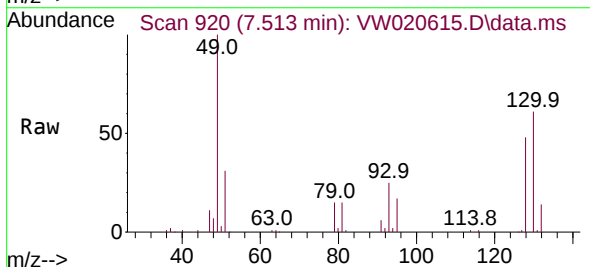
Instrument :
MSVOA_W
ClientSampled :

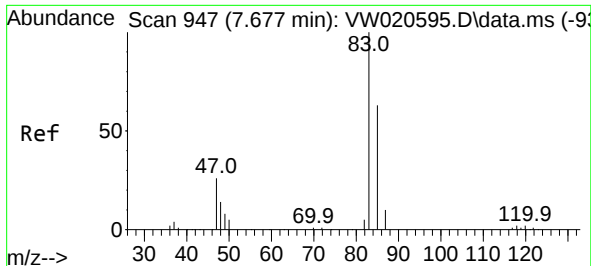
Tgt Ion: 43 Resp: 44471
Ion Ratio Lower Upper
43 100
72 23.8 12.2 36.6



#23
Bromochloromethane
Concen: 26.415 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

Tgt Ion: 128 Resp: 32372
Ion Ratio Lower Upper
128 100
49 210.3 144.1 267.7
130 128.8 89.2 165.6
51 65.5 51.8 77.8





#25

Chloroform

Concen: 27.267 ug/L

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW020615.D

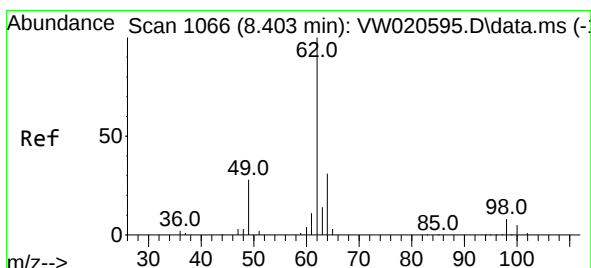
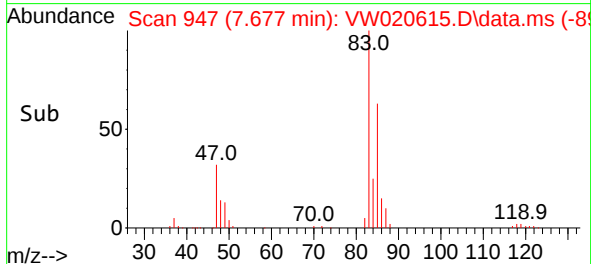
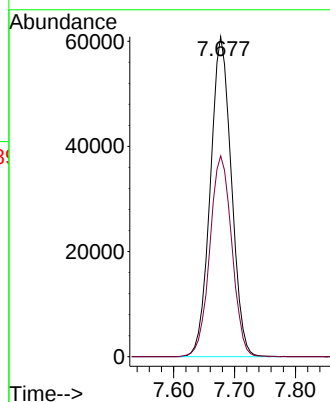
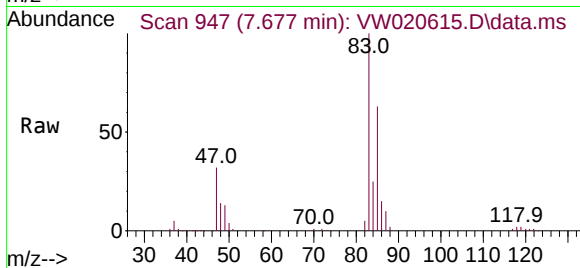
Acq: 19 Oct 2021 17:31

Tgt Ion: 83 Resp: 146086

Ion Ratio Lower Upper

83 100

85 62.7 44.6 82.8



#27

1,2-Dichloroethane

Concen: 26.860 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW020615.D

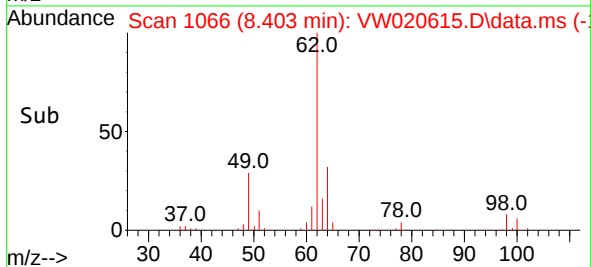
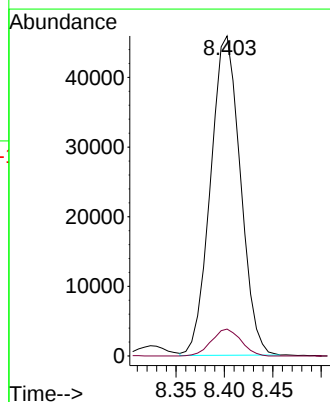
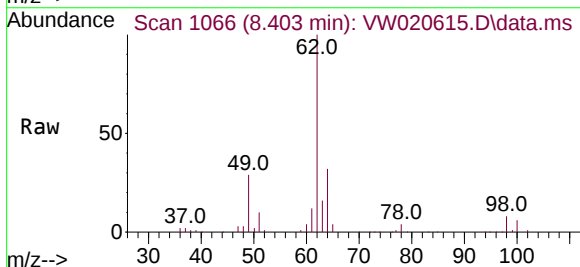
Acq: 19 Oct 2021 17:31

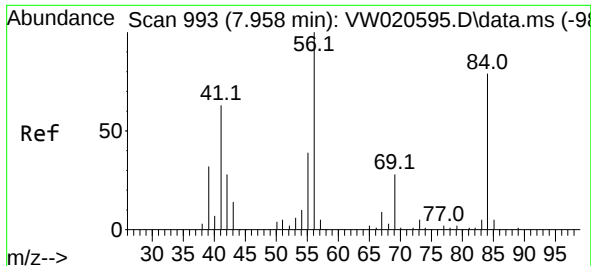
Tgt Ion: 62 Resp: 98426

Ion Ratio Lower Upper

62 100

98 8.4 6.6 10.0

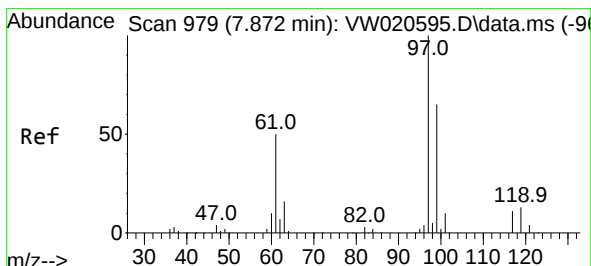
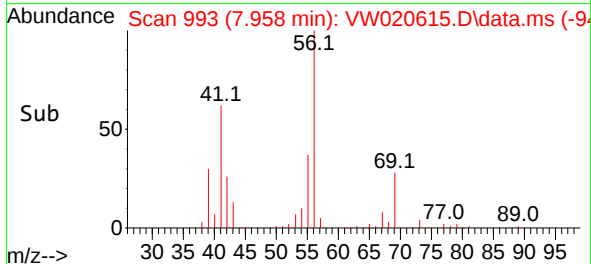
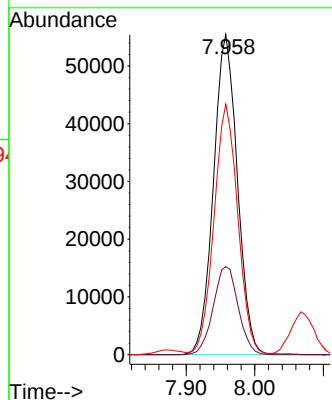
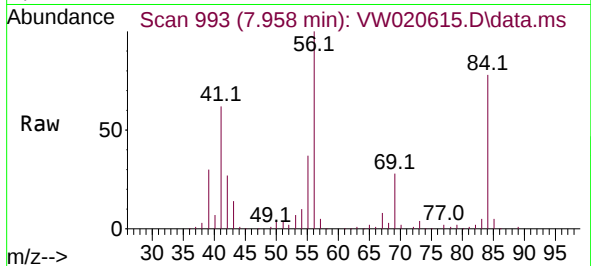




#29
Cyclohexane
Concen: 27.004 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

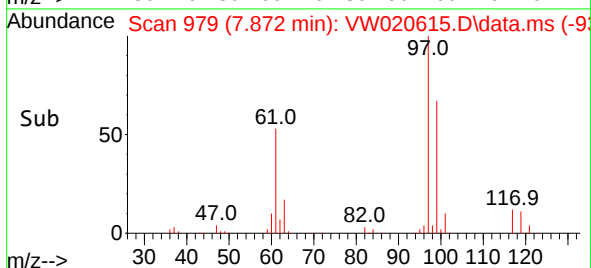
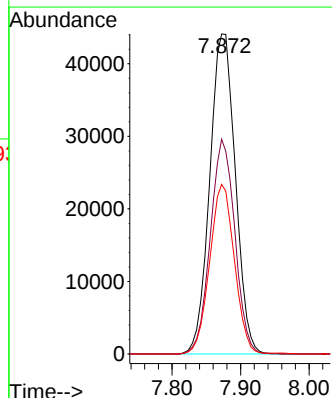
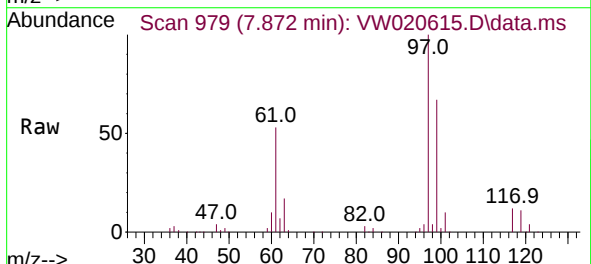
Instrument :
MSVOA_W
ClientSampled :

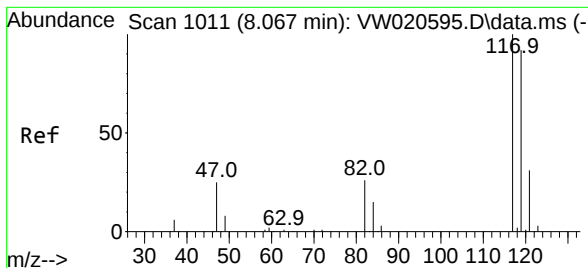
Tgt Ion:	56	Resp:	134366
Ion Ratio	Lower	Upper	
56	100		
69	28.7	23.2	34.8
84	78.0	63.7	95.5



#30
1,1,1-Trichloroethane
Concen: 27.126 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

Tgt Ion:	97	Resp:	114529
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.4	77.0
61	51.2	41.0	61.6

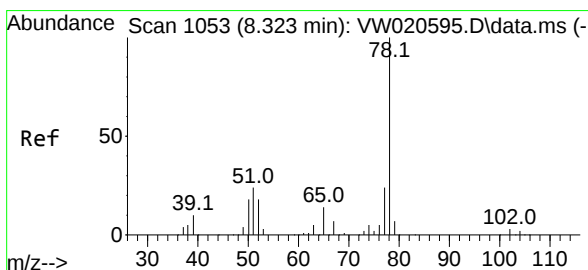
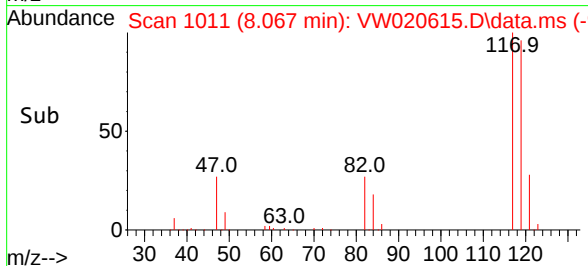
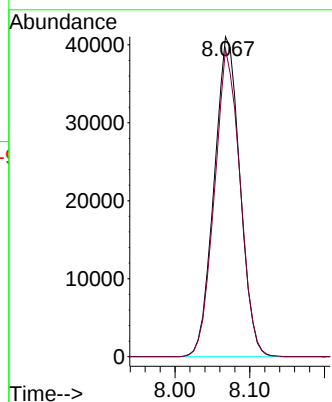
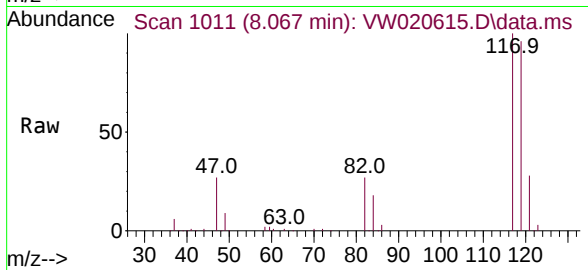




#31
Carbon tetrachloride
Concen: 26.561 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

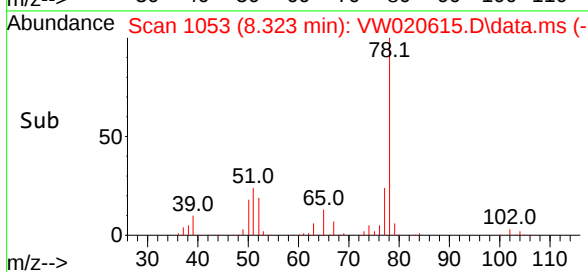
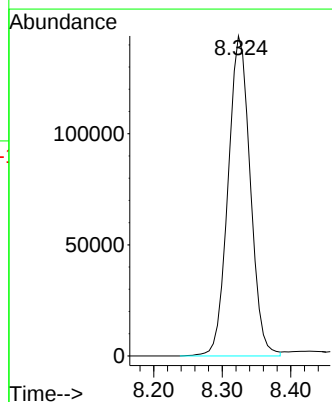
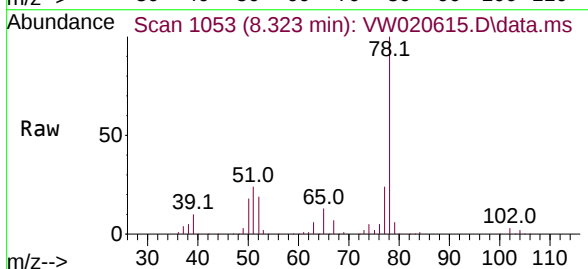
Instrument :
MSVOA_W
ClientSampled :

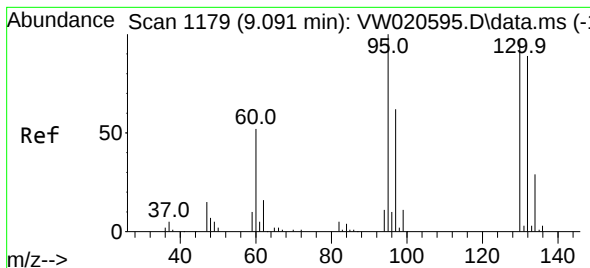
Tgt Ion:117 Resp: 98597
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.4



#33
Benzene
Concen: 26.766 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

Tgt Ion: 78 Resp: 324012





#34

Trichloroethene

Concen: 26.245 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW020615.D

Acq: 19 Oct 2021 17:31

Tgt Ion: 95 Resp: 78270

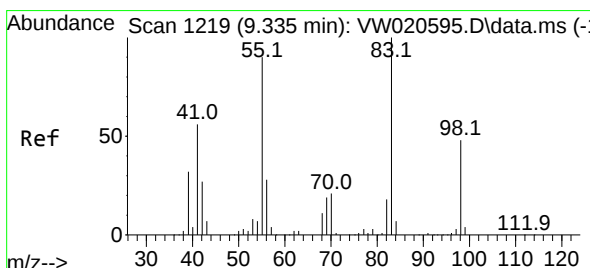
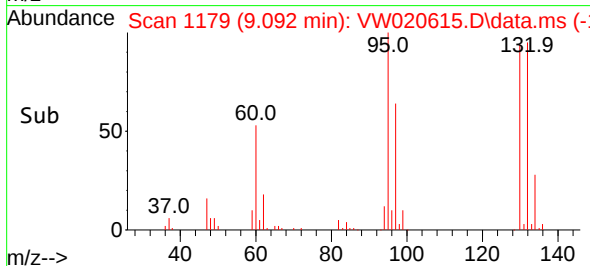
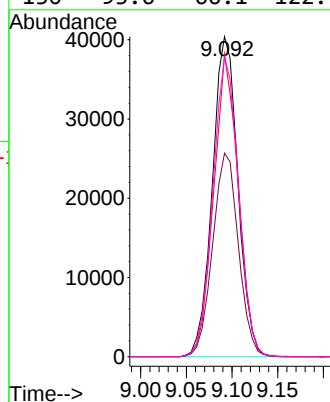
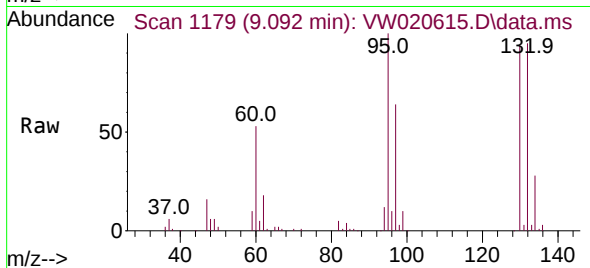
Ion Ratio Lower Upper

95 100

97 63.6 43.2 80.2

132 94.5 62.3 115.7

130 93.6 66.1 122.7



#35

Methylcyclohexane

Concen: 25.939 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW020615.D

Acq: 19 Oct 2021 17:31

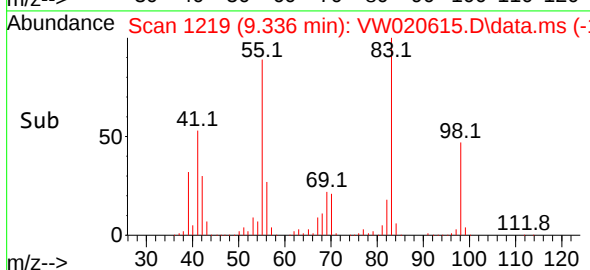
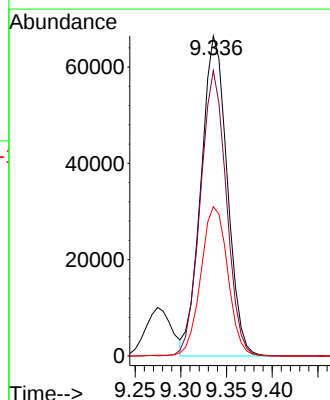
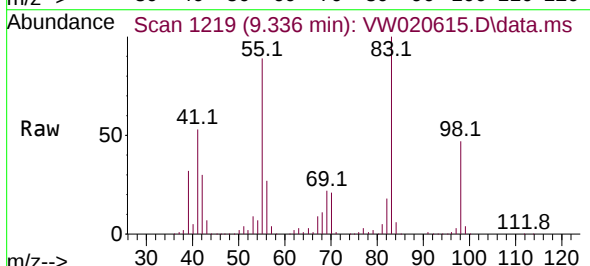
Tgt Ion: 83 Resp: 132384

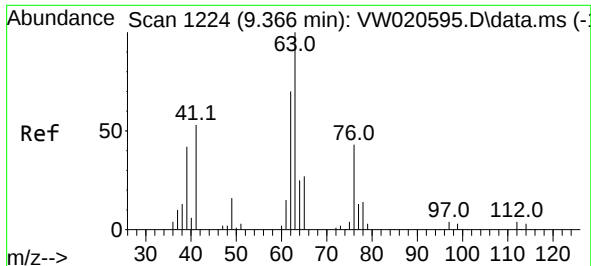
Ion Ratio Lower Upper

83 100

55 88.3 69.7 104.5

98 47.9 38.2 57.2

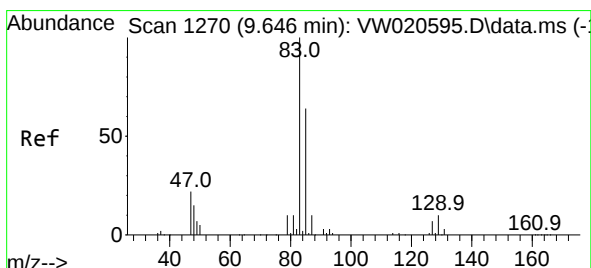
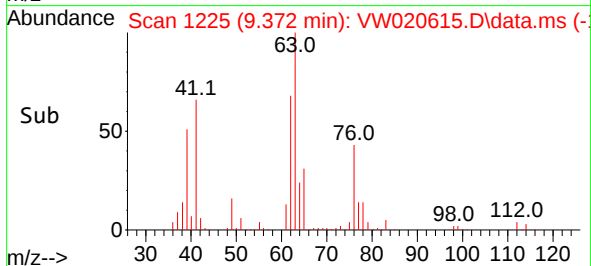
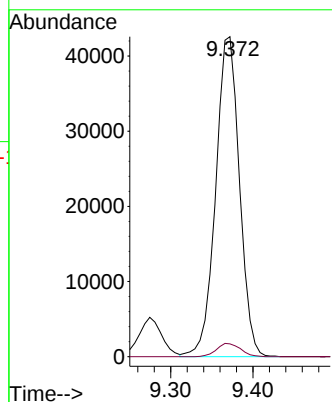
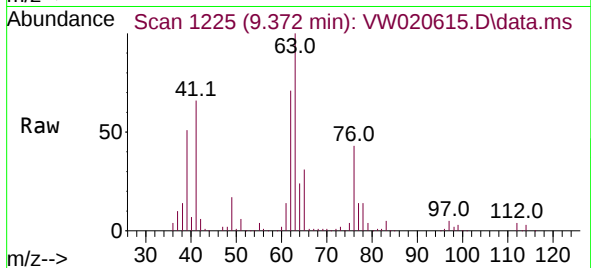




#37
1,2-Dichloropropane
Concen: 27.283 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

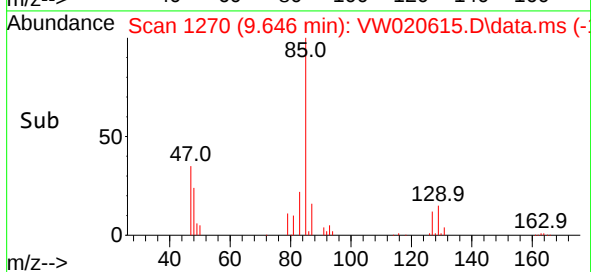
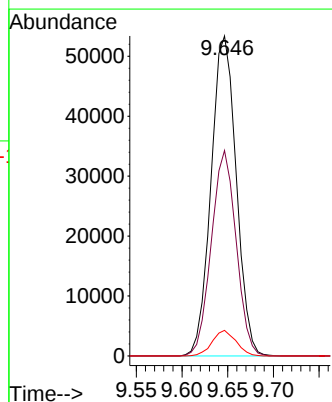
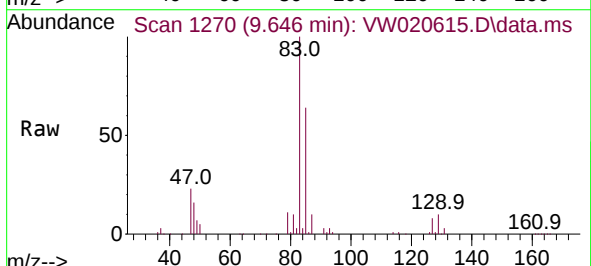
Instrument :
MSVOA_W
ClientSampled :

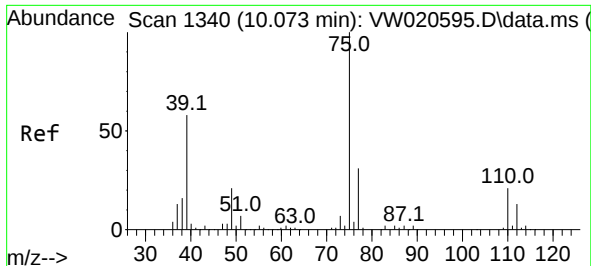
Tgt Ion: 63 Resp: 85530
Ion Ratio Lower Upper
63 100
112 4.2 3.5 5.3



#38
Bromodichloromethane
Concen: 27.233 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

Tgt Ion: 83 Resp: 102357
Ion Ratio Lower Upper
83 100
85 64.2 43.4 80.6
127 8.0 6.2 9.2

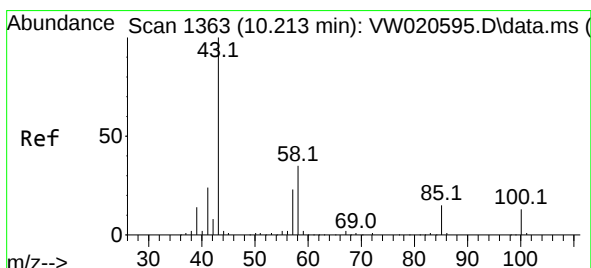
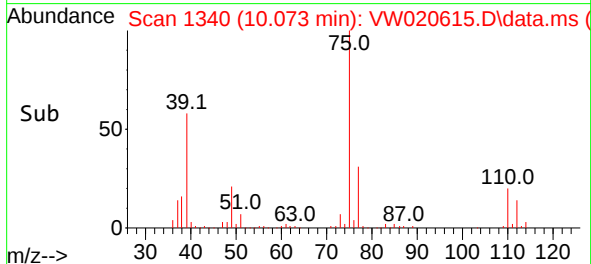
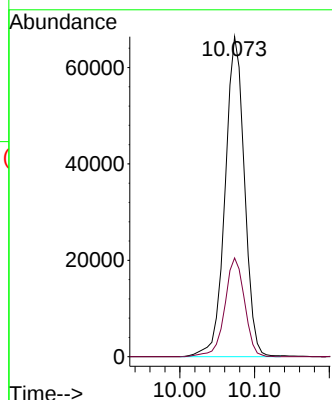
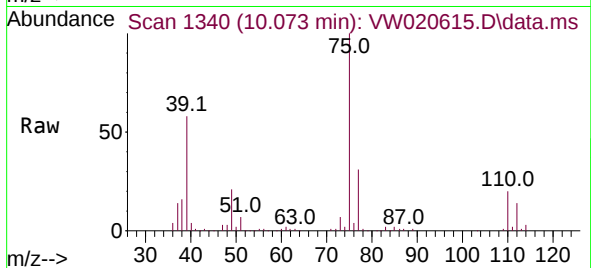




#39
cis-1,3-Dichloropropene
Concen: 27.706 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

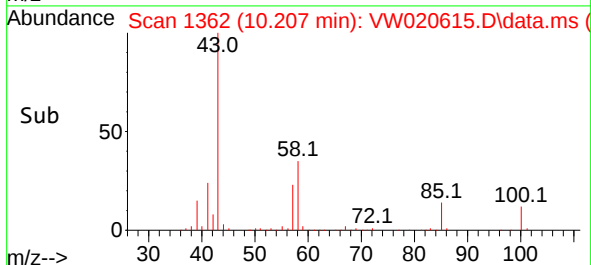
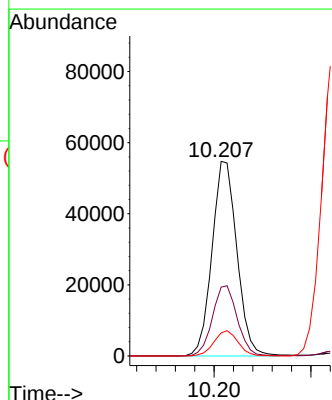
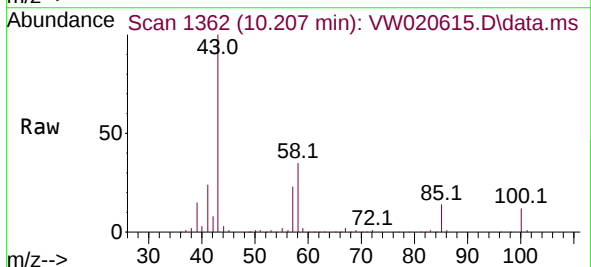
Instrument :
MSVOA_W
ClientSampled :

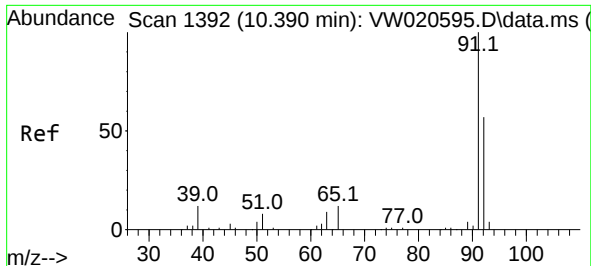
Tgt Ion: 75 Resp: 119833
Ion Ratio Lower Upper
75 100
77 30.8 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 51.989 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

Tgt Ion: 43 Resp: 97820
Ion Ratio Lower Upper
43 100
58 36.1 29.0 43.4
100 12.6 10.2 15.4

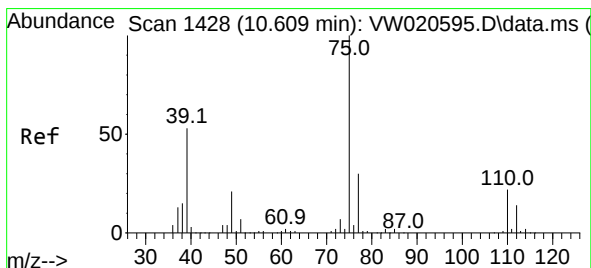
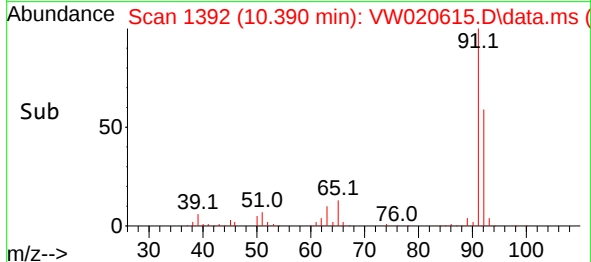
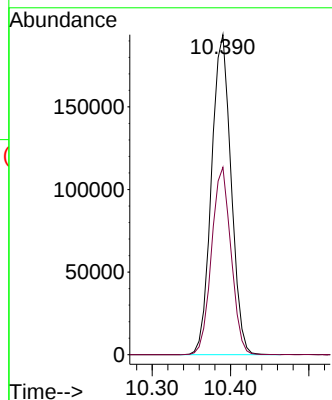
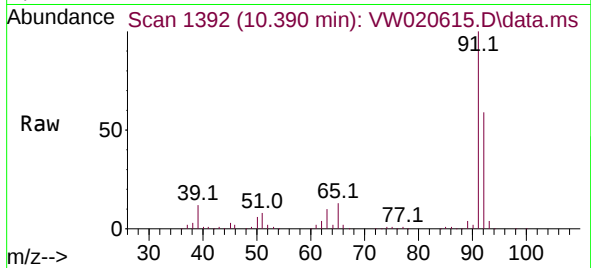




#42
Toluene
Concen: 27.721 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

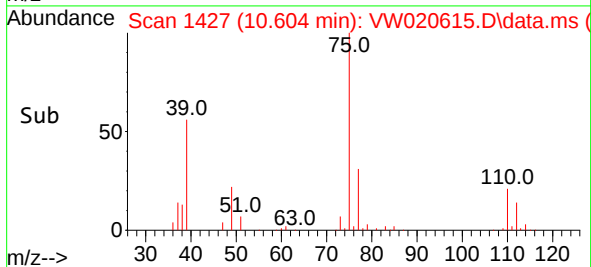
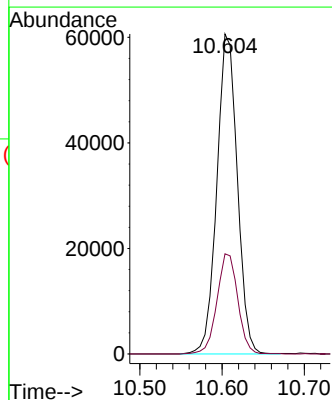
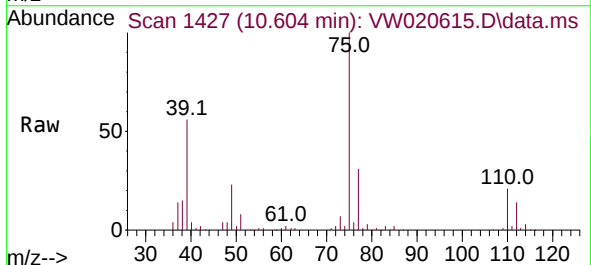
Instrument :
MSVOA_W
ClientSampled :

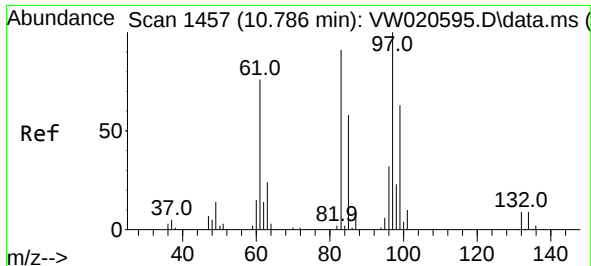
Tgt Ion: 91 Resp: 336593
Ion Ratio Lower Upper
91 100
92 58.5 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 27.501 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

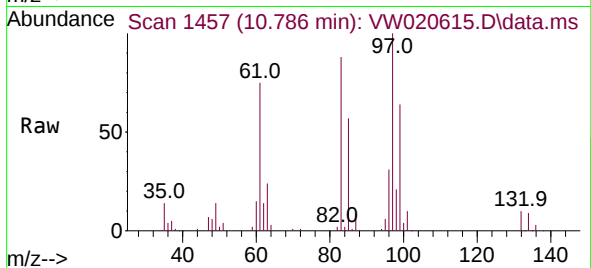
Tgt Ion: 75 Resp: 104859
Ion Ratio Lower Upper
75 100
77 31.3 21.8 40.4



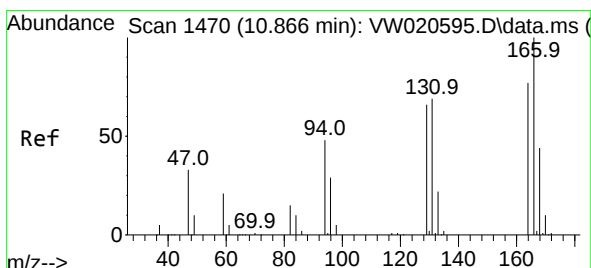
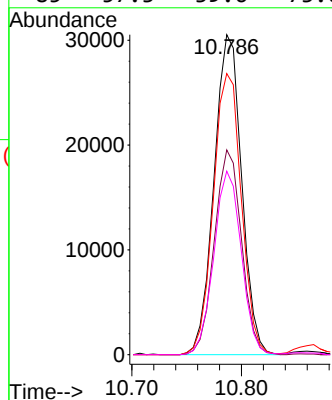
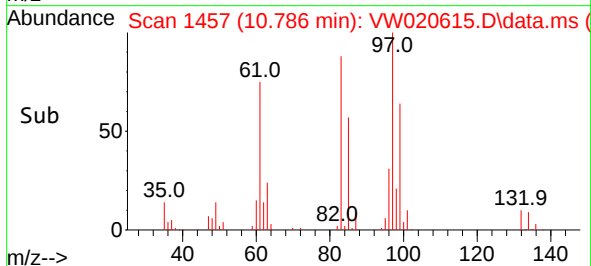


#45
1,1,2-Trichloroethane
Concen: 26.591 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

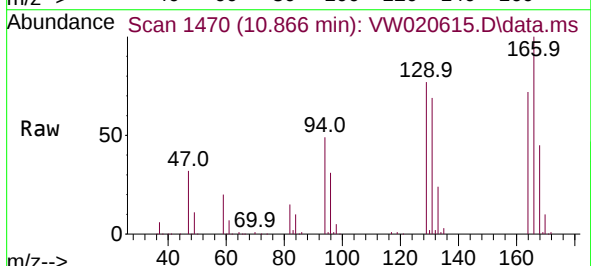
Instrument :
MSVOA_W
ClientSampled :



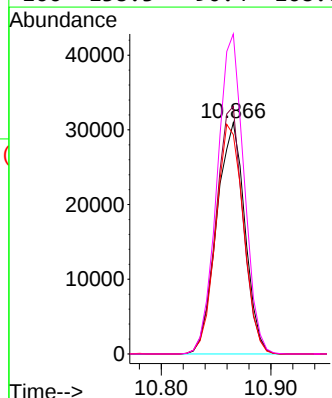
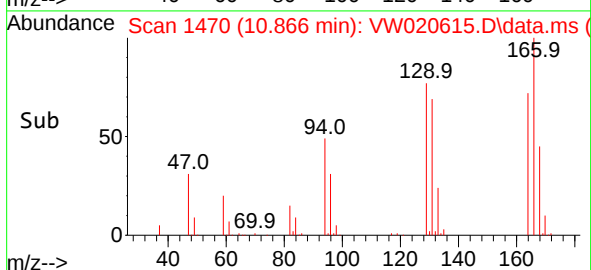
Tgt Ion:	97	Resp:	53523
Ion	Ratio	Lower	Upper
97	100		
99	64.0	42.8	79.4
83	87.8	60.9	113.1
85	57.3	39.6	73.6

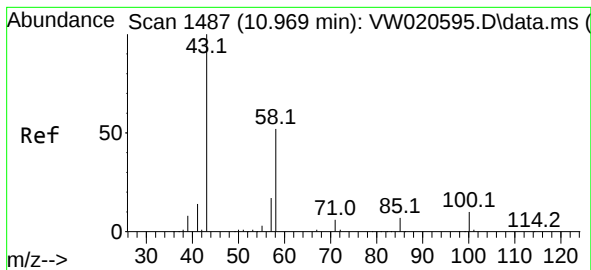


#46
Tetrachloroethene
Concen: 25.855 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31



Tgt Ion:	164	Resp:	55384
Ion	Ratio	Lower	Upper
164	100		
129	106.9	69.1	128.3
131	94.8	58.3	108.3
166	138.3	90.4	168.0

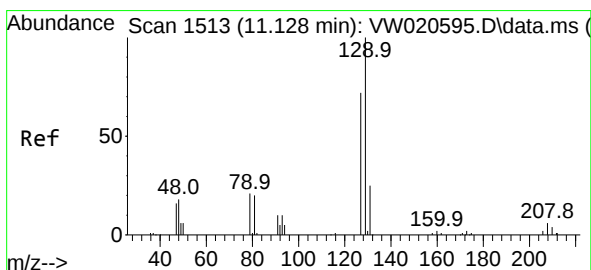
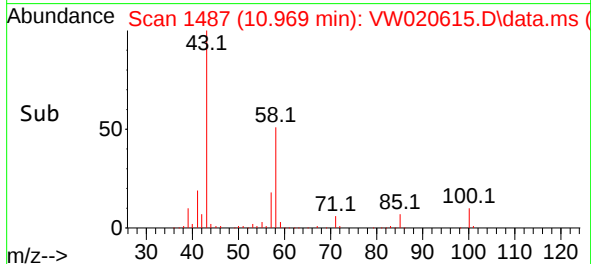
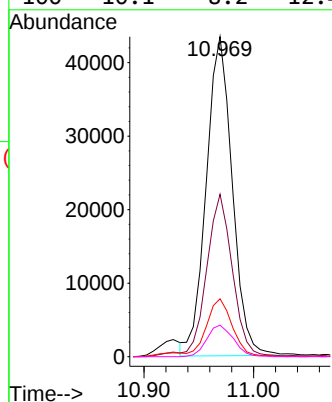
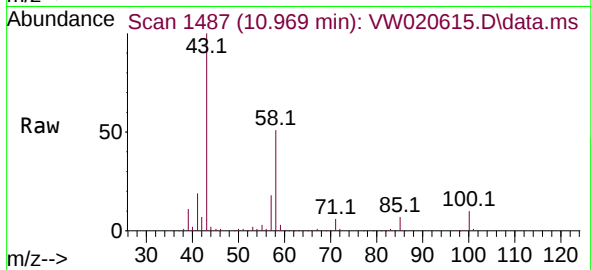




#48
2-Hexanone
Concen: 51.959 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

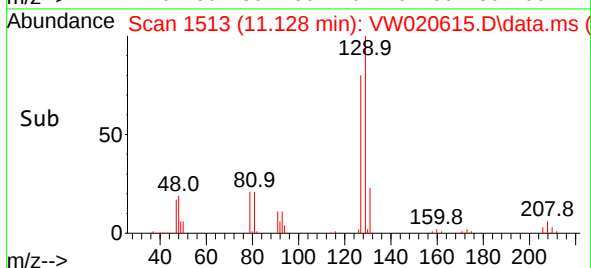
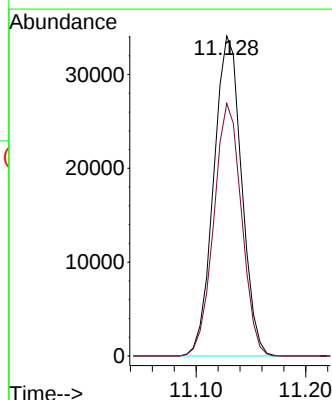
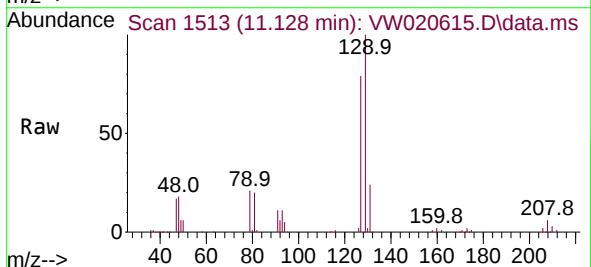
Instrument :
MSVOA_W
ClientSampleId :

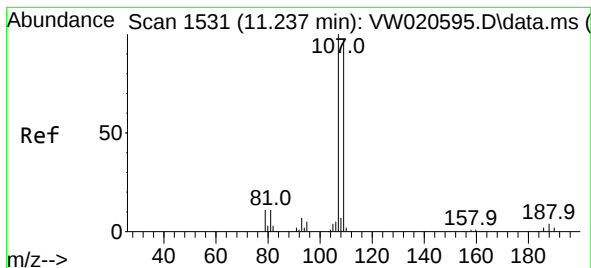
Tgt Ion:	43	Resp:	71728
Ion	Ratio	Lower	Upper
43	100		
58	50.0	39.5	59.3
57	17.9	14.2	21.4
100	10.1	8.2	12.4



#49
Dibromochloromethane
Concen: 27.225 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

Tgt Ion:	129	Resp:	60370
Ion	Ratio	Lower	Upper
129	100		
127	78.9	55.1	102.3

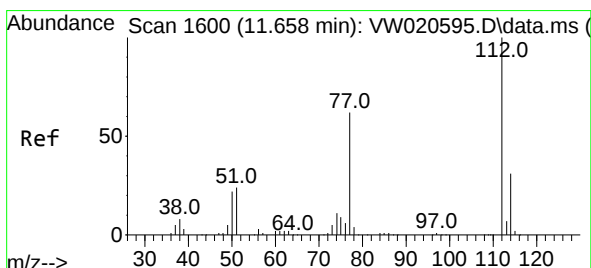
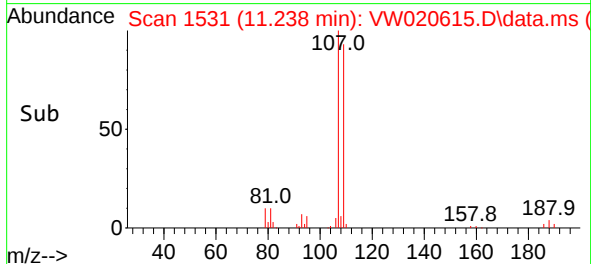
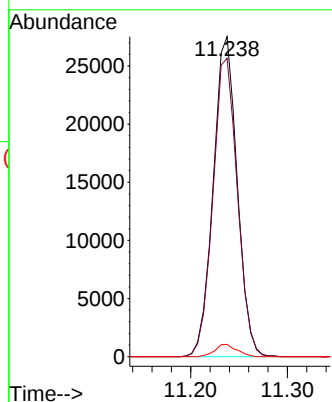
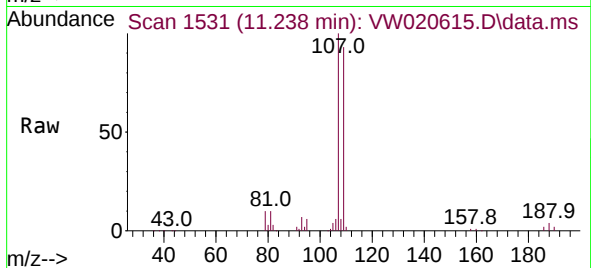




#50
1,2-Dibromoethane
Concen: 25.595 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

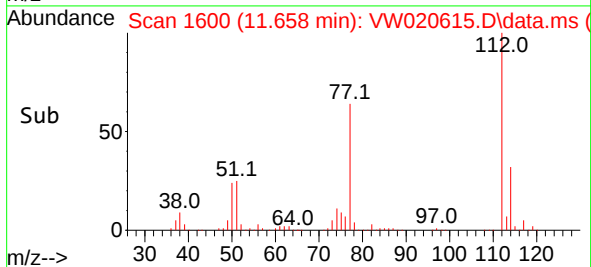
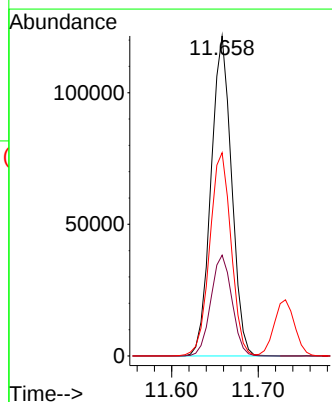
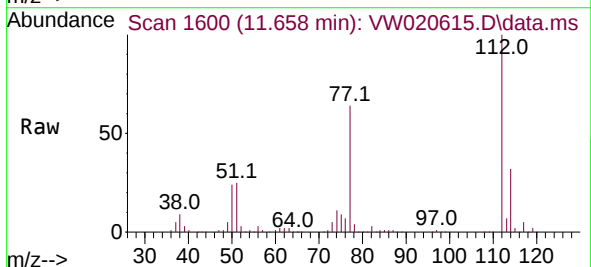
Instrument :
MSVOA_W
ClientSampleId :

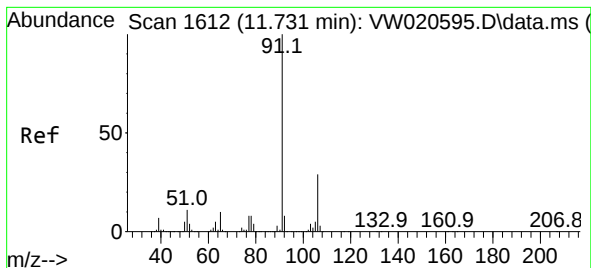
Tgt Ion:	107	Resp:	47321
Ion	Ratio	Lower	Upper
107	100		
109	93.3	64.5	119.9
188	3.8	3.2	4.8



#51
Chlorobenzene
Concen: 26.762 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

Tgt Ion:	112	Resp:	200379
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.3	41.5
77	63.5	50.7	76.1

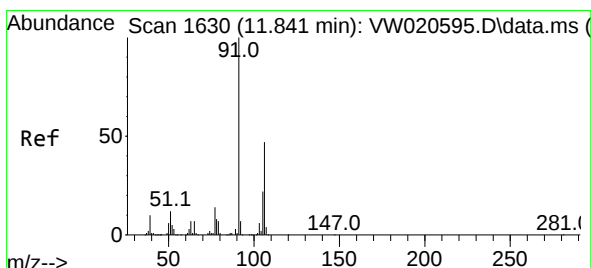
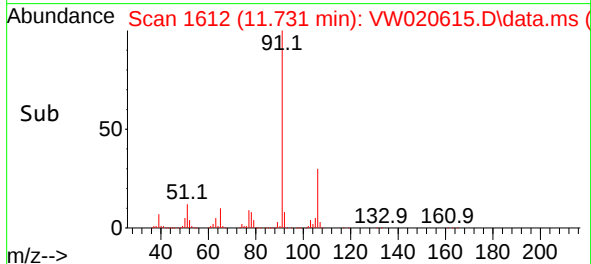
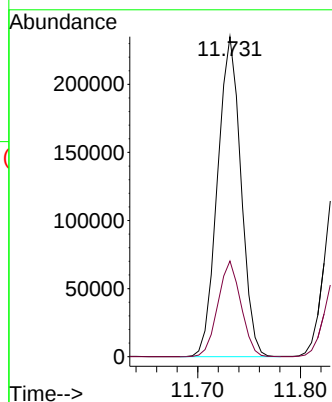
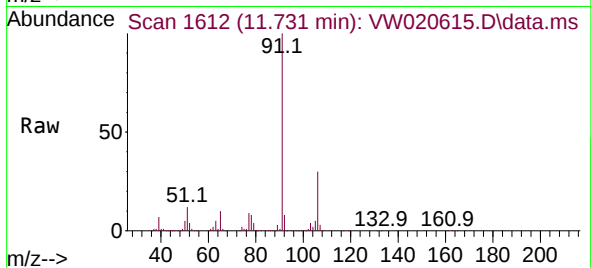




#52
Ethylbenzene
Concen: 28.242 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

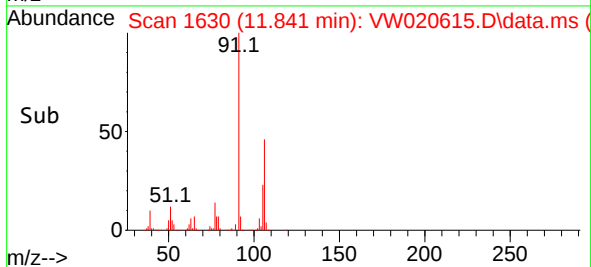
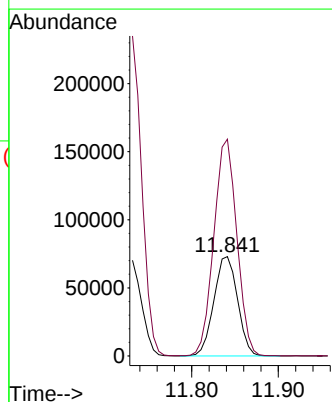
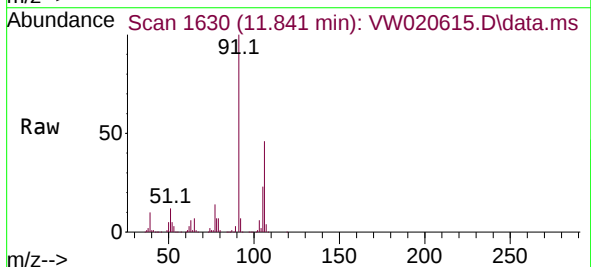
Instrument :
MSVOA_W
ClientSampled :

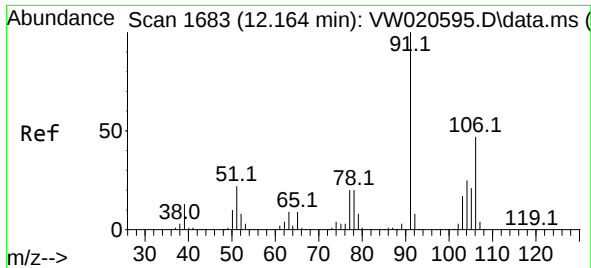
Tgt Ion: 91 Resp: 371865
Ion Ratio Lower Upper
91 100
106 29.9 21.3 39.5



#53
m,p-Xylene
Concen: 28.374 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

Tgt Ion:106 Resp: 138426
Ion Ratio Lower Upper
106 100
91 218.2 148.2 275.2

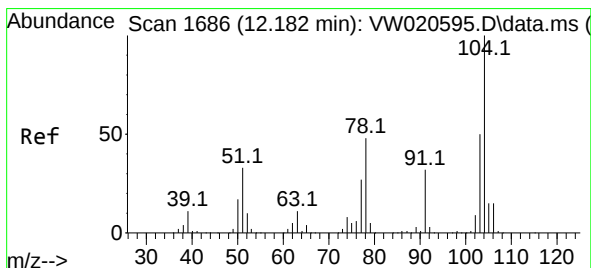
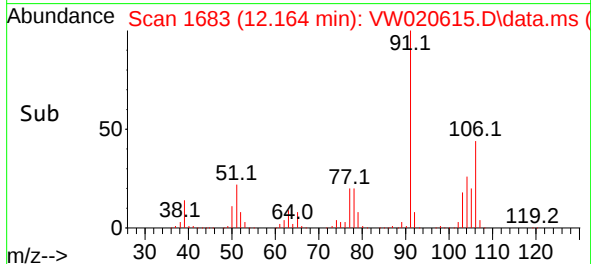
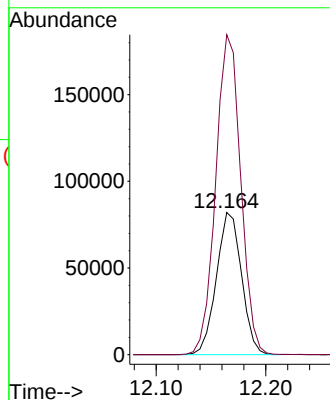
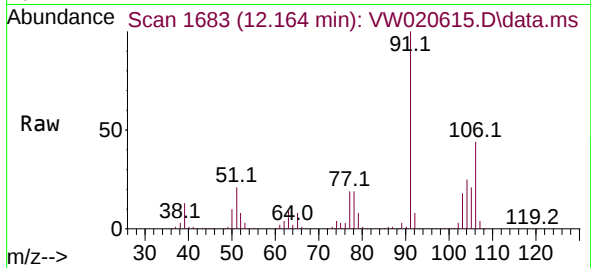




#54
o-Xylene
Concen: 29.011 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

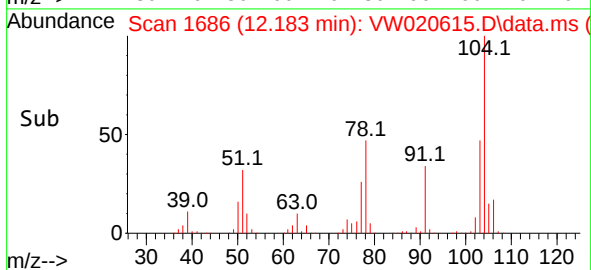
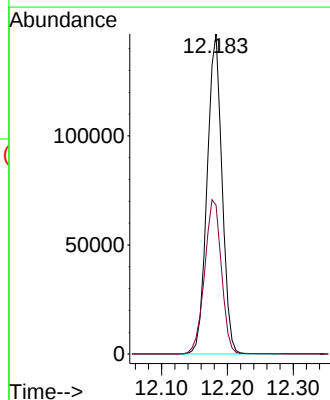
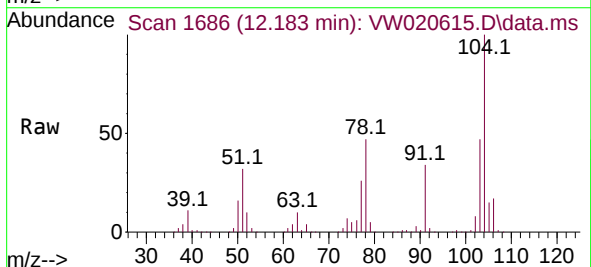
Instrument :
MSVOA_W
ClientSampled :

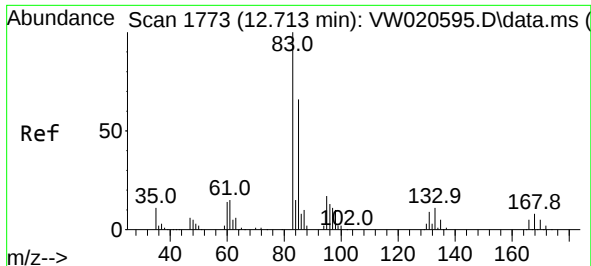
Tgt Ion:106 Resp: 130707
Ion Ratio Lower Upper
106 100
91 225.0 156.1 289.9



#55
Styrene
Concen: 29.362 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

Tgt Ion:104 Resp: 231309
Ion Ratio Lower Upper
104 100
78 46.5 33.2 61.7

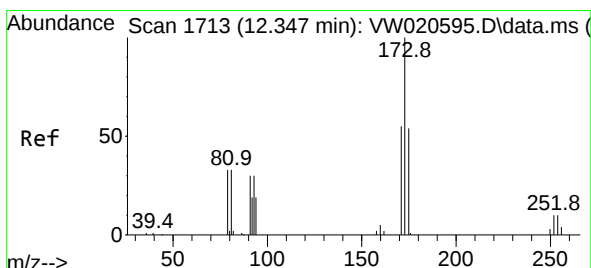
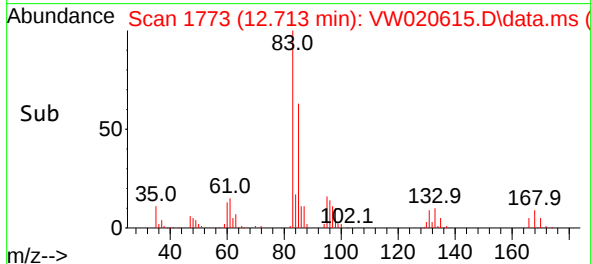
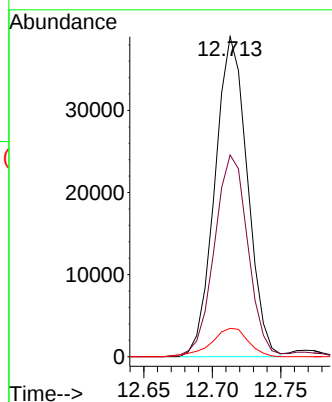
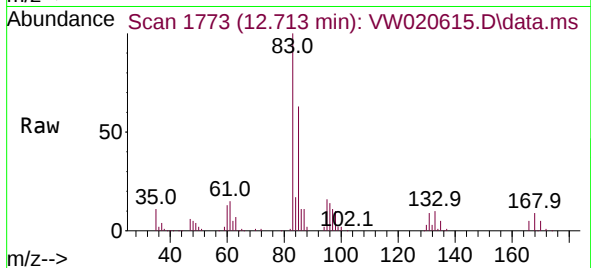




#57
1,1,2,2-Tetrachloroethane
Concen: 25.774 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

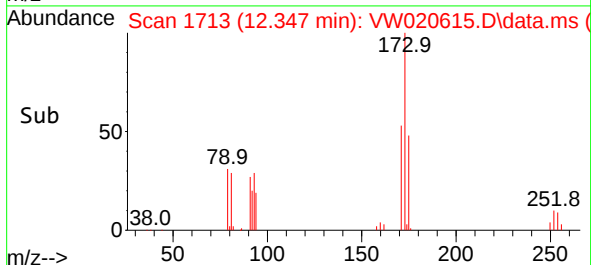
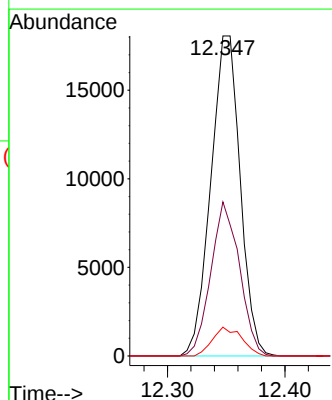
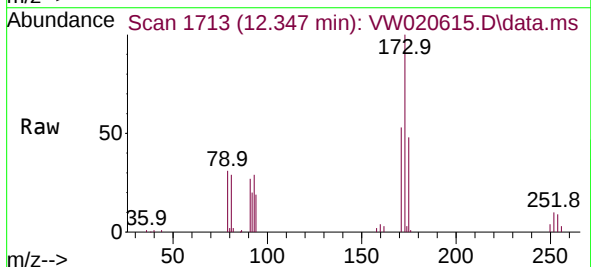
Instrument :
MSVOA_W
ClientSampleId :

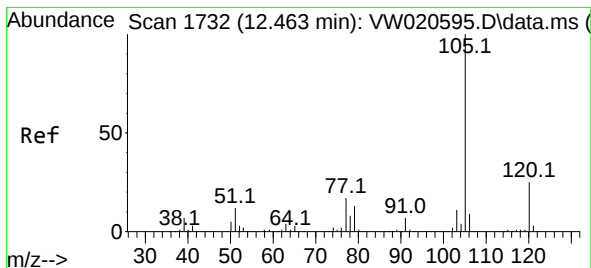
Tgt Ion: 83 Resp: 64312
Ion Ratio Lower Upper
83 100
85 63.1 45.9 85.3
131 8.8 7.4 11.2



#59
Bromoform
Concen: 24.653 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

Tgt Ion:173 Resp: 31442
Ion Ratio Lower Upper
173 100
175 46.9 38.6 57.8
254 9.0 7.3 10.9

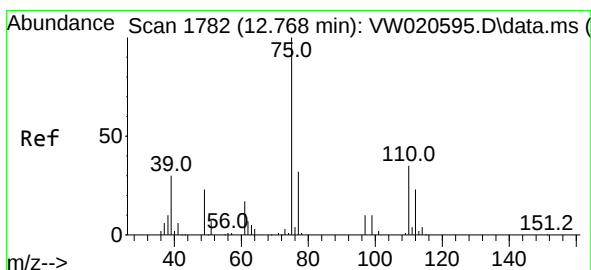
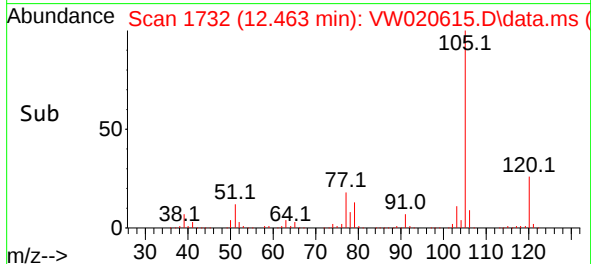
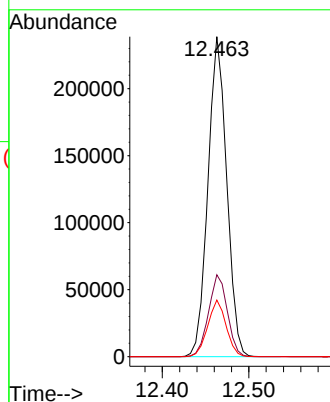
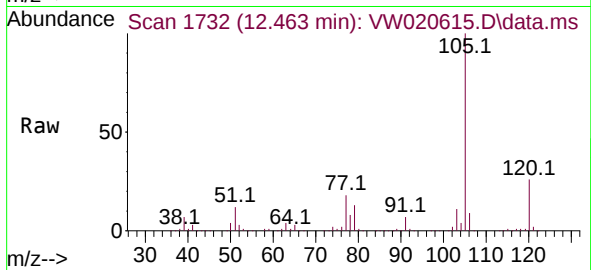




#60
Isopropylbenzene
Concen: 26.876 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

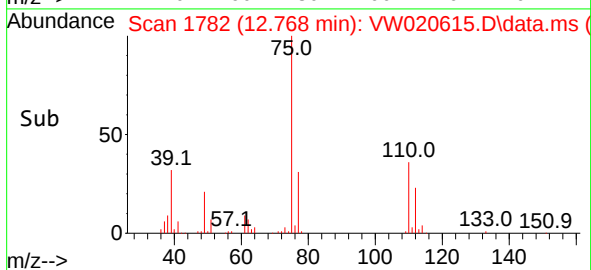
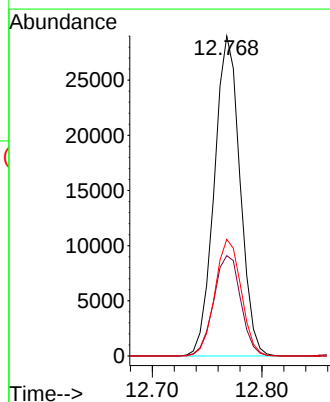
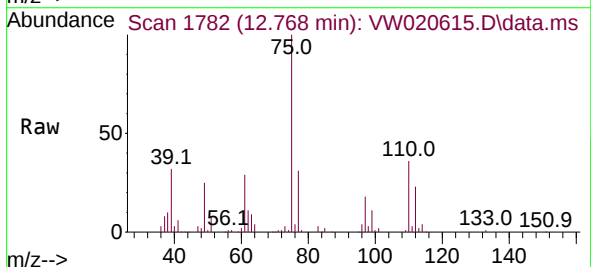
Instrument :
MSVOA_W
ClientSampled :

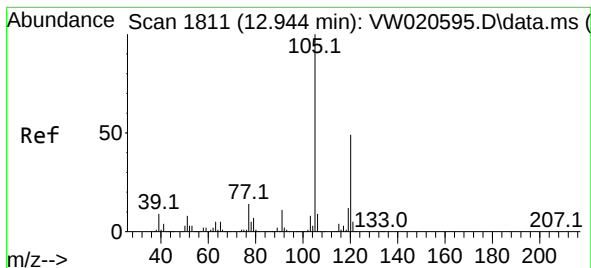
Tgt Ion:105 Resp: 359126
Ion Ratio Lower Upper
105 100
120 25.6 20.3 30.5
77 17.4 13.8 20.6



#61
1,2,3-Trichloropropane
Concen: 23.580 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

Tgt Ion: 75 Resp: 47293
Ion Ratio Lower Upper
75 100
77 33.0 25.1 37.7
110 37.1 29.4 44.0

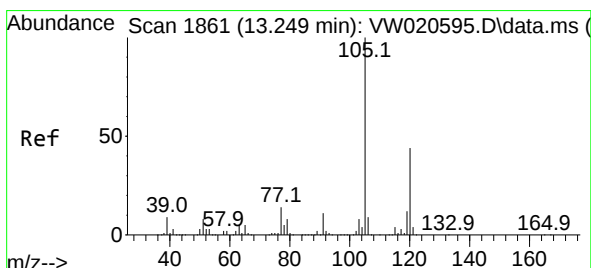
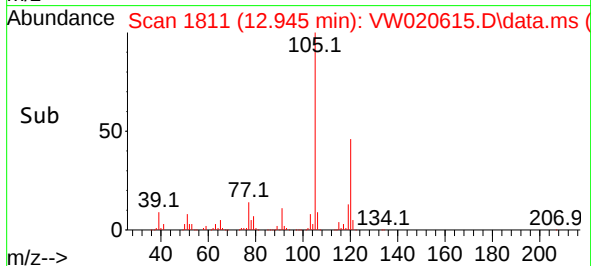
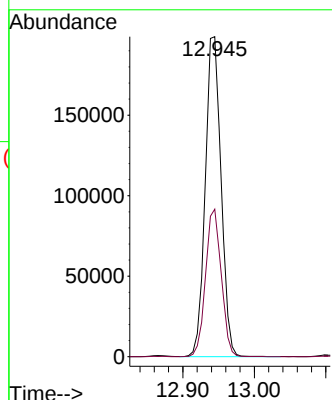
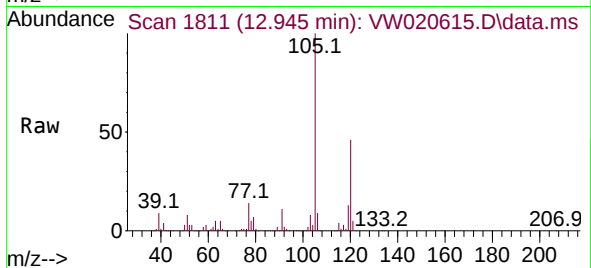




#62
1,3,5-Trimethylbenzene
Concen: 28.033 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

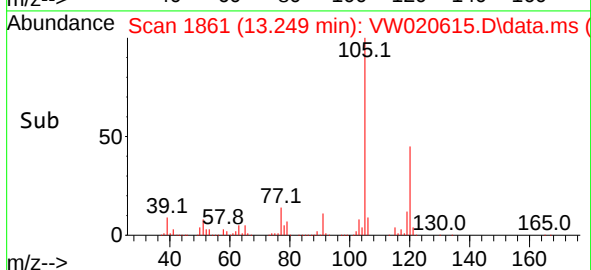
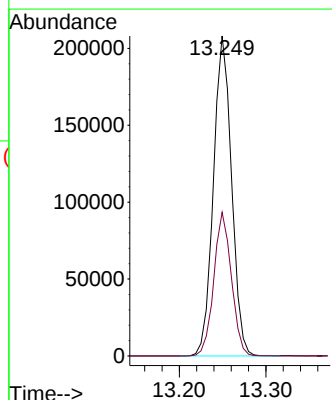
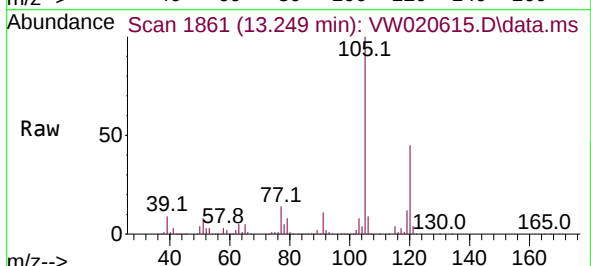
Instrument :
MSVOA_W
ClientSampled :

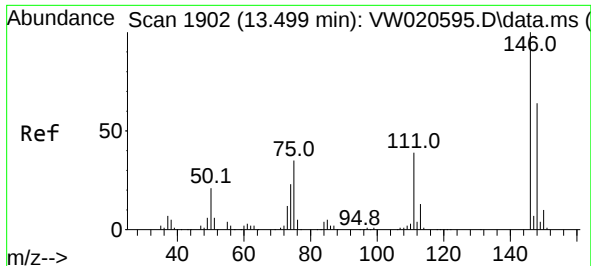
Tgt Ion:105 Resp: 305834
Ion Ratio Lower Upper
105 100
120 45.7 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 28.044 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

Tgt Ion:105 Resp: 303053
Ion Ratio Lower Upper
105 100
120 43.5 35.4 53.2

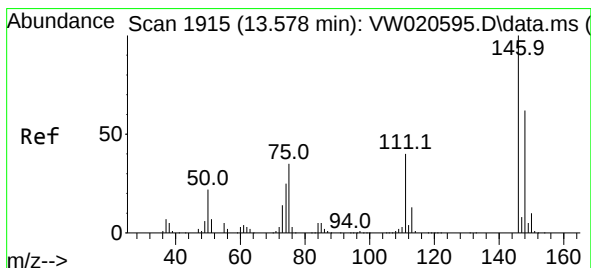
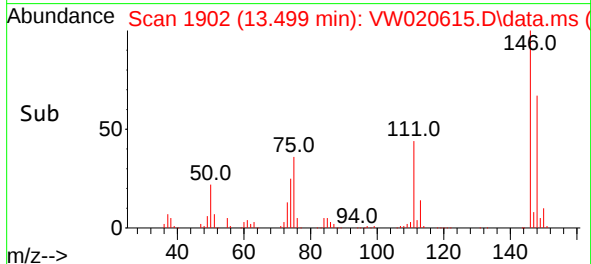
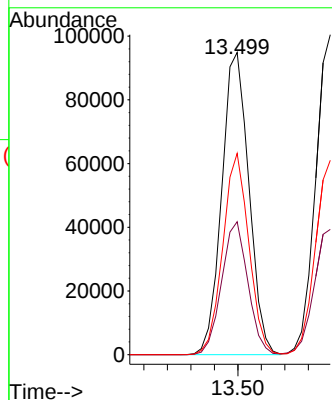
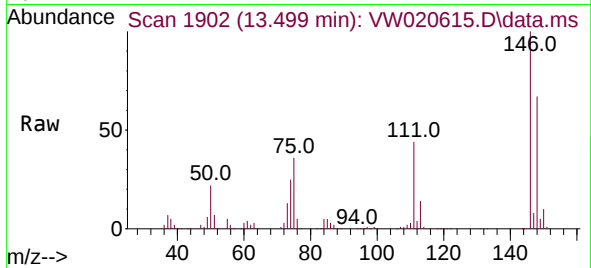




#64
1,3-Dichlorobenzene
Concen: 26.348 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

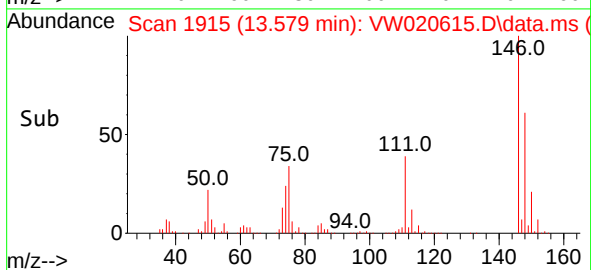
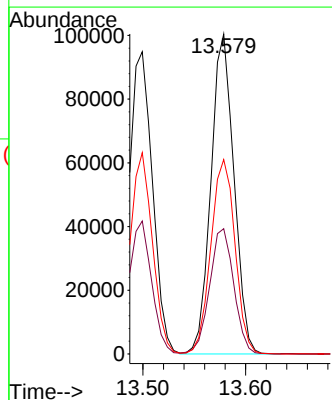
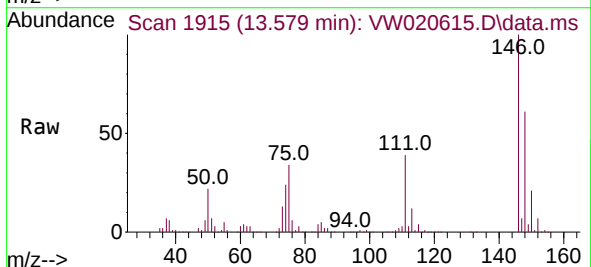
Instrument :
MSVOA_W
ClientSampleId :

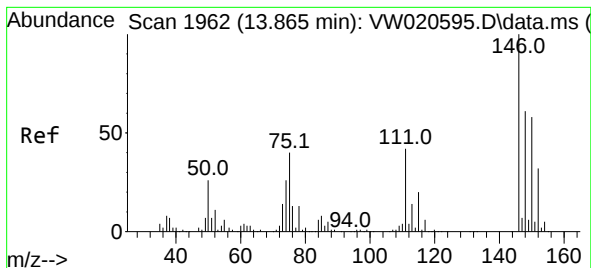
Tgt Ion:146 Resp: 152335
Ion Ratio Lower Upper
146 100
111 44.0 29.0 53.8
148 66.6 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 26.118 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

Tgt Ion:146 Resp: 156191
Ion Ratio Lower Upper
146 100
111 39.2 30.9 57.5
148 60.7 46.1 85.7

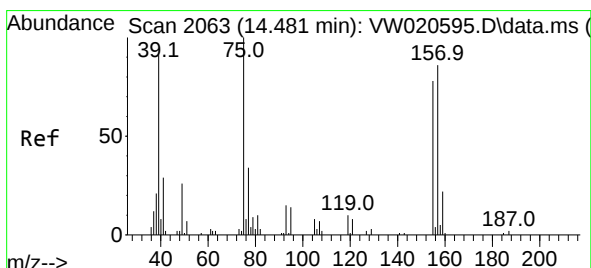
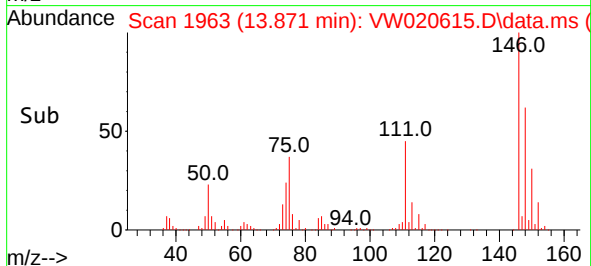
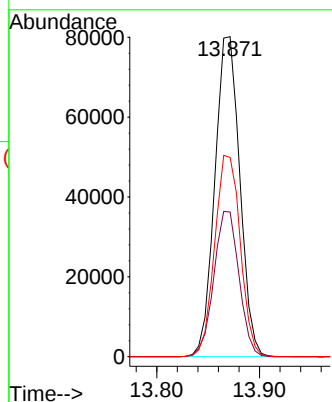
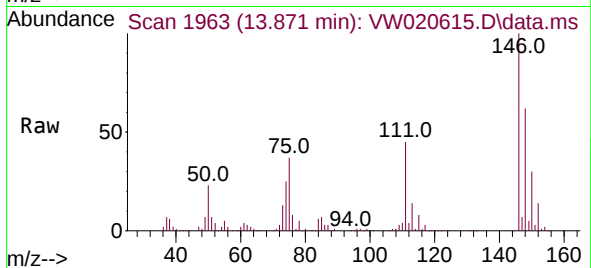




#67
1,2-Dichlorobenzene
Concen: 25.550 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

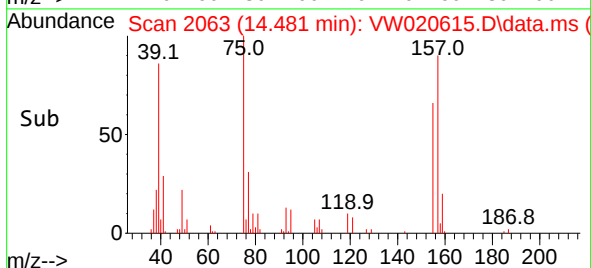
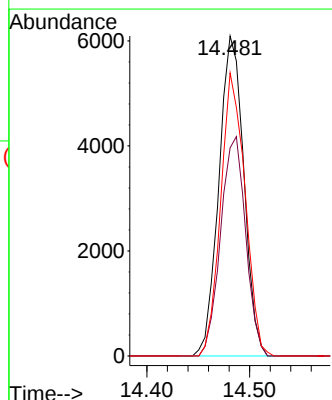
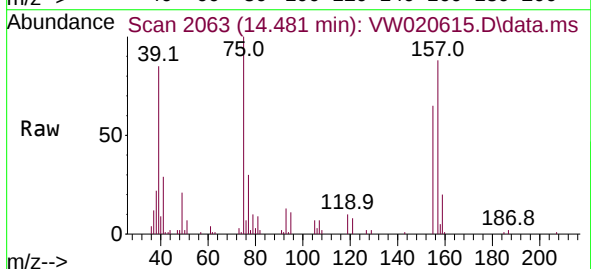
Instrument :
MSVOA_W
ClientSampleId :

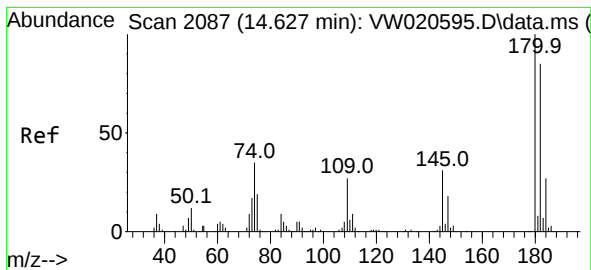
Tgt Ion:146 Resp: 135332
Ion Ratio Lower Upper
146 100
111 45.2 33.9 50.9
148 62.2 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 24.044 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

Tgt Ion: 75 Resp: 10243
Ion Ratio Lower Upper
75 100
155 65.0 51.4 77.0
157 88.4 70.8 106.2

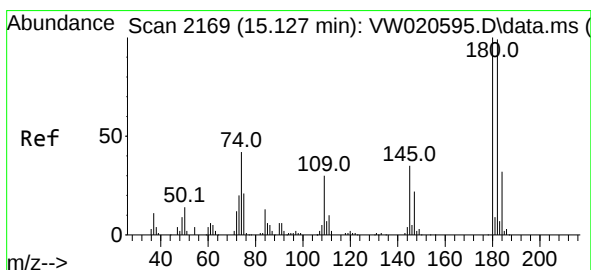
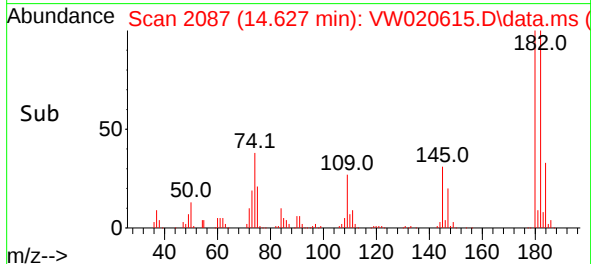
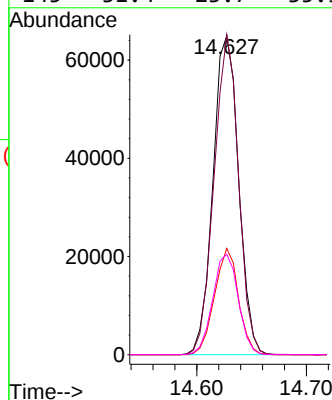
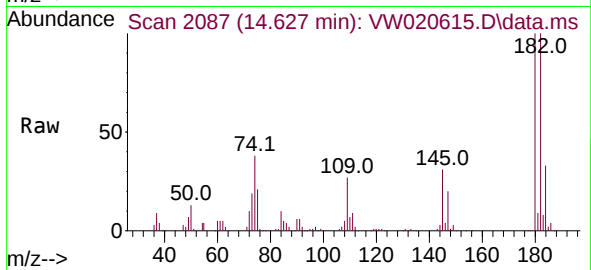




#69
1,3,5-Trichlorobenzene
Concen: 25.532 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

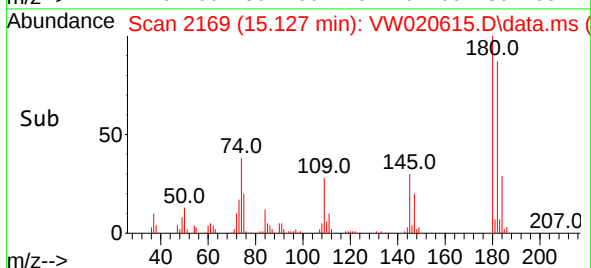
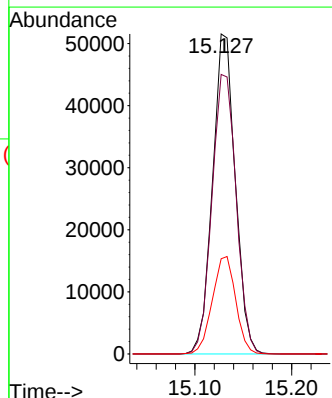
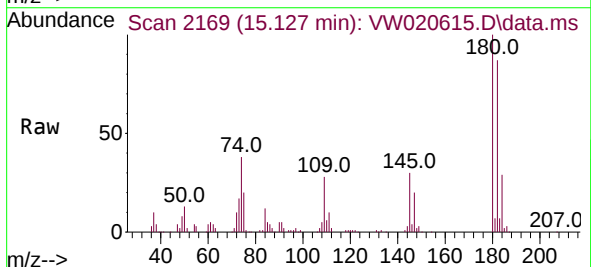
Instrument :
MSVOA_W
ClientSampleId :

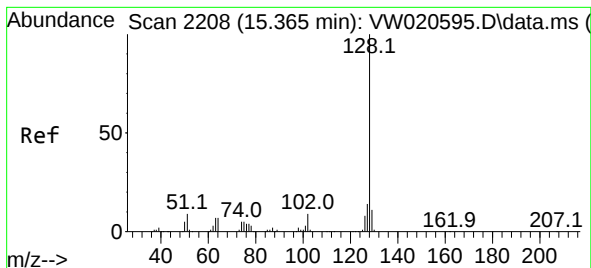
Tgt Ion:	180	Resp:	105260
Ion Ratio	Lower	Upper	
180	100		
182	95.9	73.4	110.0
184	31.2	24.2	36.4
145	31.4	23.7	35.5



#70
1,2,4-trichlorobenzene
Concen: 25.789 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

Tgt Ion:	180	Resp:	84185
Ion Ratio	Lower	Upper	
180	100		
182	93.1	75.8	113.8
145	31.3	24.8	37.2

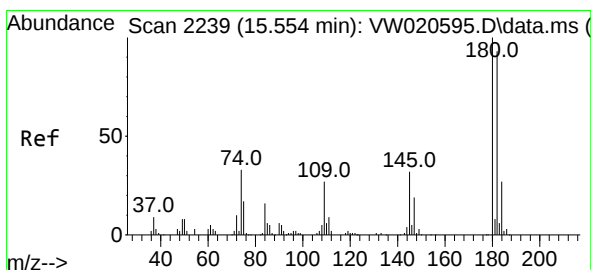
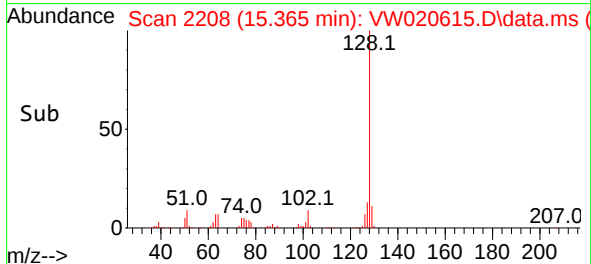
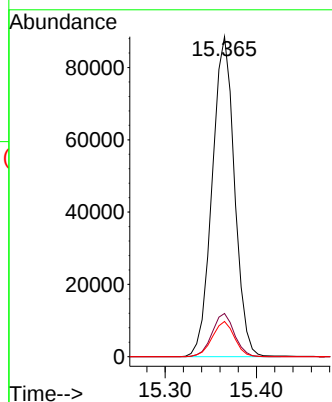
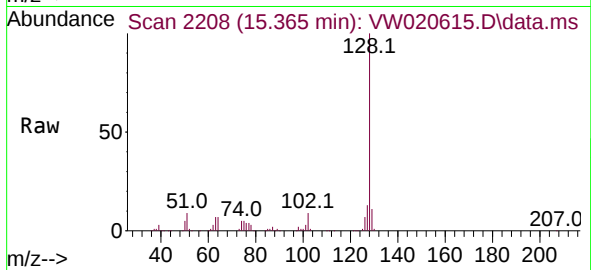




#71
Naphthalene
Concen: 25.560 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:128 Resp: 150015
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 24.728 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW020615.D
Acq: 19 Oct 2021 17:31

Tgt Ion:180 Resp: 70898
Ion Ratio Lower Upper
180 100
182 99.6 74.8 112.2
145 34.6 26.2 39.4

