

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
 Data File : VW020618.D
 Acq On : 19 Oct 2021 20:23
 Operator : SY/VA
 Sample : M4263-18MS
 Misc : 5.25g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 20 05:27:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 20 02:32:07 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	181146	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	155959	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	63277	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	60521	22.961	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.840%
7) Chloroethane-d5	2.879	69	30053	21.585	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.320%
11) 1,1-Dichloroethene-d2	4.019	63	133292	24.679	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.720%
21) 2-Butanone-d5	7.080	46	47396	59.084	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.160%
24) Chloroform-d	7.647	84	158984	27.533	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.120%
26) 1,2-Dichloroethane-d4	8.305	65	87469	26.523	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.080%
32) Benzene-d6	8.275	84	292875	28.549	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.200%
36) 1,2-Dichloropropane-d6	9.275	67	97037	29.023	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.080%
41) Toluene-d8	10.323	98	253067	27.493	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.960%
43) trans-1,3-Dichloroprop...	10.579	79	37538	27.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.520%
47) 2-Hexanone-d5	10.927	63	33389	64.917	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.840%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	70334	27.830	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	58745	23.733	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	33323	28.467	ug/L	100
3) Chloromethane	2.215	50	66327	27.251	ug/L	97
5) Vinyl chloride	2.355	62	82417	24.075	ug/L	99
6) Bromomethane	2.770	94	28738	19.328	ug/L	96
8) Chloroethane	2.916	64	29280	23.163	ug/L	96
9) Trichlorofluoromethane	3.245	101	36048	18.507	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	74338	26.761	ug/L	99
12) 1,1-Dichloroethene	4.038	96	68040	26.715	ug/L	96
13) Acetone	4.123	43	60141	81.660	ug/L	99
14) Carbon disulfide	4.379	76	194190	23.441	ug/L	98
15) Methyl Acetate	4.678	43	33750	24.677	ug/L	99
16) Methylene chloride	4.916	84	74065	21.033	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	71234	26.658	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	113776	30.221	ug/L	99
19) 1,1-Dichloroethane	6.214	63	154866	28.271	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	78323	28.199	ug/L	96
22) 2-Butanone	7.171	43	51487	55.849	ug/L	98
23) Bromochloromethane	7.519	128	32984	27.076	ug/L	98
25) Chloroform	7.677	83	149839	28.136	ug/L	98

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

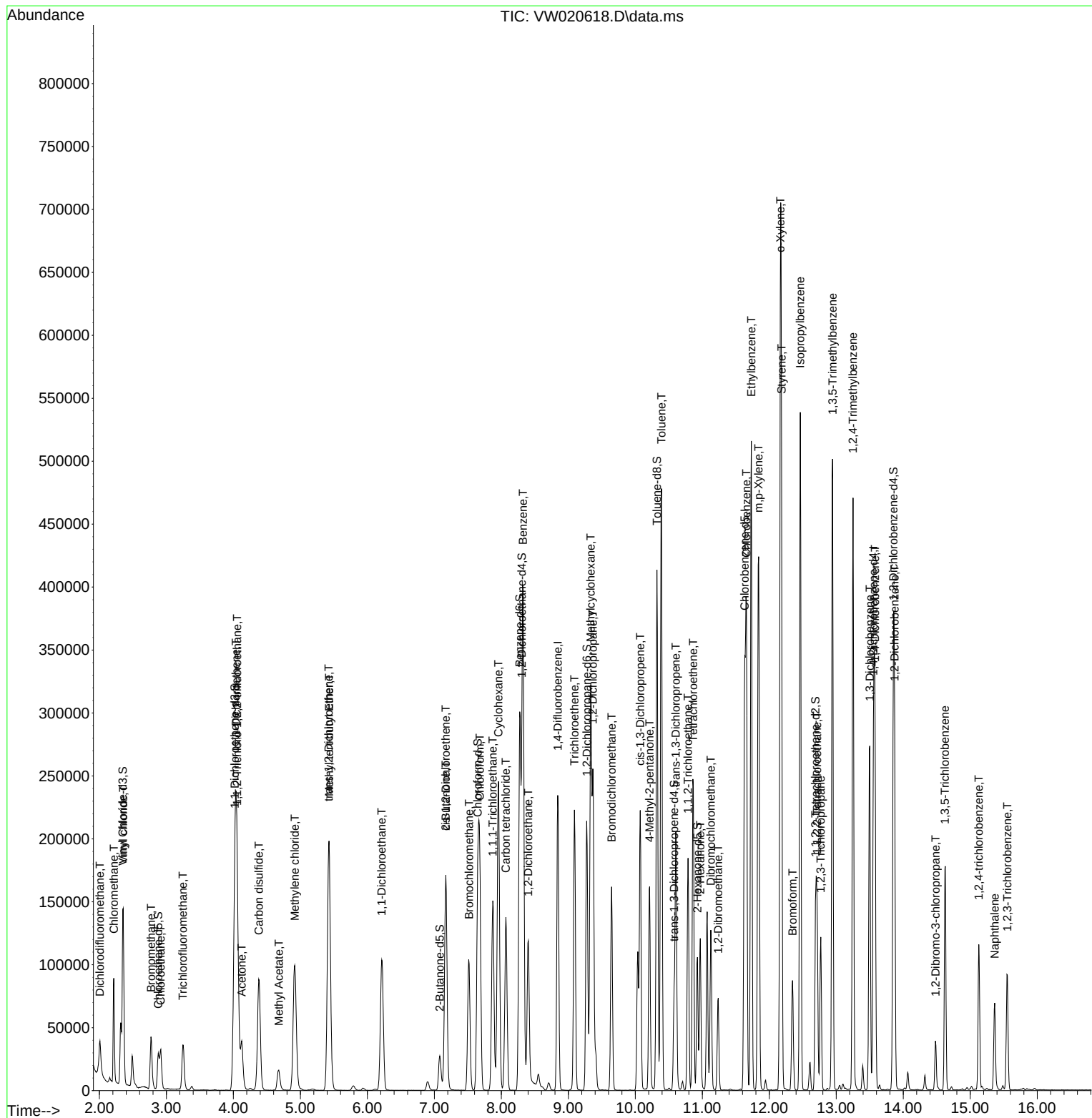
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	100827	27.681	ug/L	99
29) Cyclohexane	7.958	56	132067	28.924	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	116527	30.076	ug/L	100
31) Carbon tetrachloride	8.067	117	99379	29.174	ug/L	98
33) Benzene	8.323	78	337121	30.348	ug/L	100
34) Trichloroethene	9.092	95	77693	28.390	ug/L	99
35) Methylcyclohexane	9.335	83	116915	24.965	ug/L	99
37) 1,2-Dichloropropane	9.366	63	87394	30.380	ug/L	99
38) Bromodichloromethane	9.646	83	105229	30.510	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	119319	30.063	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	110381	63.930	ug/L	99
42) Toluene	10.390	91	331672	29.767	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	102909	29.412	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	54088	29.284	ug/L	96
46) Tetrachloroethene	10.866	164	51543	26.222	ug/L	94
48) 2-Hexanone	10.969	43	77788	61.406	ug/L	99
49) Dibromochloromethane	11.128	129	60932	29.944	ug/L	95
50) 1,2-Dibromoethane	11.238	107	48815	28.773	ug/L	98
51) Chlorobenzene	11.658	112	181411	26.403	ug/L	97
52) Ethylbenzene	11.731	91	341904	28.297	ug/L	99
53) m,p-Xylene	11.841	106	124701	27.855	ug/L	96
54) o-Xylene	12.164	106	118160	28.580	ug/L	95
55) Styrene	12.183	104	189322	26.190	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	63819	27.872	ug/L	96
59) Bromoform	12.347	173	31528	35.567	ug/L	98
60) Isopropylbenzene	12.463	105	322598	34.735	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	48327	34.667	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	244374	32.227	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	235708	31.382	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	102824	25.588	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	105430	25.365	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	91813	24.939	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	9943	33.579	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	51025	17.807	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	33028	14.557	ug/L	99
71) Naphthalene	15.365	128	55361	13.571	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	28442	14.272	ug/L	95

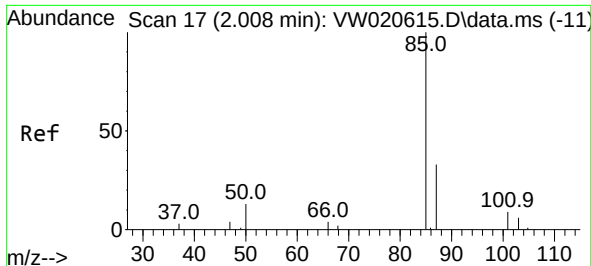
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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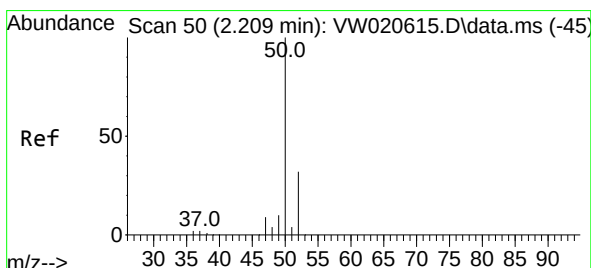
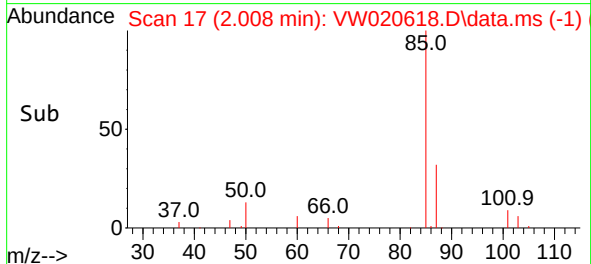
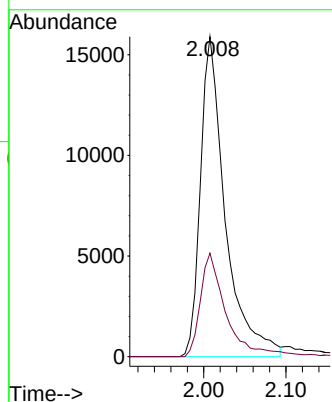
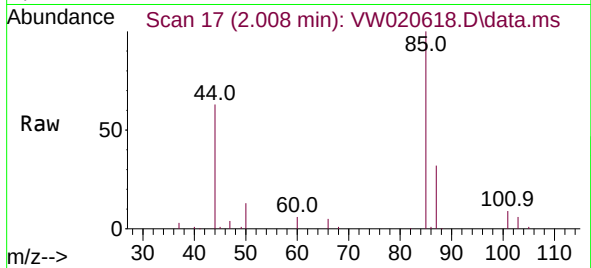




#2
Dichlorodifluoromethane
Concen: 28.467 ug/L
RT: 2.008 min Scan# 17
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

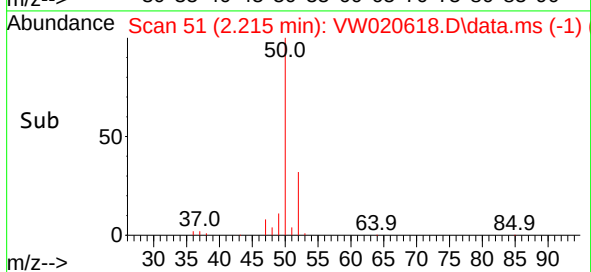
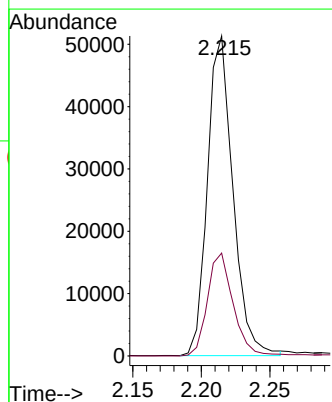
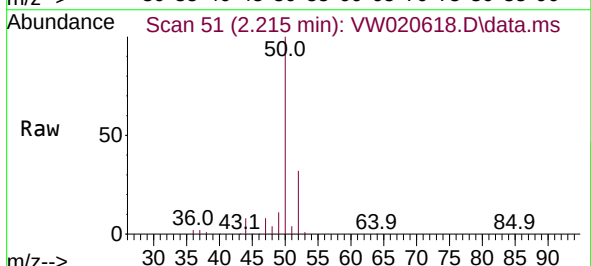
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ClientSampled :

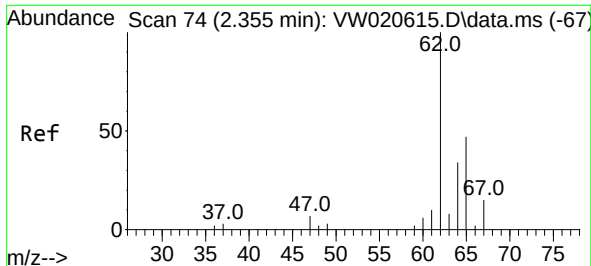
Tgt Ion: 85 Resp: 33323
Ion Ratio Lower Upper
85 100
87 31.1 24.9 37.3



#3
Chloromethane
Concen: 27.251 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

Tgt Ion: 50 Resp: 66327
Ion Ratio Lower Upper
50 100
52 32.2 21.5 39.9

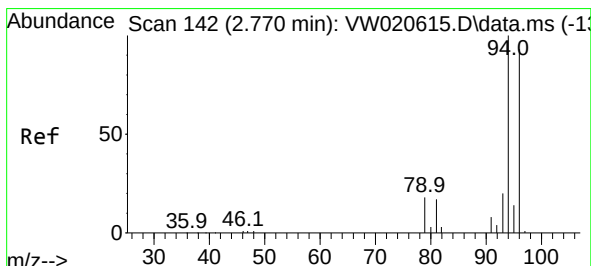
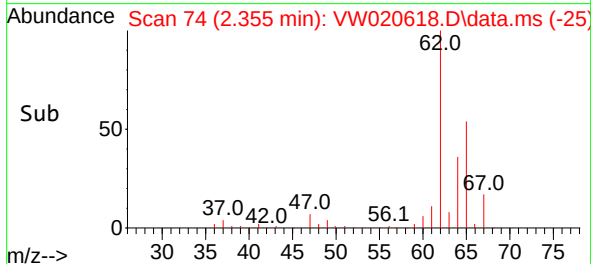
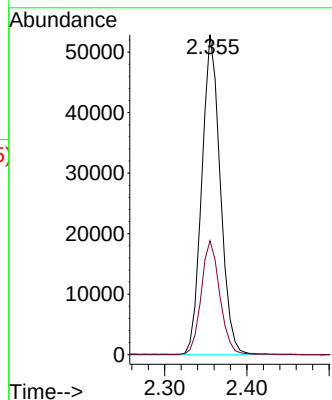
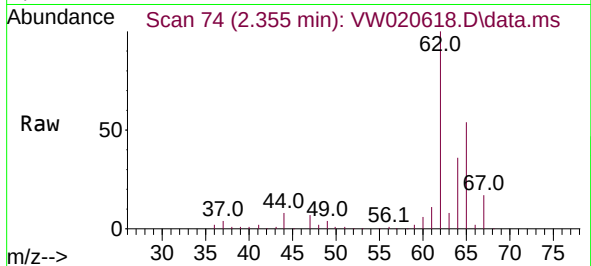




#5
 Vinyl chloride
 Concen: 24.075 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW020618.D
 Acq: 19 Oct 2021 20:23

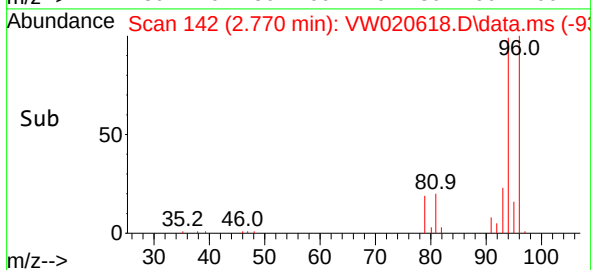
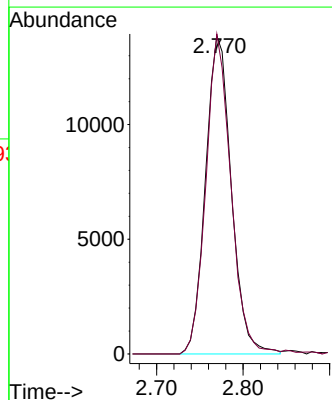
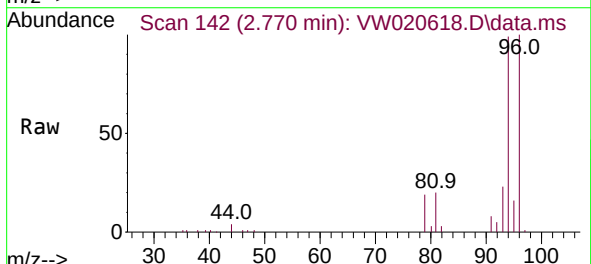
Instrument :
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 ClientSampled :

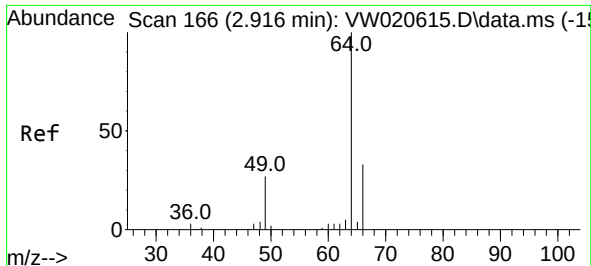
Tgt Ion: 62 Resp: 82417
 Ion Ratio Lower Upper
 62 100
 64 35.6 24.6 45.6



#6
 Bromomethane
 Concen: 19.328 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.000 min
 Lab File: VW020618.D
 Acq: 19 Oct 2021 20:23

Tgt Ion: 94 Resp: 28738
 Ion Ratio Lower Upper
 94 100
 96 100.6 67.8 126.0

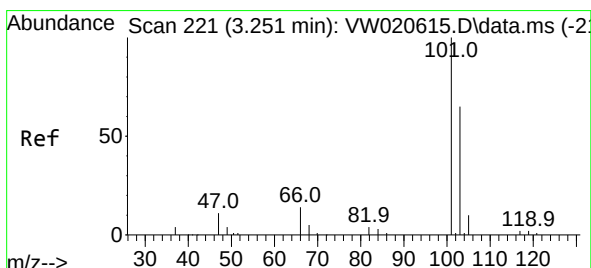
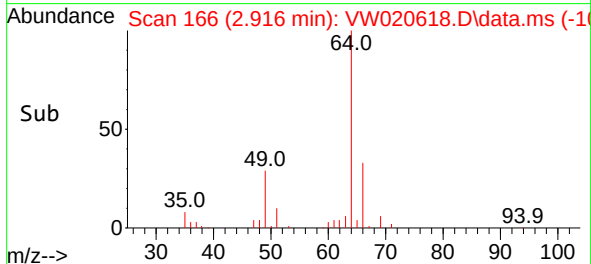
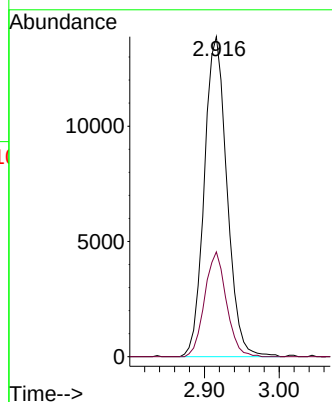
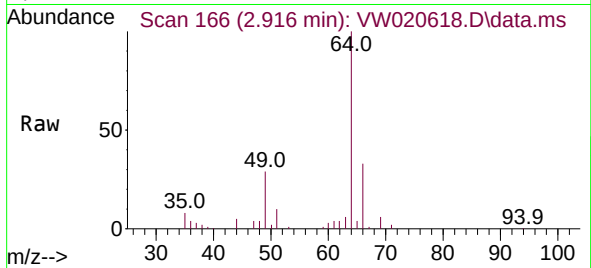




#8
Chloroethane
Concen: 23.163 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

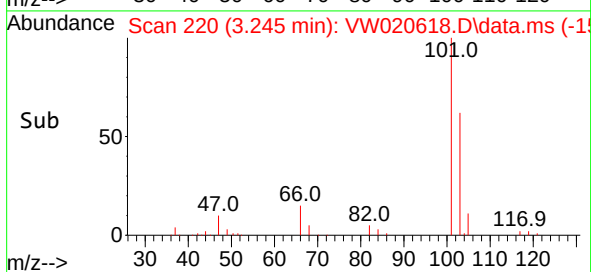
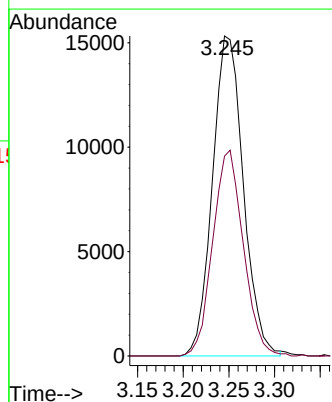
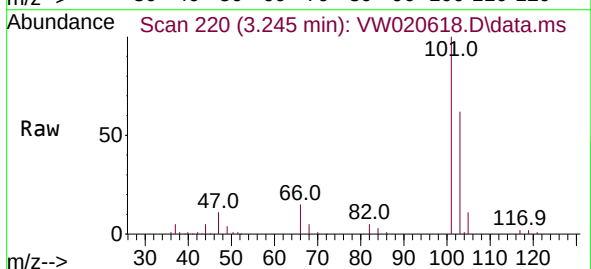
Instrument :
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ClientSampled :

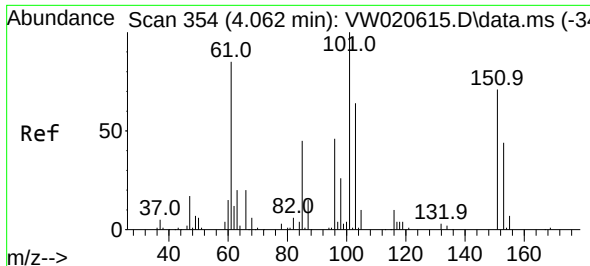
Tgt Ion: 64 Resp: 29280
Ion Ratio Lower Upper
64 100
66 32.7 21.2 39.4



#9
Trichlorofluoromethane
Concen: 18.507 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.006 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

Tgt Ion:101 Resp: 36048
Ion Ratio Lower Upper
101 100
103 63.6 52.2 78.4

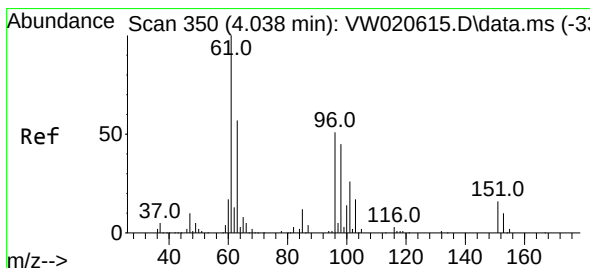
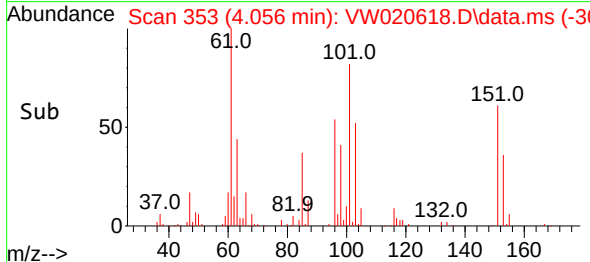
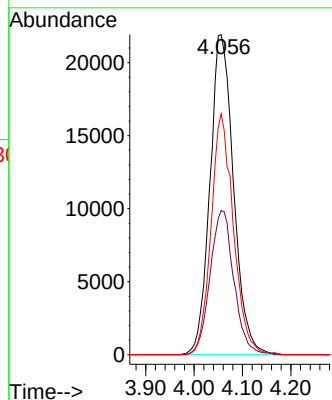
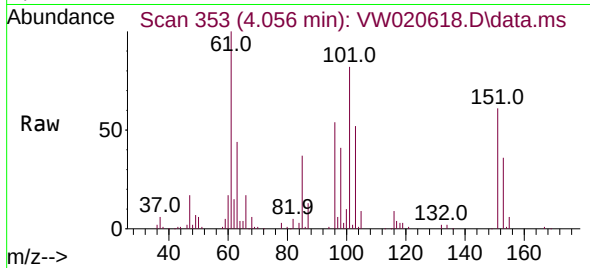




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.761 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW020618.D
 Acq: 19 Oct 2021 20:23

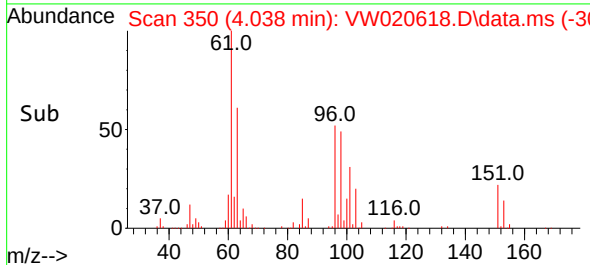
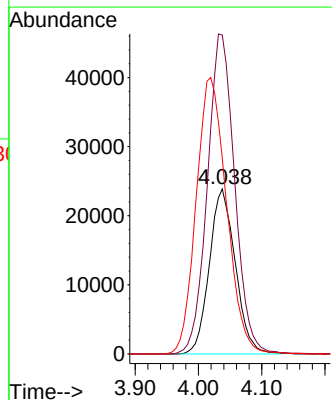
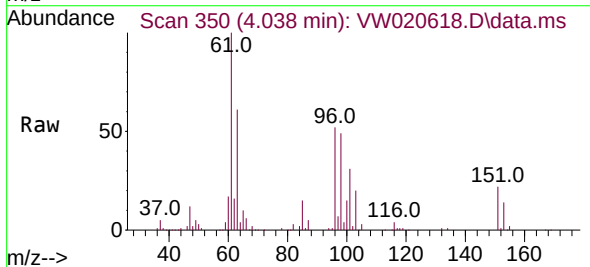
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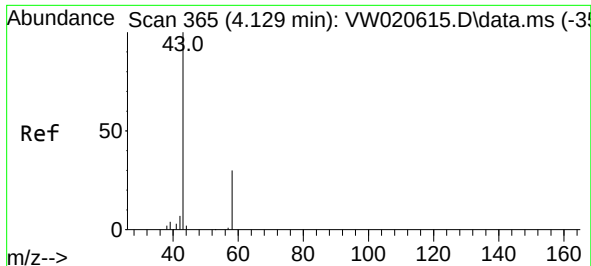
Tgt Ion:101 Resp: 74338
 Ion Ratio Lower Upper
 101 100
 85 45.2 36.3 54.5
 151 71.1 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 26.715 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW020618.D
 Acq: 19 Oct 2021 20:23

Tgt Ion: 96 Resp: 68040
 Ion Ratio Lower Upper
 96 100
 61 193.4 133.9 248.7
 63 118.7 77.3 143.7

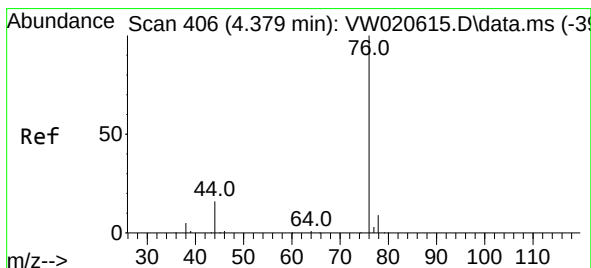
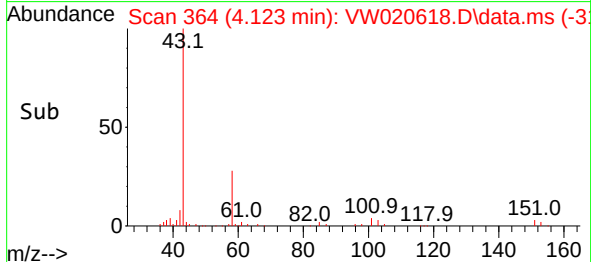
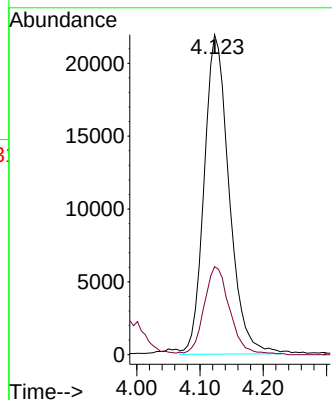
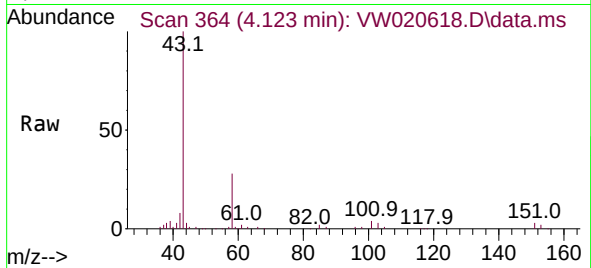




#13
Acetone
Concen: 81.660 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

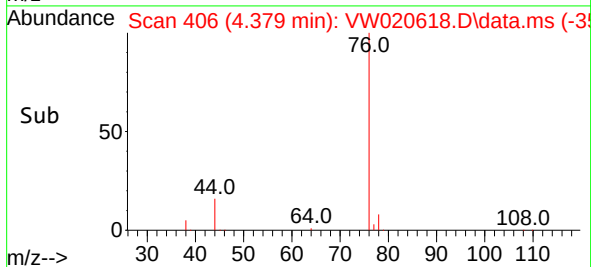
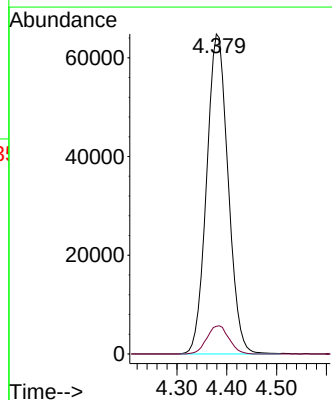
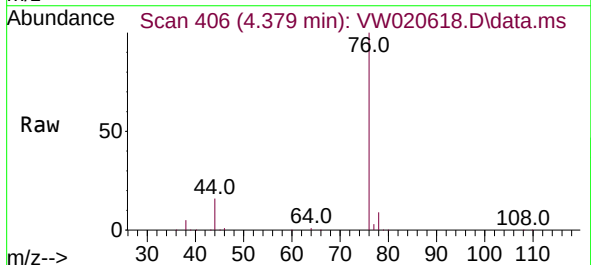
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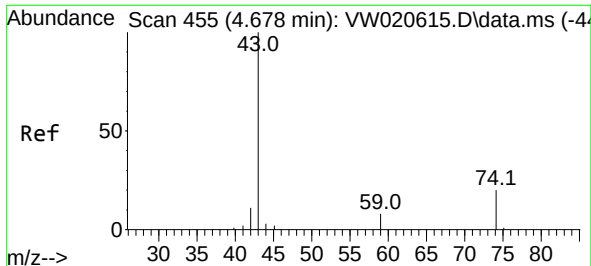
Tgt Ion: 43 Resp: 60141
Ion Ratio Lower Upper
43 100
58 28.4 0.0 58.4



#14
Carbon disulfide
Concen: 23.441 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 194190
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

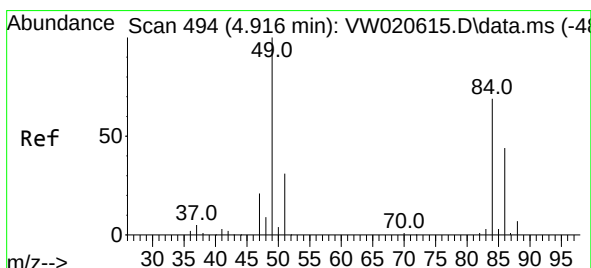
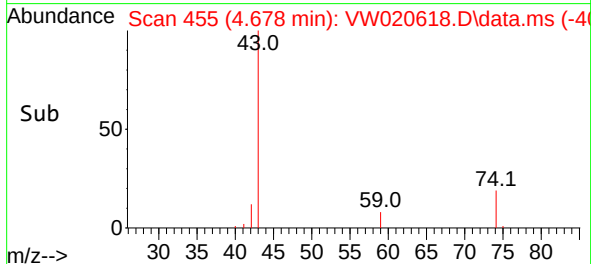
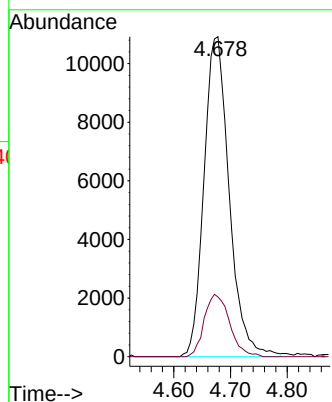
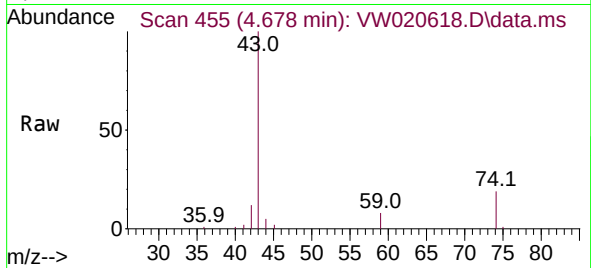




#15
Methyl Acetate
Concen: 24.677 ug/L
RT: 4.678 min Scan# 455
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

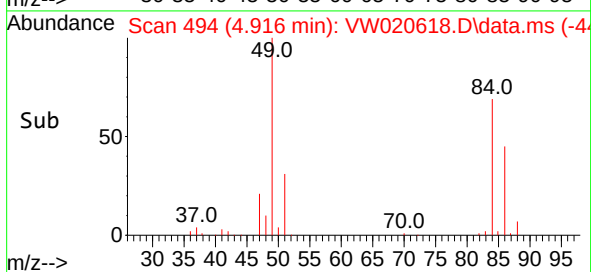
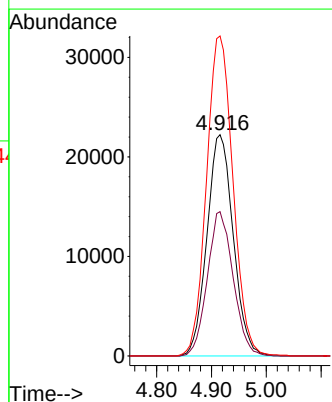
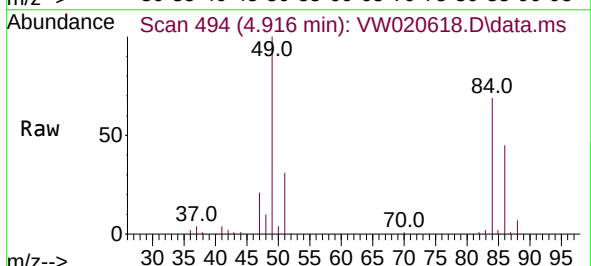
Instrument :
MSVOA_W
ClientSampled :

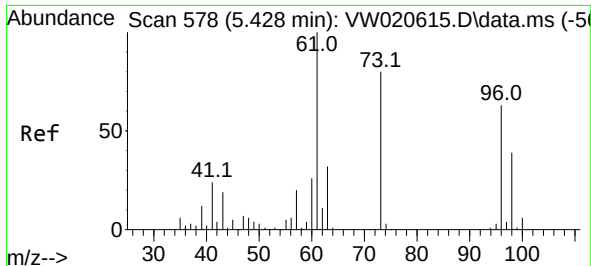
Tgt Ion: 43 Resp: 33750
Ion Ratio Lower Upper
43 100
74 19.6 16.1 24.1



#16
Methylene chloride
Concen: 21.033 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

Tgt Ion: 84 Resp: 74065
Ion Ratio Lower Upper
84 100
86 65.2 44.7 83.1
49 144.6 101.7 188.9





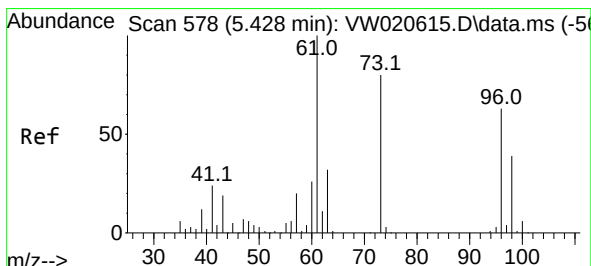
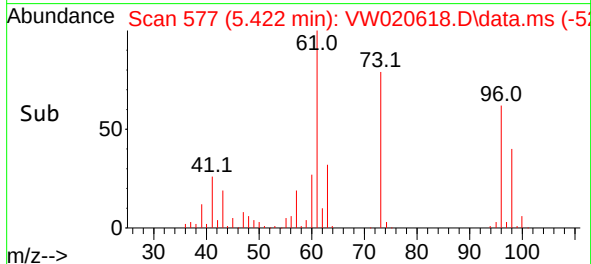
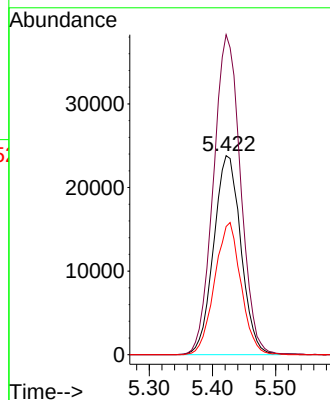
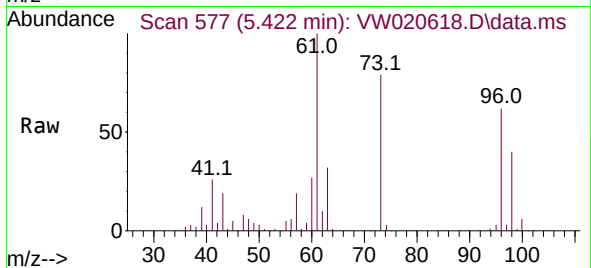
#17

trans-1,2-Dichloroethene
Concen: 26.658 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 96 Resp: 71234

Ion	Ratio	Lower	Upper
96	100		
61	160.8	110.7	205.5
98	64.4	43.9	81.5

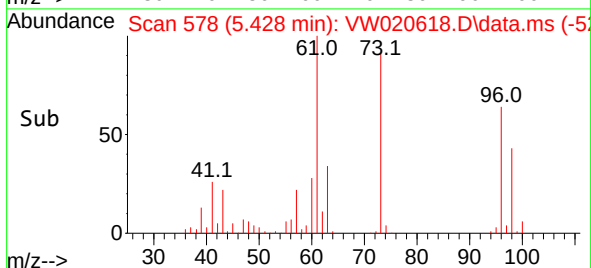
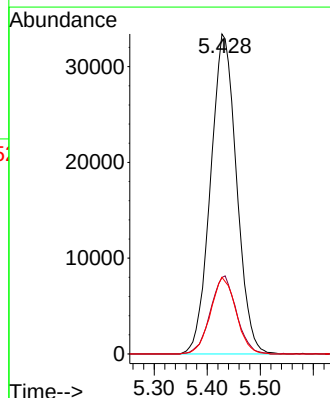
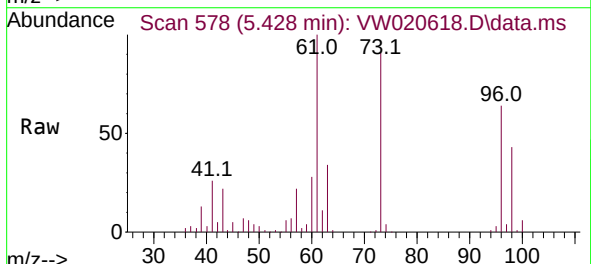


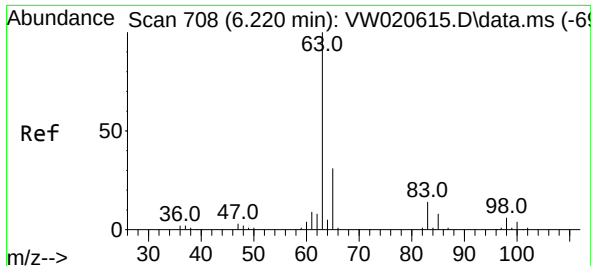
#18

Methyl tert-butyl Ether
Concen: 30.221 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

Tgt Ion: 73 Resp: 113776

Ion	Ratio	Lower	Upper
73	100		
43	24.4	18.9	28.3
57	23.5	18.9	28.3





#19

1,1-Dichloroethane

Concen: 28.271 ug/L

RT: 6.214 min Scan# 707

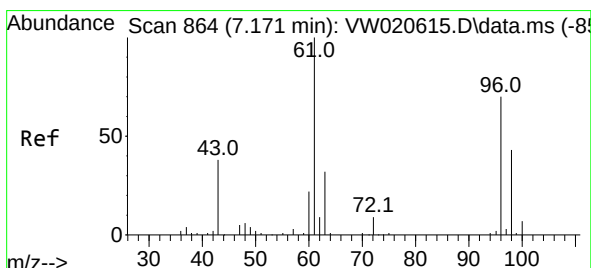
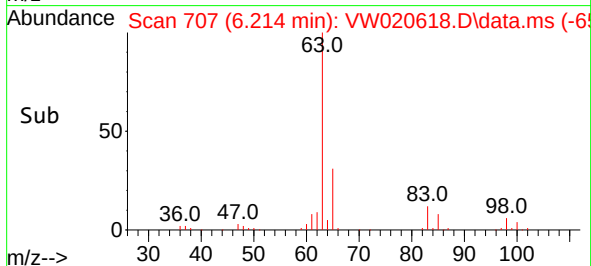
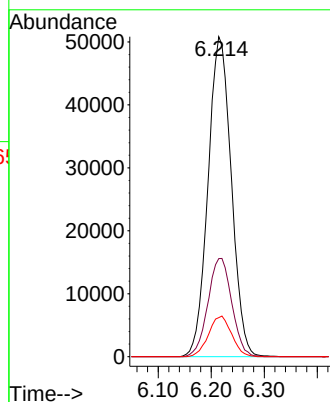
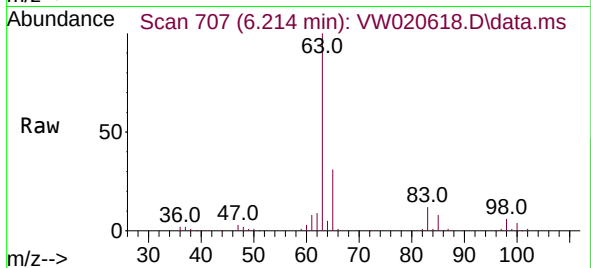
Delta R.T. -0.006 min

Lab File: VW020618.D

Acq: 19 Oct 2021 20:23

Tgt Ion: 63	Resp: 154866
Ion Ratio	Lower Upper
63 100	
65 30.6	21.9 40.7
83 12.2	9.0 16.6

Instrument :
MSVOA_W
ClientSampleId :



#20

cis-1,2-Dichloroethene

Concen: 28.199 ug/L

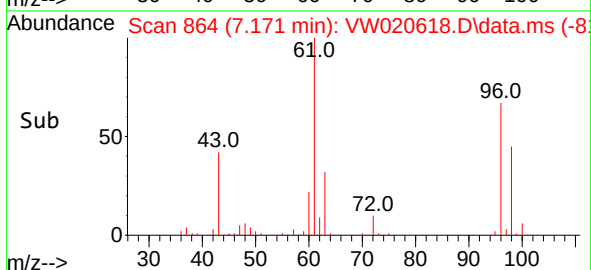
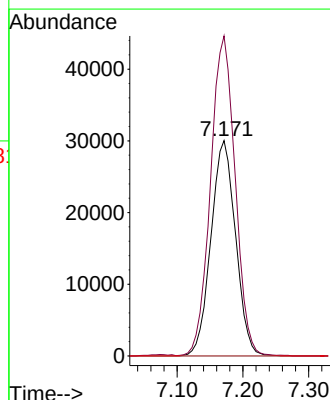
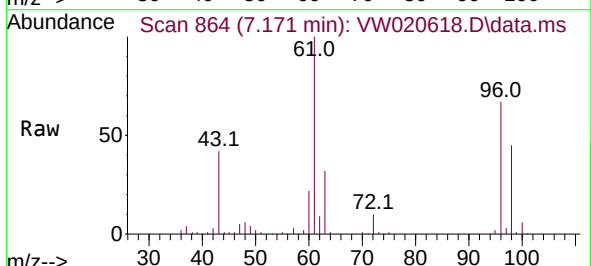
RT: 7.171 min Scan# 864

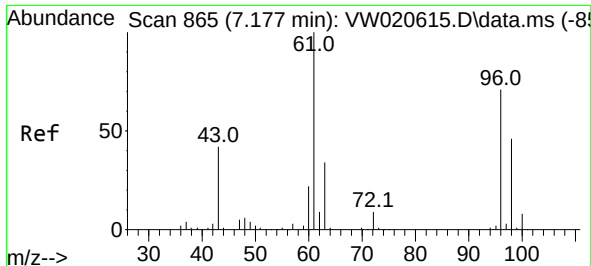
Delta R.T. -0.000 min

Lab File: VW020618.D

Acq: 19 Oct 2021 20:23

Tgt Ion: 96	Resp: 78323
Ion Ratio	Lower Upper
96 100	
61 148.5	100.3 186.3
68 0.0	0.0 0.0

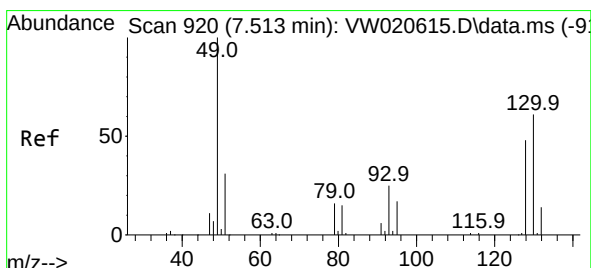
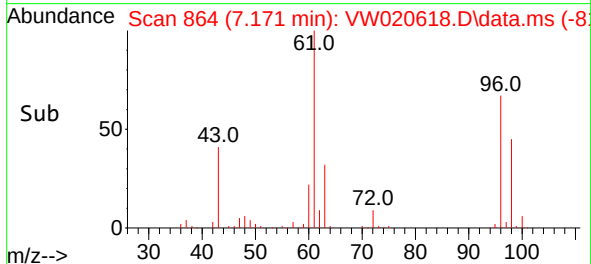
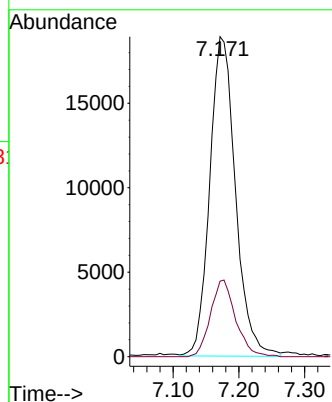
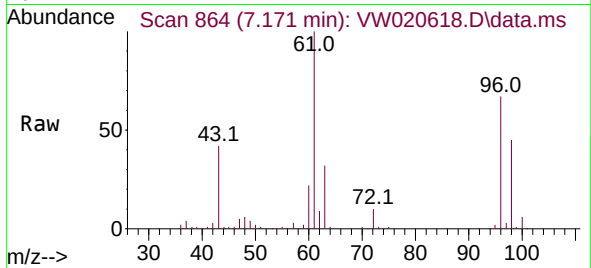




#22
2-Butanone
Concen: 55.849 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

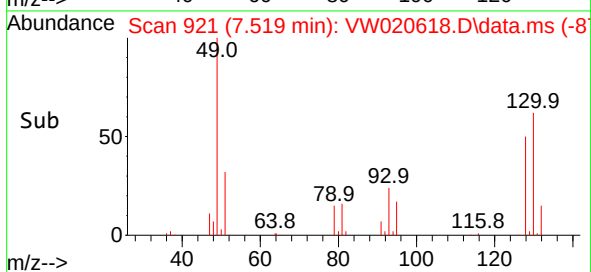
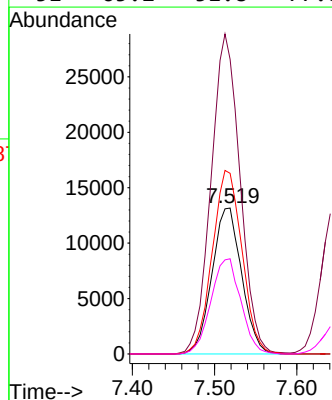
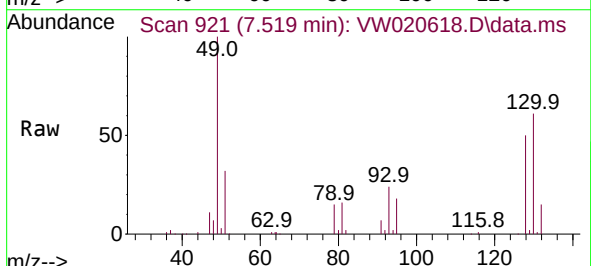
Instrument :
MSVOA_W
ClientSampled :

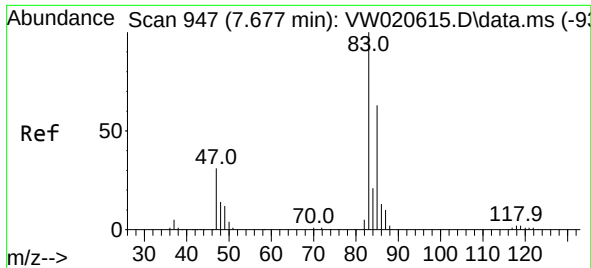
Tgt Ion: 43 Resp: 51487
Ion Ratio Lower Upper
43 100
72 23.3 12.2 36.6



#23
Bromochloromethane
Concen: 27.076 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

Tgt Ion: 128 Resp: 32984
Ion Ratio Lower Upper
128 100
49 201.9 144.1 267.7
130 123.8 89.2 165.6
51 65.2 51.8 77.8

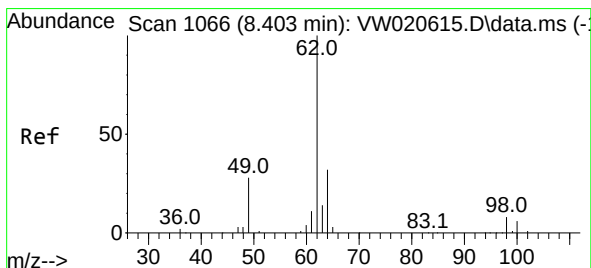
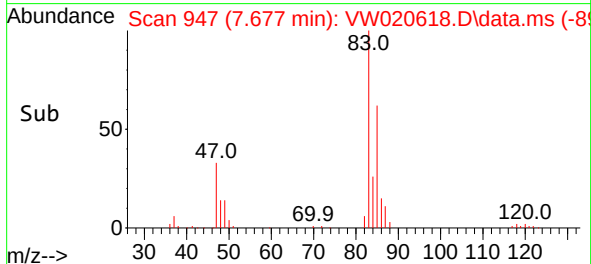
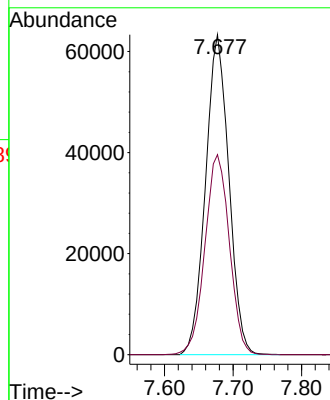
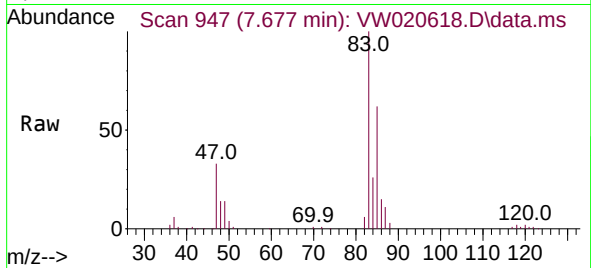




#25
Chloroform
Concen: 28.136 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

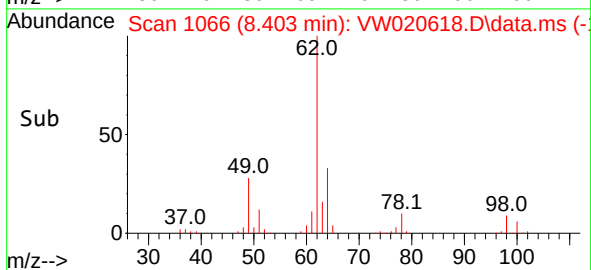
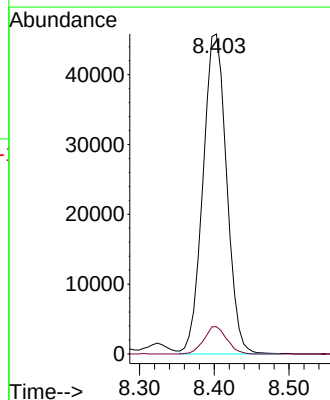
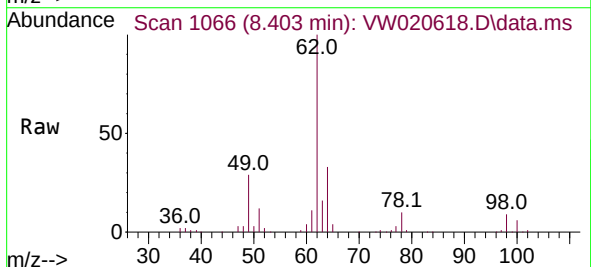
Instrument :
MSVOA_W
ClientSampled :

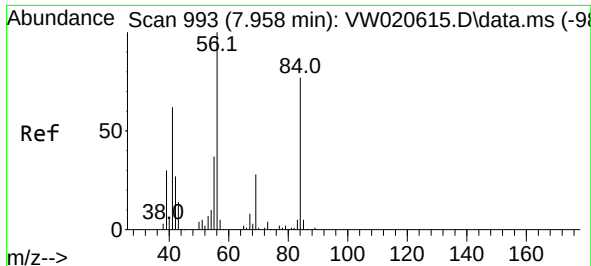
Tgt Ion: 83 Resp: 149839
Ion Ratio Lower Upper
83 100
85 62.5 44.6 82.8



#27
1,2-Dichloroethane
Concen: 27.681 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

Tgt Ion: 62 Resp: 100827
Ion Ratio Lower Upper
62 100
98 8.6 6.6 10.0





#29

Cyclohexane

Concen: 28.924 ug/L

RT: 7.958 min Scan# 993

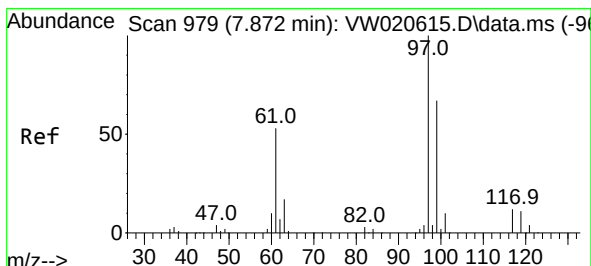
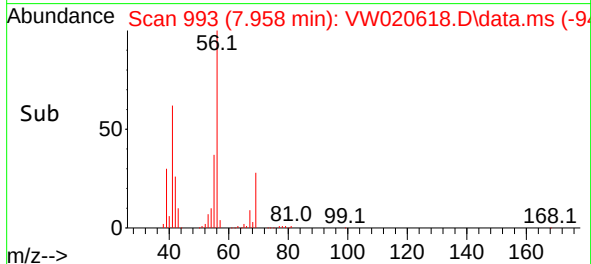
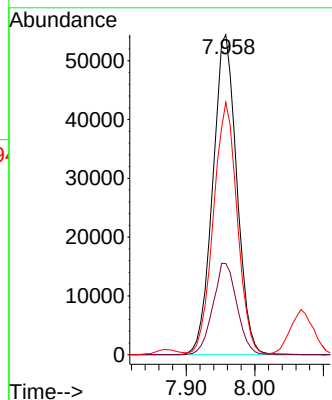
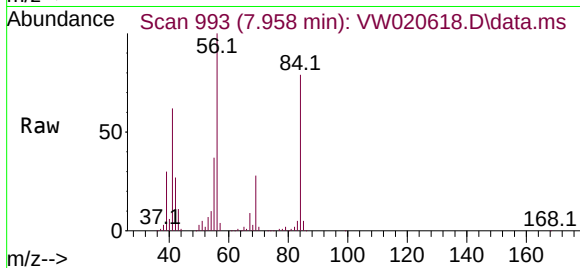
Delta R.T. -0.000 min

Lab File: VW020618.D

Acq: 19 Oct 2021 20:23

Tgt Ion: 56 Resp: 132067

Ion	Ratio	Lower	Upper
56	100		
69	28.6	23.2	34.8
84	78.6	63.7	95.5



#30

1,1,1-Trichloroethane

Concen: 30.076 ug/L

RT: 7.872 min Scan# 979

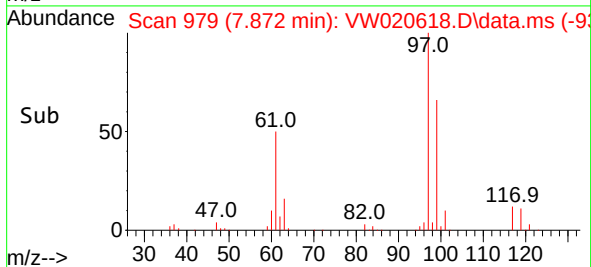
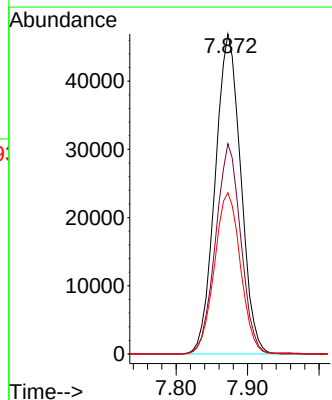
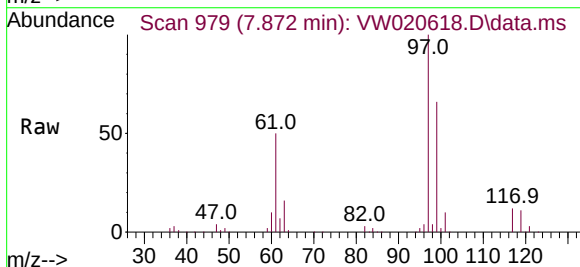
Delta R.T. -0.000 min

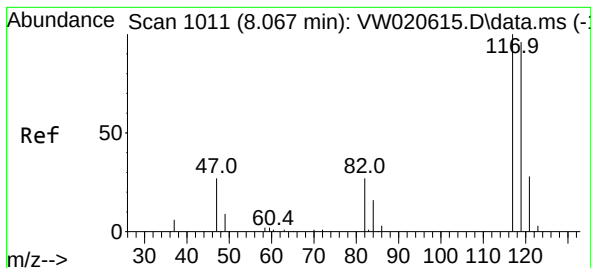
Lab File: VW020618.D

Acq: 19 Oct 2021 20:23

Tgt Ion: 97 Resp: 116527

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	51.4	41.0	61.6

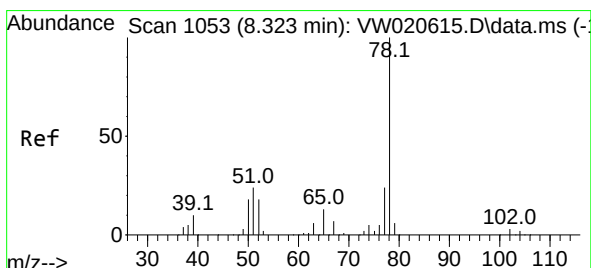
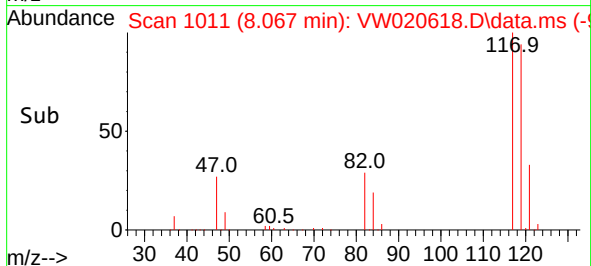
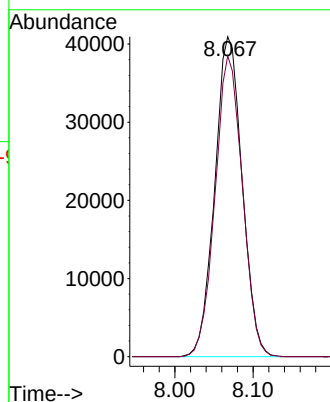
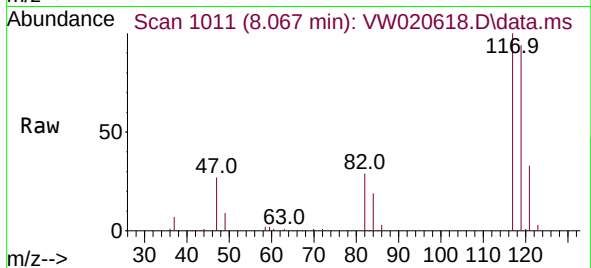




#31
Carbon tetrachloride
Concen: 29.174 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

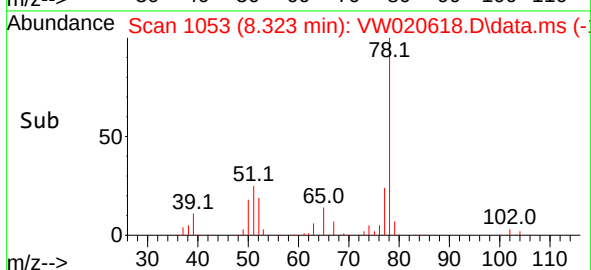
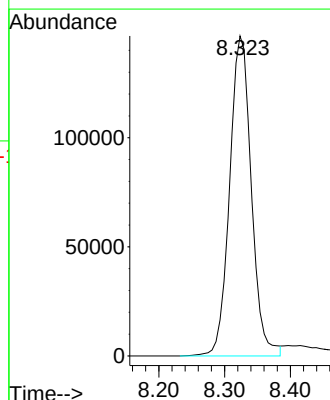
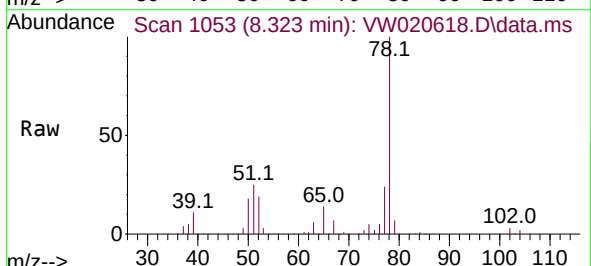
Instrument :
MSVOA_W
ClientSampled :

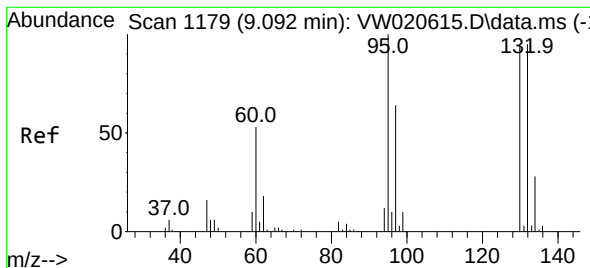
Tgt Ion:117 Resp: 99379
Ion Ratio Lower Upper
117 100
119 93.9 77.0 115.4



#33
Benzene
Concen: 30.348 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

Tgt Ion: 78 Resp: 337121



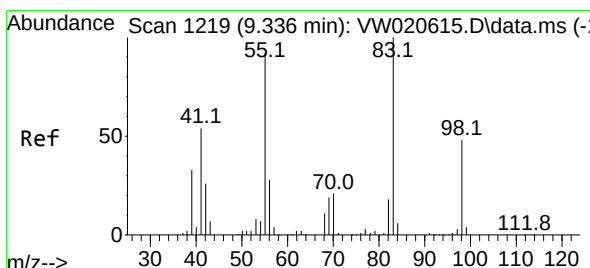
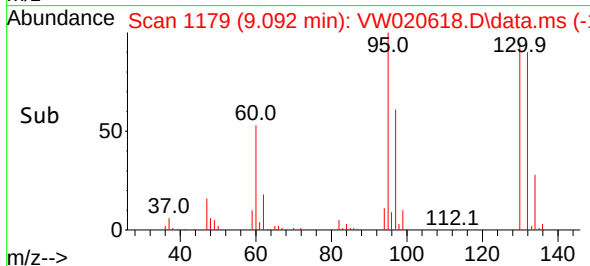
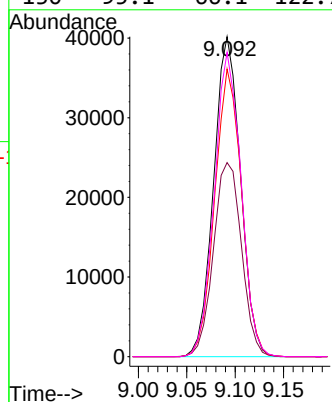
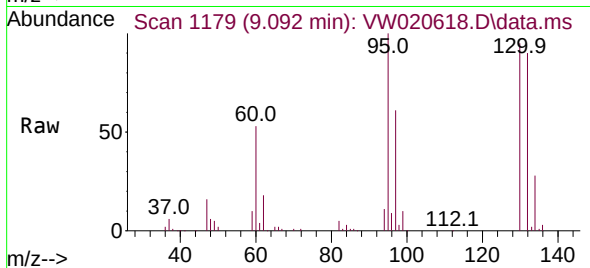


#34
Trichloroethene
Concen: 28.390 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 77693

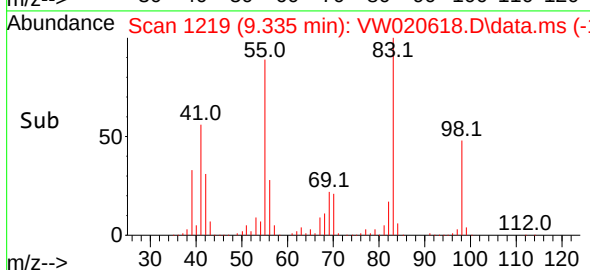
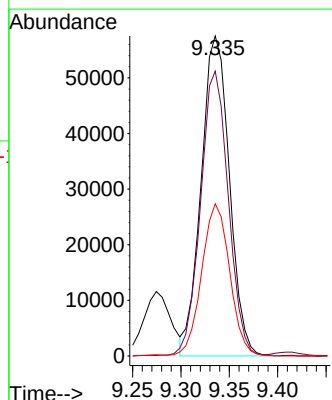
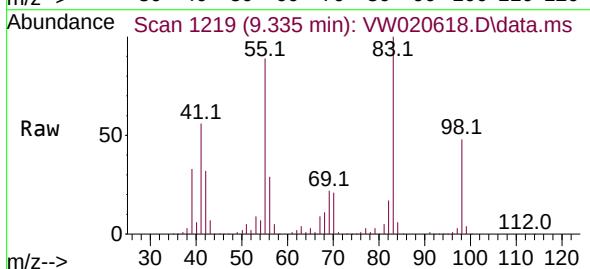
Ion	Ratio	Lower	Upper
95	100		
97	60.7	43.2	80.2
132	89.9	62.3	115.7
130	95.1	66.1	122.7

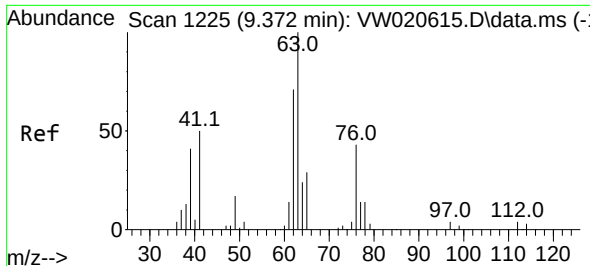


#35
Methylcyclohexane
Concen: 24.965 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

Tgt Ion: 83 Resp: 116915

Ion	Ratio	Lower	Upper
83	100		
55	87.6	69.7	104.5
98	47.2	38.2	57.2





#37

1,2-Dichloropropane

Concen: 30.380 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.006 min

Lab File: VW020618.D

Acq: 19 Oct 2021 20:23

Instrument :

MSVOA_W

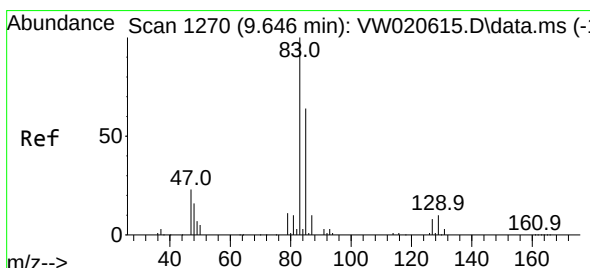
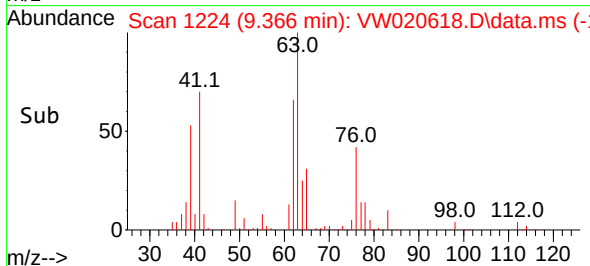
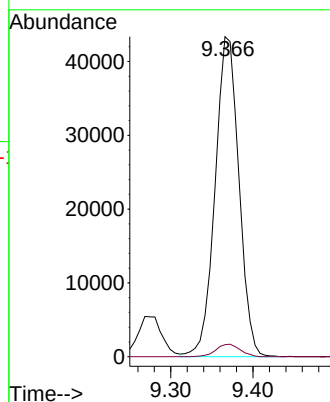
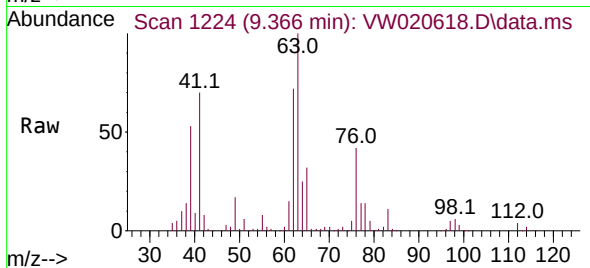
ClientSampled :

Tgt Ion: 63 Resp: 87394

Ion Ratio Lower Upper

63 100

112 4.0 3.5 5.3



#38

Bromodichloromethane

Concen: 30.510 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW020618.D

Acq: 19 Oct 2021 20:23

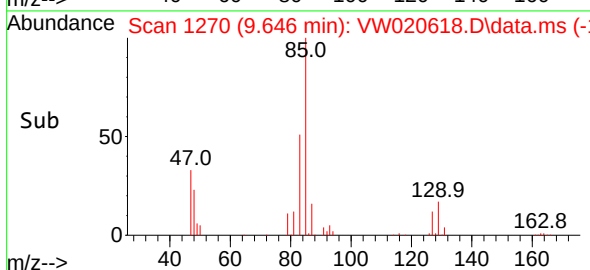
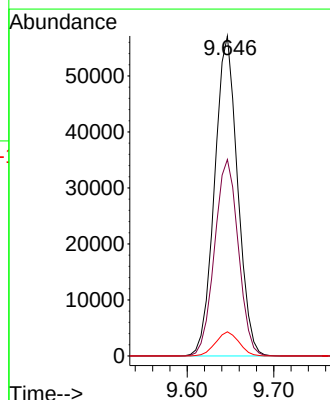
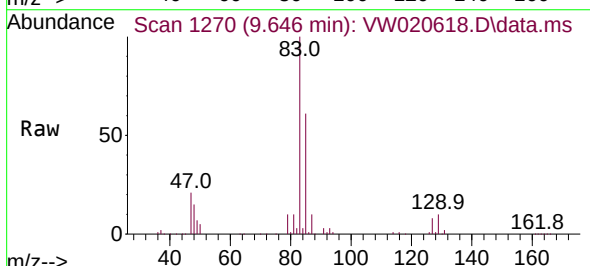
Tgt Ion: 83 Resp: 105229

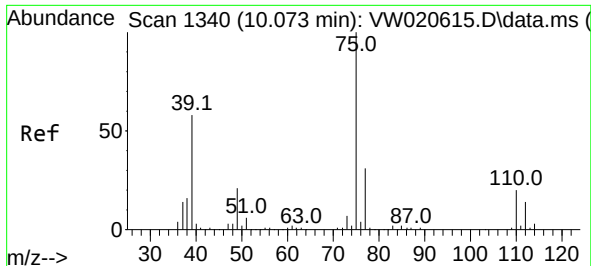
Ion Ratio Lower Upper

83 100

85 61.4 43.4 80.6

127 7.5 6.2 9.2

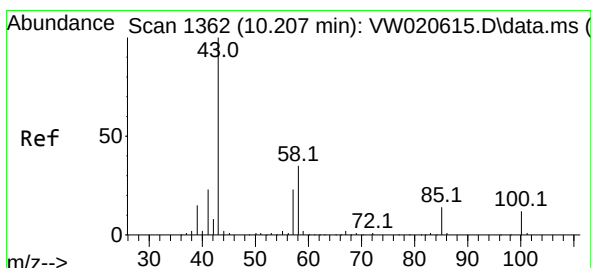
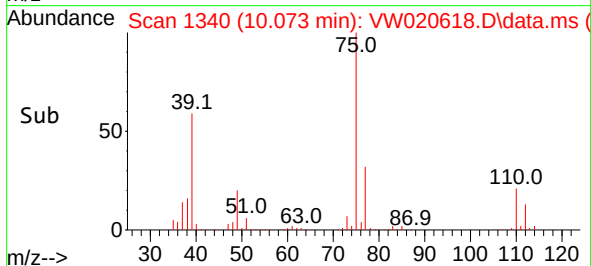
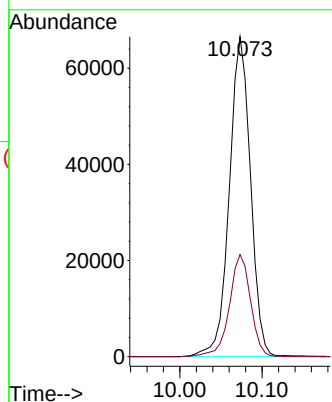
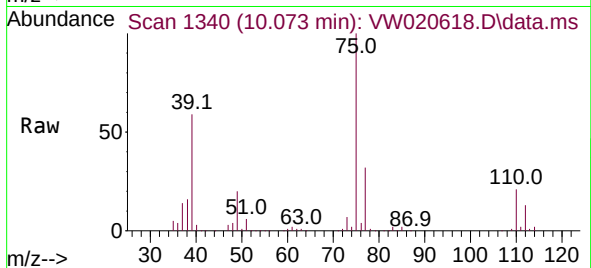




#39
cis-1,3-Dichloropropene
Concen: 30.063 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

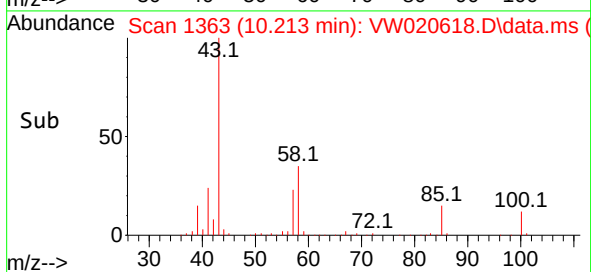
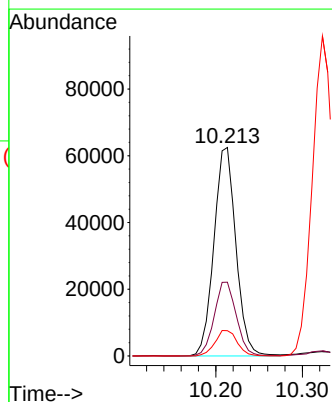
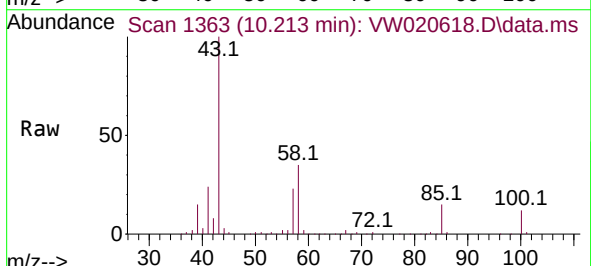
Instrument :
MSVOA_W
ClientSampled :

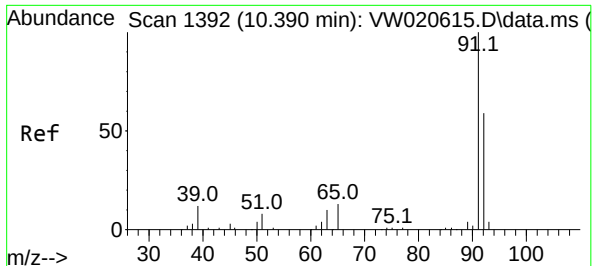
Tgt Ion: 75 Resp: 119319
Ion Ratio Lower Upper
75 100
77 31.9 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 63.930 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

Tgt Ion: 43 Resp: 110381
Ion Ratio Lower Upper
43 100
58 35.5 29.0 43.4
100 12.3 10.2 15.4





#42

Toluene

Concen: 29.767 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW020618.D

Acq: 19 Oct 2021 20:23

Tgt Ion: 91 Resp: 331672

Ion Ratio Lower Upper

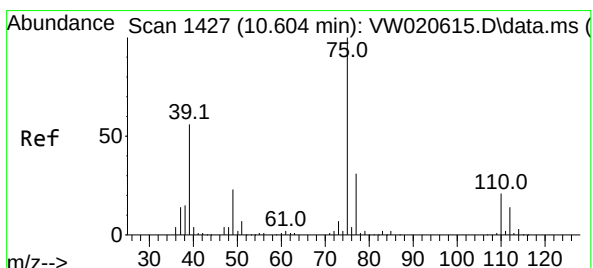
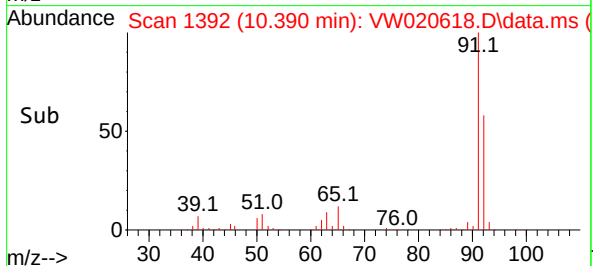
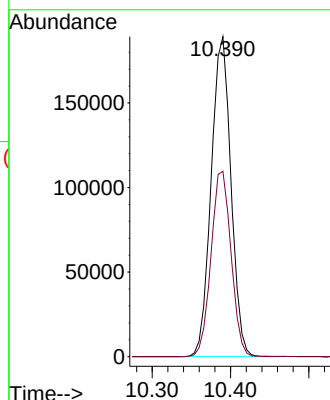
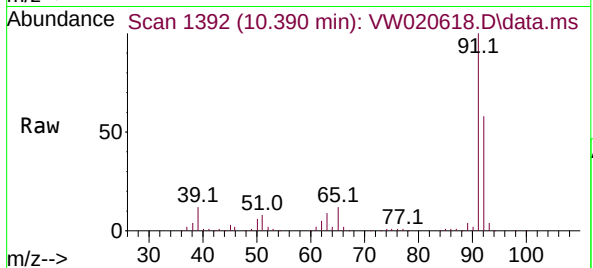
91 100

92 58.0 41.5 77.1

Instrument :

MSVOA_W

ClientSampled :



#44

trans-1,3-Dichloropropene

Concen: 29.412 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW020618.D

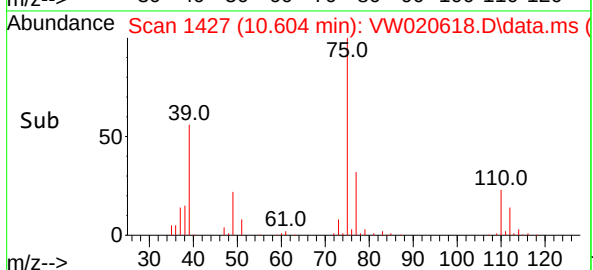
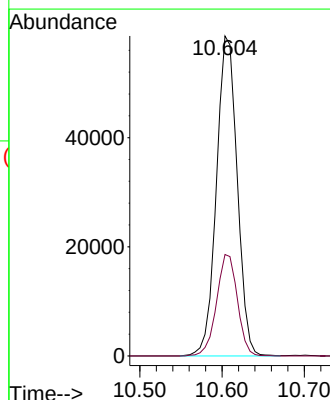
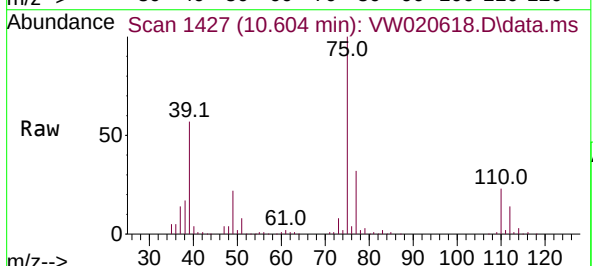
Acq: 19 Oct 2021 20:23

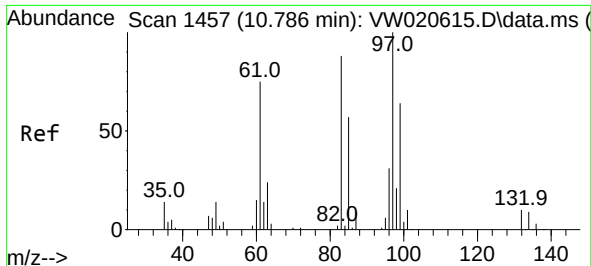
Tgt Ion: 75 Resp: 102909

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.4



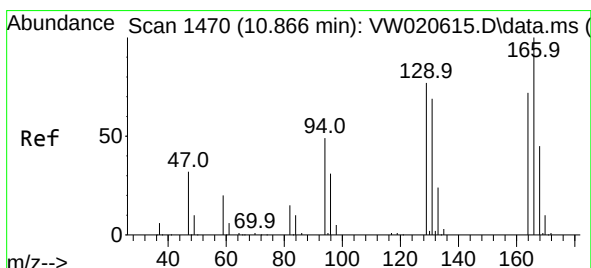
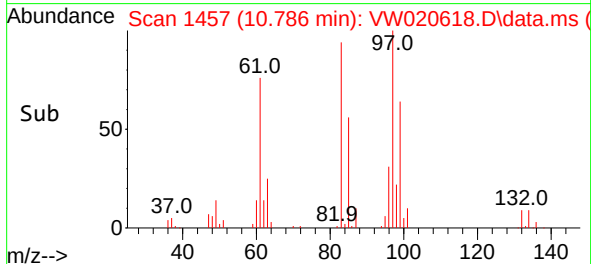
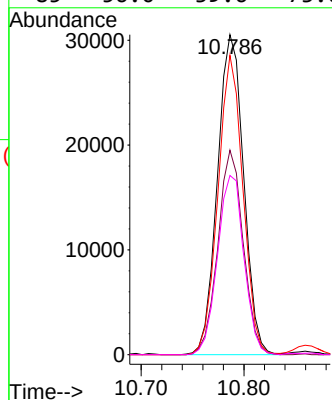
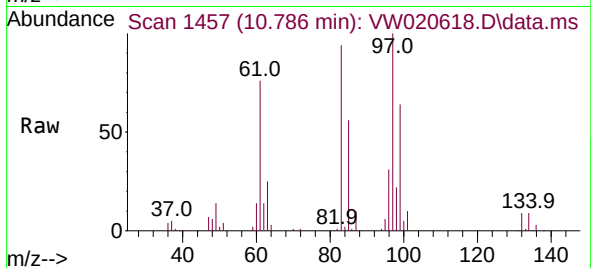


#45

1,1,2-Trichloroethane
Concen: 29.284 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

Instrument :
MSVOA_W
ClientSampleId :

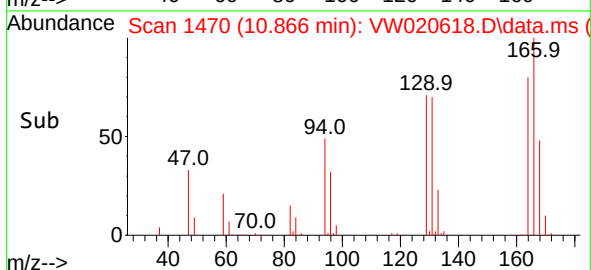
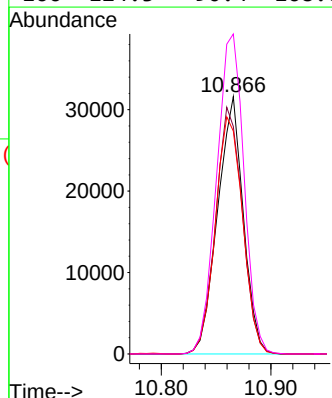
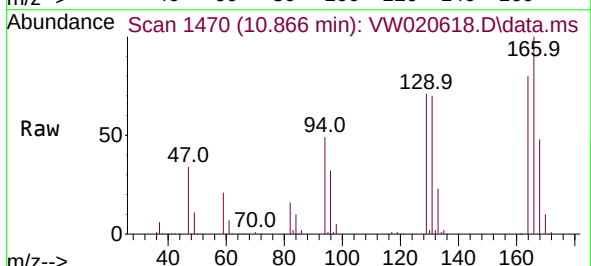
Tgt Ion: 97	Resp: 54088
Ion Ratio	Lower Upper
97 100	
99 63.9	42.8 79.4
83 93.6	60.9 113.1
85 56.0	39.6 73.6

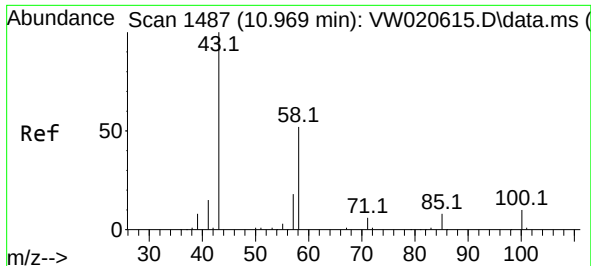


#46

Tetrachloroethene
Concen: 26.222 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

Tgt	Ion:164	Resp:	51543
Ion	Ratio	Lower	Upper
164	100		
129	88.4	69.1	128.3
131	86.6	58.3	108.3
166	124.3	90.4	168.0

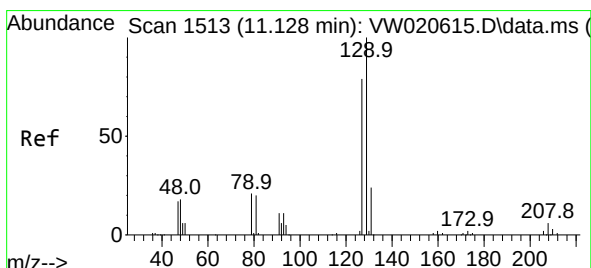
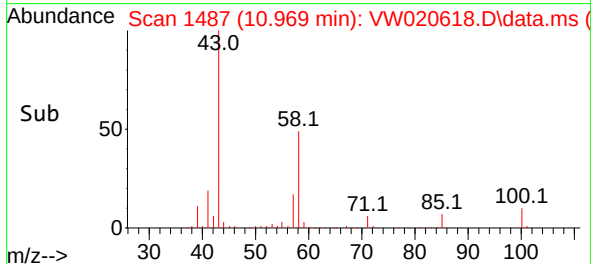
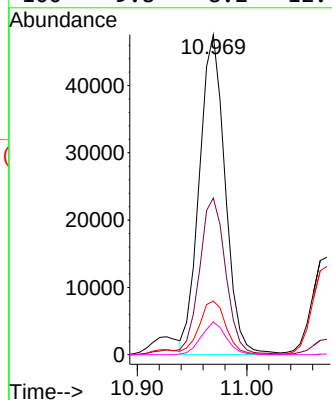
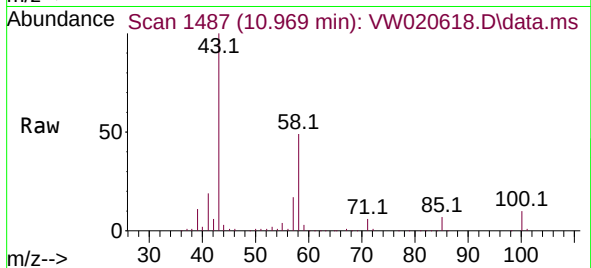




#48
2-Hexanone
Concen: 61.406 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

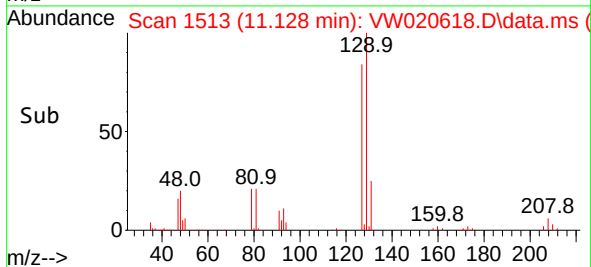
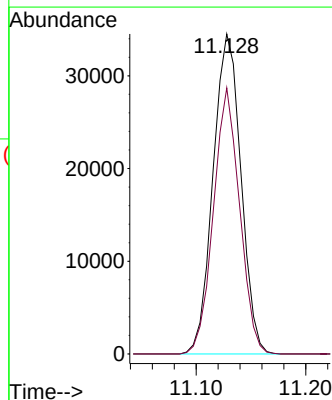
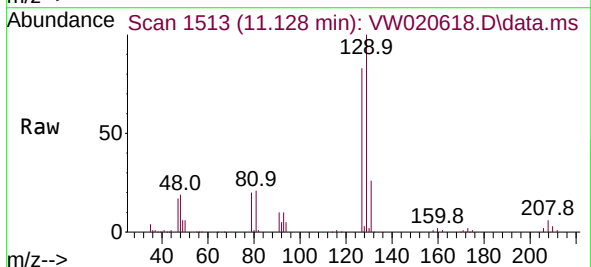
Instrument :
MSVOA_W
ClientSampleId :

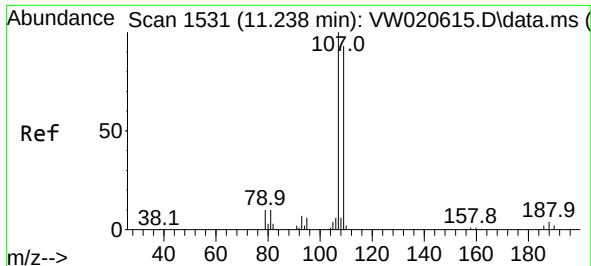
Tgt Ion:	43	Resp:	77788
Ion	Ratio	Lower	Upper
43	100		
58	49.9	39.5	59.3
57	17.5	14.2	21.4
100	9.8	8.2	12.4



#49
Dibromochloromethane
Concen: 29.944 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

Tgt Ion:	129	Resp:	60932
Ion	Ratio	Lower	Upper
129	100		
127	83.2	55.1	102.3

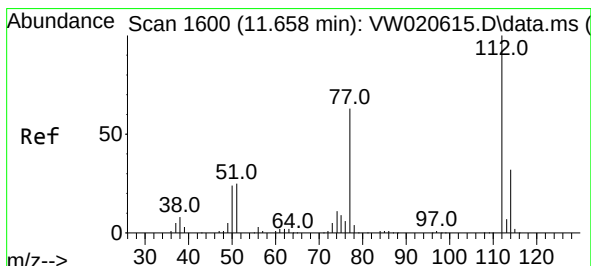
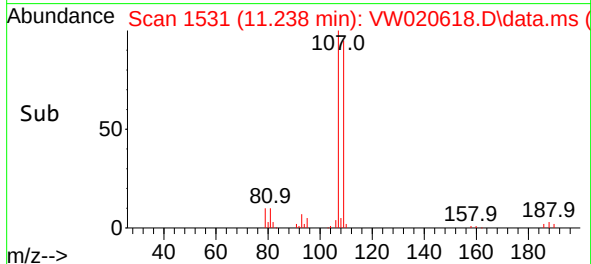
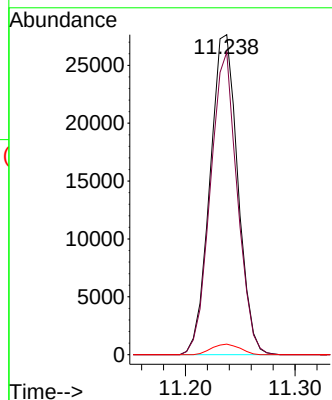
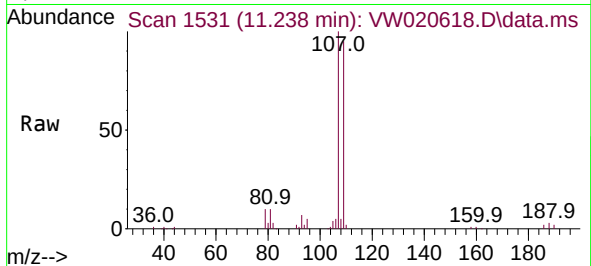




#50
1,2-Dibromoethane
Concen: 28.773 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

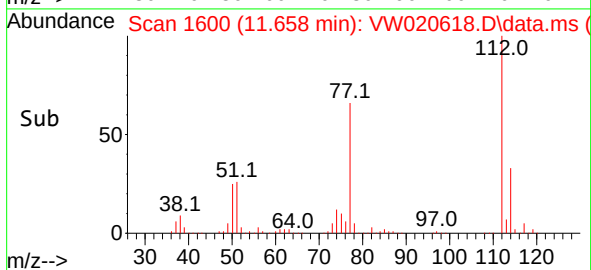
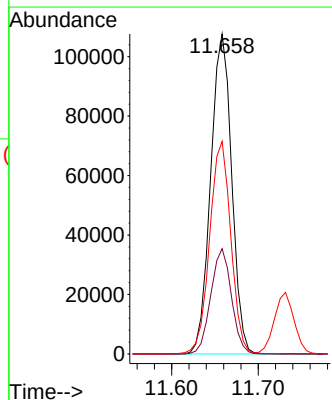
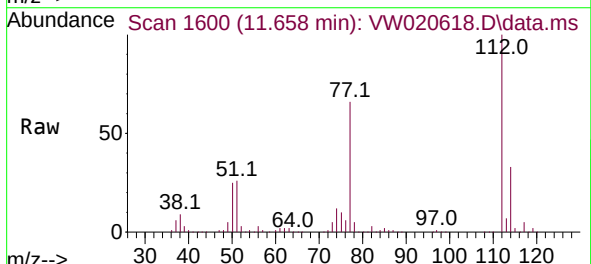
Instrument :
MSVOA_W
ClientSampleId :

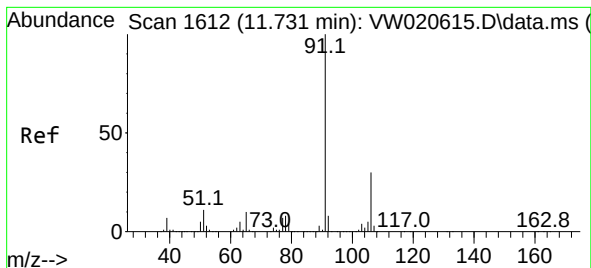
Tgt Ion:	107	Resp:	48815
Ion	Ratio	Lower	Upper
107	100		
109	94.5	64.5	119.9
188	3.3	3.2	4.8



#51
Chlorobenzene
Concen: 26.403 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

Tgt Ion:	112	Resp:	181411
Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.3	41.5
77	66.4	50.7	76.1

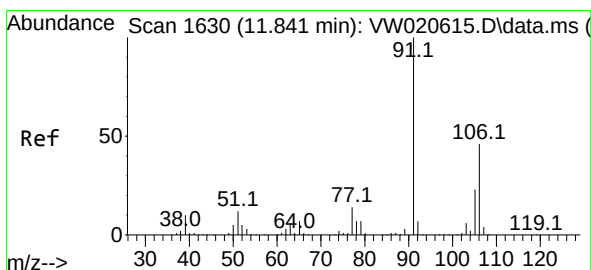
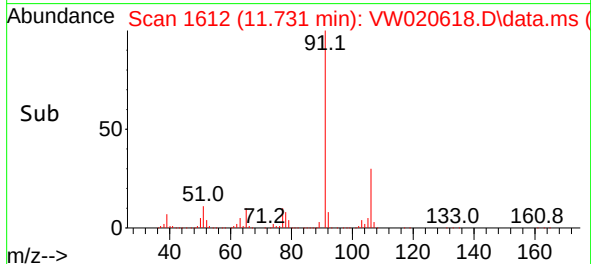
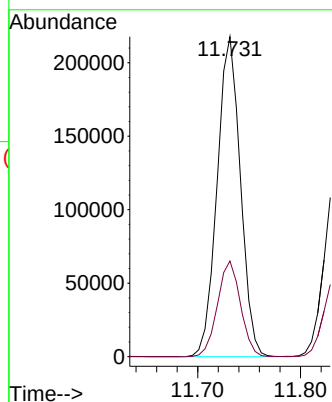
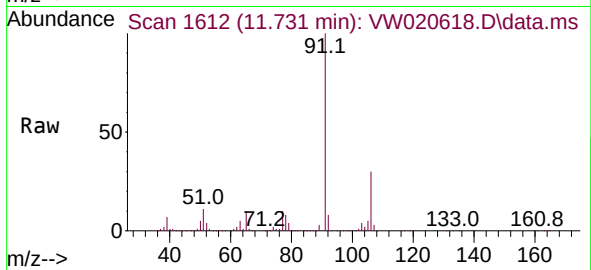




#52
Ethylbenzene
Concen: 28.297 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

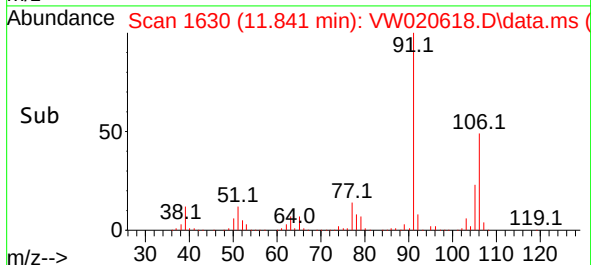
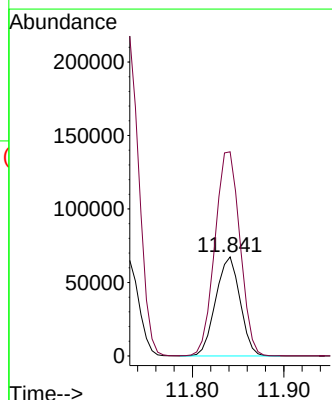
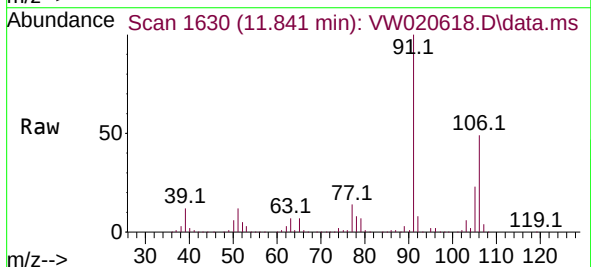
Instrument :
MSVOA_W
ClientSampled :

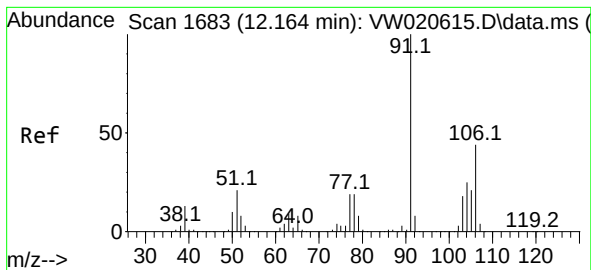
Tgt Ion: 91 Resp: 341904
Ion Ratio Lower Upper
91 100
106 29.9 21.3 39.5



#53
m,p-Xylene
Concen: 27.855 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

Tgt Ion: 106 Resp: 124701
Ion Ratio Lower Upper
106 100
91 206.1 148.2 275.2

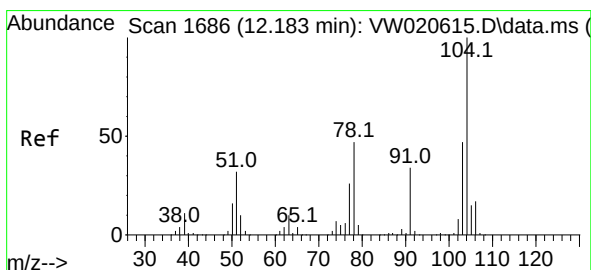
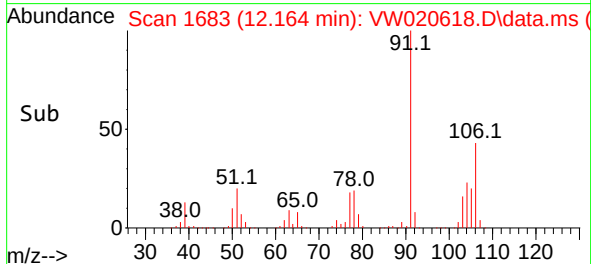
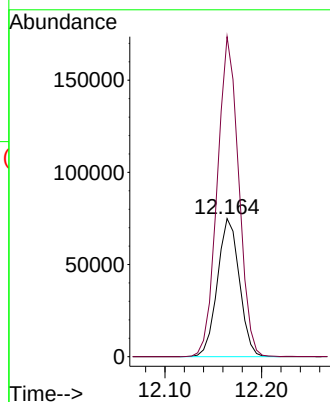
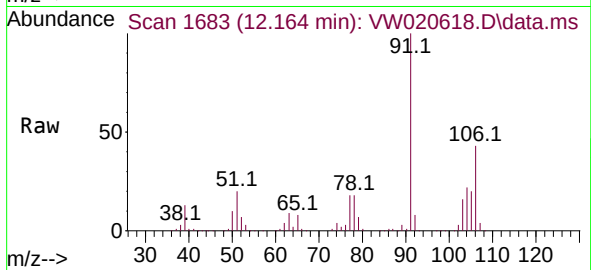




#54
o-Xylene
Concen: 28.580 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

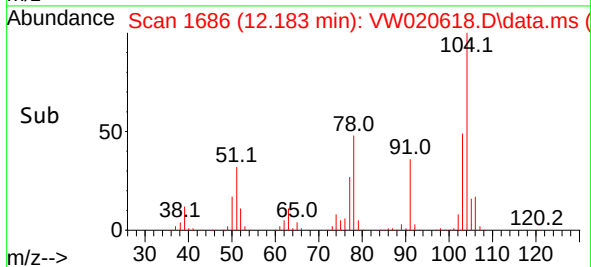
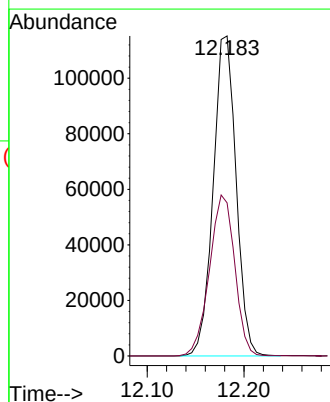
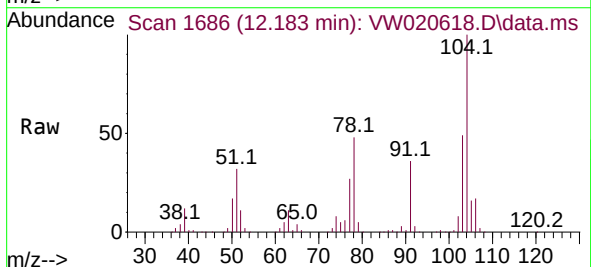
Instrument :
MSVOA_W
ClientSampleId :

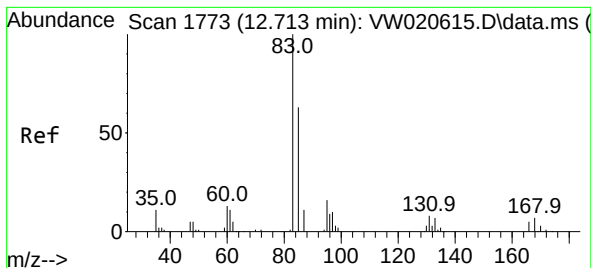
Tgt Ion:106 Resp: 118160
Ion Ratio Lower Upper
106 100
91 231.6 156.1 289.9



#55
Styrene
Concen: 26.190 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

Tgt Ion:104 Resp: 189322
Ion Ratio Lower Upper
104 100
78 47.9 33.2 61.7

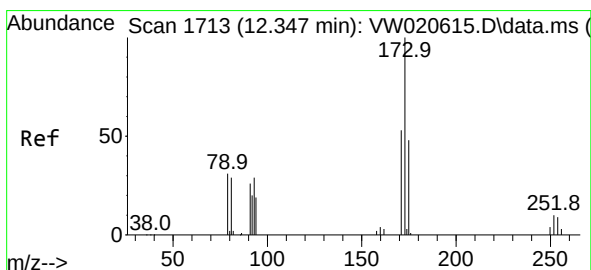
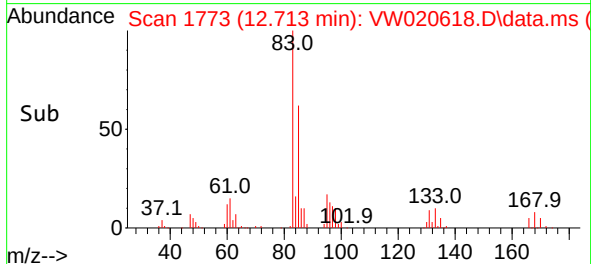
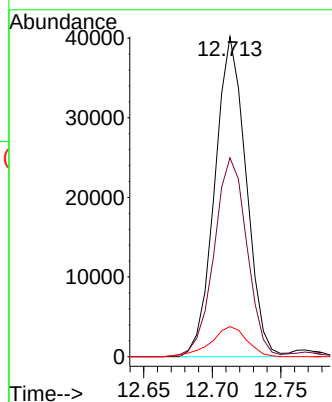
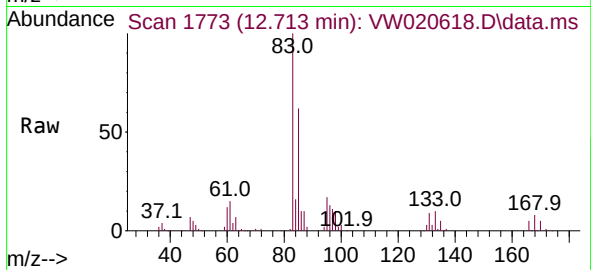




#57
1,1,2,2-Tetrachloroethane
Concen: 27.872 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

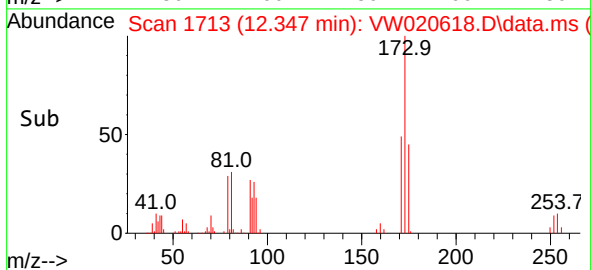
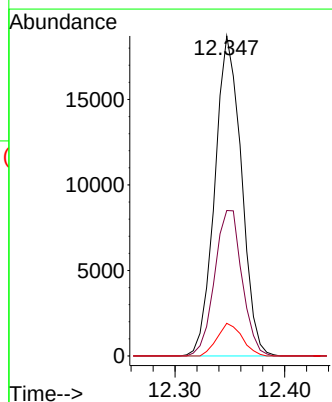
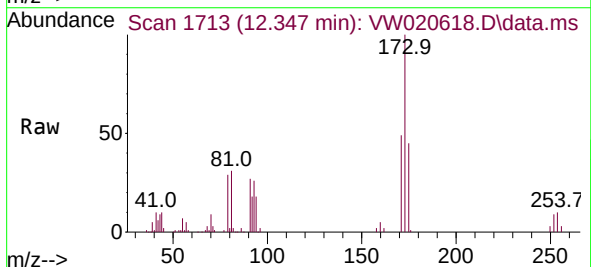
Instrument :
MSVOA_W
ClientSampleId :

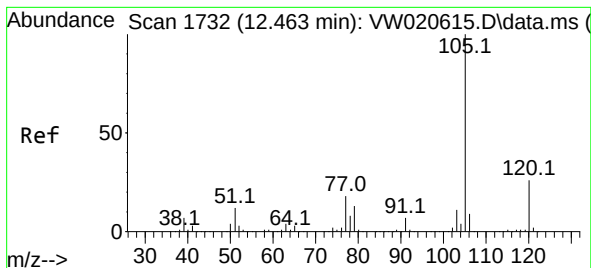
Tgt Ion: 83 Resp: 63819
Ion Ratio Lower Upper
83 100
85 62.1 45.9 85.3
131 9.4 7.4 11.2



#59
Bromoform
Concen: 35.567 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

Tgt Ion:173 Resp: 31528
Ion Ratio Lower Upper
173 100
175 47.0 38.6 57.8
254 9.6 7.3 10.9

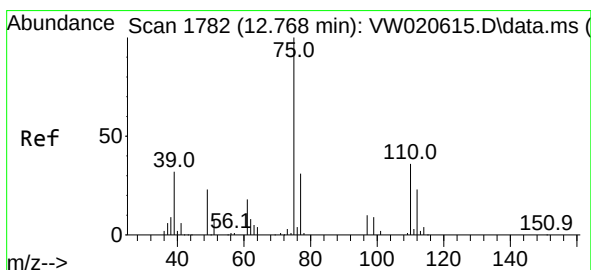
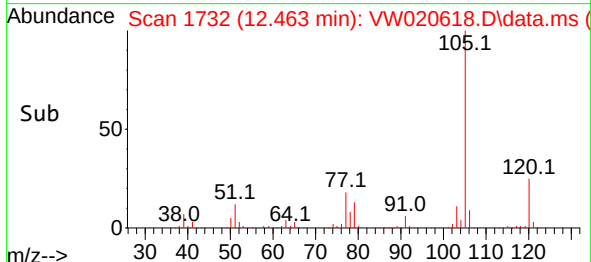
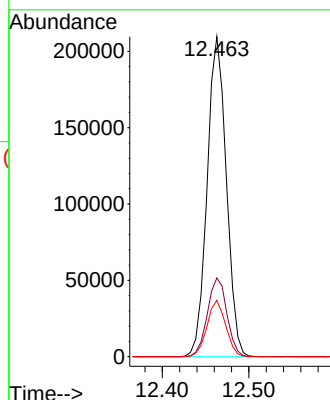
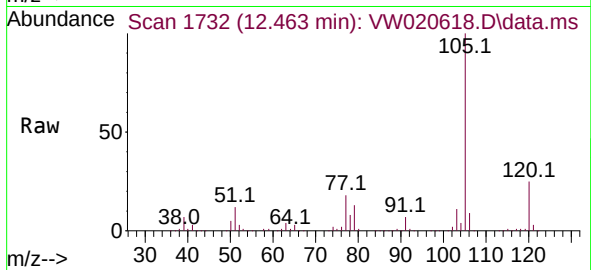




#60
Isopropylbenzene
Concen: 34.735 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

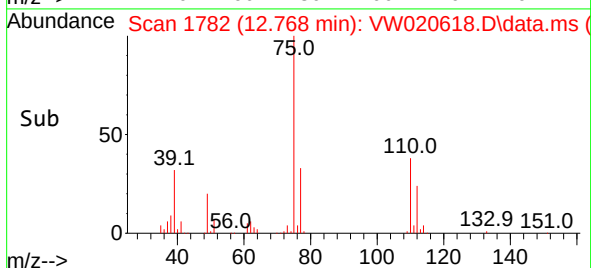
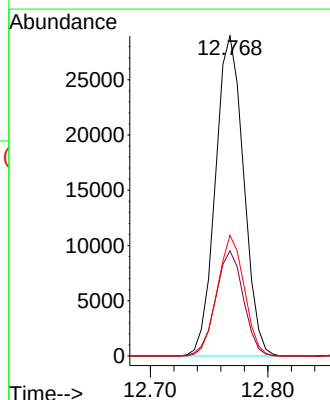
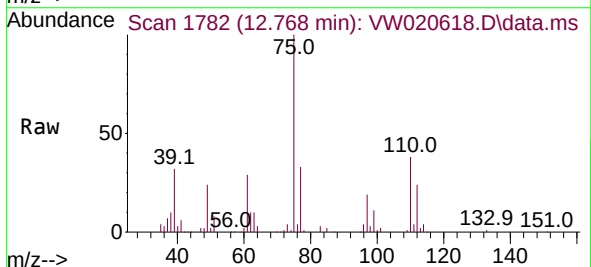
Instrument :
MSVOA_W
ClientSampleId :

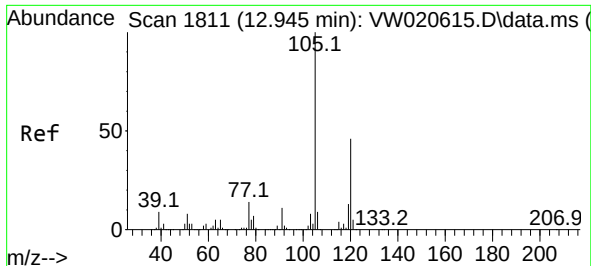
Tgt Ion:105 Resp: 322598
Ion Ratio Lower Upper
105 100
120 25.0 20.3 30.5
77 17.2 13.8 20.6



#61
1,2,3-Trichloropropane
Concen: 34.667 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

Tgt Ion: 75 Resp: 48327
Ion Ratio Lower Upper
75 100
77 32.2 25.1 37.7
110 36.0 29.4 44.0

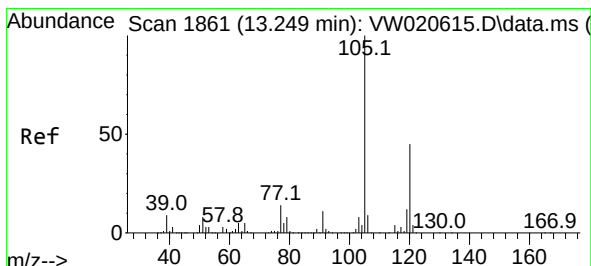
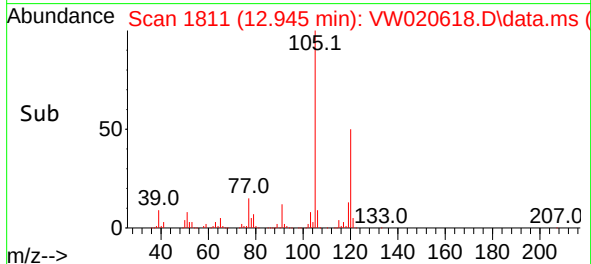
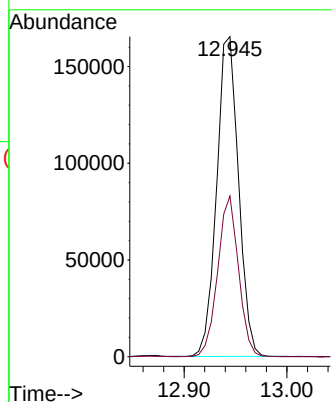
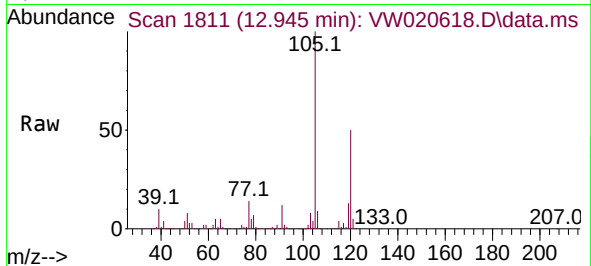




#62
1,3,5-Trimethylbenzene
Concen: 32.227 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

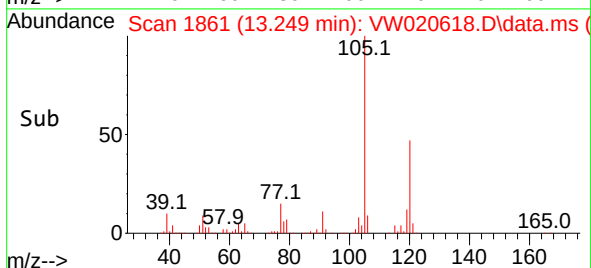
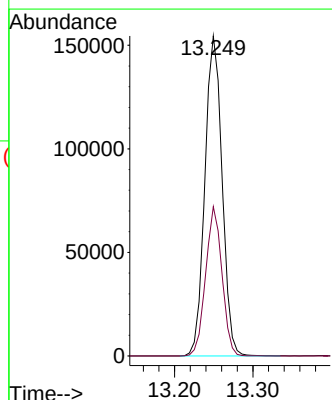
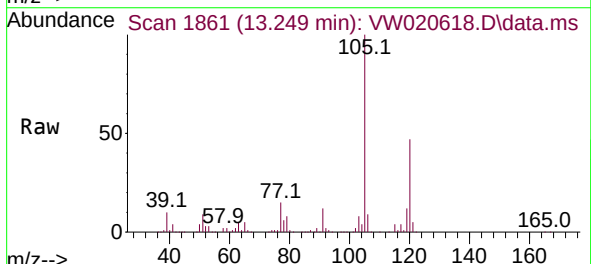
Instrument :
MSVOA_W
ClientSampled :

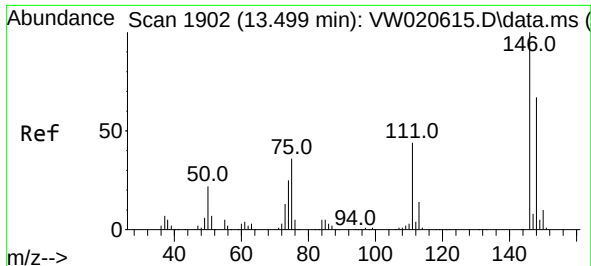
Tgt Ion:105 Resp: 244374
Ion Ratio Lower Upper
105 100
120 47.7 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 31.382 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

Tgt Ion:105 Resp: 235708
Ion Ratio Lower Upper
105 100
120 44.2 35.4 53.2

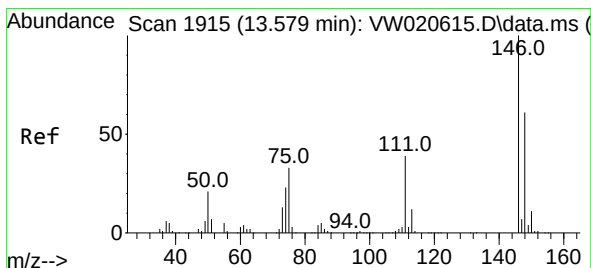
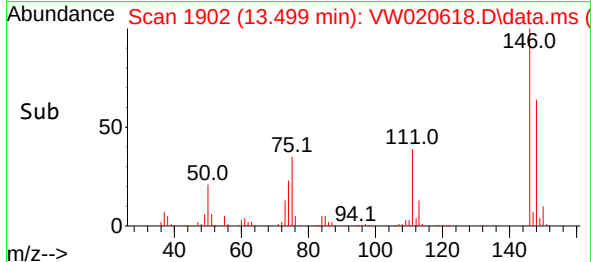
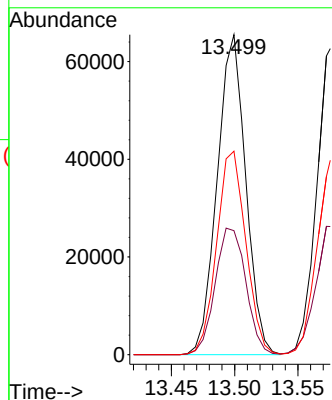
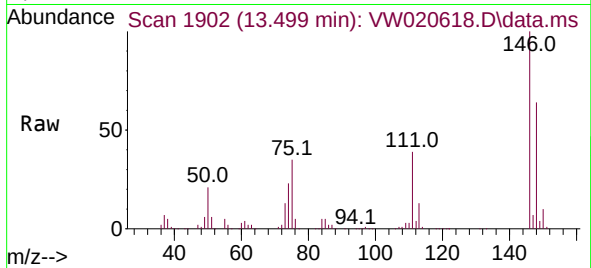




#64
1,3-Dichlorobenzene
Concen: 25.588 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

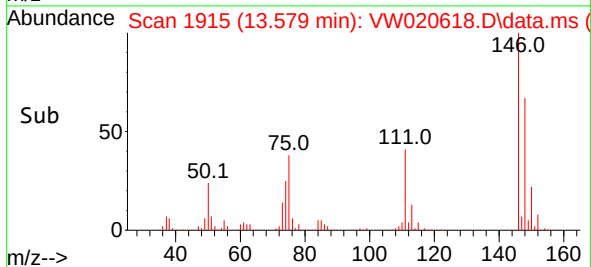
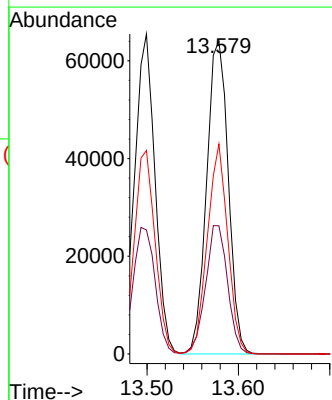
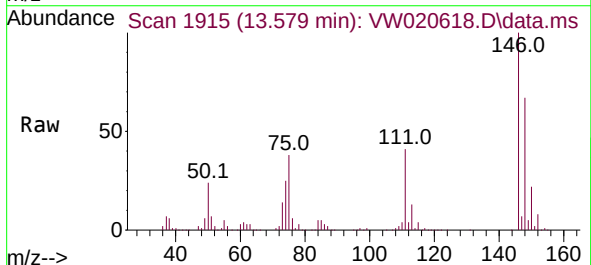
Instrument :
MSVOA_W
ClientSampleId :

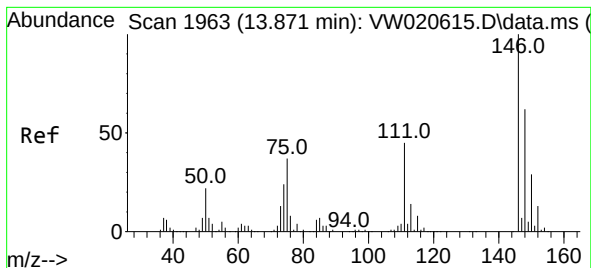
Tgt Ion:146 Resp: 102824
Ion Ratio Lower Upper
146 100
111 38.8 29.0 53.8
148 63.6 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 25.365 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

Tgt Ion:146 Resp: 105430
Ion Ratio Lower Upper
146 100
111 40.9 30.9 57.5
148 67.0 46.1 85.7

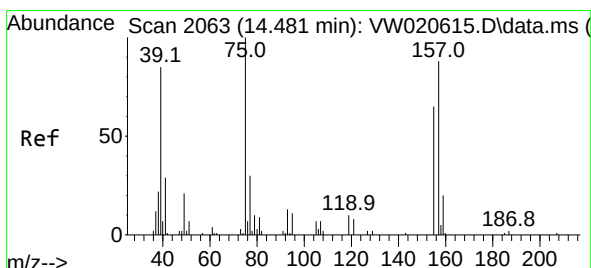
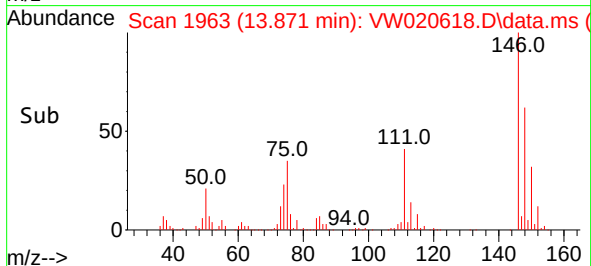
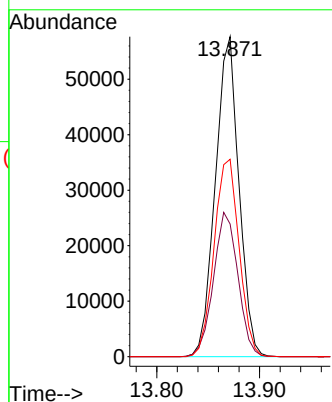
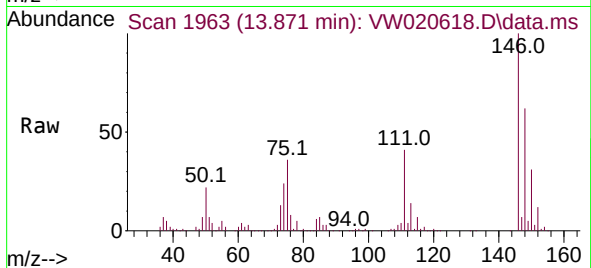




#67
1,2-Dichlorobenzene
Concen: 24.939 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

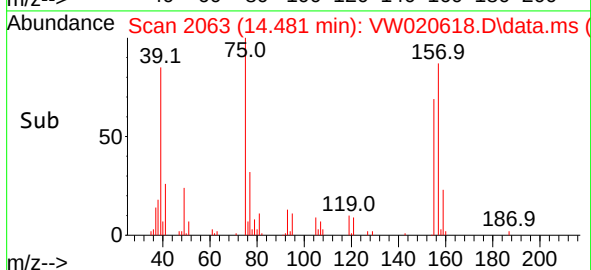
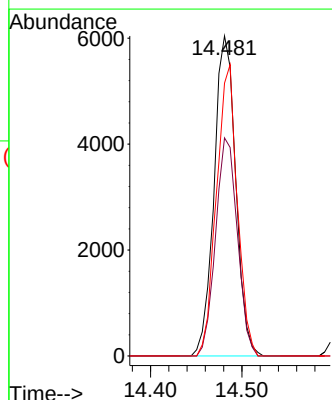
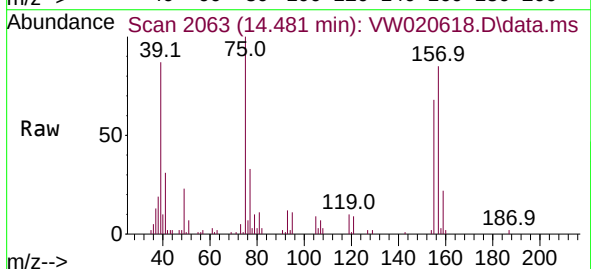
Instrument :
MSVOA_W
ClientSampleId :

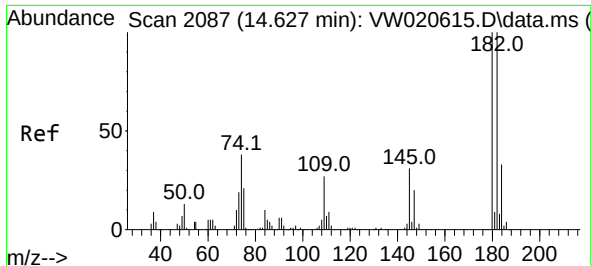
Tgt Ion:146 Resp: 91813
Ion Ratio Lower Upper
146 100
111 41.5 33.9 50.9
148 61.7 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 33.579 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

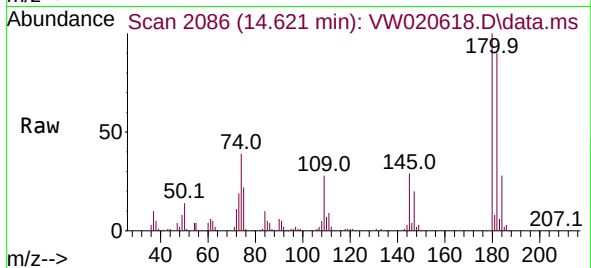
Tgt Ion: 75 Resp: 9943
Ion Ratio Lower Upper
75 100
155 68.2 51.4 77.0
157 85.2 70.8 106.2



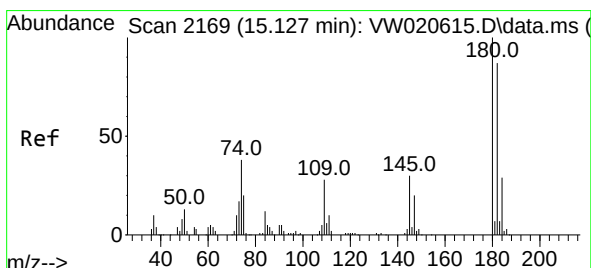
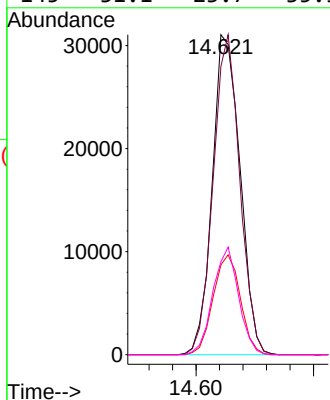
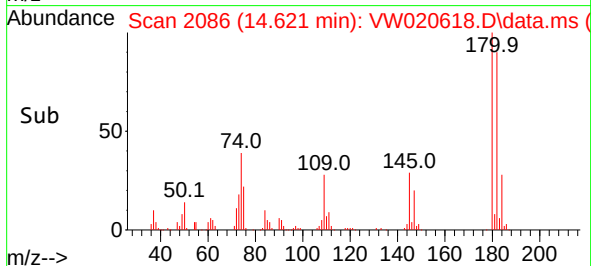


#69
1,3,5-Trichlorobenzene
Concen: 17.807 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

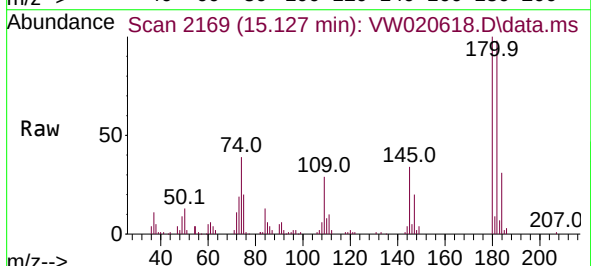
Instrument :
MSVOA_W
ClientSampleId :



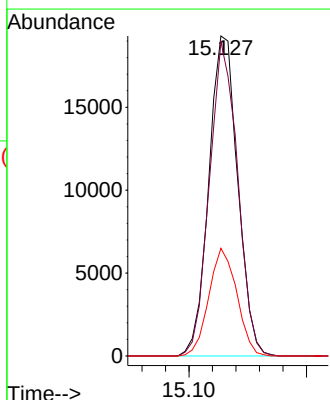
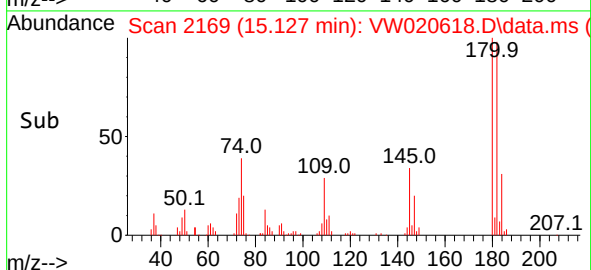
Tgt Ion:180 Resp: 51025
Ion Ratio Lower Upper
180 100
182 95.8 73.4 110.0
184 30.6 24.2 36.4
145 31.1 23.7 35.5

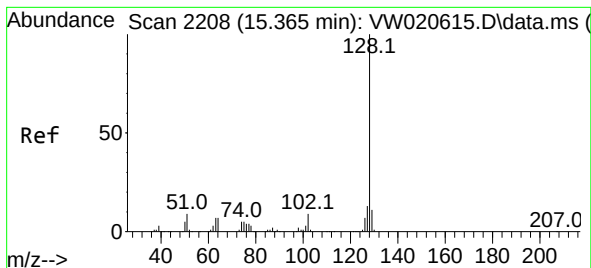


#70
1,2,4-trichlorobenzene
Concen: 14.557 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23



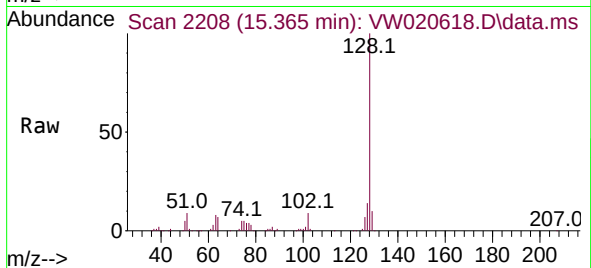
Tgt Ion:180 Resp: 33028
Ion Ratio Lower Upper
180 100
182 95.7 75.8 113.8
145 32.6 24.8 37.2



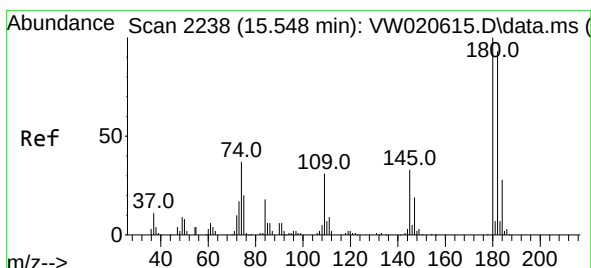
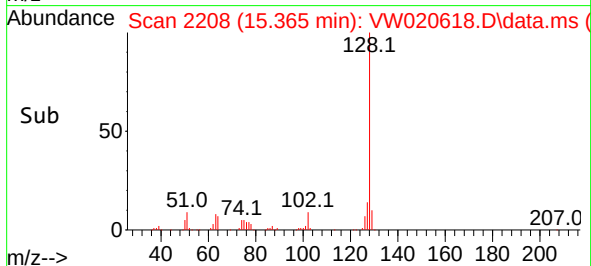
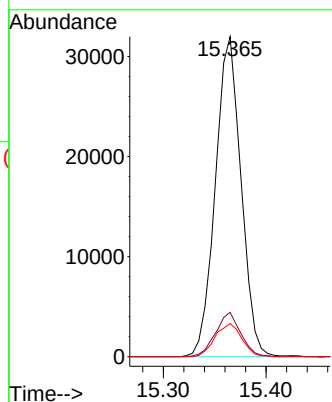


#71
Naphthalene
Concen: 13.571 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 55361
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 14.272 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW020618.D
Acq: 19 Oct 2021 20:23

Tgt Ion:180 Resp: 28442
Ion Ratio Lower Upper
180 100
182 98.6 74.8 112.2
145 34.7 26.2 39.4

