

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100422\
 Data File : VW024715.D
 Acq On : 04 Oct 2022 13:58
 Operator : SY/VA
 Sample : N4973-08MS
 Misc : 6.11g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 05 07:18:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 30 22:12:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	569838	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	512039	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	241365	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	149002	24.992	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.960%
7) Chloroethane-d5	2.891	69	85505	24.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.720%
11) 1,1-Dichloroethene-d2	4.025	63	304605	22.074	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.280%
21) 2-Butanone-d5	7.080	46	132532	61.830	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.660%
24) Chloroform-d	7.653	84	366152	24.035	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.160%
26) 1,2-Dichloroethane-d4	8.305	65	196273	24.836	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.360%
32) Benzene-d6	8.275	84	721925	22.059	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.240%
36) 1,2-Dichloropropane-d6	9.274	67	232688	23.270	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.080%
41) Toluene-d8	10.323	98	632354	21.618	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.480%
43) trans-1,3-Dichloroprop...	10.579	79	91963	20.652	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.600%
47) 2-Hexanone-d5	10.920	63	102308	59.798	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.600%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	202543	28.427	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	200045	23.553	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	67622	19.329	ug/L	90
3) Chloromethane	2.221	50	132018	19.378	ug/L	98
5) Vinyl chloride	2.367	62	190004	27.124	ug/L	99
6) Bromomethane	2.782	94	86073	26.624	ug/L	100
8) Chloroethane	2.928	64	73683	24.950	ug/L	99
9) Trichlorofluoromethane	3.263	101	77153	19.687	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	179565	24.024	ug/L #	79
12) 1,1-Dichloroethene	4.050	96	174720	23.438	ug/L	94
13) Acetone	4.129	43	100563	64.303	ug/L	98
14) Carbon disulfide	4.391	76	558913	23.750	ug/L	99
15) Methyl Acetate	4.678	43	95071	27.454	ug/L	99
16) Methylene chloride	4.922	84	214535	19.170	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	188438	22.498	ug/L	95
18) Methyl tert-butyl Ether	5.434	73	315695	23.772	ug/L	99
19) 1,1-Dichloroethane	6.214	63	356055	22.722	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	202214	22.501	ug/L	95
22) 2-Butanone	7.171	43	142102	56.808	ug/L	99
23) Bromochloromethane	7.519	128	86253	23.614	ug/L	98
25) Chloroform	7.677	83	343189	23.095	ug/L	99

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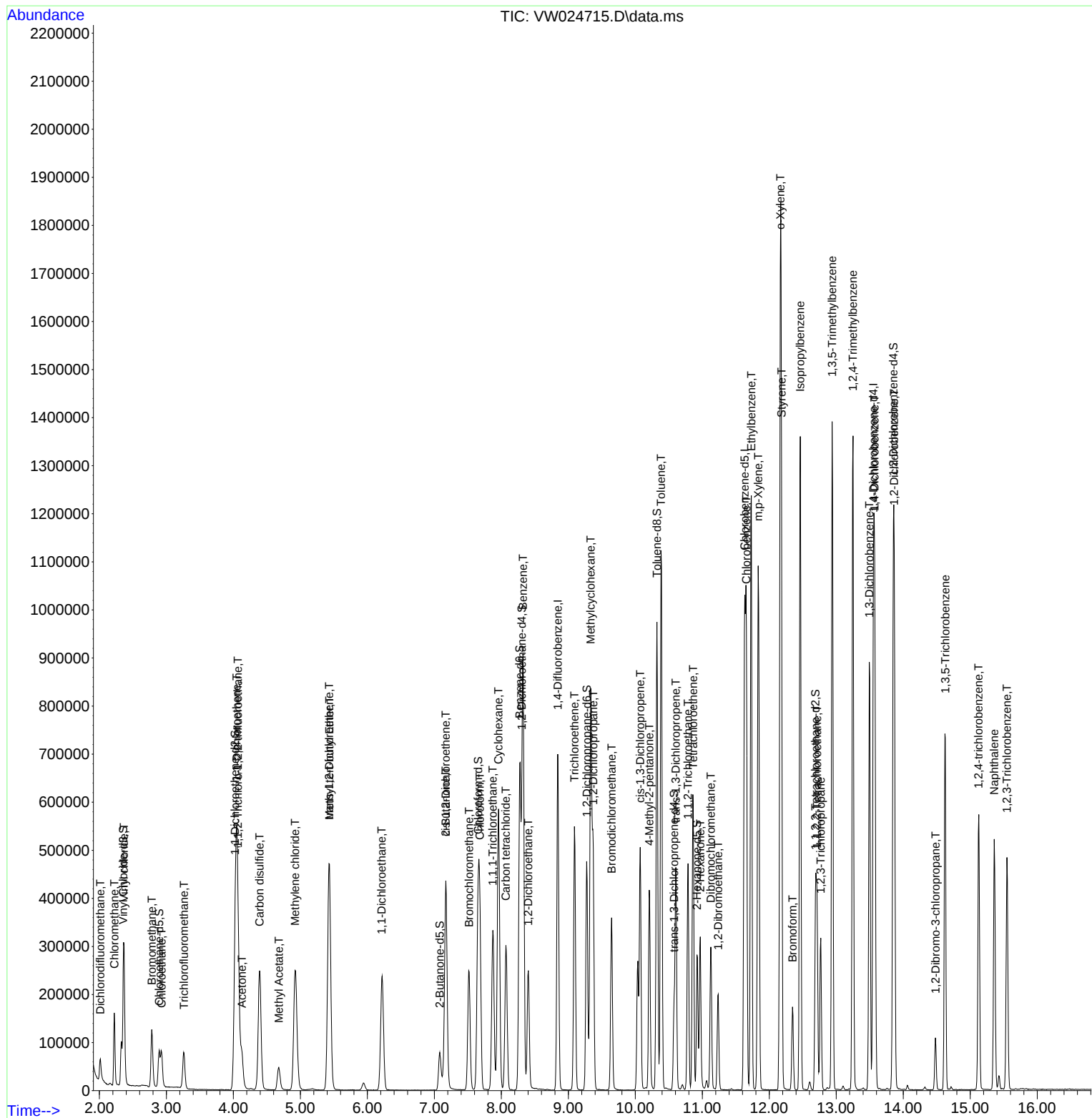
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	225679	24.136	ug/L	99
29) Cyclohexane	7.958	56	343766	21.555	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	269319	21.736	ug/L	99
31) Carbon tetrachloride	8.067	117	227086	21.643	ug/L	99
33) Benzene	8.323	78	793885	22.152	ug/L	100
34) Trichloroethene	9.092	95	199028	21.911	ug/L	97
35) Methylcyclohexane	9.335	83	349442	20.986	ug/L	99
37) 1,2-Dichloropropane	9.372	63	202671	22.907	ug/L	100
38) Bromodichloromethane	9.646	83	242617	22.293	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	304292	21.749	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	277894	53.064	ug/L	99
42) Toluene	10.384	91	816006	22.049	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	256653	21.396	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	146919	24.311	ug/L	99
46) Tetrachloroethene	10.866	164	130523	21.148	ug/L	91
48) 2-Hexanone	10.969	43	201014	56.764	ug/L	99
49) Dibromochloromethane	11.128	129	159737	23.473	ug/L	95
50) 1,2-Dibromoethane	11.238	107	139616	24.408	ug/L	98
51) Chlorobenzene	11.658	112	506070	22.333	ug/L	97
52) Ethylbenzene	11.731	91	904790	22.195	ug/L	100
53) m,p-Xylene	11.835	106	347468	21.828	ug/L	99
54) o-Xylene	12.164	106	336835	22.408	ug/L	98
55) Styrene	12.182	104	570481	22.512	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	183980	26.001	ug/L	100
59) Bromoform	12.347	173	76147	22.319	ug/L	97
60) Isopropylbenzene	12.463	105	895492	22.764	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	134768	25.921	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	752263	22.002	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	748744	22.354	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	351590	21.999	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	349762	22.481	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	322123	23.141	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	28625	23.282	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	210970	19.881	ug/L	97
70) 1,2,4-trichlorobenzene	15.121	180	169122	18.971	ug/L	98
71) Naphthalene	15.359	128	440670	22.703	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	154483	20.361	ug/L	94

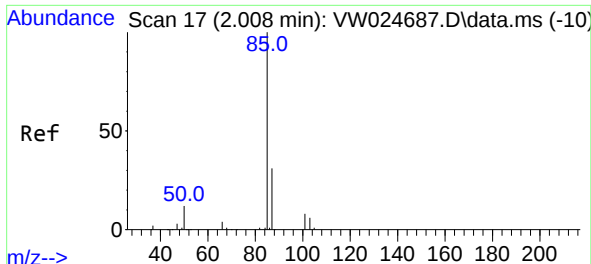
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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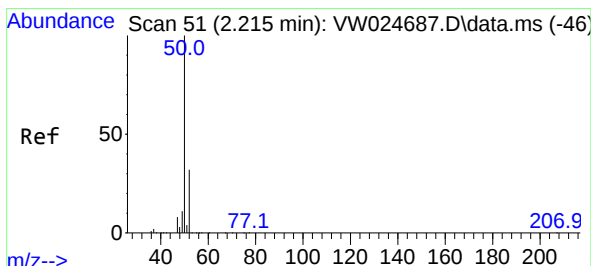
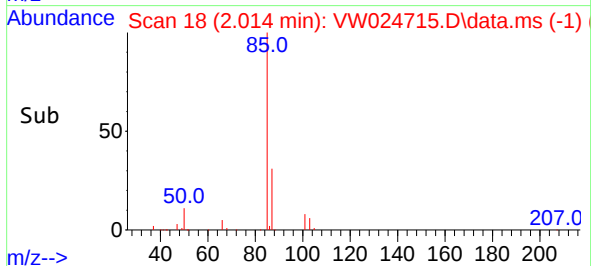
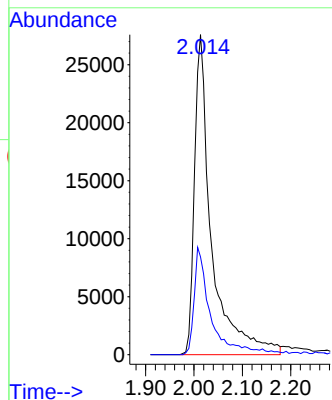
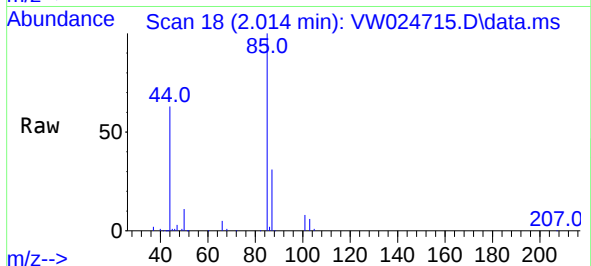




#2
Dichlorodifluoromethane
Concen: 19.329 ug/L
RT: 2.014 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

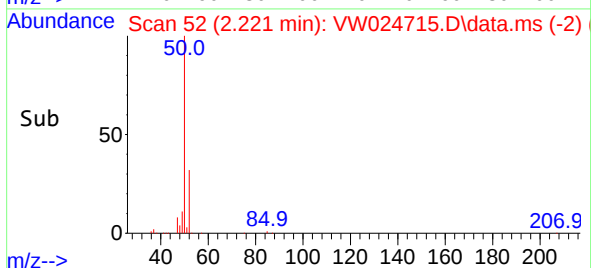
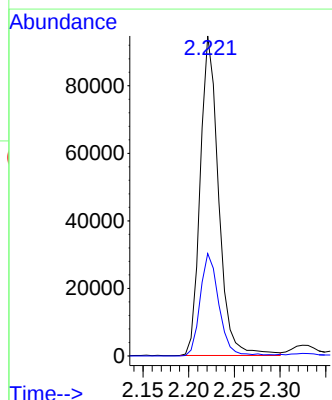
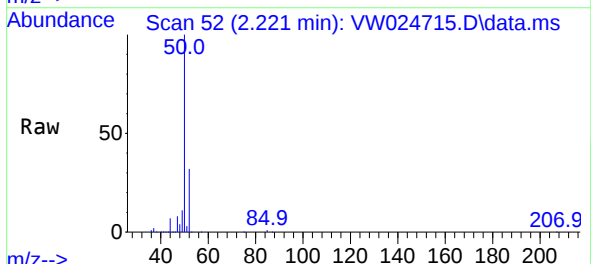
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MSVOA_W
ClientSampleId :

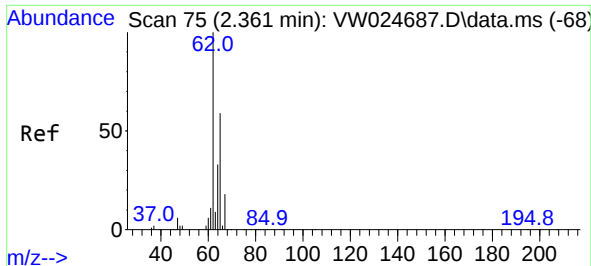
Tgt Ion: 85 Resp: 67622
Ion Ratio Lower Upper
85 100
87 30.1 28.8 43.2



#3
Chloromethane
Concen: 19.378 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

Tgt Ion: 50 Resp: 132018
Ion Ratio Lower Upper
50 100
52 32.0 21.7 40.3

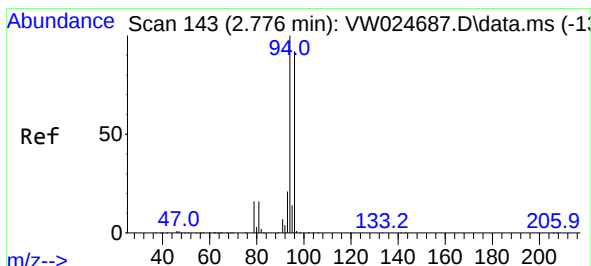
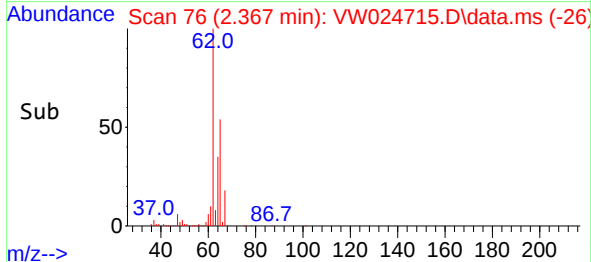
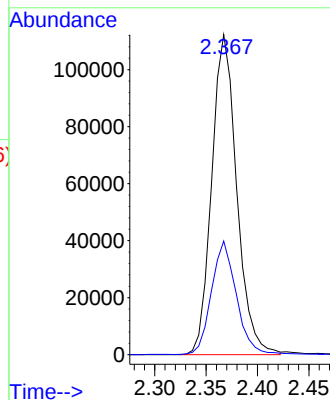
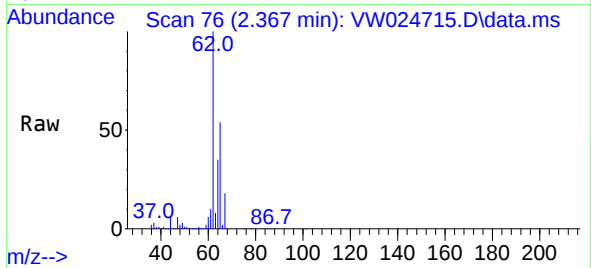




#5
 Vinyl chloride
 Concen: 27.124 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW024715.D
 Acq: 04 Oct 2022 13:58

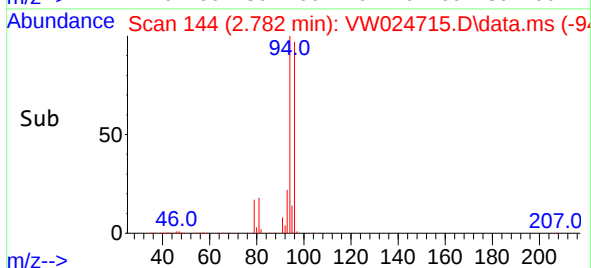
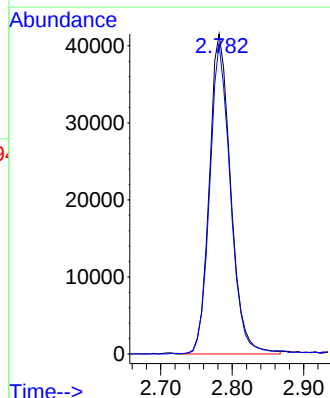
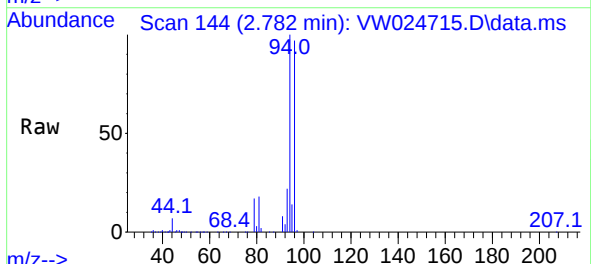
Instrument :
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 ClientSampleId :

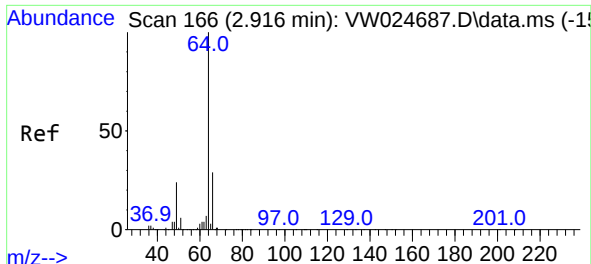
Tgt Ion: 62 Resp: 190004
 Ion Ratio Lower Upper
 62 100
 64 35.5 24.4 45.2



#6
 Bromomethane
 Concen: 26.624 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW024715.D
 Acq: 04 Oct 2022 13:58

Tgt Ion: 94 Resp: 86073
 Ion Ratio Lower Upper
 94 100
 96 96.9 68.0 126.2





#8

Chloroethane

Concen: 24.950 ug/L

RT: 2.928 min Scan# 1

Delta R.T. 0.012 min

Lab File: VW024715.D

Acq: 04 Oct 2022 13:58

Instrument :

MSVOA_W

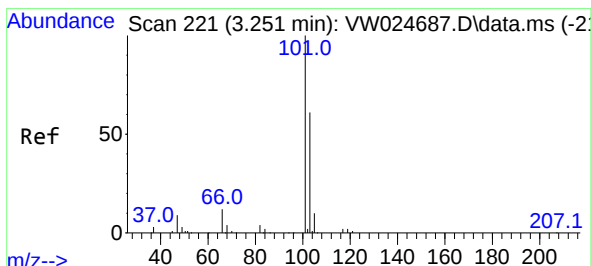
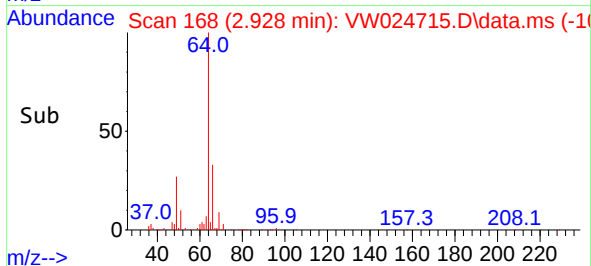
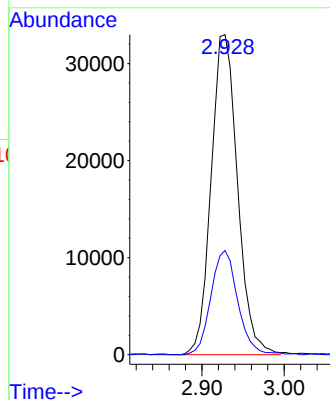
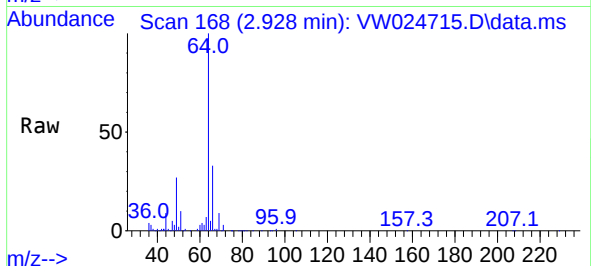
ClientSampleId :

Tgt Ion: 64 Resp: 73683

Ion Ratio Lower Upper

64 100

66 32.5 22.5 41.9



#9

Trichlorofluoromethane

Concen: 19.687 ug/L

RT: 3.263 min Scan# 223

Delta R.T. 0.012 min

Lab File: VW024715.D

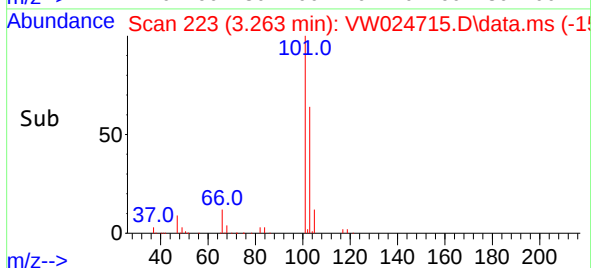
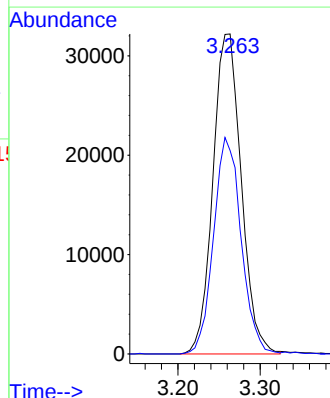
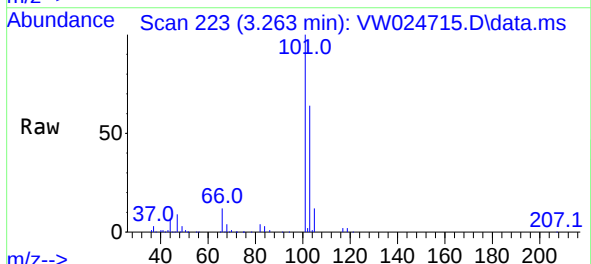
Acq: 04 Oct 2022 13:58

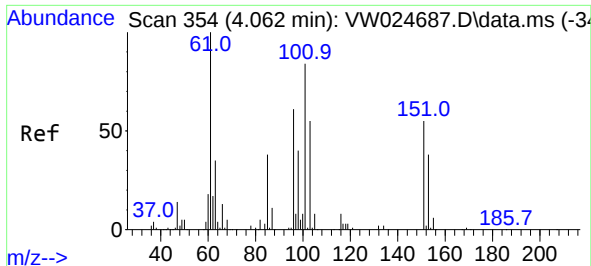
Tgt Ion: 101 Resp: 77153

Ion Ratio Lower Upper

101 100

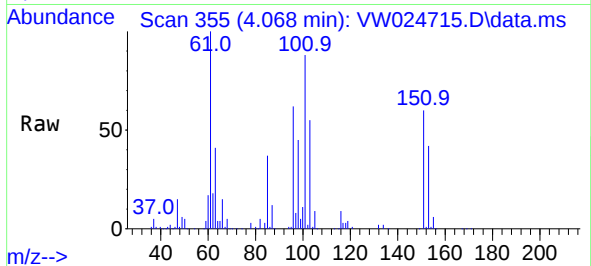
103 65.7 53.4 80.2



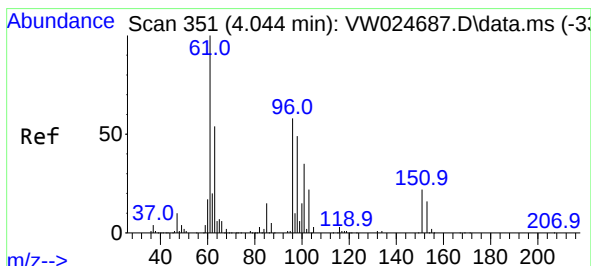
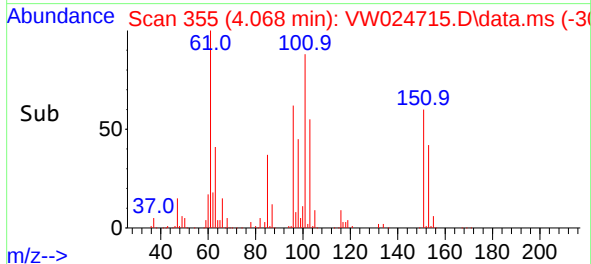
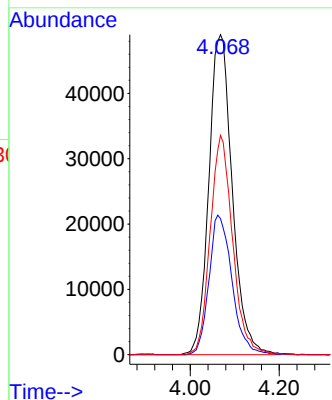


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.024 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW024715.D
 Acq: 04 Oct 2022 13:58

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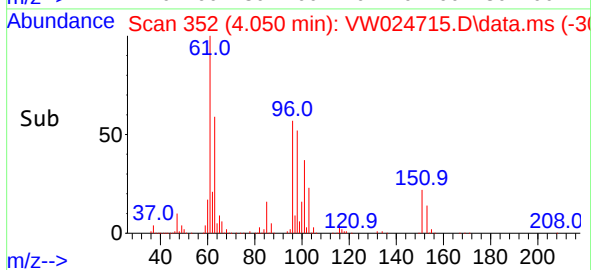
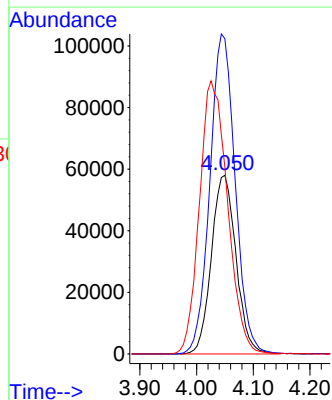
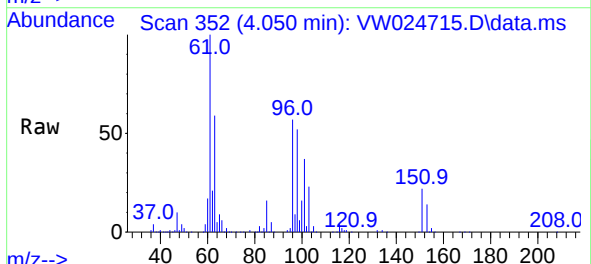


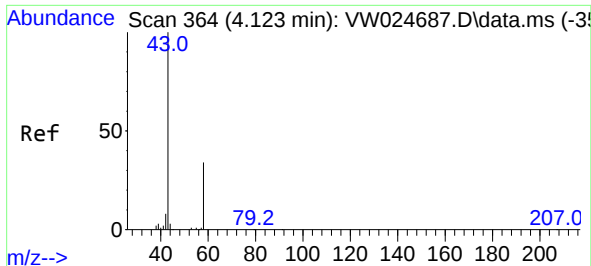
Tgt Ion:101 Resp: 179565
 Ion Ratio Lower Upper
 101 100
 85 42.8 34.9 52.3
 151 65.5 30.9 46.3#



#12
 1,1-Dichloroethene
 Concen: 23.438 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.006 min
 Lab File: VW024715.D
 Acq: 04 Oct 2022 13:58

Tgt Ion: 96 Resp: 174720
 Ion Ratio Lower Upper
 96 100
 61 176.5 124.5 231.1
 63 104.9 84.1 156.1

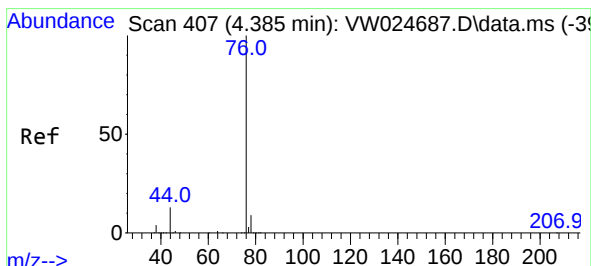
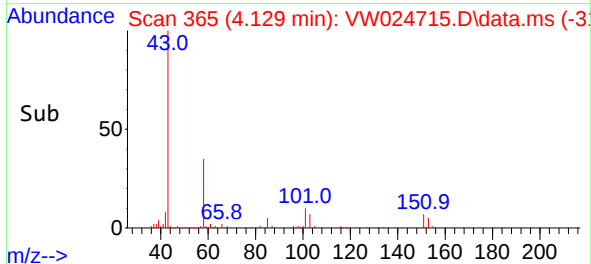
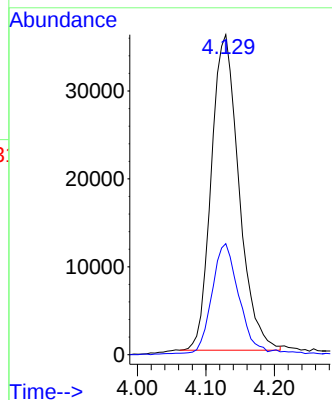
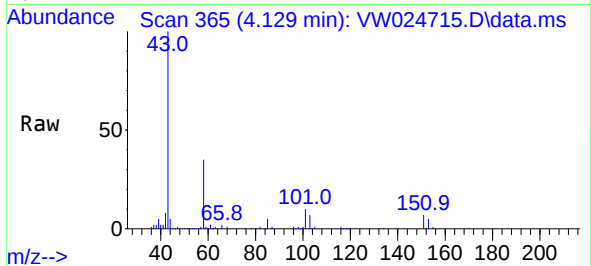




#13
Acetone
Concen: 64.303 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

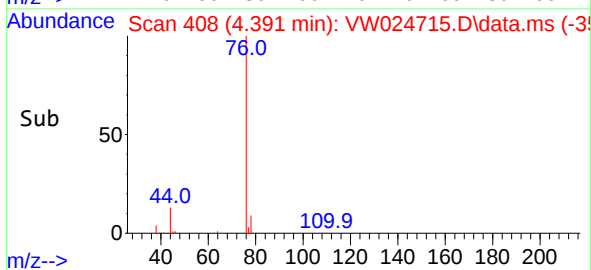
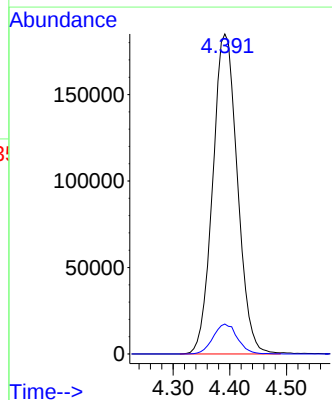
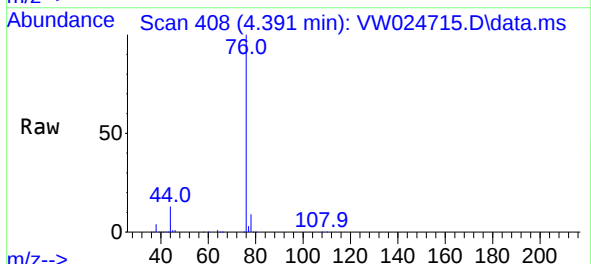
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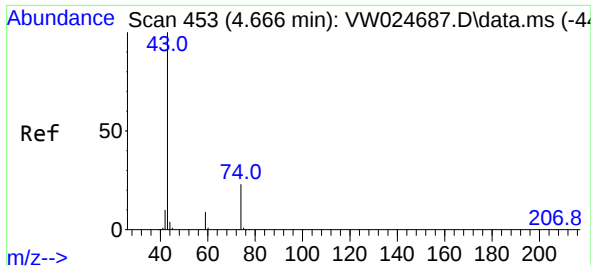
Tgt Ion: 43 Resp: 100563
Ion Ratio Lower Upper
43 100
58 34.8 0.0 67.6



#14
Carbon disulfide
Concen: 23.750 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 558913
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

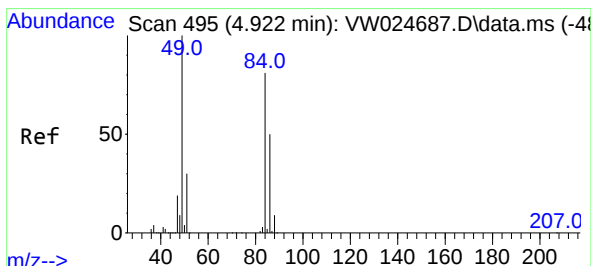
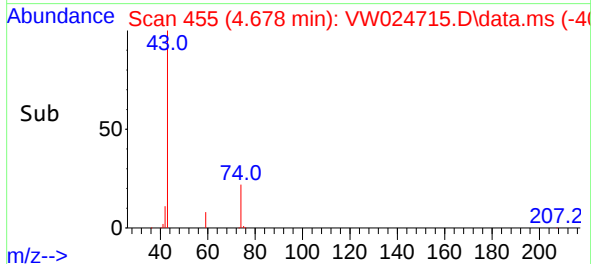
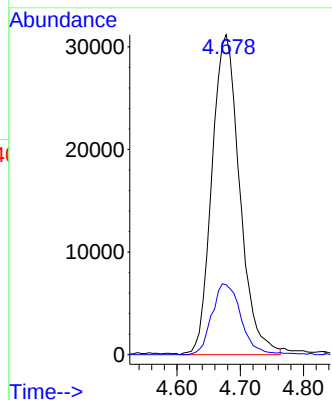
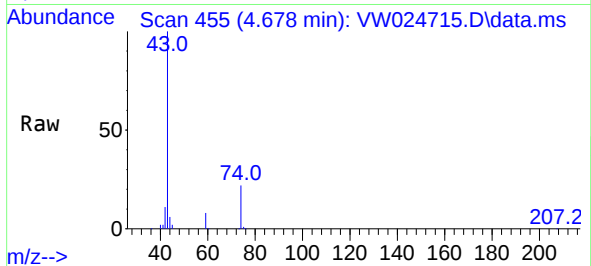




#15
Methyl Acetate
Concen: 27.454 ug/L
RT: 4.678 min Scan# 415
Delta R.T. 0.012 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

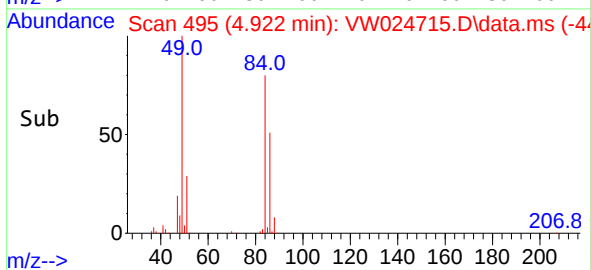
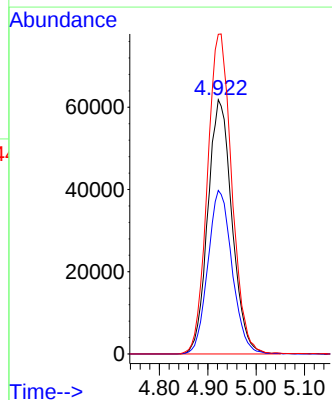
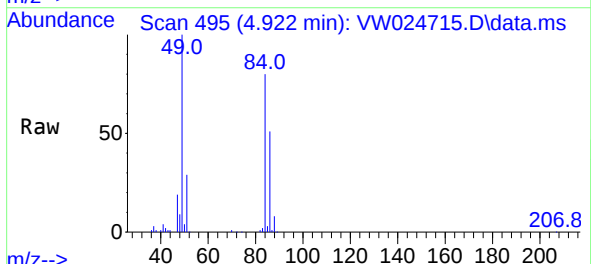
Instrument :
MSVOA_W
ClientSampleId :

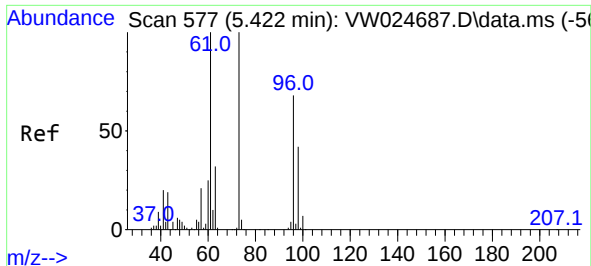
Tgt Ion: 43 Resp: 95071
Ion Ratio Lower Upper
43 100
74 23.0 18.1 27.1



#16
Methylene chloride
Concen: 19.170 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

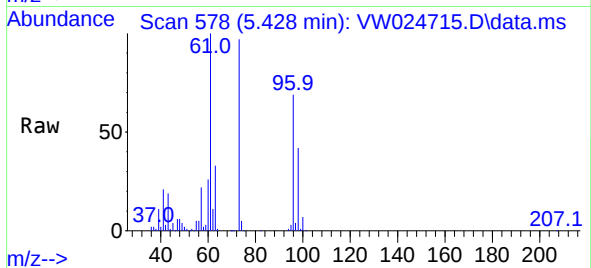
Tgt Ion: 84 Resp: 214535
Ion Ratio Lower Upper
84 100
86 64.3 44.0 81.8
49 125.7 87.4 162.2





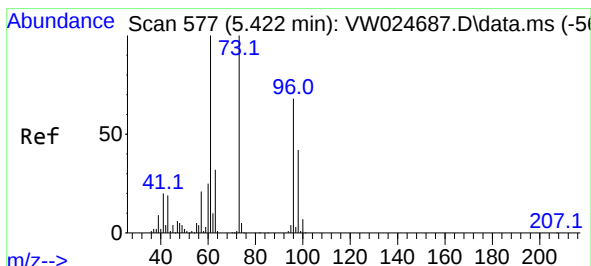
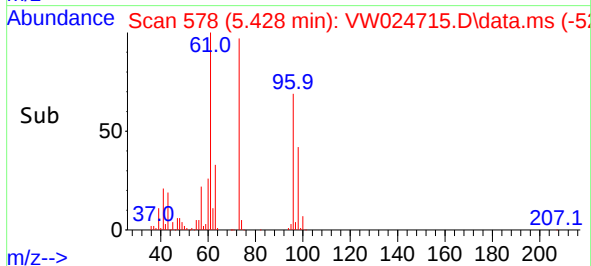
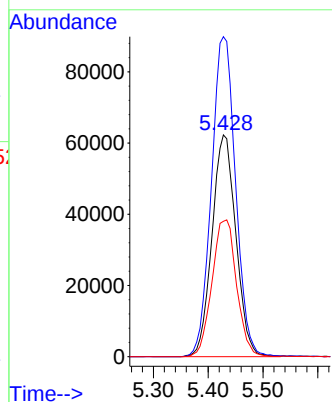
#17
trans-1,2-Dichloroethene
Concen: 22.498 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 188438

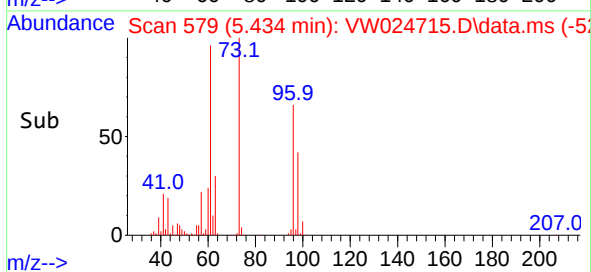
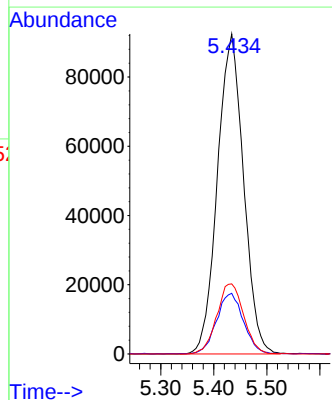
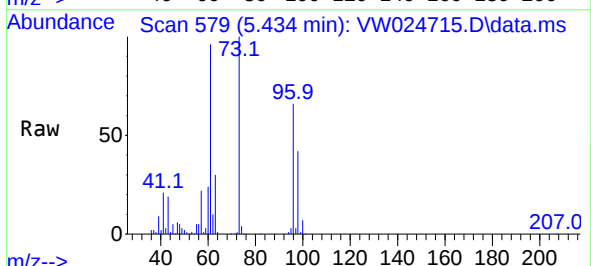
Ion	Ratio	Lower	Upper
96	100		
61	144.3	106.3	197.5
98	61.0	45.1	83.9

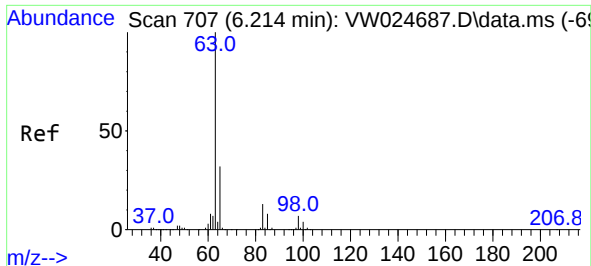


#18
Methyl tert-butyl Ether
Concen: 23.772 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

Tgt Ion: 73 Resp: 315695

Ion	Ratio	Lower	Upper
73	100		
43	19.3	15.6	23.4
57	22.6	18.3	27.5





#19

1,1-Dichloroethane

Concen: 22.722 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

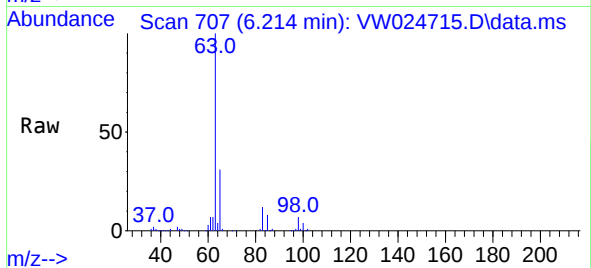
Lab File: VW024715.D

Acq: 04 Oct 2022 13:58

Instrument :

MSVOA_W

ClientSampleId :



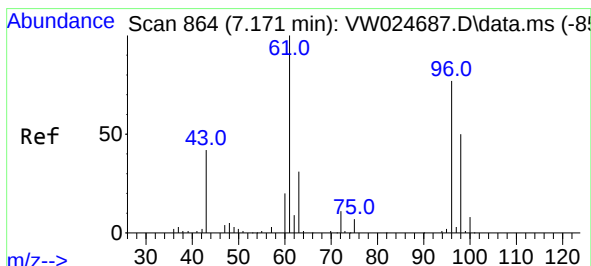
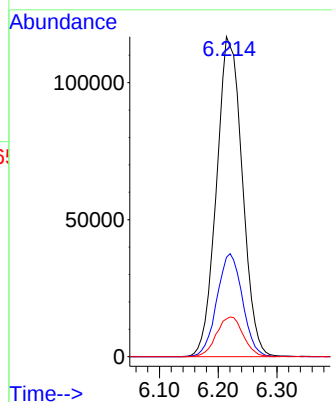
Tgt Ion: 63 Resp: 356055

Ion Ratio Lower Upper

63 100

65 31.0 23.7 43.9

83 11.8 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 22.501 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW024715.D

Acq: 04 Oct 2022 13:58

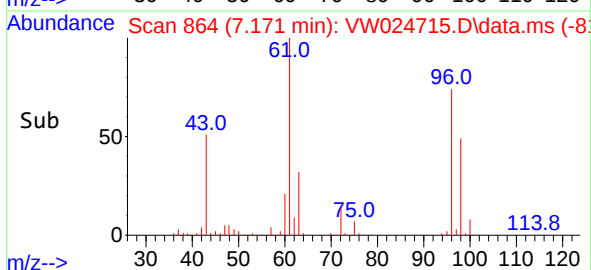
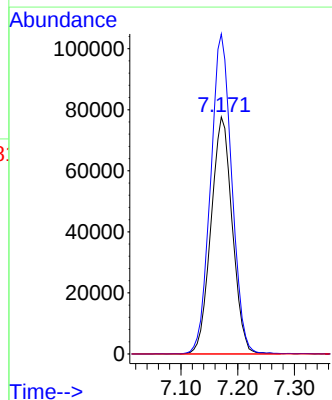
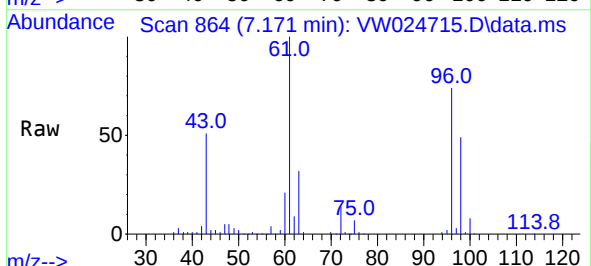
Tgt Ion: 96 Resp: 202214

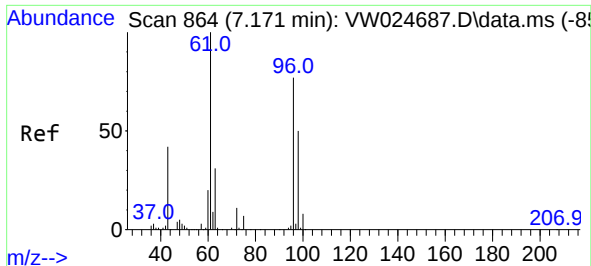
Ion Ratio Lower Upper

96 100

61 135.1 90.2 167.4

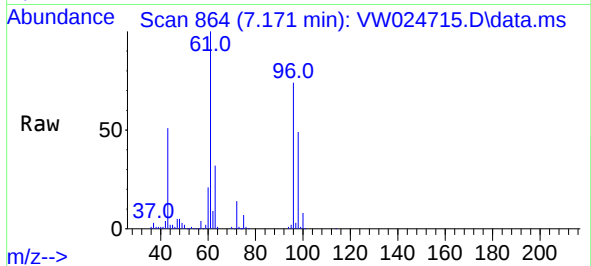
68 0.0 0.0 0.0



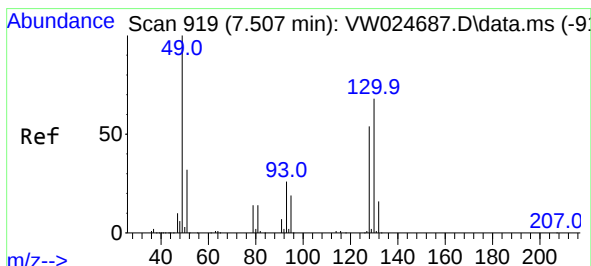
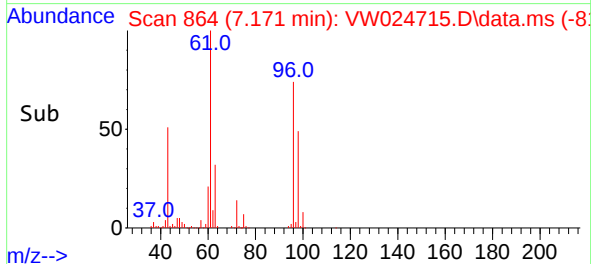
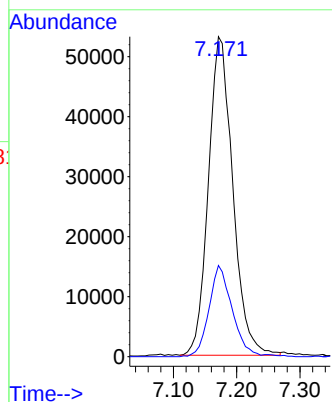


#22
2-Butanone
Concen: 56.808 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

Instrument :
MSVOA_W
ClientSampleId :

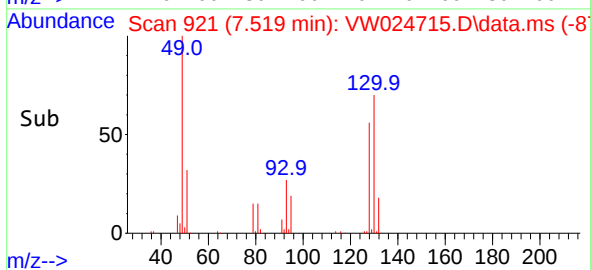
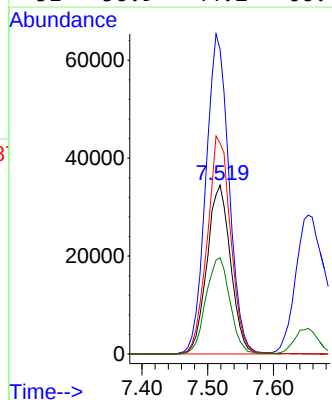
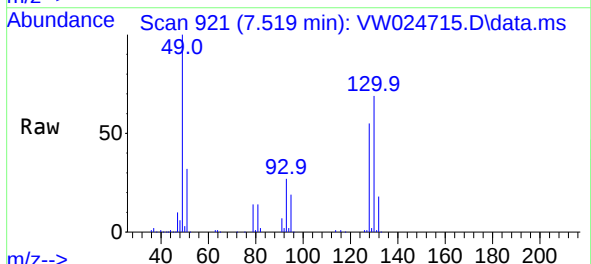


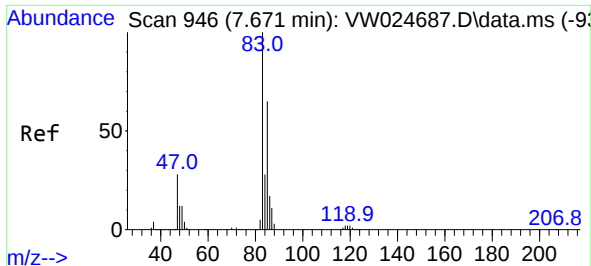
Tgt Ion: 43 Resp: 142102
Ion Ratio Lower Upper
43 100
72 27.0 13.8 41.3



#23
Bromochloromethane
Concen: 23.614 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.012 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

Tgt Ion:128 Resp: 86253
Ion Ratio Lower Upper
128 100
49 180.6 127.3 236.3
130 124.9 90.2 167.4
51 56.9 44.2 66.4

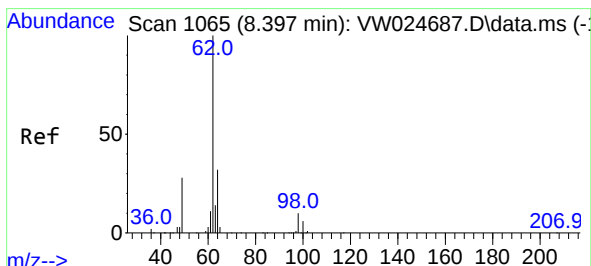
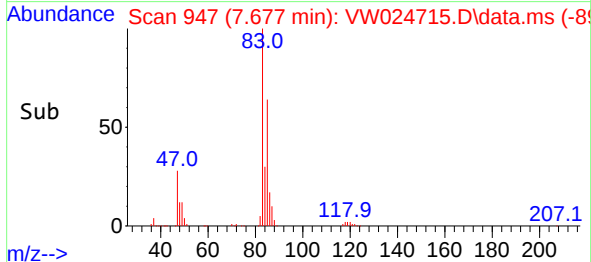
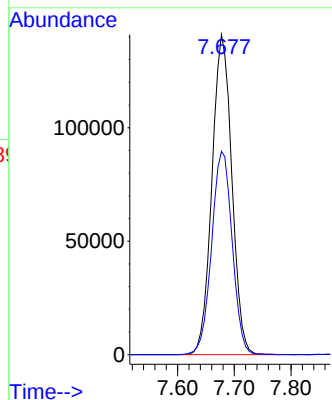
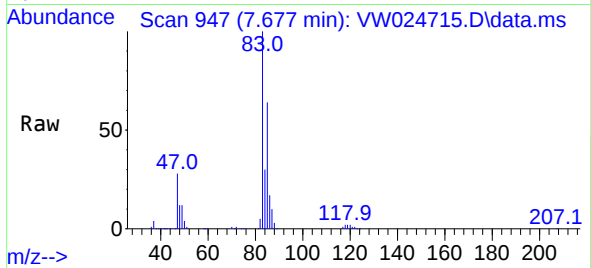




#25
Chloroform
Concen: 23.095 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

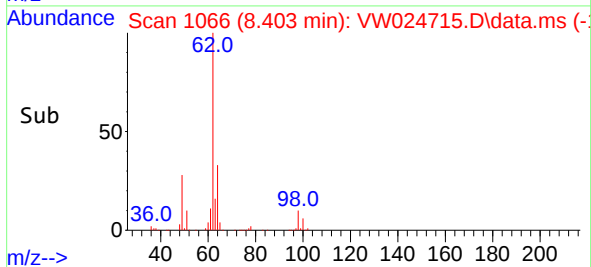
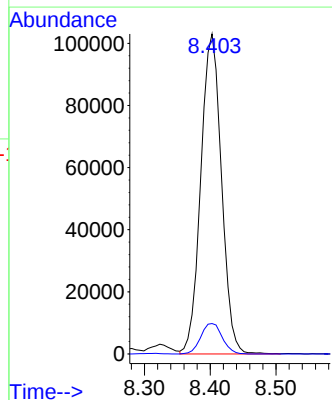
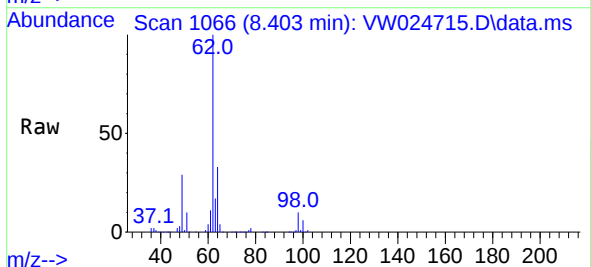
Instrument :
MSVOA_W
ClientSampleId :

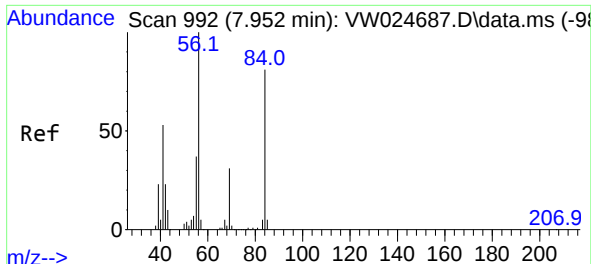
Tgt Ion: 83 Resp: 343189
Ion Ratio Lower Upper
83 100
85 63.5 44.0 81.8



#27
1,2-Dichloroethane
Concen: 24.136 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

Tgt Ion: 62 Resp: 225679
Ion Ratio Lower Upper
62 100
98 9.5 7.8 11.8





#29

Cyclohexane

Concen: 21.555 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

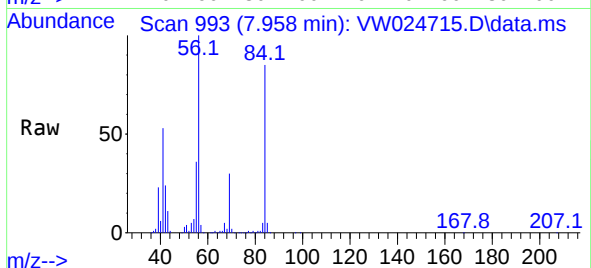
Lab File: VW024715.D

Acq: 04 Oct 2022 13:58

Instrument :

MSVOA_W

ClientSampleId :



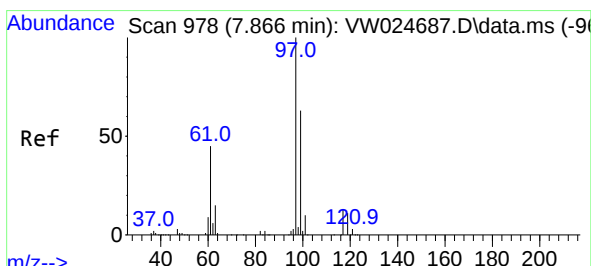
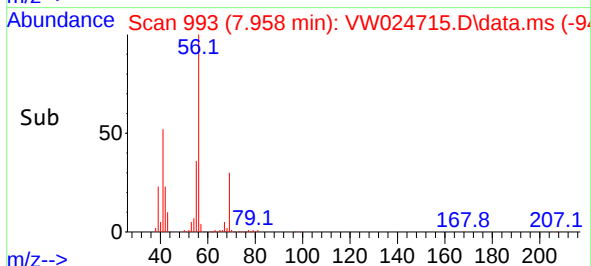
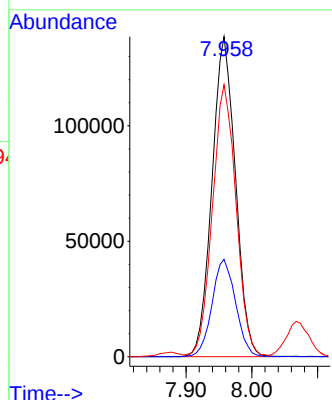
Tgt Ion: 56 Resp: 343766

Ion Ratio Lower Upper

56 100

69 30.5 25.0 37.4

84 85.8 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 21.736 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW024715.D

Acq: 04 Oct 2022 13:58

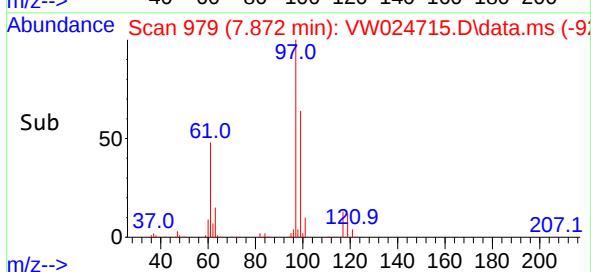
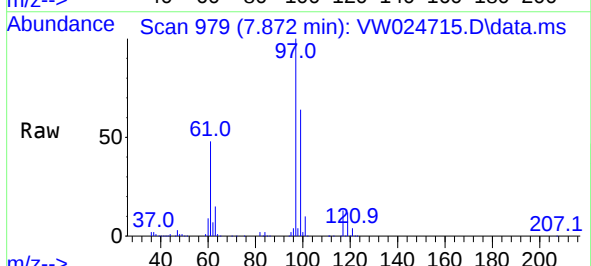
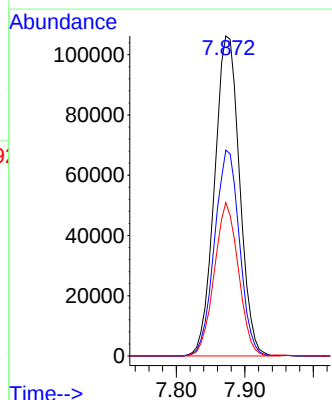
Tgt Ion: 97 Resp: 269319

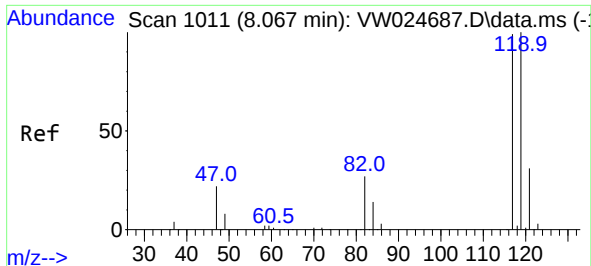
Ion Ratio Lower Upper

97 100

99 64.1 51.1 76.7

61 46.2 35.8 53.6

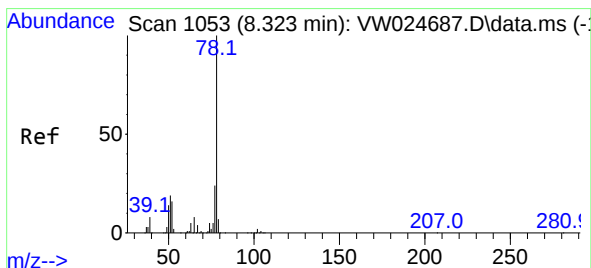
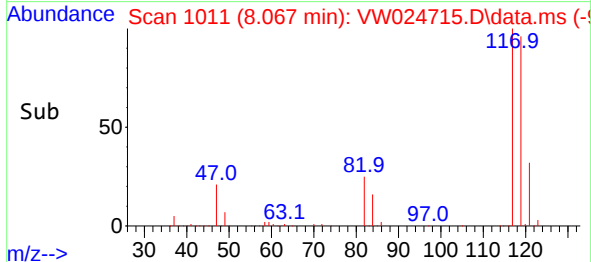
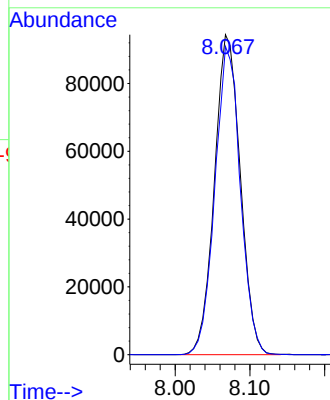
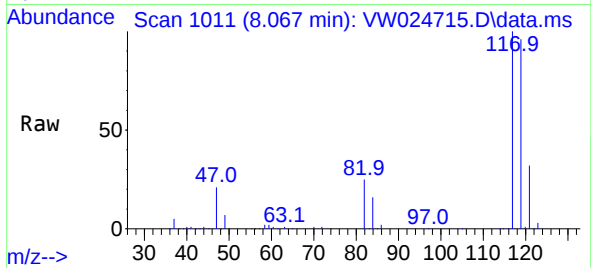




#31
Carbon tetrachloride
Concen: 21.643 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

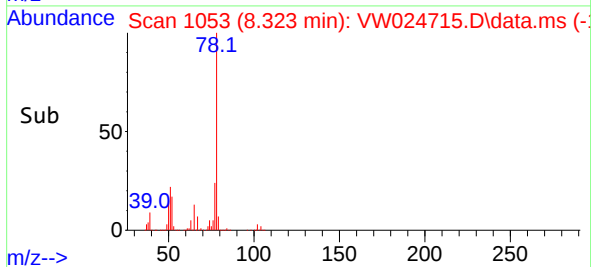
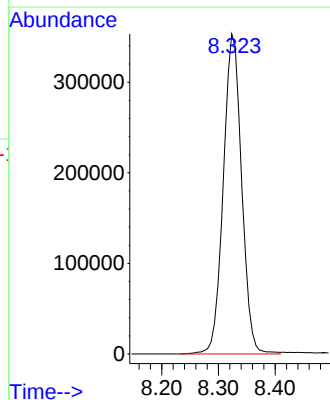
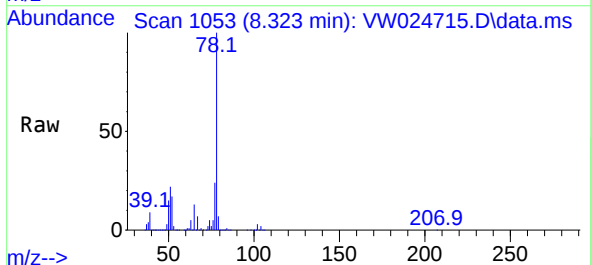
Instrument :
MSVOA_W
ClientSampleId :

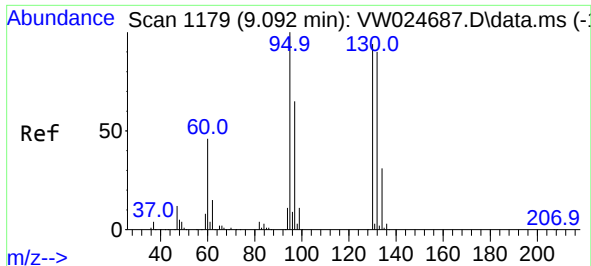
Tgt Ion:117 Resp: 227086
Ion Ratio Lower Upper
117 100
119 94.7 76.2 114.2



#33
Benzene
Concen: 22.152 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

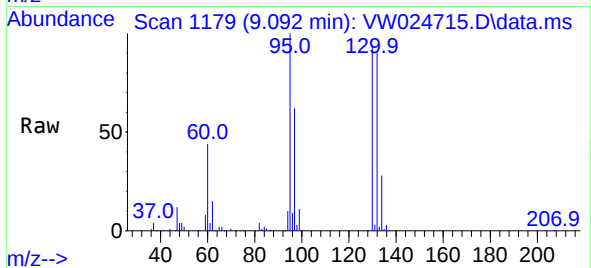
Tgt Ion: 78 Resp: 793885





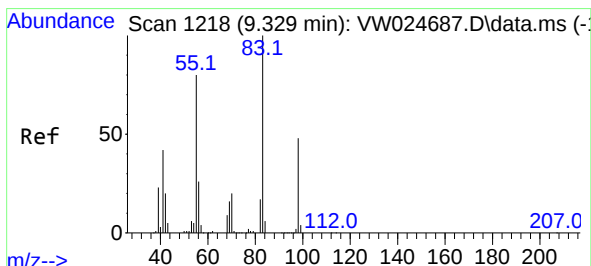
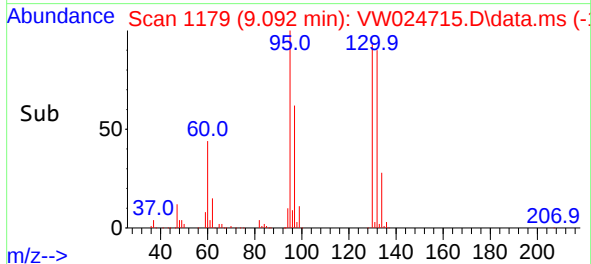
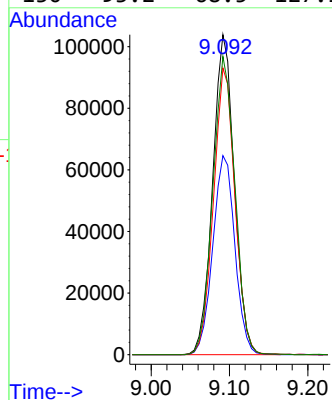
#34
Trichloroethene
Concen: 21.911 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 199028

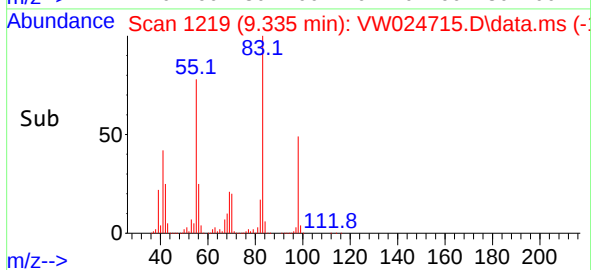
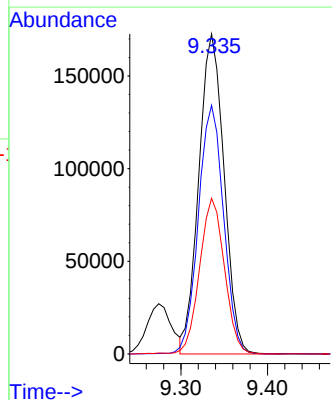
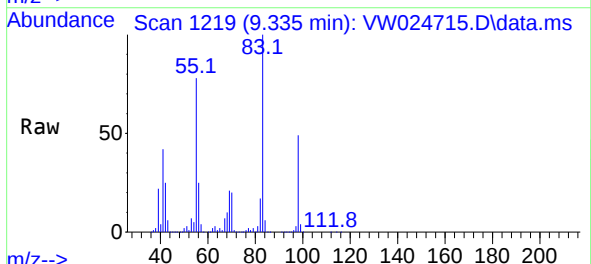
Ion	Ratio	Lower	Upper
95	100		
97	62.2	43.5	80.9
132	89.6	61.2	113.8
130	93.2	68.5	127.1

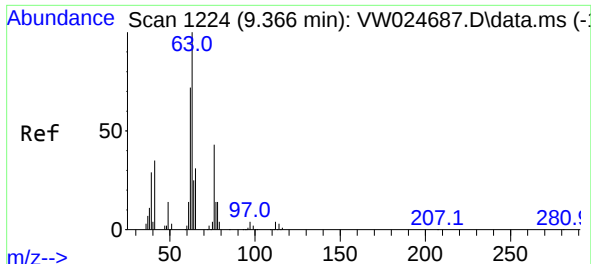


#35
Methylcyclohexane
Concen: 20.986 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

Tgt Ion: 83 Resp: 349442

Ion	Ratio	Lower	Upper
83	100		
55	77.8	63.1	94.7
98	47.9	38.3	57.5





#37

1,2-Dichloropropane

Concen: 22.907 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW024715.D

Acq: 04 Oct 2022 13:58

Instrument :

MSVOA_W

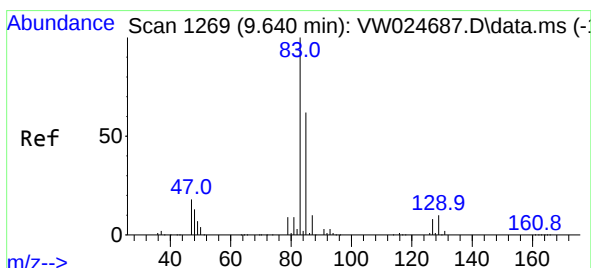
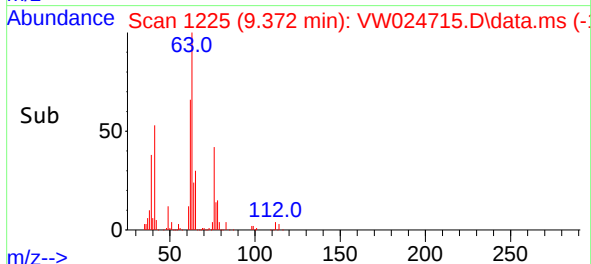
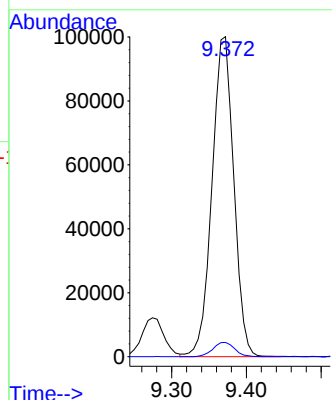
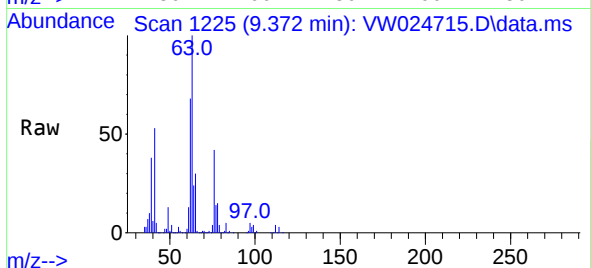
ClientSampleId :

Tgt Ion: 63 Resp: 202671

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 22.293 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024715.D

Acq: 04 Oct 2022 13:58

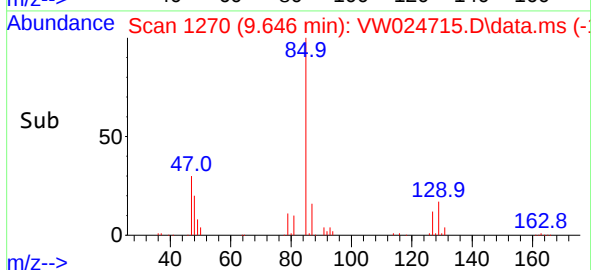
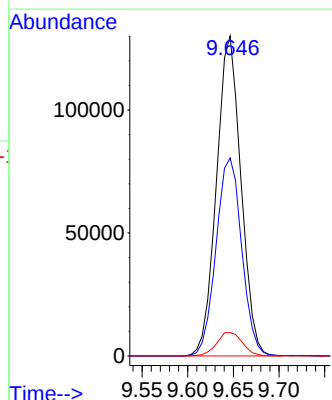
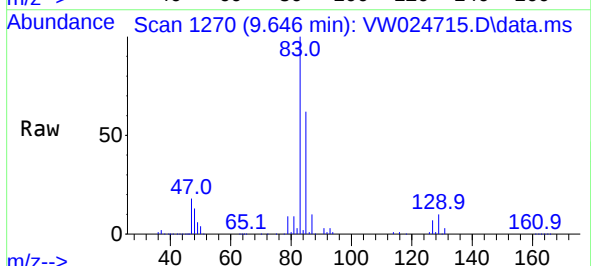
Tgt Ion: 83 Resp: 242617

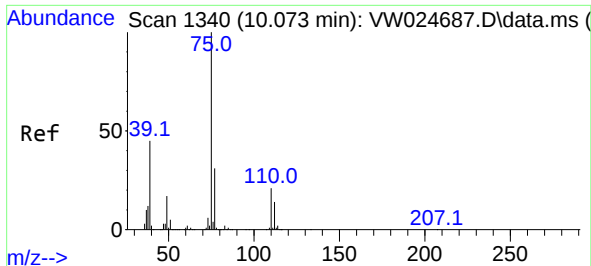
Ion Ratio Lower Upper

83 100

85 61.9 45.6 84.8

127 7.3 6.4 9.6

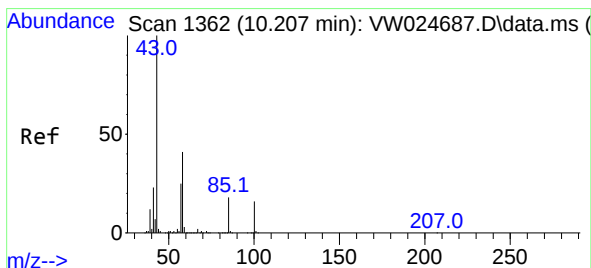
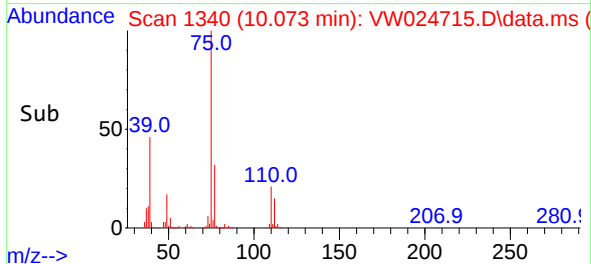
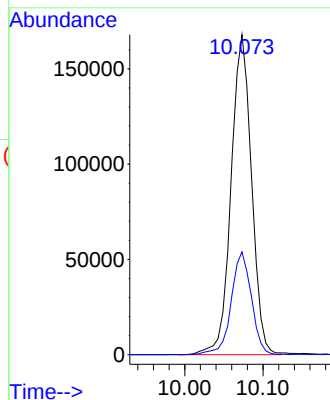
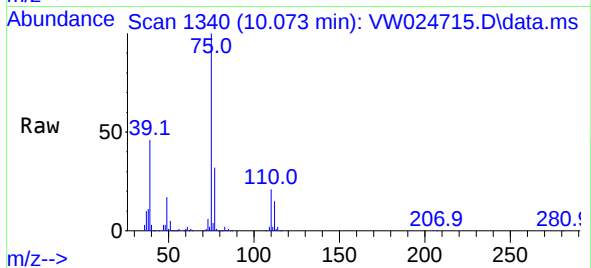




#39
 cis-1,3-Dichloropropene
 Concen: 21.749 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW024715.D
 Acq: 04 Oct 2022 13:58

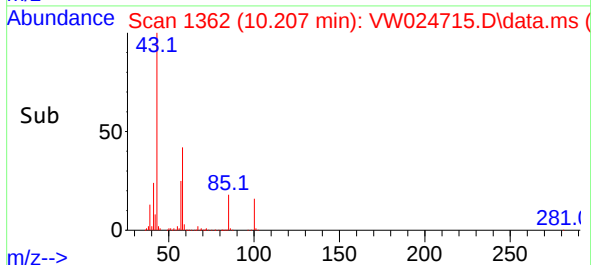
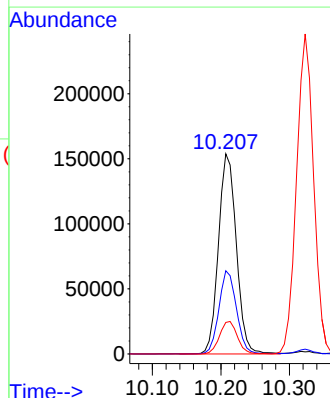
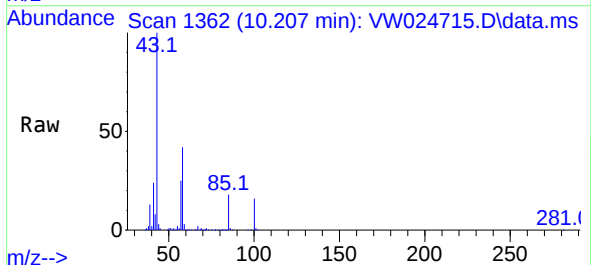
Instrument :
 MSVOA_W
 ClientSampleId :

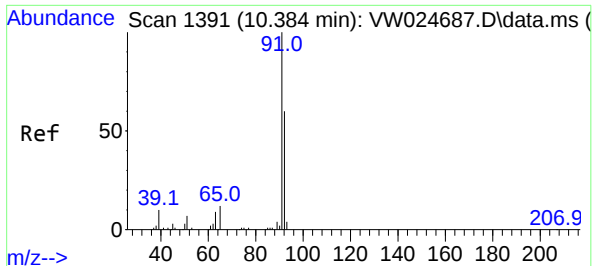
Tgt Ion: 75 Resp: 304292
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 53.064 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW024715.D
 Acq: 04 Oct 2022 13:58

Tgt Ion: 43 Resp: 277894
 Ion Ratio Lower Upper
 43 100
 58 40.7 32.9 49.3
 100 16.2 12.6 19.0

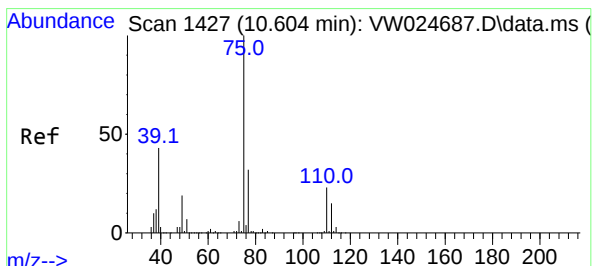
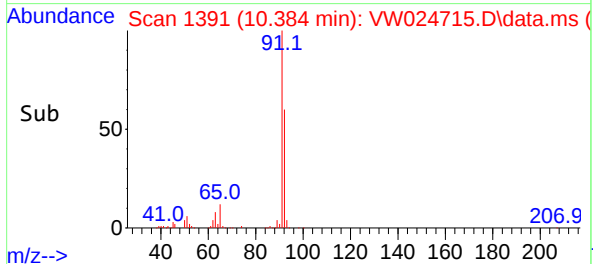
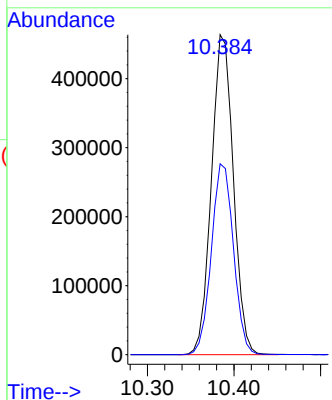
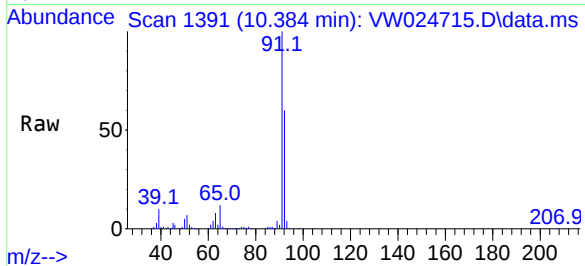




#42
Toluene
Concen: 22.049 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

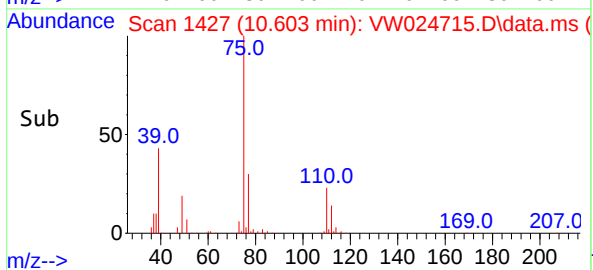
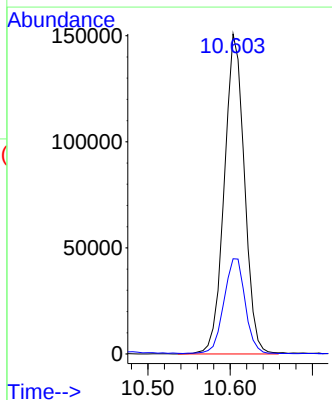
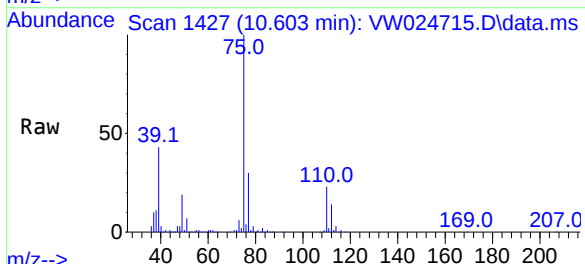
Instrument :
MSVOA_W
ClientSampleId :

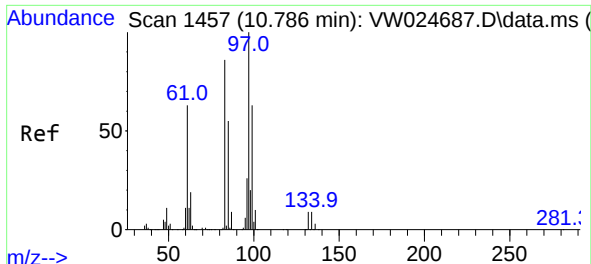
Tgt Ion: 91 Resp: 816006
Ion Ratio Lower Upper
91 100
92 59.7 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 21.396 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

Tgt Ion: 75 Resp: 256653
Ion Ratio Lower Upper
75 100
77 29.8 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 24.311 ug/L

RT: 10.786 min Scan# 14

Delta R.T. -0.000 min

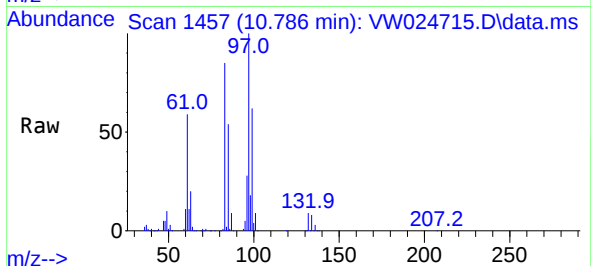
Lab File: VW024715.D

Acq: 04 Oct 2022 13:58

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 146919

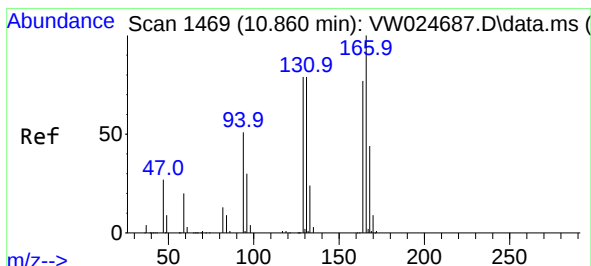
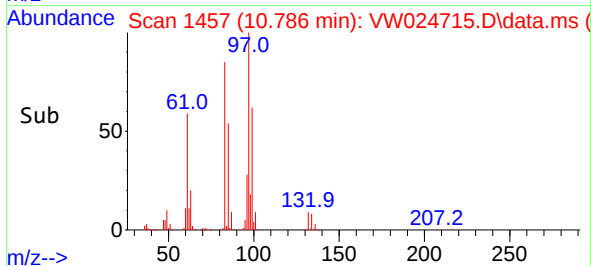
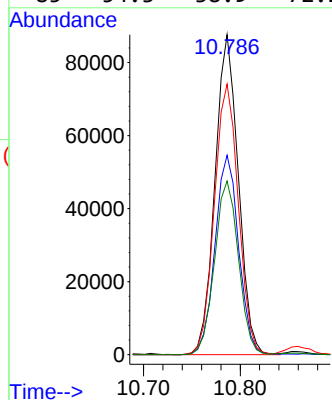
Ion Ratio Lower Upper

97 100

99 62.3 43.8 81.4

83 84.5 60.1 111.5

85 54.3 38.9 72.2



#46

Tetrachloroethene

Concen: 21.148 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW024715.D

Acq: 04 Oct 2022 13:58

Tgt Ion:164 Resp: 130523

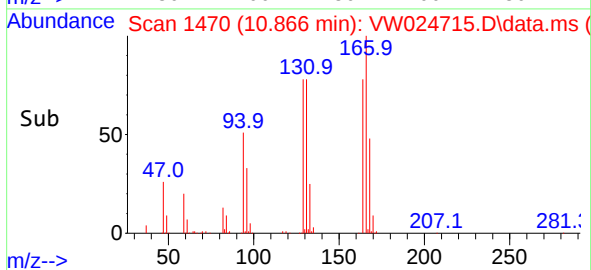
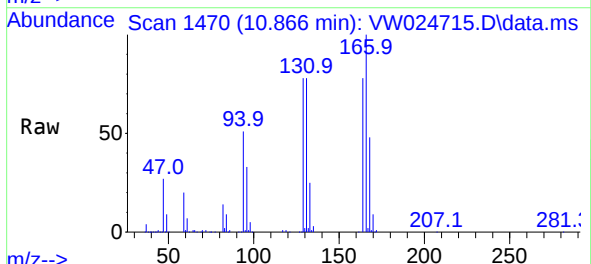
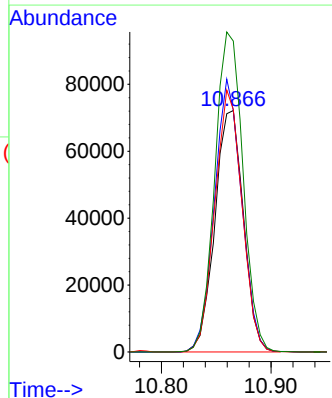
Ion Ratio Lower Upper

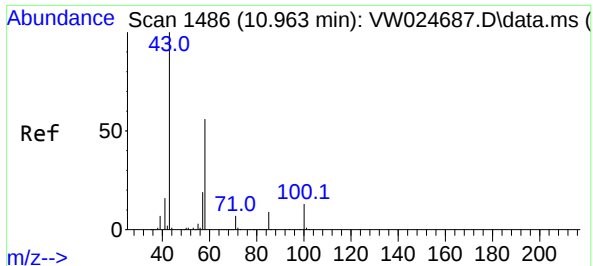
164 100

129 100.0 74.1 137.5

131 100.4 71.5 132.7

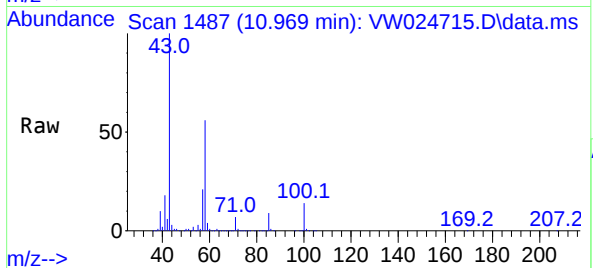
166 128.7 76.3 141.7



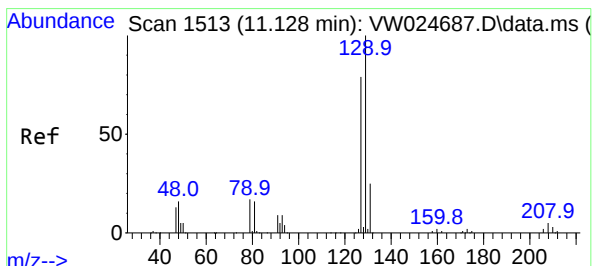
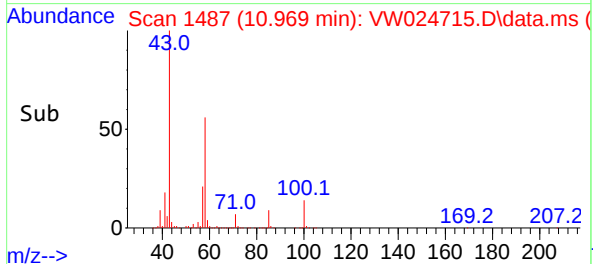
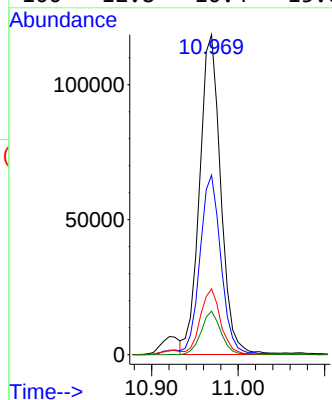


#48
2-Hexanone
Concen: 56.764 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

Instrument :
MSVOA_W
ClientSampleId :

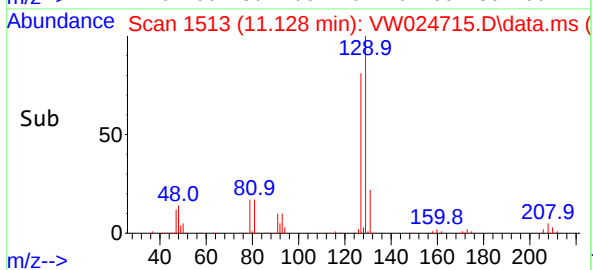
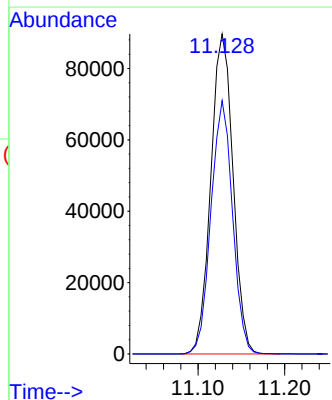
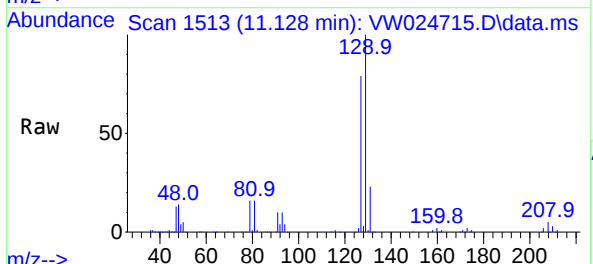


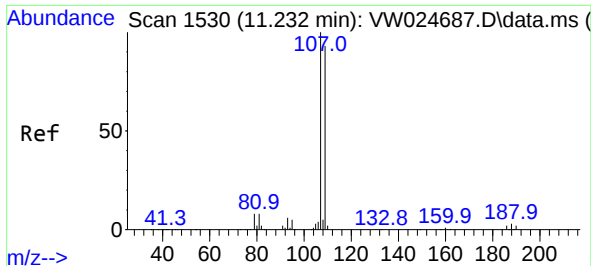
Tgt Ion: 43 Resp: 201014
Ion Ratio Lower Upper
43 100
58 55.8 45.3 67.9
57 19.8 16.3 24.5
100 12.8 10.4 15.6



#49
Dibromochloromethane
Concen: 23.473 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

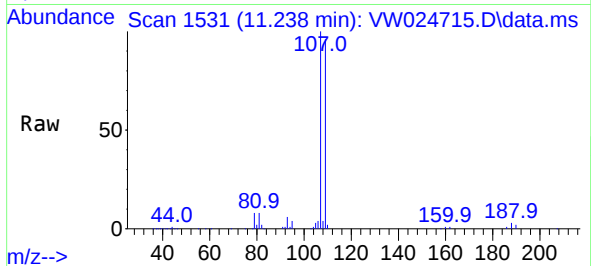
Tgt Ion: 129 Resp: 159737
Ion Ratio Lower Upper
129 100
127 79.1 52.4 97.4



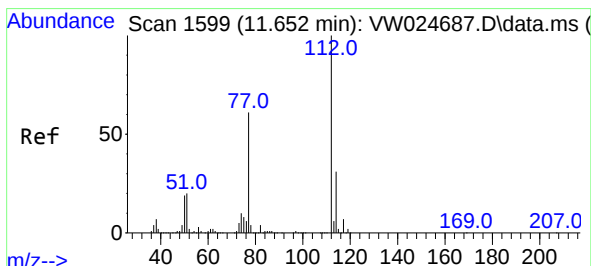
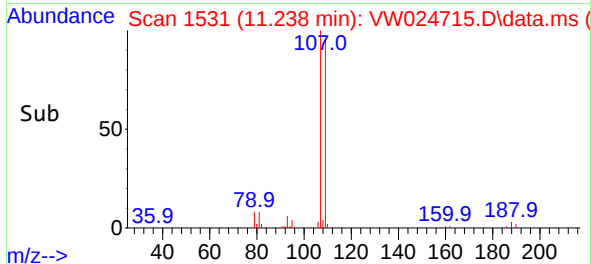
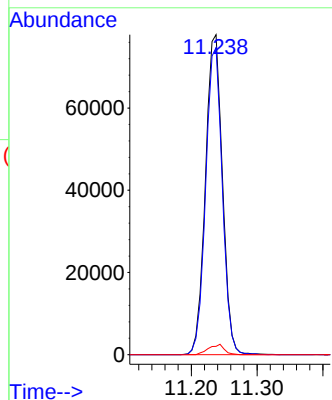


#50
1,2-Dibromoethane
Concen: 24.408 ug/L
RT: 11.238 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

Instrument :
MSVOA_W
ClientSampleId :

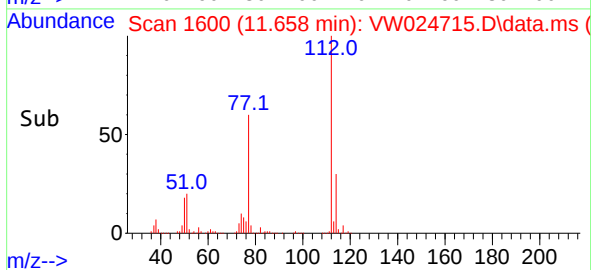
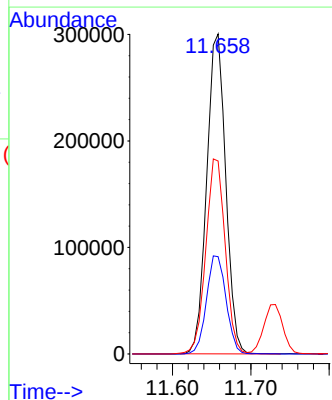
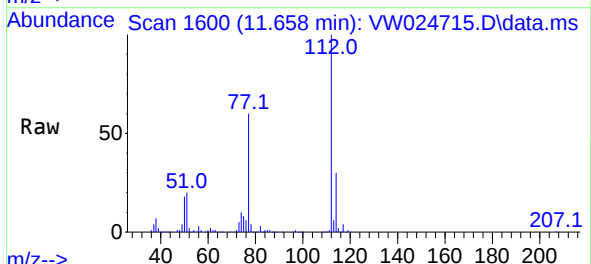


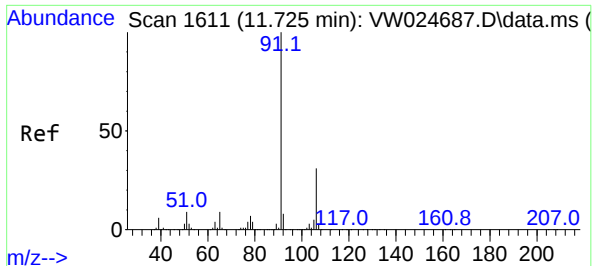
Tgt Ion:107 Resp: 139616
Ion Ratio Lower Upper
107 100
109 95.9 65.5 121.7
188 2.6 2.4 3.6



#51
Chlorobenzene
Concen: 22.333 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

Tgt Ion:112 Resp: 506070
Ion Ratio Lower Upper
112 100
114 30.4 23.3 43.3
77 60.3 49.1 73.7





#52

Ethylbenzene

Concen: 22.195 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024715.D

Acq: 04 Oct 2022 13:58

Instrument :

MSVOA_W

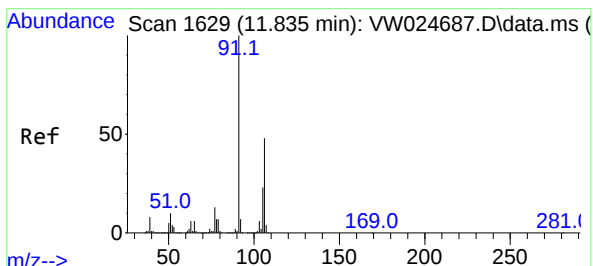
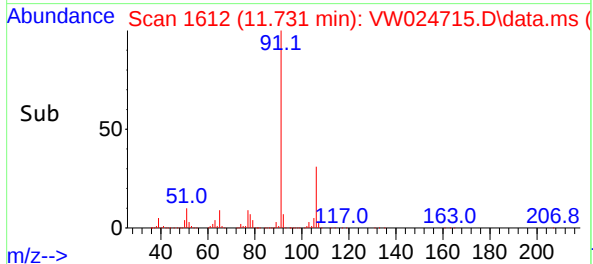
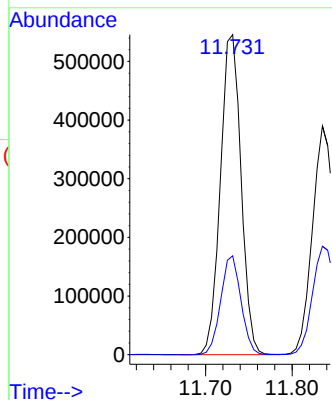
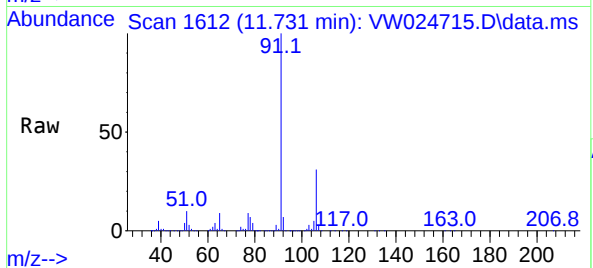
ClientSampleId :

Tgt Ion: 91 Resp: 904790

Ion Ratio Lower Upper

91 100

106 30.9 21.5 39.9



#53

m,p-Xylene

Concen: 21.828 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW024715.D

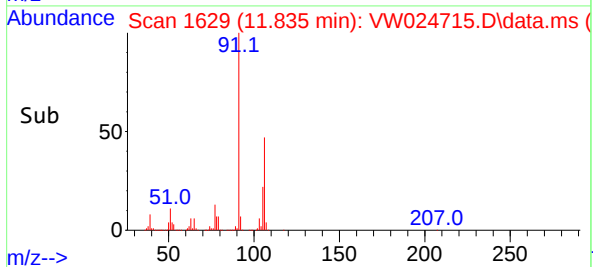
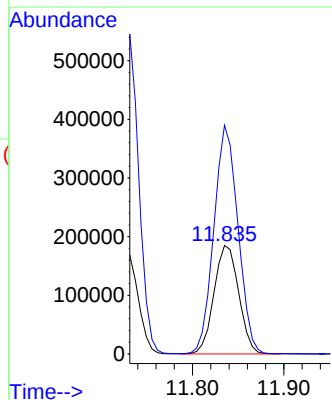
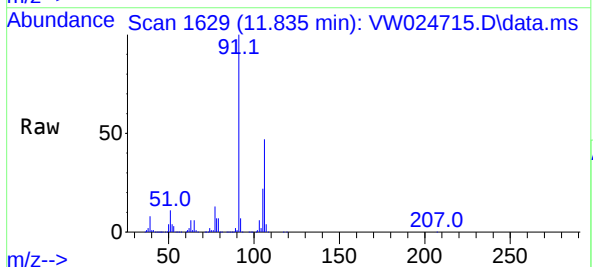
Acq: 04 Oct 2022 13:58

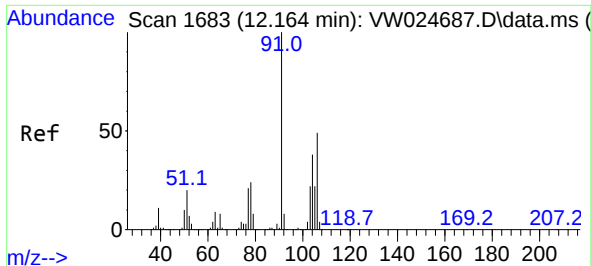
Tgt Ion:106 Resp: 347468

Ion Ratio Lower Upper

106 100

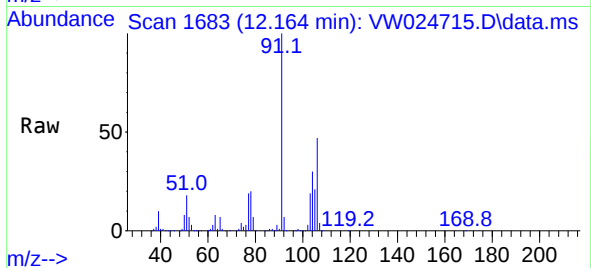
91 211.0 146.8 272.6



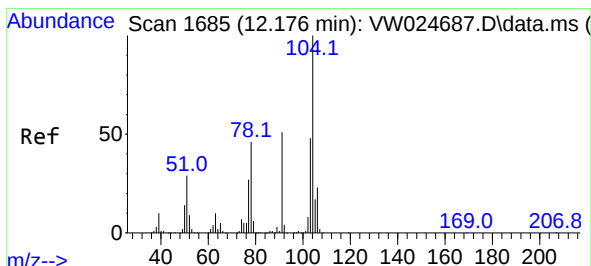
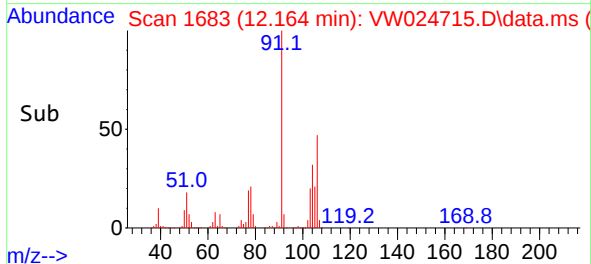
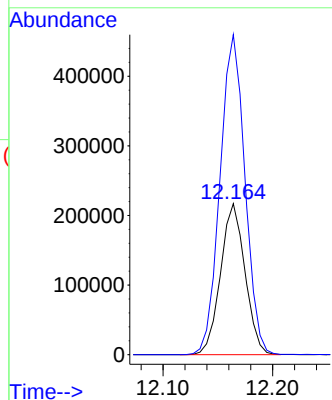


#54
o-Xylene
Concen: 22.408 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

Instrument :
MSVOA_W
ClientSampleId :

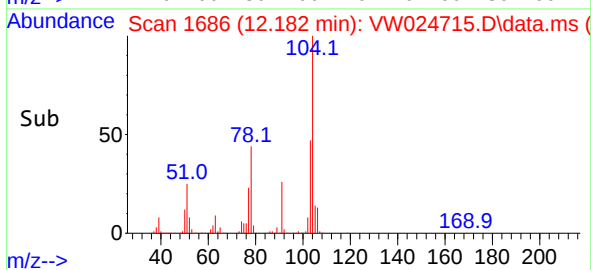
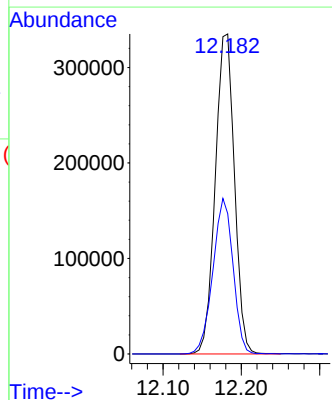
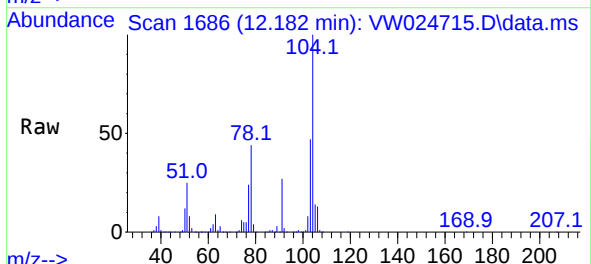


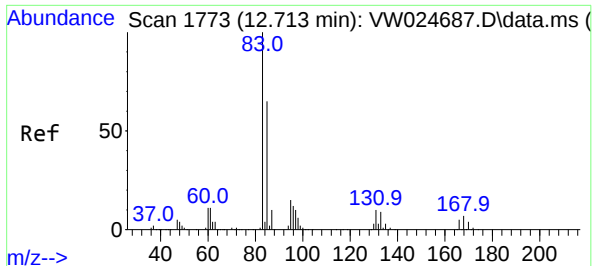
Tgt Ion:106 Resp: 336835
Ion Ratio Lower Upper
106 100
91 211.9 146.3 271.7



#55
Styrene
Concen: 22.512 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

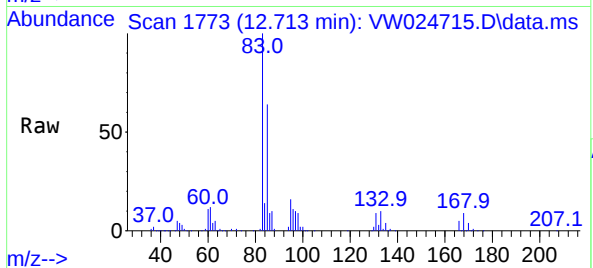
Tgt Ion:104 Resp: 570481
Ion Ratio Lower Upper
104 100
78 43.9 33.5 62.1



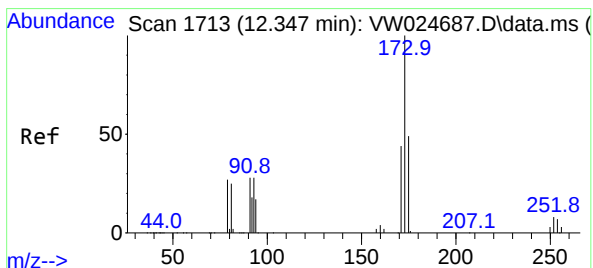
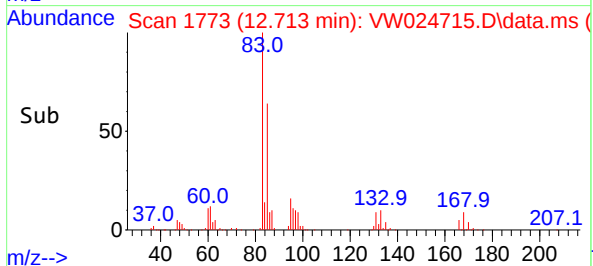
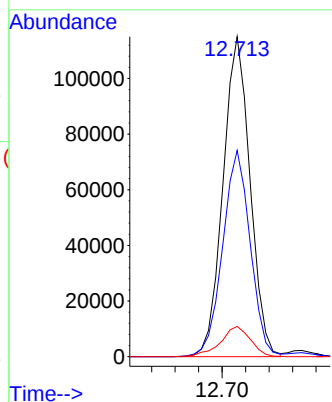


#57
1,1,2-Tetrachloroethane
Concen: 26.001 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

Instrument :
MSVOA_W
ClientSampleId :

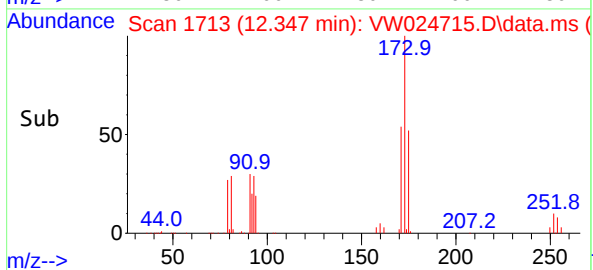
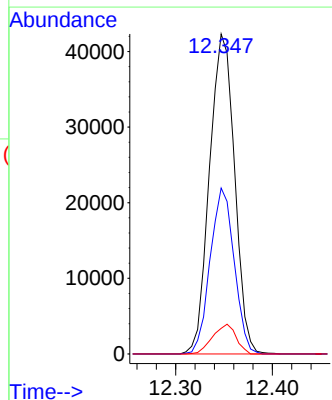
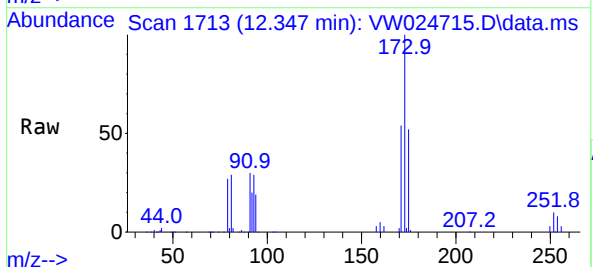


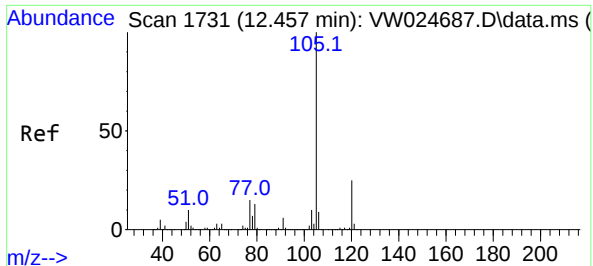
Tgt Ion: 83 Resp: 183980
Ion Ratio Lower Upper
83 100
85 64.4 45.2 84.0
131 9.5 7.3 10.9



#59
Bromoform
Concen: 22.319 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

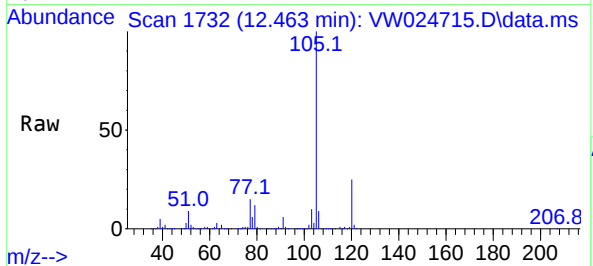
Tgt Ion: 173 Resp: 76147
Ion Ratio Lower Upper
173 100
175 49.6 37.7 56.5
254 8.7 6.7 10.1



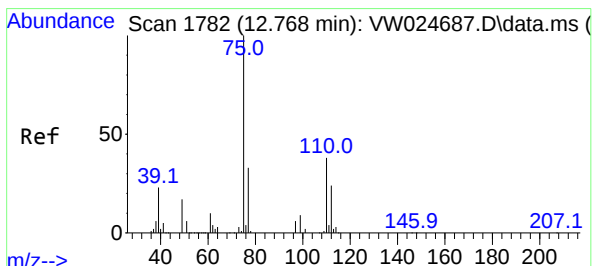
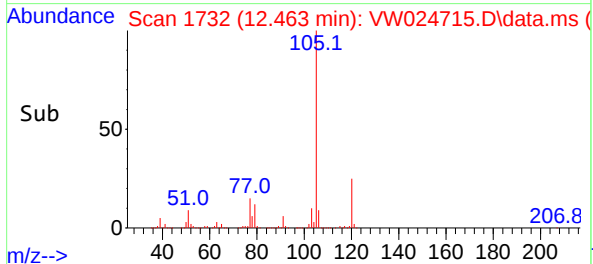
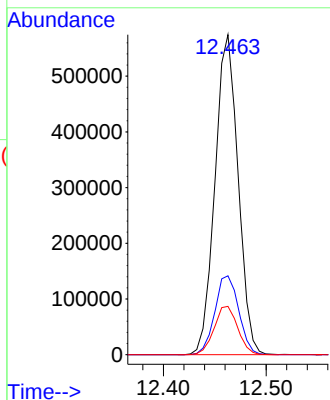


#60
Isopropylbenzene
Concen: 22.764 ug/L
RT: 12.463 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

Instrument :
MSVOA_W
ClientSampleId :

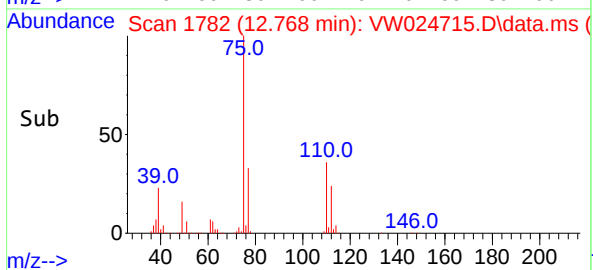
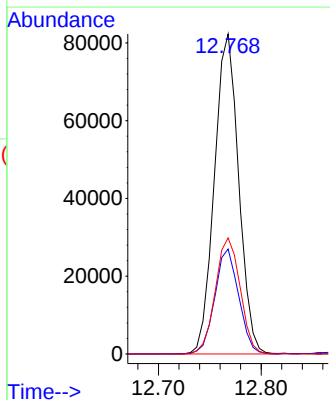
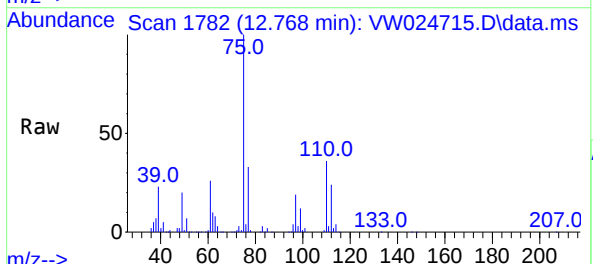


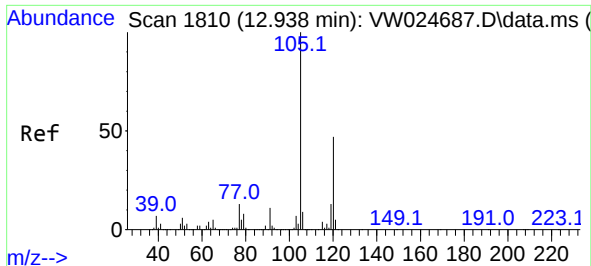
Tgt Ion:105 Resp: 895492
Ion Ratio Lower Upper
105 100
120 25.6 20.9 31.3
77 15.5 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 25.921 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

Tgt Ion: 75 Resp: 134768
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6
110 37.0 29.2 43.8

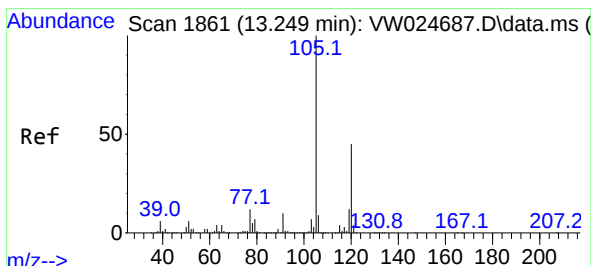
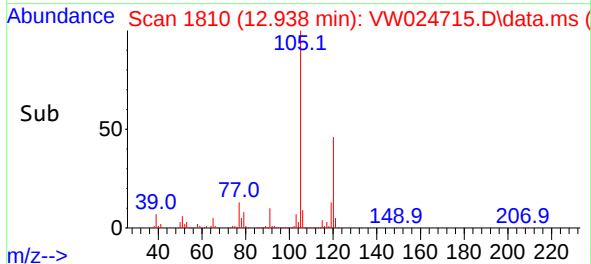
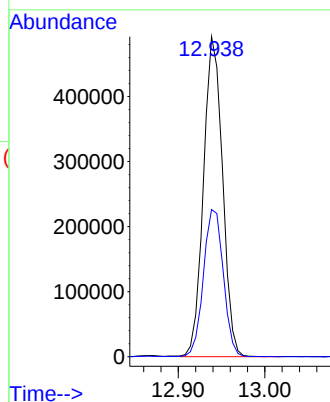
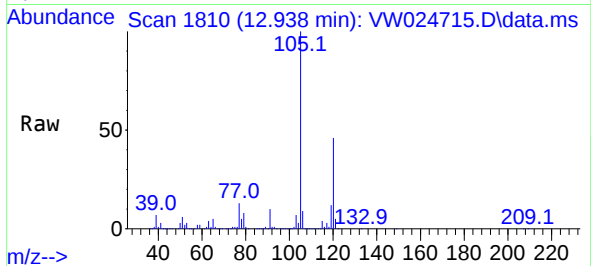




#62
1,3,5-Trimethylbenzene
Concen: 22.002 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

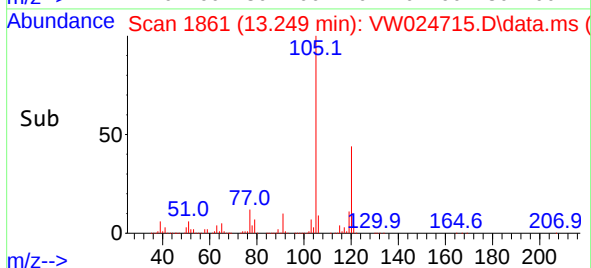
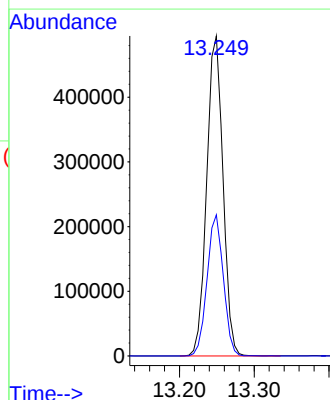
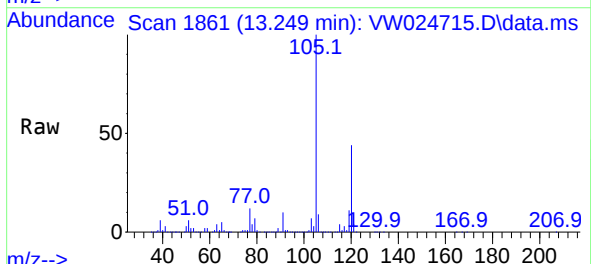
Instrument :
MSVOA_W
ClientSampleId :

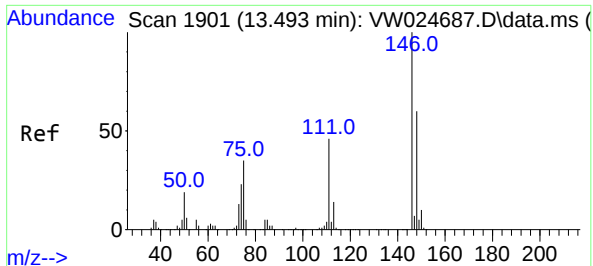
Tgt Ion:105 Resp: 752263
Ion Ratio Lower Upper
105 100
120 48.0 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 22.354 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

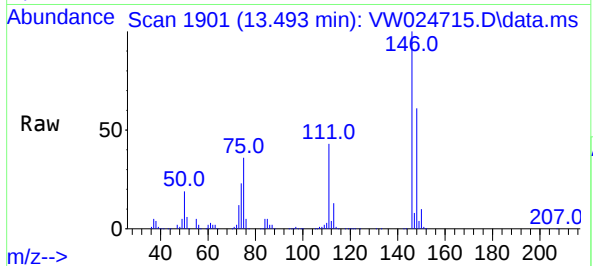
Tgt Ion:105 Resp: 748744
Ion Ratio Lower Upper
105 100
120 44.0 35.2 52.8



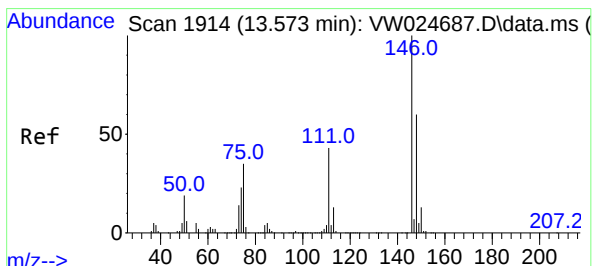
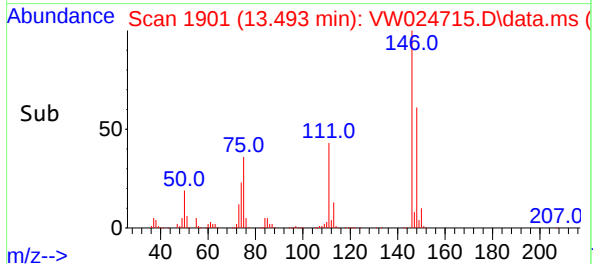
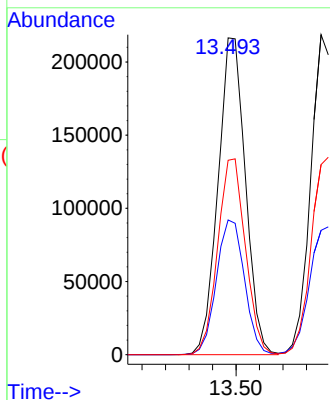


#64
1,3-Dichlorobenzene
Concen: 21.999 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

Instrument :
MSVOA_W
ClientSampleId :

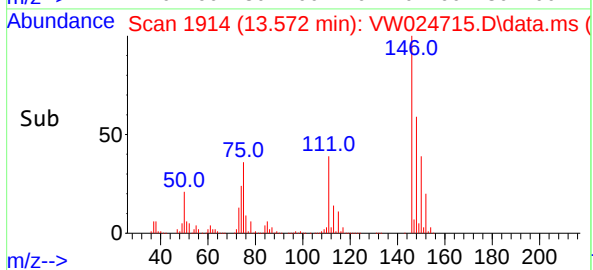
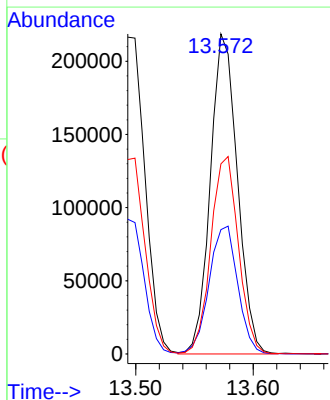
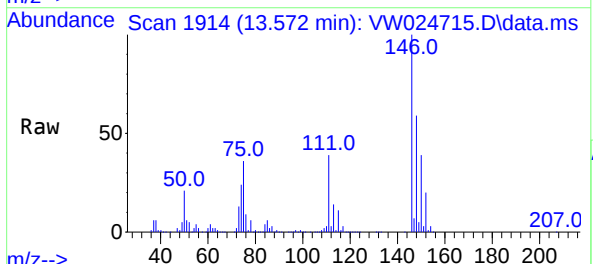


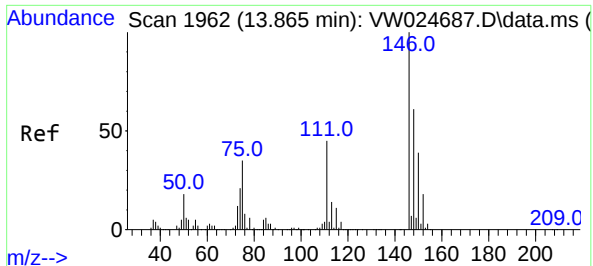
Tgt Ion:146 Resp: 351590
Ion Ratio Lower Upper
146 100
111 42.5 31.6 58.6
148 61.4 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 22.481 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

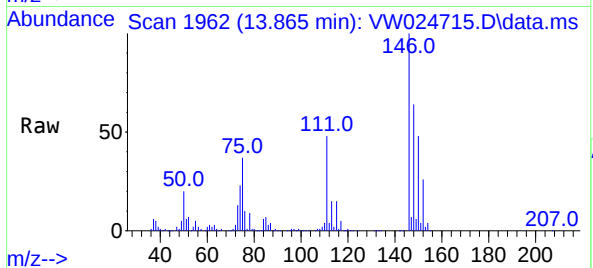
Tgt Ion:146 Resp: 349762
Ion Ratio Lower Upper
146 100
111 38.9 29.4 54.6
148 59.4 39.6 73.6



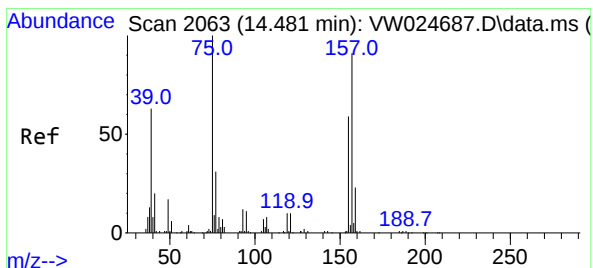
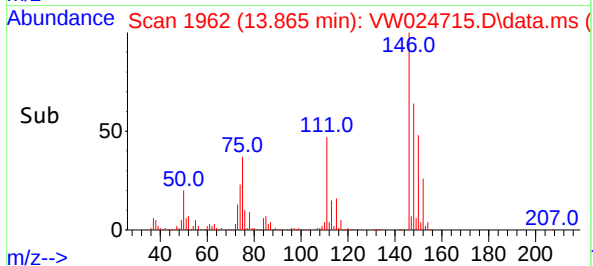
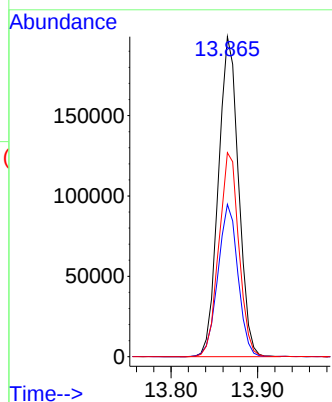


#67
1,2-Dichlorobenzene
Concen: 23.141 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

Instrument :
MSVOA_W
ClientSampleId :

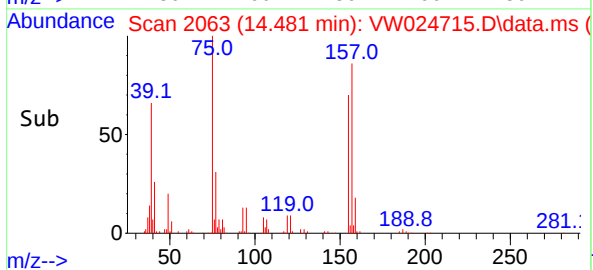
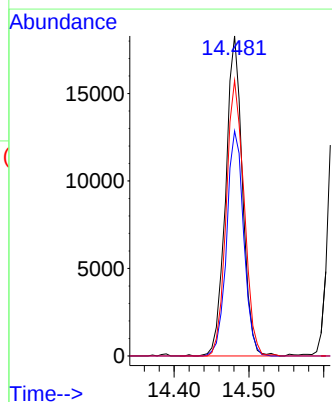
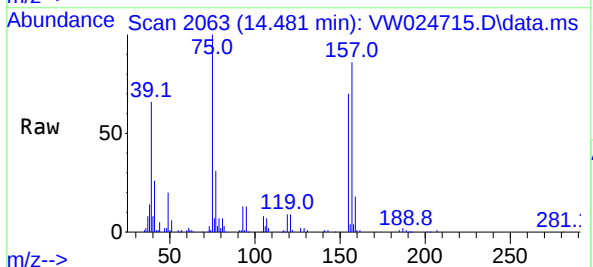


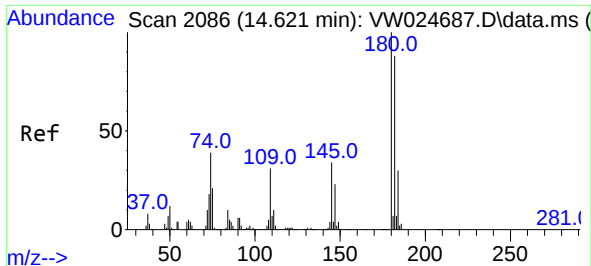
Tgt Ion:146 Resp: 322123
Ion Ratio Lower Upper
146 100
111 47.6 37.2 55.8
148 63.8 53.0 79.6



#68
1,2-Dibromo-3-chloropropane
Concen: 23.282 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

Tgt Ion: 75 Resp: 28625
Ion Ratio Lower Upper
75 100
155 70.3 57.6 86.4
157 86.1 73.0 109.6





#69

1,3,5-Trichlorobenzene

Concen: 19.881 ug/L

RT: 14.627 min Scan# 210970

Delta R.T. 0.006 min

Lab File: VW024715.D

Acq: 04 Oct 2022 13:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 210970

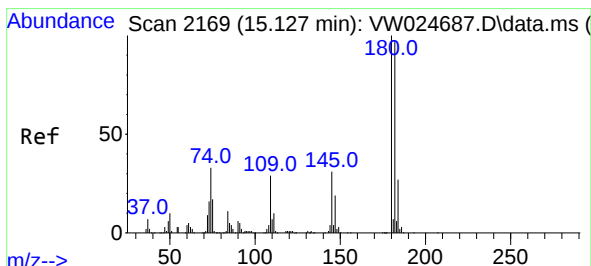
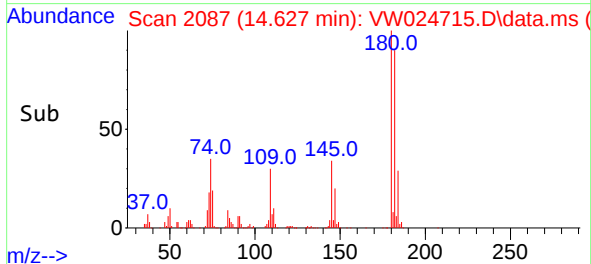
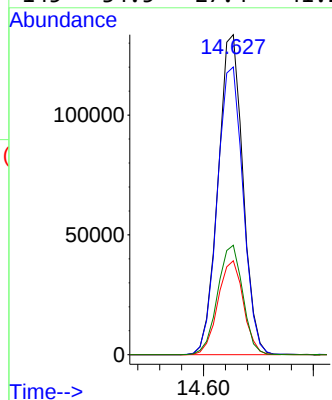
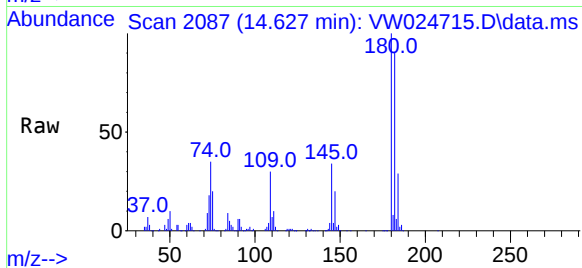
Ion Ratio Lower Upper

180 100

182 92.9 77.1 115.7

184 30.0 23.3 34.9

145 34.5 27.4 41.2



#70

1,2,4-trichlorobenzene

Concen: 18.971 ug/L

RT: 15.121 min Scan# 2168

Delta R.T. -0.006 min

Lab File: VW024715.D

Acq: 04 Oct 2022 13:58

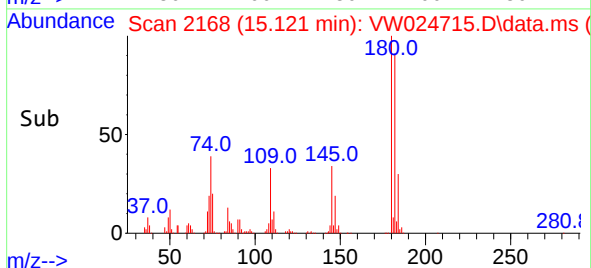
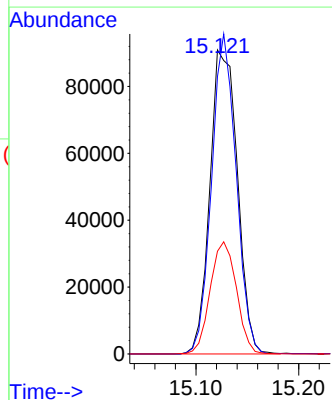
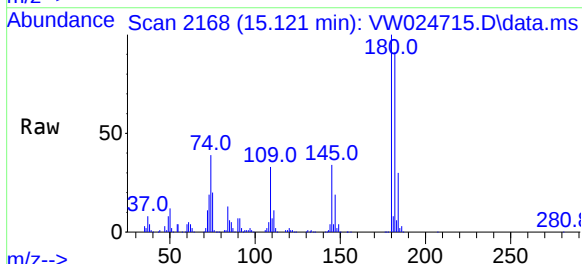
Tgt Ion:180 Resp: 169122

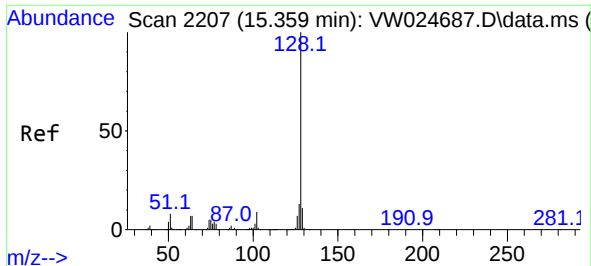
Ion Ratio Lower Upper

180 100

182 94.0 76.8 115.2

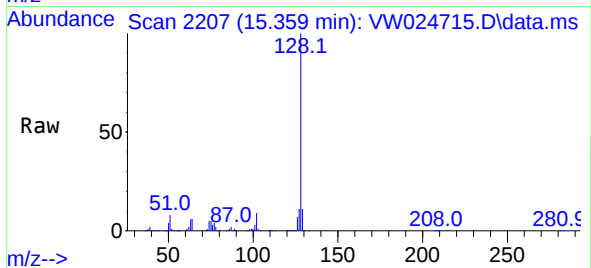
145 35.3 29.0 43.4



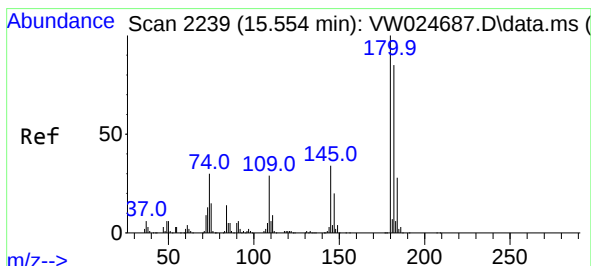
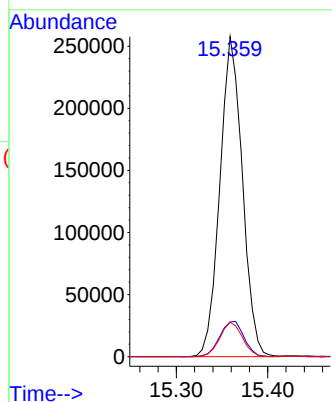
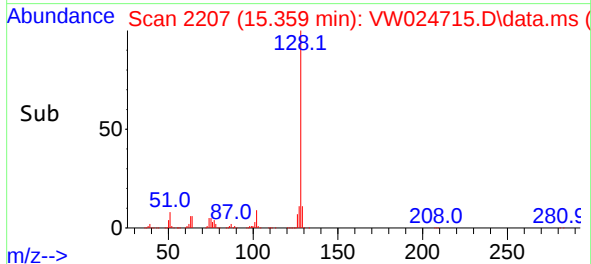


#71
Naphthalene
Concen: 22.703 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 440670
Ion Ratio Lower Upper
128 100
127 11.9 10.6 16.0
129 10.9 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 20.361 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW024715.D
Acq: 04 Oct 2022 13:58

Tgt Ion:180 Resp: 154483
Ion Ratio Lower Upper
180 100
182 90.4 77.4 116.2
145 35.2 30.6 45.8

