

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101122\
 Data File : VW024838.D
 Acq On : 11 Oct 2022 09:48
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025593

Quant Time: Oct 12 01:13:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 07 03:04:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	520758	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	467146	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	233670	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	150995	27.713	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.840%
7) Chloroethane-d5	2.885	69	86004	27.163	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.640%
11) 1,1-Dichloroethene-d2	4.019	63	328899	26.081	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.320%
21) 2-Butanone-d5	7.074	46	97818	49.936	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.880%
24) Chloroform-d	7.647	84	349602	25.112	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.440%
26) 1,2-Dichloroethane-d4	8.305	65	179755	24.890	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.560%
32) Benzene-d6	8.275	84	727579	24.368	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.480%
36) 1,2-Dichloropropane-d6	9.275	67	216922	23.778	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.120%
41) Toluene-d8	10.323	98	660115	24.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.960%
43) trans-1,3-Dichloroprop...	10.579	79	88197	21.709	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.840%
47) 2-Hexanone-d5	10.921	63	77652	49.749	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.500%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	167631	25.788	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	197667	24.040	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	53072	16.600	ug/L #	88
3) Chloromethane	2.221	50	119278	19.158	ug/L	98
5) Vinyl chloride	2.361	62	179597	28.055	ug/L	98
6) Bromomethane	2.776	94	82621	27.965	ug/L	98
8) Chloroethane	2.922	64	70197	26.010	ug/L	98
9) Trichlorofluoromethane	3.263	101	93652	26.150	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	181895	26.629	ug/L #	77
12) 1,1-Dichloroethene	4.044	96	170342	25.004	ug/L	95
13) Acetone	4.123	43	76103	53.249	ug/L	96
14) Carbon disulfide	4.385	76	512499	23.830	ug/L	99
15) Methyl Acetate	4.672	43	81505	25.755	ug/L #	78
16) Methylene chloride	4.922	84	192339	18.807	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	182709	23.870	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	285727	23.543	ug/L	99
19) 1,1-Dichloroethane	6.220	63	346702	24.210	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	200121	24.366	ug/L	98
22) 2-Butanone	7.171	43	111829	48.919	ug/L	99
23) Bromochloromethane	7.513	128	82073	24.587	ug/L	96
25) Chloroform	7.677	83	344653	25.380	ug/L	99

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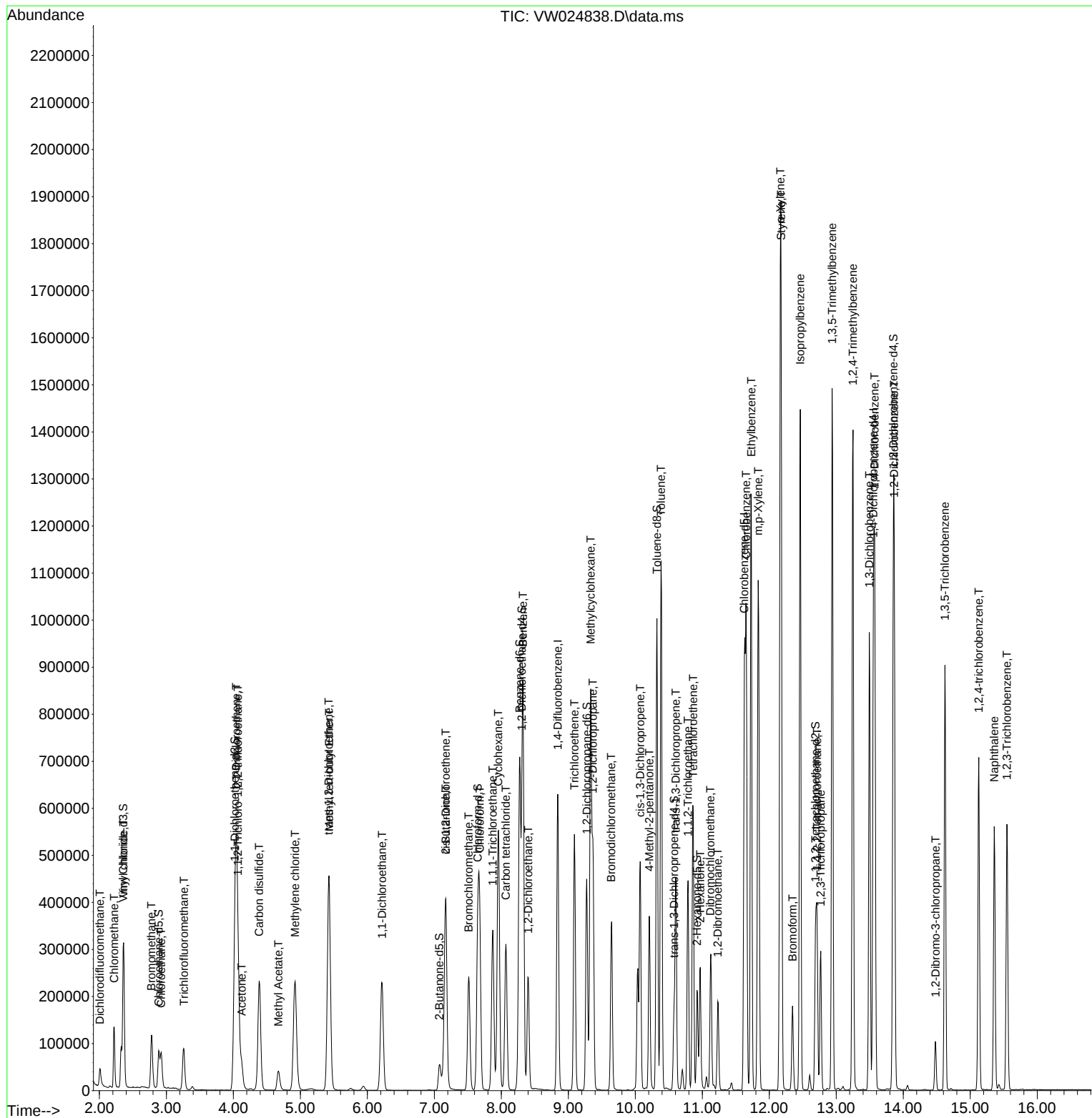
Quant Time: Oct 12 01:13:41 2022
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 Quant Title : SFAM01.0
 QLast Update : Fri Oct 07 03:04:02 2022
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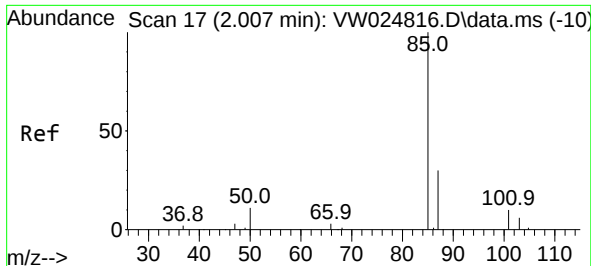
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	216422	25.327	ug/L	100
29) Cyclohexane	7.952	56	330775	22.734	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	270483	23.928	ug/L	98
31) Carbon tetrachloride	8.067	117	233977	24.443	ug/L	98
33) Benzene	8.323	78	778590	23.813	ug/L	100
34) Trichloroethene	9.092	95	198619	23.967	ug/L	98
35) Methylcyclohexane	9.335	83	352960	23.234	ug/L	99
37) 1,2-Dichloropropane	9.366	63	196711	24.370	ug/L	99
38) Bromodichloromethane	9.640	83	249306	25.109	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	295516	23.152	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	241689	50.586	ug/L	100
42) Toluene	10.384	91	812967	24.078	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	248467	22.704	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	140890	25.554	ug/L	97
46) Tetrachloroethene	10.866	164	134631	23.910	ug/L	86
48) 2-Hexanone	10.969	43	165184	51.129	ug/L	99
49) Dibromochloromethane	11.122	129	152685	24.593	ug/L	95
50) 1,2-Dibromoethane	11.232	107	129837	24.879	ug/L	99
51) Chlorobenzene	11.652	112	504402	24.399	ug/L	97
52) Ethylbenzene	11.731	91	923318	24.827	ug/L	97
53) m,p-Xylene	11.835	106	354692	24.423	ug/L	96
54) o-Xylene	12.164	106	326372	23.798	ug/L	82
55) Styrene	12.176	104	580194	25.096	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	172716	26.755	ug/L	98
59) Bromoform	12.347	173	78477	23.759	ug/L	100
60) Isopropylbenzene	12.463	105	921634	24.200	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	125905	25.014	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	792852	23.952	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	779125	24.027	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	375351	24.260	ug/L	93
65) 1,4-Dichlorobenzene	13.573	146	369326	24.521	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	332325	24.660	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	27651	23.230	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	251220	24.454	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	193705	22.444	ug/L	98
71) Naphthalene	15.359	128	451259	24.014	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	175056	23.833	ug/L	95

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

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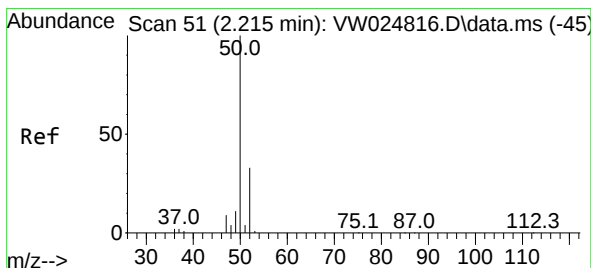
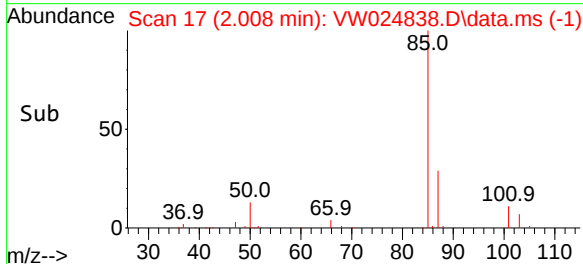
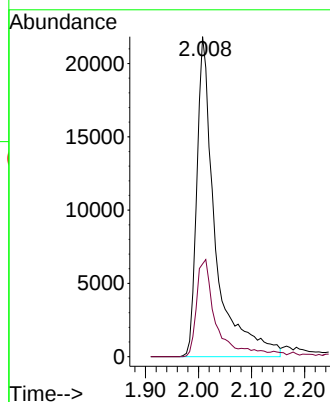
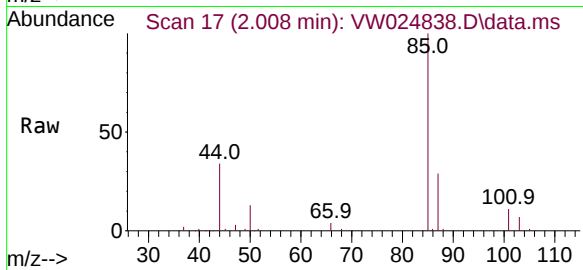




#2
 Dichlorodifluoromethane
 Concen: 16.600 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW024838.D
 Acq: 11 Oct 2022 09:48

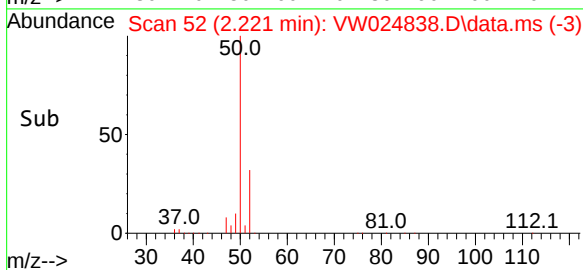
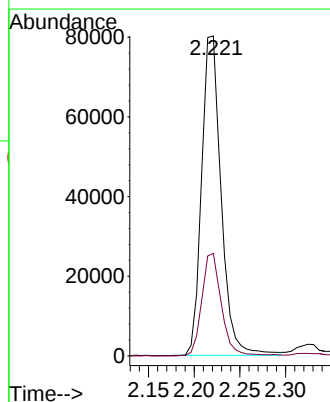
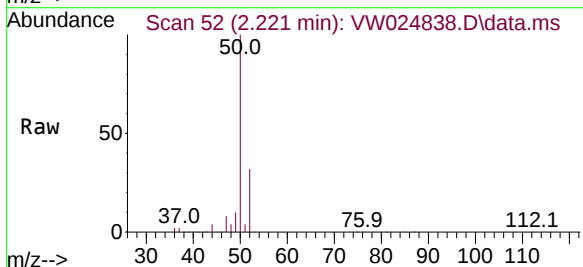
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025593

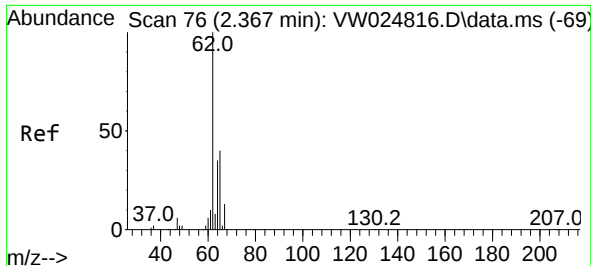
Tgt Ion: 85 Resp: 53072
 Ion Ratio Lower Upper
 85 100
 87 28.8 28.8 43.2#



#3
 Chloromethane
 Concen: 19.158 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW024838.D
 Acq: 11 Oct 2022 09:48

Tgt Ion: 50 Resp: 119278
 Ion Ratio Lower Upper
 50 100
 52 32.0 21.7 40.3

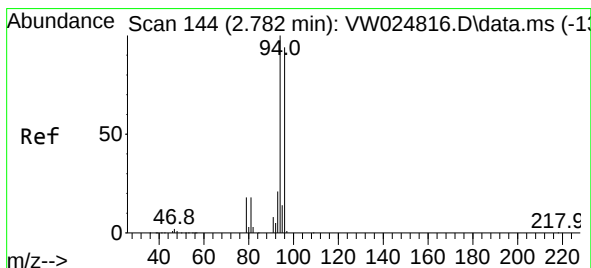
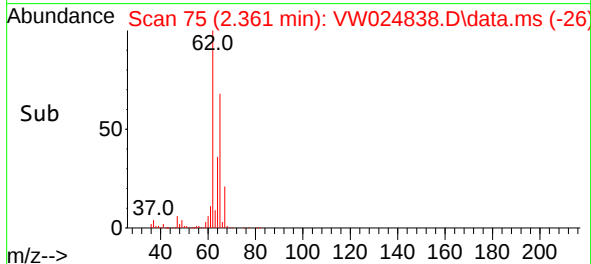
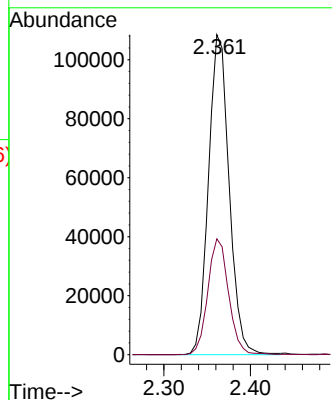
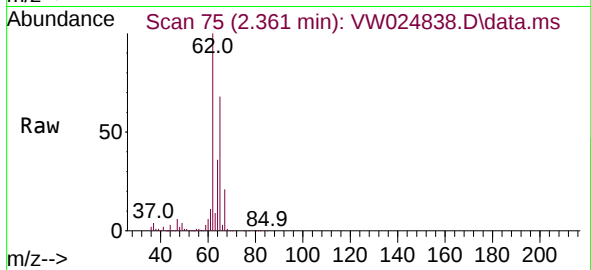




#5
 Vinyl chloride
 Concen: 28.055 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW024838.D
 Acq: 11 Oct 2022 09:48

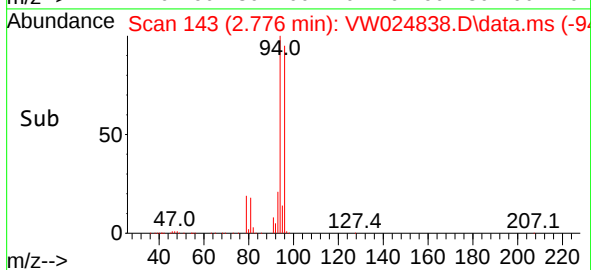
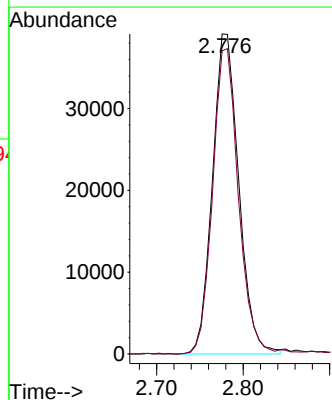
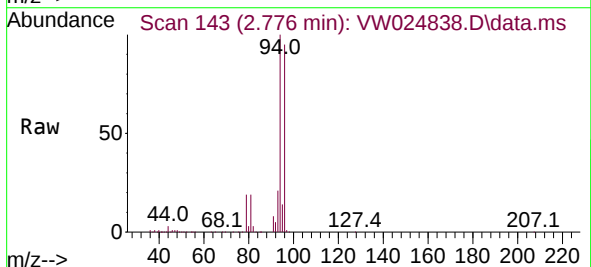
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025593

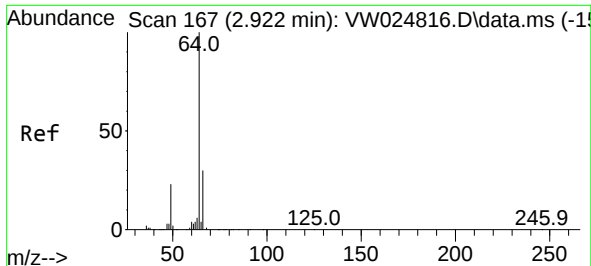
Tgt Ion: 62 Resp: 179597
 Ion Ratio Lower Upper
 62 100
 64 36.2 24.4 45.2



#6
 Bromomethane
 Concen: 27.965 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW024838.D
 Acq: 11 Oct 2022 09:48

Tgt Ion: 94 Resp: 82621
 Ion Ratio Lower Upper
 94 100
 96 94.7 68.0 126.2

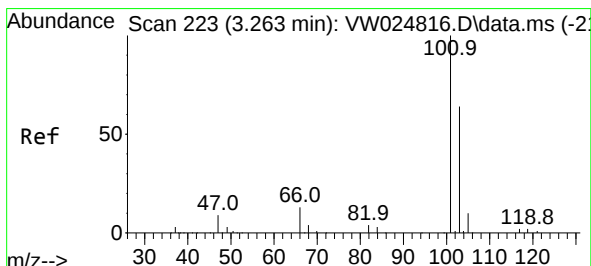
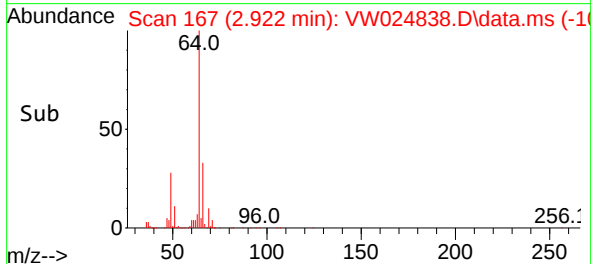
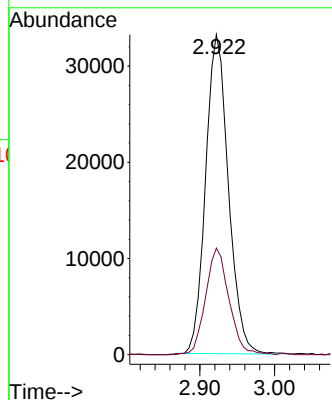
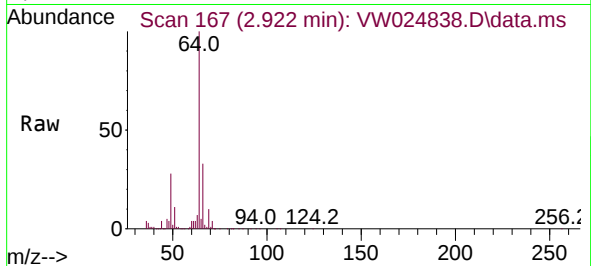




#8
Chloroethane
Concen: 26.010 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

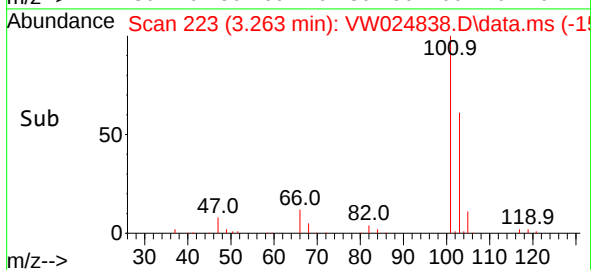
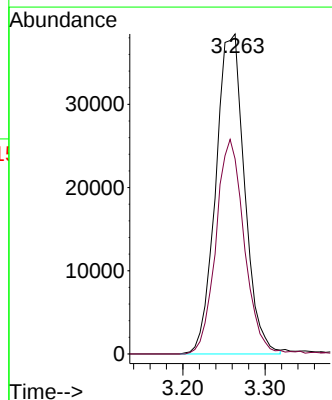
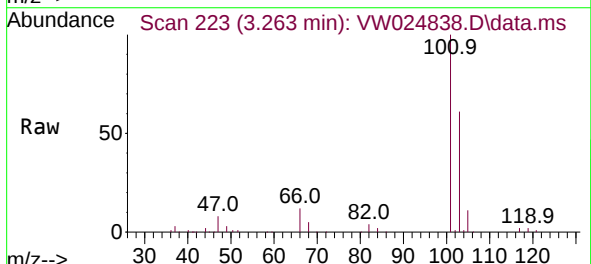
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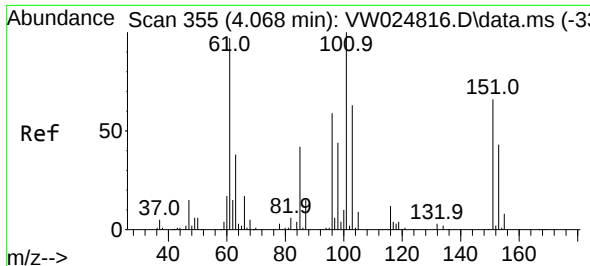
Tgt Ion: 64 Resp: 70197
Ion Ratio Lower Upper
64 100
66 33.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 26.150 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

Tgt Ion: 101 Resp: 93652
Ion Ratio Lower Upper
101 100
103 65.6 53.4 80.2

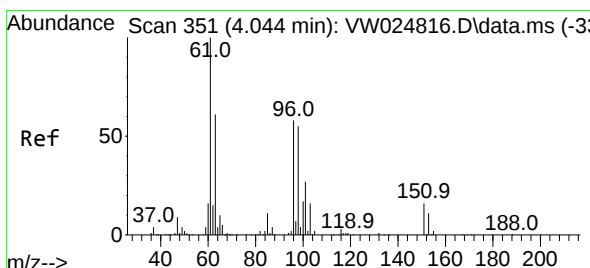
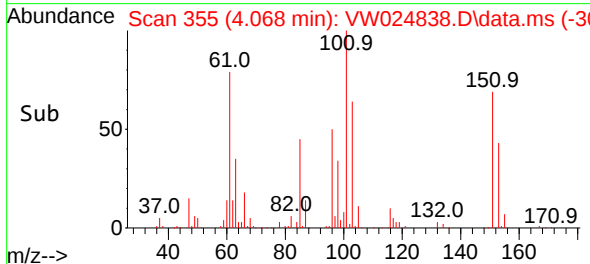
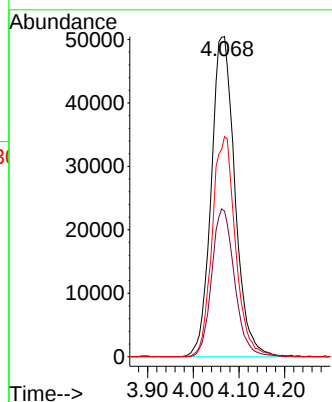
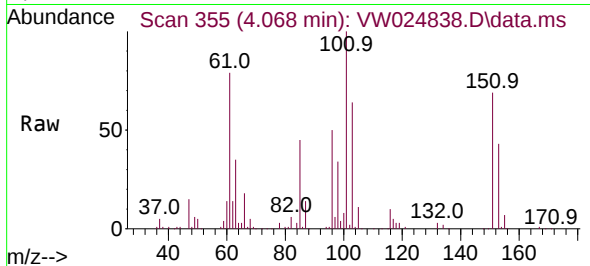




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.629 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW024838.D
 Acq: 11 Oct 2022 09:48

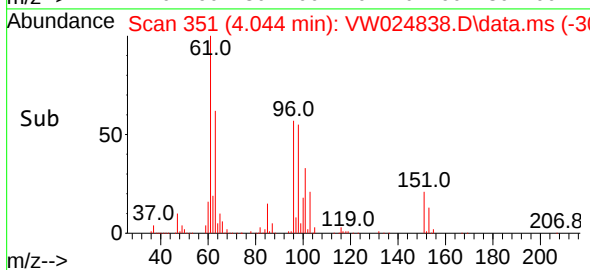
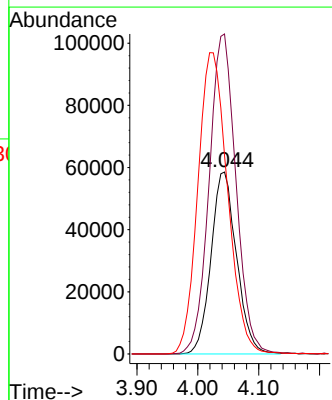
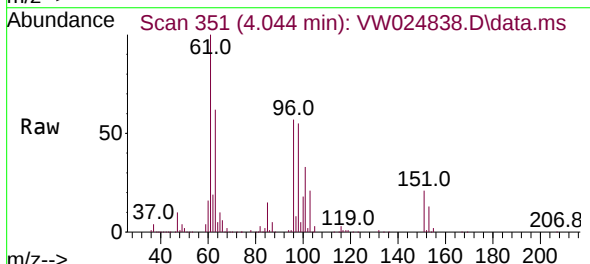
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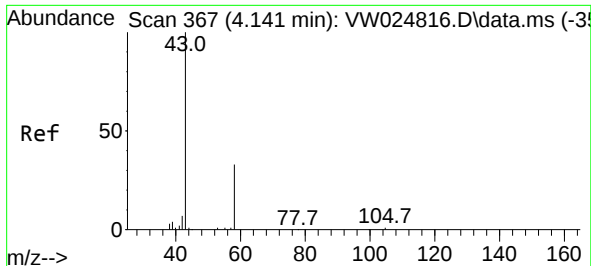
Tgt Ion:101 Resp: 181895
 Ion Ratio Lower Upper
 101 100
 85 44.3 34.9 52.3
 151 67.5 30.9 46.3#



#12
 1,1-Dichloroethene
 Concen: 25.004 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024838.D
 Acq: 11 Oct 2022 09:48

Tgt Ion: 96 Resp: 170342
 Ion Ratio Lower Upper
 96 100
 61 175.9 124.5 231.1
 63 109.1 84.1 156.1





#13

Acetone

Concen: 53.249 ug/L

RT: 4.123 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 09:48

Instrument :

MSVOA_W

ClientSampleId :

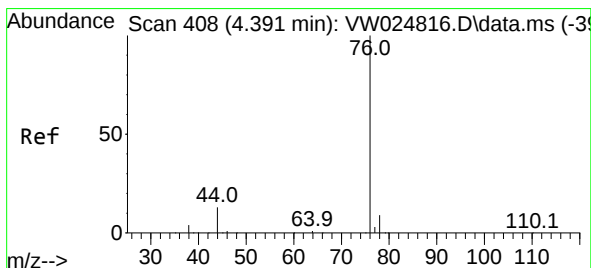
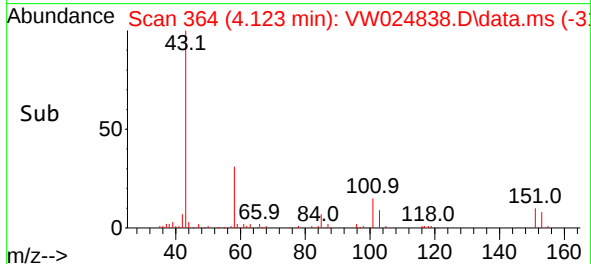
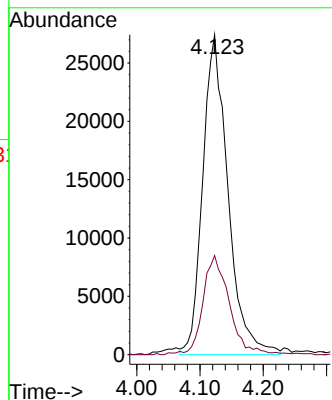
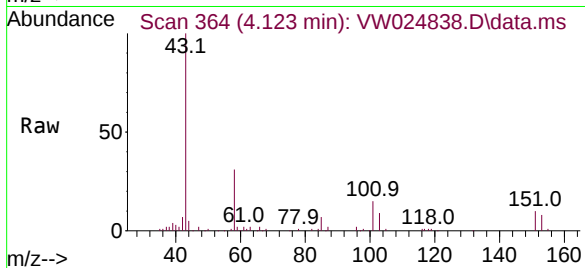
VSTD025593

Tgt Ion: 43 Resp: 76103

Ion Ratio Lower Upper

43 100

58 31.4 0.0 67.6



#14

Carbon disulfide

Concen: 23.830 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW024838.D

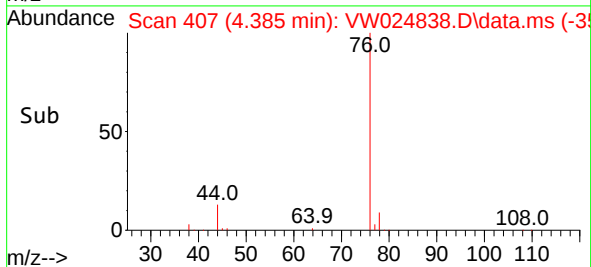
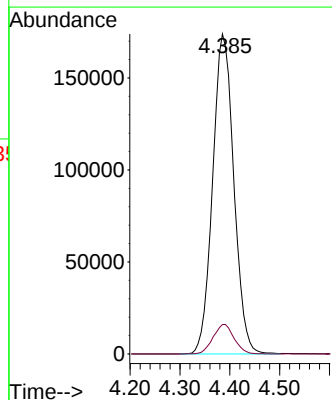
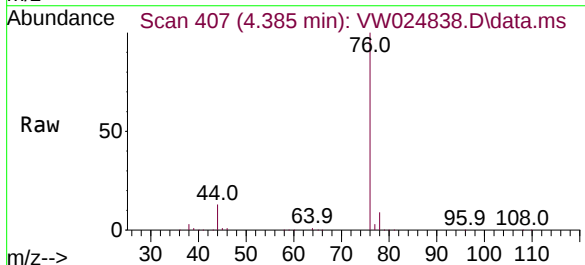
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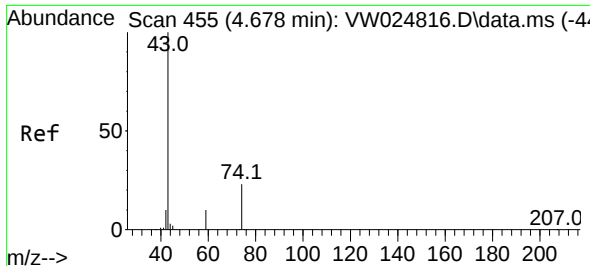
Tgt Ion: 76 Resp: 512499

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

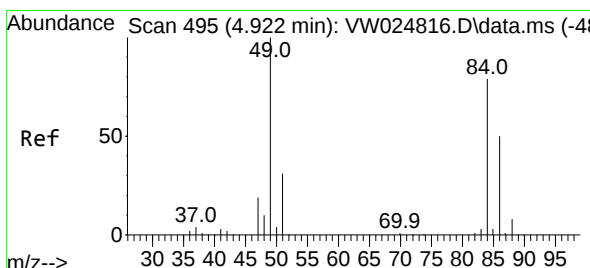
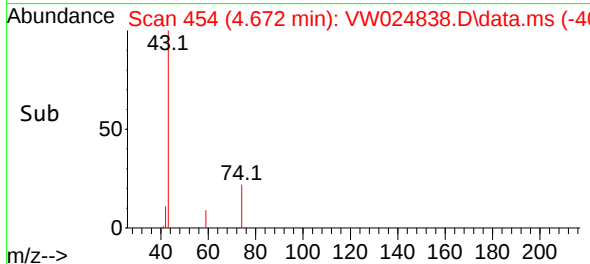
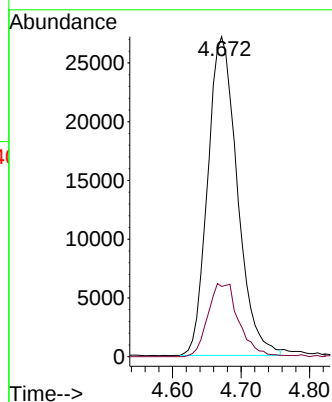
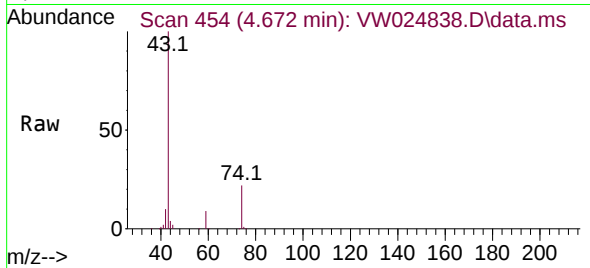




#15
Methyl Acetate
Concen: 25.755 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

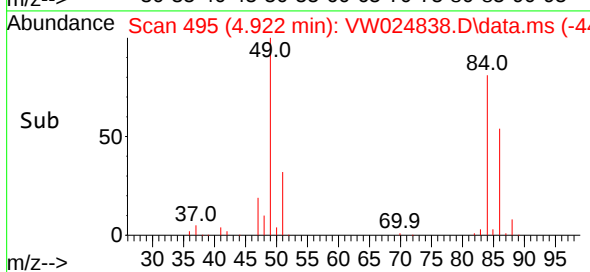
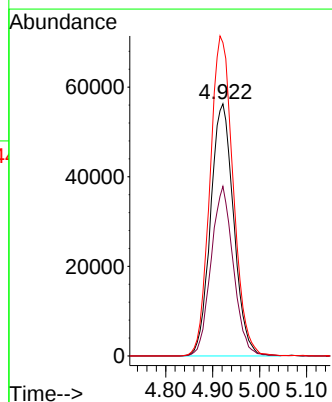
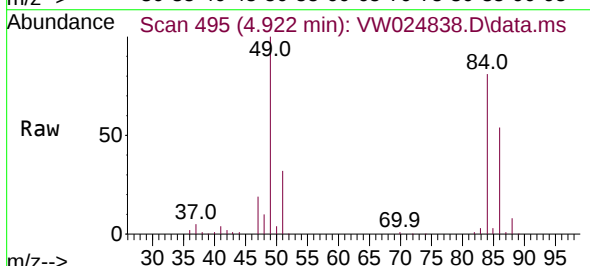
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

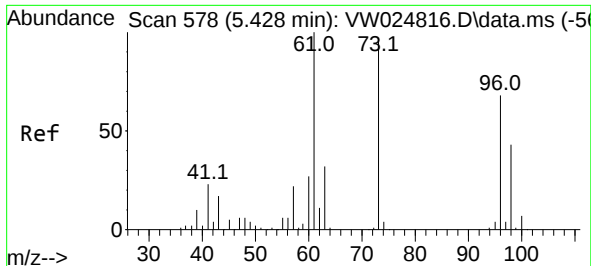
Tgt Ion: 43 Resp: 81505
Ion Ratio Lower Upper
43 100
74 11.9 18.1 27.1#



#16
Methylene chloride
Concen: 18.807 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

Tgt Ion: 84 Resp: 192339
Ion Ratio Lower Upper
84 100
86 67.2 44.0 81.8
49 124.2 87.4 162.2





#17

trans-1,2-Dichloroethene

Concen: 23.870 ug/L

RT: 5.422 min Scan# 51

Delta R.T. 0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 09:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025593

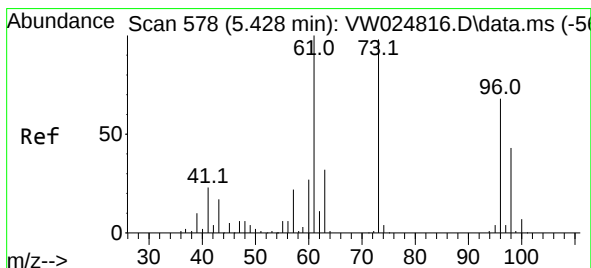
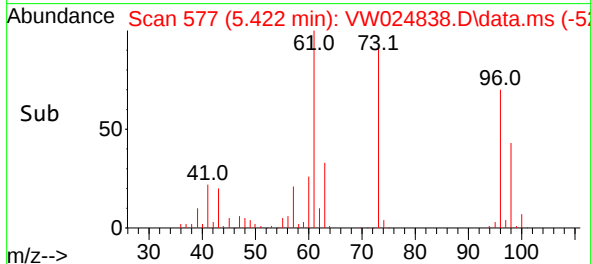
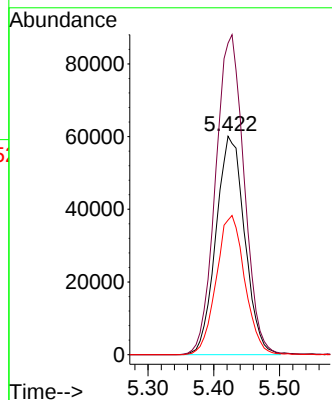
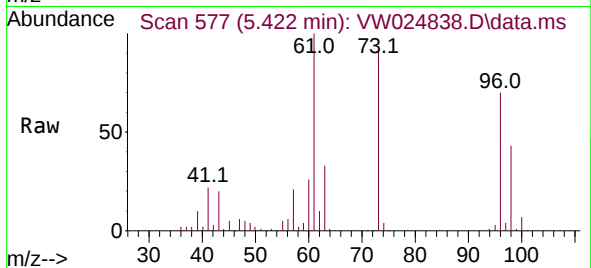
Tgt Ion: 96 Resp: 182709

Ion Ratio Lower Upper

96 100

61 142.7 106.3 197.5

98 61.6 45.1 83.9



#18

Methyl tert-butyl Ether

Concen: 23.543 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 09:48

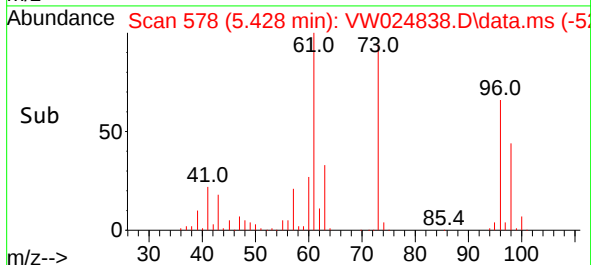
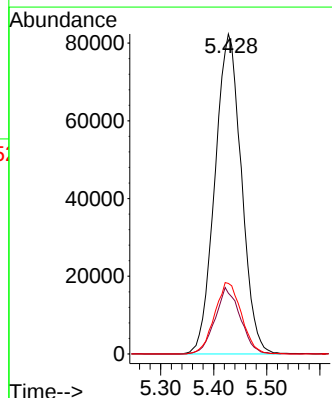
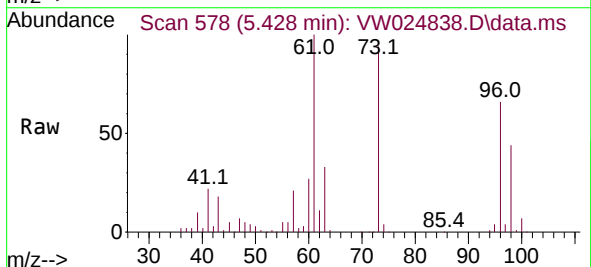
Tgt Ion: 73 Resp: 285727

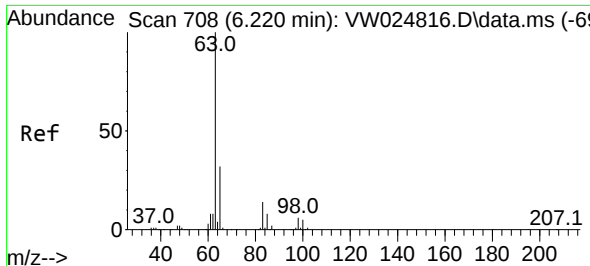
Ion Ratio Lower Upper

73 100

43 19.7 15.6 23.4

57 22.5 18.3 27.5

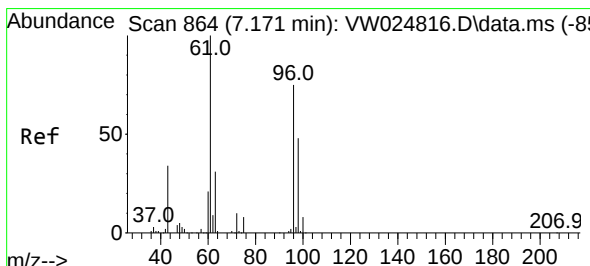
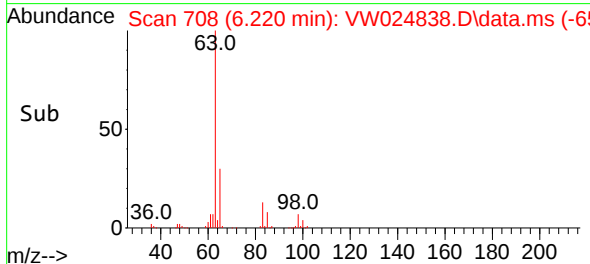
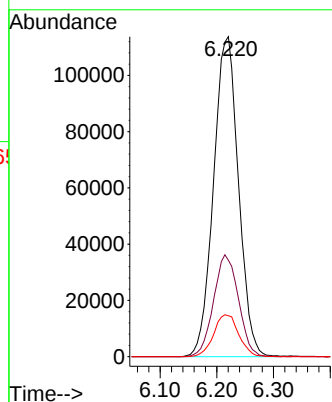
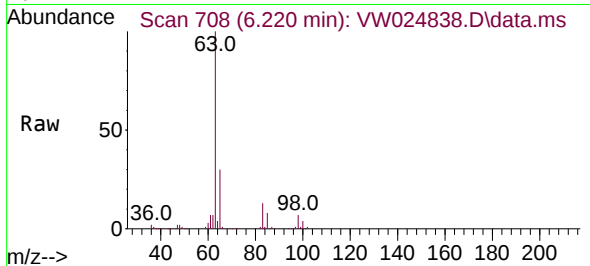




#19
1,1-Dichloroethane
Concen: 24.210 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

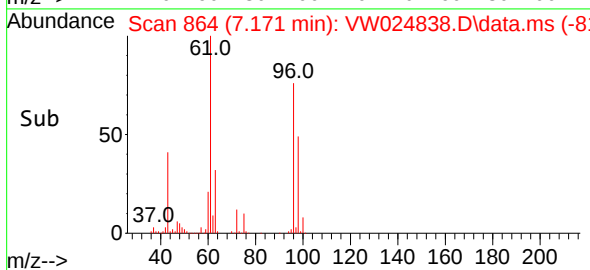
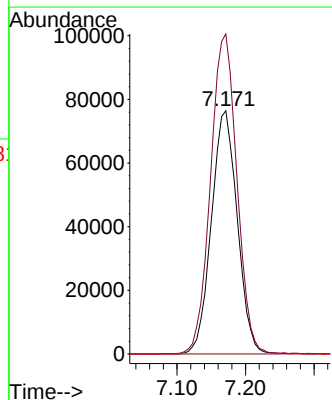
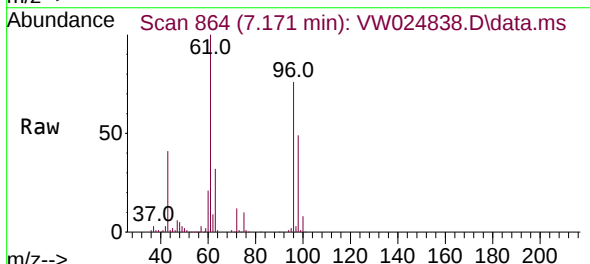
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

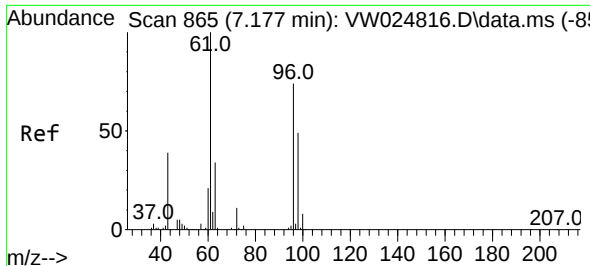
Tgt Ion: 63 Resp: 346702
Ion Ratio Lower Upper
63 100
65 30.1 23.7 43.9
83 12.8 9.4 17.6



#20
cis-1,2-Dichloroethene
Concen: 24.366 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

Tgt Ion: 96 Resp: 200121
Ion Ratio Lower Upper
96 100
61 131.6 90.2 167.4
68 0.0 0.0 0.0

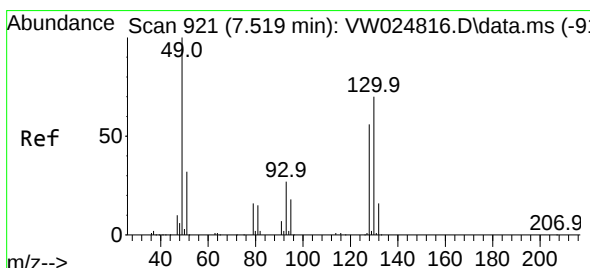
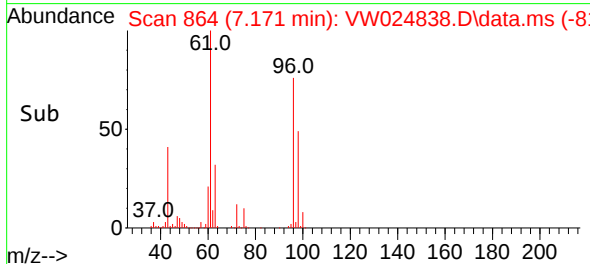
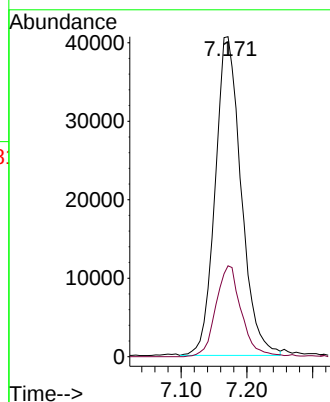
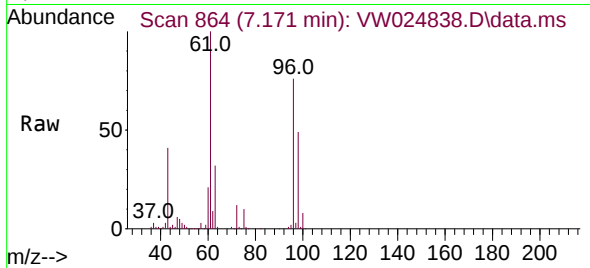




#22
2-Butanone
Concen: 48.919 ug/L
RT: 7.171 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

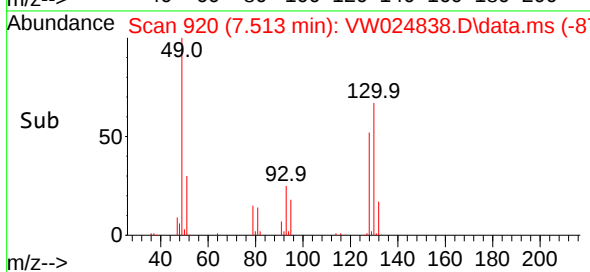
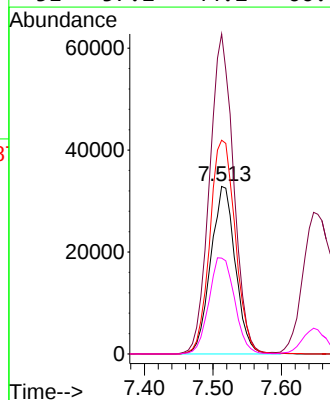
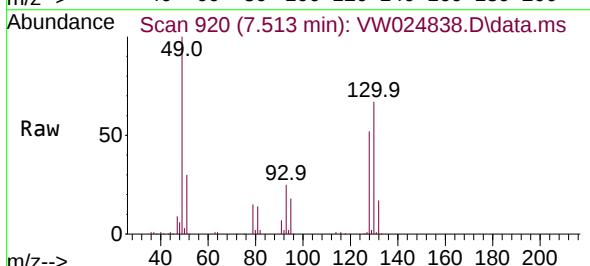
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

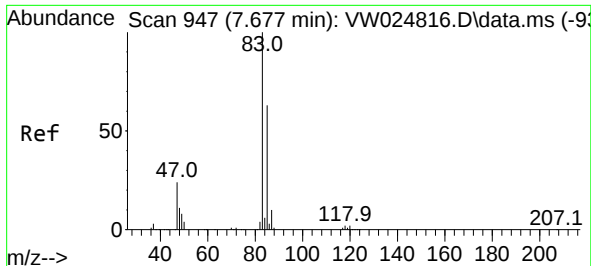
Tgt Ion: 43 Resp: 111829
Ion Ratio Lower Upper
43 100
72 27.9 13.8 41.3



#23
Bromochloromethane
Concen: 24.587 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

Tgt Ion: 128 Resp: 82073
Ion Ratio Lower Upper
128 100
49 191.0 127.3 236.3
130 127.6 90.2 167.4
51 57.2 44.2 66.4

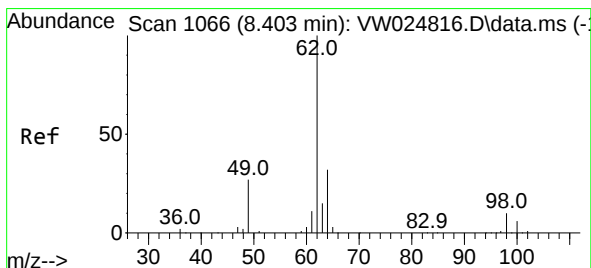
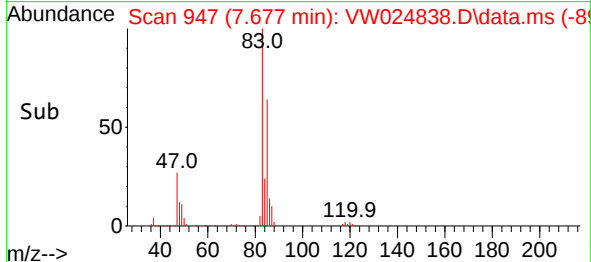
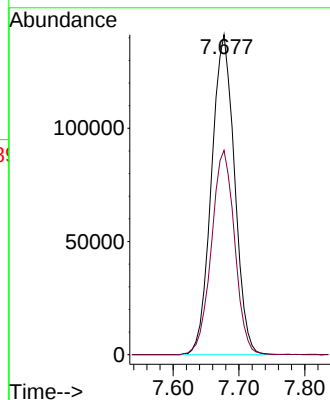
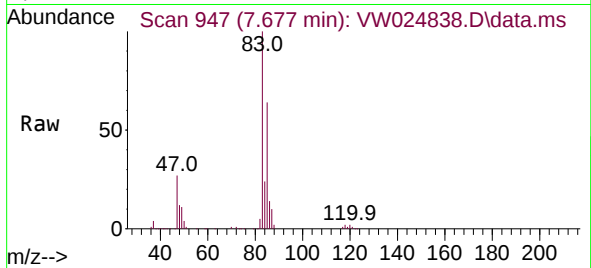




#25
Chloroform
Concen: 25.380 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

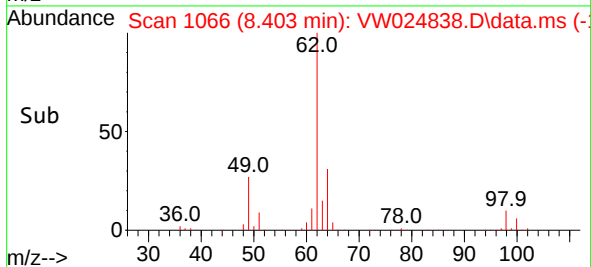
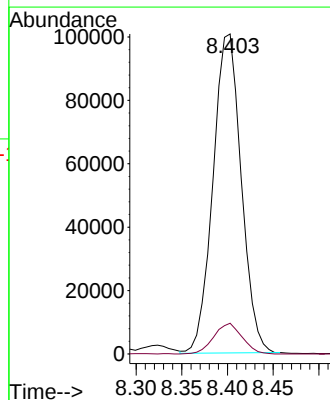
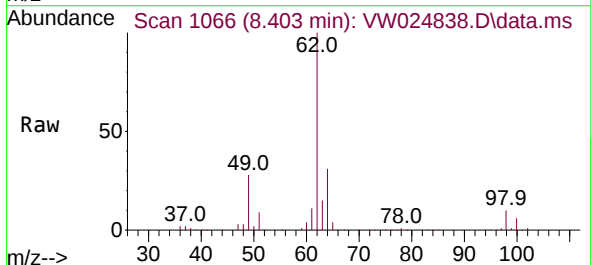
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

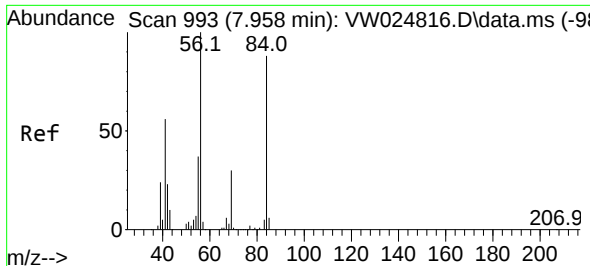
Tgt Ion: 83 Resp: 344653
Ion Ratio Lower Upper
83 100
85 63.8 44.0 81.8



#27
1,2-Dichloroethane
Concen: 25.327 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

Tgt Ion: 62 Resp: 216422
Ion Ratio Lower Upper
62 100
98 9.6 7.8 11.8

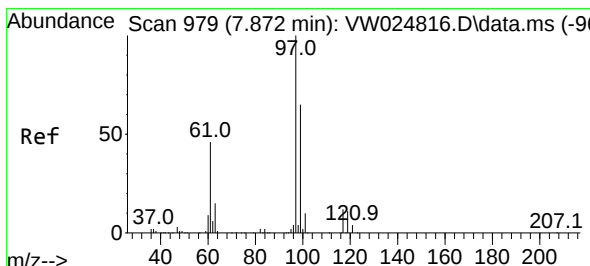
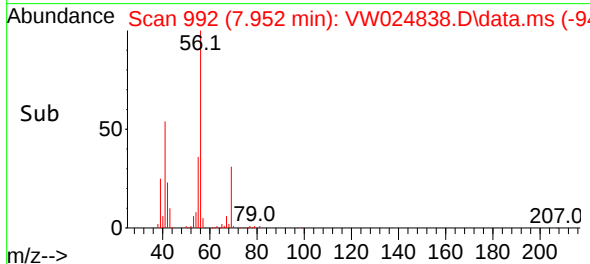
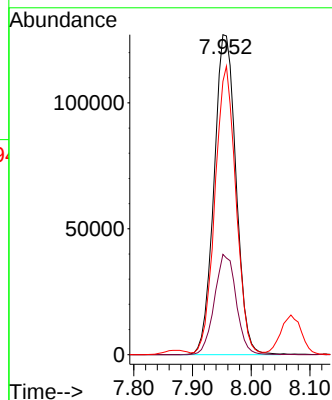
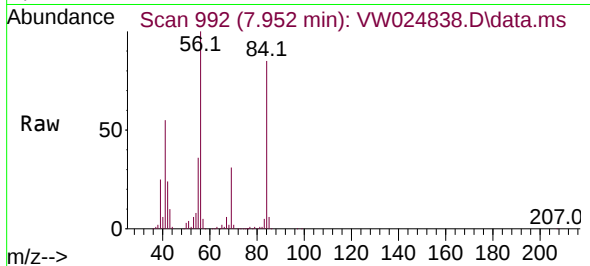




#29
Cyclohexane
Concen: 22.734 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

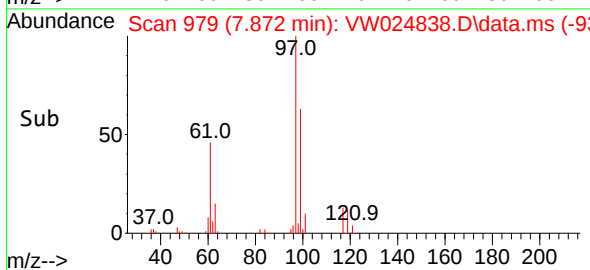
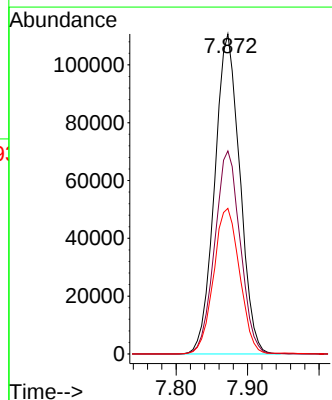
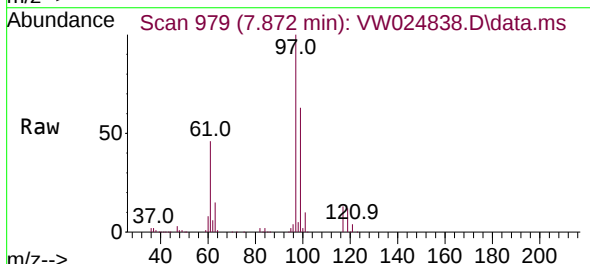
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

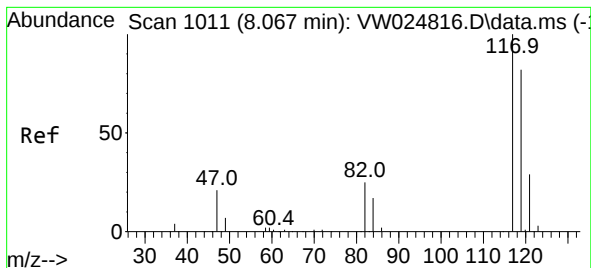
Tgt Ion: 56 Resp: 330775
Ion Ratio Lower Upper
56 100
69 30.9 25.0 37.4
84 85.8 68.1 102.1



#30
1,1,1-Trichloroethane
Concen: 23.928 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

Tgt Ion: 97 Resp: 270483
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 47.0 35.8 53.6

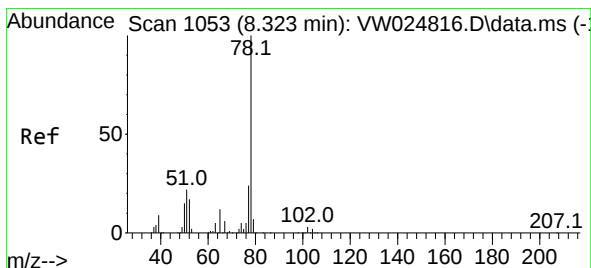
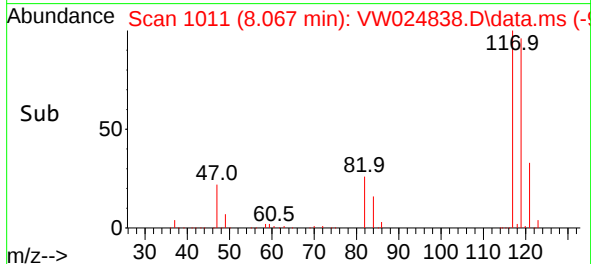
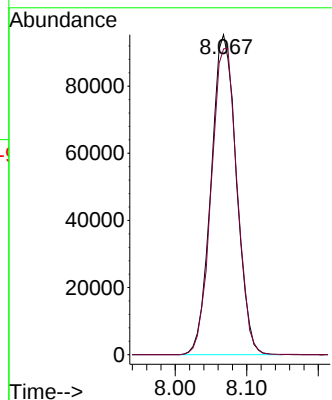
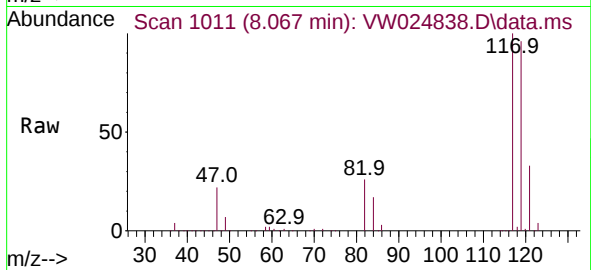




#31
Carbon tetrachloride
Concen: 24.443 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

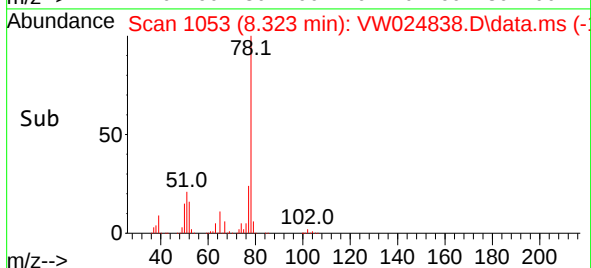
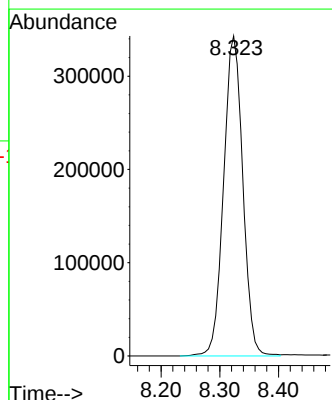
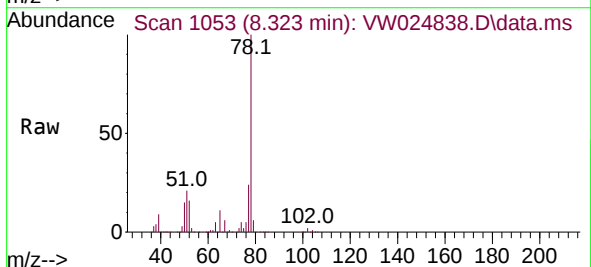
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

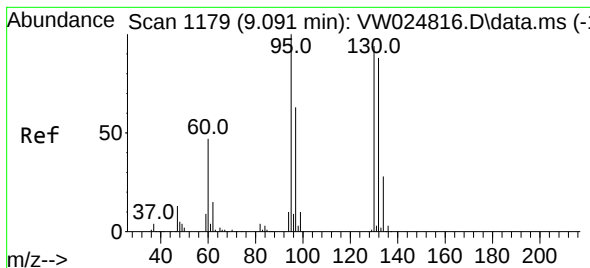
Tgt Ion:117 Resp: 233977
Ion Ratio Lower Upper
117 100
119 97.6 76.2 114.2



#33
Benzene
Concen: 23.813 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

Tgt Ion: 78 Resp: 778590





#34

Trichloroethene

Concen: 23.967 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 09:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025593

Tgt Ion: 95 Resp: 198619

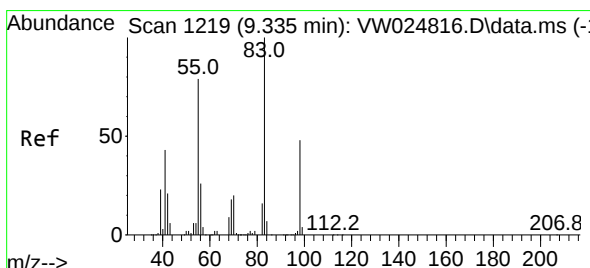
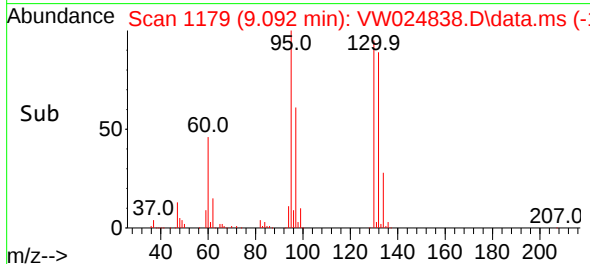
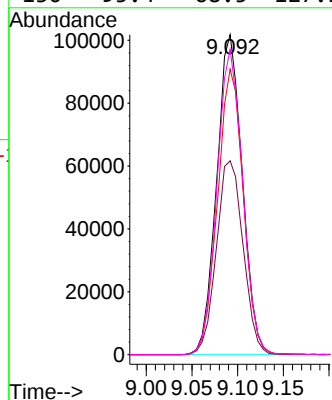
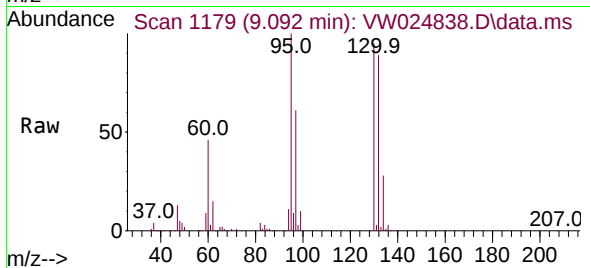
Ion Ratio Lower Upper

95 100

97 60.6 43.5 80.9

132 89.2 61.2 113.8

130 95.4 68.5 127.1



#35

Methylcyclohexane

Concen: 23.234 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 09:48

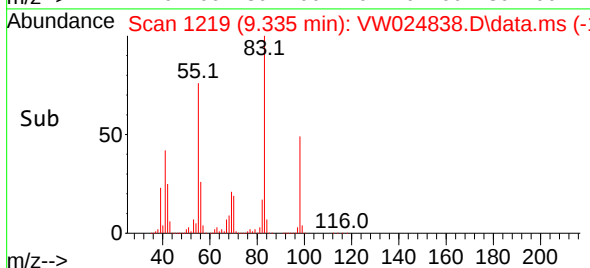
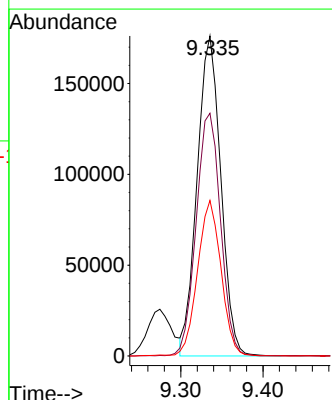
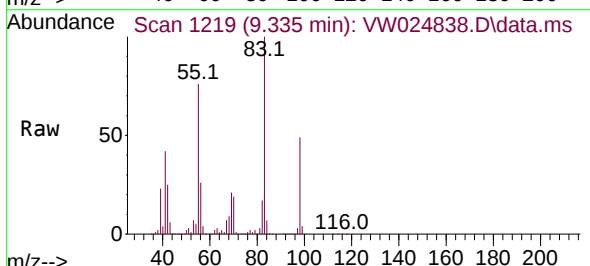
Tgt Ion: 83 Resp: 352960

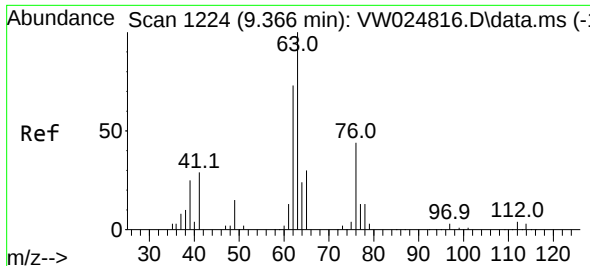
Ion Ratio Lower Upper

83 100

55 78.2 63.1 94.7

98 48.0 38.3 57.5





#37

1,2-Dichloropropane

Concen: 24.370 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 09:48

Instrument :

MSVOA_W

ClientSampleId :

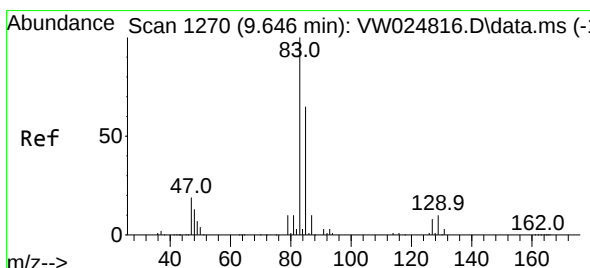
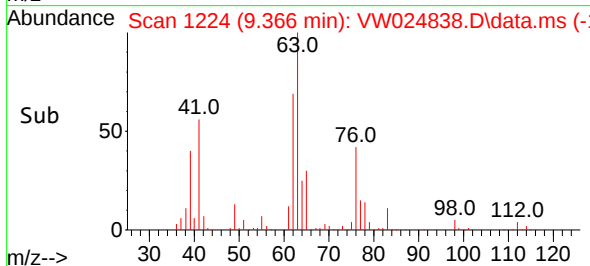
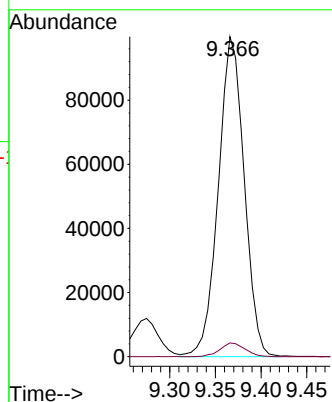
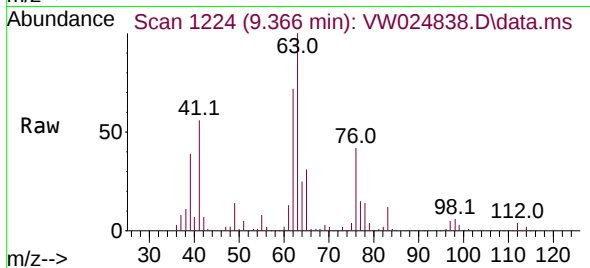
VSTD025593

Tgt Ion: 63 Resp: 196711

Ion Ratio Lower Upper

63 100

112 4.2 3.6 5.4



#38

Bromodichloromethane

Concen: 25.109 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW024838.D

Acq: 11 Oct 2022 09:48

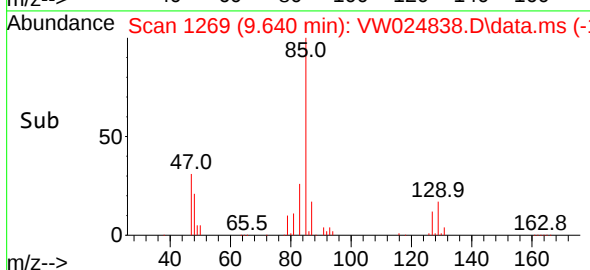
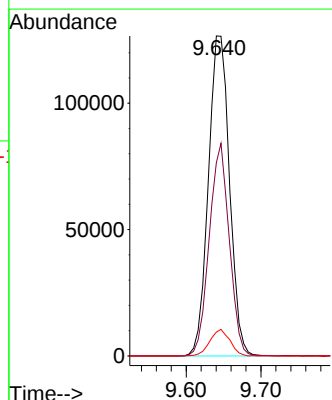
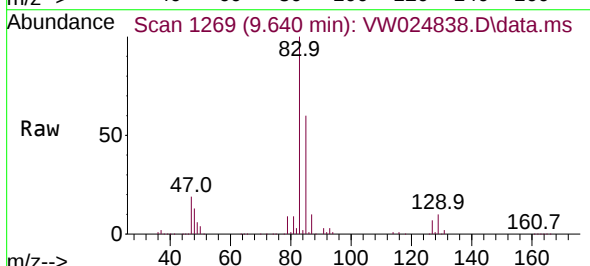
Tgt Ion: 83 Resp: 249306

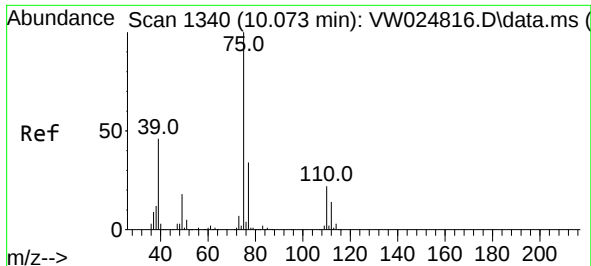
Ion Ratio Lower Upper

83 100

85 60.4 45.6 84.8

127 7.5 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 23.152 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 09:48

Instrument :

MSVOA_W

ClientSampleId :

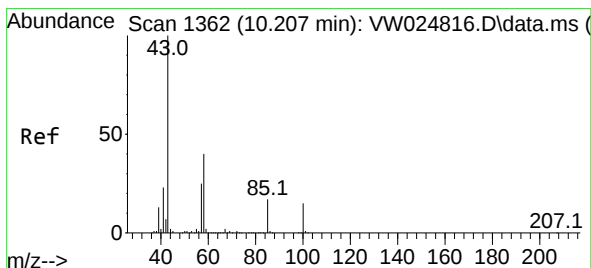
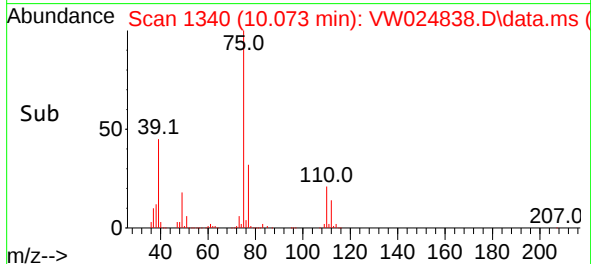
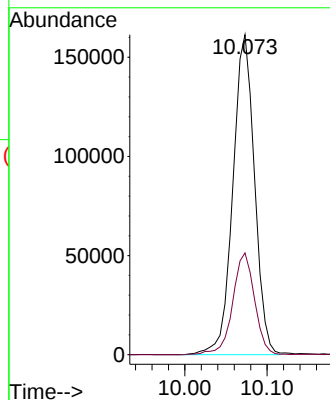
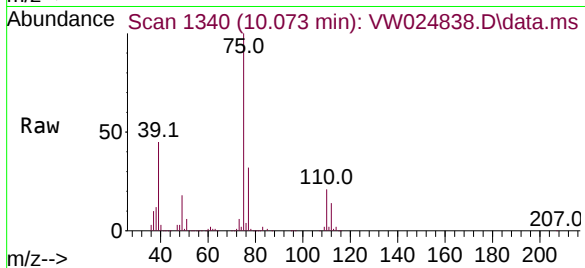
VSTD025593

Tgt Ion: 75 Resp: 295516

Ion Ratio Lower Upper

75 100

77 31.8 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 50.586 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 09:48

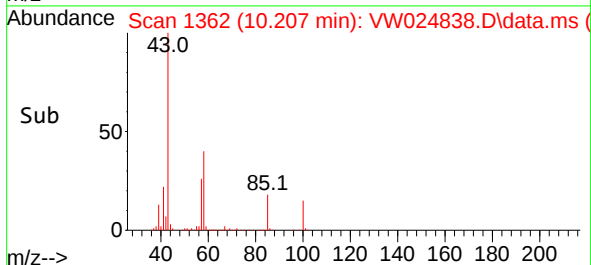
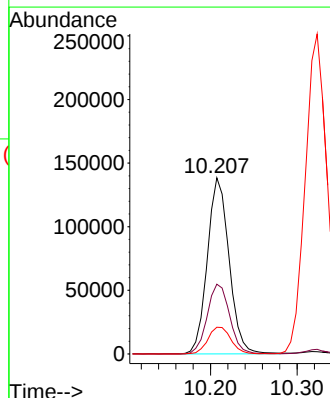
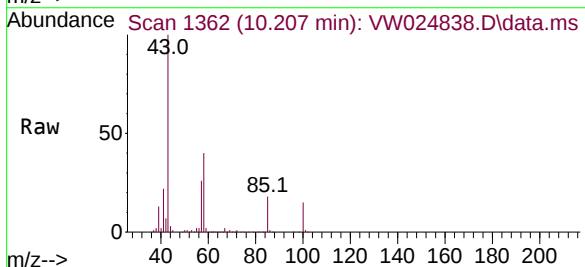
Tgt Ion: 43 Resp: 241689

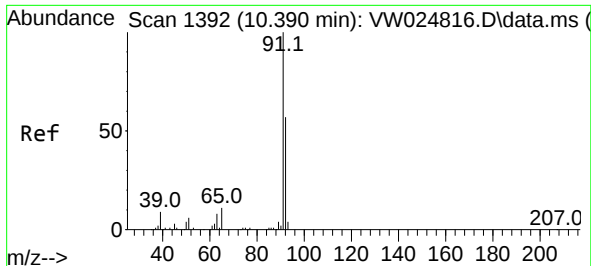
Ion Ratio Lower Upper

43 100

58 40.9 32.9 49.3

100 16.1 12.6 19.0

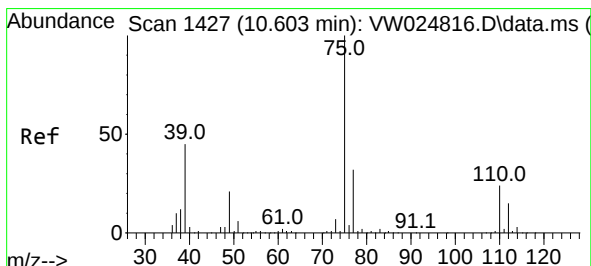
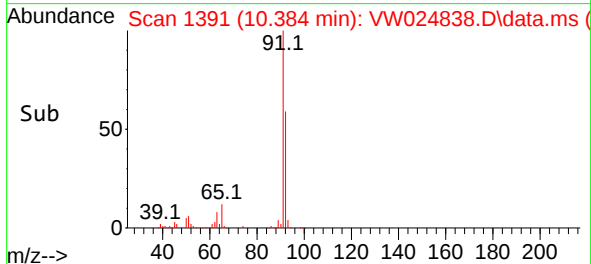
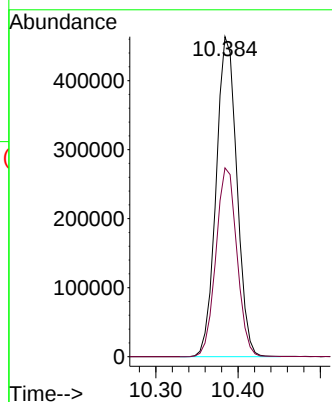
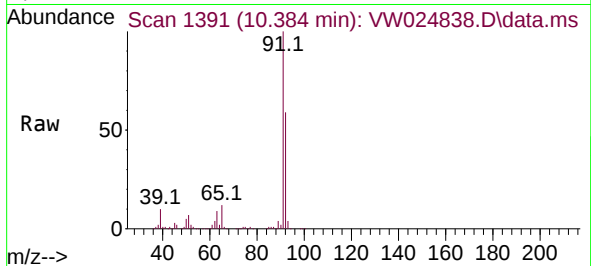




#42
Toluene
Concen: 24.078 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

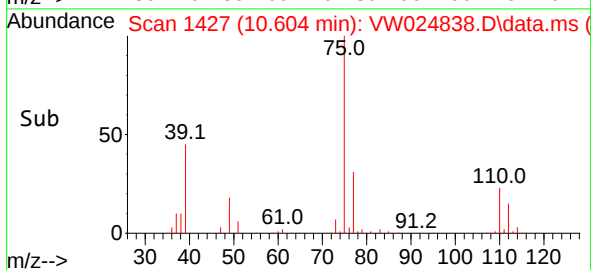
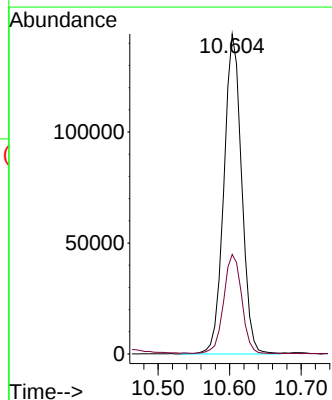
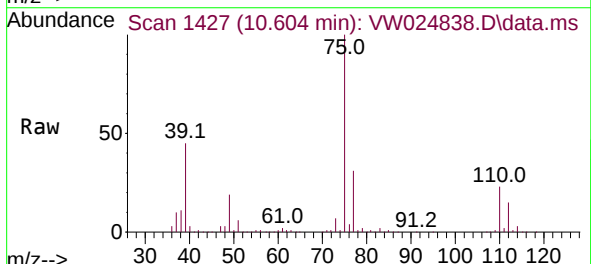
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

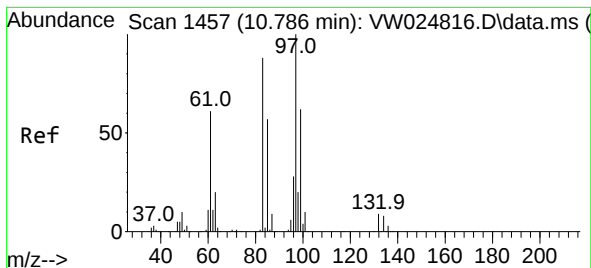
Tgt Ion: 91 Resp: 812967
Ion Ratio Lower Upper
91 100
92 59.0 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 22.704 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

Tgt Ion: 75 Resp: 248467
Ion Ratio Lower Upper
75 100
77 31.1 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 25.554 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 09:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025593

Tgt Ion: 97 Resp: 140890

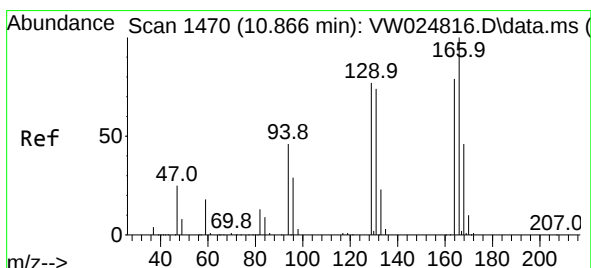
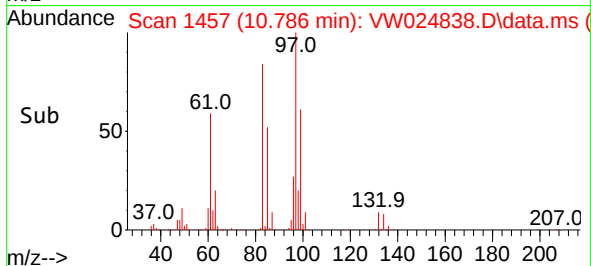
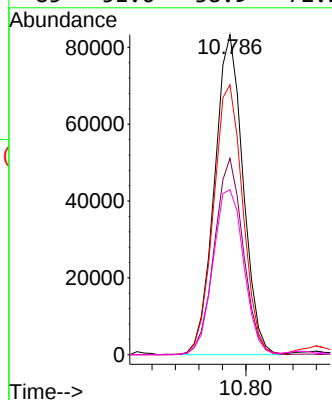
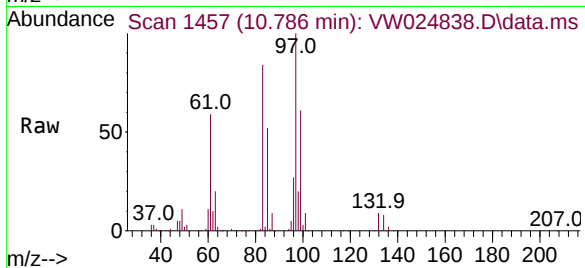
Ion Ratio Lower Upper

97 100

99 61.4 43.8 81.4

83 84.3 60.1 111.5

85 51.6 38.9 72.2



#46

Tetrachloroethene

Concen: 23.910 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW024838.D

Acq: 11 Oct 2022 09:48

Tgt Ion:164 Resp: 134631

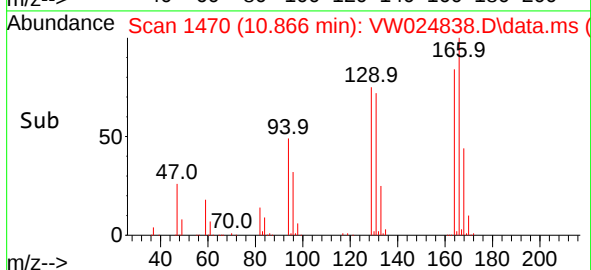
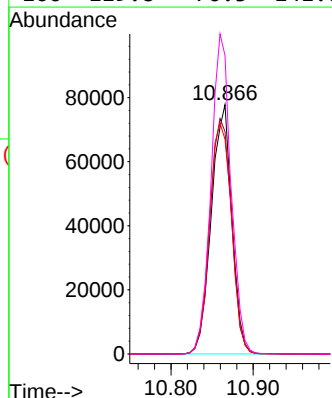
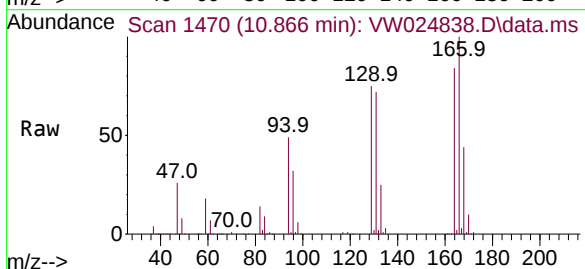
Ion Ratio Lower Upper

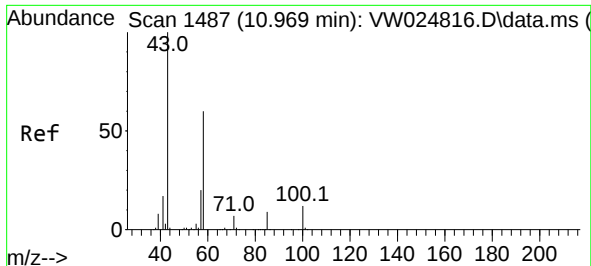
164 100

129 89.2 74.1 137.5

131 86.1 71.5 132.7

166 119.8 76.3 141.7

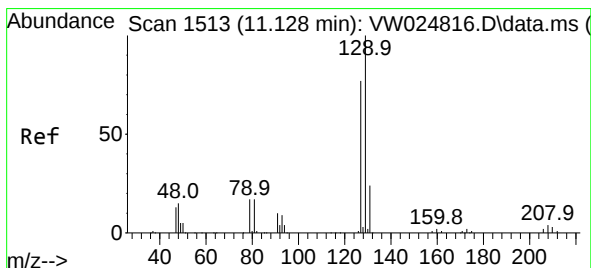
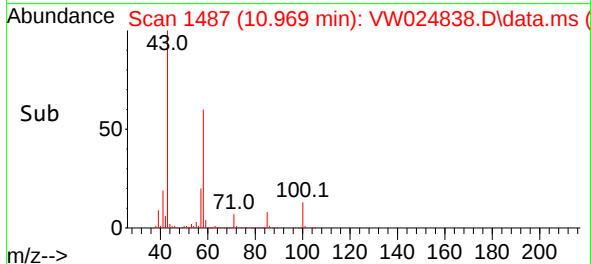
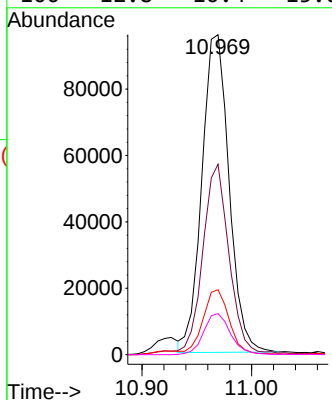
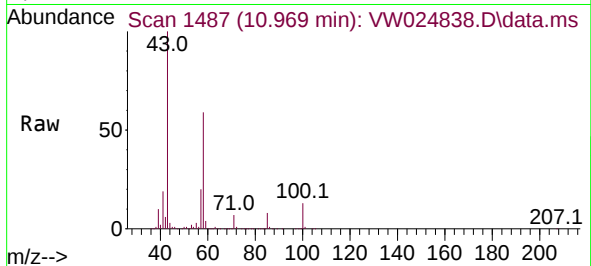




#48
2-Hexanone
Concen: 51.129 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

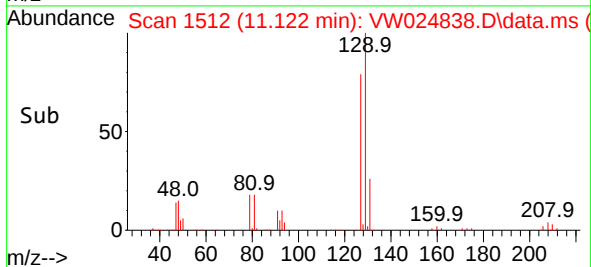
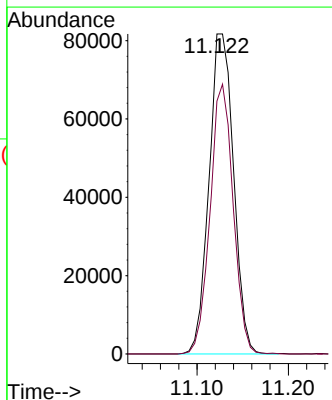
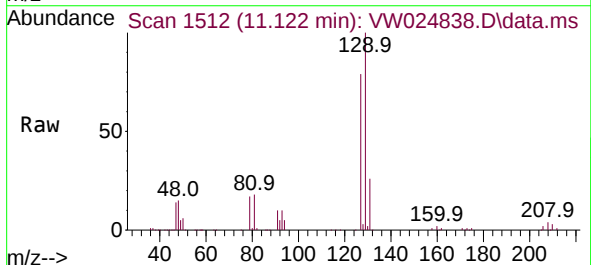
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

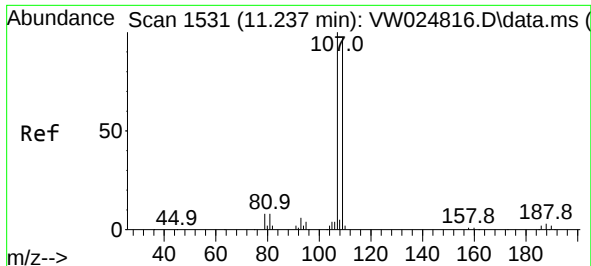
Tgt Ion: 43 Resp: 165184
Ion Ratio Lower Upper
43 100
58 56.2 45.3 67.9
57 19.6 16.3 24.5
100 12.8 10.4 15.6



#49
Dibromochloromethane
Concen: 24.593 ug/L
RT: 11.122 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

Tgt Ion: 129 Resp: 152685
Ion Ratio Lower Upper
129 100
127 79.0 52.4 97.4





#50

1,2-Dibromoethane

Concen: 24.879 ug/L

RT: 11.232 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 09:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025593

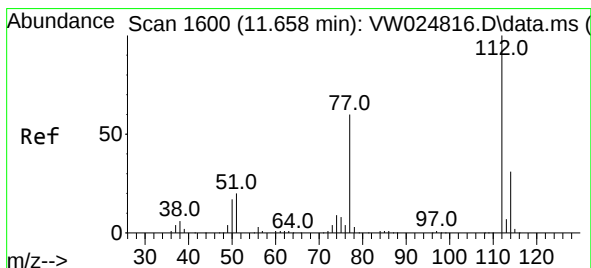
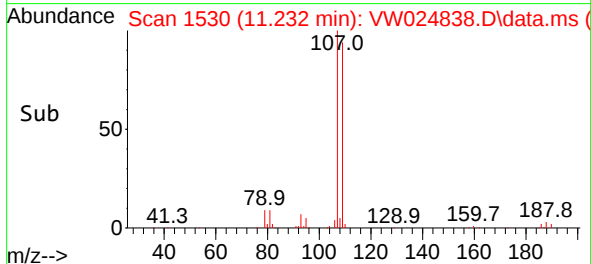
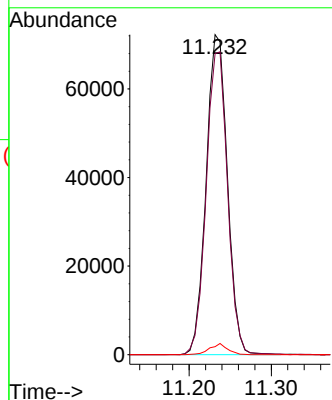
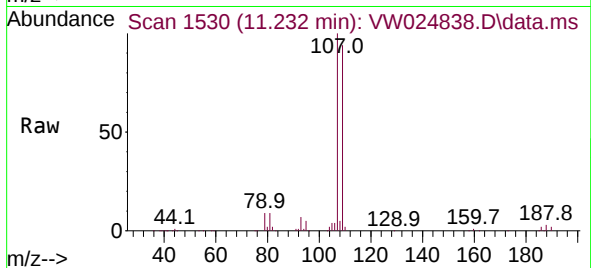
Tgt Ion:107 Resp: 129837

Ion Ratio Lower Upper

107 100

109 94.1 65.5 121.7

188 2.5 2.4 3.6



#51

Chlorobenzene

Concen: 24.399 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 09:48

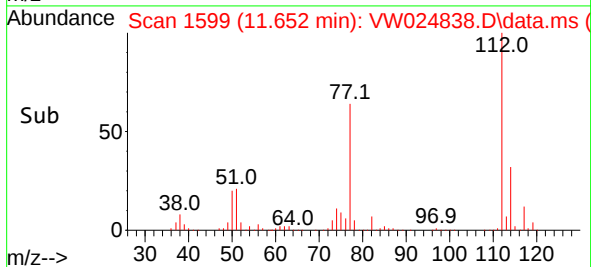
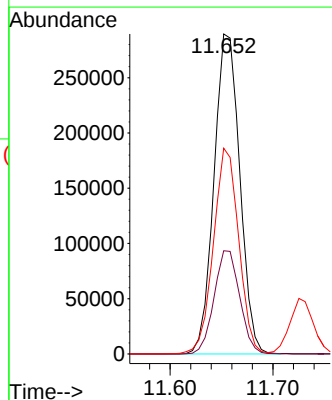
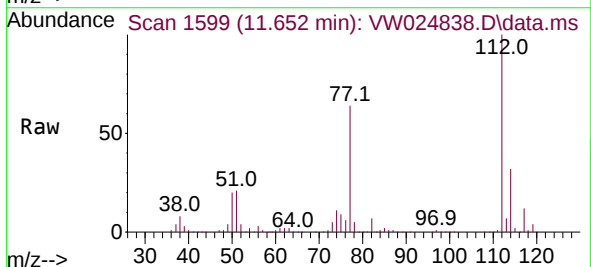
Tgt Ion:112 Resp: 504402

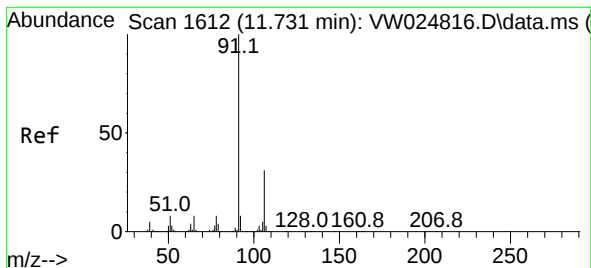
Ion Ratio Lower Upper

112 100

114 32.2 23.3 43.3

77 64.3 49.1 73.7

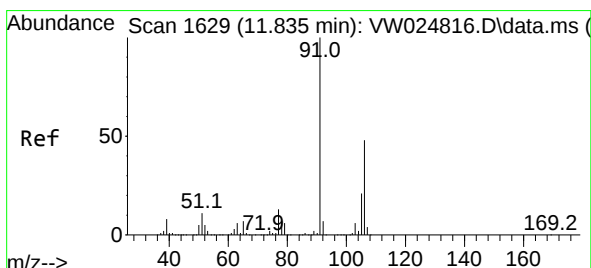
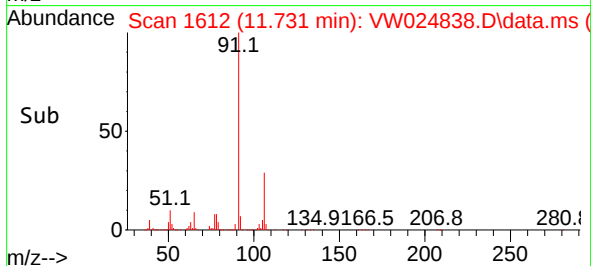
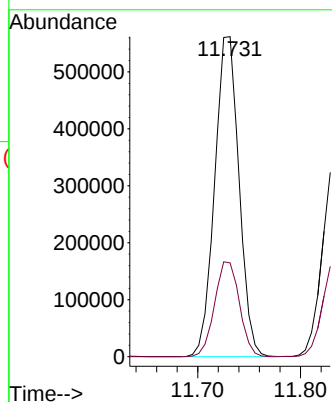
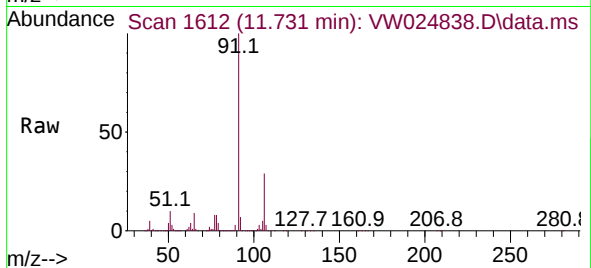




#52
Ethylbenzene
Concen: 24.827 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

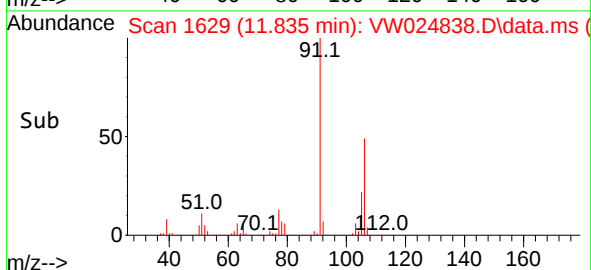
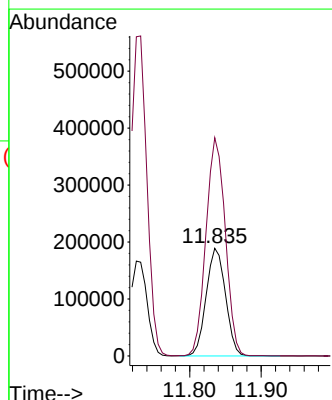
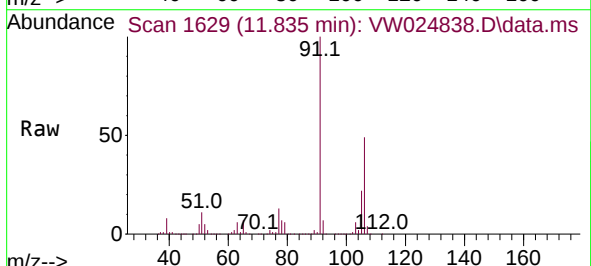
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

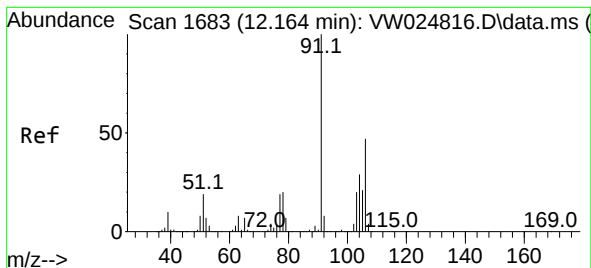
Tgt Ion: 91 Resp: 923318
Ion Ratio Lower Upper
91 100
106 29.3 21.5 39.9



#53
m,p-Xylene
Concen: 24.423 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

Tgt Ion: 106 Resp: 354692
Ion Ratio Lower Upper
106 100
91 202.7 146.8 272.6





#54

o-Xylene

Concen: 23.798 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 09:48

Instrument :

MSVOA_W

ClientSampleId :

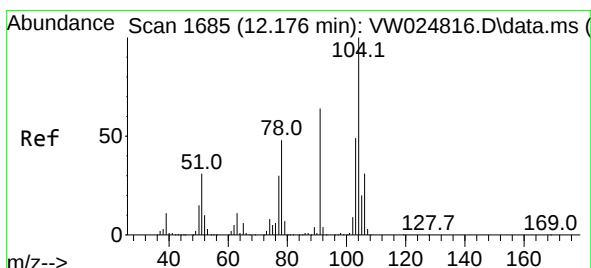
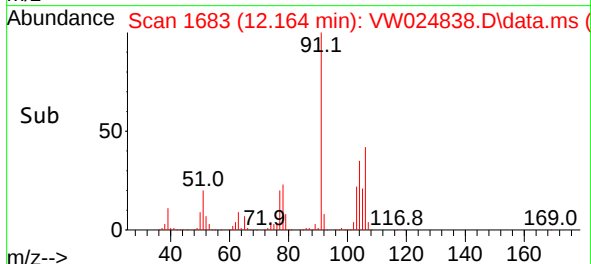
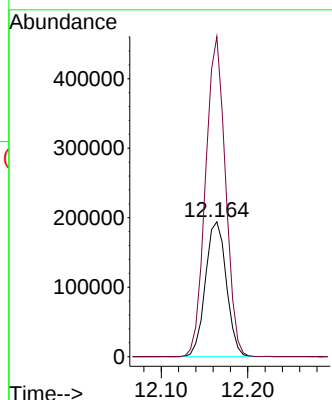
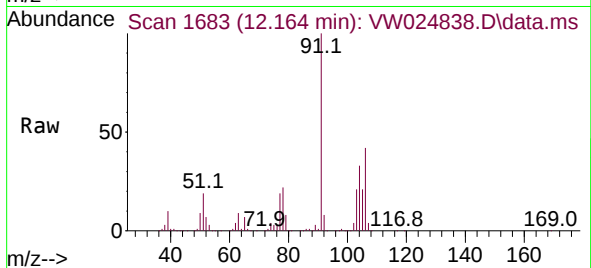
VSTD025593

Tgt Ion:106 Resp: 326372

Ion Ratio Lower Upper

106 100

91 237.1 146.3 271.7



#55

Styrene

Concen: 25.096 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024838.D

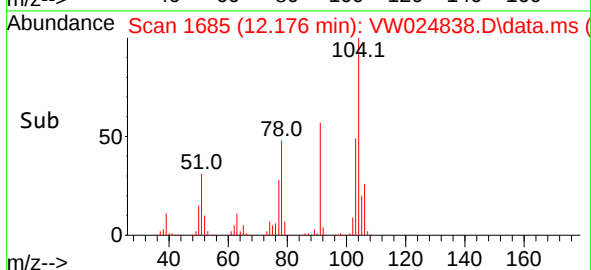
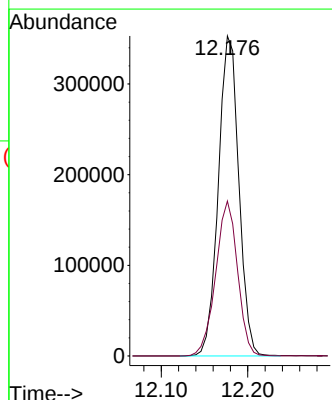
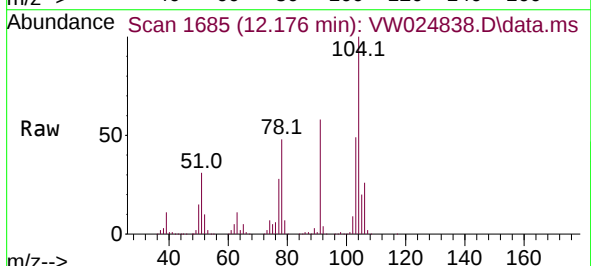
Acq: 11 Oct 2022 09:48

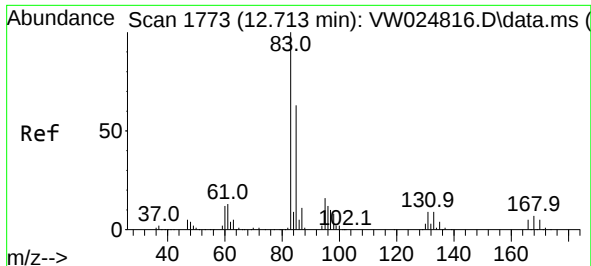
Tgt Ion:104 Resp: 580194

Ion Ratio Lower Upper

104 100

78 48.4 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 26.755 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 09:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025593

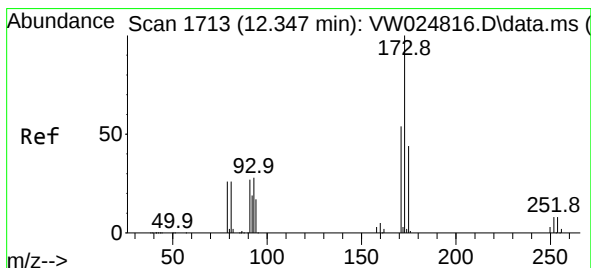
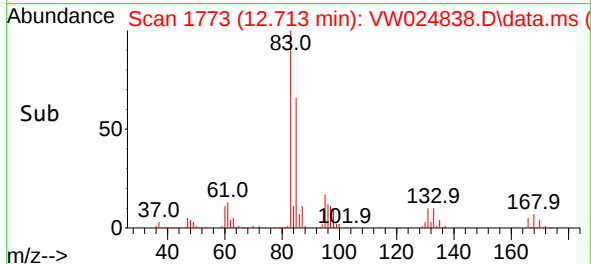
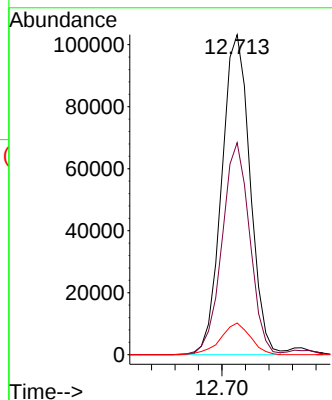
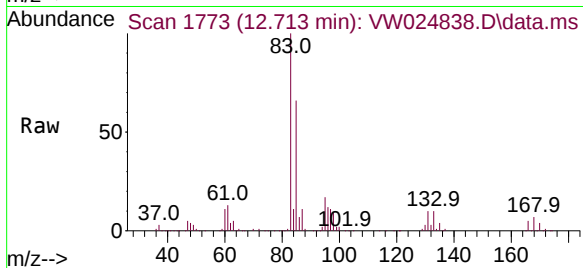
Tgt Ion: 83 Resp: 172716

Ion Ratio Lower Upper

83 100

85 66.2 45.2 84.0

131 9.9 7.3 10.9



#59

Bromoform

Concen: 23.759 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 09:48

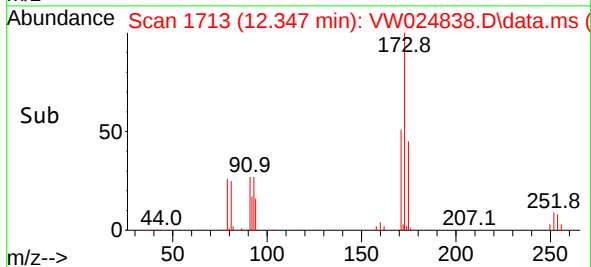
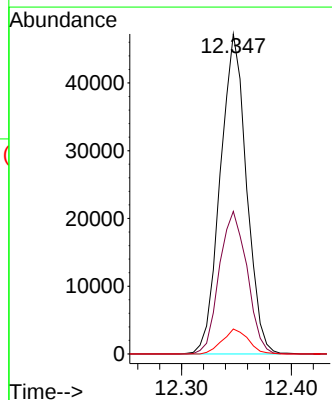
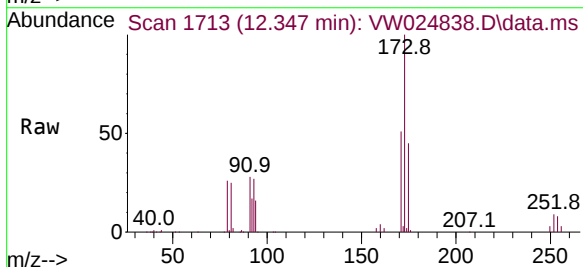
Tgt Ion:173 Resp: 78477

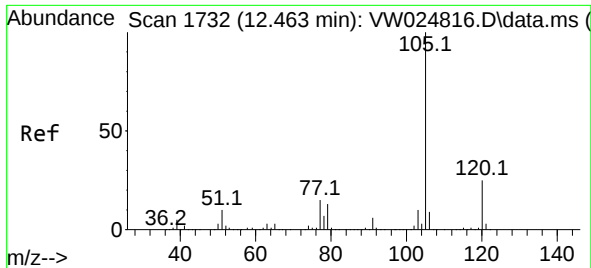
Ion Ratio Lower Upper

173 100

175 47.2 37.7 56.5

254 7.7 6.7 10.1

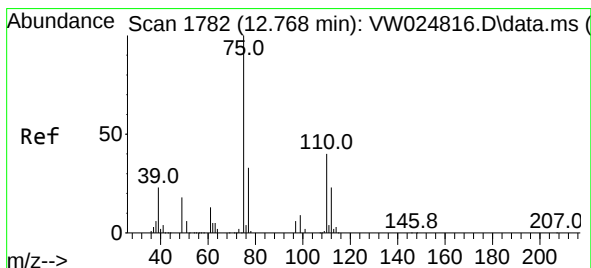
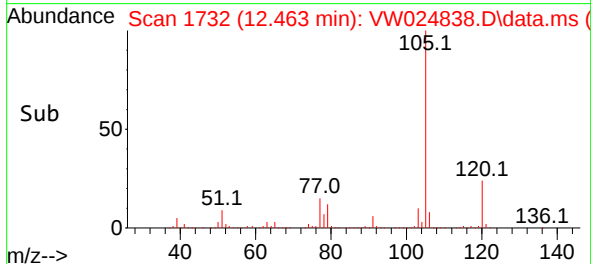
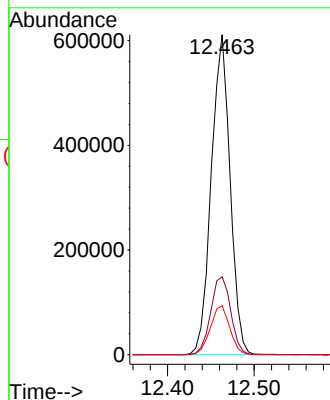
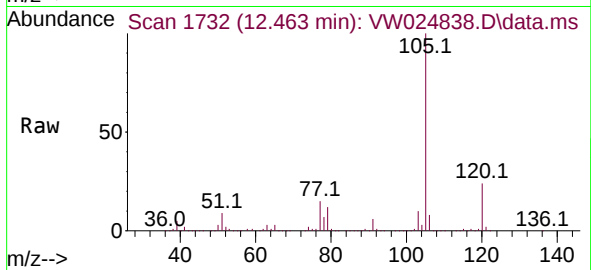




#60
Isopropylbenzene
Concen: 24.200 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

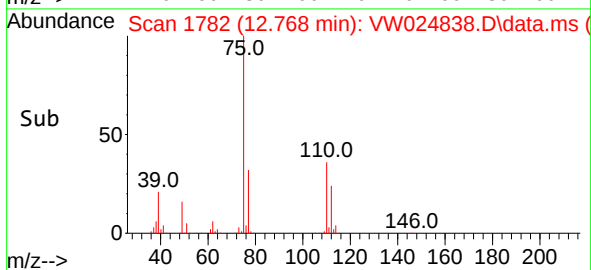
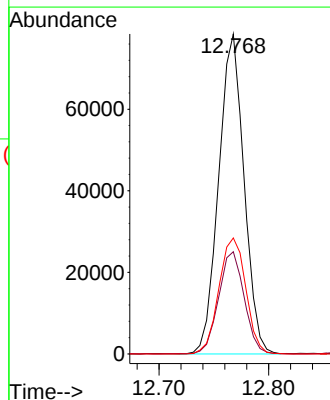
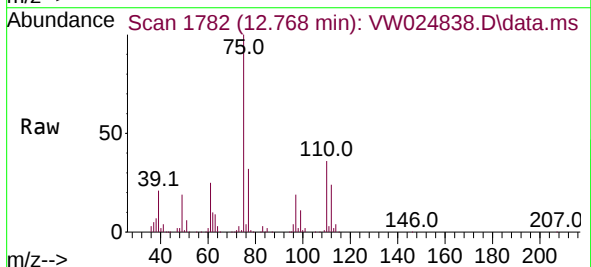
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

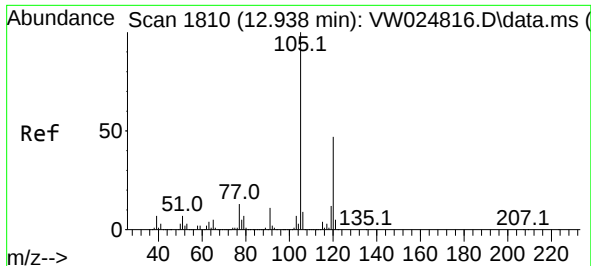
Tgt Ion:105 Resp: 921634
Ion Ratio Lower Upper
105 100
120 25.9 20.9 31.3
77 15.8 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 25.014 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

Tgt Ion: 75 Resp: 125905
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6
110 38.4 29.2 43.8

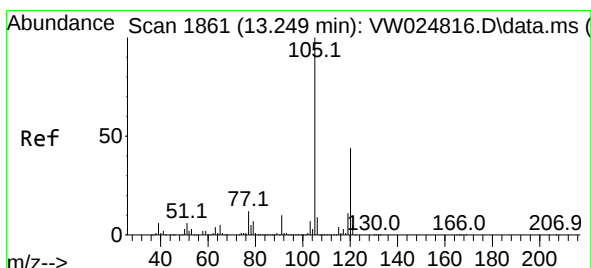
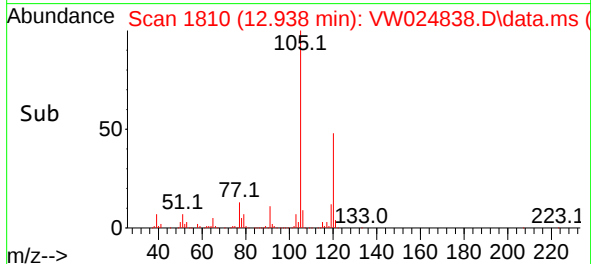
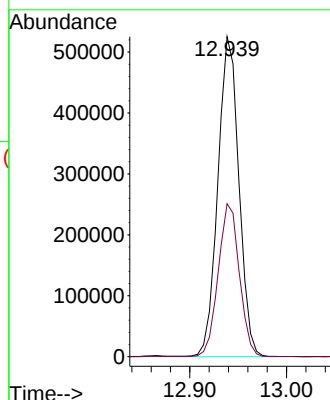
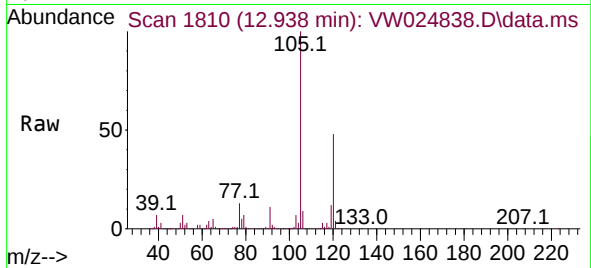




#62
1,3,5-Trimethylbenzene
Concen: 23.952 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

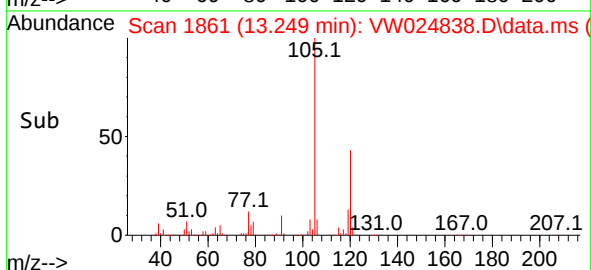
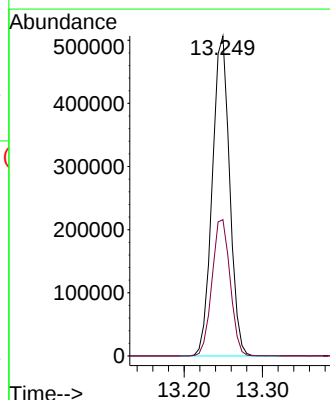
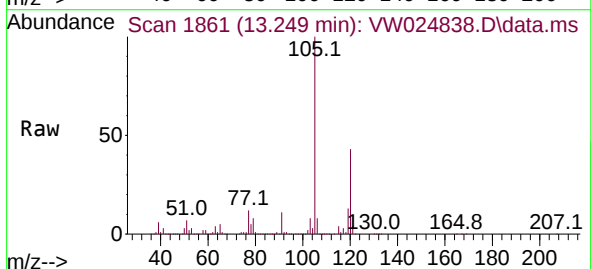
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

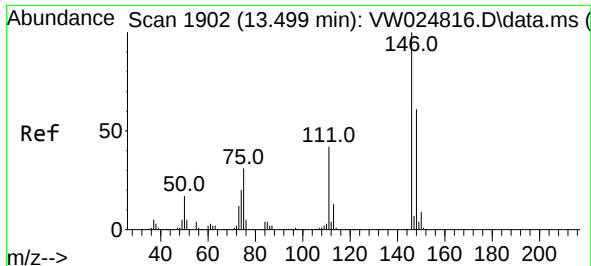
Tgt Ion:105 Resp: 792852
Ion Ratio Lower Upper
105 100
120 47.9 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 24.027 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024838.D
Acq: 11 Oct 2022 09:48

Tgt Ion:105 Resp: 779125
Ion Ratio Lower Upper
105 100
120 44.5 35.2 52.8





#64

1,3-Dichlorobenzene

Concen: 24.260 ug/L

RT: 13.493 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 09:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025593

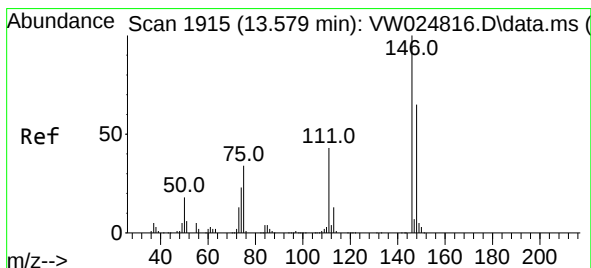
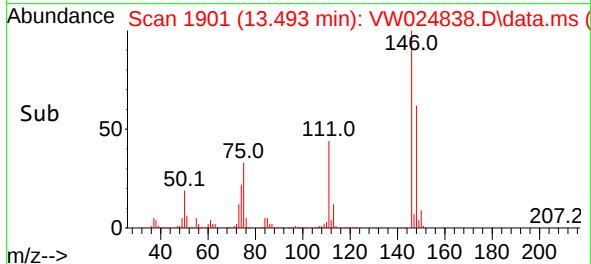
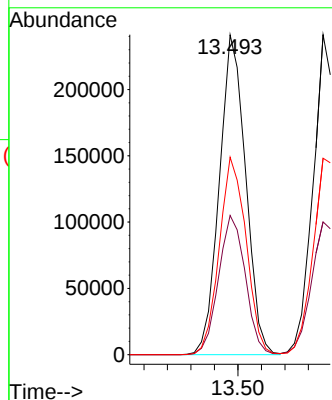
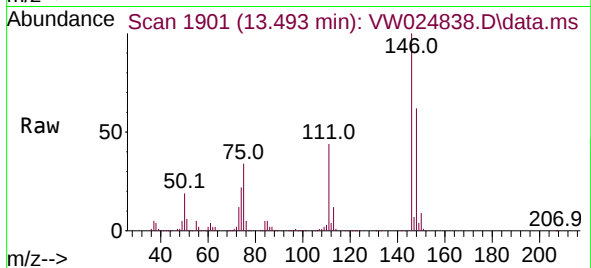
Tgt Ion:146 Resp: 375351

Ion Ratio Lower Upper

146 100

111 43.5 31.6 58.6

148 61.7 38.1 70.9



#65

1,4-Dichlorobenzene

Concen: 24.521 ug/L

RT: 13.573 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VW024838.D

Acq: 11 Oct 2022 09:48

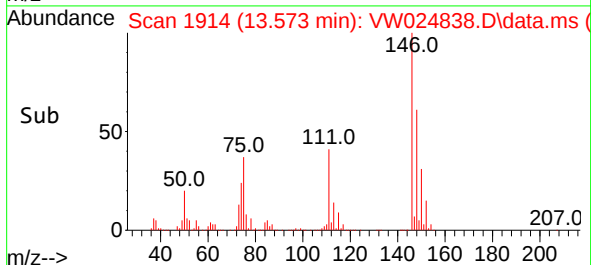
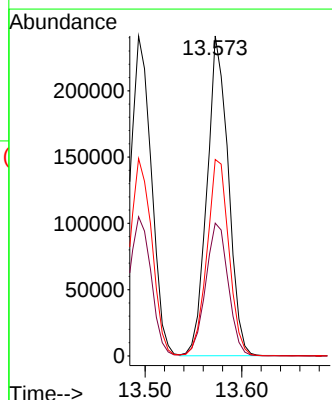
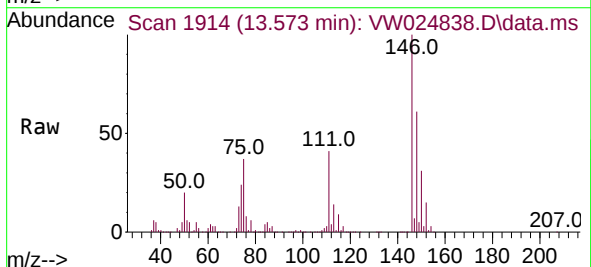
Tgt Ion:146 Resp: 369326

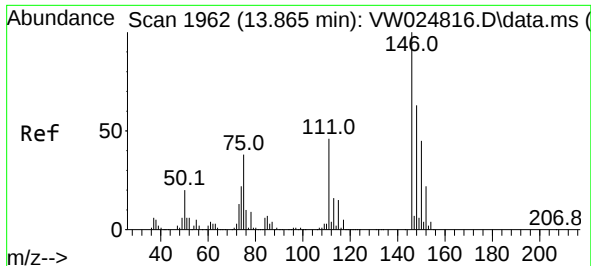
Ion Ratio Lower Upper

146 100

111 41.5 29.4 54.6

148 61.4 39.6 73.6





#67

1,2-Dichlorobenzene

Concen: 24.660 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 09:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025593

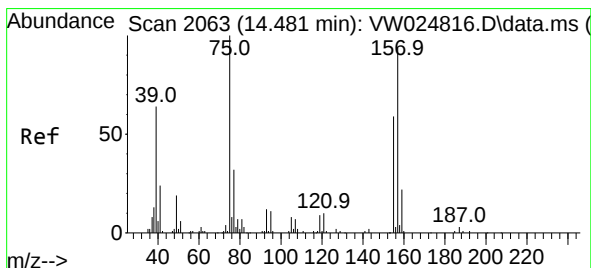
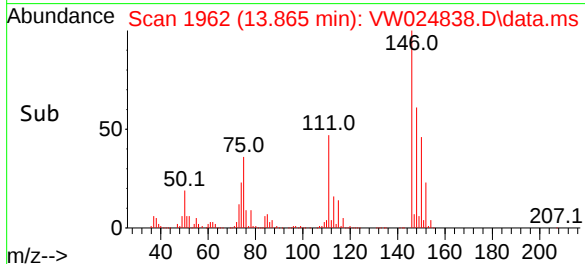
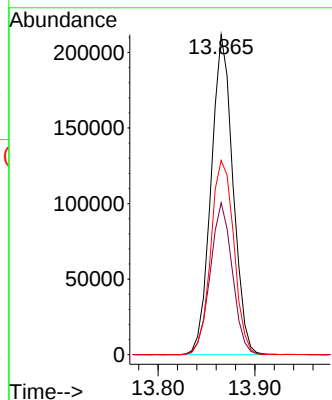
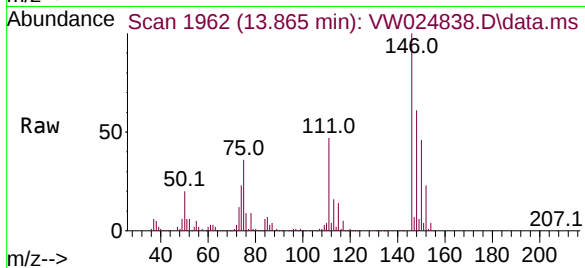
Tgt Ion:146 Resp: 332325

Ion Ratio Lower Upper

146 100

111 47.4 37.2 55.8

148 60.7 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 23.230 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 09:48

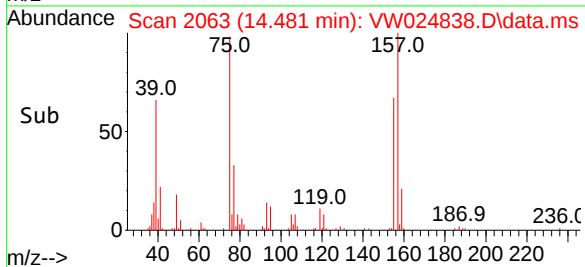
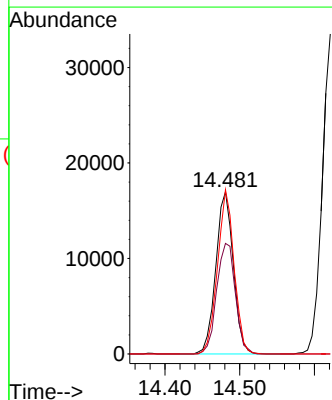
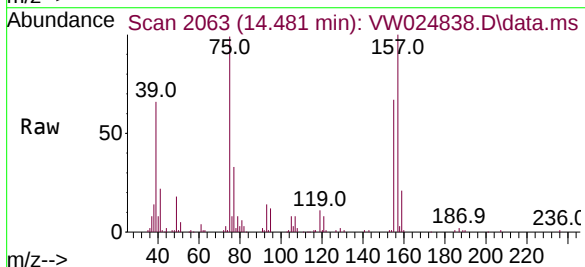
Tgt Ion: 75 Resp: 27651

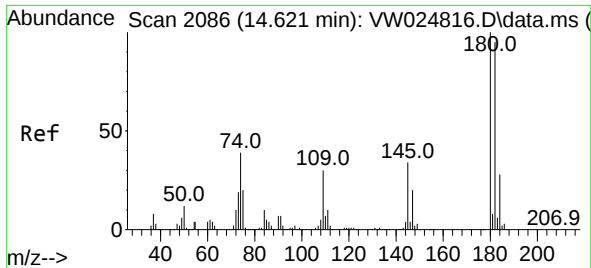
Ion Ratio Lower Upper

75 100

155 68.3 57.6 86.4

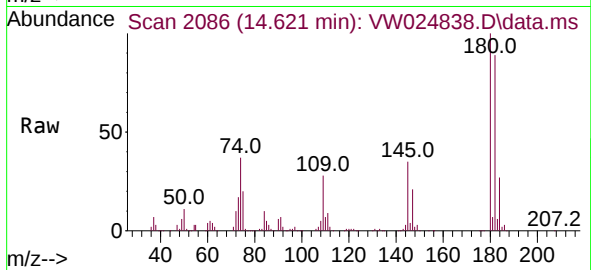
157 101.5 73.0 109.6



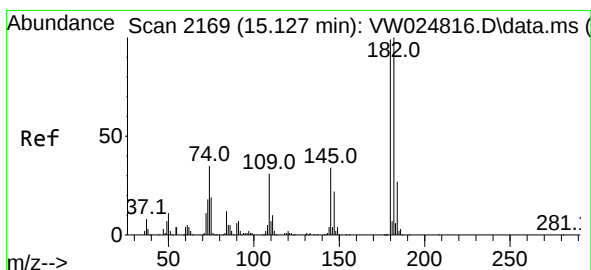
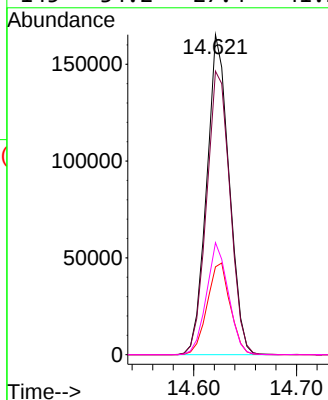
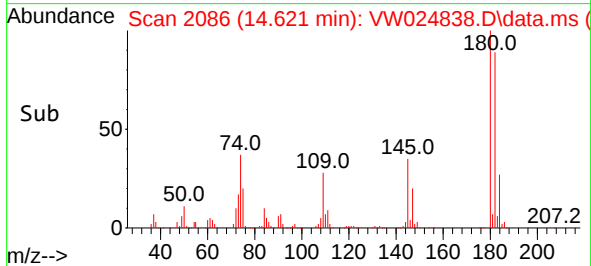


#69
 1,3,5-Trichlorobenzene
 Concen: 24.454 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. 0.000 min
 Lab File: VW024838.D
 Acq: 11 Oct 2022 09:48

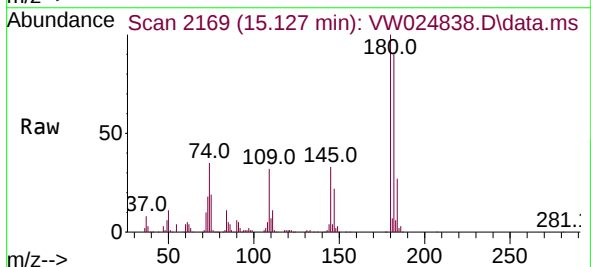
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025593



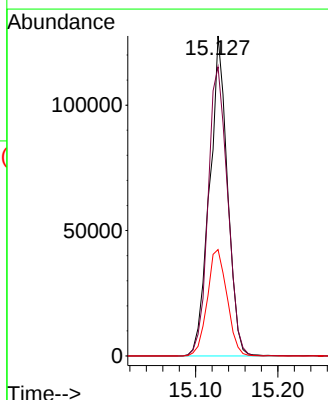
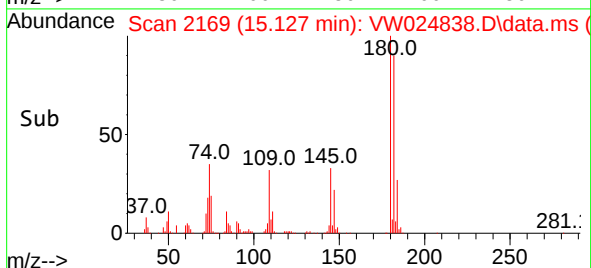
Tgt Ion:180 Resp: 251220
 Ion Ratio Lower Upper
 180 100
 182 92.5 77.1 115.7
 184 29.4 23.3 34.9
 145 34.2 27.4 41.2

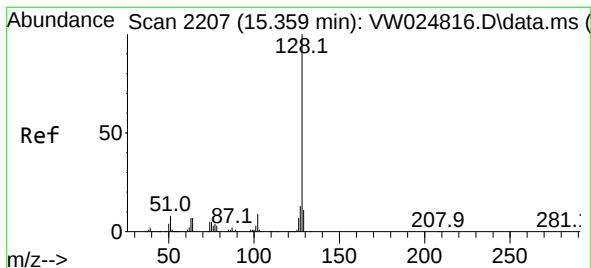


#70
 1,2,4-trichlorobenzene
 Concen: 22.444 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW024838.D
 Acq: 11 Oct 2022 09:48



Tgt Ion:180 Resp: 193705
 Ion Ratio Lower Upper
 180 100
 182 97.9 76.8 115.2
 145 36.5 29.0 43.4





#71

Naphthalene

Concen: 24.014 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 09:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025593

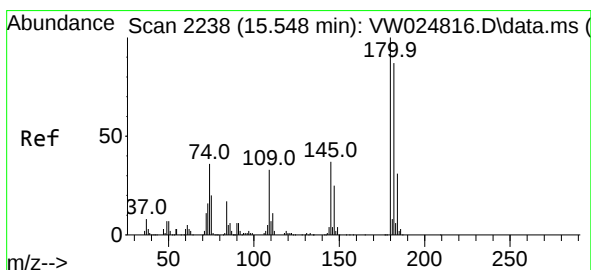
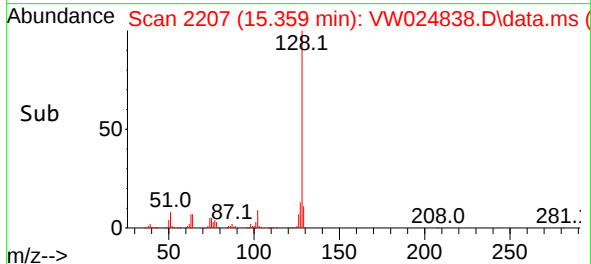
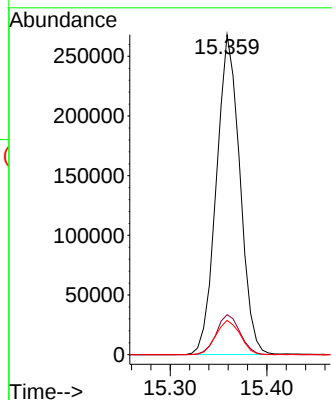
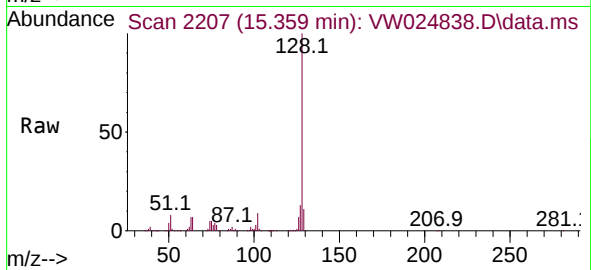
Tgt Ion:128 Resp: 451259

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 11.2 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 23.833 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 09:48

Tgt Ion:180 Resp: 175056

Ion Ratio Lower Upper

180 100

182 90.6 77.4 116.2

145 36.3 30.6 45.8

