

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102422\
 Data File : VW024975.D
 Acq On : 24 Oct 2022 19:32
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 6.39g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025596

Quant Time: Oct 27 02:16:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 02:12:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	466480	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	432350	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	214246	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	115557	20.997	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.000%
7) Chloroethane-d5	2.885	69	57604	17.877	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.520%
11) 1,1-Dichloroethene-d2	4.025	63	261043	21.816	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.280%
21) 2-Butanone-d5	7.080	46	95611	54.831	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.660%
24) Chloroform-d	7.647	84	318126	24.179	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.720%
26) 1,2-Dichloroethane-d4	8.305	65	164068	23.826	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.320%
32) Benzene-d6	8.275	84	632324	23.323	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.280%
36) 1,2-Dichloropropane-d6	9.274	67	200259	24.083	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.320%
41) Toluene-d8	10.323	98	565816	23.252	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	10.579	79	77006	24.417	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.680%
47) 2-Hexanone-d5	10.921	63	76175	54.639	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.280%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	162558	25.067	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.280%
66) 1,2-Dichlorobenzene-d4	13.847	152	189486	24.202	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	40292	19.306	ug/L	94
3) Chloromethane	2.215	50	110697	22.773	ug/L	99
5) Vinyl chloride	2.361	62	158660	23.925	ug/L	98
6) Bromomethane	2.782	94	68245	21.188	ug/L	94
8) Chloroethane	2.922	64	51869	18.771	ug/L	99
9) Trichlorofluoromethane	3.257	101	80449	24.525	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	146986	22.007	ug/L	96
12) 1,1-Dichloroethene	4.044	96	146503	23.181	ug/L	93
13) Acetone	4.123	43	54891	44.985	ug/L	98
14) Carbon disulfide	4.391	76	460373	22.302	ug/L	100
15) Methyl Acetate	4.672	43	69379	23.363	ug/L	99
16) Methylene chloride	4.915	84	178120	21.626	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	157318	22.868	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	245621	24.027	ug/L	99
19) 1,1-Dichloroethane	6.214	63	292606	22.991	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	172016	23.137	ug/L	99
22) 2-Butanone	7.171	43	90758	44.585	ug/L	98
23) Bromochloromethane	7.513	128	73016	24.010	ug/L	98
25) Chloroform	7.677	83	291358	23.323	ug/L	99

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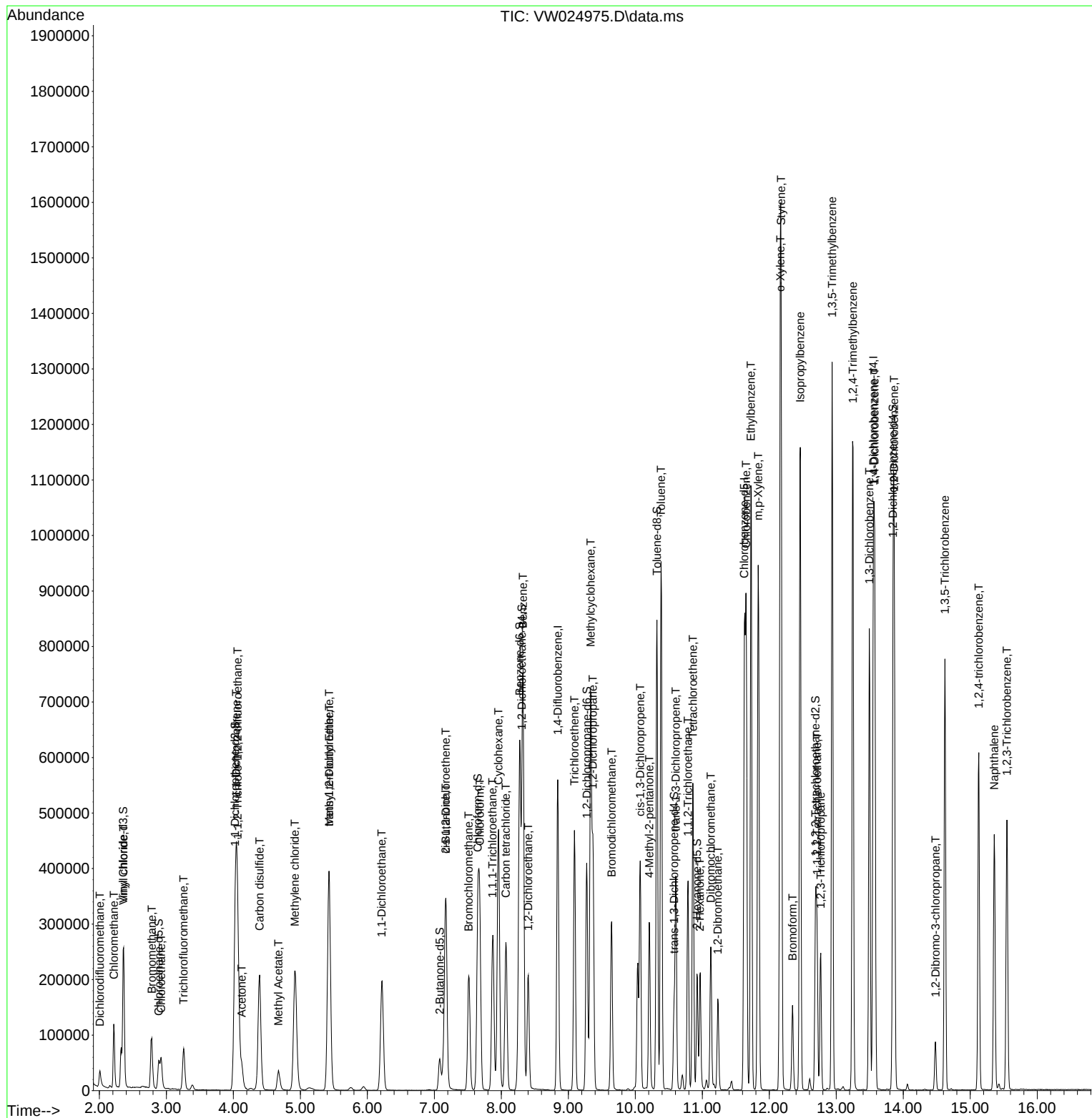
Quant Time: Oct 27 02:16:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 02:12:22 2022
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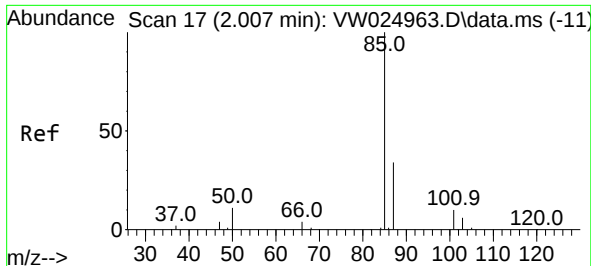
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	185083	22.912	ug/L	99
29) Cyclohexane	7.958	56	280600	22.347	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	230214	23.153	ug/L	99
31) Carbon tetrachloride	8.067	117	202859	23.237	ug/L	98
33) Benzene	8.323	78	665614	22.629	ug/L	100
34) Trichloroethene	9.092	95	168404	22.734	ug/L	96
35) Methylcyclohexane	9.335	83	294610	22.099	ug/L	98
37) 1,2-Dichloropropane	9.366	63	169219	23.085	ug/L	100
38) Bromodichloromethane	9.646	83	208891	23.064	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	252837	23.863	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	198921	45.913	ug/L	100
42) Toluene	10.384	91	693629	23.000	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	210440	23.922	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	119352	23.310	ug/L	97
46) Tetrachloroethene	10.860	164	115646	22.961	ug/L	90
48) 2-Hexanone	10.963	43	137131	46.682	ug/L	97
49) Dibromochloromethane	11.128	129	133924	23.628	ug/L	99
50) 1,2-Dibromoethane	11.231	107	111733	23.164	ug/L	98
51) Chlorobenzene	11.652	112	439495	23.187	ug/L	99
52) Ethylbenzene	11.725	91	782185	23.162	ug/L	98
53) m,p-Xylene	11.835	106	297799	23.211	ug/L	98
54) o-Xylene	12.164	106	290328	23.766	ug/L	99
55) Styrene	12.176	104	495430	23.645	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	145013	23.214	ug/L	100
59) Bromoform	12.347	173	68265	23.812	ug/L #	98
60) Isopropylbenzene	12.463	105	775249	22.432	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	105081	22.306	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	676633	22.804	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	669269	23.394	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	323180	22.962	ug/L	99
65) 1,4-Dichlorobenzene	13.572	146	322053	22.605	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	296031	23.663	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	23193	22.651	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	220587	24.004	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	177261	23.775	ug/L	97
71) Naphthalene	15.359	128	390524	24.174	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	150143	23.593	ug/L	100

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

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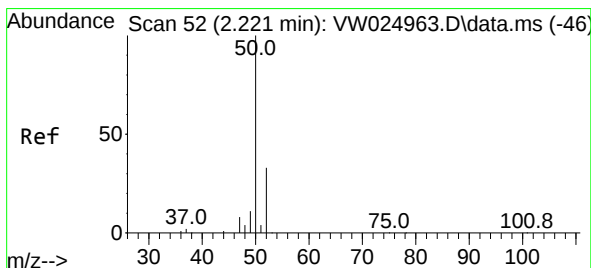
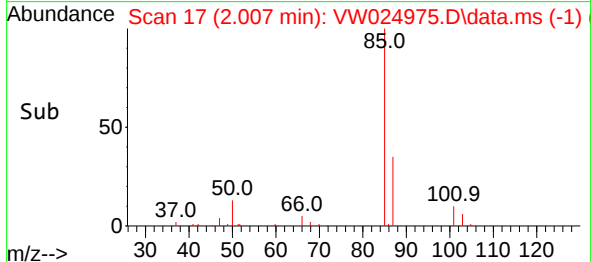
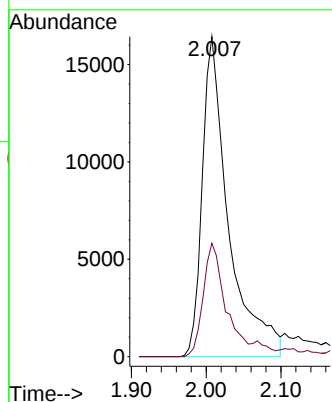
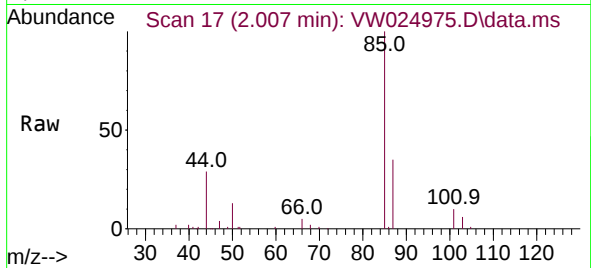




#2
 Dichlorodifluoromethane
 Concen: 19.306 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW024975.D
 Acq: 24 Oct 2022 19:32

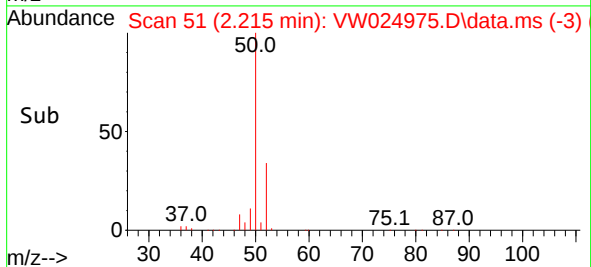
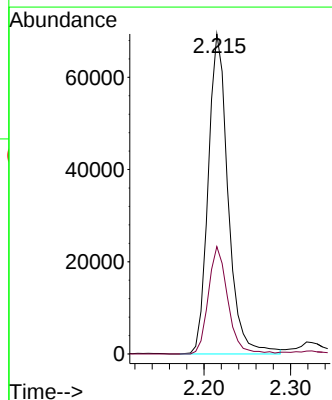
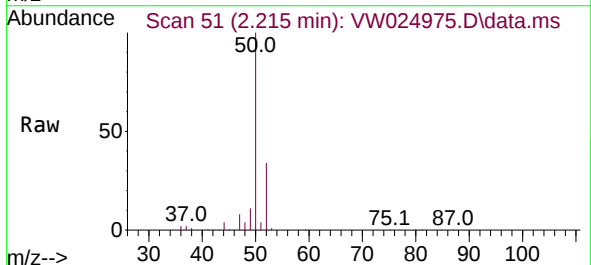
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025596

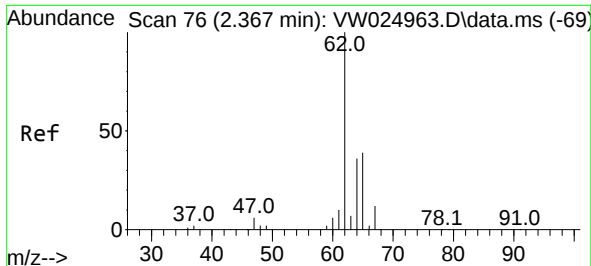
Tgt Ion: 85 Resp: 40292
 Ion Ratio Lower Upper
 85 100
 87 30.1 26.8 40.2



#3
 Chloromethane
 Concen: 22.773 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW024975.D
 Acq: 24 Oct 2022 19:32

Tgt Ion: 50 Resp: 110697
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.1 42.9

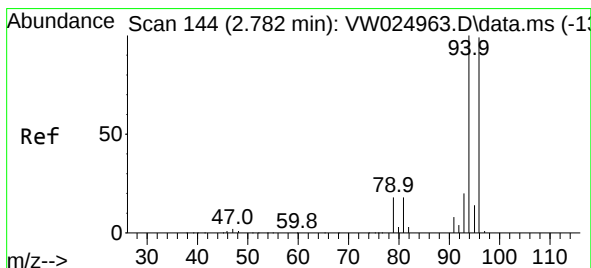
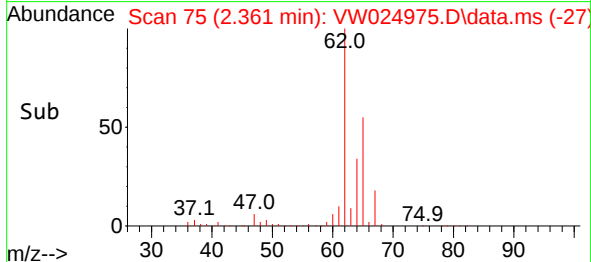
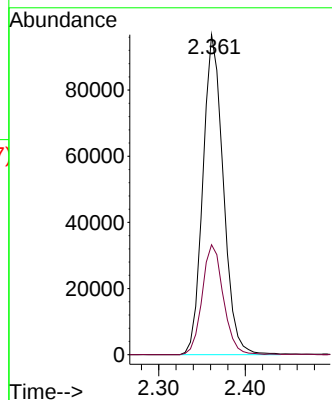
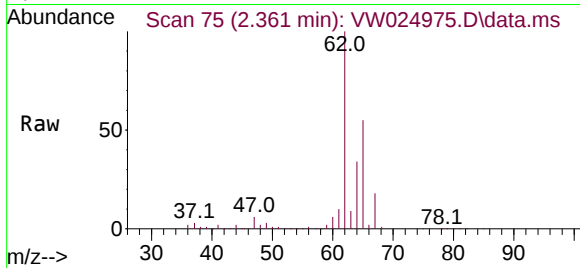




#5
 Vinyl chloride
 Concen: 23.925 ug/L
 RT: 2.361 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW024975.D
 Acq: 24 Oct 2022 19:32

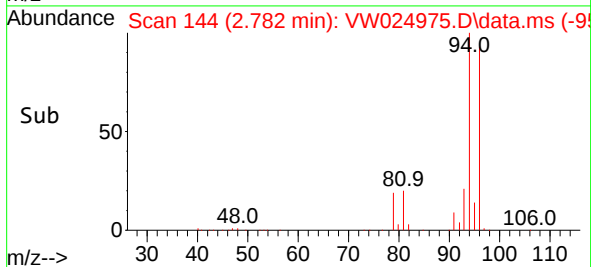
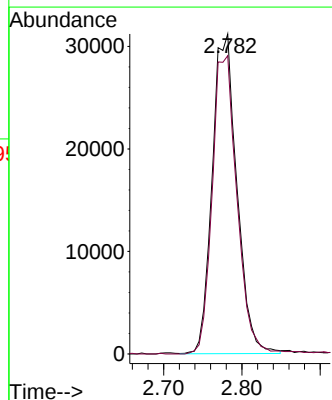
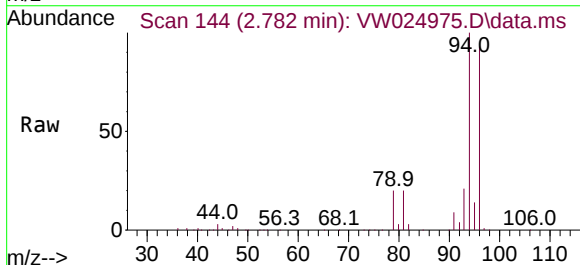
Instrument :
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 ClientSampleId :
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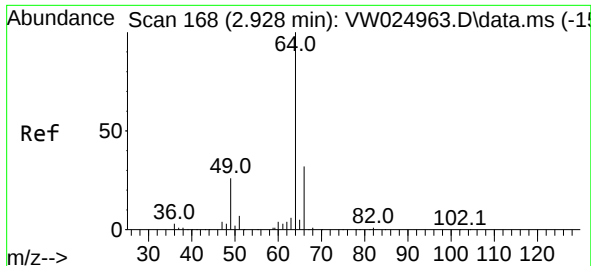
Tgt Ion: 62 Resp: 158660
 Ion Ratio Lower Upper
 62 100
 64 34.4 24.7 45.9



#6
 Bromomethane
 Concen: 21.188 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW024975.D
 Acq: 24 Oct 2022 19:32

Tgt Ion: 94 Resp: 68245
 Ion Ratio Lower Upper
 94 100
 96 93.2 61.4 114.0

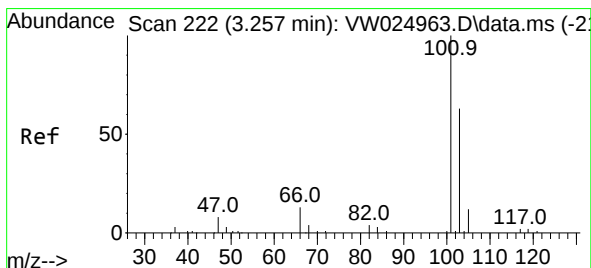
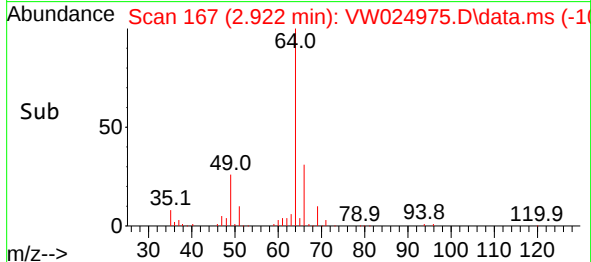
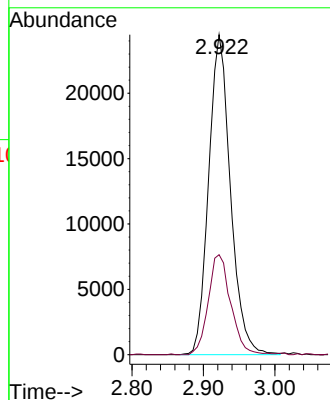
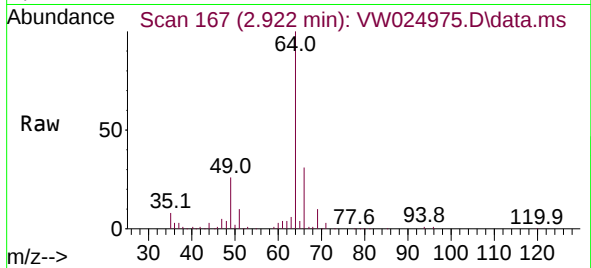




#8
Chloroethane
Concen: 18.771 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

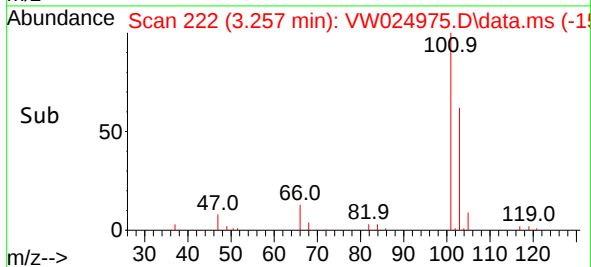
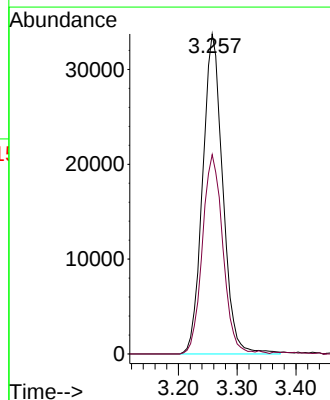
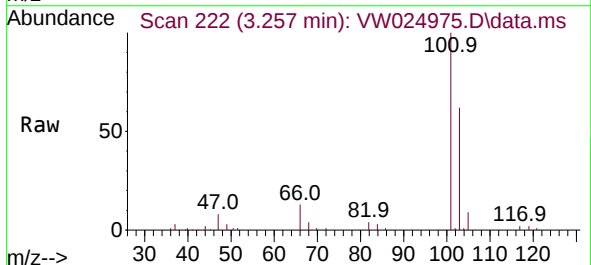
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

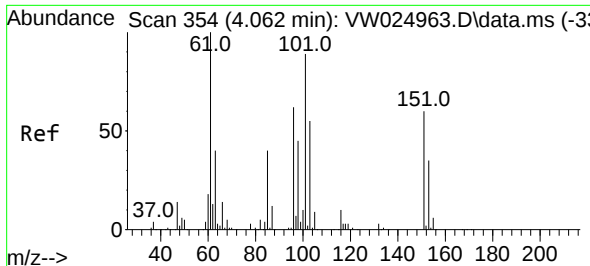
Tgt Ion: 64 Resp: 51869
Ion Ratio Lower Upper
64 100
66 31.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 24.525 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

Tgt Ion:101 Resp: 80449
Ion Ratio Lower Upper
101 100
103 63.1 52.9 79.3

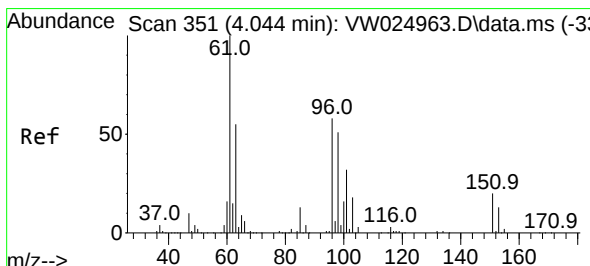
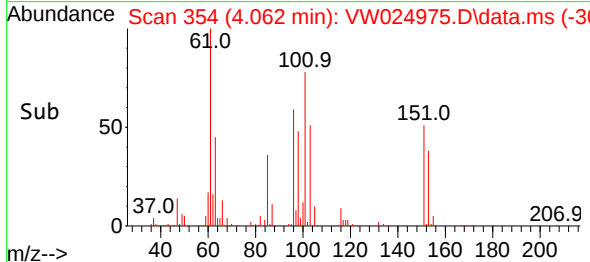
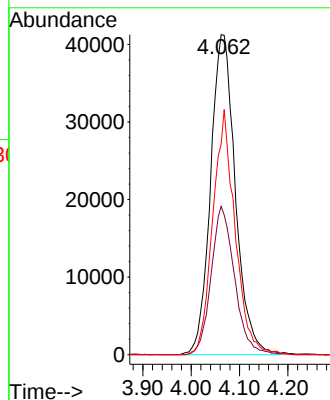
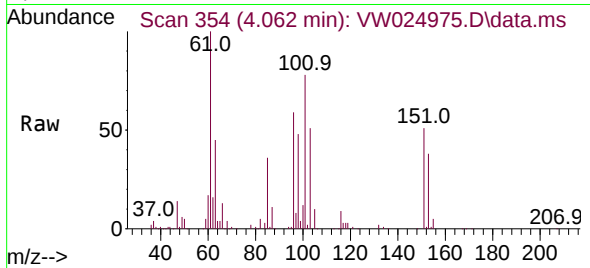




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.007 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW024975.D
 Acq: 24 Oct 2022 19:32

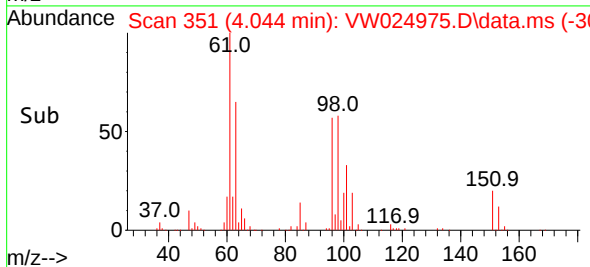
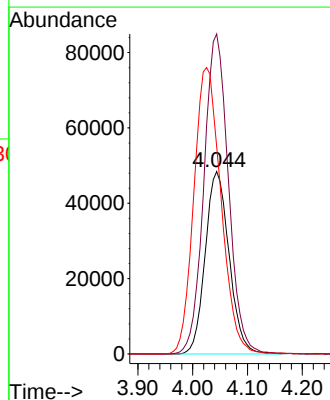
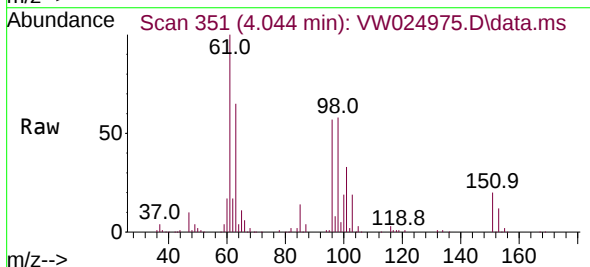
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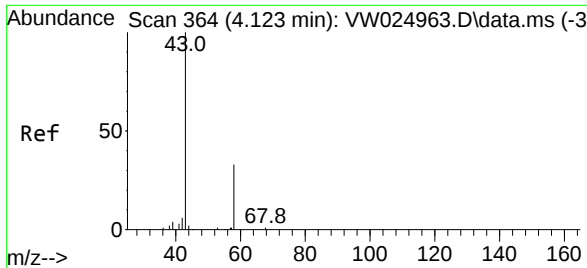
Tgt Ion:101 Resp: 146986
 Ion Ratio Lower Upper
 101 100
 85 43.7 33.6 50.4
 151 68.3 52.0 78.0



#12
 1,1-Dichloroethene
 Concen: 23.181 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW024975.D
 Acq: 24 Oct 2022 19:32

Tgt Ion: 96 Resp: 146503
 Ion Ratio Lower Upper
 96 100
 61 175.4 122.4 227.2
 63 113.7 92.1 171.1

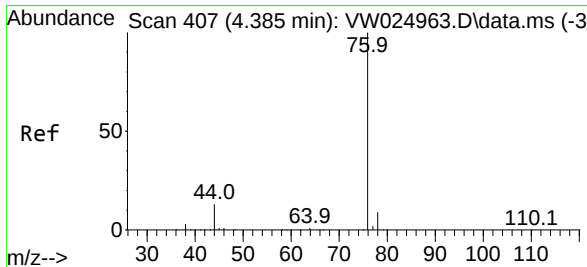
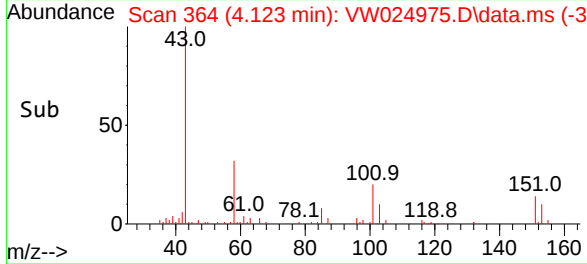
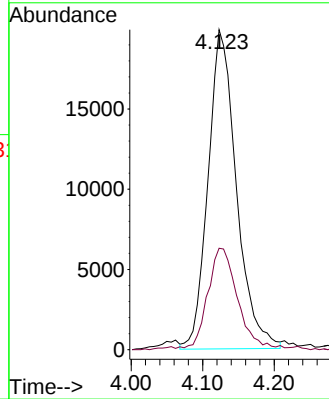
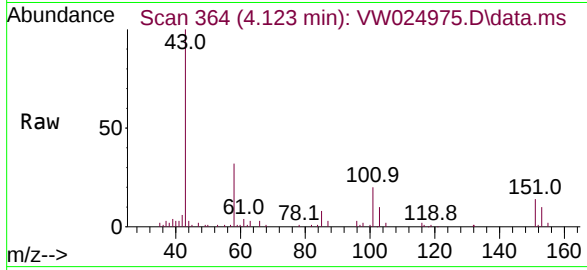




#13
Acetone
Concen: 44.985 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

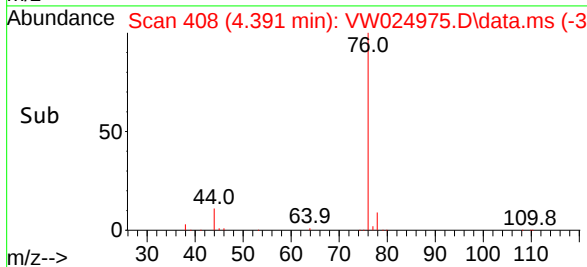
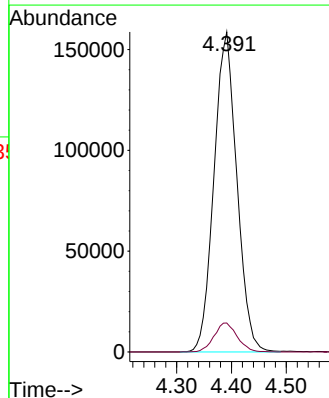
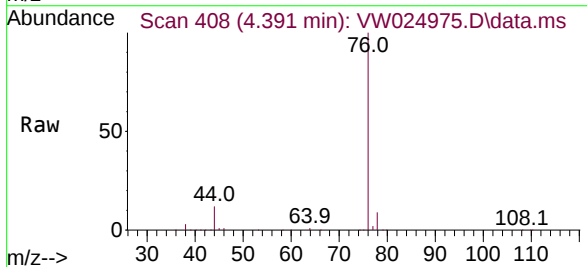
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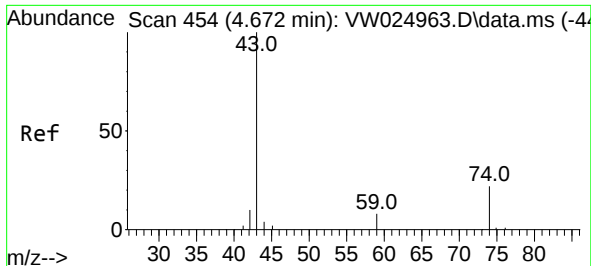
Tgt Ion: 43 Resp: 54891
Ion Ratio Lower Upper
43 100
58 33.3 0.0 64.2



#14
Carbon disulfide
Concen: 22.302 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

Tgt Ion: 76 Resp: 460373
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

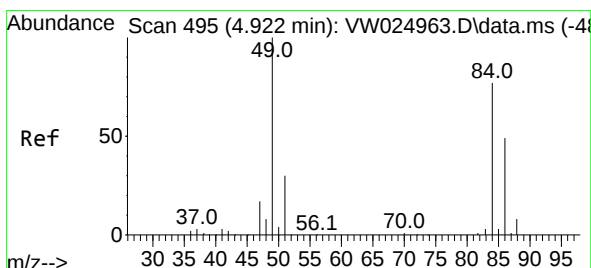
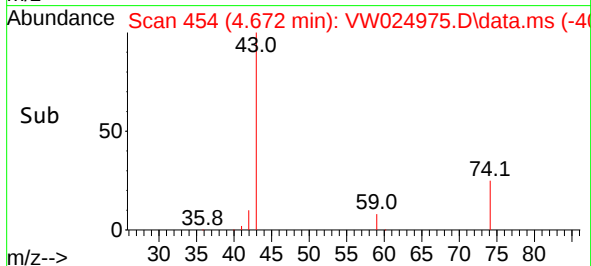
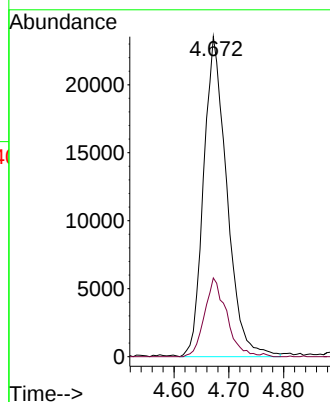
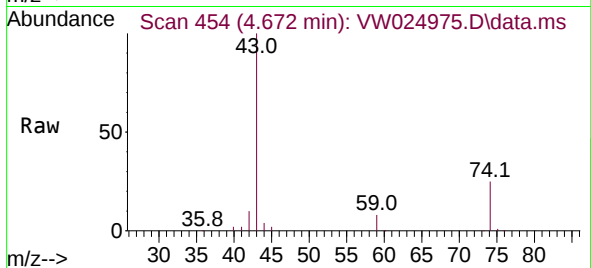




#15
Methyl Acetate
Concen: 23.363 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

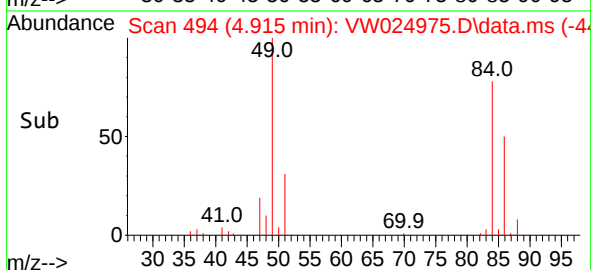
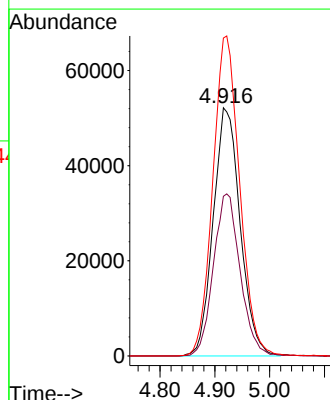
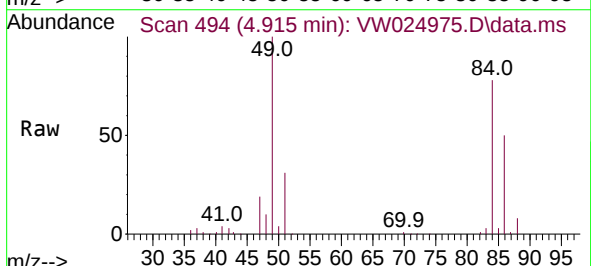
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

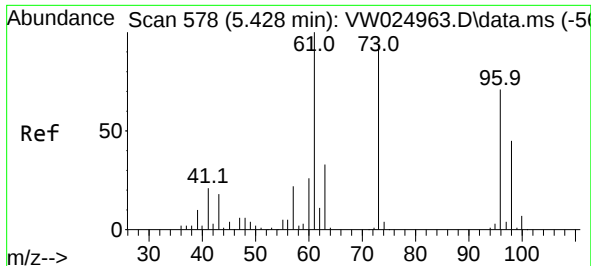
Tgt Ion: 43 Resp: 69379
Ion Ratio Lower Upper
43 100
74 23.4 19.0 28.6



#16
Methylene chloride
Concen: 21.626 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

Tgt Ion: 84 Resp: 178120
Ion Ratio Lower Upper
84 100
86 64.4 45.5 84.5
49 128.2 90.9 168.9





#17

trans-1,2-Dichloroethene

Concen: 22.868 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW024975.D

Acq: 24 Oct 2022 19:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025596

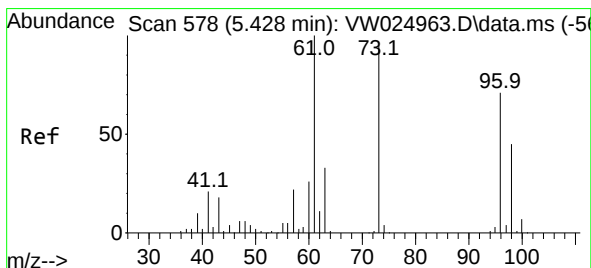
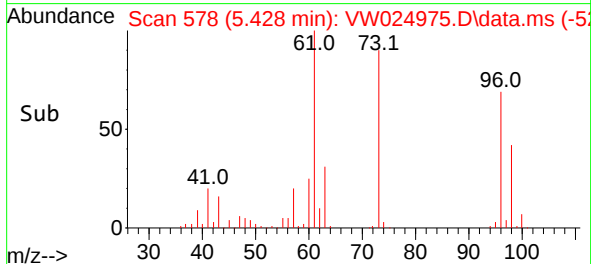
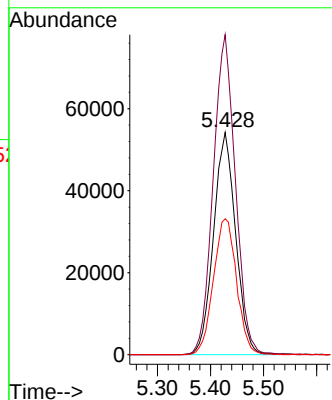
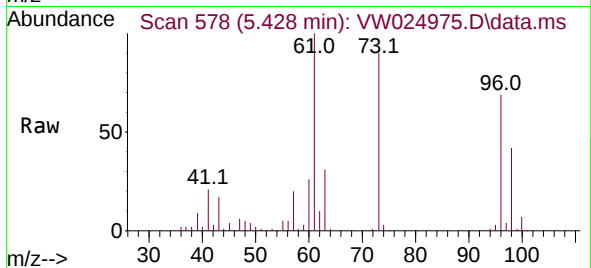
Tgt Ion: 96 Resp: 157318

Ion Ratio Lower Upper

96 100

61 144.0 102.2 189.8

98 61.1 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 24.027 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW024975.D

Acq: 24 Oct 2022 19:32

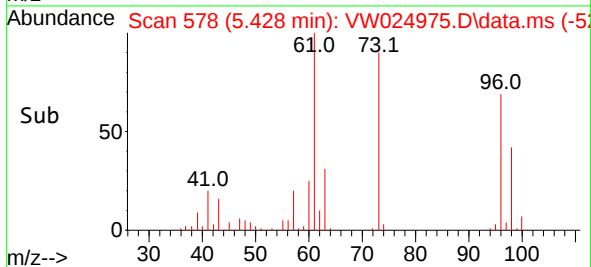
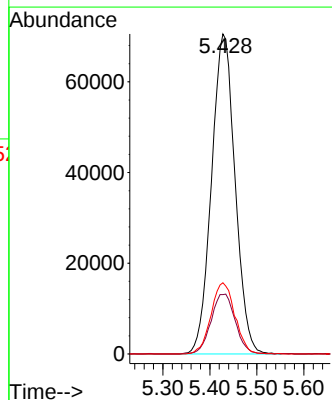
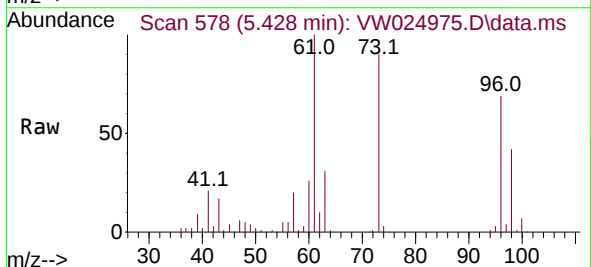
Tgt Ion: 73 Resp: 245621

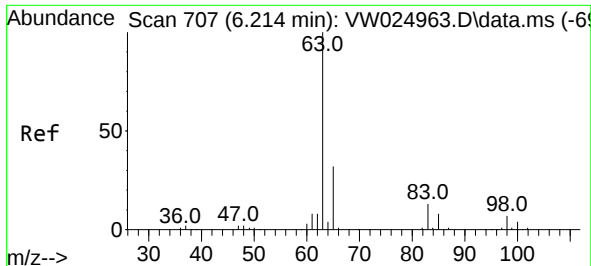
Ion Ratio Lower Upper

73 100

43 19.2 15.8 23.6

57 22.5 18.2 27.4

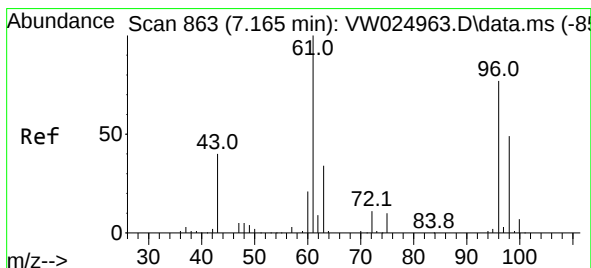
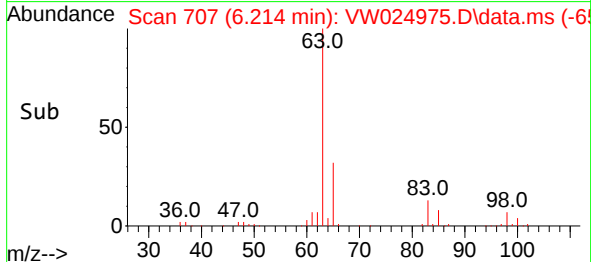
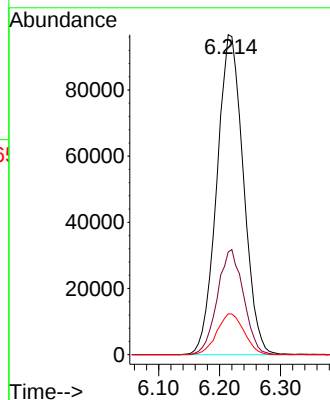
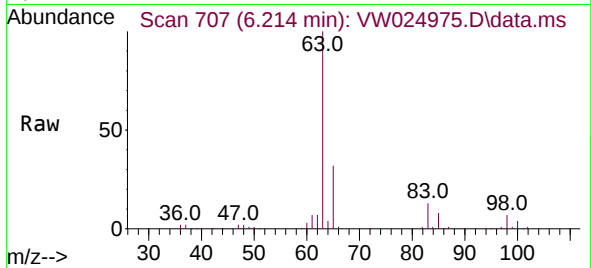




#19
 1,1-Dichloroethane
 Concen: 22.991 ug/L
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW024975.D
 Acq: 24 Oct 2022 19:32

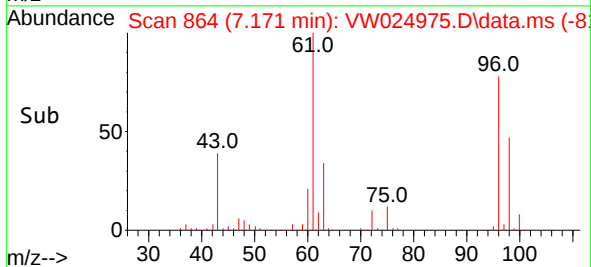
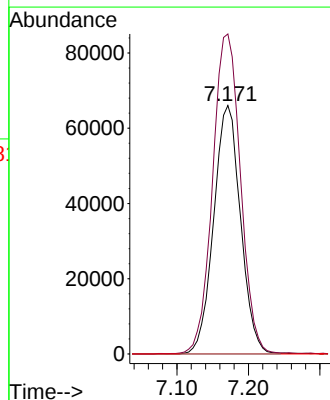
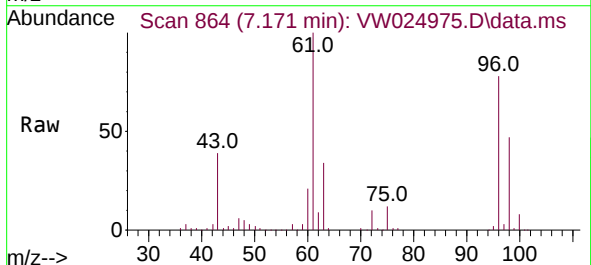
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025596

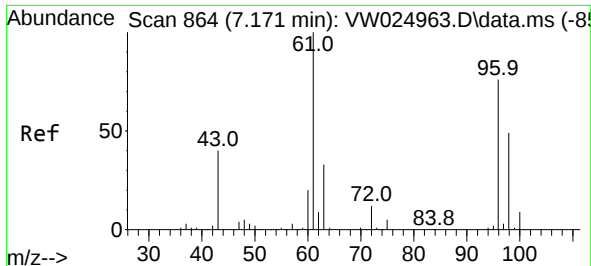
Tgt Ion: 63 Resp: 292606
 Ion Ratio Lower Upper
 63 100
 65 32.1 22.4 41.6
 83 12.7 9.6 17.8



#20
 cis-1,2-Dichloroethene
 Concen: 23.137 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW024975.D
 Acq: 24 Oct 2022 19:32

Tgt Ion: 96 Resp: 172016
 Ion Ratio Lower Upper
 96 100
 61 128.8 90.9 168.7
 68 0.0 0.0 0.0

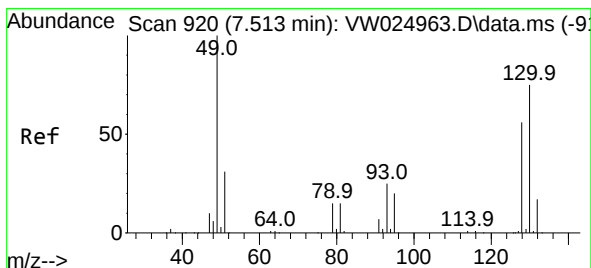
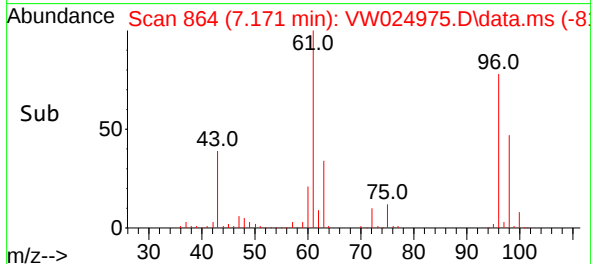
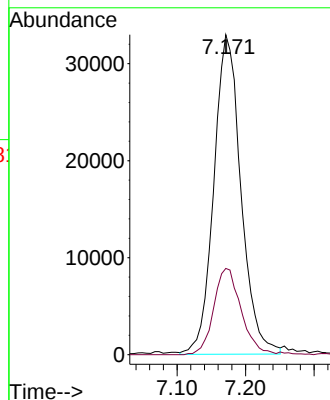
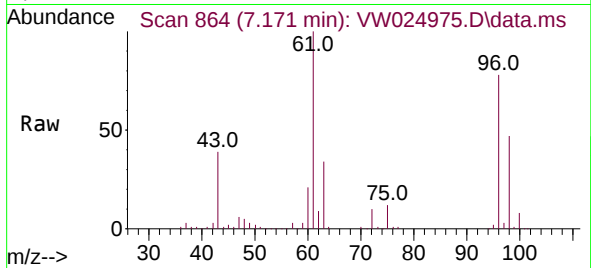




#22
2-Butanone
Concen: 44.585 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

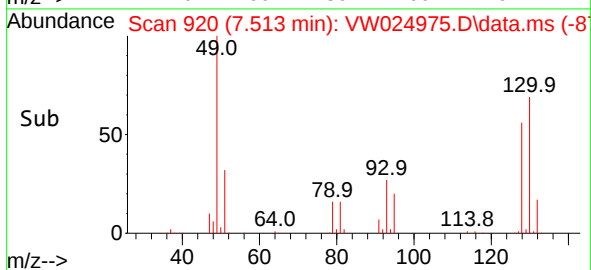
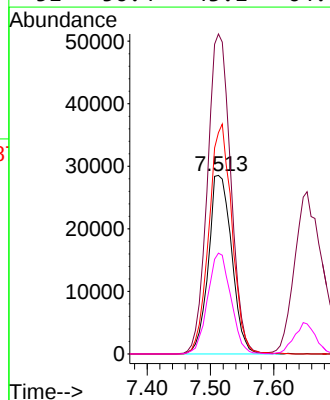
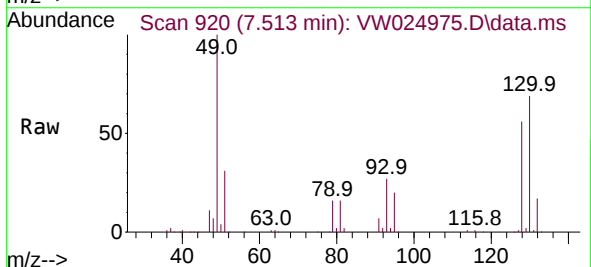
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

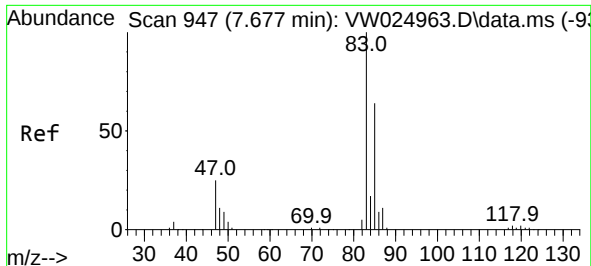
Tgt Ion: 43 Resp: 90758
Ion Ratio Lower Upper
43 100
72 27.1 14.1 42.3



#23
Bromochloromethane
Concen: 24.010 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

Tgt Ion: 128 Resp: 73016
Ion Ratio Lower Upper
128 100
49 179.2 122.7 227.9
130 124.0 86.0 159.8
51 56.4 43.1 64.7

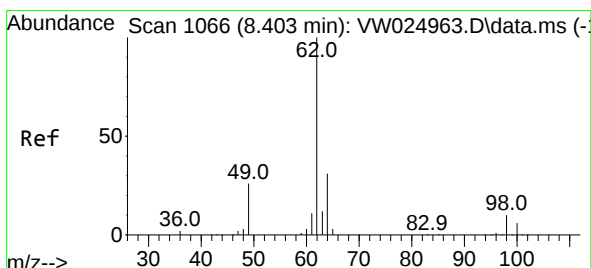
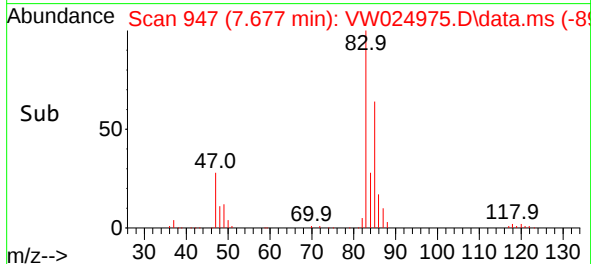
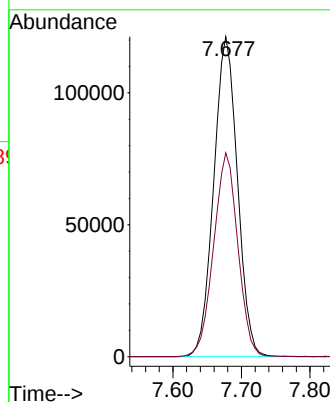
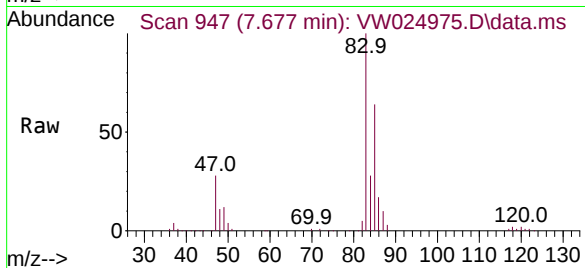




#25
Chloroform
Concen: 23.323 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

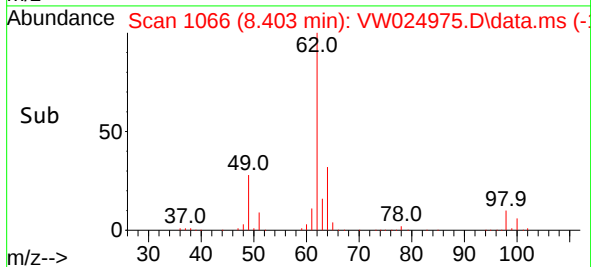
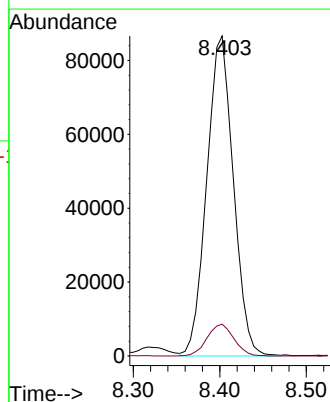
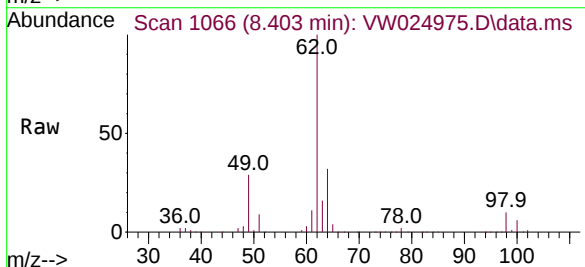
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

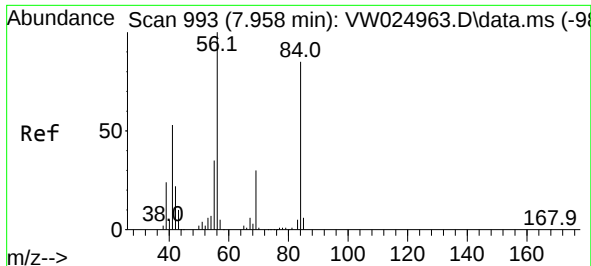
Tgt Ion: 83 Resp: 291358
Ion Ratio Lower Upper
83 100
85 63.7 45.3 84.1



#27
1,2-Dichloroethane
Concen: 22.912 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

Tgt Ion: 62 Resp: 185083
Ion Ratio Lower Upper
62 100
98 9.9 7.8 11.6





#29

Cyclohexane

Concen: 22.347 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW024975.D

Acq: 24 Oct 2022 19:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025596

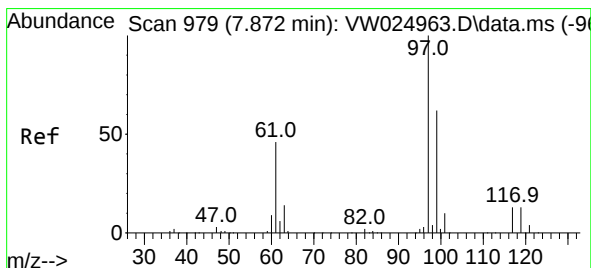
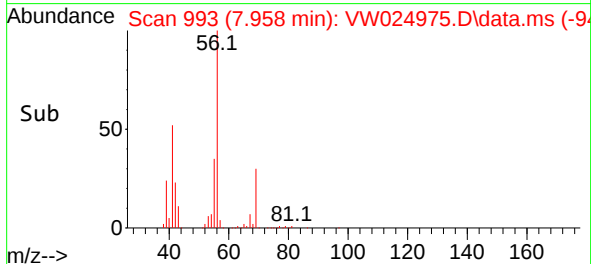
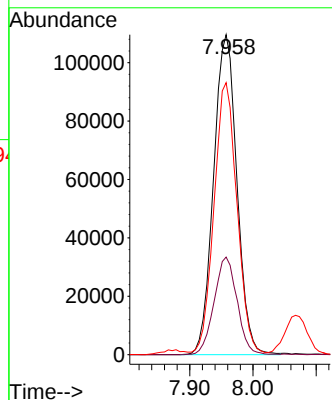
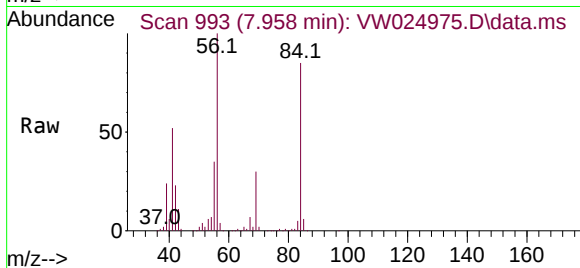
Tgt Ion: 56 Resp: 280600

Ion Ratio Lower Upper

56 100

69 30.0 24.2 36.2

84 83.9 67.7 101.5



#30

1,1,1-Trichloroethane

Concen: 23.153 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW024975.D

Acq: 24 Oct 2022 19:32

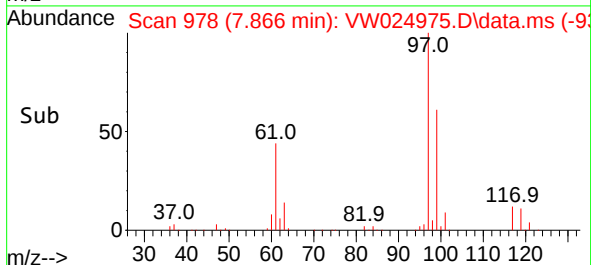
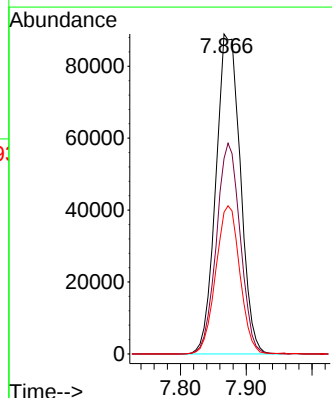
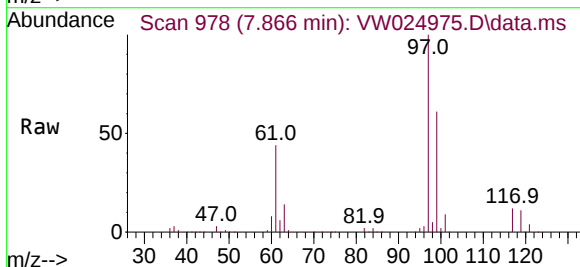
Tgt Ion: 97 Resp: 230214

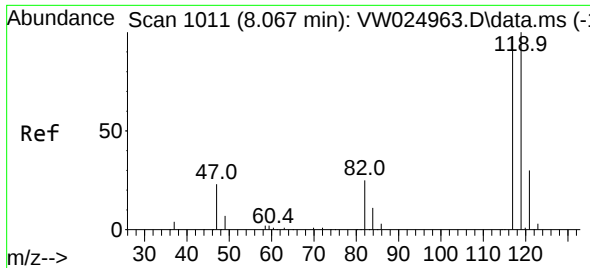
Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

61 45.7 37.3 55.9

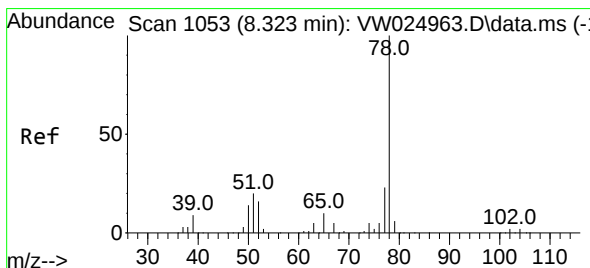
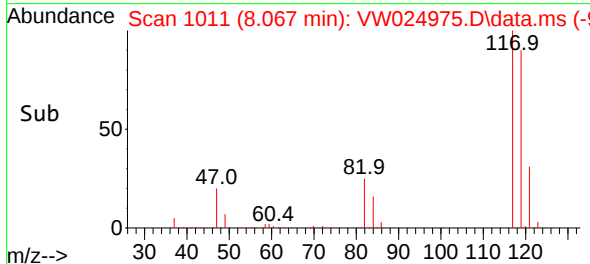
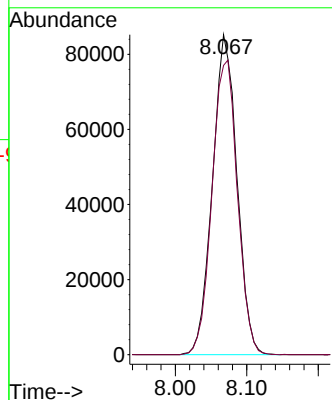
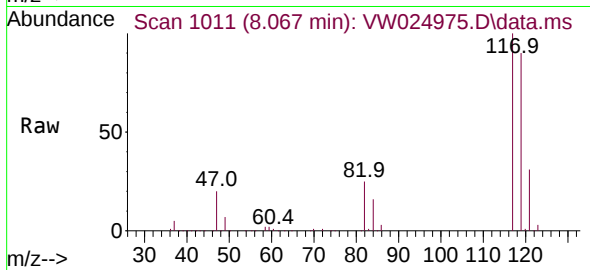




#31
Carbon tetrachloride
Concen: 23.237 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

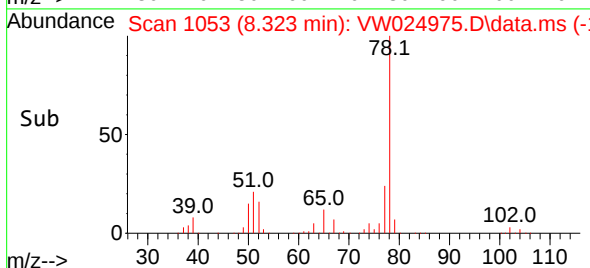
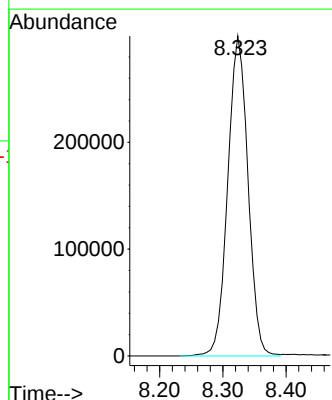
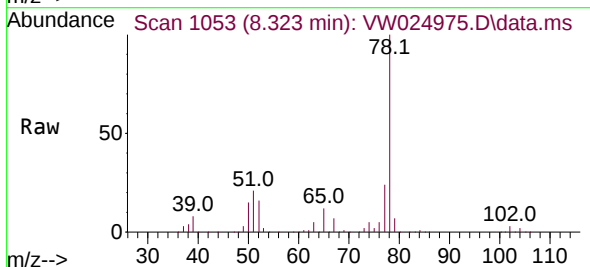
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

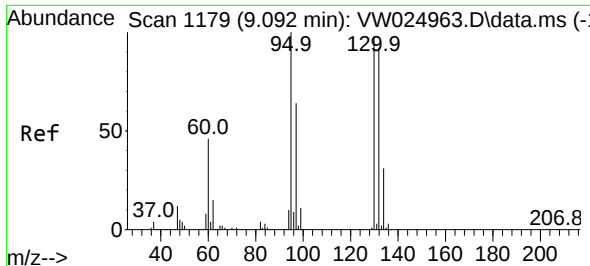
Tgt Ion:117 Resp: 202859
Ion Ratio Lower Upper
117 100
119 95.5 75.1 112.7



#33
Benzene
Concen: 22.629 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

Tgt Ion: 78 Resp: 665614

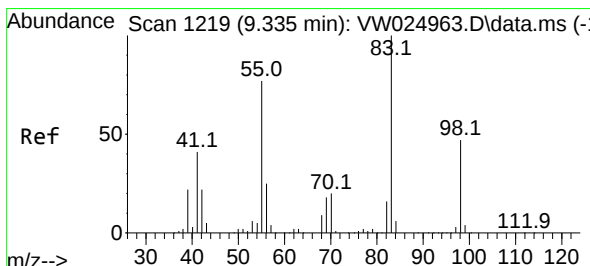
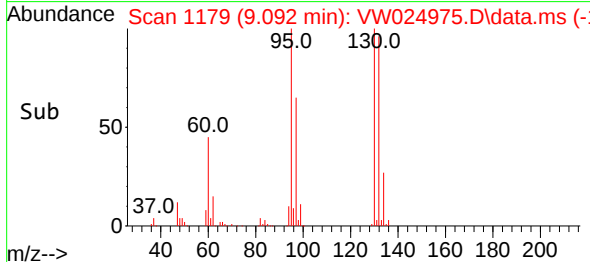
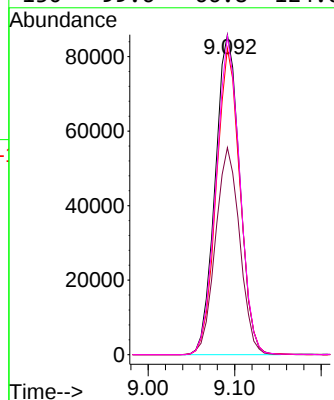
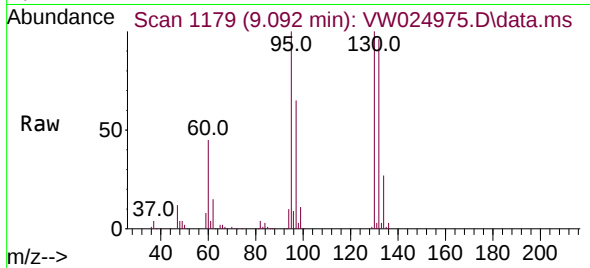




#34
 Trichloroethene
 Concen: 22.734 ug/L
 RT: 9.092 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VW024975.D
 Acq: 24 Oct 2022 19:32

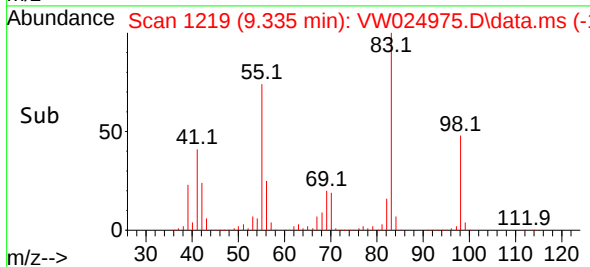
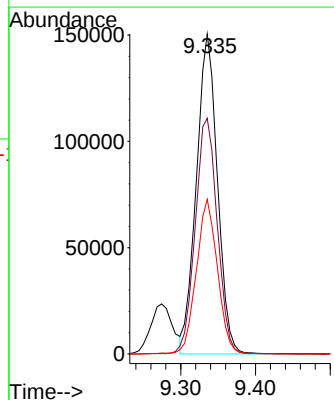
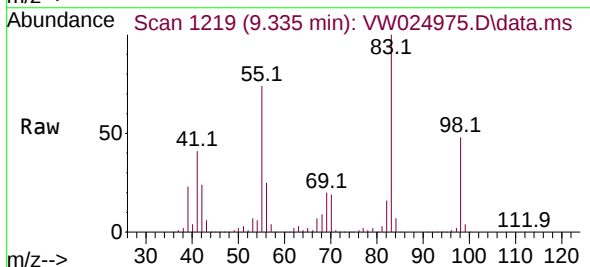
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025596

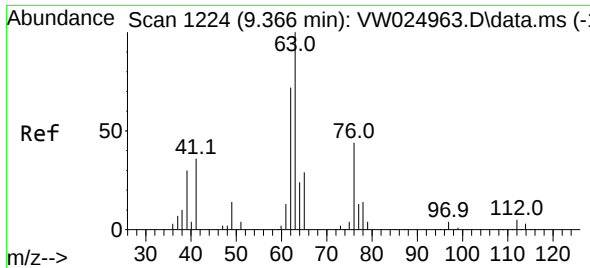
Tgt Ion: 95 Resp: 168404
 Ion Ratio Lower Upper
 95 100
 97 64.7 44.2 82.0
 132 95.7 62.9 116.7
 130 99.6 66.8 124.0



#35
 Methylcyclohexane
 Concen: 22.099 ug/L
 RT: 9.335 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: VW024975.D
 Acq: 24 Oct 2022 19:32

Tgt Ion: 83 Resp: 294610
 Ion Ratio Lower Upper
 83 100
 55 76.6 62.5 93.7
 98 48.3 37.2 55.8





#37

1,2-Dichloropropane

Concen: 23.085 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024975.D

Acq: 24 Oct 2022 19:32

Instrument :

MSVOA_W

ClientSampleId :

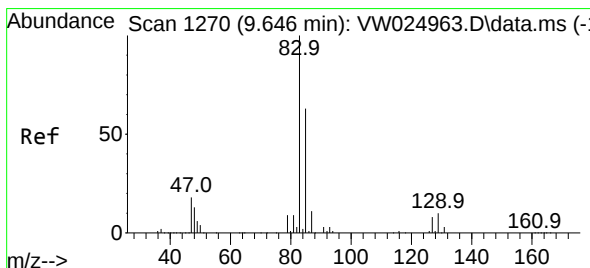
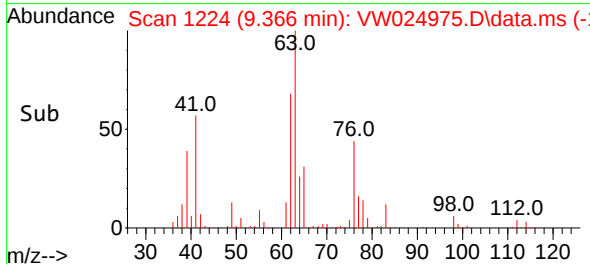
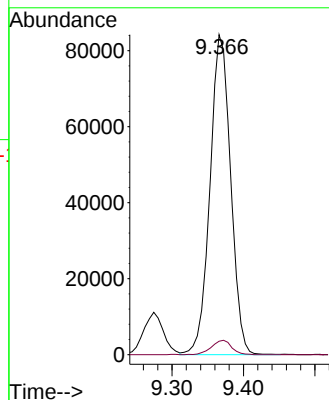
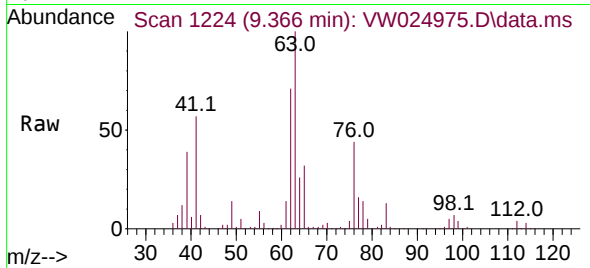
VSTD025596

Tgt Ion: 63 Resp: 169219

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 23.064 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW024975.D

Acq: 24 Oct 2022 19:32

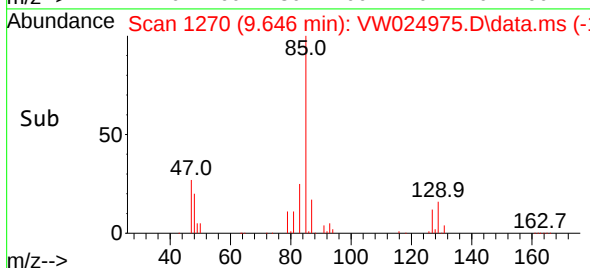
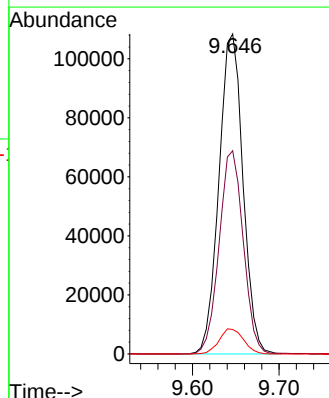
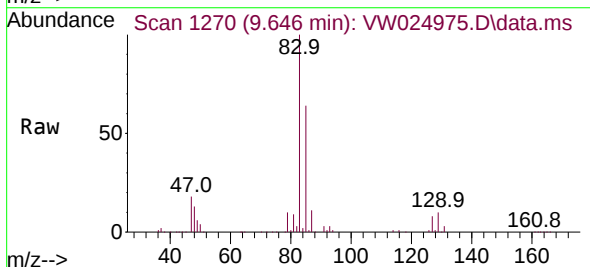
Tgt Ion: 83 Resp: 208891

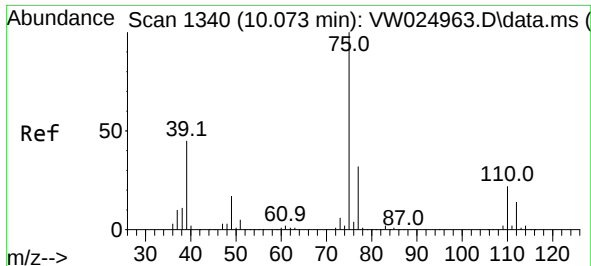
Ion Ratio Lower Upper

83 100

85 63.5 43.6 81.0

127 7.7 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 23.863 ug/L

RT: 10.073 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024975.D

Acq: 24 Oct 2022 19:32

Instrument :

MSVOA_W

ClientSampleId :

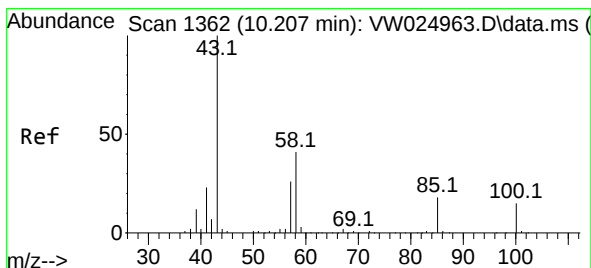
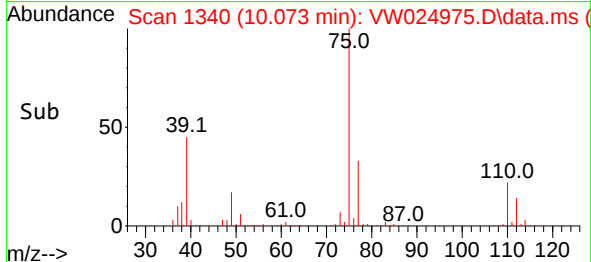
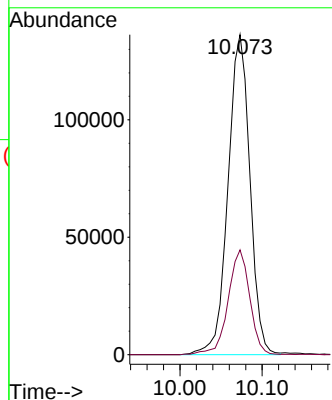
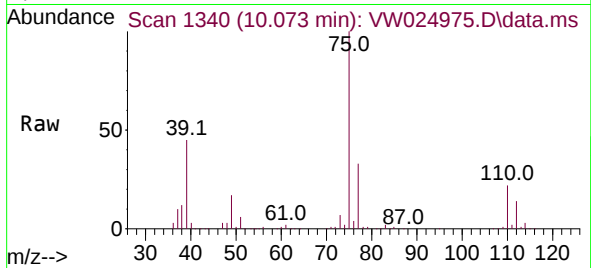
VSTD025596

Tgt Ion: 75 Resp: 252837

Ion Ratio Lower Upper

75 100

77 32.8 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 45.913 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024975.D

Acq: 24 Oct 2022 19:32

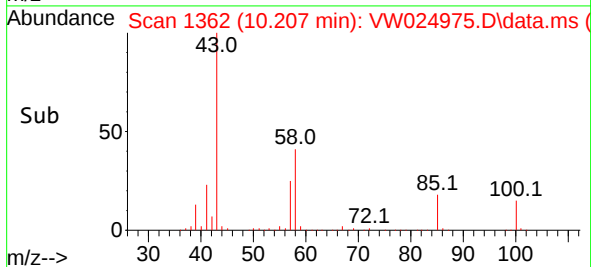
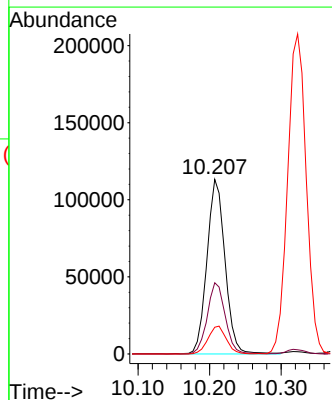
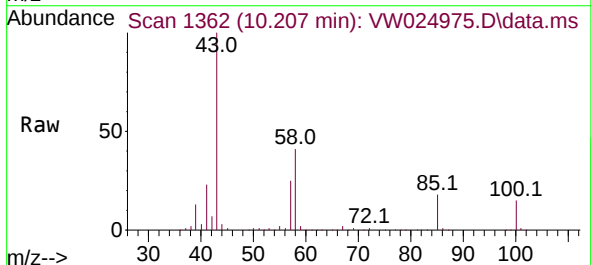
Tgt Ion: 43 Resp: 198921

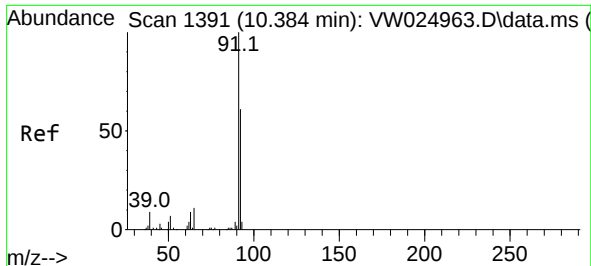
Ion Ratio Lower Upper

43 100

58 40.3 32.1 48.1

100 16.1 12.8 19.2

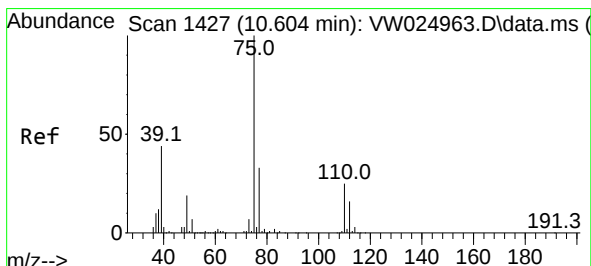
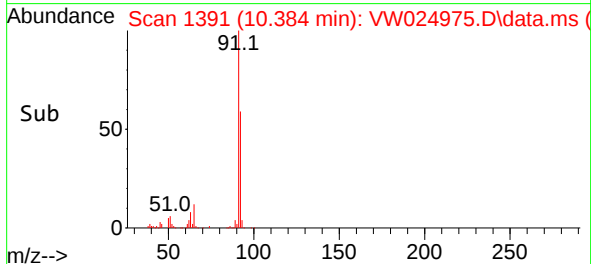
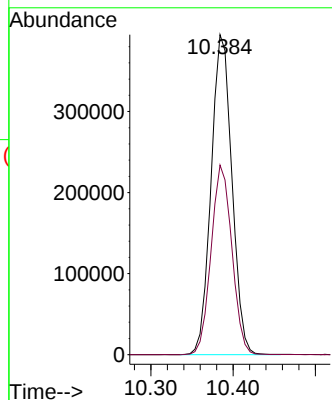
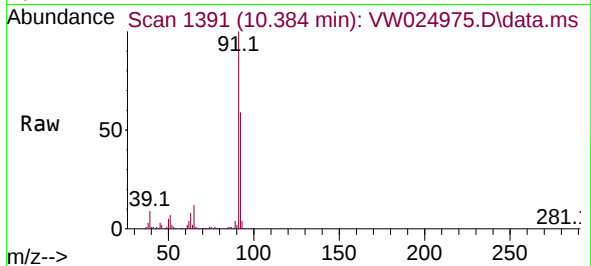




#42
Toluene
Concen: 23.000 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

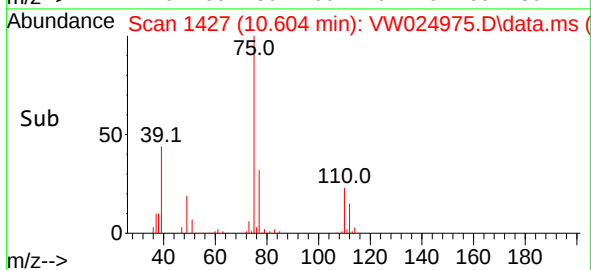
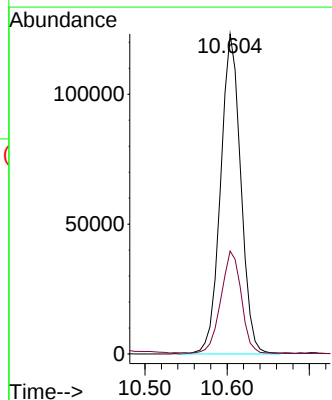
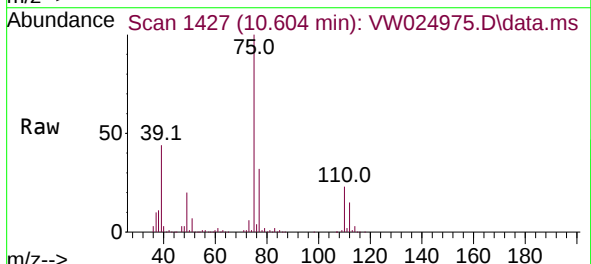
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

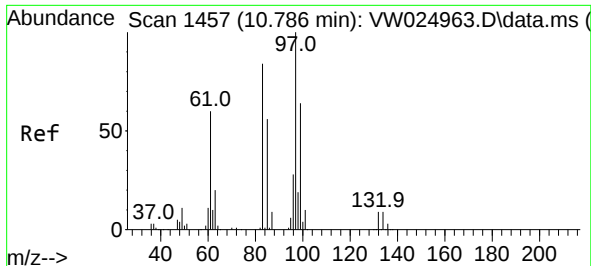
Tgt Ion: 91 Resp: 693629
Ion Ratio Lower Upper
91 100
92 59.2 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 23.922 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

Tgt Ion: 75 Resp: 210440
Ion Ratio Lower Upper
75 100
77 32.2 23.0 42.6



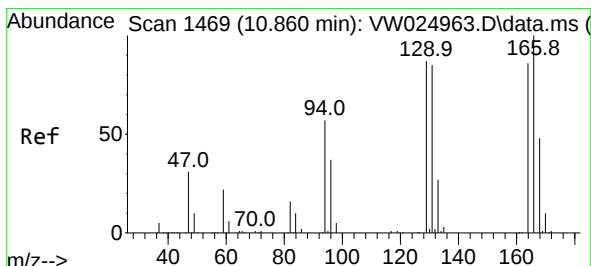
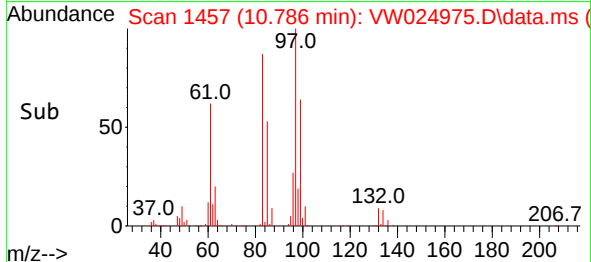
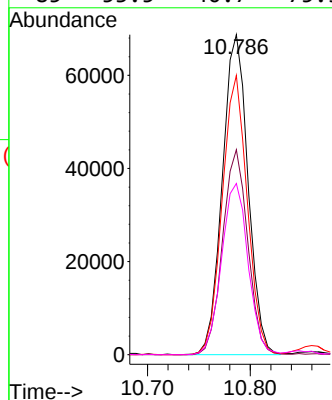
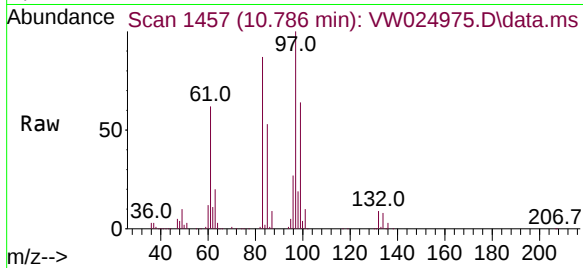


#45
1,1,2-Trichloroethane
Concen: 23.310 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

Tgt Ion: 97 Resp: 119352

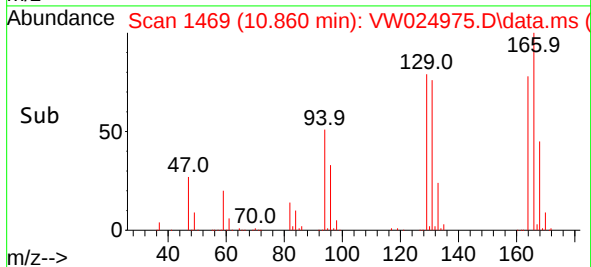
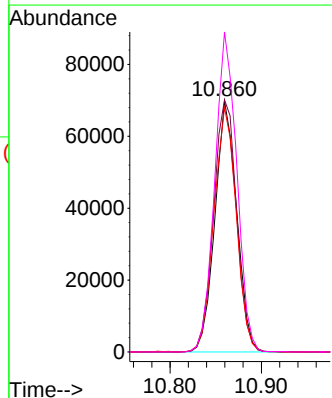
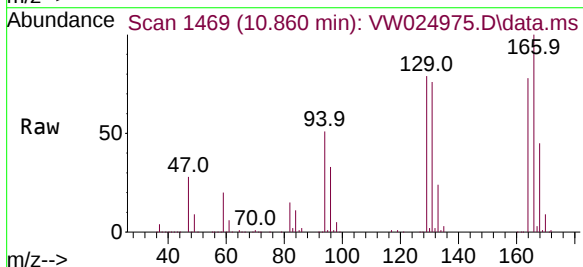
Ion	Ratio	Lower	Upper
97	100		
99	64.0	44.7	83.1
83	87.3	59.6	110.8
85	53.5	40.7	75.5

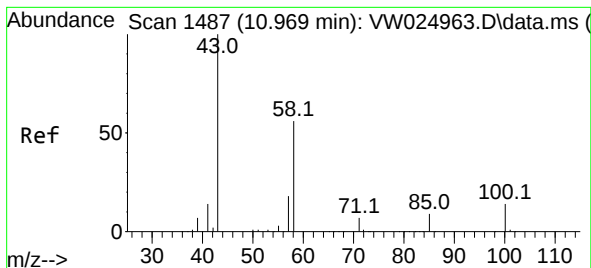


#46
Tetrachloroethene
Concen: 22.961 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

Tgt Ion: 164 Resp: 115646

Ion	Ratio	Lower	Upper
164	100		
129	100.5	78.7	146.1
131	97.4	71.1	132.1
166	127.5	78.8	146.4





#48

2-Hexanone

Concen: 46.682 ug/L

RT: 10.963 min Scan# 1486

Delta R.T. -0.006 min

Lab File: VW024975.D

Acq: 24 Oct 2022 19:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025596

Tgt Ion: 43 Resp: 137131

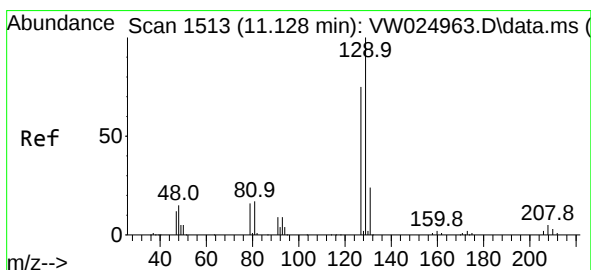
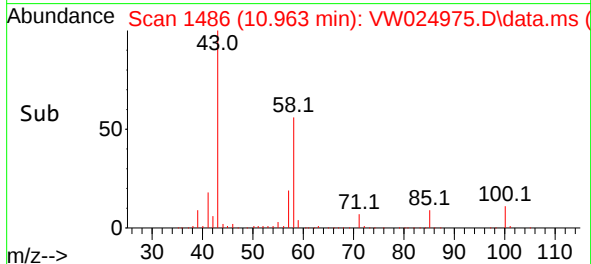
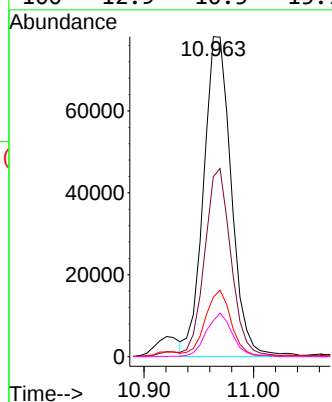
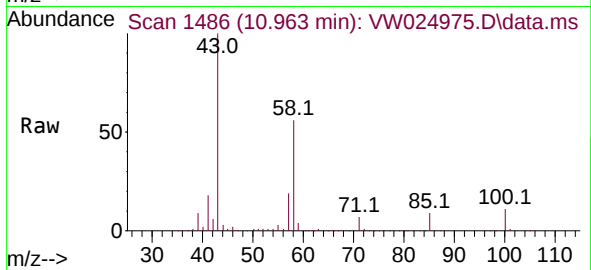
Ion Ratio Lower Upper

43 100

58 56.2 47.0 70.6

57 19.6 16.0 24.0

100 12.9 10.5 15.7



#49

Dibromochloromethane

Concen: 23.628 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW024975.D

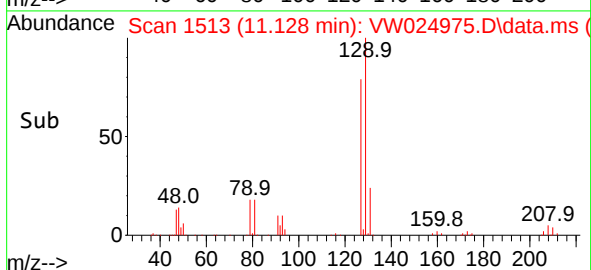
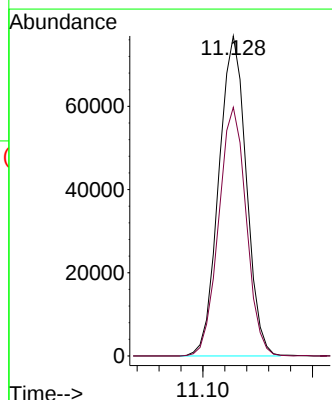
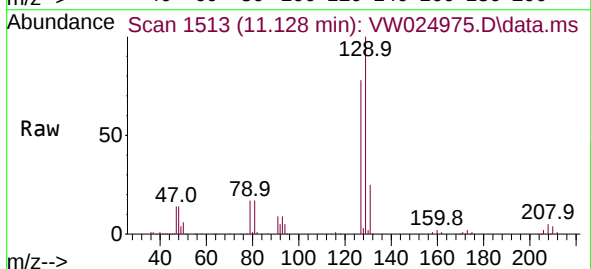
Acq: 24 Oct 2022 19:32

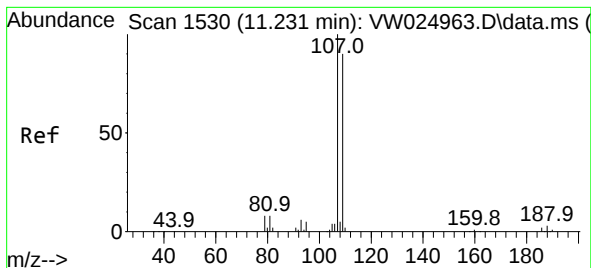
Tgt Ion:129 Resp: 133924

Ion Ratio Lower Upper

129 100

127 77.7 53.9 100.1

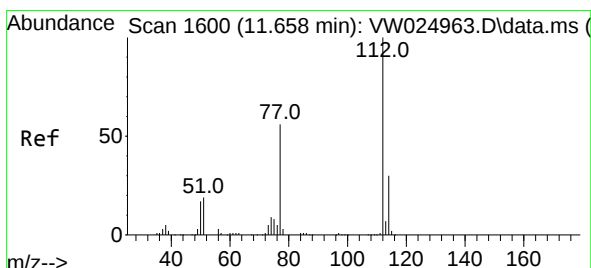
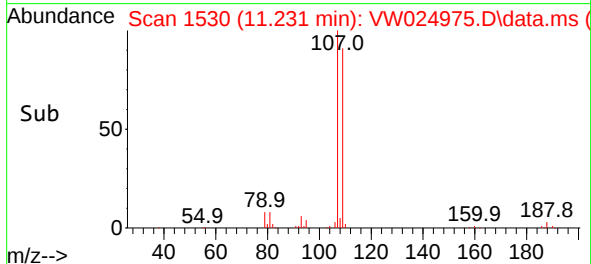
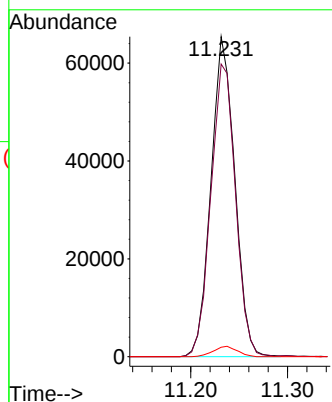
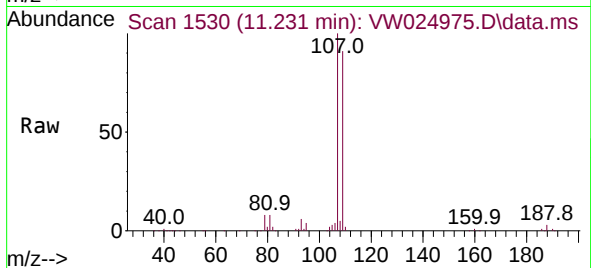




#50
1,2-Dibromoethane
Concen: 23.164 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

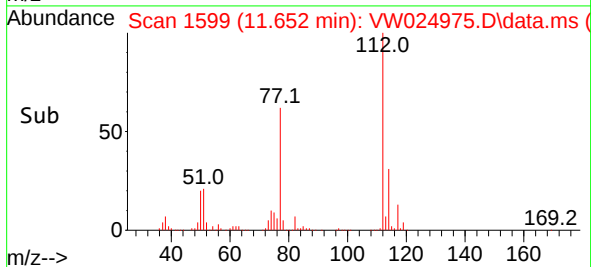
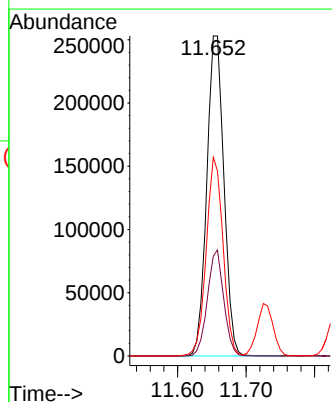
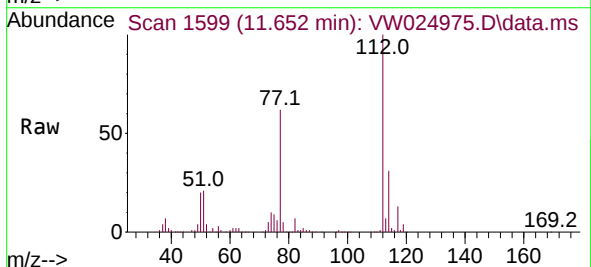
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

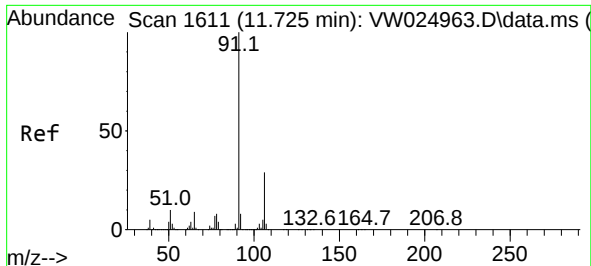
Tgt Ion:107 Resp: 111733
Ion Ratio Lower Upper
107 100
109 91.5 62.8 116.6
188 3.0 2.2 3.2



#51
Chlorobenzene
Concen: 23.187 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

Tgt Ion:112 Resp: 439495
Ion Ratio Lower Upper
112 100
114 31.2 22.7 42.3
77 62.1 49.8 74.8

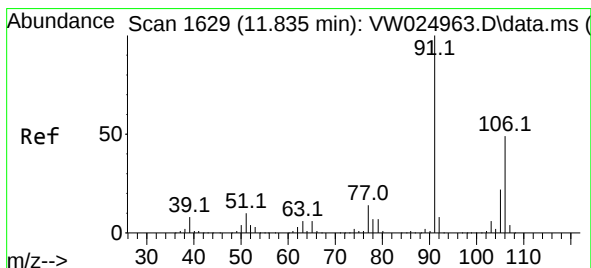
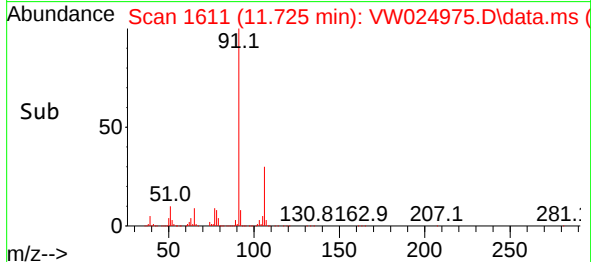
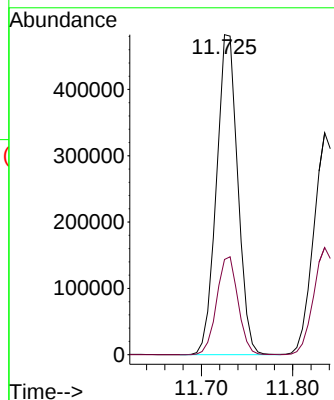
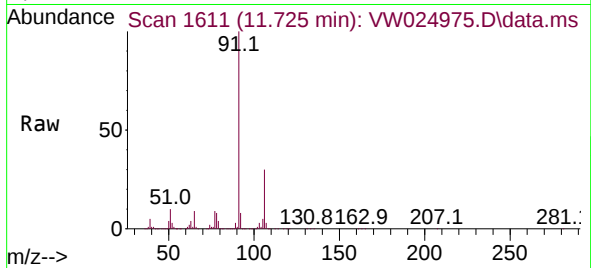




#52
Ethylbenzene
Concen: 23.162 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

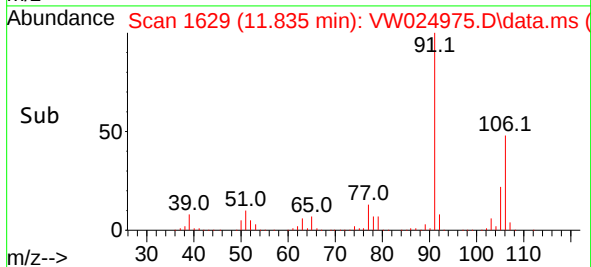
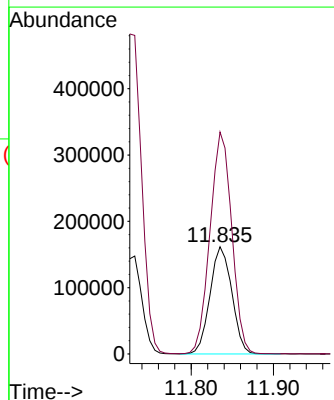
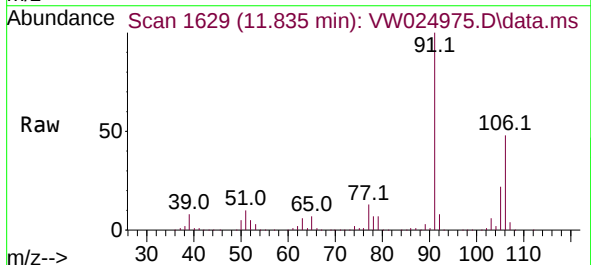
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

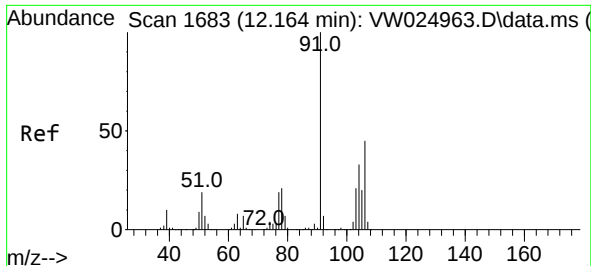
Tgt Ion: 91 Resp: 782185
Ion Ratio Lower Upper
91 100
106 29.8 20.1 37.3



#53
m,p-Xylene
Concen: 23.211 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

Tgt Ion:106 Resp: 297799
Ion Ratio Lower Upper
106 100
91 207.1 147.4 273.8

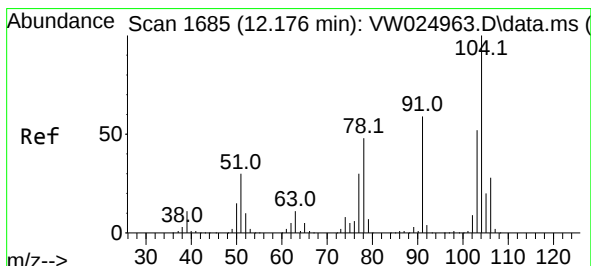
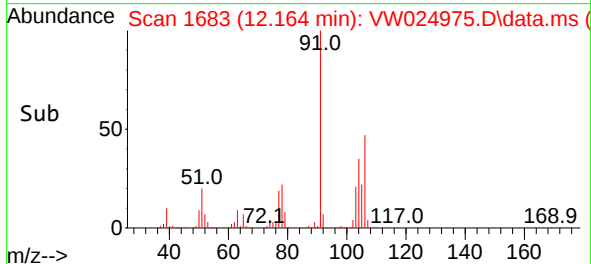
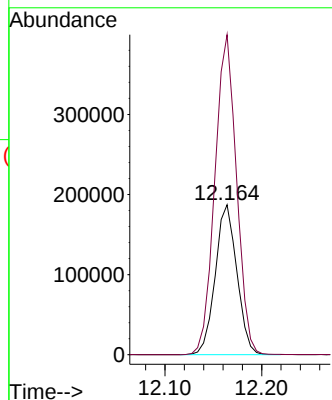
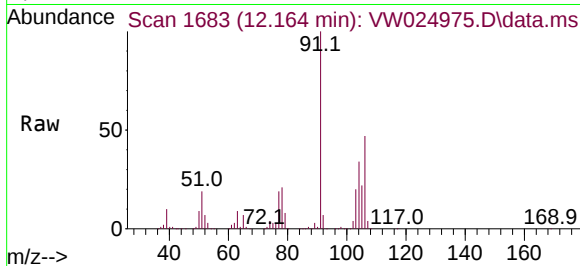




#54
o-Xylene
Concen: 23.766 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

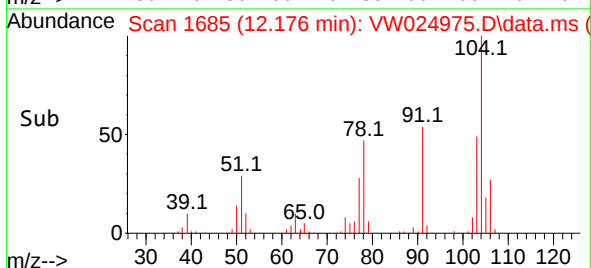
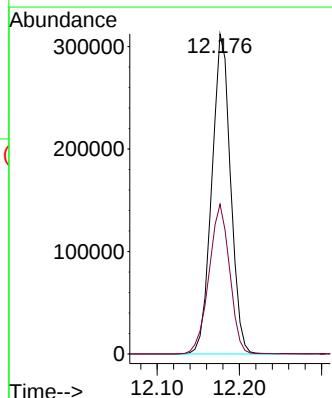
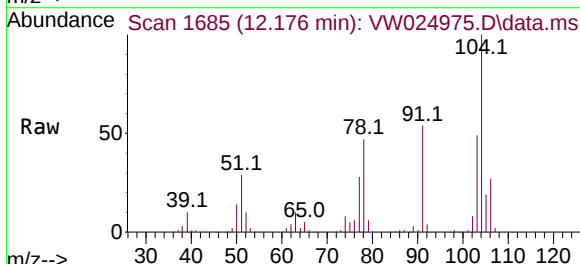
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

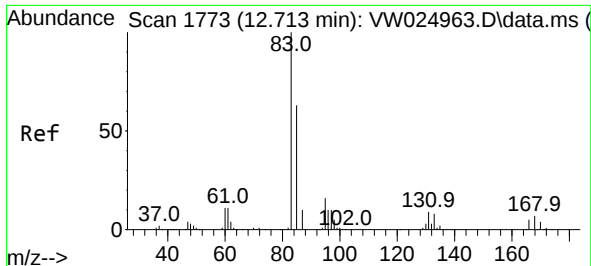
Tgt Ion:106 Resp: 290328
Ion Ratio Lower Upper
106 100
91 213.5 151.0 280.4



#55
Styrene
Concen: 23.645 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

Tgt Ion:104 Resp: 495430
Ion Ratio Lower Upper
104 100
78 46.8 32.6 60.5





#57

1,1,2-Tetrachloroethane

Concen: 23.214 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024975.D

Acq: 24 Oct 2022 19:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025596

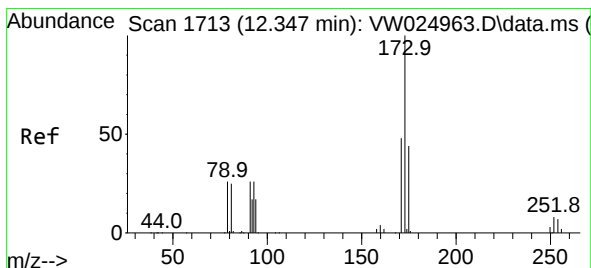
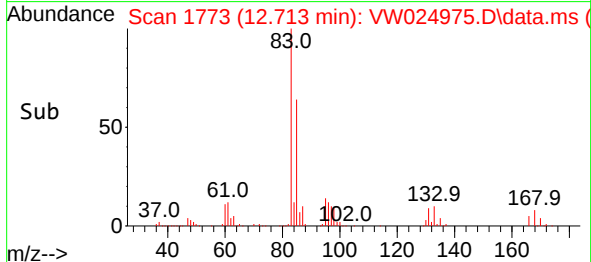
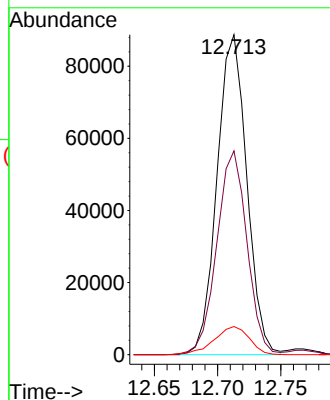
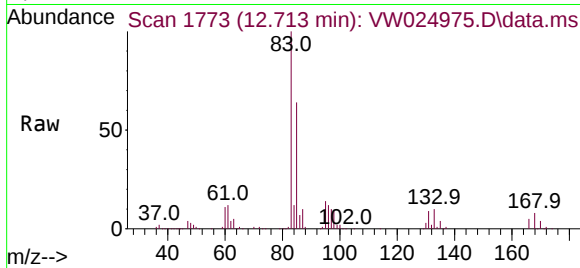
Tgt Ion: 83 Resp: 145013

Ion Ratio Lower Upper

83 100

85 63.7 44.5 82.7

131 8.8 6.8 10.2



#59

Bromoform

Concen: 23.812 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024975.D

Acq: 24 Oct 2022 19:32

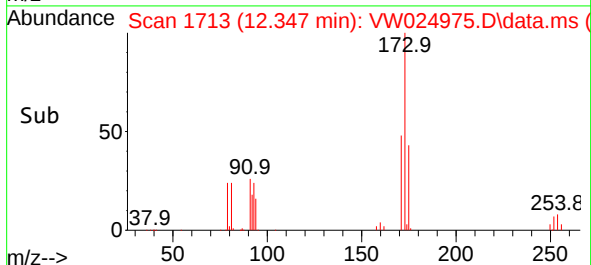
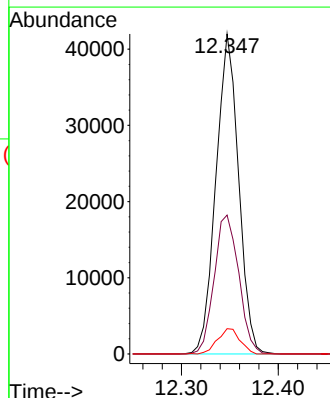
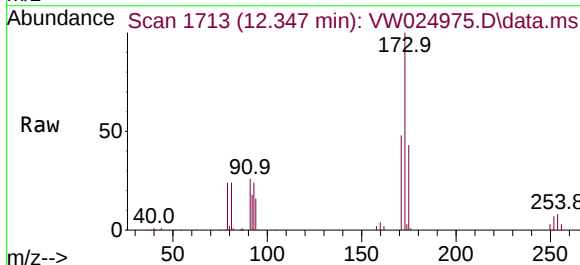
Tgt Ion:173 Resp: 68265

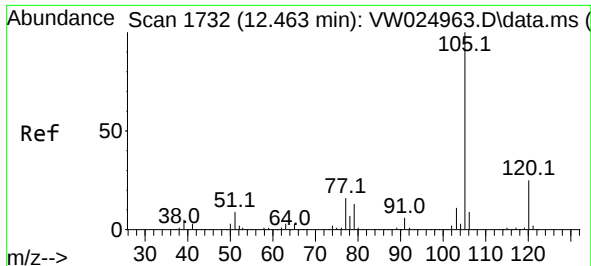
Ion Ratio Lower Upper

173 100

175 47.0 38.6 58.0

254 7.8 4.8 7.2#

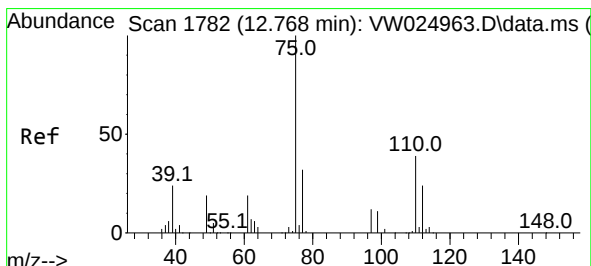
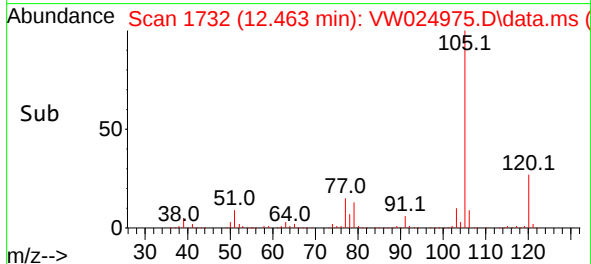
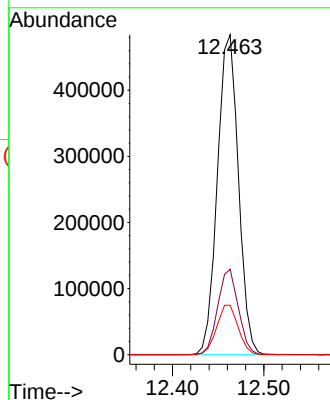
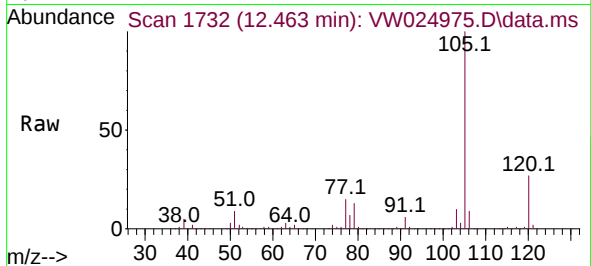




#60
Isopropylbenzene
Concen: 22.432 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

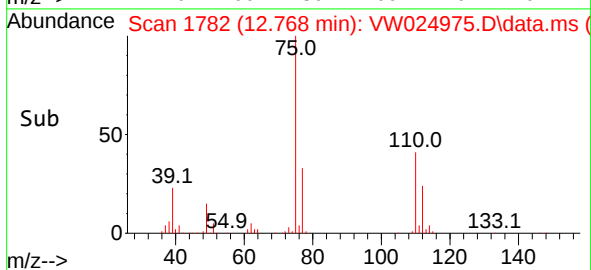
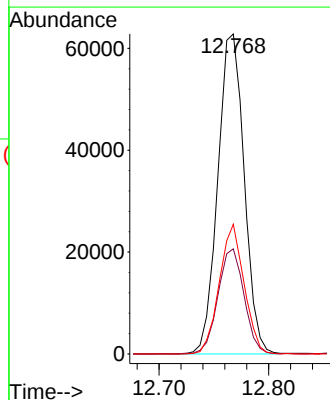
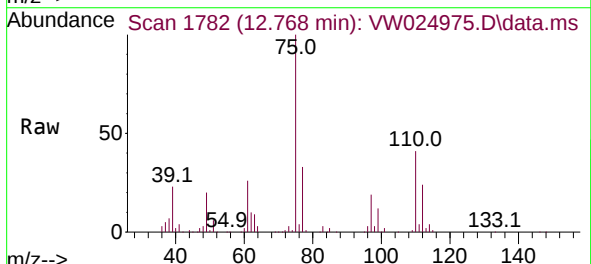
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

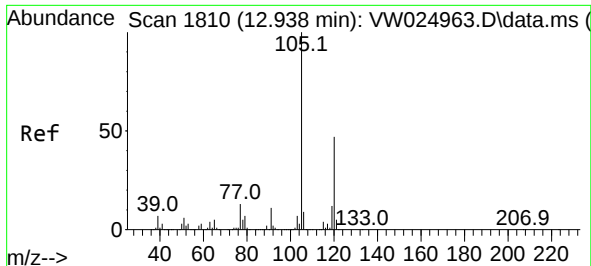
Tgt Ion:105 Resp: 775249
Ion Ratio Lower Upper
105 100
120 26.3 20.5 30.7
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 22.306 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

Tgt Ion: 75 Resp: 105081
Ion Ratio Lower Upper
75 100
77 32.5 26.4 39.6
110 38.0 30.8 46.2

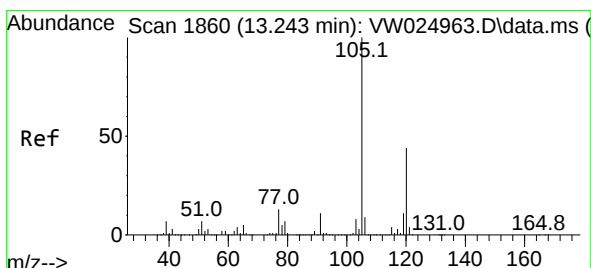
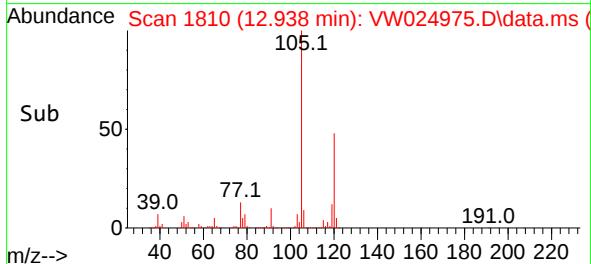
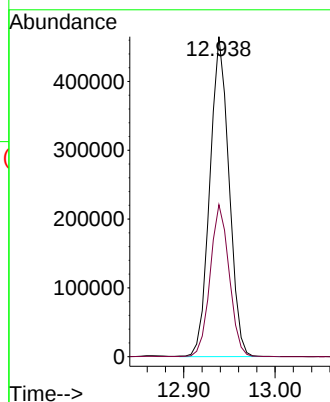
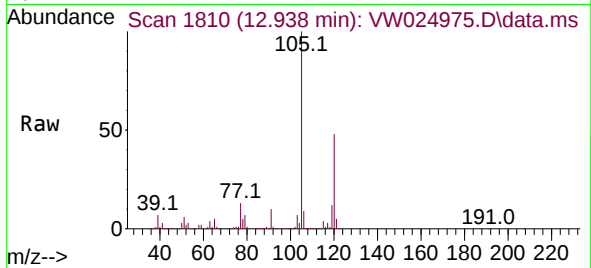




#62
 1,3,5-Trimethylbenzene
 Concen: 22.804 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW024975.D
 Acq: 24 Oct 2022 19:32

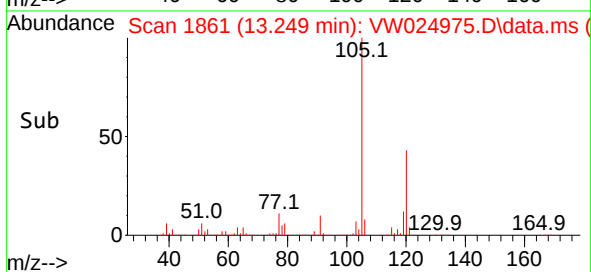
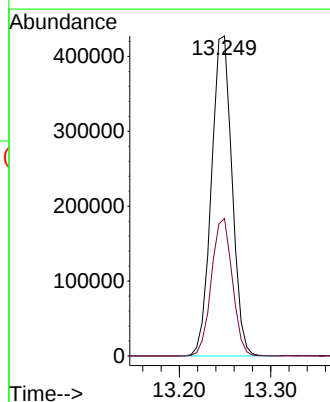
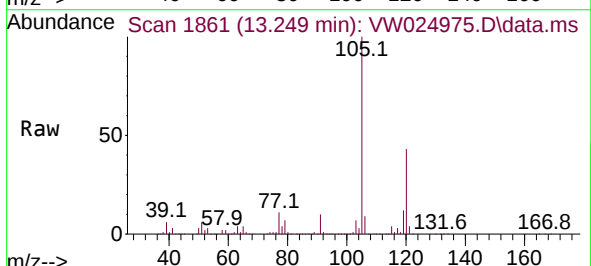
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025596

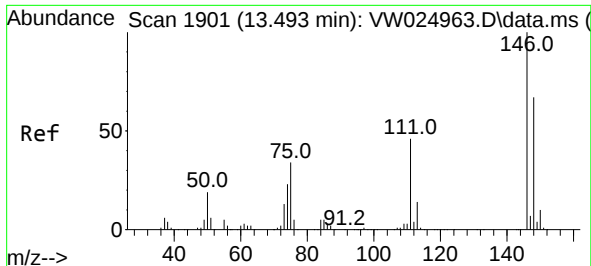
Tgt Ion:105 Resp: 676633
 Ion Ratio Lower Upper
 105 100
 120 47.2 38.1 57.1



#63
 1,2,4-Trimethylbenzene
 Concen: 23.394 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.006 min
 Lab File: VW024975.D
 Acq: 24 Oct 2022 19:32

Tgt Ion:105 Resp: 669269
 Ion Ratio Lower Upper
 105 100
 120 43.5 34.8 52.2

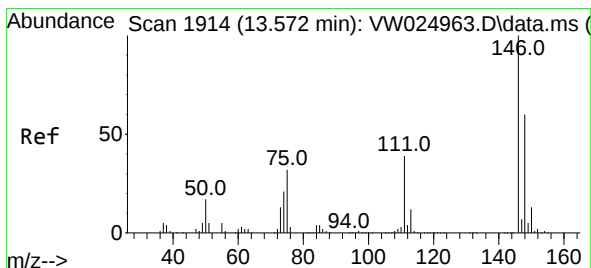
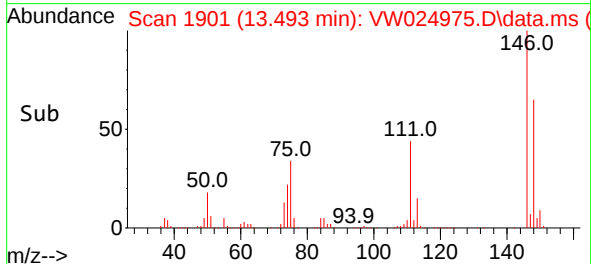
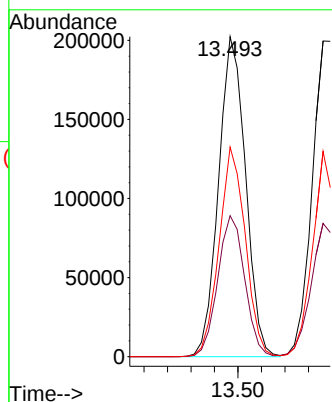
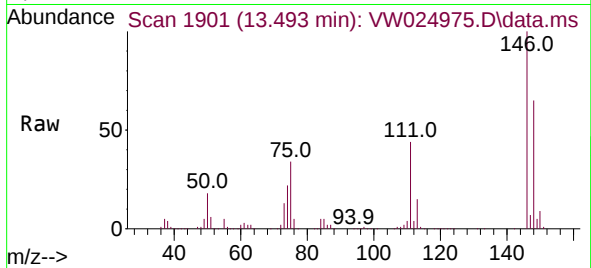




#64
1,3-Dichlorobenzene
Concen: 22.962 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

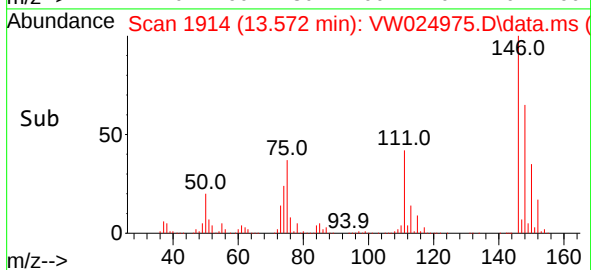
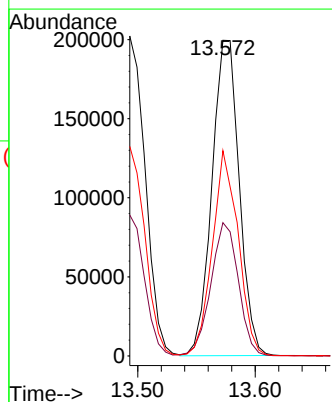
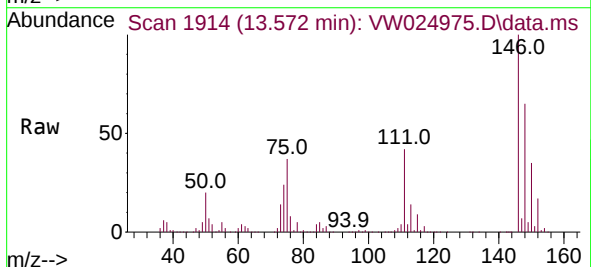
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

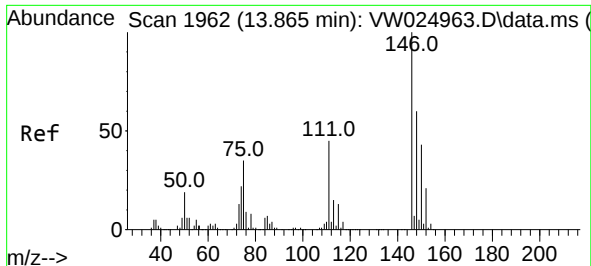
Tgt Ion:146 Resp: 323180
Ion Ratio Lower Upper
146 100
111 44.1 31.7 58.9
148 65.5 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 22.605 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024975.D
Acq: 24 Oct 2022 19:32

Tgt Ion:146 Resp: 322053
Ion Ratio Lower Upper
146 100
111 42.3 27.4 50.8
148 65.0 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 23.663 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024975.D

Acq: 24 Oct 2022 19:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025596

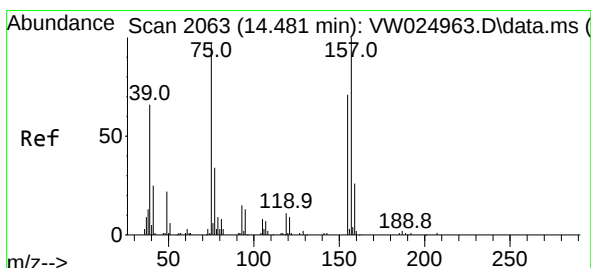
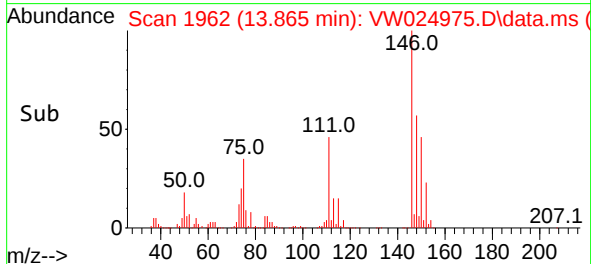
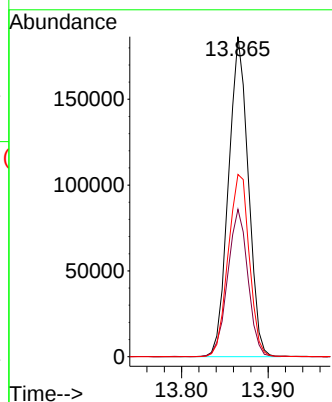
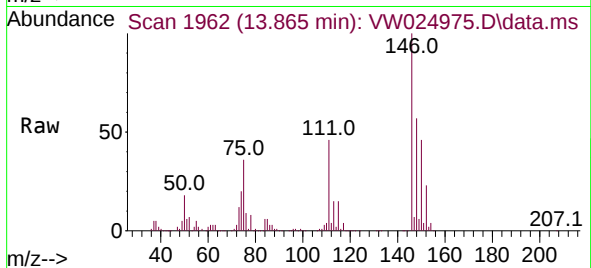
Tgt Ion:146 Resp: 296031

Ion Ratio Lower Upper

146 100

111 46.0 36.9 55.3

148 57.0 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.651 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024975.D

Acq: 24 Oct 2022 19:32

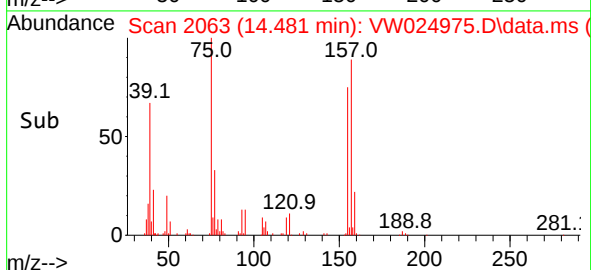
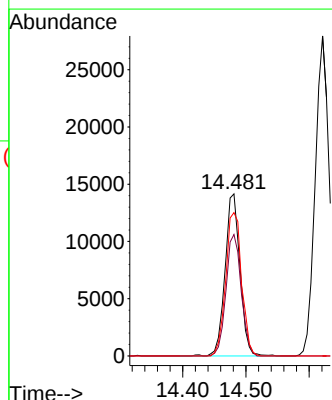
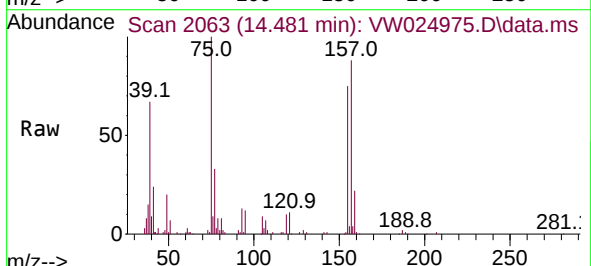
Tgt Ion: 75 Resp: 23193

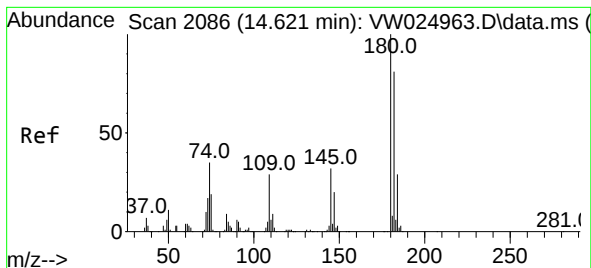
Ion Ratio Lower Upper

75 100

155 74.9 56.2 84.4

157 88.5 74.6 111.8





#69

1,3,5-Trichlorobenzene

Concen: 24.004 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.000 min

Lab File: VW024975.D

Acq: 24 Oct 2022 19:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025596

Tgt Ion:180 Resp: 220587

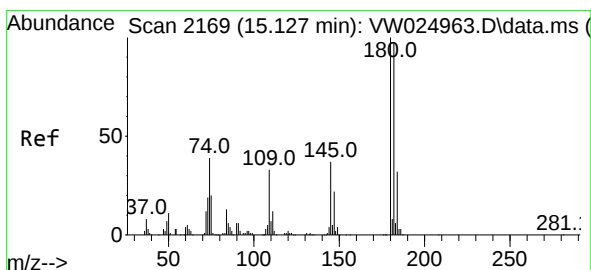
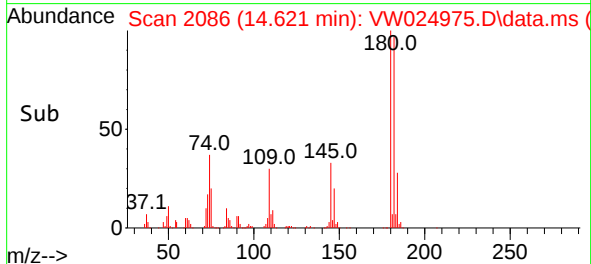
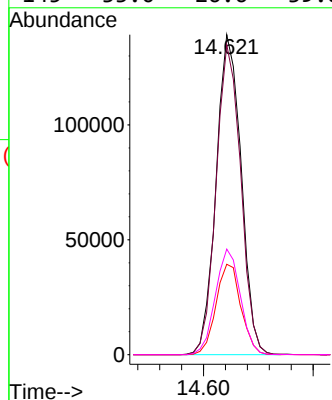
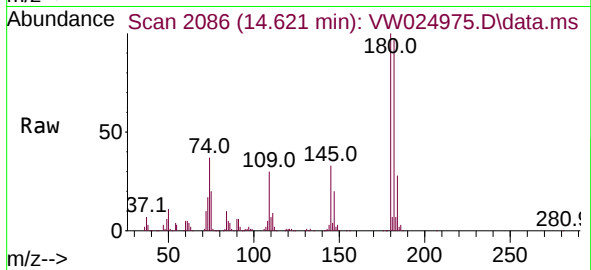
Ion Ratio Lower Upper

180 100

182 95.4 75.0 112.6

184 28.2 22.9 34.3

145 33.0 26.6 39.8



#70

1,2,4-trichlorobenzene

Concen: 23.775 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024975.D

Acq: 24 Oct 2022 19:32

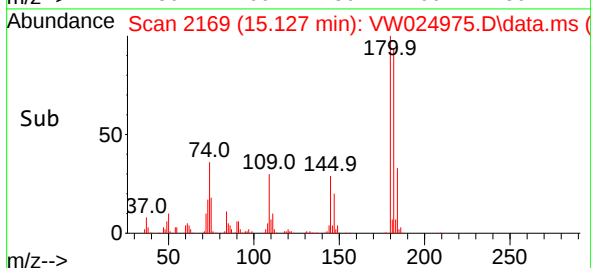
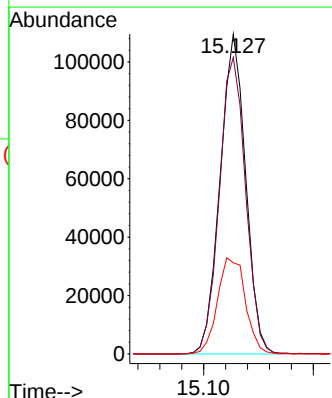
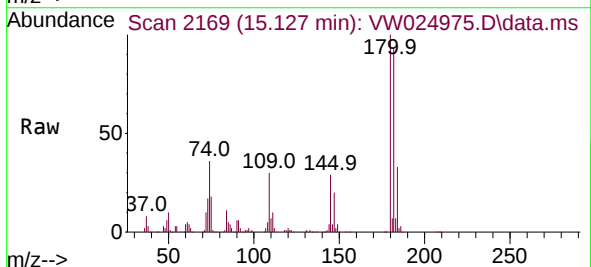
Tgt Ion:180 Resp: 177261

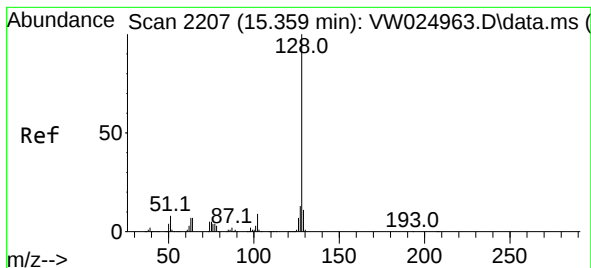
Ion Ratio Lower Upper

180 100

182 95.4 77.7 116.5

145 32.8 29.0 43.4





#71

Naphthalene

Concen: 24.174 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW024975.D

Acq: 24 Oct 2022 19:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025596

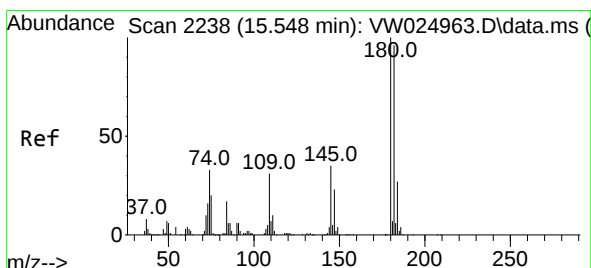
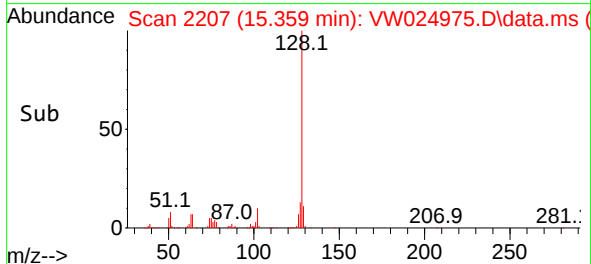
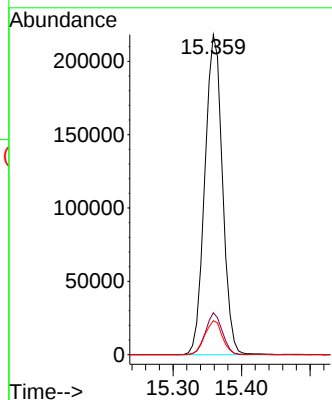
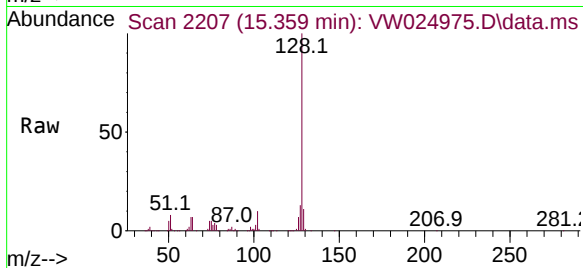
Tgt Ion:128 Resp: 390524

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.5 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 23.593 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024975.D

Acq: 24 Oct 2022 19:32

Tgt Ion:180 Resp: 150143

Ion Ratio Lower Upper

180 100

182 94.1 75.1 112.7

145 37.0 29.9 44.9

