

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102422\
 Data File : VW024963.D
 Acq On : 24 Oct 2022 13:23
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025595

Quant Time: Oct 27 02:06:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 20 21:14:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	469399	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	427899	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	211740	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	109959	19.856	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.440%
7) Chloroethane-d5	2.885	69	68822	21.226	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.920%
11) 1,1-Dichloroethene-d2	4.019	63	266384	22.124	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.480%
21) 2-Butanone-d5	7.074	46	89024	50.736	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.480%
24) Chloroform-d	7.647	84	298975	22.582	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.320%
26) 1,2-Dichloroethane-d4	8.305	65	151740	21.899	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	8.275	84	598968	22.322	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.280%
36) 1,2-Dichloropropane-d6	9.274	67	184843	22.460	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.840%
41) Toluene-d8	10.323	98	540208	22.431	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.720%
43) trans-1,3-Dichloroprop...	10.573	79	75139	24.073	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.280%
47) 2-Hexanone-d5	10.921	63	68400	49.572	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.140%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	151987	23.681	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.720%
66) 1,2-Dichlorobenzene-d4	13.847	152	173170	22.380	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	43862	20.886	ug/L	98
3) Chloromethane	2.221	50	121057	24.750	ug/L	100
5) Vinyl chloride	2.367	62	171424	25.689	ug/L	99
6) Bromomethane	2.782	94	80276	24.768	ug/L	88
8) Chloroethane	2.928	64	68389	24.596	ug/L	100
9) Trichlorofluoromethane	3.257	101	93484	28.321	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	169128	25.165	ug/L	99
12) 1,1-Dichloroethene	4.044	96	157396	24.750	ug/L	86
13) Acetone	4.123	43	74792	60.913	ug/L	97
14) Carbon disulfide	4.385	76	502614	24.196	ug/L	100
15) Methyl Acetate	4.672	43	73368	24.552	ug/L	99
16) Methylene chloride	4.922	84	185985	22.440	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	173352	25.042	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	273329	26.571	ug/L	99
19) 1,1-Dichloroethane	6.214	63	319967	24.984	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	185368	24.777	ug/L	100
22) 2-Butanone	7.171	43	103965	50.756	ug/L	98
23) Bromochloromethane	7.513	128	77780	25.417	ug/L	94
25) Chloroform	7.677	83	312542	24.863	ug/L	99

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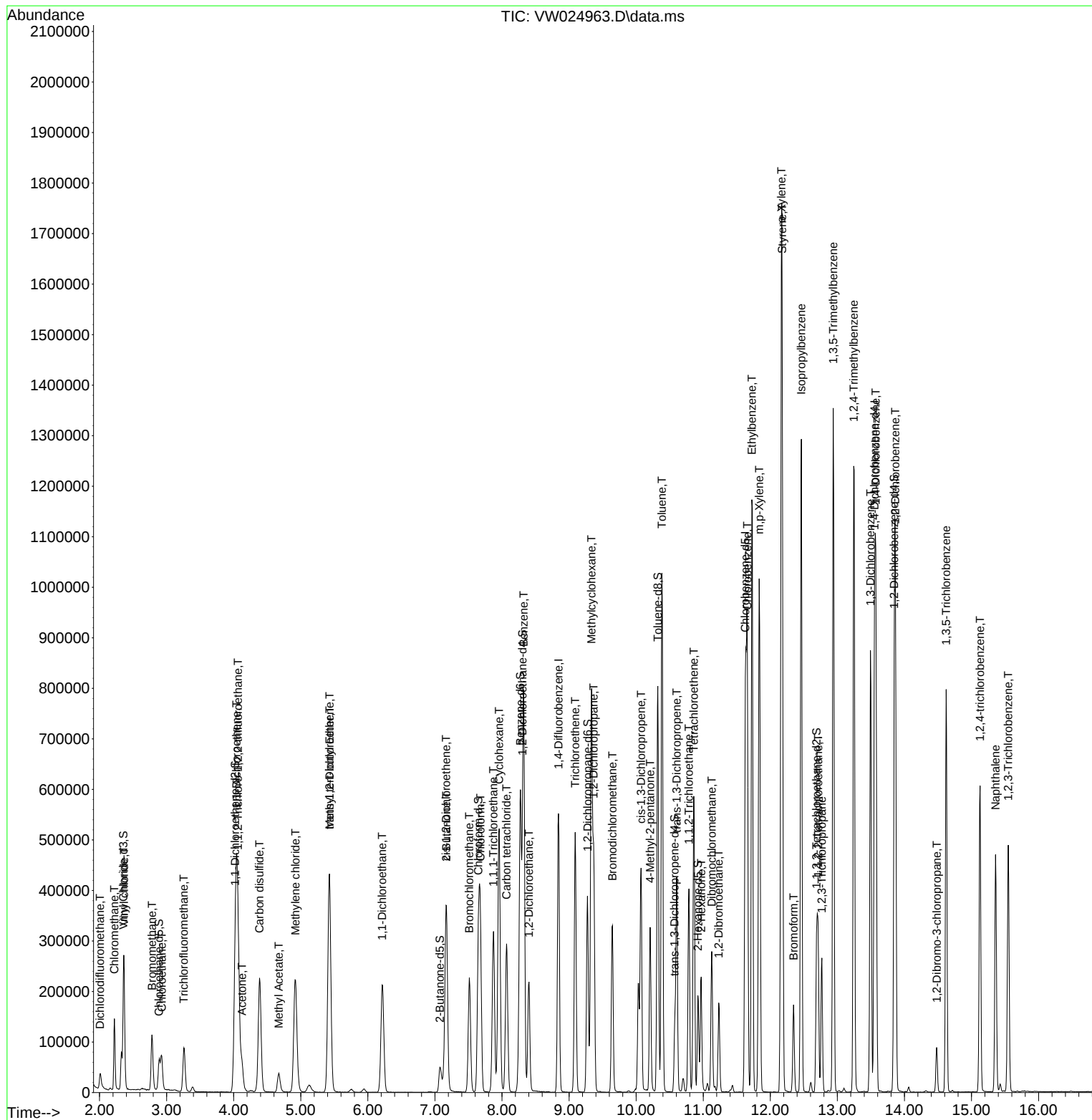
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	197690	24.320	ug/L	99
29) Cyclohexane	7.958	56	308633	24.836	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	255665	25.980	ug/L	99
31) Carbon tetrachloride	8.067	117	221499	25.636	ug/L	96
33) Benzene	8.323	78	724022	24.871	ug/L	100
34) Trichloroethene	9.092	95	181608	24.772	ug/L	98
35) Methylcyclohexane	9.335	83	332970	25.236	ug/L	99
37) 1,2-Dichloropropane	9.366	63	179594	24.755	ug/L	100
38) Bromodichloromethane	9.646	83	227061	25.331	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	276172	26.336	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	210091	48.995	ug/L	99
42) Toluene	10.384	91	744167	24.933	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	230535	26.479	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	126963	25.054	ug/L	99
46) Tetrachloroethene	10.860	164	123647	24.805	ug/L	95
48) 2-Hexanone	10.969	43	147101	50.597	ug/L	97
49) Dibromochloromethane	11.128	129	143047	25.500	ug/L	98
50) 1,2-Dibromoethane	11.231	107	121615	25.475	ug/L	99
51) Chlorobenzene	11.658	112	468061	24.951	ug/L	93
52) Ethylbenzene	11.725	91	848346	25.383	ug/L	100
53) m,p-Xylene	11.835	106	327557	25.796	ug/L	96
54) o-Xylene	12.164	106	309628	25.609	ug/L	97
55) Styrene	12.176	104	532980	25.702	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	154692	25.021	ug/L	99
59) Bromoform	12.347	173	76465	26.988	ug/L #	96
60) Isopropylbenzene	12.463	105	832076	24.362	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	110464	23.726	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	730972	24.927	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	703355	24.877	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	344778	24.786	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	345312	24.525	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	310960	25.150	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	23715	23.434	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	224967	24.771	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	176972	24.017	ug/L	97
71) Naphthalene	15.359	128	389414	24.390	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	154030	24.490	ug/L	97

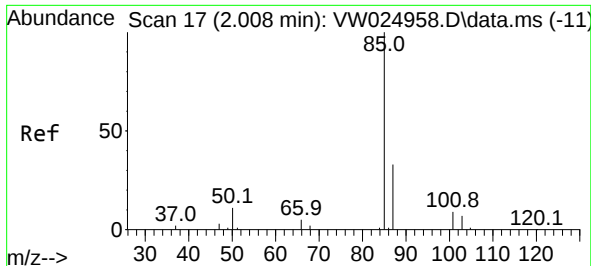
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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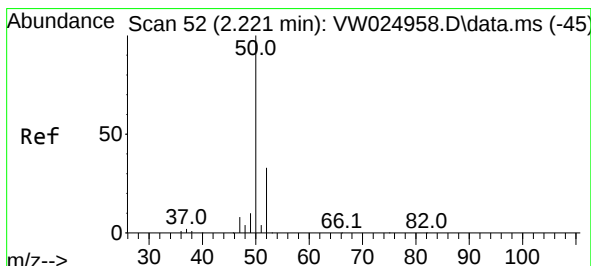
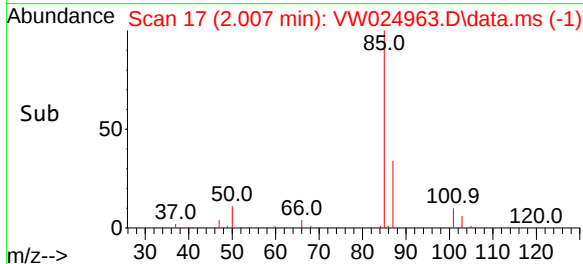
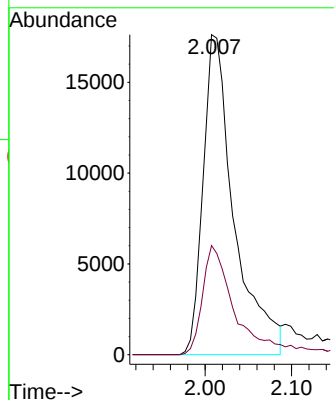
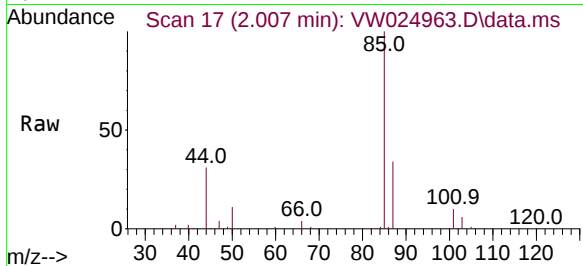




#2
 Dichlorodifluoromethane
 Concen: 20.886 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW024963.D
 Acq: 24 Oct 2022 13:23

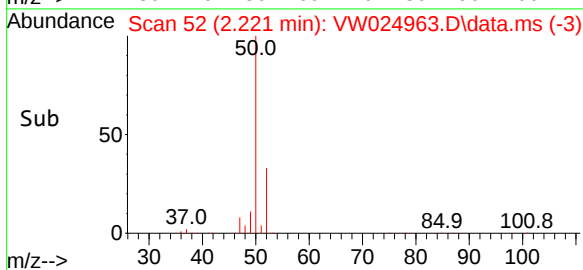
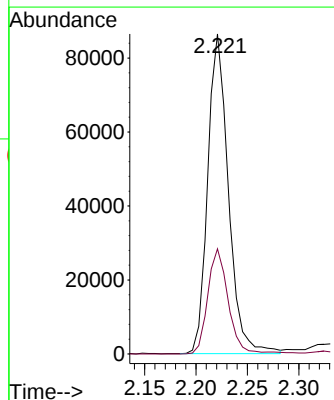
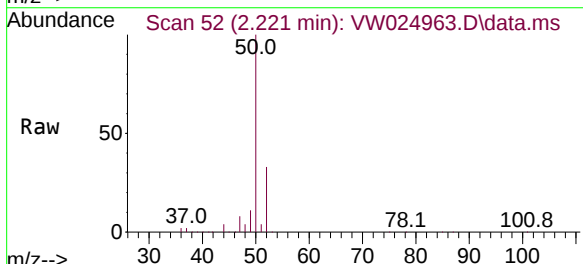
Instrument :
 MSVOA_W
 ClientSampleId :
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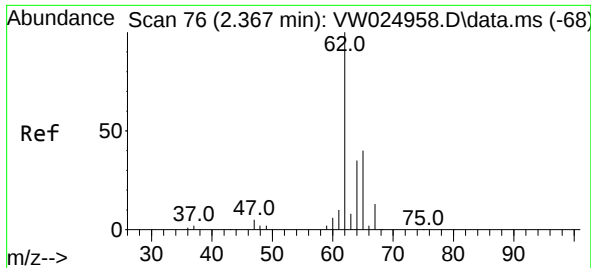
Tgt Ion: 85 Resp: 43862
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.8 40.2



#3
 Chloromethane
 Concen: 24.750 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW024963.D
 Acq: 24 Oct 2022 13:23

Tgt Ion: 50 Resp: 121057
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.1 42.9

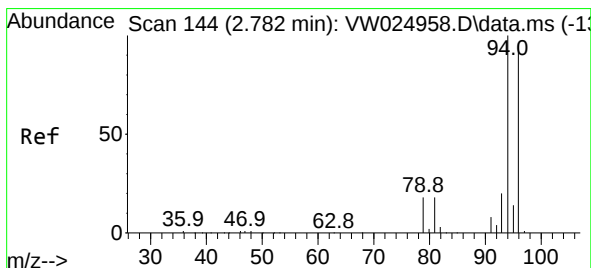
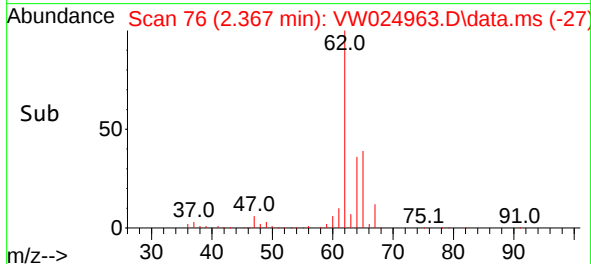
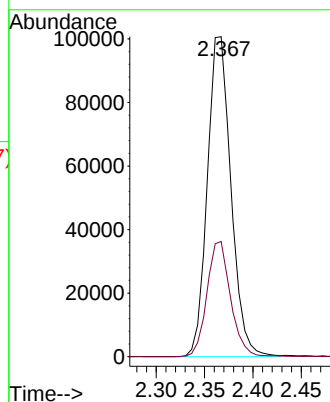
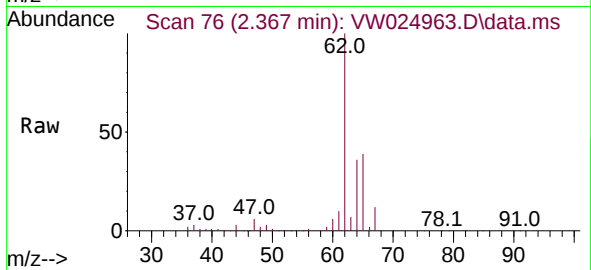




#5
 Vinyl chloride
 Concen: 25.689 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW024963.D
 Acq: 24 Oct 2022 13:23

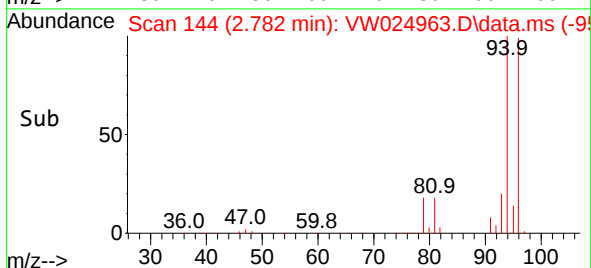
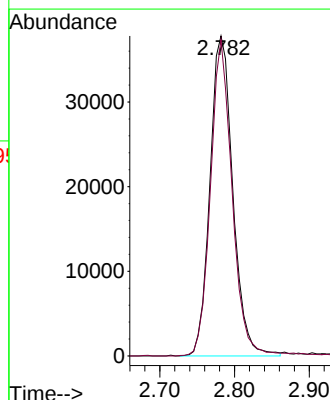
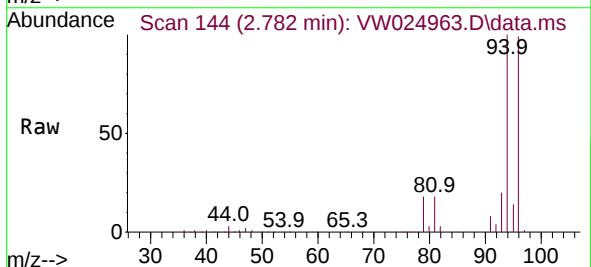
Instrument :
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 ClientSampleId :
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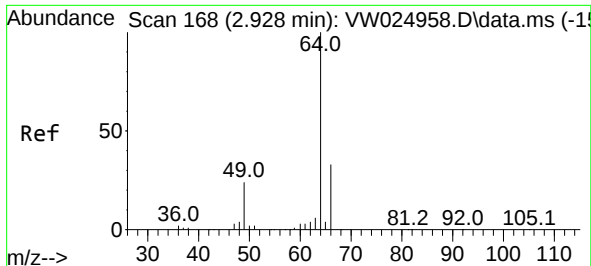
Tgt Ion: 62 Resp: 171424
 Ion Ratio Lower Upper
 62 100
 64 36.0 24.7 45.9



#6
 Bromomethane
 Concen: 24.768 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW024963.D
 Acq: 24 Oct 2022 13:23

Tgt Ion: 94 Resp: 80276
 Ion Ratio Lower Upper
 94 100
 96 98.9 61.4 114.0

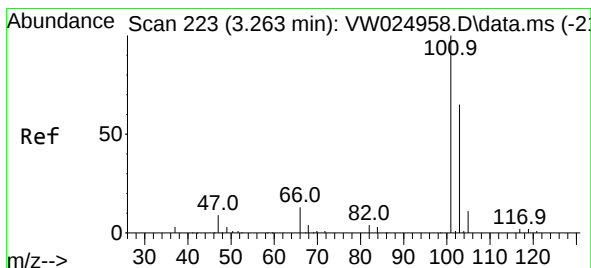
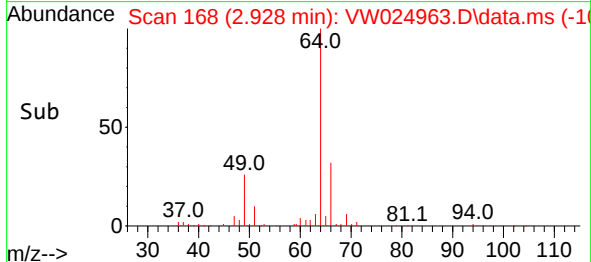
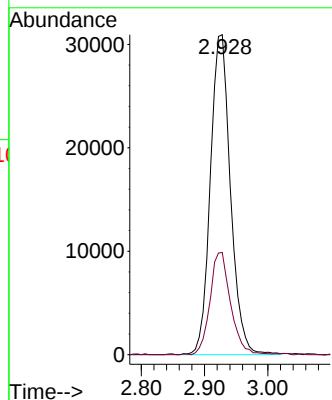
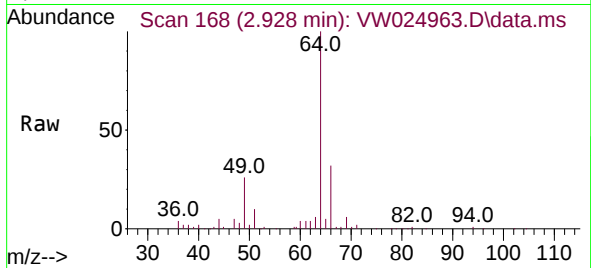




#8
Chloroethane
Concen: 24.596 ug/L
RT: 2.928 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

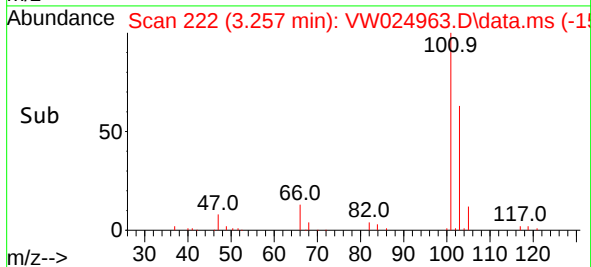
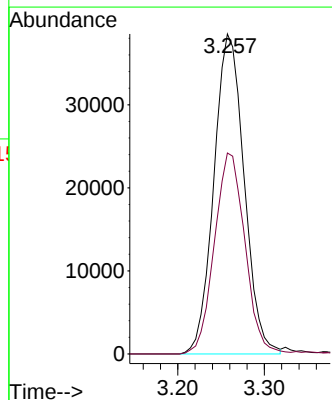
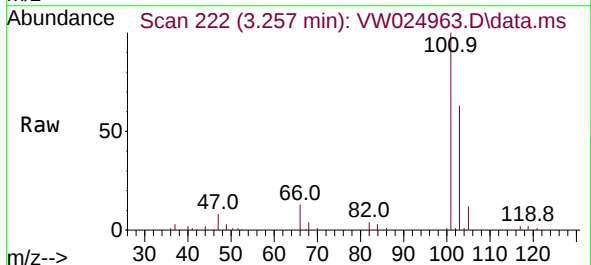
Instrument :
MSVOA_W
ClientSampleId :
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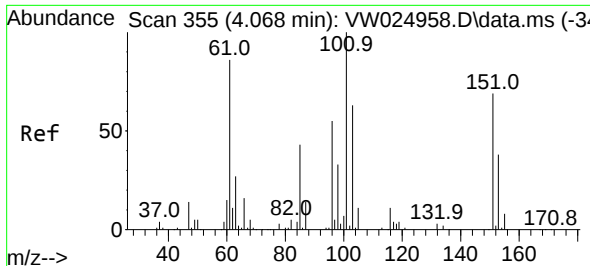
Tgt Ion: 64 Resp: 68389
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 28.321 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

Tgt Ion:101 Resp: 93484
Ion Ratio Lower Upper
101 100
103 63.3 52.9 79.3

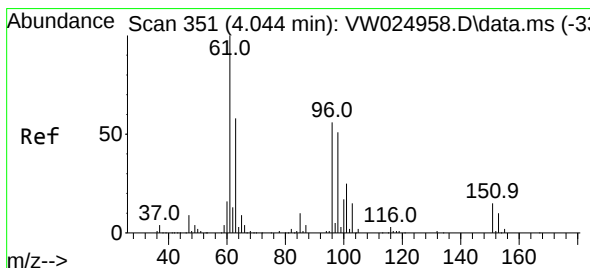
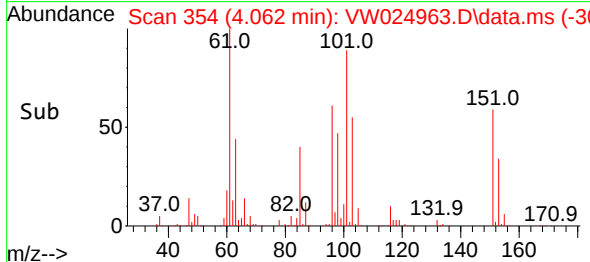
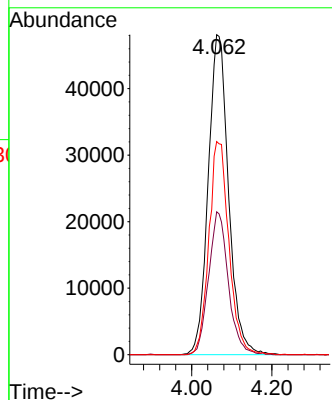
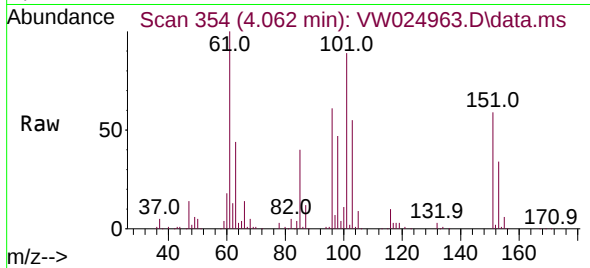




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.165 ug/L
RT: 4.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

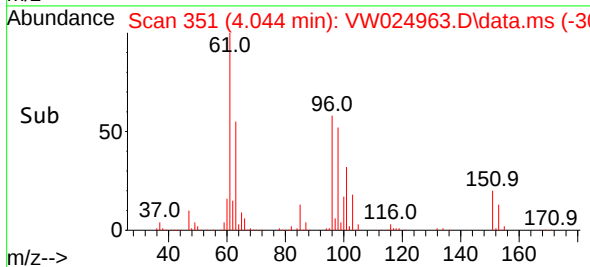
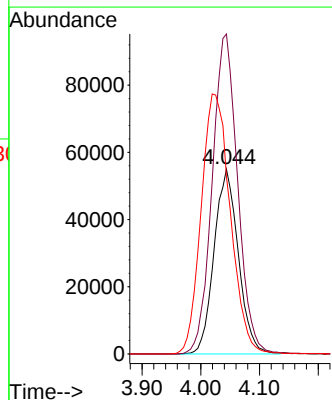
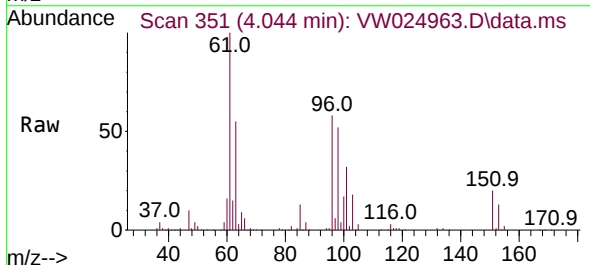
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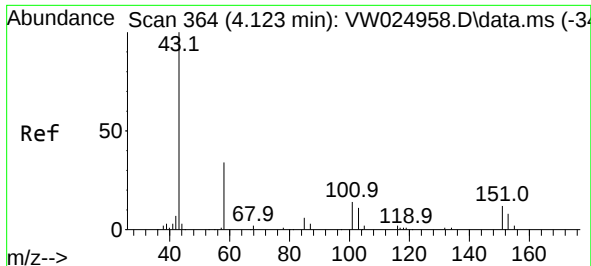
Tgt Ion:101 Resp: 169128
Ion Ratio Lower Upper
101 100
85 43.3 33.6 50.4
151 65.5 52.0 78.0



#12
1,1-Dichloroethene
Concen: 24.750 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

Tgt Ion: 96 Resp: 157396
Ion Ratio Lower Upper
96 100
61 173.1 122.4 227.2
63 95.9 92.1 171.1

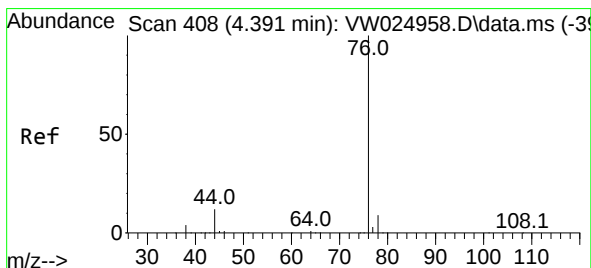
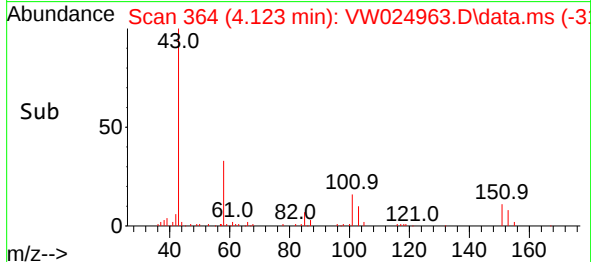
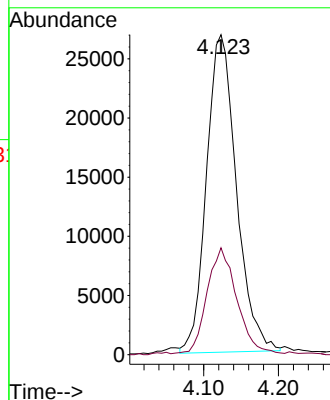
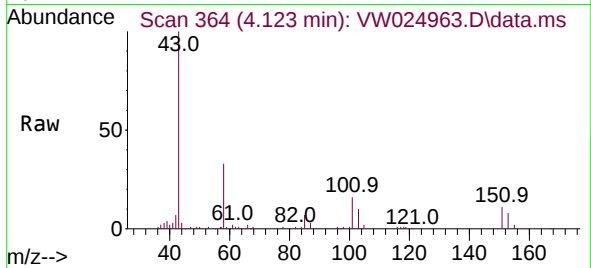




#13
Acetone
Concen: 60.913 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW024963.D
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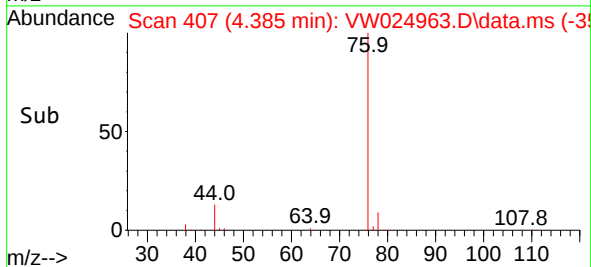
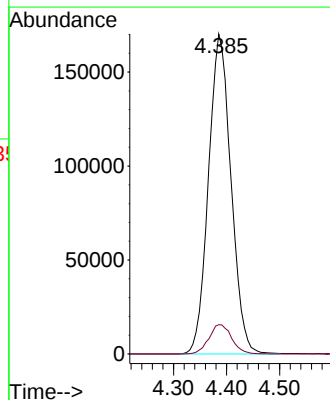
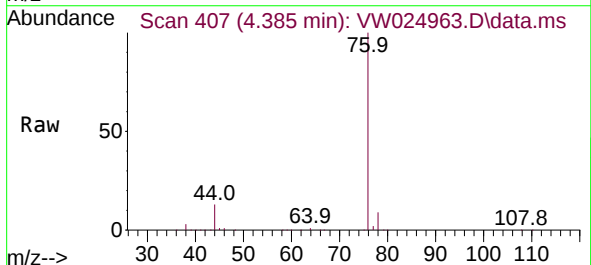
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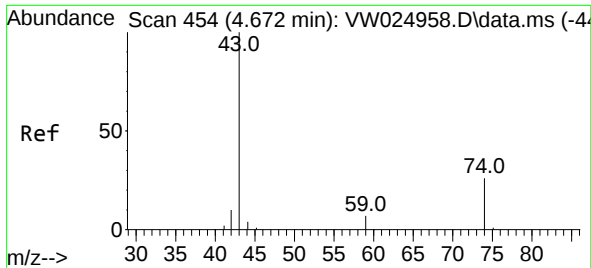
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Ion Ratio Lower Upper
43 100
58 33.9 0.0 64.2



#14
Carbon disulfide
Concen: 24.196 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

Tgt Ion: 76 Resp: 502614
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

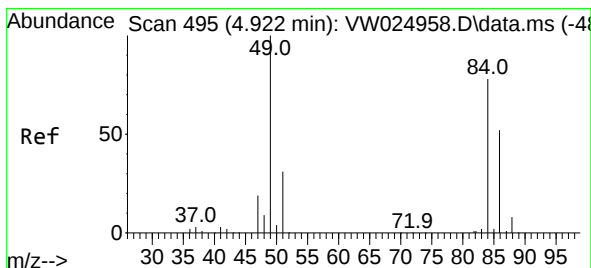
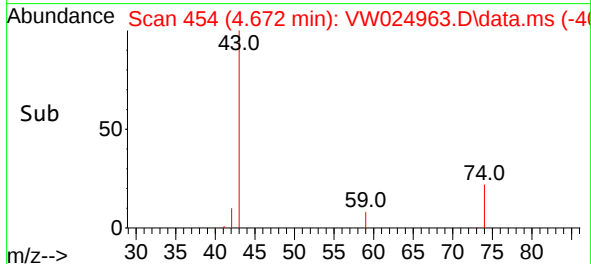
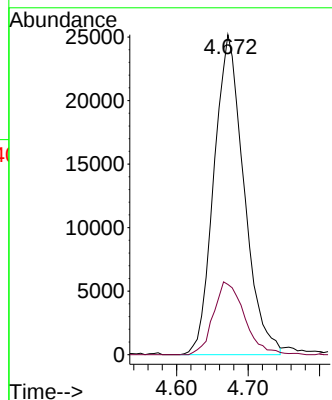
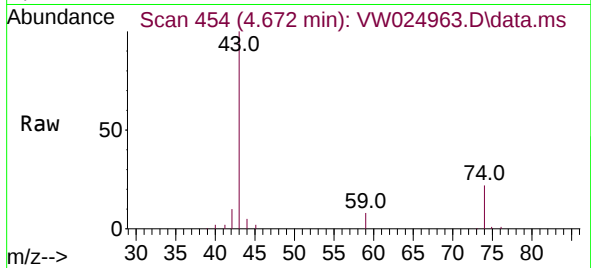




#15
Methyl Acetate
Concen: 24.552 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

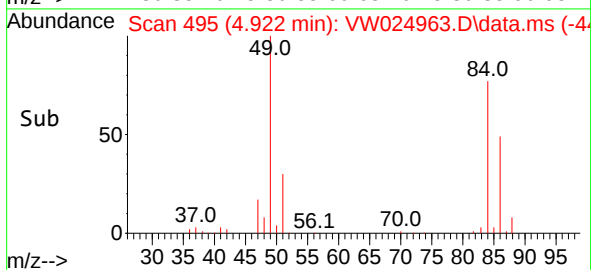
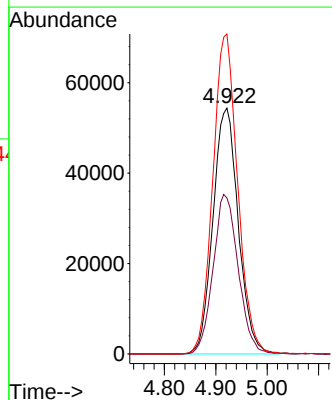
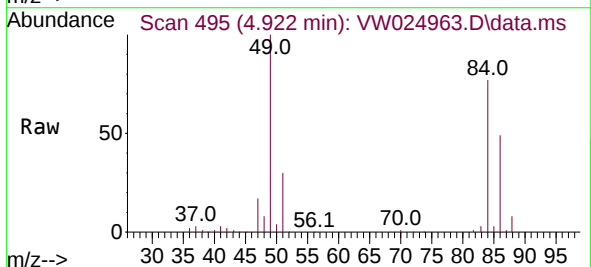
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

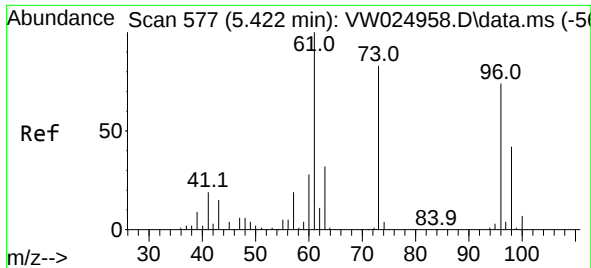
Tgt Ion: 43 Resp: 73368
Ion Ratio Lower Upper
43 100
74 23.1 19.0 28.6



#16
Methylene chloride
Concen: 22.440 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

Tgt Ion: 84 Resp: 185985
Ion Ratio Lower Upper
84 100
86 63.4 45.5 84.5
49 130.1 90.9 168.9

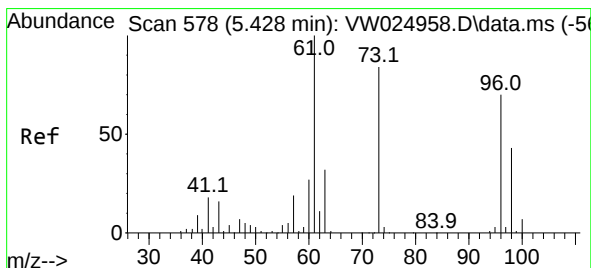
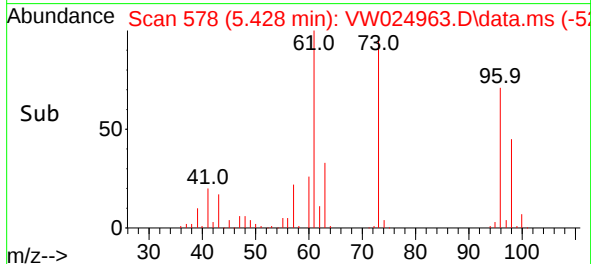
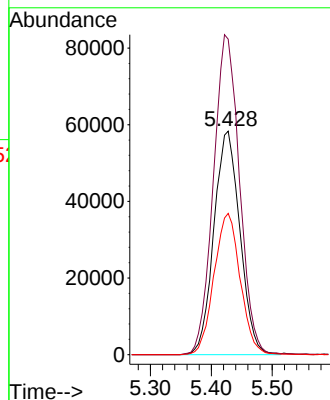
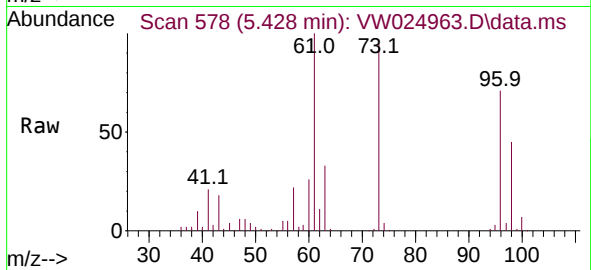




#17
trans-1,2-Dichloroethene
Concen: 25.042 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

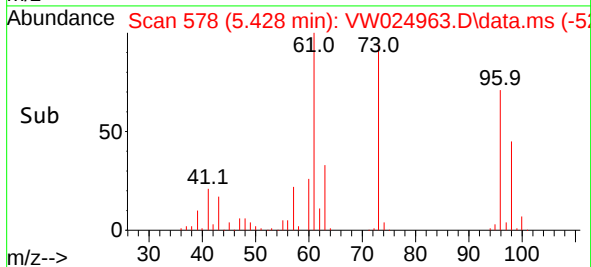
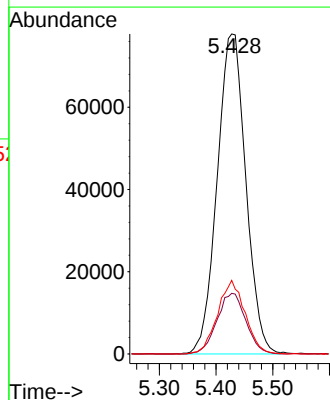
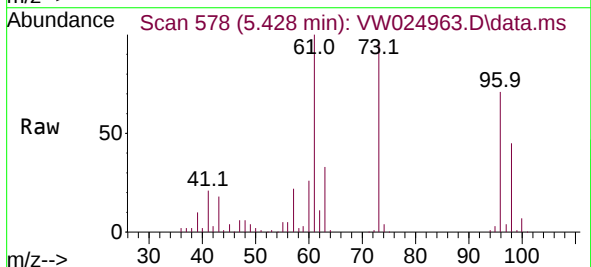
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

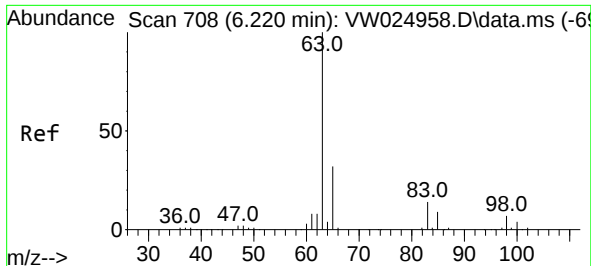
Tgt Ion: 96 Resp: 173352
Ion Ratio Lower Upper
96 100
61 141.2 102.2 189.8
98 63.2 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 26.571 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

Tgt Ion: 73 Resp: 273329
Ion Ratio Lower Upper
73 100
43 19.1 15.8 23.6
57 22.1 18.2 27.4





#19

1,1-Dichloroethane

Concen: 24.984 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW024963.D

Acq: 24 Oct 2022 13:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

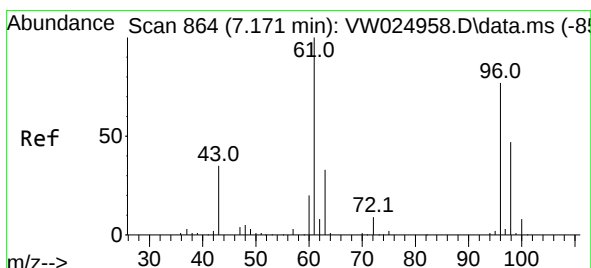
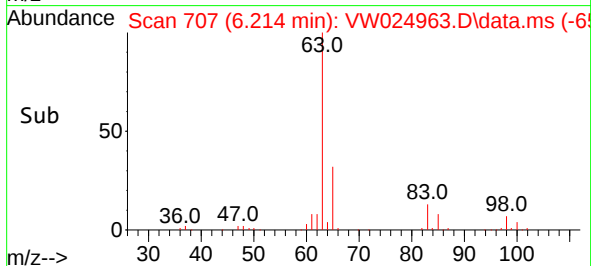
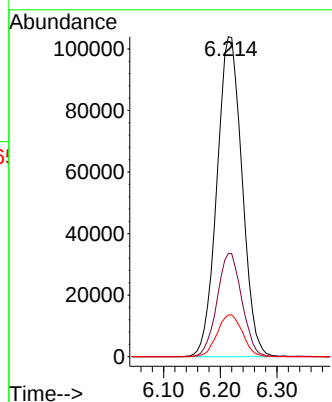
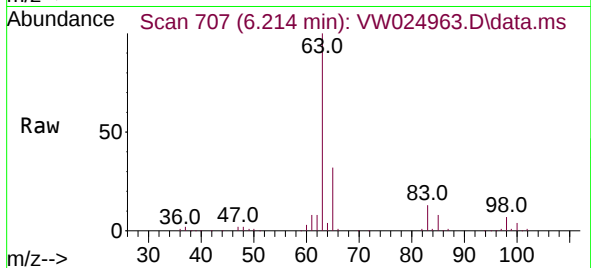
Tgt Ion: 63 Resp: 319967

Ion Ratio Lower Upper

63 100

65 32.2 22.4 41.6

83 13.1 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 24.777 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW024963.D

Acq: 24 Oct 2022 13:23

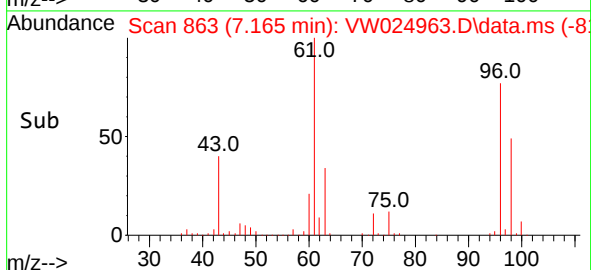
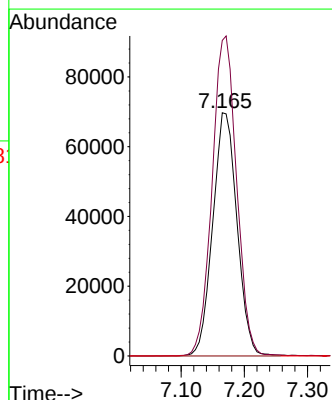
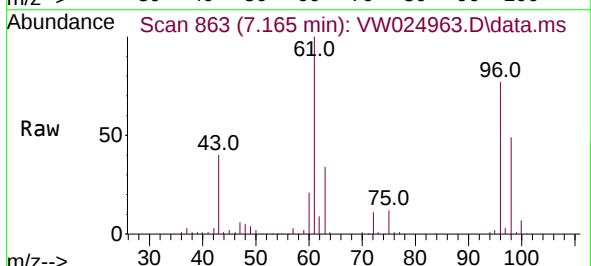
Tgt Ion: 96 Resp: 185368

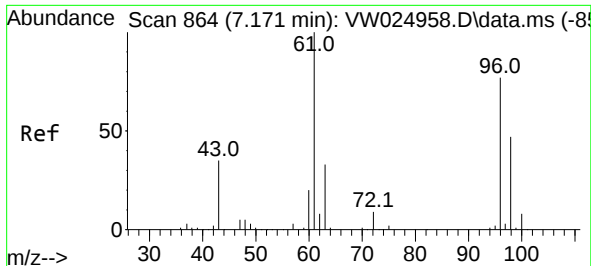
Ion Ratio Lower Upper

96 100

61 129.7 90.9 168.7

68 0.0 0.0 0.0

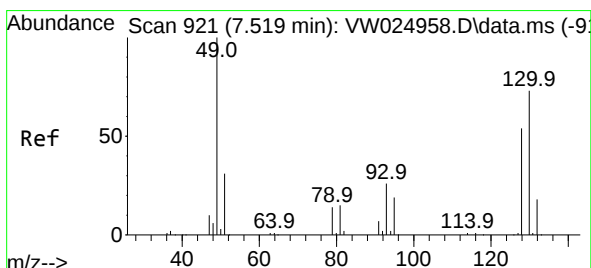
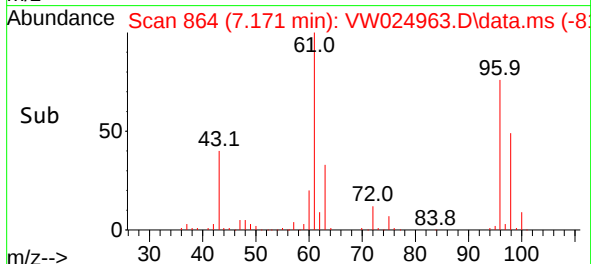
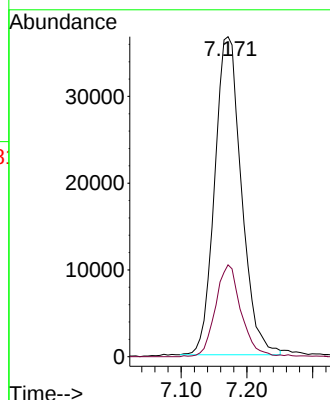
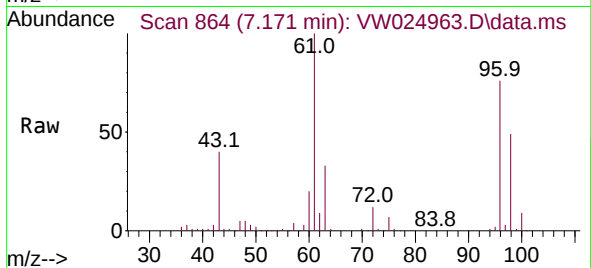




#22
2-Butanone
Concen: 50.756 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

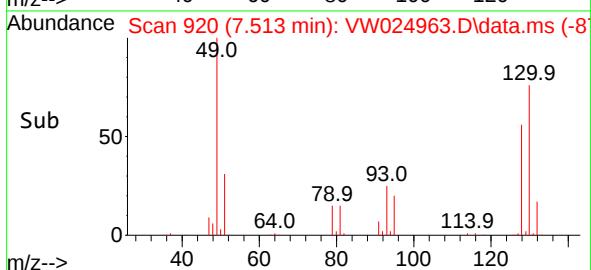
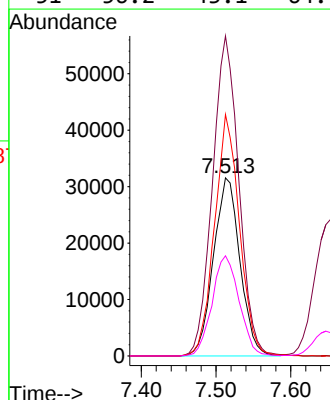
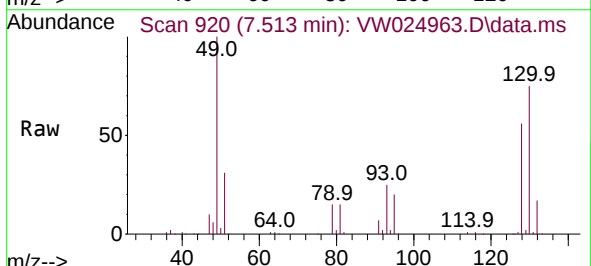
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

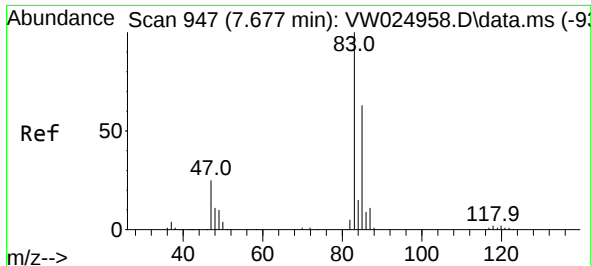
Tgt Ion: 43 Resp: 103965
Ion Ratio Lower Upper
43 100
72 27.2 14.1 42.3



#23
Bromochloromethane
Concen: 25.417 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

Tgt Ion: 128 Resp: 77780
Ion Ratio Lower Upper
128 100
49 179.6 122.7 227.9
130 135.5 86.0 159.8
51 56.2 43.1 64.7

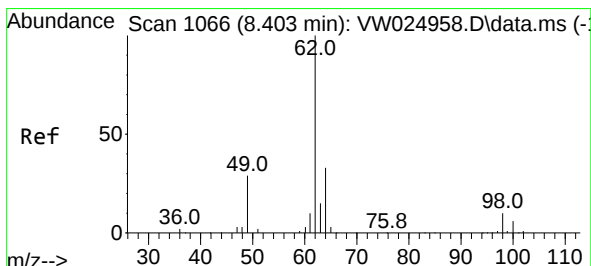
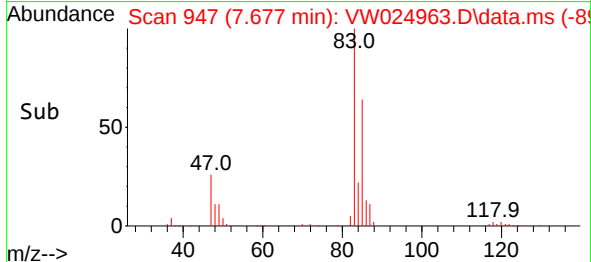
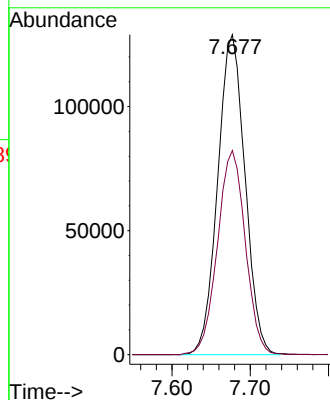
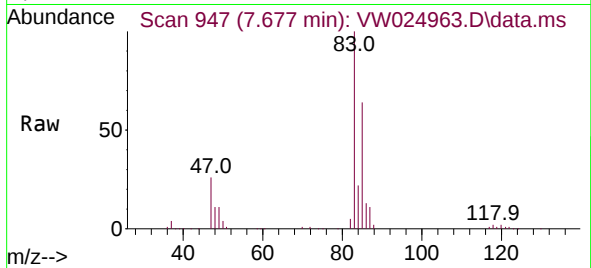




#25
Chloroform
Concen: 24.863 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

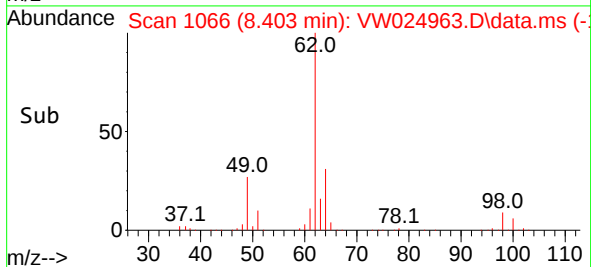
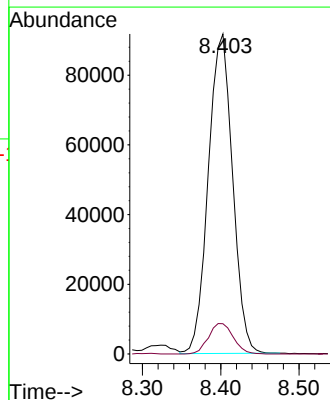
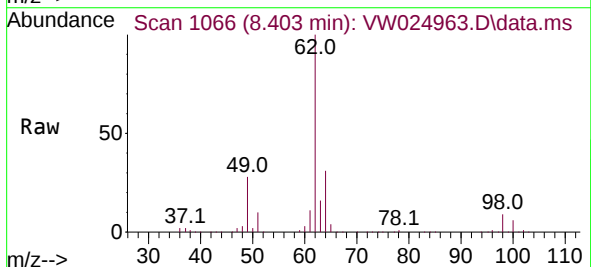
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

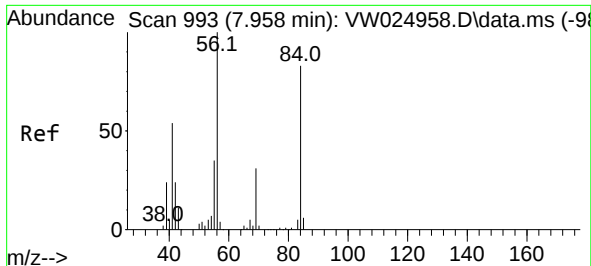
Tgt Ion: 83 Resp: 312542
Ion Ratio Lower Upper
83 100
85 63.8 45.3 84.1



#27
1,2-Dichloroethane
Concen: 24.320 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

Tgt Ion: 62 Resp: 197690
Ion Ratio Lower Upper
62 100
98 9.5 7.8 11.6

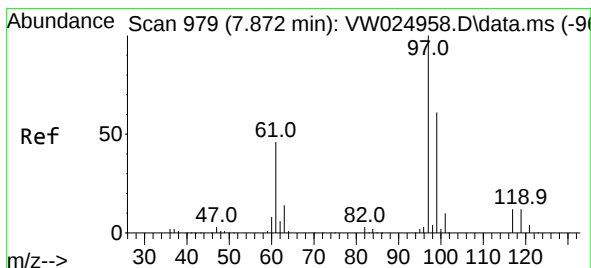
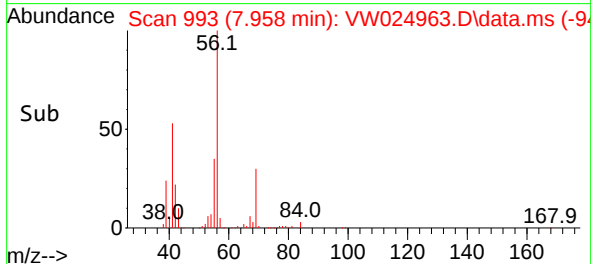
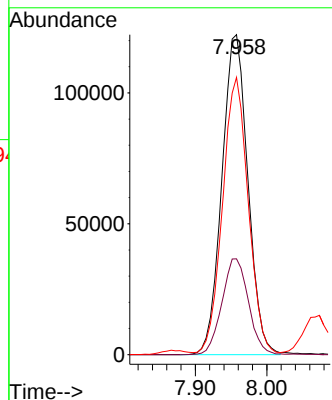
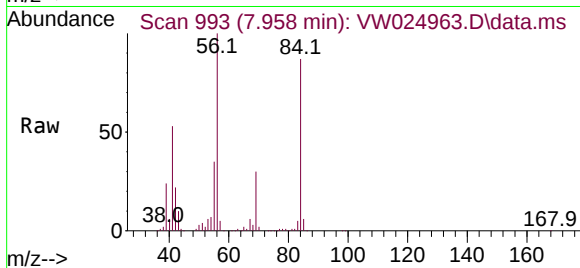




#29
Cyclohexane
Concen: 24.836 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

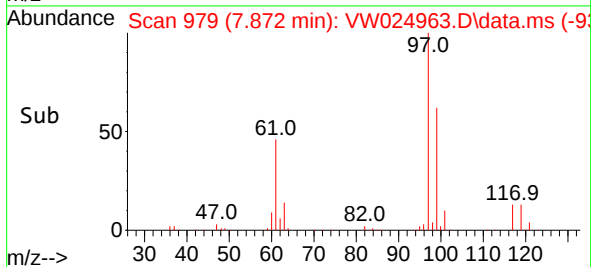
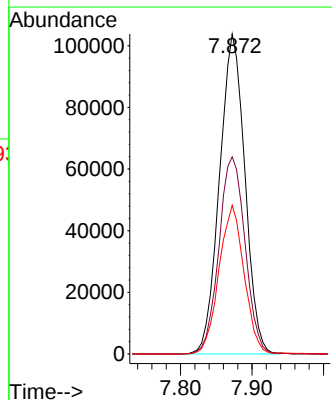
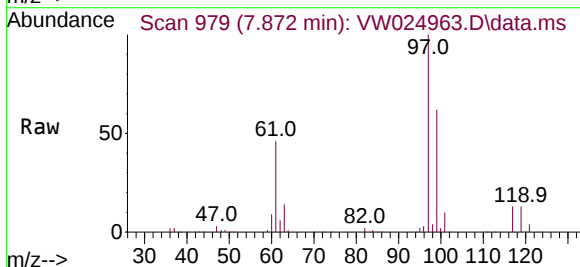
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

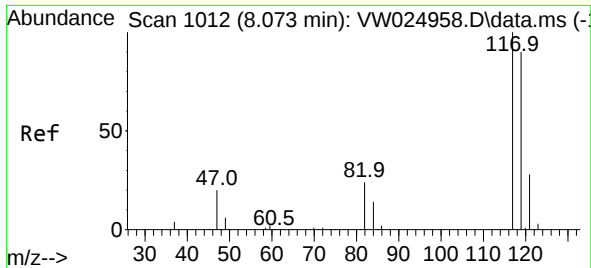
Tgt Ion: 56 Resp: 308633
Ion Ratio Lower Upper
56 100
69 30.5 24.2 36.2
84 86.0 67.7 101.5



#30
1,1,1-Trichloroethane
Concen: 25.980 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

Tgt Ion: 97 Resp: 255665
Ion Ratio Lower Upper
97 100
99 63.4 51.2 76.8
61 45.9 37.3 55.9

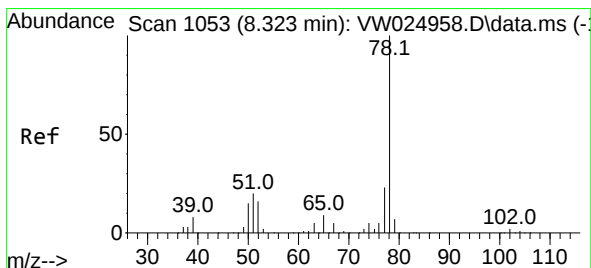
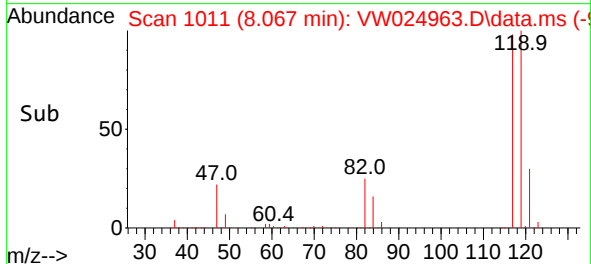
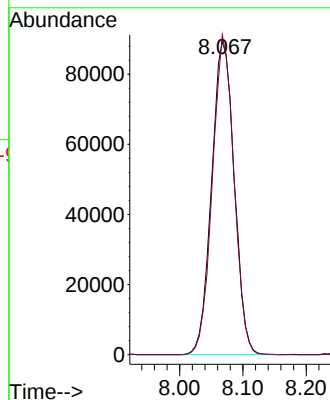
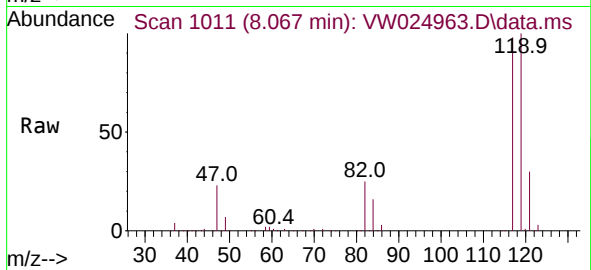




#31
Carbon tetrachloride
Concen: 25.636 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

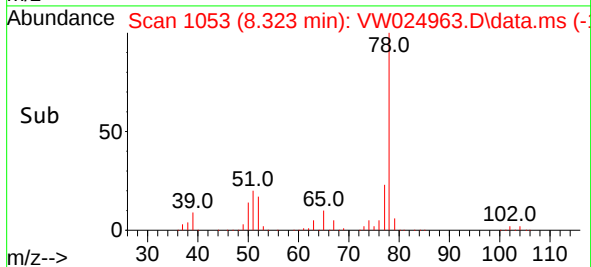
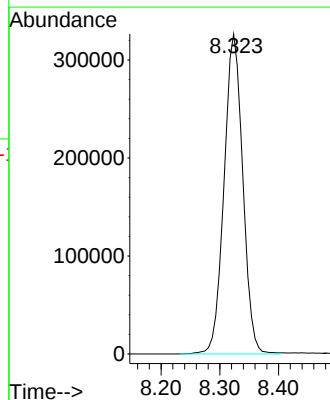
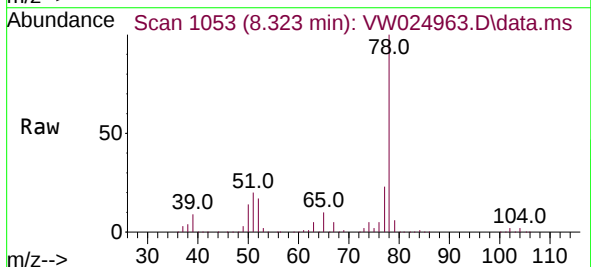
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

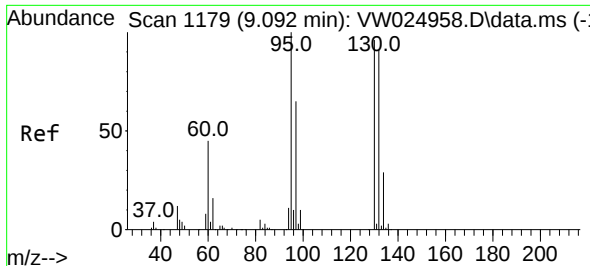
Tgt Ion:117 Resp: 221499
Ion Ratio Lower Upper
117 100
119 97.6 75.1 112.7



#33
Benzene
Concen: 24.871 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

Tgt Ion: 78 Resp: 724022

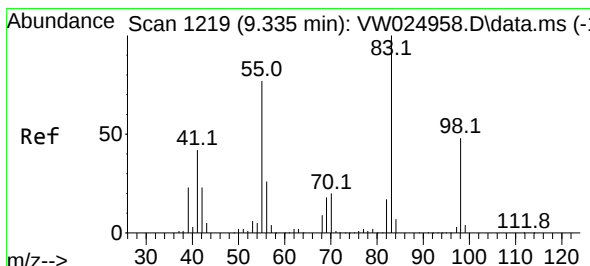
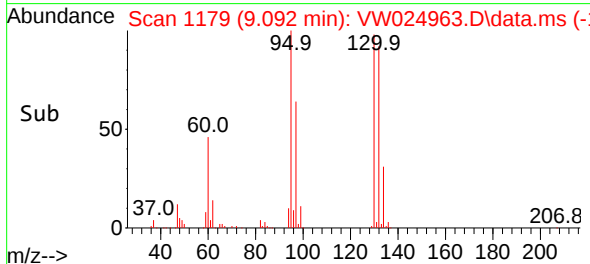
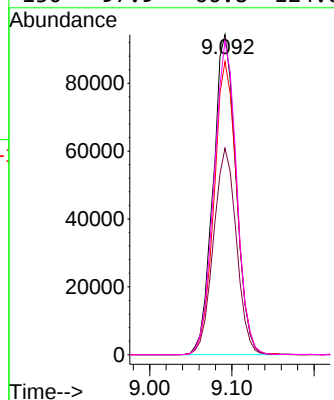
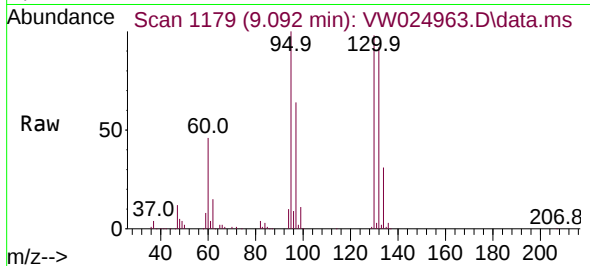




#34
Trichloroethene
Concen: 24.772 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

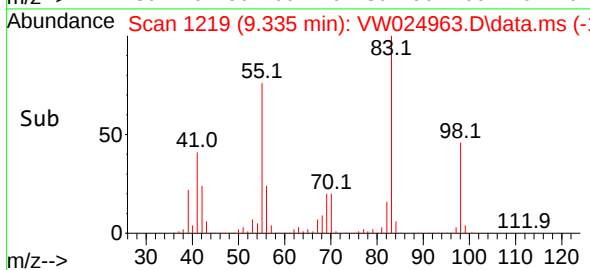
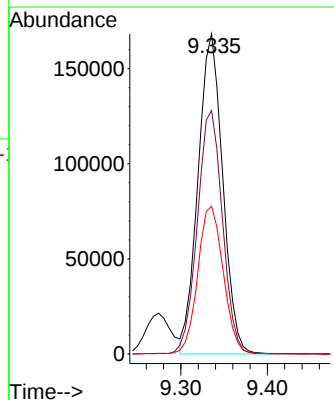
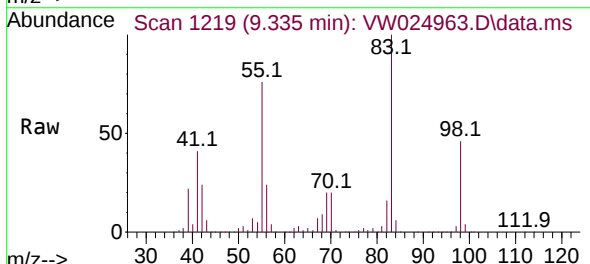
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

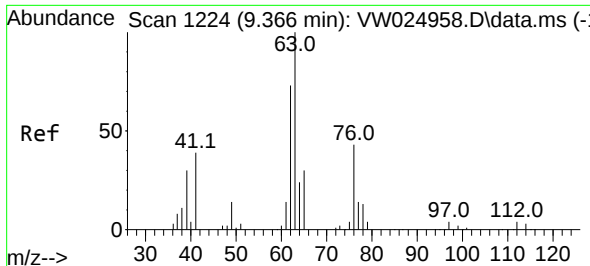
Tgt Ion: 95 Resp: 181608
Ion Ratio Lower Upper
95 100
97 64.5 44.2 82.0
132 91.6 62.9 116.7
130 97.9 66.8 124.0



#35
Methylcyclohexane
Concen: 25.236 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

Tgt Ion: 83 Resp: 332970
Ion Ratio Lower Upper
83 100
55 77.2 62.5 93.7
98 47.7 37.2 55.8





#37

1,2-Dichloropropane

Concen: 24.755 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024963.D

Acq: 24 Oct 2022 13:23

Instrument :

MSVOA_W

ClientSampleId :

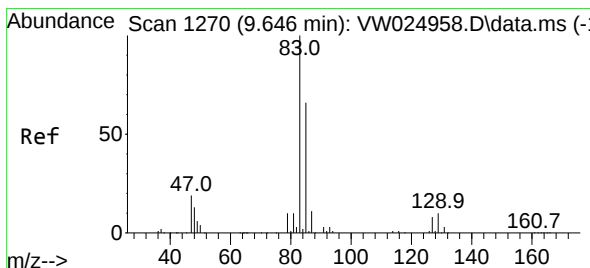
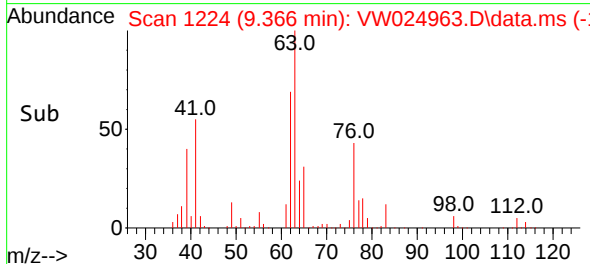
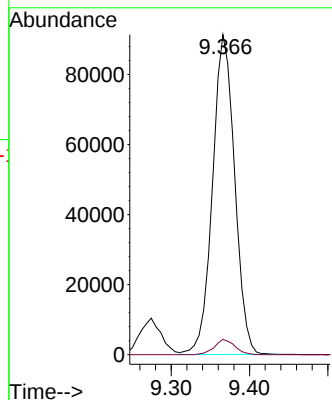
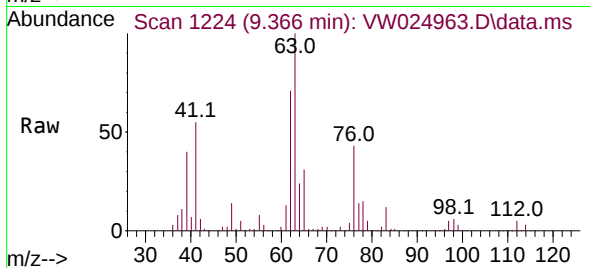
VSTD025595

Tgt Ion: 63 Resp: 179594

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 25.331 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW024963.D

Acq: 24 Oct 2022 13:23

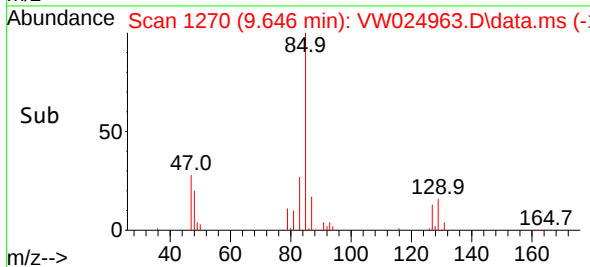
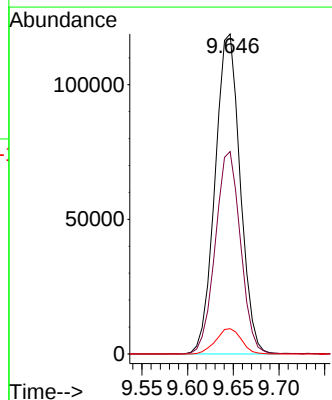
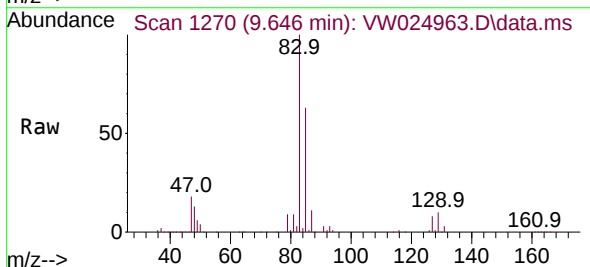
Tgt Ion: 83 Resp: 227061

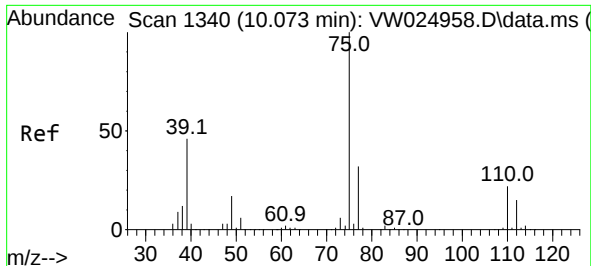
Ion Ratio Lower Upper

83 100

85 63.3 43.6 81.0

127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 26.336 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW024963.D

Acq: 24 Oct 2022 13:23

Instrument :

MSVOA_W

ClientSampleId :

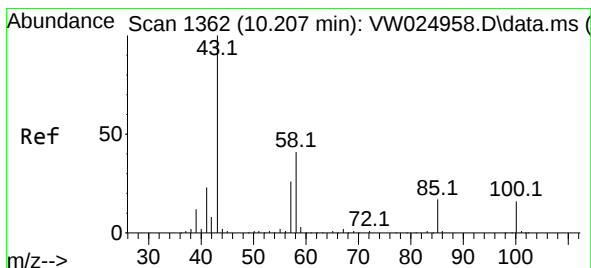
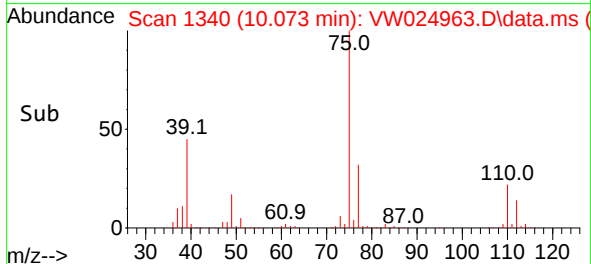
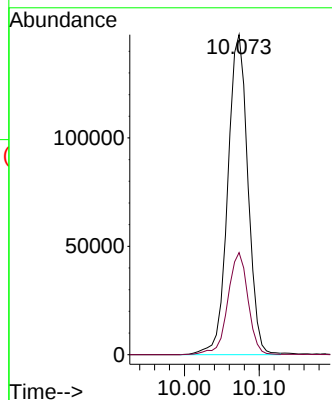
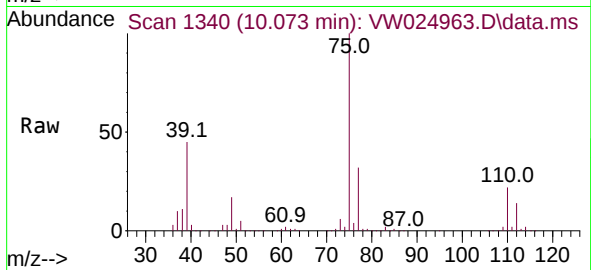
VSTD025595

Tgt Ion: 75 Resp: 276172

Ion Ratio Lower Upper

75 100

77 31.9 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 48.995 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024963.D

Acq: 24 Oct 2022 13:23

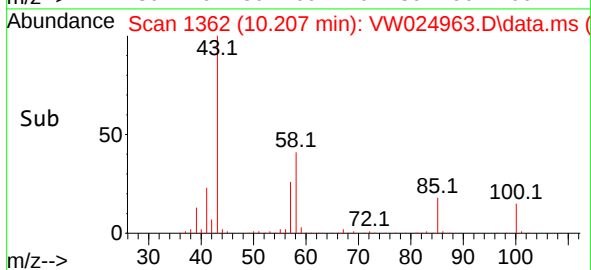
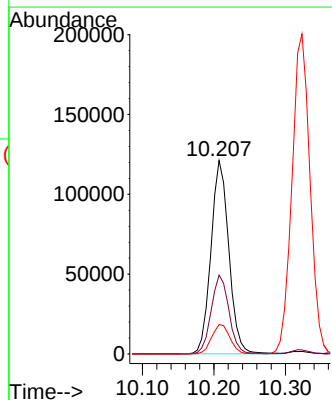
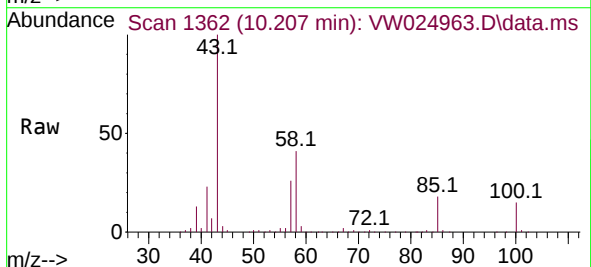
Tgt Ion: 43 Resp: 210091

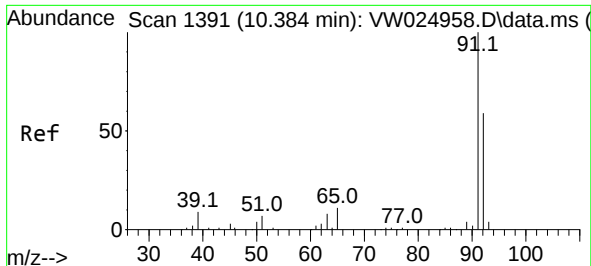
Ion Ratio Lower Upper

43 100

58 40.7 32.1 48.1

100 15.7 12.8 19.2

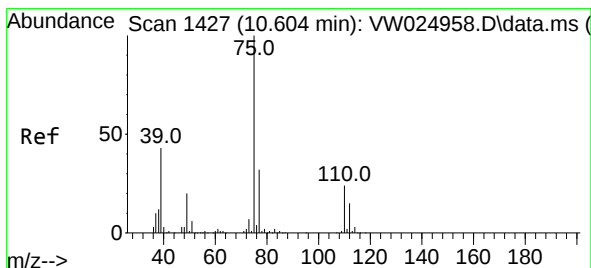
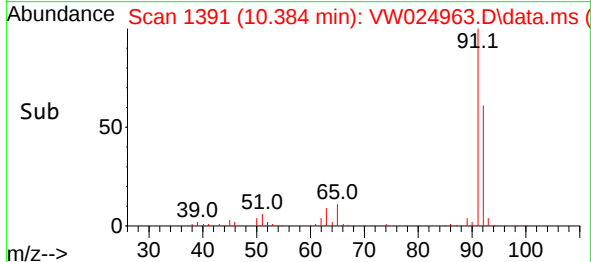
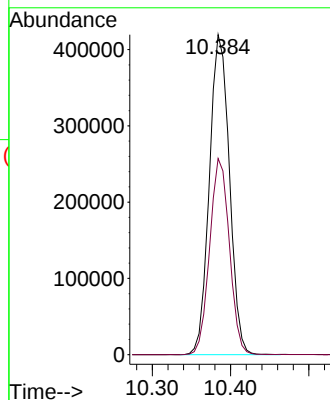
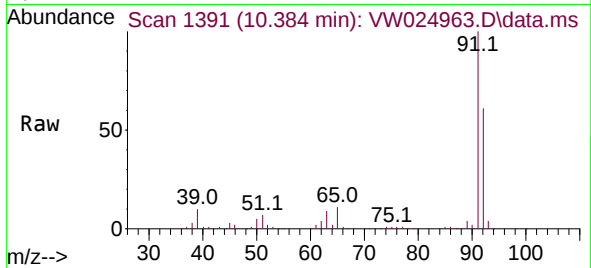




#42
Toluene
Concen: 24.933 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

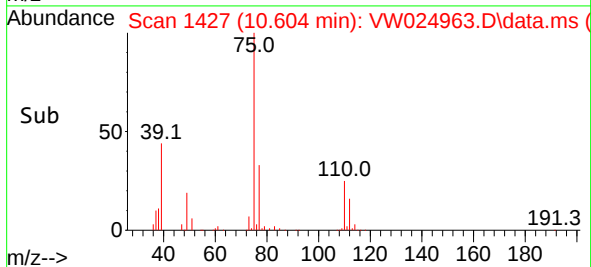
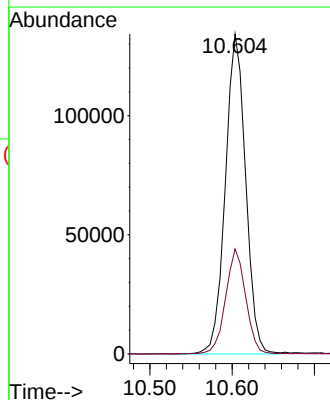
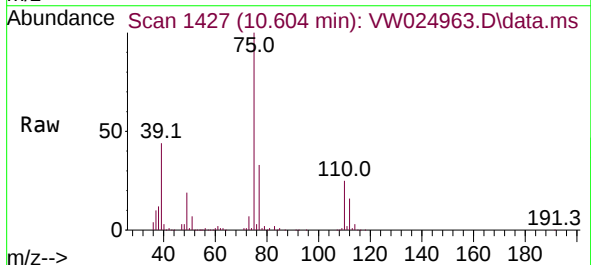
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

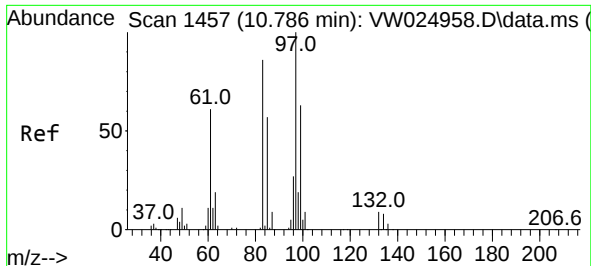
Tgt Ion: 91 Resp: 744167
Ion Ratio Lower Upper
91 100
92 61.3 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 26.479 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

Tgt Ion: 75 Resp: 230535
Ion Ratio Lower Upper
75 100
77 32.8 23.0 42.6



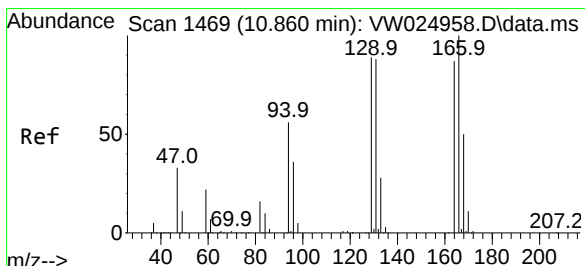
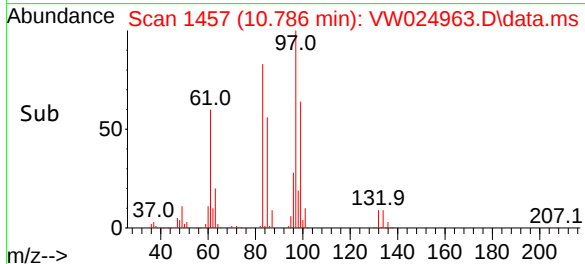
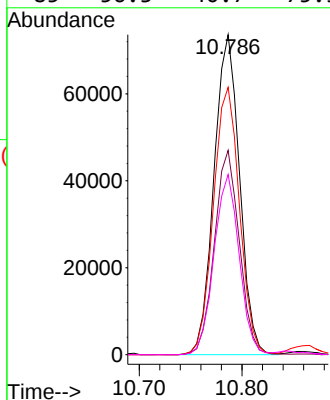
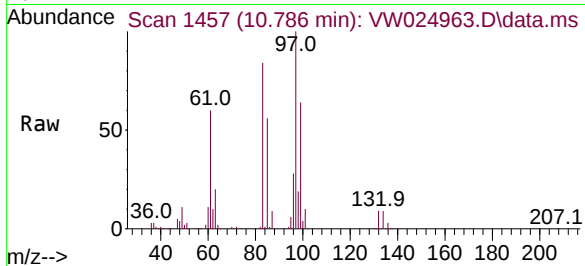


#45
1,1,2-Trichloroethane
Concen: 25.054 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

Tgt Ion: 97 Resp: 126963

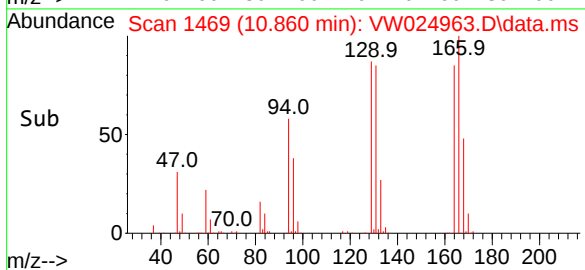
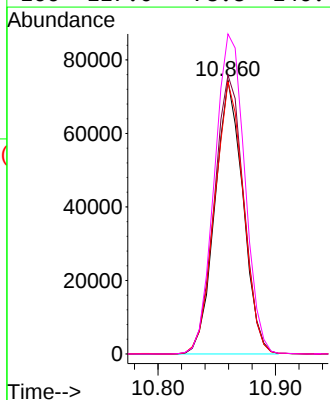
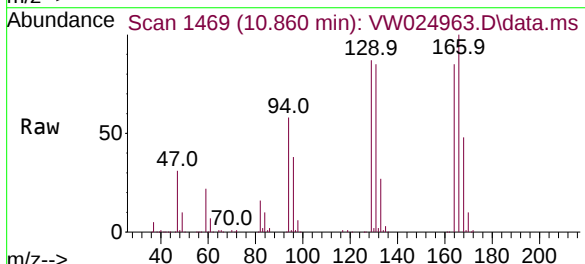
Ion	Ratio	Lower	Upper
97	100		
99	63.9	44.7	83.1
83	83.6	59.6	110.8
85	56.3	40.7	75.5

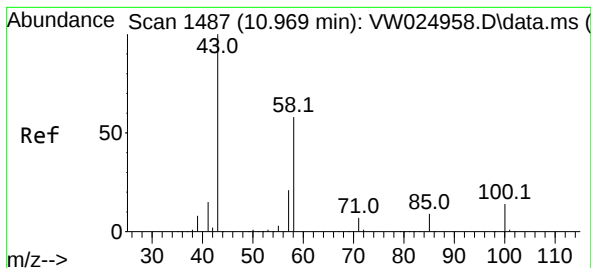


#46
Tetrachloroethene
Concen: 24.805 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

Tgt Ion: 164 Resp: 123647

Ion	Ratio	Lower	Upper
164	100		
129	102.0	78.7	146.1
131	99.5	71.1	132.1
166	117.0	78.8	146.4

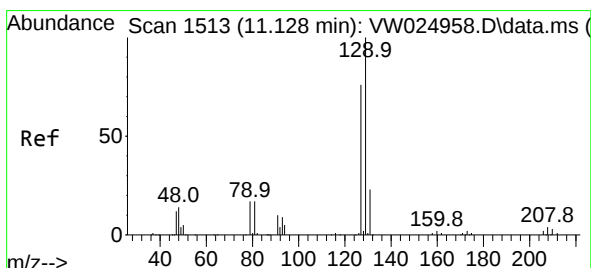
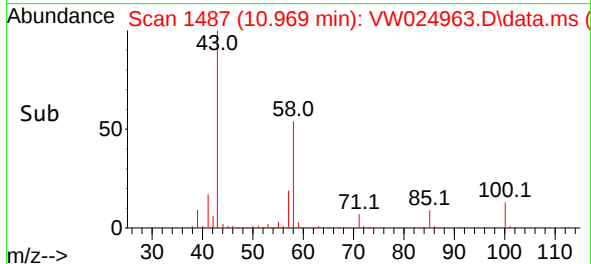
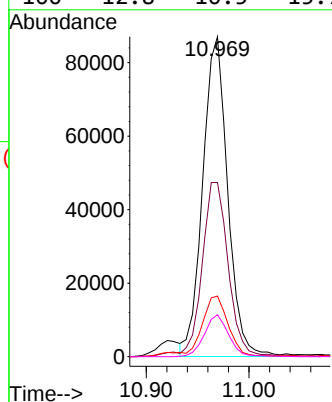
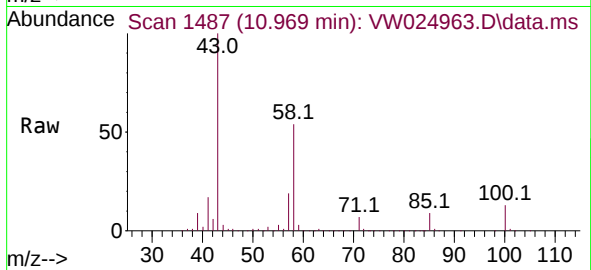




#48
2-Hexanone
Concen: 50.597 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

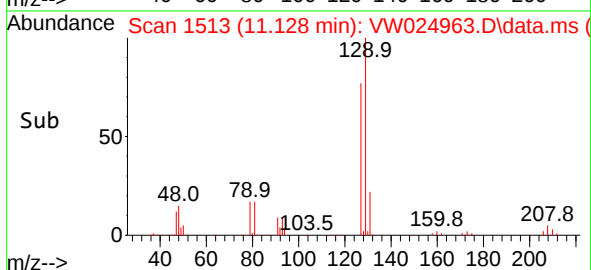
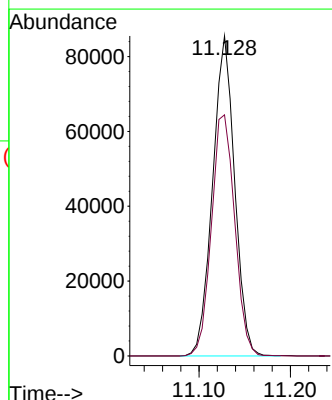
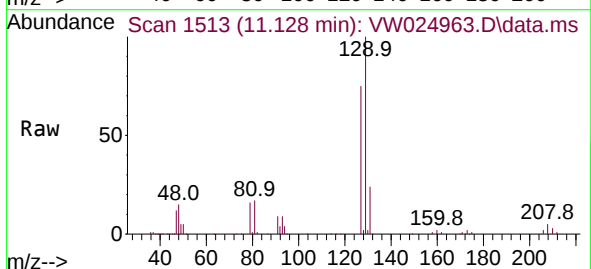
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

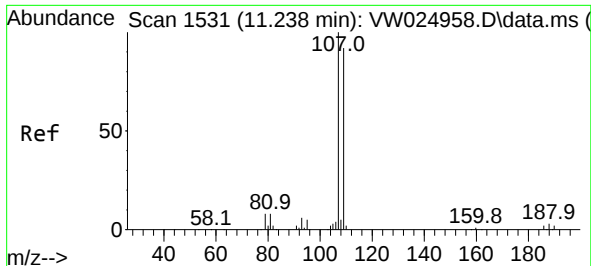
Tgt Ion:	43	Resp:	147101
Ion	Ratio	Lower	Upper
43	100		
58	56.4	47.0	70.6
57	18.9	16.0	24.0
100	12.8	10.5	15.7



#49
Dibromochloromethane
Concen: 25.500 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

Tgt Ion:	129	Resp:	143047
Ion	Ratio	Lower	Upper
129	100		
127	75.3	53.9	100.1





#50

1,2-Dibromoethane

Concen: 25.475 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW024963.D

Acq: 24 Oct 2022 13:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

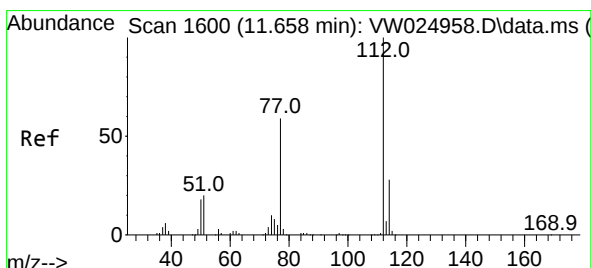
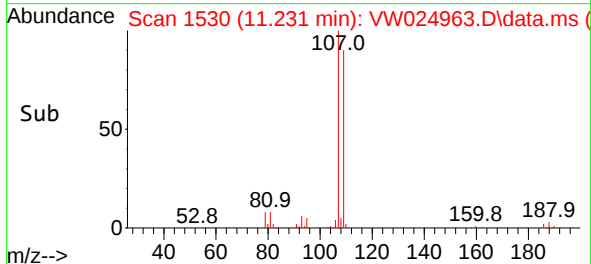
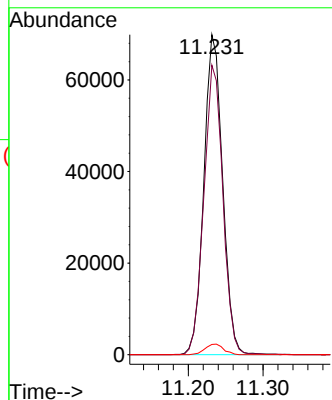
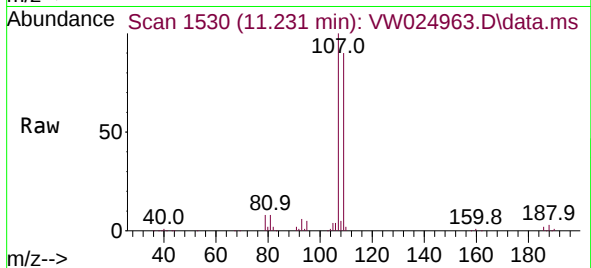
Tgt Ion:107 Resp: 121615

Ion Ratio Lower Upper

107 100

109 90.4 62.8 116.6

188 3.2 2.2 3.2



#51

Chlorobenzene

Concen: 24.951 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW024963.D

Acq: 24 Oct 2022 13:23

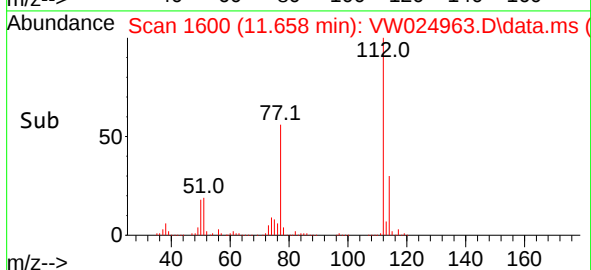
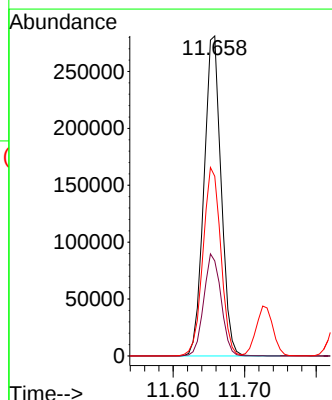
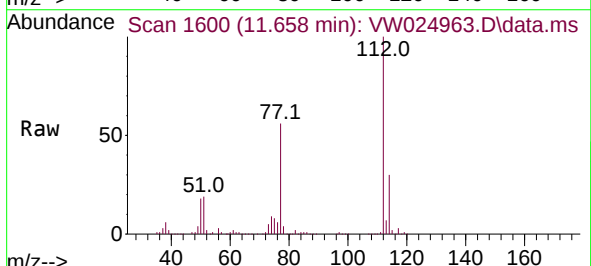
Tgt Ion:112 Resp: 468061

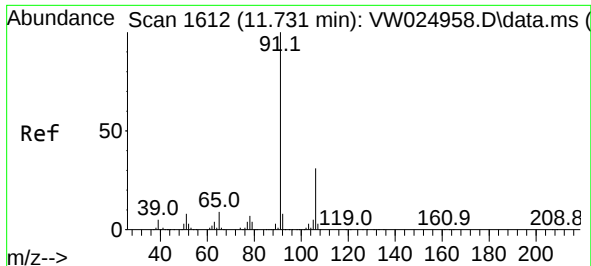
Ion Ratio Lower Upper

112 100

114 29.7 22.7 42.3

77 56.2 49.8 74.8

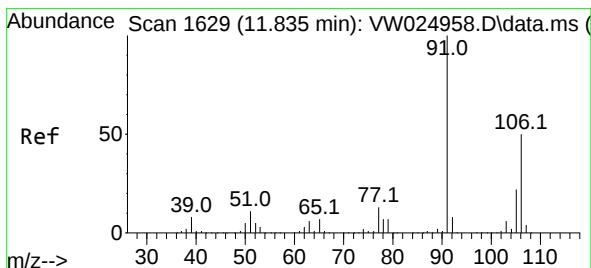
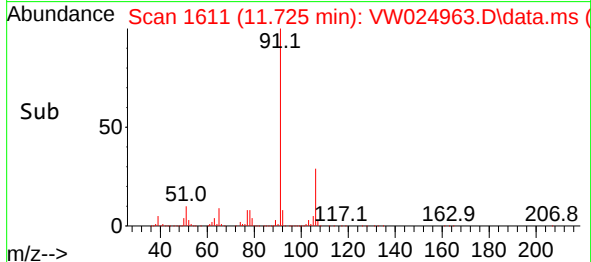
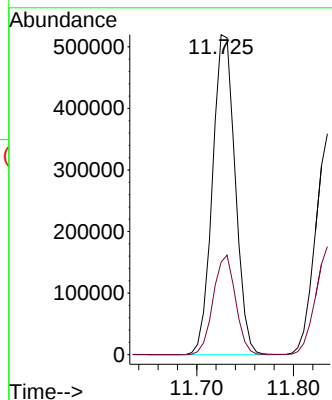
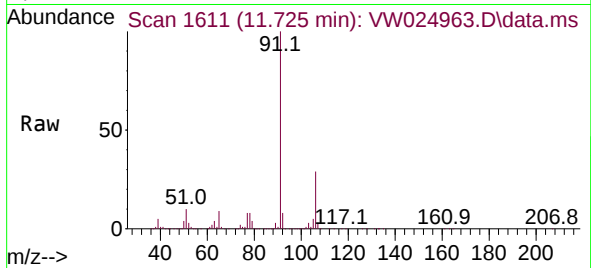




#52
Ethylbenzene
Concen: 25.383 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

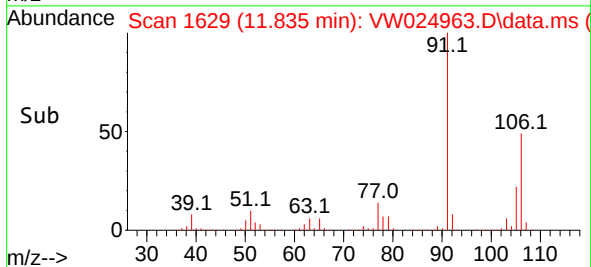
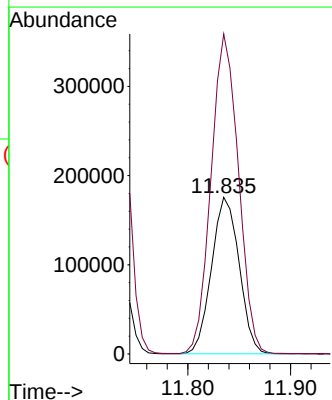
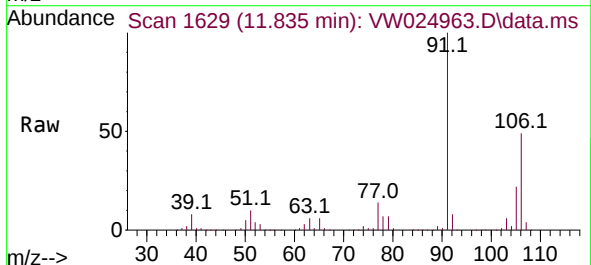
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

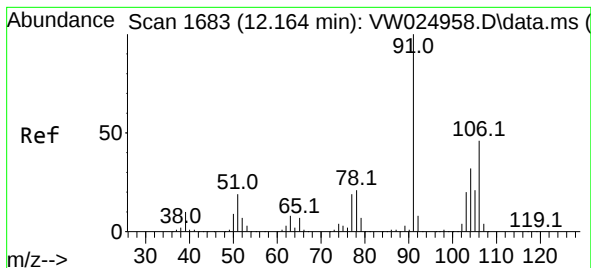
Tgt Ion: 91 Resp: 848346
Ion Ratio Lower Upper
91 100
106 28.9 20.1 37.3



#53
m,p-Xylene
Concen: 25.796 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

Tgt Ion:106 Resp: 327557
Ion Ratio Lower Upper
106 100
91 204.3 147.4 273.8

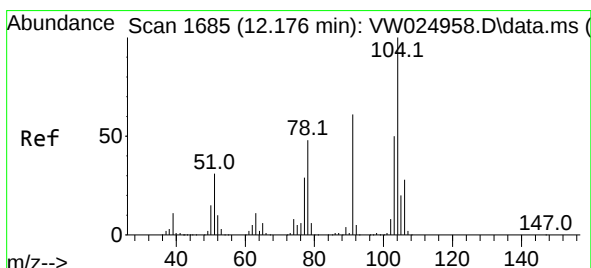
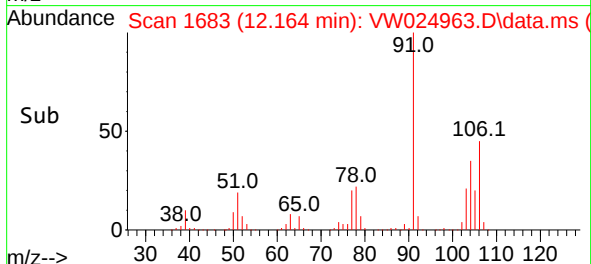
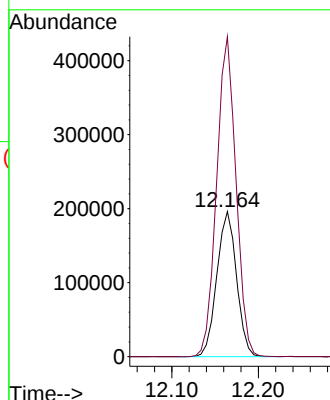
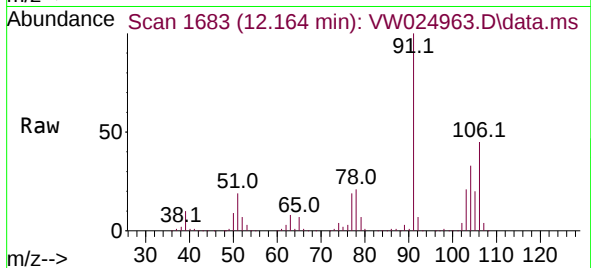




#54
o-Xylene
Concen: 25.609 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

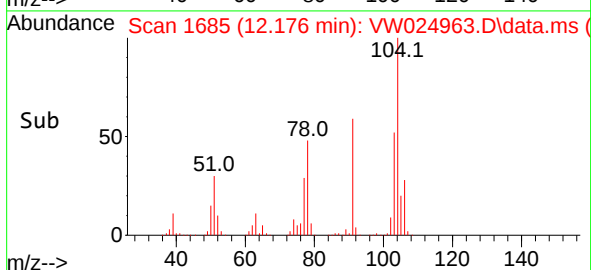
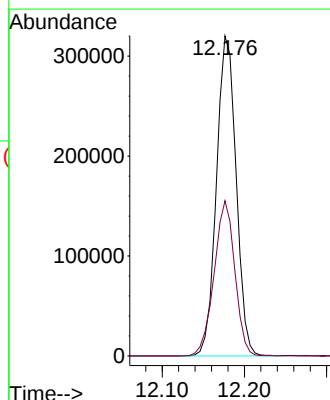
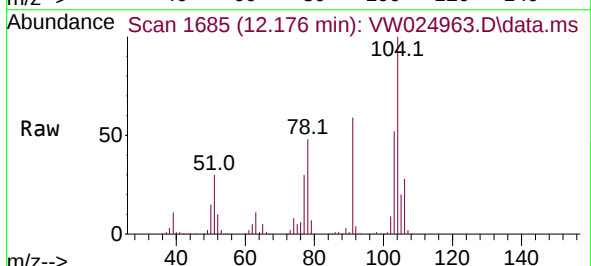
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

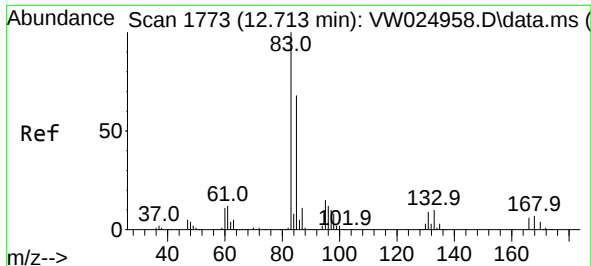
Tgt Ion:106 Resp: 309628
Ion Ratio Lower Upper
106 100
91 220.4 151.0 280.4



#55
Styrene
Concen: 25.702 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

Tgt Ion:104 Resp: 532980
Ion Ratio Lower Upper
104 100
78 48.5 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 25.021 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024963.D

Acq: 24 Oct 2022 13:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

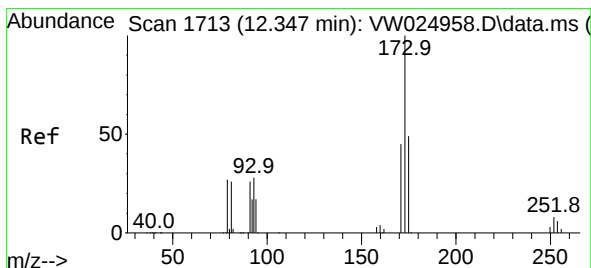
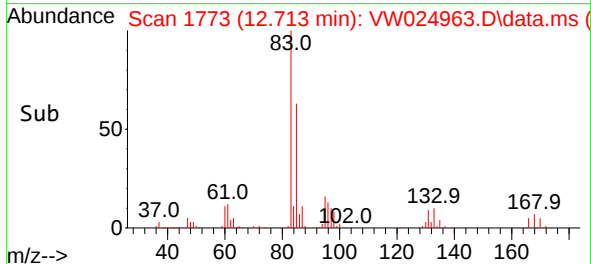
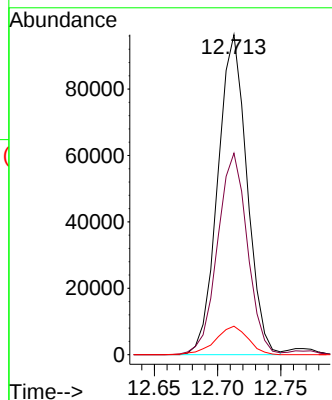
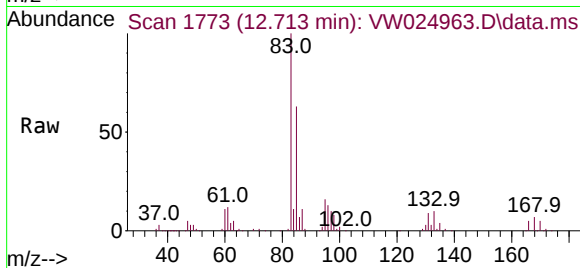
Tgt Ion: 83 Resp: 154692

Ion Ratio Lower Upper

83 100

85 62.9 44.5 82.7

131 8.9 6.8 10.2



#59

Bromoform

Concen: 26.988 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024963.D

Acq: 24 Oct 2022 13:23

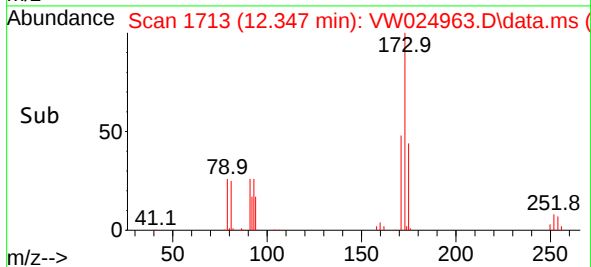
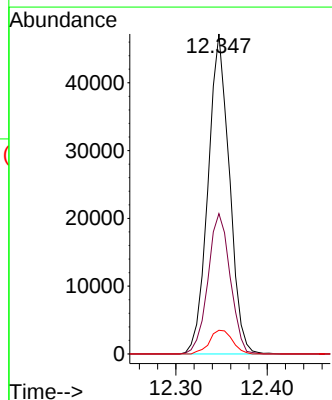
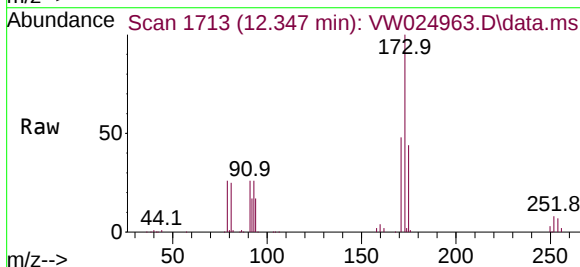
Tgt Ion:173 Resp: 76465

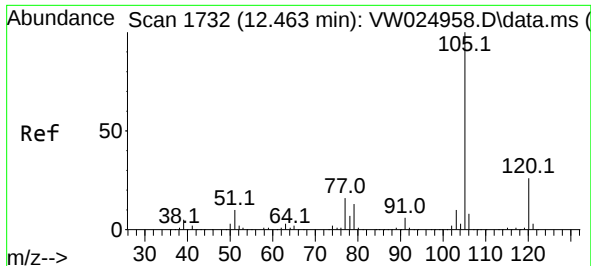
Ion Ratio Lower Upper

173 100

175 45.7 38.6 58.0

254 8.0 4.8 7.2#

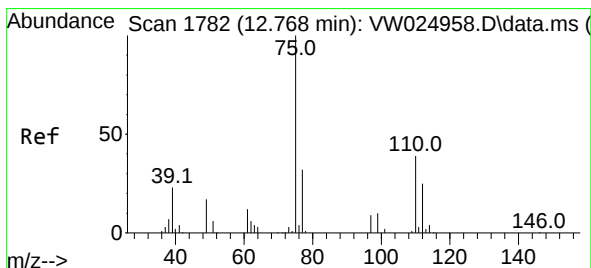
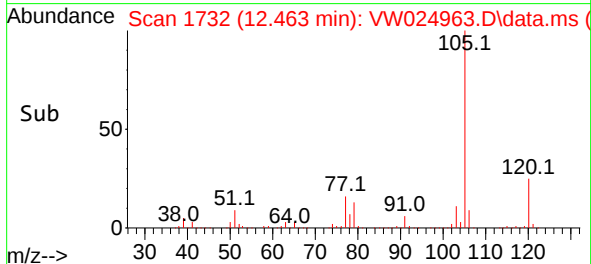
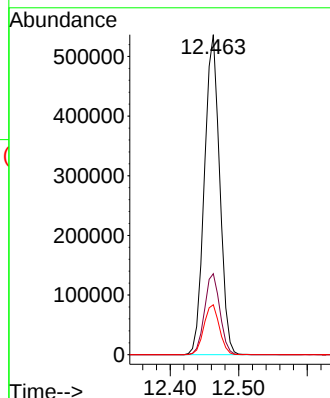
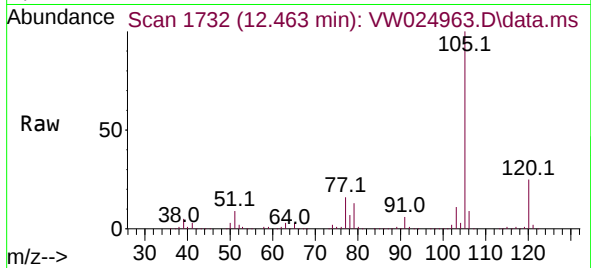




#60
Isopropylbenzene
Concen: 24.362 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

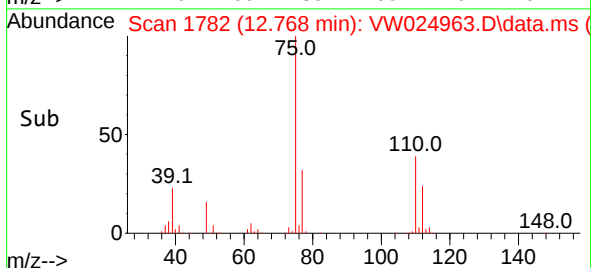
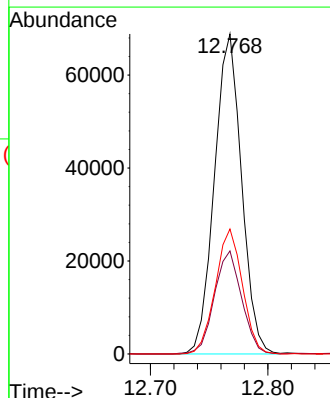
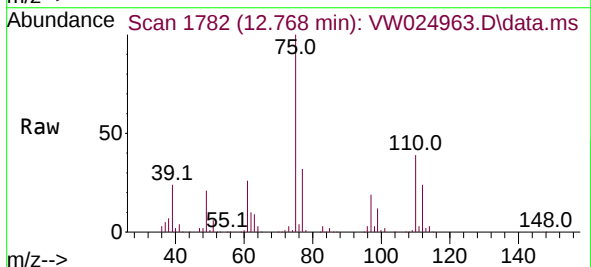
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

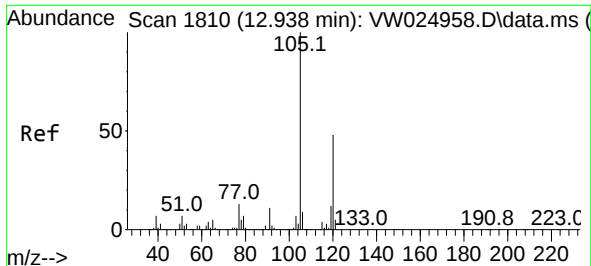
Tgt Ion:105 Resp: 832076
Ion Ratio Lower Upper
105 100
120 25.4 20.5 30.7
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 23.726 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

Tgt Ion: 75 Resp: 110464
Ion Ratio Lower Upper
75 100
77 32.4 26.4 39.6
110 38.8 30.8 46.2

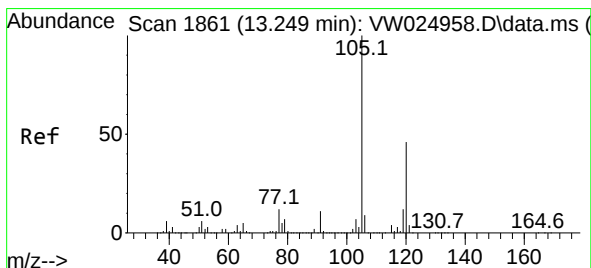
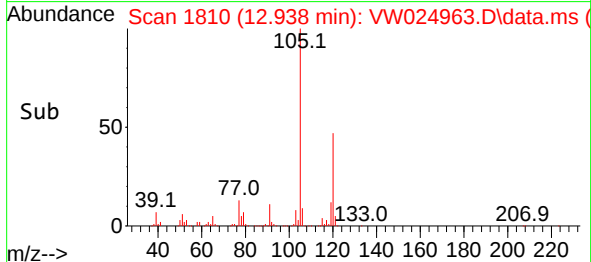
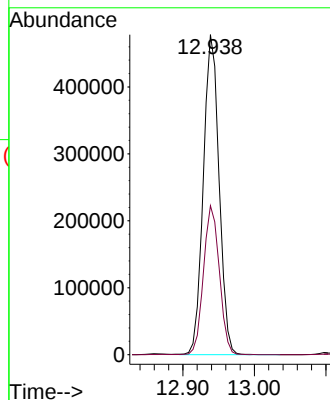
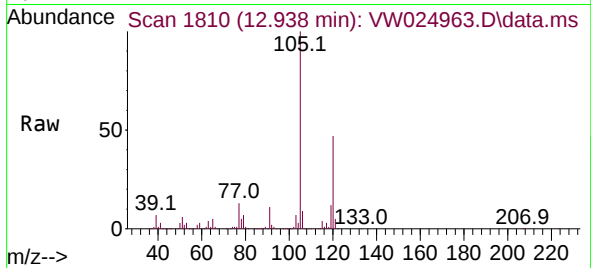




#62
1,3,5-Trimethylbenzene
Concen: 24.927 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

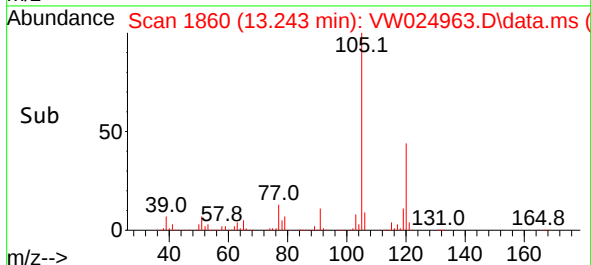
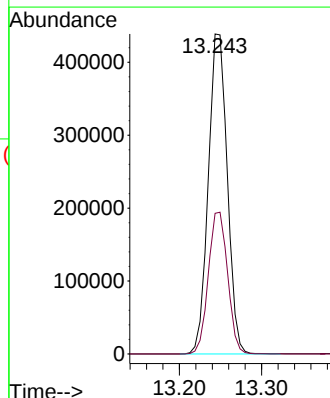
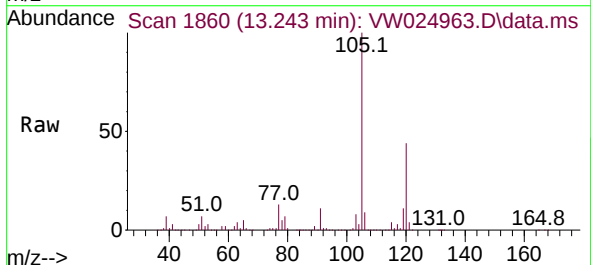
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

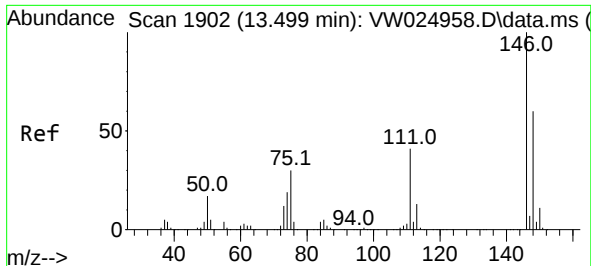
Tgt Ion:105 Resp: 730972
Ion Ratio Lower Upper
105 100
120 46.8 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 24.877 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

Tgt Ion:105 Resp: 703355
Ion Ratio Lower Upper
105 100
120 45.0 34.8 52.2

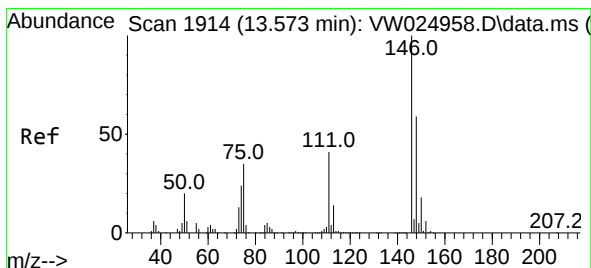
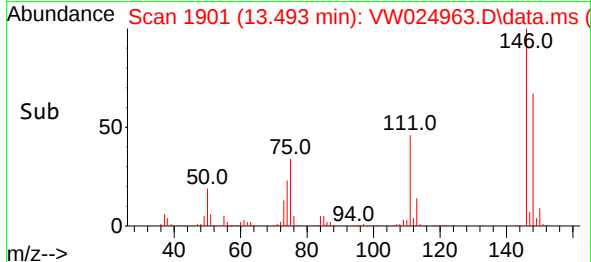
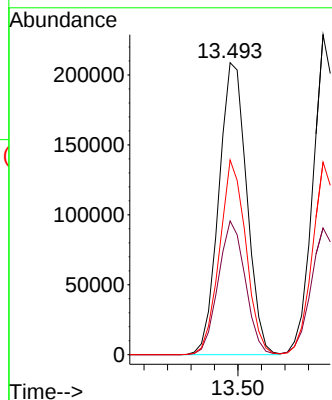
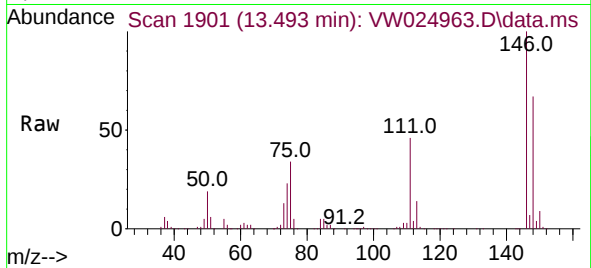




#64
1,3-Dichlorobenzene
Concen: 24.786 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

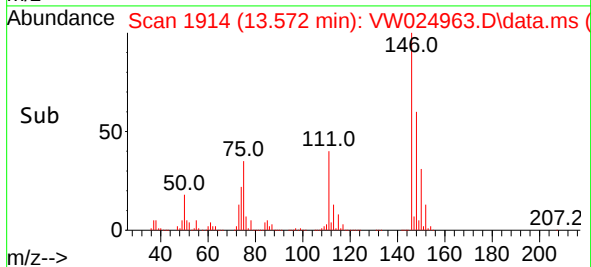
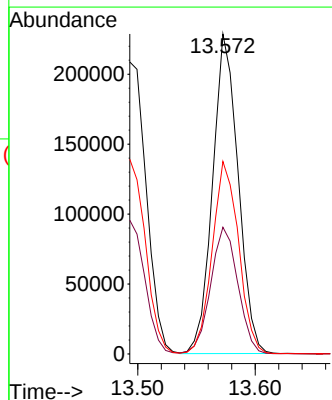
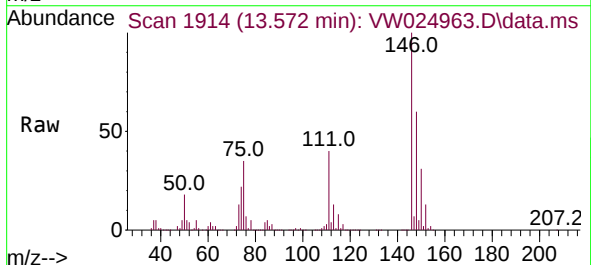
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

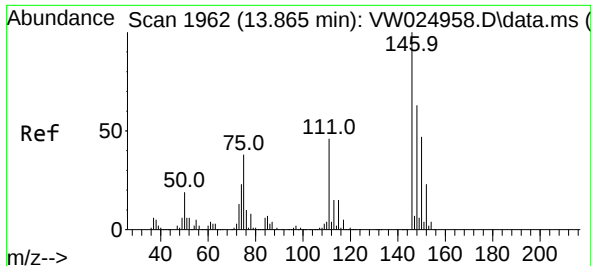
Tgt Ion:146 Resp: 344778
Ion Ratio Lower Upper
146 100
111 45.8 31.7 58.9
148 66.7 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 24.525 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024963.D
Acq: 24 Oct 2022 13:23

Tgt Ion:146 Resp: 345312
Ion Ratio Lower Upper
146 100
111 39.6 27.4 50.8
148 60.1 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 25.150 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024963.D

Acq: 24 Oct 2022 13:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

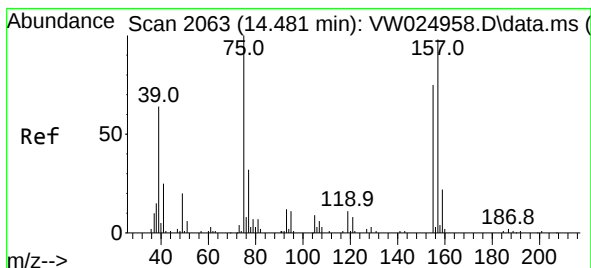
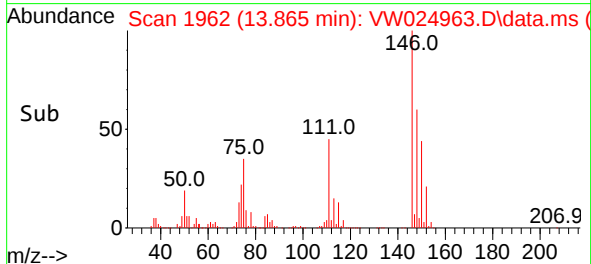
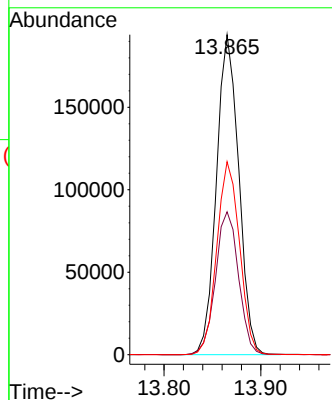
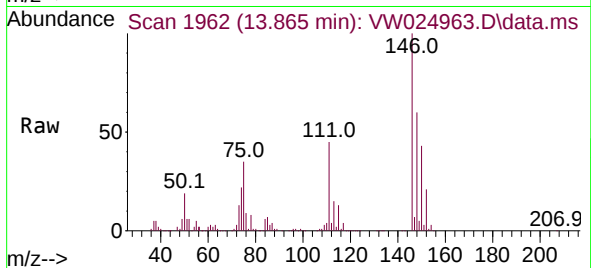
Tgt Ion:146 Resp: 310960

Ion Ratio Lower Upper

146 100

111 44.6 36.9 55.3

148 60.3 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.434 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024963.D

Acq: 24 Oct 2022 13:23

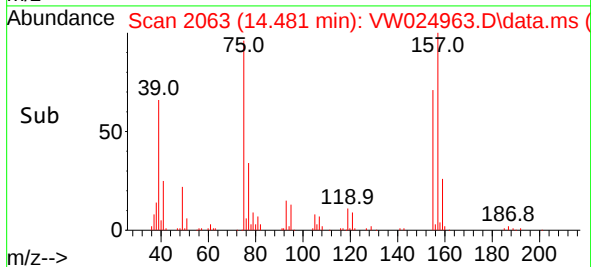
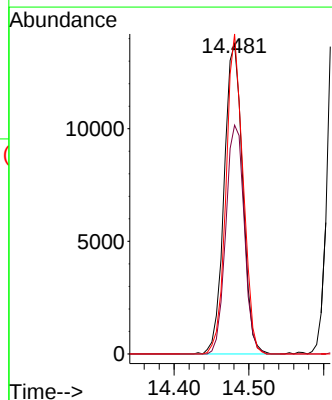
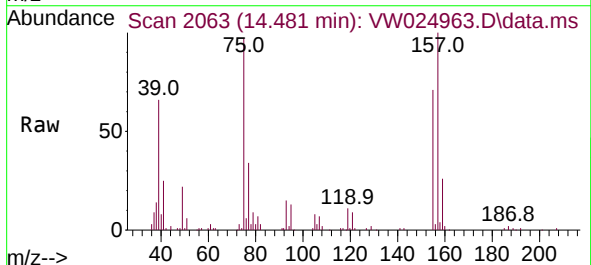
Tgt Ion: 75 Resp: 23715

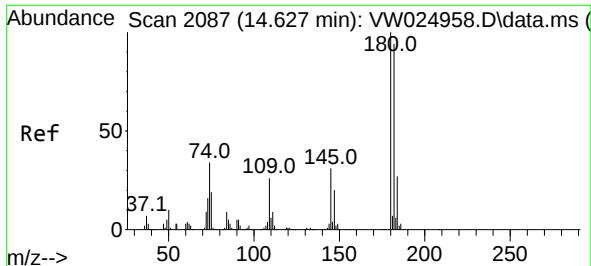
Ion Ratio Lower Upper

75 100

155 73.8 56.2 84.4

157 103.2 74.6 111.8





#69

1,3,5-Trichlorobenzene

Concen: 24.771 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.006 min

Lab File: VW024963.D

Acq: 24 Oct 2022 13:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

Tgt Ion:180 Resp: 224967

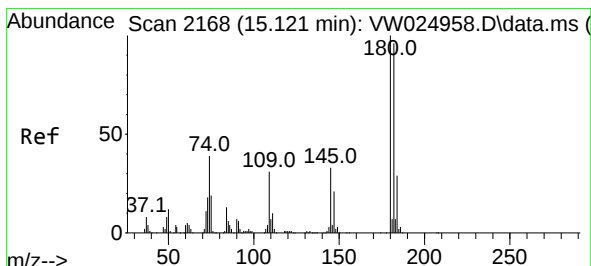
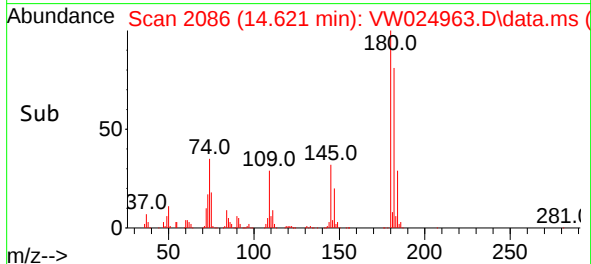
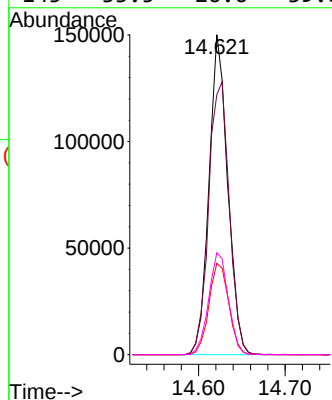
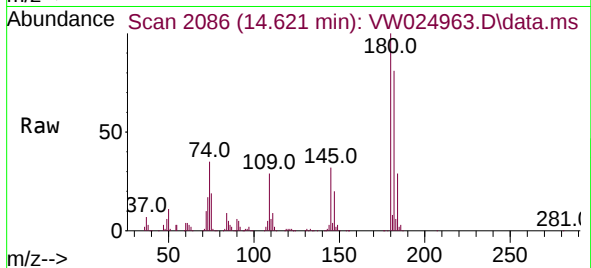
Ion Ratio Lower Upper

180 100

182 93.8 75.0 112.6

184 30.3 22.9 34.3

145 33.5 26.6 39.8



#70

1,2,4-trichlorobenzene

Concen: 24.017 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.006 min

Lab File: VW024963.D

Acq: 24 Oct 2022 13:23

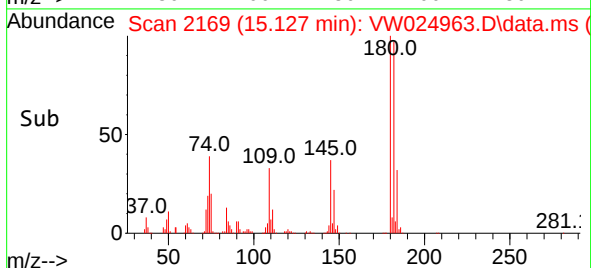
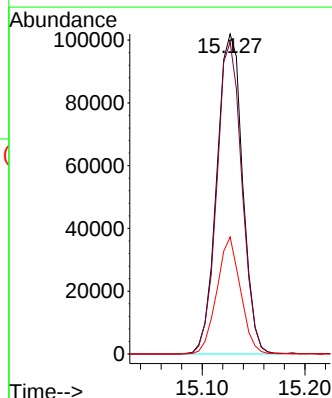
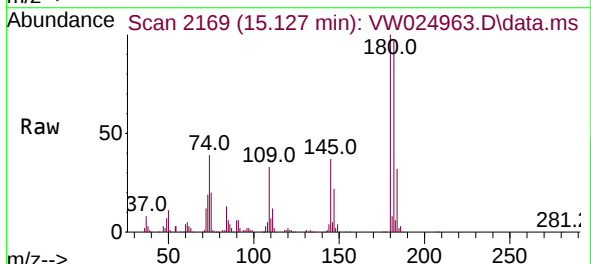
Tgt Ion:180 Resp: 176972

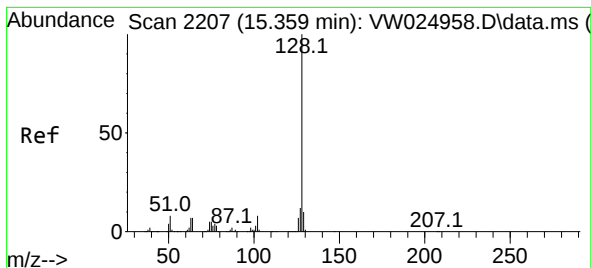
Ion Ratio Lower Upper

180 100

182 95.0 77.7 116.5

145 33.6 29.0 43.4





#71

Naphthalene

Concen: 24.390 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW024963.D

Acq: 24 Oct 2022 13:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

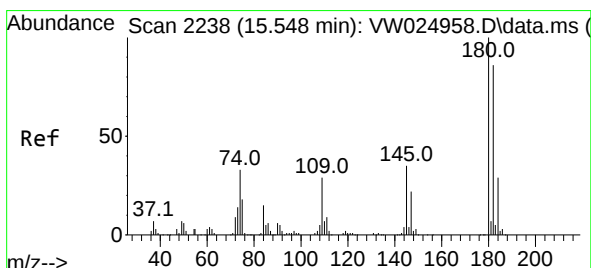
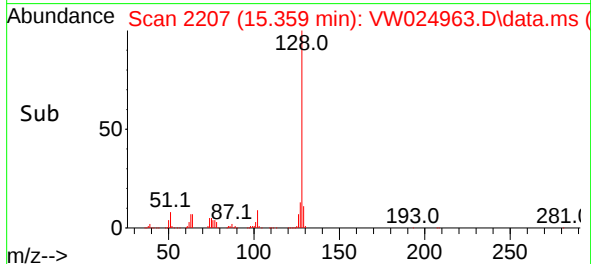
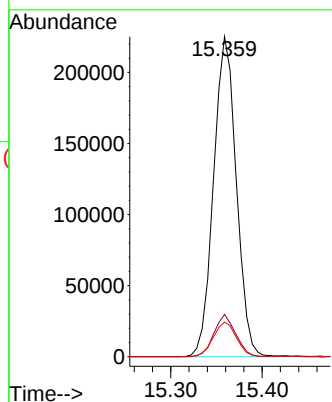
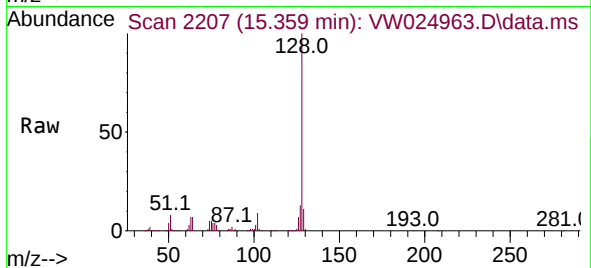
Tgt Ion:128 Resp: 389414

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 11.0 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 24.490 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW024963.D

Acq: 24 Oct 2022 13:23

Tgt Ion:180 Resp: 154030

Ion Ratio Lower Upper

180 100

182 90.8 75.1 112.7

145 35.8 29.9 44.9

