

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102622\
 Data File : VW024980.D
 Acq On : 26 Oct 2022 11:17
 Operator : SY/VA
 Sample : VSTD02563
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025463

Quant Time: Oct 27 04:16:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 04:14:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	321496	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	298703	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	150800	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	92648	25.675	ug/L	0.00
7) Chloroethane-d5	2.891	69	54649	25.852	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	230830	25.688	ug/L	0.00
21) 2-Butanone-d5	7.079	46	62788	51.560	ug/L	0.00
24) Chloroform-d	7.653	84	258498	26.494	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	142608	26.111	ug/L	0.00
32) Benzene-d6	8.274	84	499358	26.082	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	144702	25.794	ug/L	0.00
41) Toluene-d8	10.323	98	469187	26.323	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	64724	26.020	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	52729	54.413	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	115964	25.889	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	152058	26.239	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	24267	21.996	ug/L	100
3) Chloromethane	2.221	50	58624	22.730	ug/L	100
5) Vinyl chloride	2.367	62	85790	24.073	ug/L	100
6) Bromomethane	2.781	94	41656	23.423	ug/L	100
8) Chloroethane	2.928	64	35383	23.802	ug/L	100
9) Trichlorofluoromethane	3.263	101	71630	23.960	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	103069	24.346	ug/L	100
12) 1,1-Dichloroethene	4.043	96	97442	24.434	ug/L	100
13) Acetone	4.123	43	36969	42.787	ug/L	100
14) Carbon disulfide	4.391	76	288708	24.782	ug/L	100
15) Methyl Acetate	4.671	43	41347	23.879	ug/L	100
16) Methylene chloride	4.921	84	107722	18.871	ug/L	100
17) trans-1,2-Dichloroethene	5.427	96	104837	24.550	ug/L	100
18) Methyl tert-butyl Ether	5.433	73	178470	24.914	ug/L	100
19) 1,1-Dichloroethane	6.214	63	192663	24.369	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	114044	24.502	ug/L	100
22) 2-Butanone	7.171	43	58865	45.411	ug/L	100
23) Bromochloromethane	7.518	128	48568	24.070	ug/L	100
25) Chloroform	7.677	83	205118	24.583	ug/L	100
27) 1,2-Dichloroethane	8.402	62	139168	24.589	ug/L	100
29) Cyclohexane	7.957	56	176131	24.972	ug/L	100
30) 1,1,1-Trichloroethane	7.878	97	174849	23.920	ug/L	100
31) Carbon tetrachloride	8.067	117	160044	24.502	ug/L	100
33) Benzene	8.323	78	436307	24.256	ug/L	100
34) Trichloroethene	9.091	95	117298	24.633	ug/L	100
35) Methylcyclohexane	9.335	83	200065	24.727	ug/L	100
37) 1,2-Dichloropropane	9.366	63	106953	24.498	ug/L	100
38) Bromodichloromethane	9.646	83	150997	24.781	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	173666	25.162	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	128032	49.974	ug/L	100
42) Toluene	10.384	91	474650	24.855	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	150894	24.592	ug/L	100

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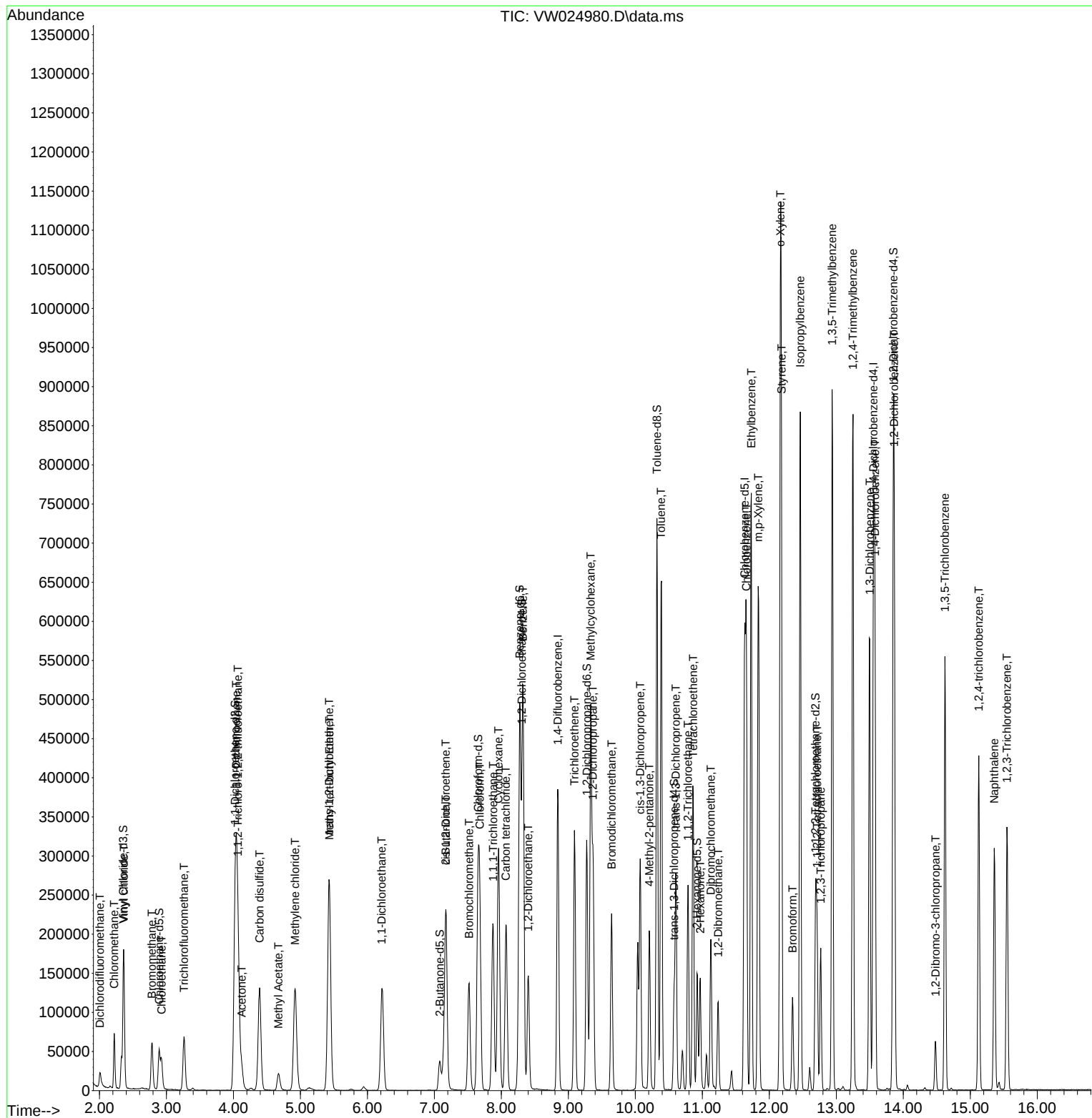
Quant Time: Oct 27 04:16:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 04:14:11 2022
 Response via : Initial Calibration

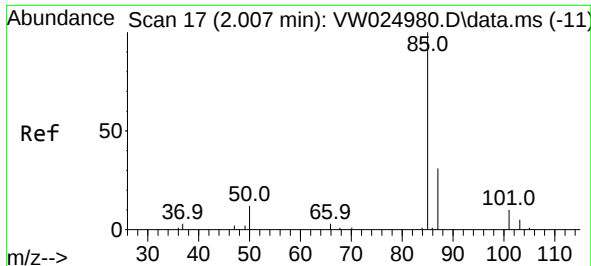
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	80783	24.507	ug/L	100
46) Tetrachloroethene	10.865	164	82572	24.247	ug/L	100
48) 2-Hexanone	10.969	43	88564	49.985	ug/L	100
49) Dibromochloromethane	11.128	129	97536	24.274	ug/L	100
50) 1,2-Dibromoethane	11.237	107	76254	24.460	ug/L	100
51) Chlorobenzene	11.658	112	294712	23.809	ug/L	100
52) Ethylbenzene	11.731	91	534496	24.247	ug/L	100
53) m,p-Xylene	11.835	106	207385	24.304	ug/L	100
54) o-Xylene	12.164	106	195044	24.229	ug/L	100
55) Styrene	12.182	104	349589	25.004	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	96698	24.453	ug/L	100
59) Bromoform	12.347	173	53414	25.043	ug/L	100
60) Isopropylbenzene	12.463	105	552082	24.351	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	73521	24.267	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	478343	24.305	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	475931	24.661	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	221553	23.430	ug/L	100
65) 1,4-Dichlorobenzene	13.578	146	227989	24.164	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	208309	24.501	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	17516	25.018	ug/L	100
69) 1,3,5-Trichlorobenzene	14.621	180	152495	24.348	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	123306	25.330	ug/L	100
71) Naphthalene	15.358	128	262860	25.597	ug/L	100
72) 1,2,3-Trichlorobenzene	15.547	180	105787	24.941	ug/L	100

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

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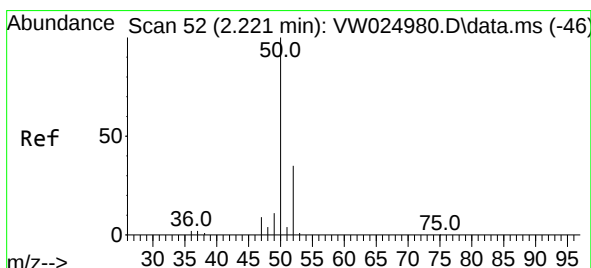
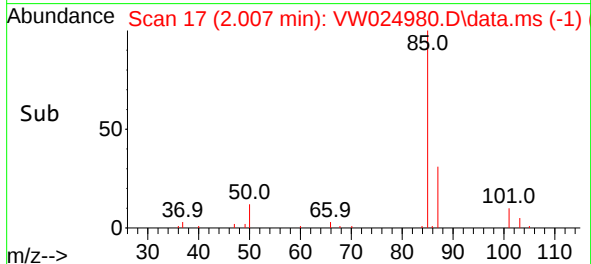
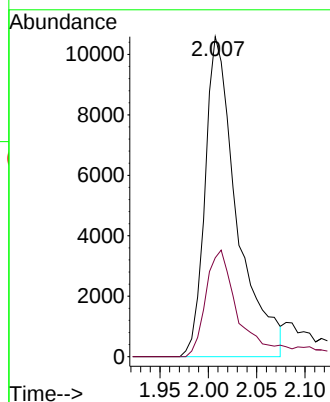
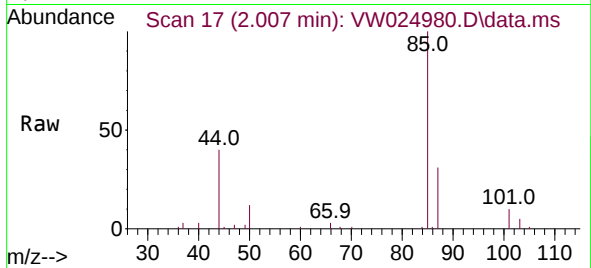




#2
 Dichlorodifluoromethane
 Concen: 21.996 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW024980.D
 Acq: 26 Oct 2022 11:17

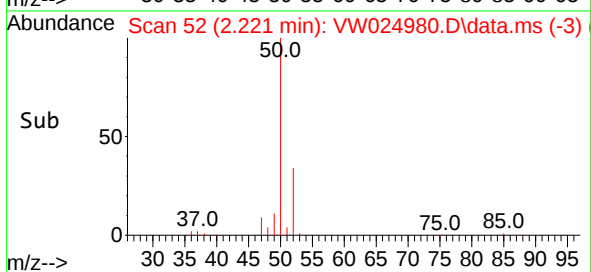
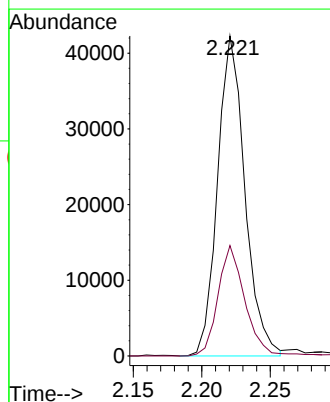
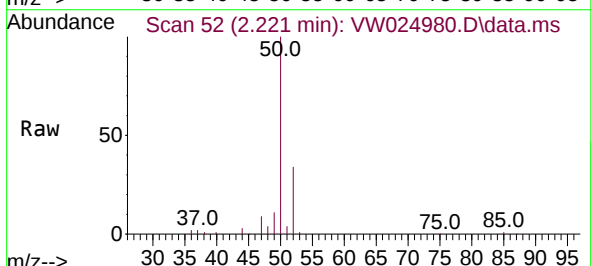
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 ClientSampleId :
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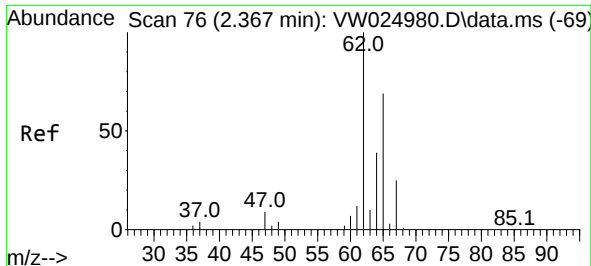
Tgt Ion: 85 Resp: 24267
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 22.730 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW024980.D
 Acq: 26 Oct 2022 11:17

Tgt Ion: 50 Resp: 58624
 Ion Ratio Lower Upper
 50 100
 52 34.5 24.1 44.8

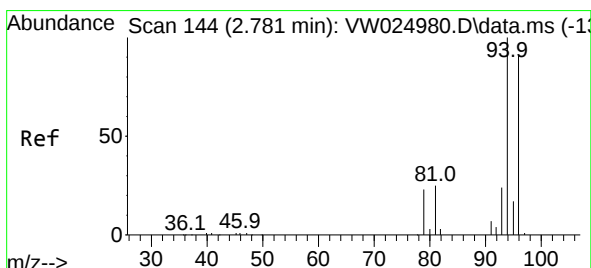
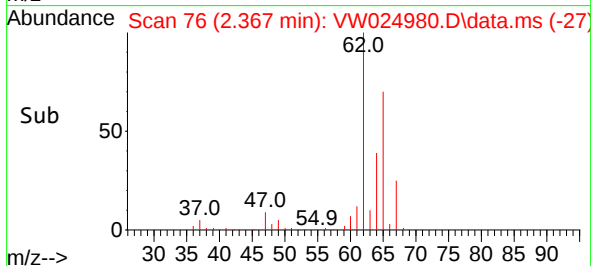
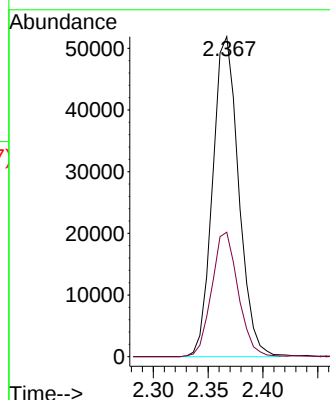
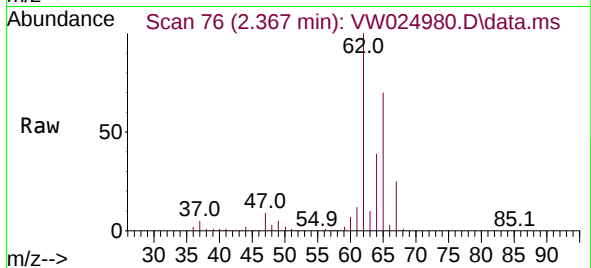




#5
 Vinyl chloride
 Concen: 24.073 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW024980.D
 Acq: 26 Oct 2022 11:17

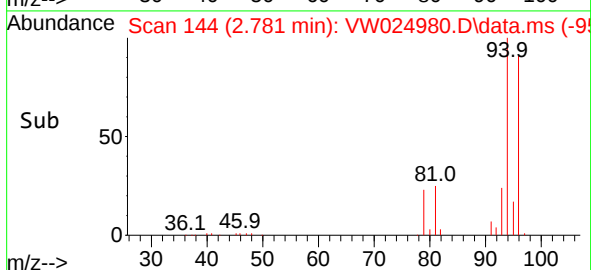
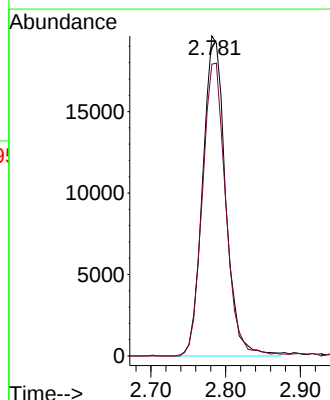
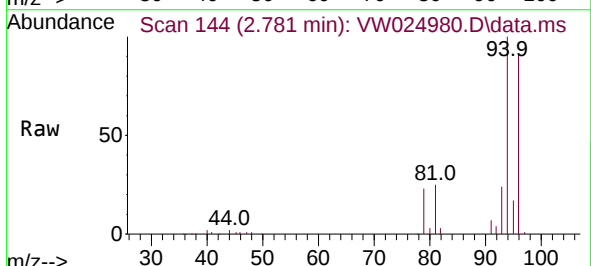
Instrument :
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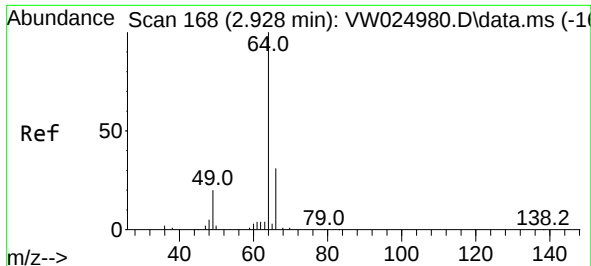
Tgt Ion: 62 Resp: 85790
 Ion Ratio Lower Upper
 62 100
 64 38.9 27.2 50.6



#6
 Bromomethane
 Concen: 23.423 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW024980.D
 Acq: 26 Oct 2022 11:17

Tgt Ion: 94 Resp: 41656
 Ion Ratio Lower Upper
 94 100
 96 91.2 63.8 118.6

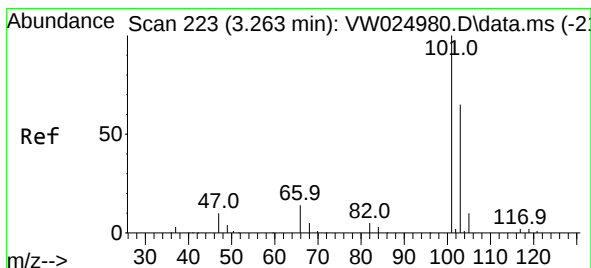
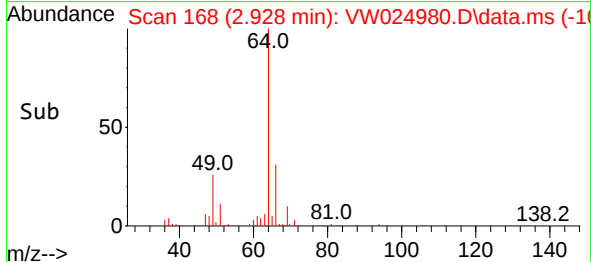
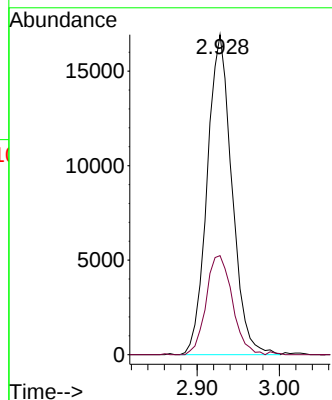
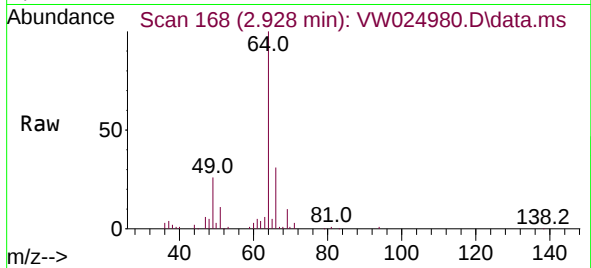




#8
Chloroethane
Concen: 23.802 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

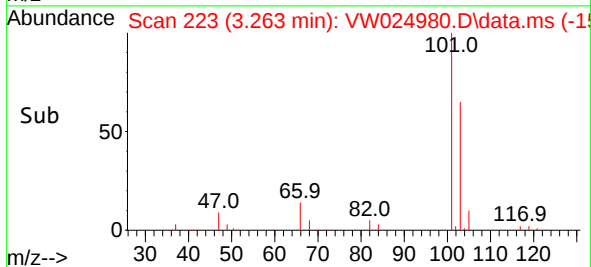
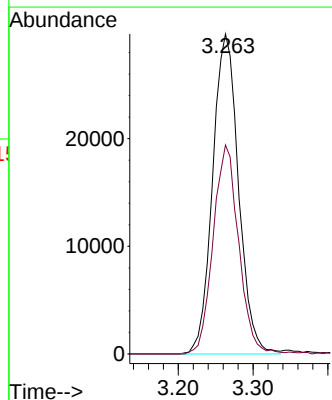
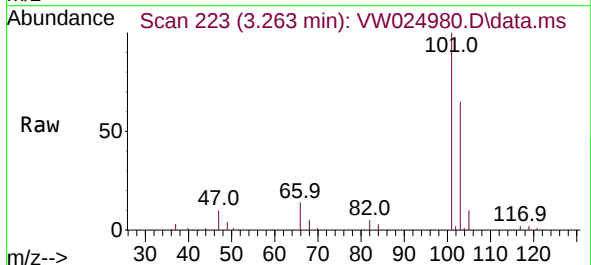
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VSTD025463

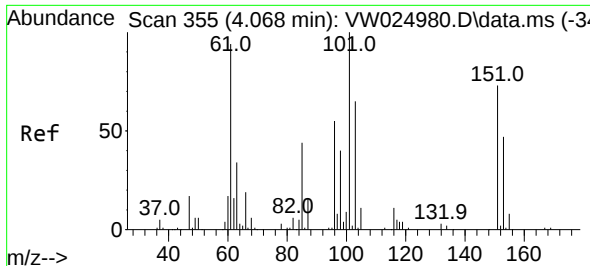
Tgt Ion: 64 Resp: 35383
Ion Ratio Lower Upper
64 100
66 30.9 21.6 40.2



#9
Trichlorofluoromethane
Concen: 23.960 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

Tgt Ion: 101 Resp: 71630
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

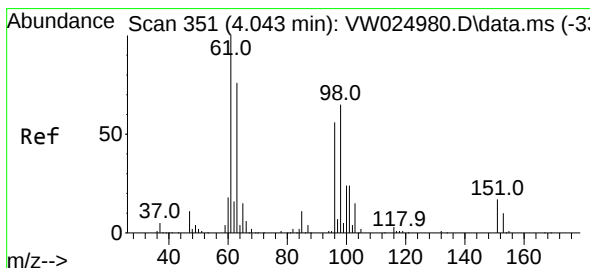
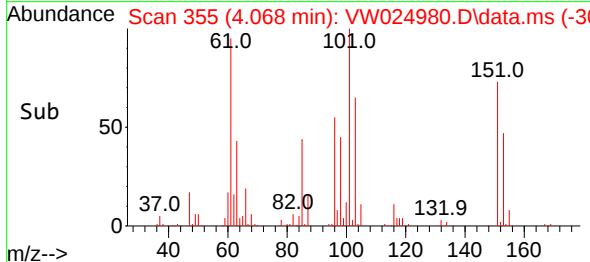
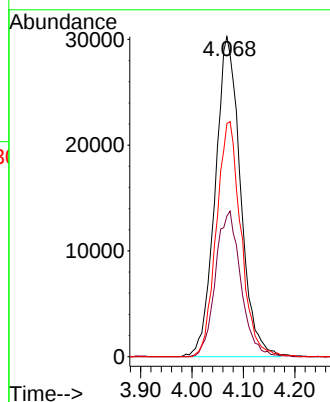
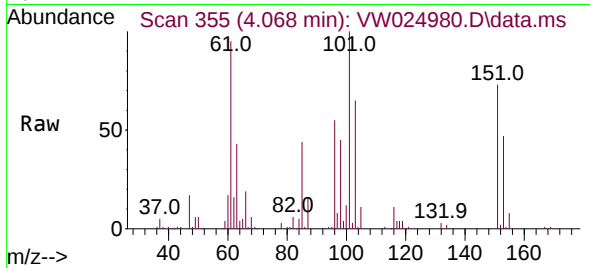




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.346 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW024980.D
 Acq: 26 Oct 2022 11:17

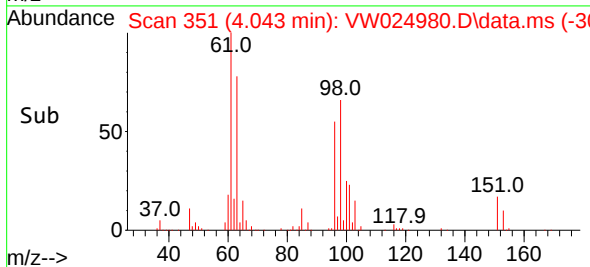
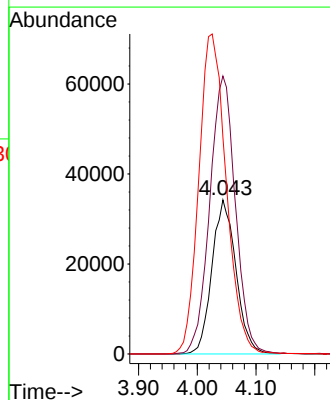
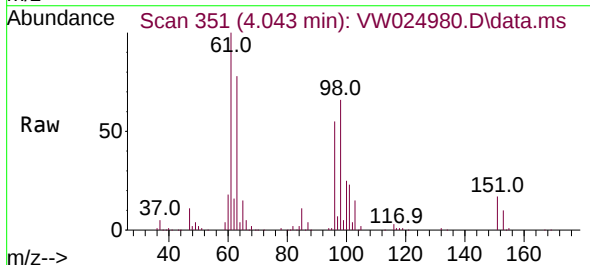
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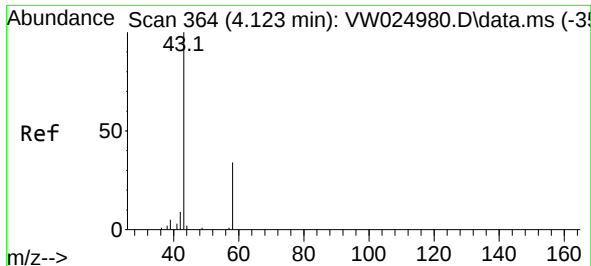
Tgt Ion:101 Resp: 103069
 Ion Ratio Lower Upper
 101 100
 85 45.6 36.5 54.7
 151 71.6 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 24.434 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024980.D
 Acq: 26 Oct 2022 11:17

Tgt Ion: 96 Resp: 97442
 Ion Ratio Lower Upper
 96 100
 61 180.3 126.2 234.4
 63 140.5 98.3 182.7





#13

Acetone

Concen: 42.787 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

Instrument :

MSVOA_W

ClientSampleId :

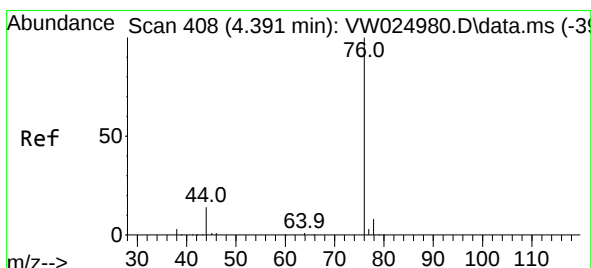
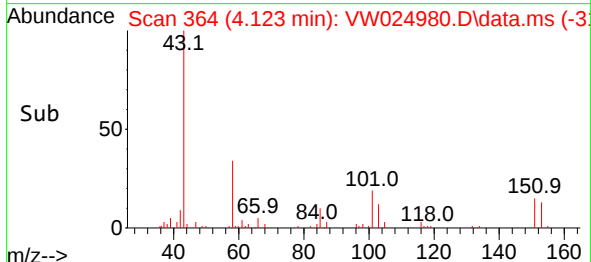
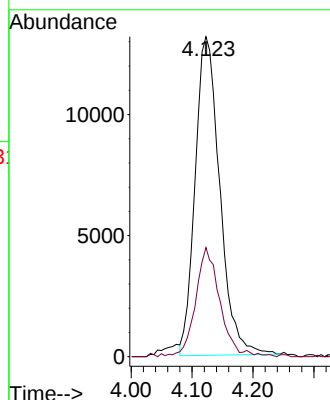
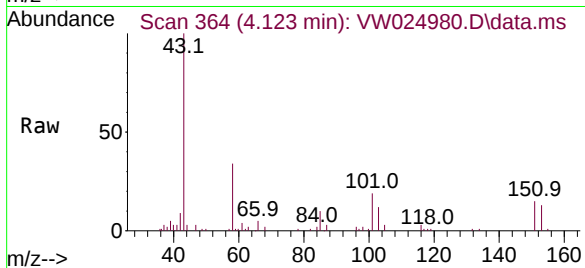
VSTD025463

Tgt Ion: 43 Resp: 36969

Ion Ratio Lower Upper

43 100

58 32.7 0.0 65.4



#14

Carbon disulfide

Concen: 24.782 ug/L

RT: 4.391 min Scan# 408

Delta R.T. 0.000 min

Lab File: VW024980.D

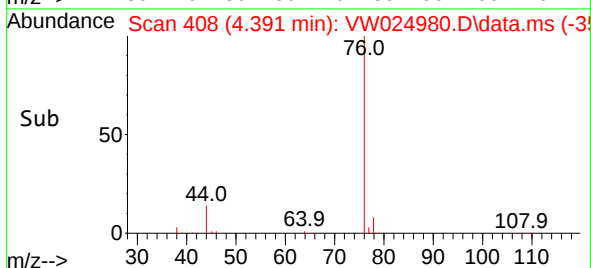
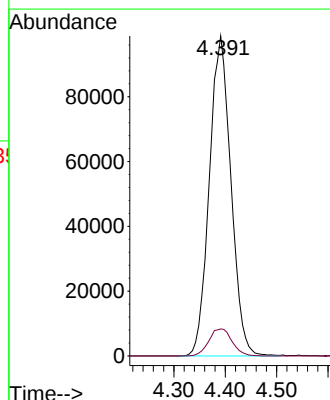
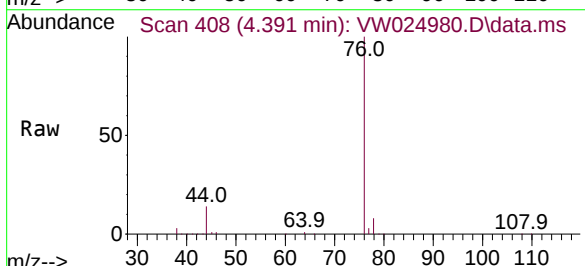
Acq: 26 Oct 2022 11:17

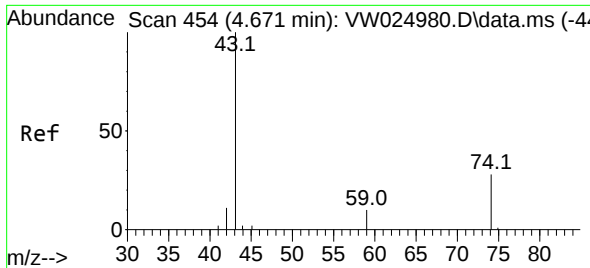
Tgt Ion: 76 Resp: 288708

Ion Ratio Lower Upper

76 100

78 8.5 6.8 10.2

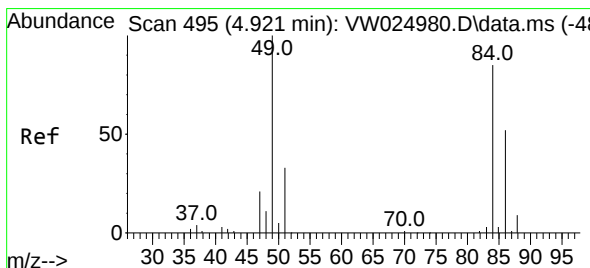
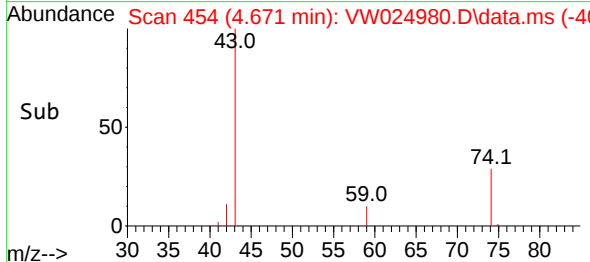
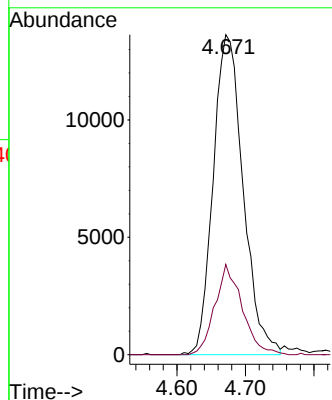
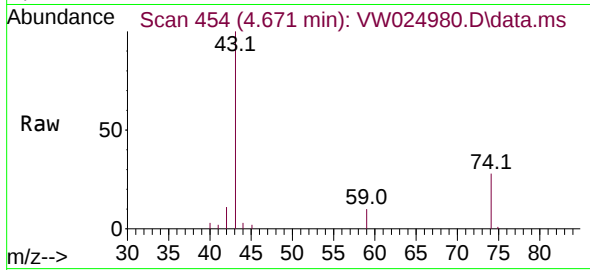




#15
Methyl Acetate
Concen: 23.879 ug/L
RT: 4.671 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

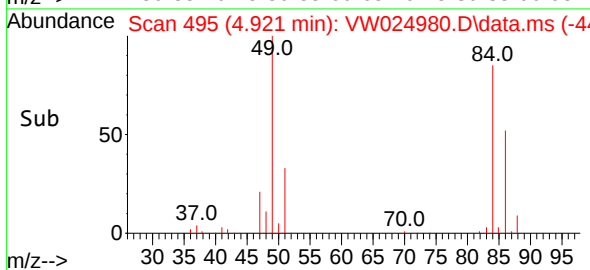
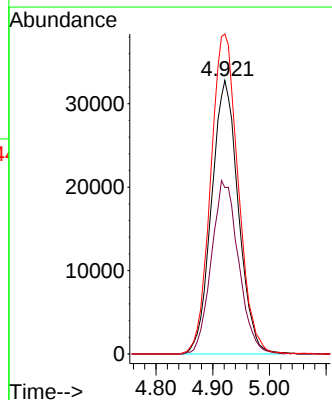
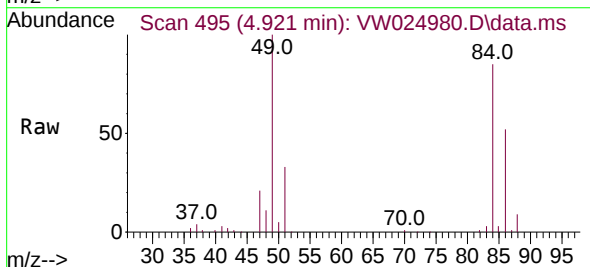
Instrument :
MSVOA_W
ClientSampleId :
VSTD025463

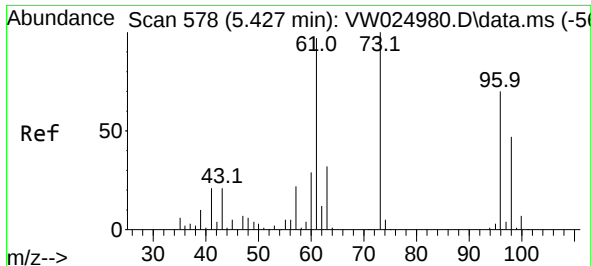
Tgt Ion: 43 Resp: 41347
Ion Ratio Lower Upper
43 100
74 25.7 20.6 30.8



#16
Methylene chloride
Concen: 18.871 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

Tgt Ion: 84 Resp: 107722
Ion Ratio Lower Upper
84 100
86 60.8 42.6 79.0
49 117.0 81.9 152.1





#17

trans-1,2-Dichloroethene

Concen: 24.550 ug/L

RT: 5.427 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025463

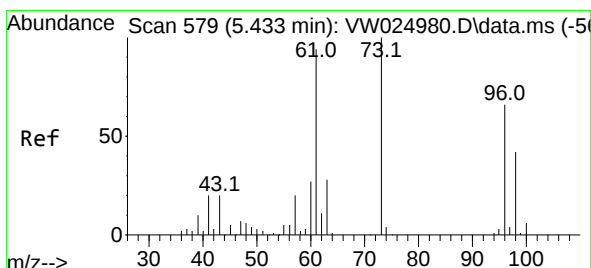
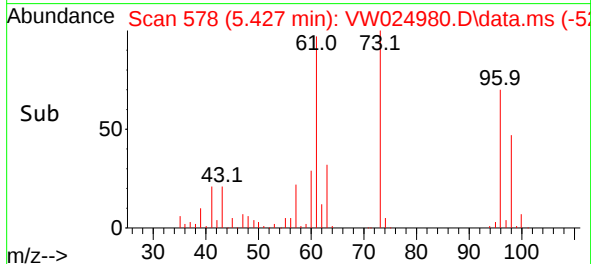
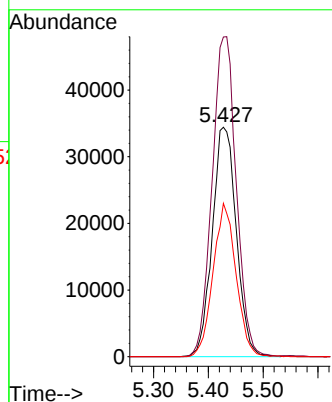
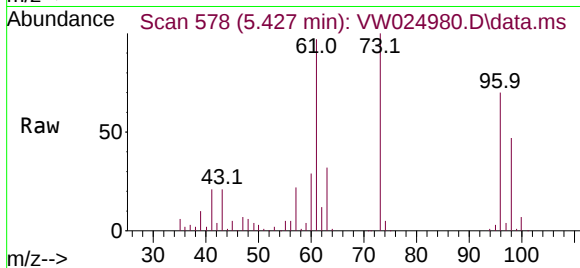
Tgt Ion: 96 Resp: 104837

Ion Ratio Lower Upper

96 100

61 139.4 97.6 181.2

98 66.8 46.8 86.8



#18

Methyl tert-butyl Ether

Concen: 24.914 ug/L

RT: 5.433 min Scan# 579

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

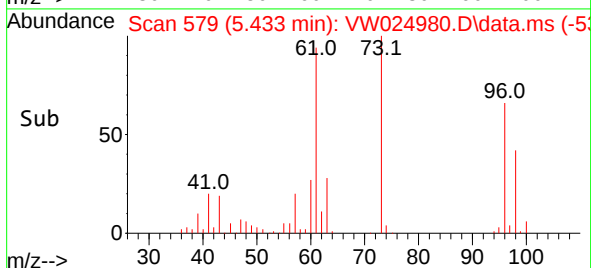
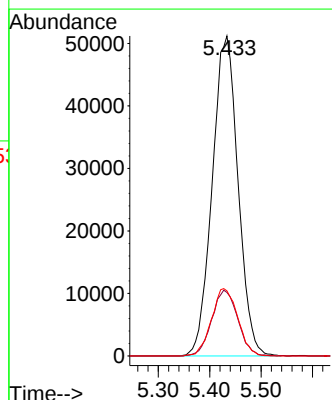
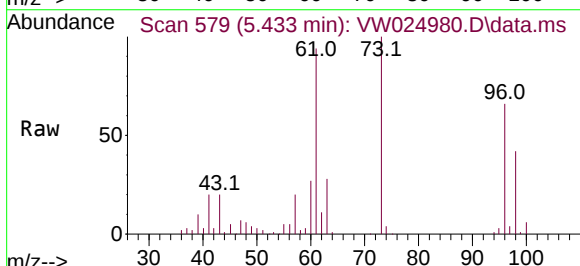
Tgt Ion: 73 Resp: 178470

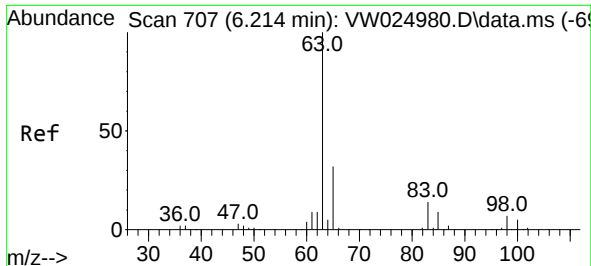
Ion Ratio Lower Upper

73 100

43 20.7 16.6 24.8

57 21.4 17.1 25.7





#19

1,1-Dichloroethane

Concen: 24.369 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025463

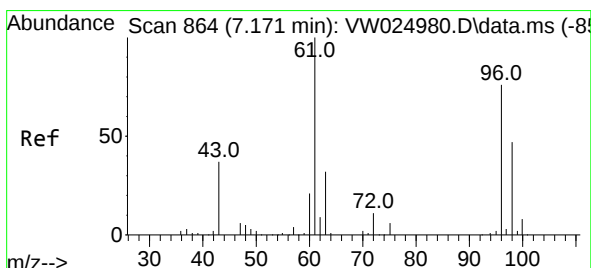
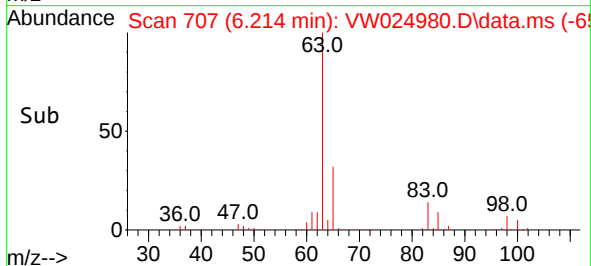
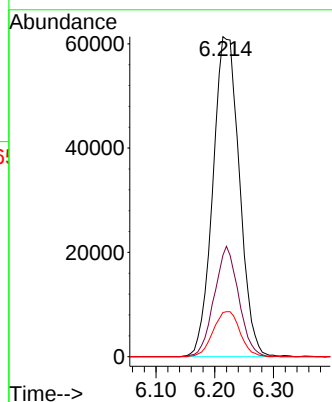
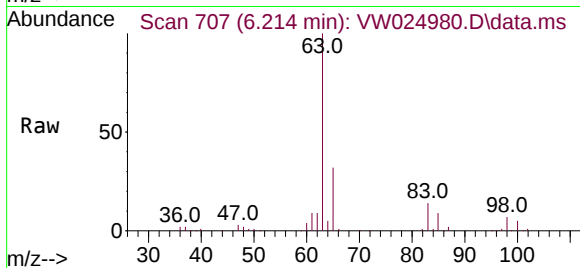
Tgt Ion: 63 Resp: 192663

Ion Ratio Lower Upper

63 100

65 31.7 22.2 41.2

83 13.8 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 24.502 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

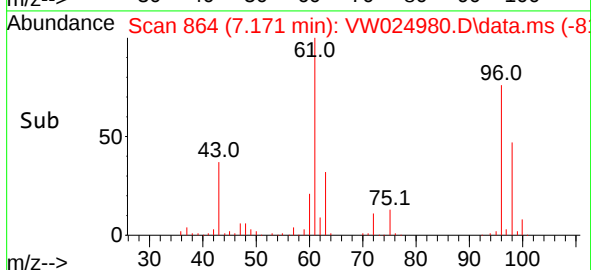
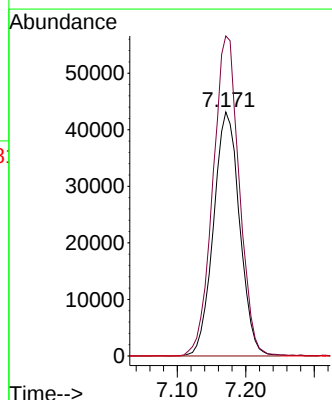
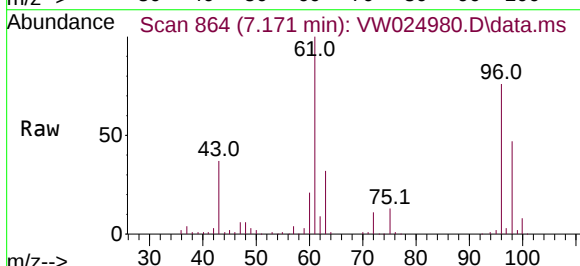
Tgt Ion: 96 Resp: 114044

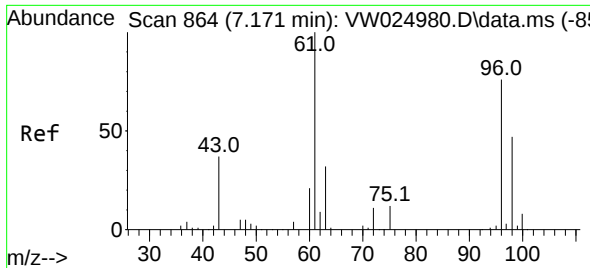
Ion Ratio Lower Upper

96 100

61 131.2 91.8 170.6

68 0.0 0.0 0.0

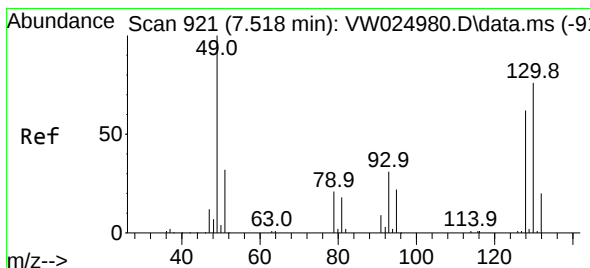
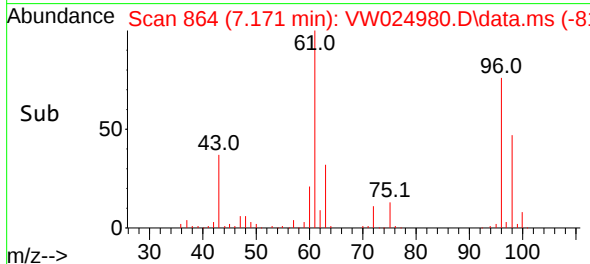
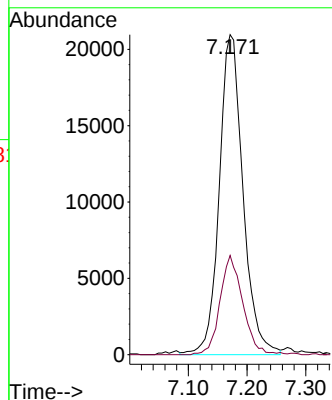
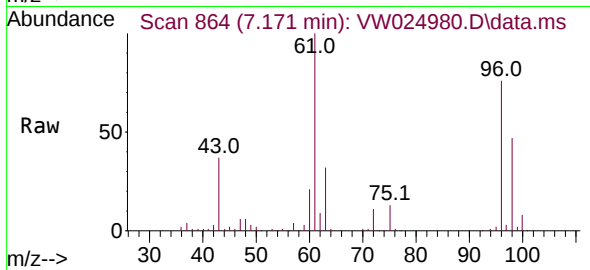




#22
2-Butanone
Concen: 45.411 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

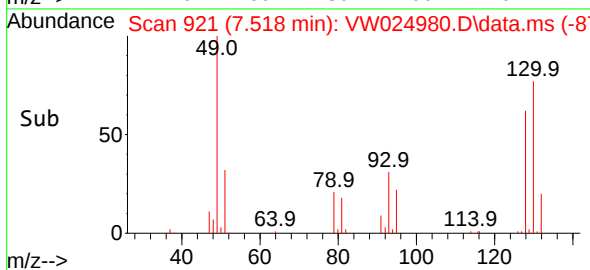
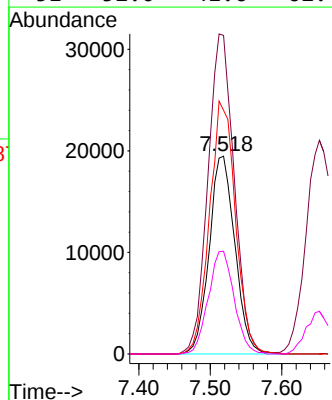
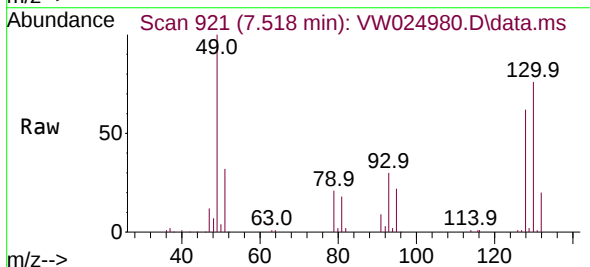
Instrument :
MSVOA_W
ClientSampleId :
VSTD025463

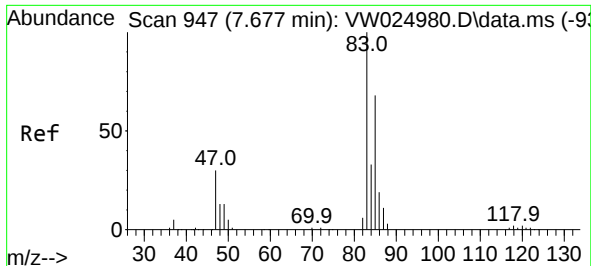
Tgt Ion: 43 Resp: 58865
Ion Ratio Lower Upper
43 100
72 29.3 14.6 44.0



#23
Bromochloromethane
Concen: 24.070 ug/L
RT: 7.518 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

Tgt Ion: 128 Resp: 48568
Ion Ratio Lower Upper
128 100
49 161.1 112.8 209.4
130 123.2 86.2 160.2
51 52.0 41.6 62.4

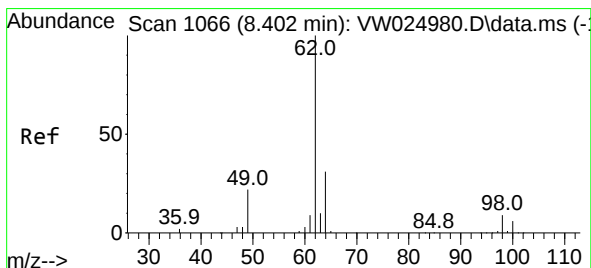
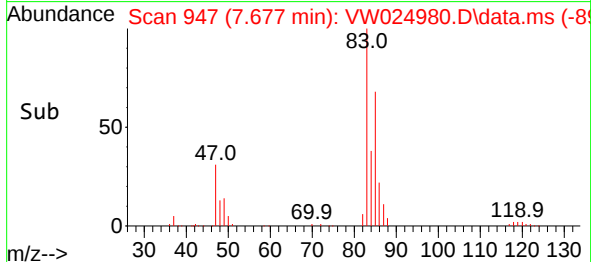
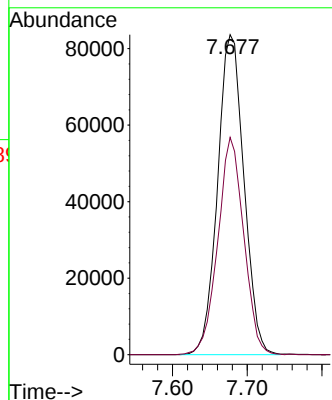
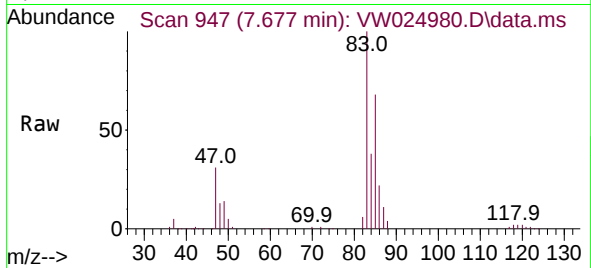




#25
Chloroform
Concen: 24.583 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

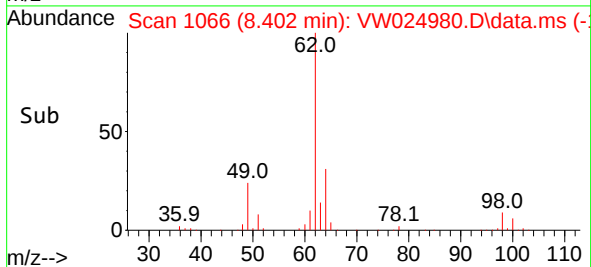
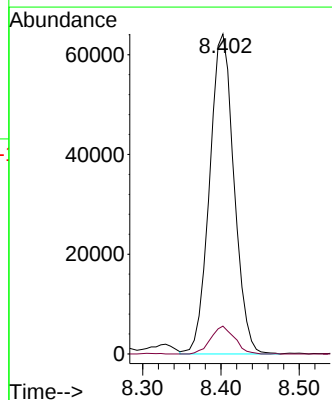
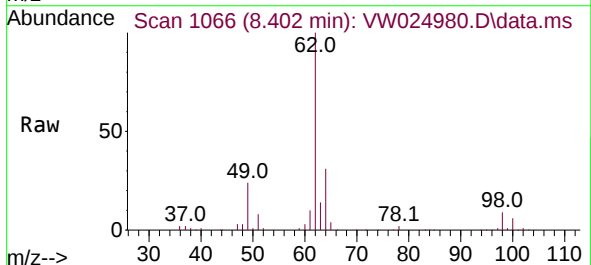
Instrument :
MSVOA_W
ClientSampleId :
VSTD025463

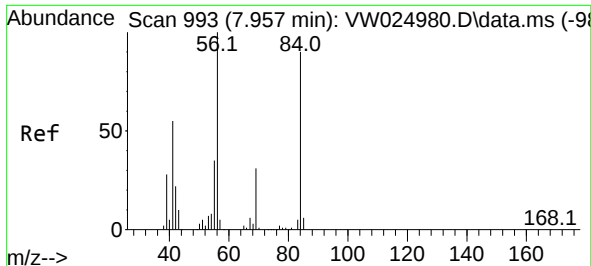
Tgt Ion: 83 Resp: 205118
Ion Ratio Lower Upper
83 100
85 67.9 47.5 88.3



#27
1,2-Dichloroethane
Concen: 24.589 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

Tgt Ion: 62 Resp: 139168
Ion Ratio Lower Upper
62 100
98 8.7 7.0 10.4





#29

Cyclohexane

Concen: 24.972 ug/L

RT: 7.957 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025463

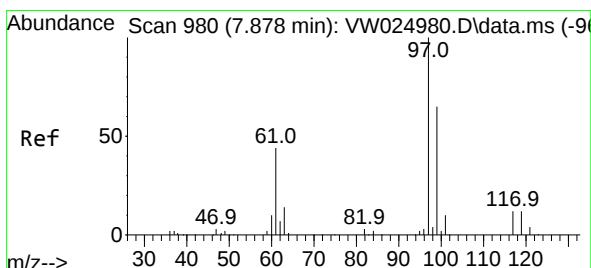
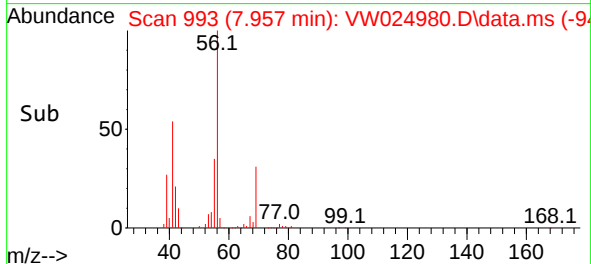
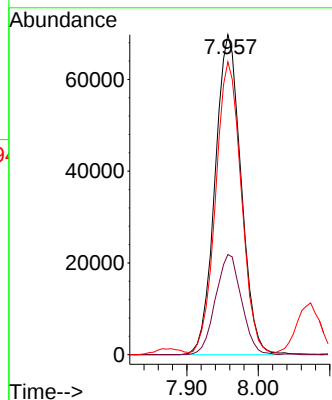
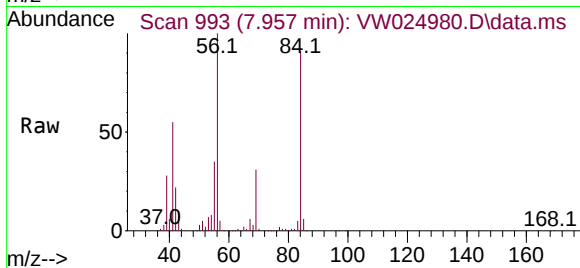
Tgt Ion: 56 Resp: 176131

Ion Ratio Lower Upper

56 100

69 31.2 25.0 37.4

84 90.7 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 23.920 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

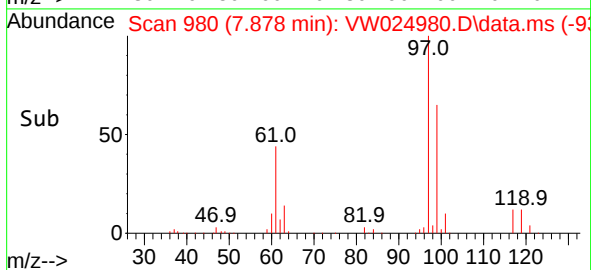
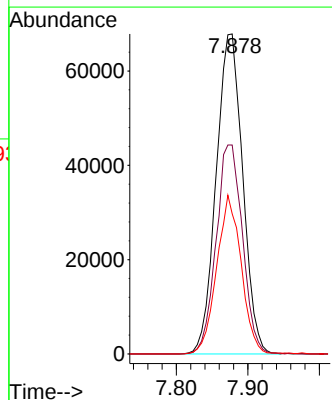
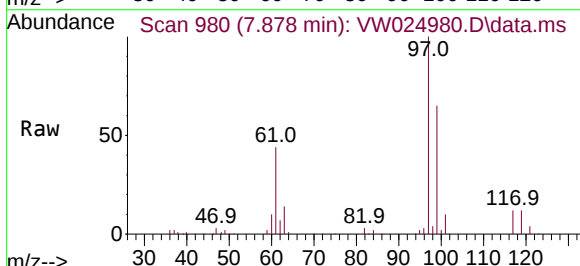
Tgt Ion: 97 Resp: 174849

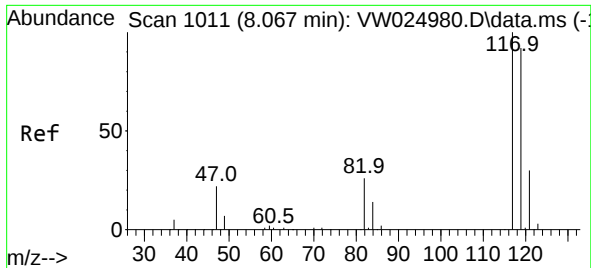
Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.8

61 45.7 36.6 54.8

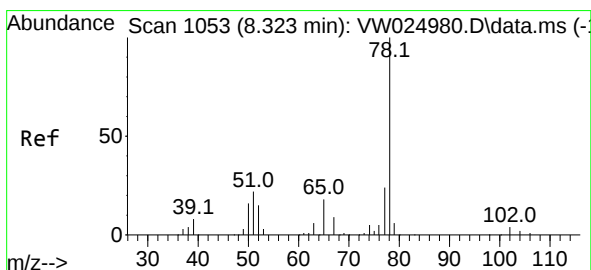
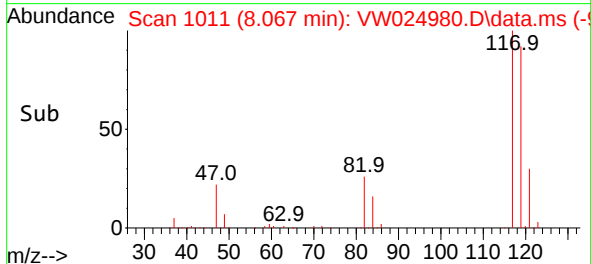
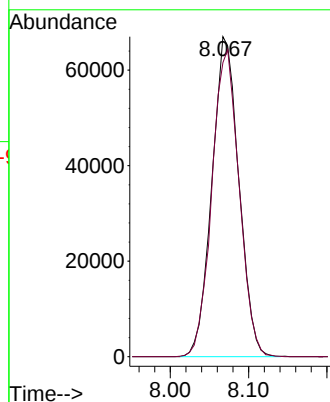
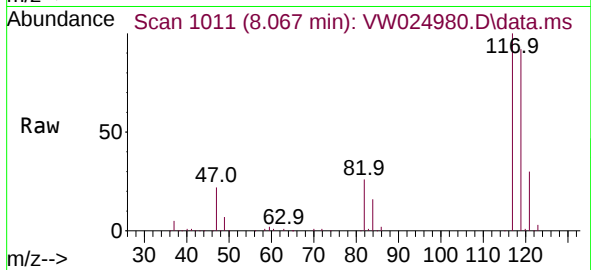




#31
Carbon tetrachloride
Concen: 24.502 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

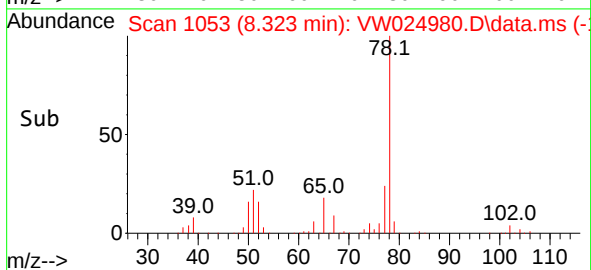
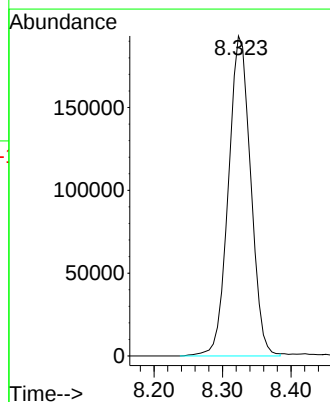
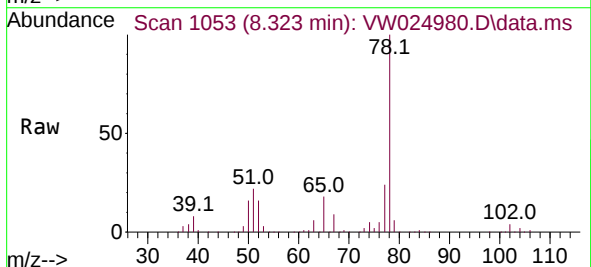
Instrument :
MSVOA_W
ClientSampleId :
VSTD025463

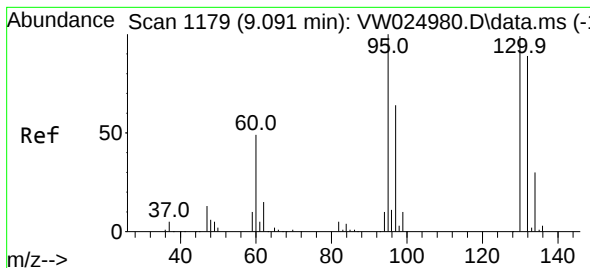
Tgt Ion:117 Resp: 160044
Ion Ratio Lower Upper
117 100
119 97.1 77.7 116.5



#33
Benzene
Concen: 24.256 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

Tgt Ion: 78 Resp: 436307





#34

Trichloroethene

Concen: 24.633 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025463

Tgt Ion: 95 Resp: 117298

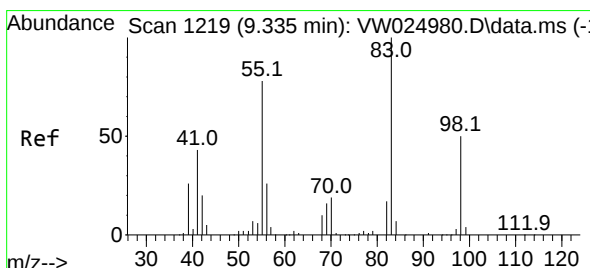
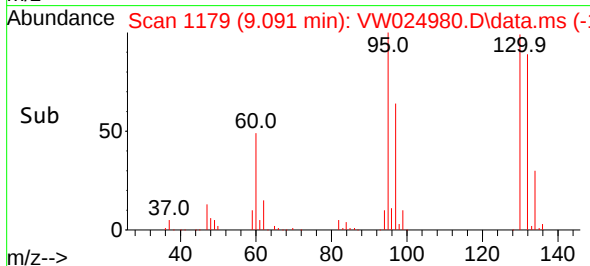
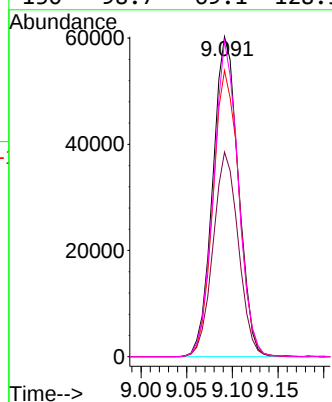
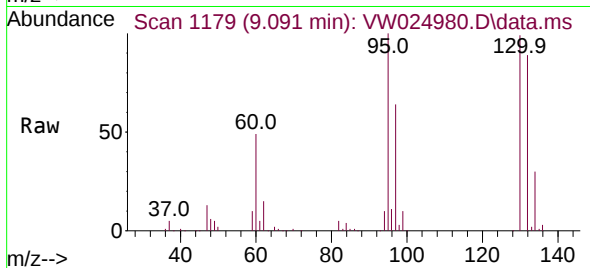
Ion Ratio Lower Upper

95 100

97 63.9 44.7 83.1

132 89.4 62.6 116.2

130 98.7 69.1 128.3



#35

Methylcyclohexane

Concen: 24.727 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

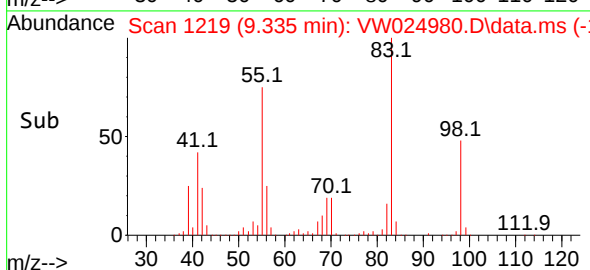
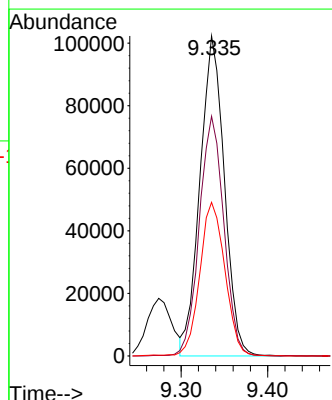
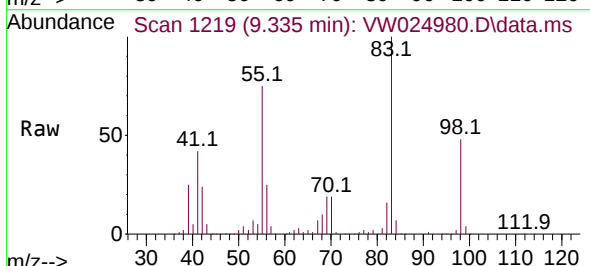
Tgt Ion: 83 Resp: 200065

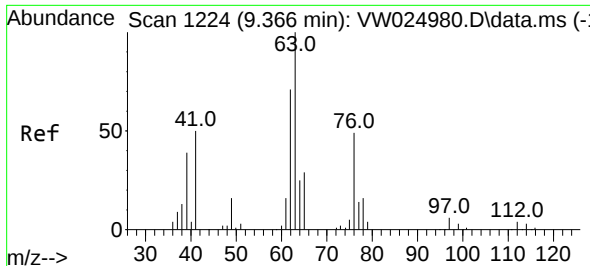
Ion Ratio Lower Upper

83 100

55 75.5 60.4 90.6

98 49.4 39.5 59.3





#37

1,2-Dichloropropane

Concen: 24.498 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

Instrument :

MSVOA_W

ClientSampleId :

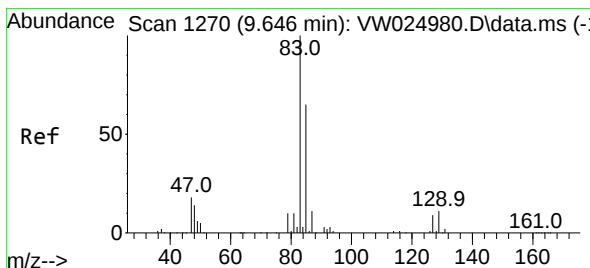
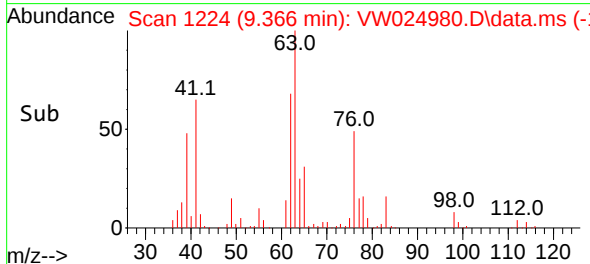
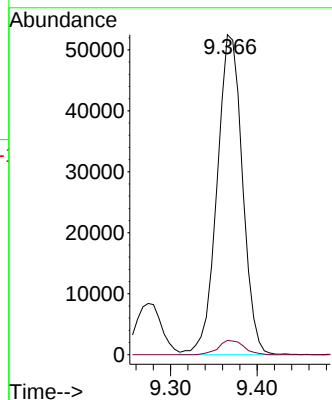
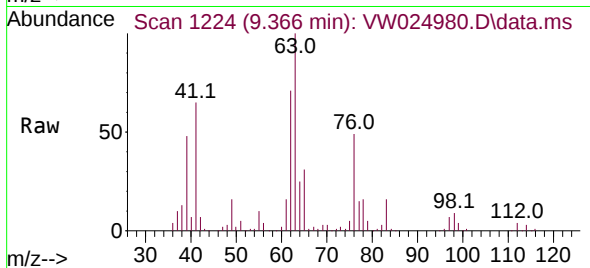
VSTD025463

Tgt Ion: 63 Resp: 106953

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 24.781 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

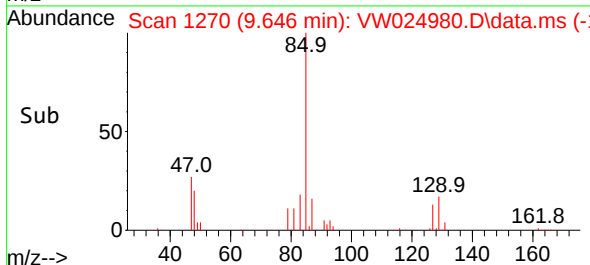
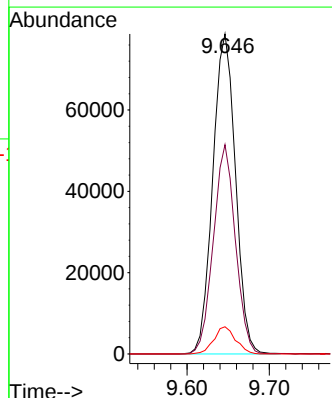
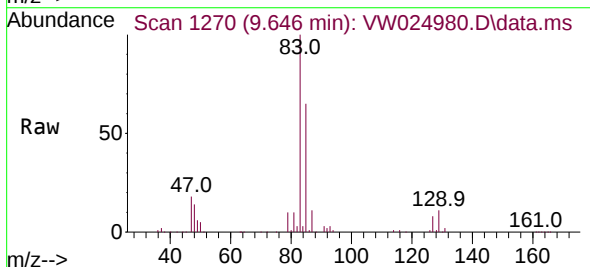
Tgt Ion: 83 Resp: 150997

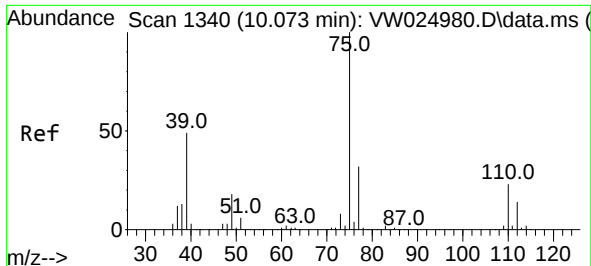
Ion Ratio Lower Upper

83 100

85 65.4 45.8 85.0

127 8.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 25.162 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

Instrument :

MSVOA_W

ClientSampleId :

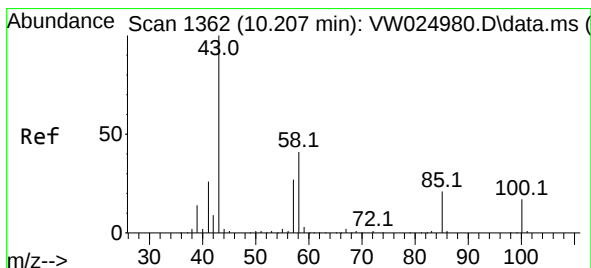
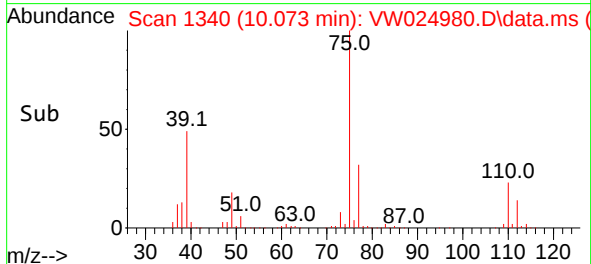
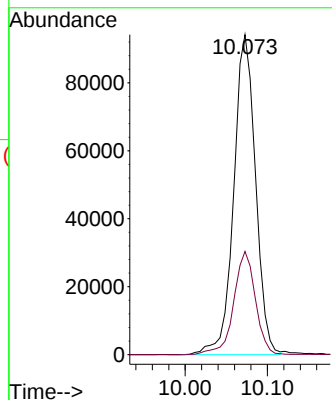
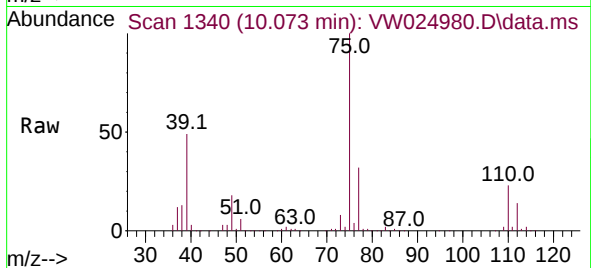
VSTD025463

Tgt Ion: 75 Resp: 173666

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 49.974 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

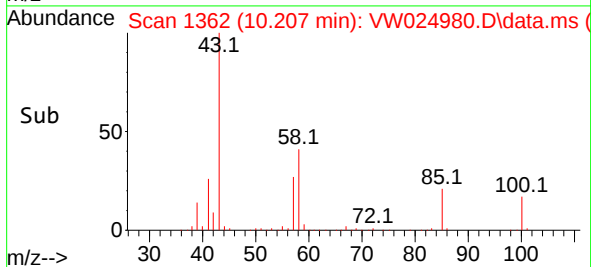
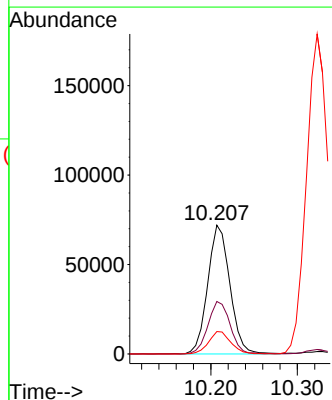
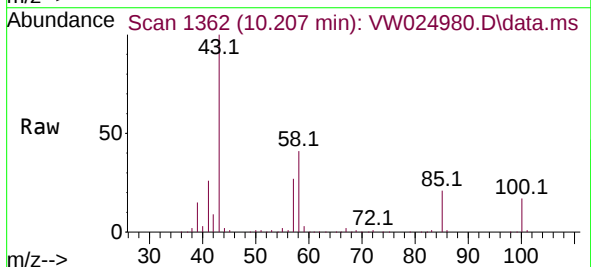
Tgt Ion: 43 Resp: 128032

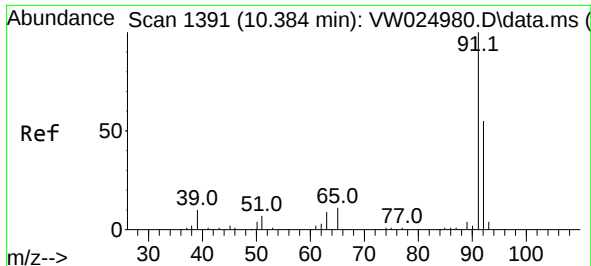
Ion Ratio Lower Upper

43 100

58 40.7 32.6 48.8

100 17.5 14.0 21.0

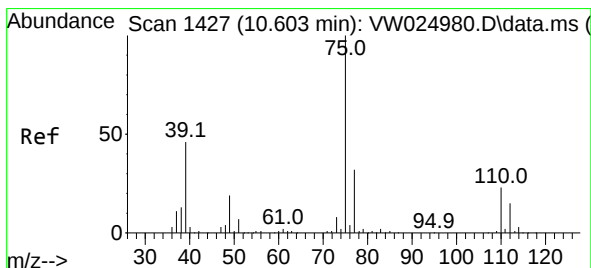
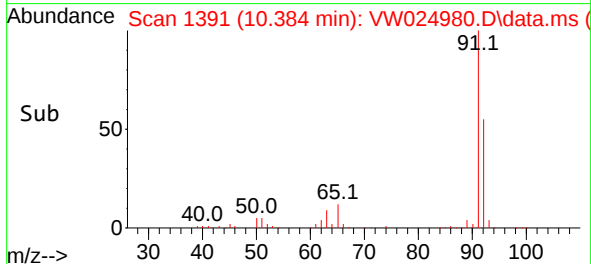
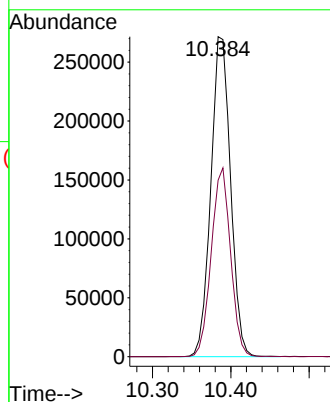
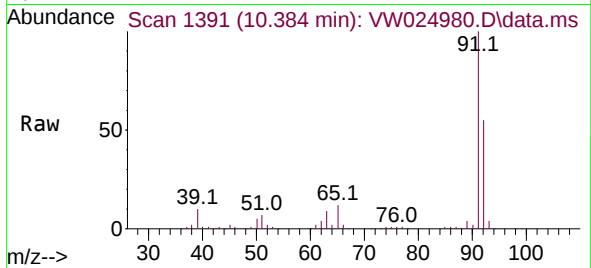




#42
Toluene
Concen: 24.855 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

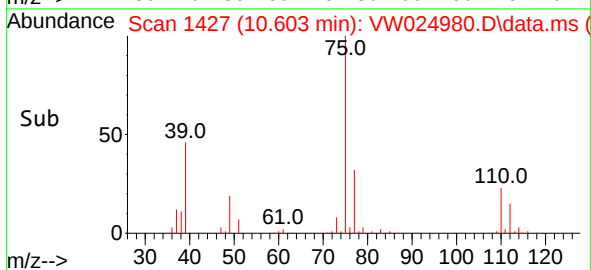
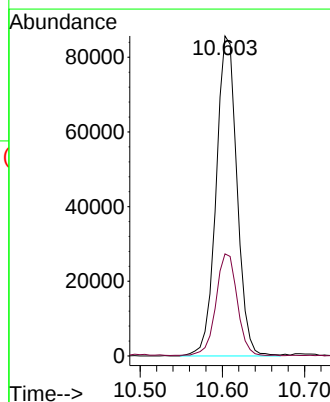
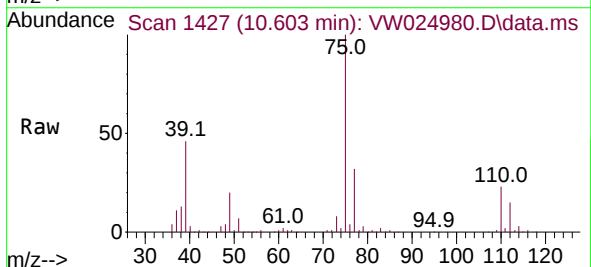
Instrument :
MSVOA_W
ClientSampleId :
VSTD025463

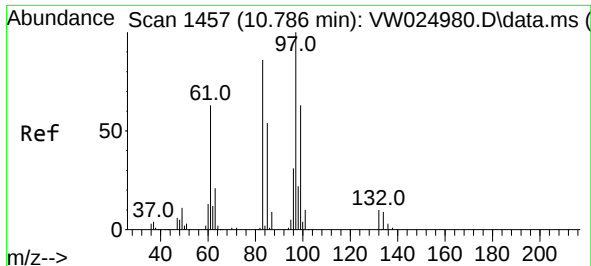
Tgt Ion: 91 Resp: 474650
Ion Ratio Lower Upper
91 100
92 55.2 38.6 71.8



#44
trans-1,3-Dichloropropene
Concen: 24.592 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

Tgt Ion: 75 Resp: 150894
Ion Ratio Lower Upper
75 100
77 31.9 22.3 41.5

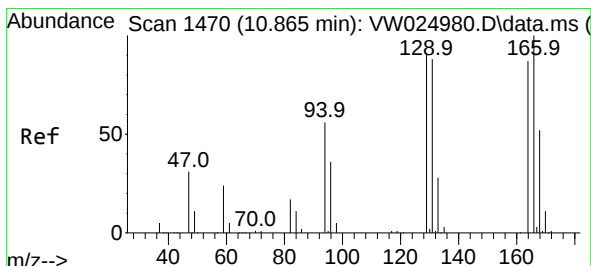
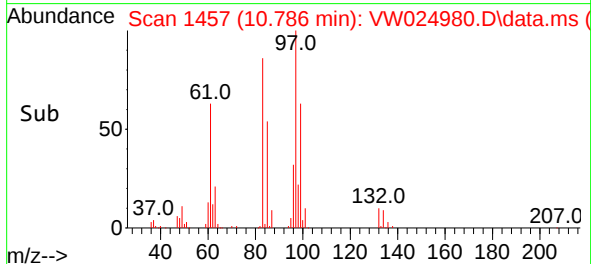
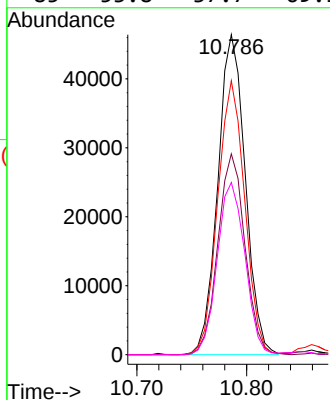
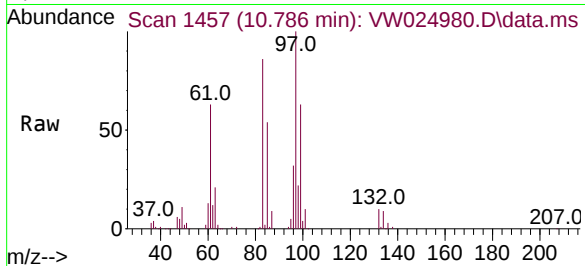




#45
1,1,2-Trichloroethane
Concen: 24.507 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

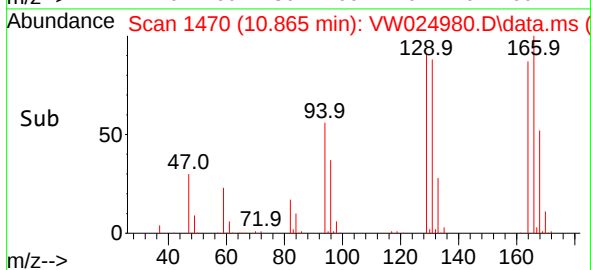
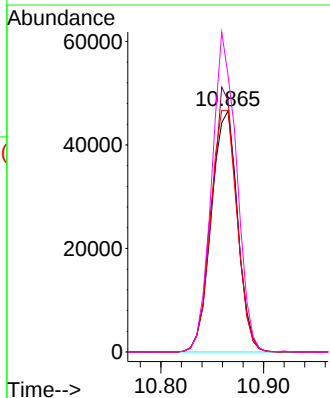
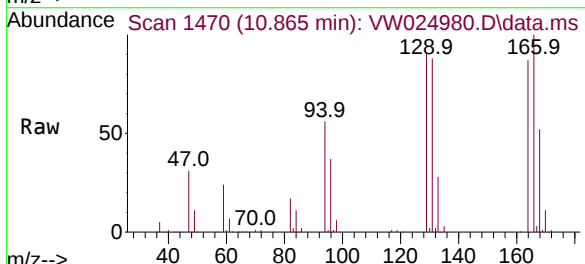
Instrument :
MSVOA_W
ClientSampleId :
VSTD025463

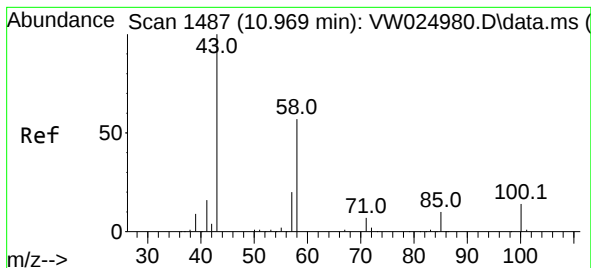
Tgt Ion:	97	Resp:	80783
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.0	81.6
83	85.6	59.9	111.3
85	53.8	37.7	69.9



#46
Tetrachloroethene
Concen: 24.247 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

Tgt Ion:	164	Resp:	82572
Ion	Ratio	Lower	Upper
164	100		
129	104.2	72.9	135.5
131	100.2	70.1	130.3
166	114.5	80.2	148.9

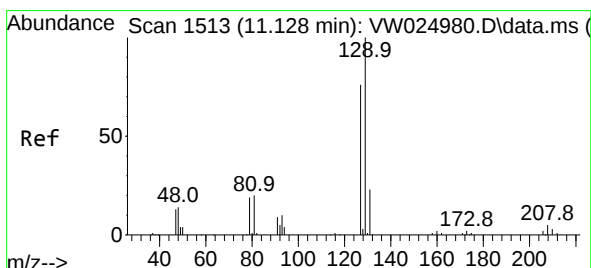
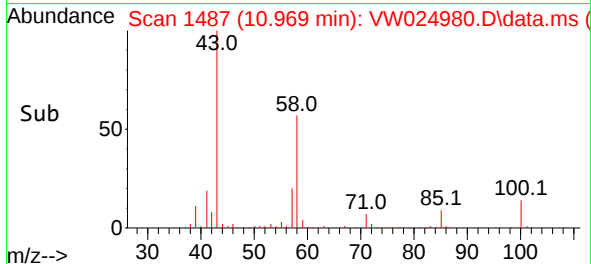
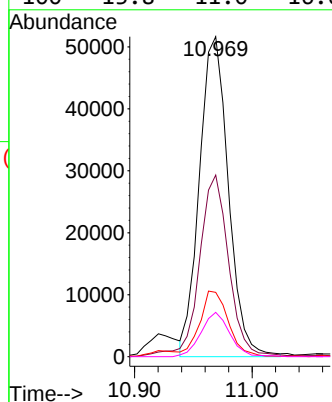
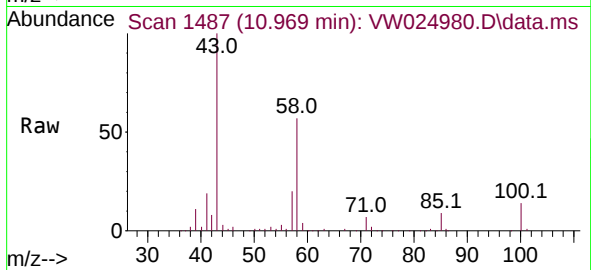




#48
2-Hexanone
Concen: 49.985 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

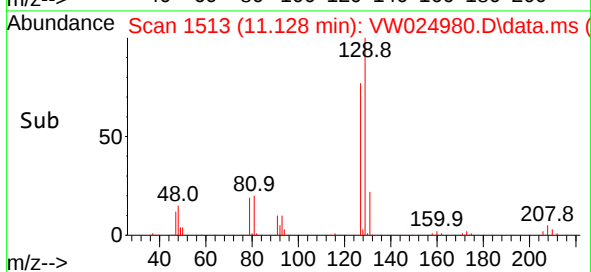
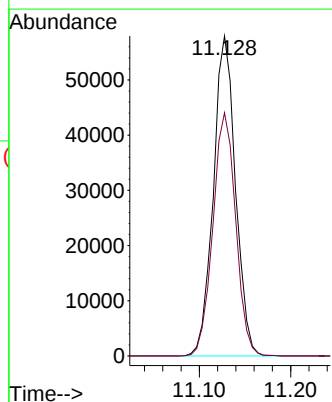
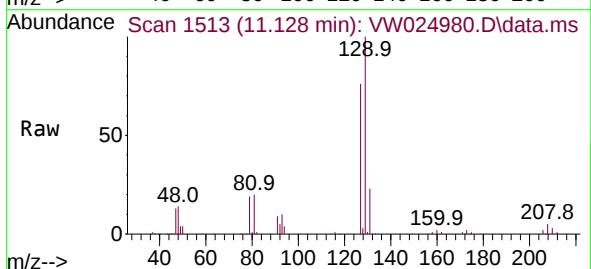
Instrument :
MSVOA_W
ClientSampleId :
VSTD025463

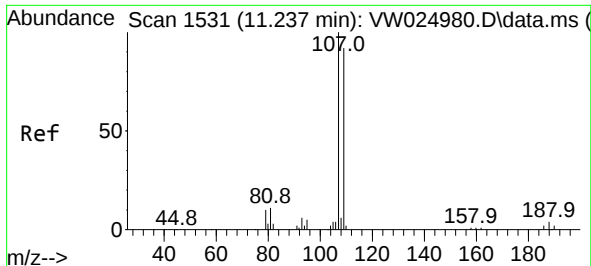
Tgt Ion:	43	Resp:	88564
Ion	Ratio	Lower	Upper
43	100		
58	57.6	46.1	69.1
57	20.2	16.2	24.2
100	13.8	11.0	16.6



#49
Dibromochloromethane
Concen: 24.274 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

Tgt Ion:	129	Resp:	97536
Ion	Ratio	Lower	Upper
129	100		
127	76.0	53.2	98.8





#50

1,2-Dibromoethane

Concen: 24.460 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025463

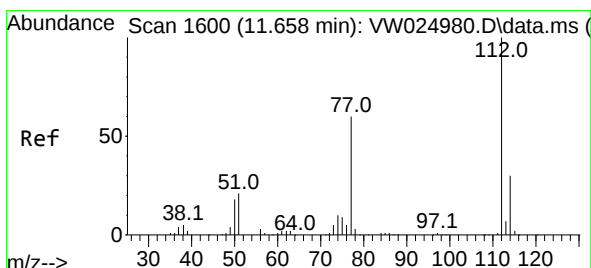
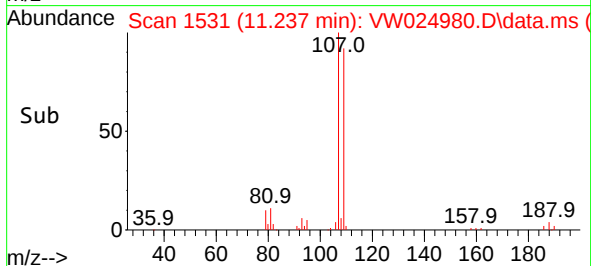
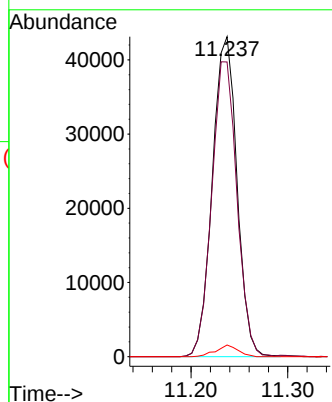
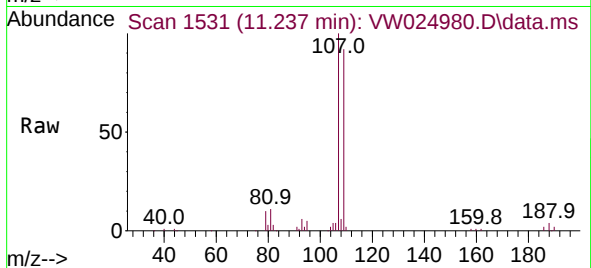
Tgt Ion:107 Resp: 76254

Ion Ratio Lower Upper

107 100

109 92.1 64.5 119.7

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 23.809 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

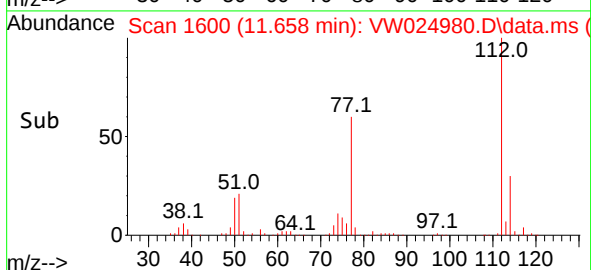
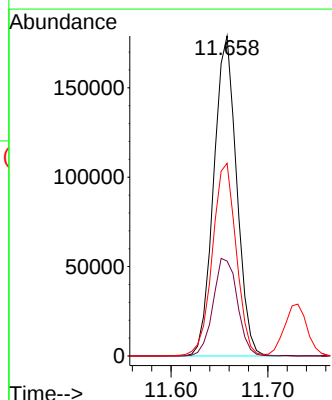
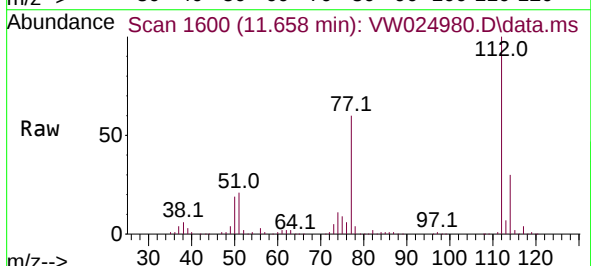
Tgt Ion:112 Resp: 294712

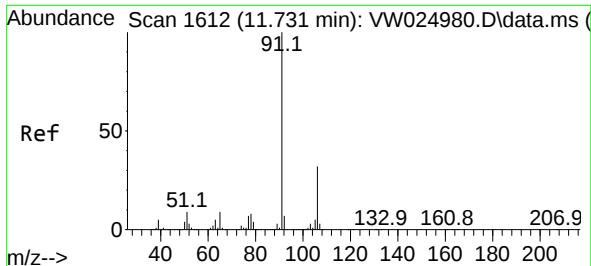
Ion Ratio Lower Upper

112 100

114 29.7 20.8 38.6

77 60.2 48.2 72.2

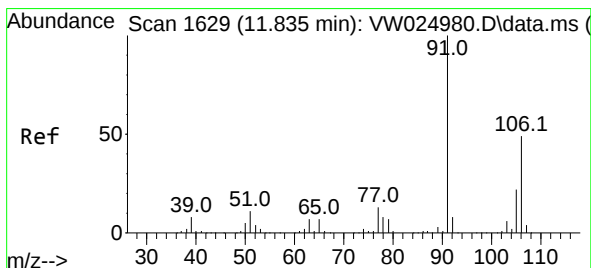
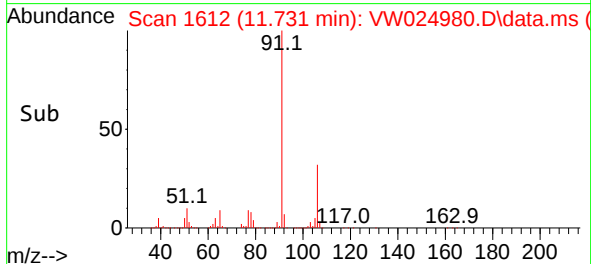
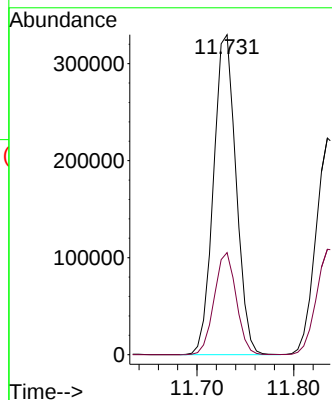
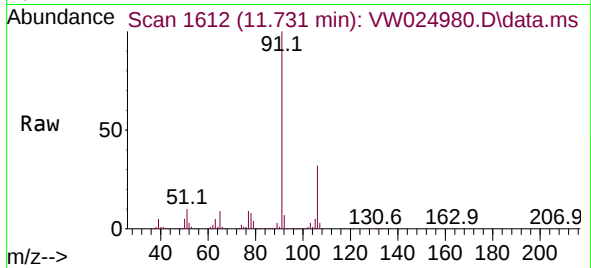




#52
Ethylbenzene
Concen: 24.247 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

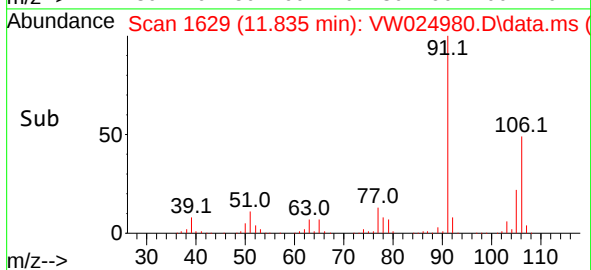
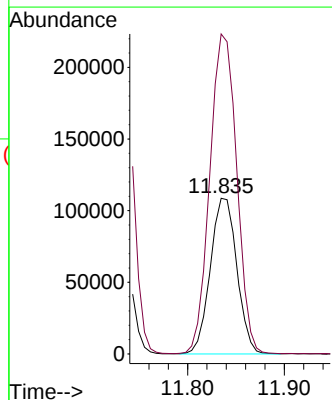
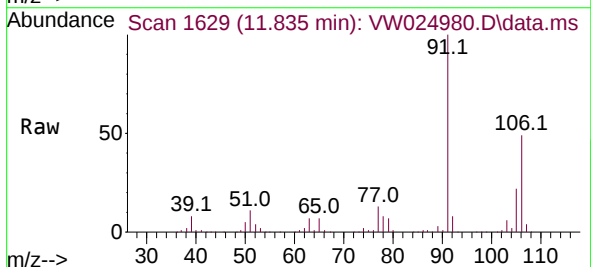
Instrument :
MSVOA_W
ClientSampleId :
VSTD025463

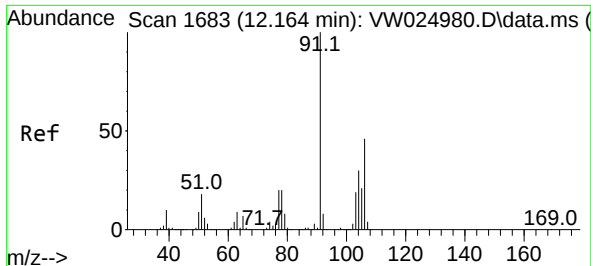
Tgt Ion: 91 Resp: 534496
Ion Ratio Lower Upper
91 100
106 31.9 22.3 41.5



#53
m,p-Xylene
Concen: 24.304 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

Tgt Ion:106 Resp: 207385
Ion Ratio Lower Upper
106 100
91 205.5 143.9 267.2

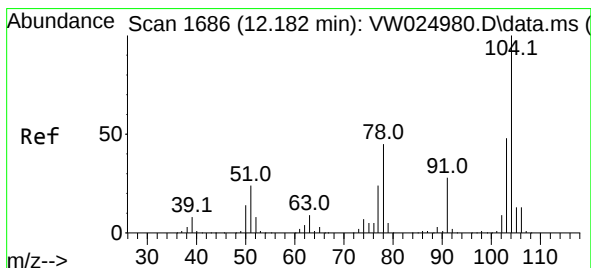
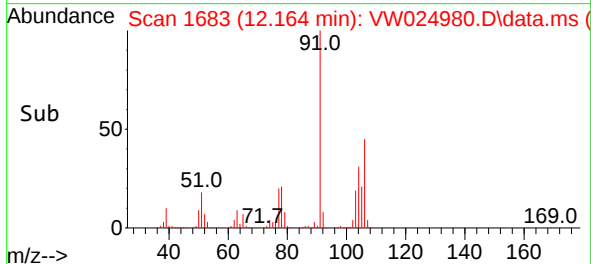
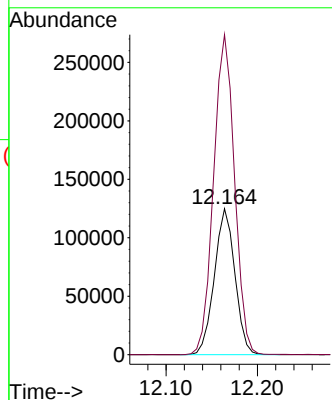
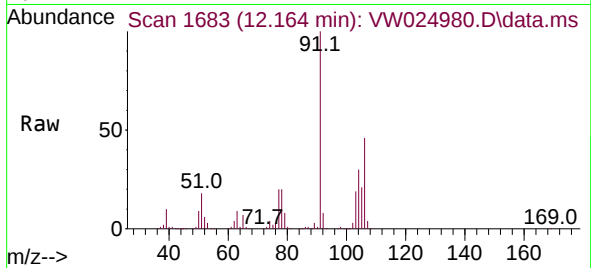




#54
o-Xylene
Concen: 24.229 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

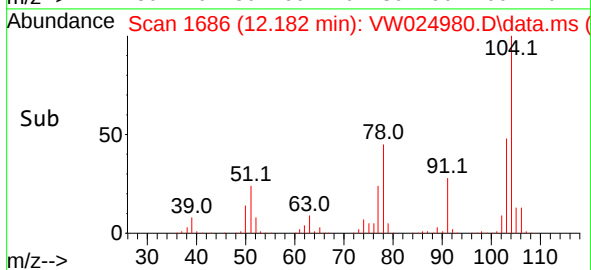
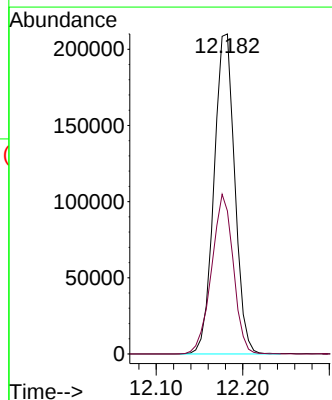
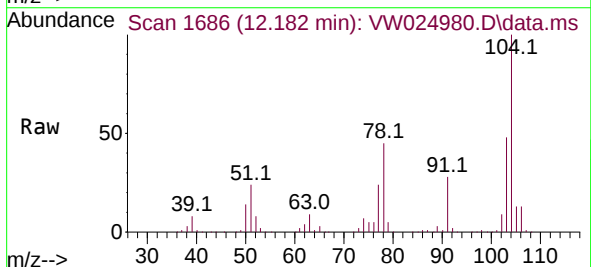
Instrument :
MSVOA_W
ClientSampleId :
VSTD025463

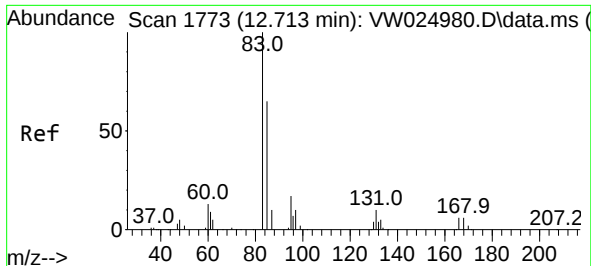
Tgt Ion:106 Resp: 195044
Ion Ratio Lower Upper
106 100
91 219.3 153.5 285.1



#55
Styrene
Concen: 25.004 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

Tgt Ion:104 Resp: 349589
Ion Ratio Lower Upper
104 100
78 44.7 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 24.453 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025463

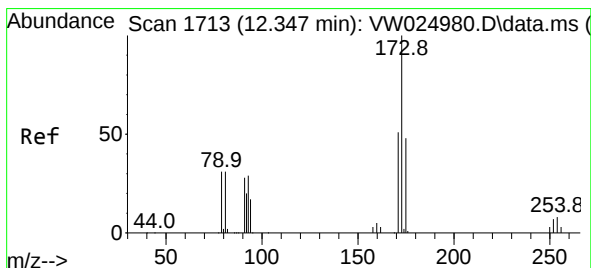
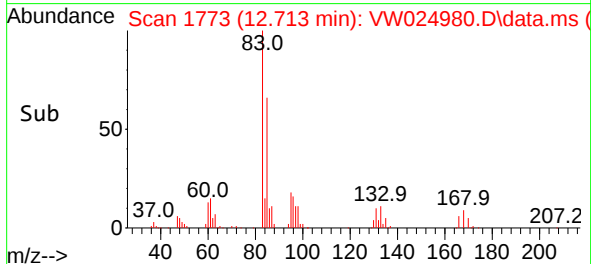
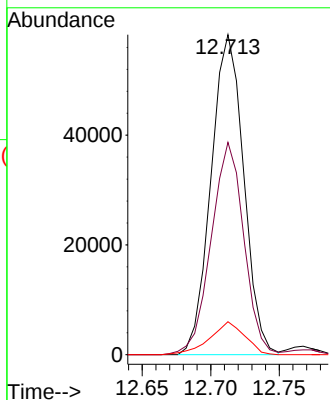
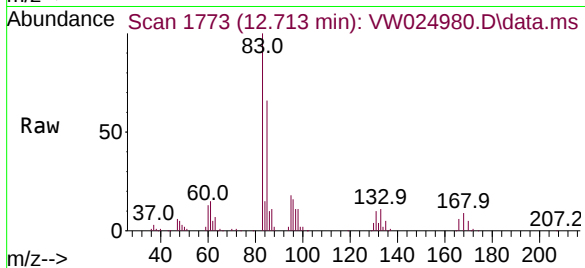
Tgt Ion: 83 Resp: 96698

Ion Ratio Lower Upper

83 100

85 66.3 46.4 86.2

131 10.3 8.2 12.4



#59

Bromoform

Concen: 25.043 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

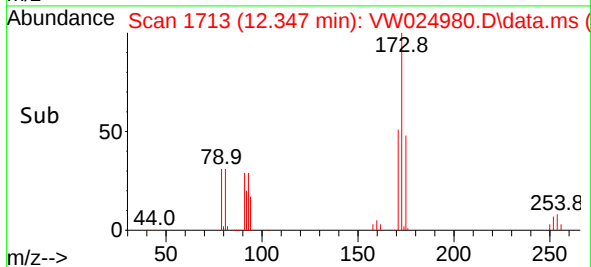
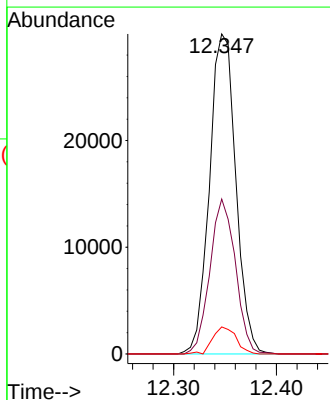
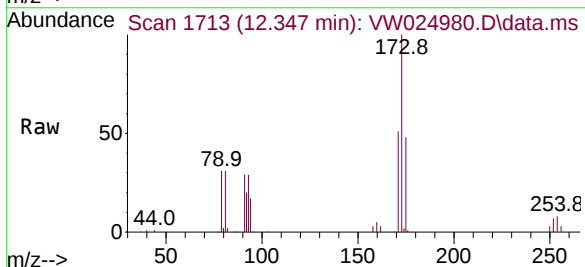
Tgt Ion:173 Resp: 53414

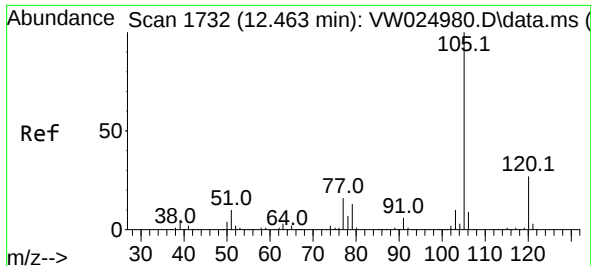
Ion Ratio Lower Upper

173 100

175 46.8 37.4 56.2

254 7.3 5.8 8.8

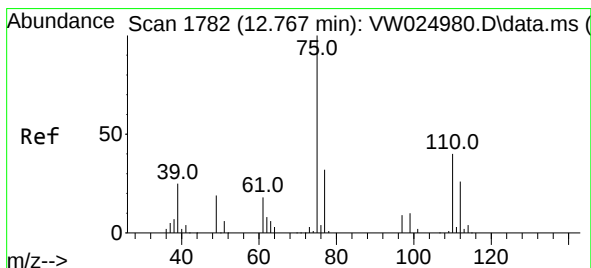
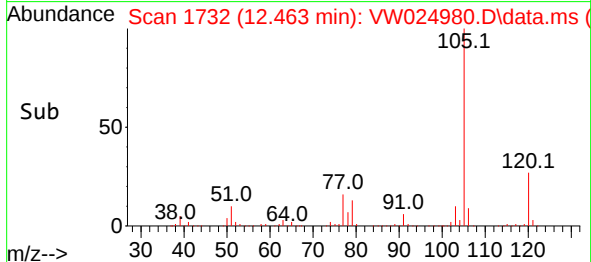
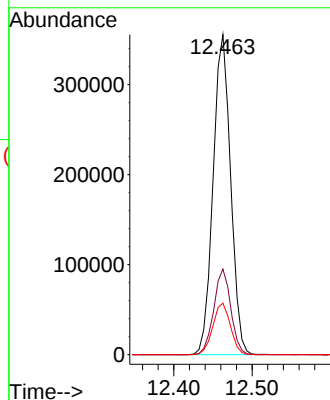
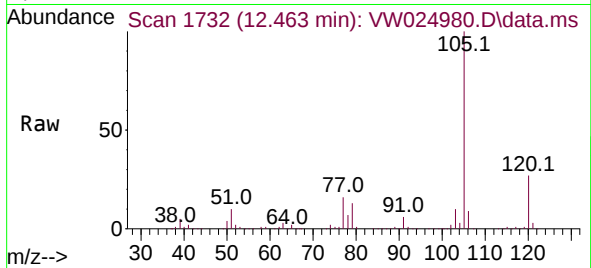




#60
Isopropylbenzene
Concen: 24.351 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

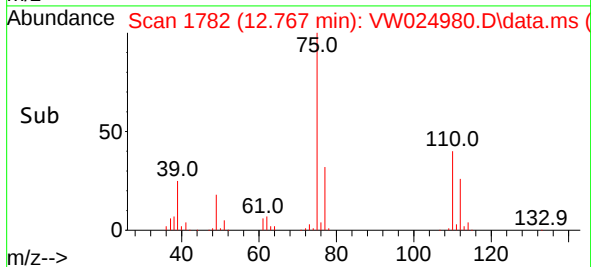
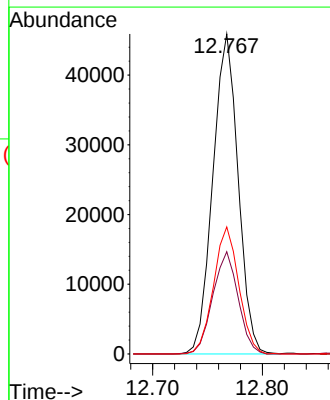
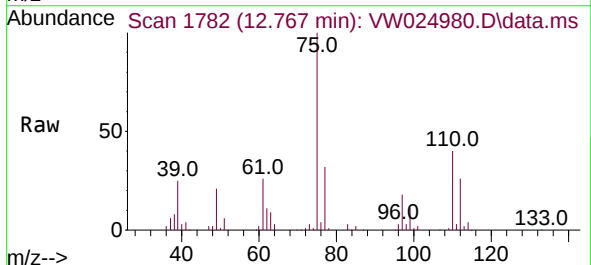
Instrument :
MSVOA_W
ClientSampleId :
VSTD025463

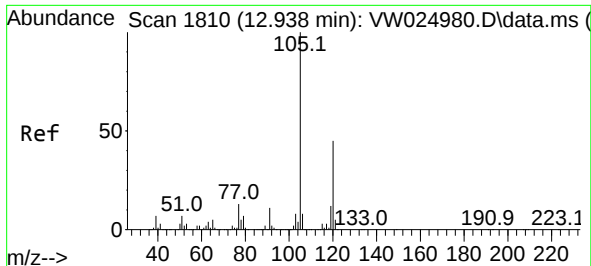
Tgt Ion:105 Resp: 552082
Ion Ratio Lower Upper
105 100
120 26.0 20.8 31.2
77 16.2 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 24.267 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

Tgt Ion: 75 Resp: 73521
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
110 39.6 31.7 47.5

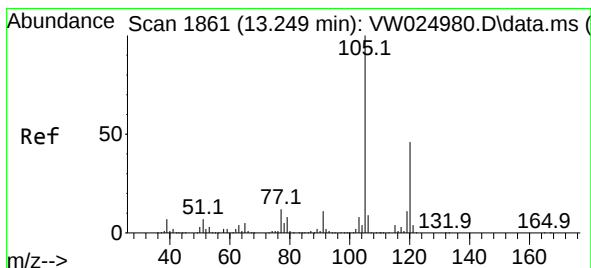
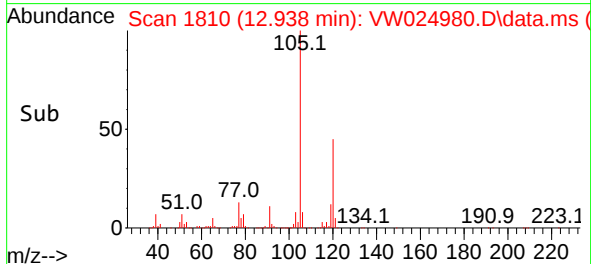
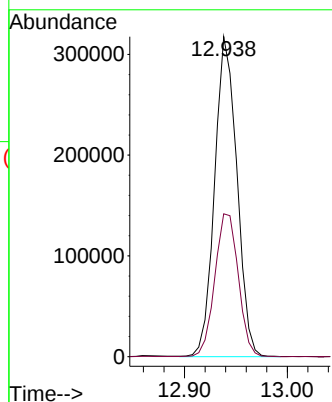
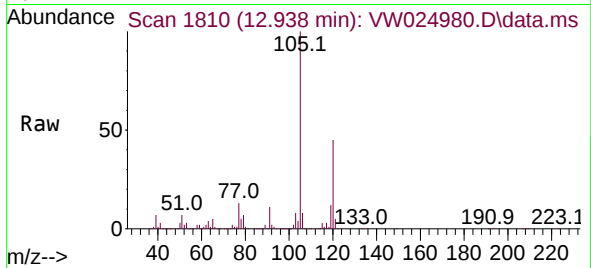




#62
1,3,5-Trimethylbenzene
Concen: 24.305 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

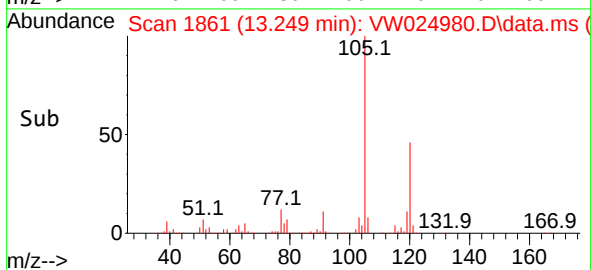
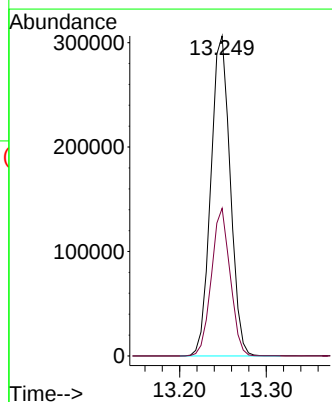
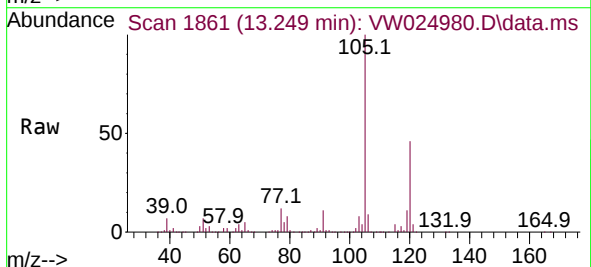
Instrument :
MSVOA_W
ClientSampleId :
VSTD025463

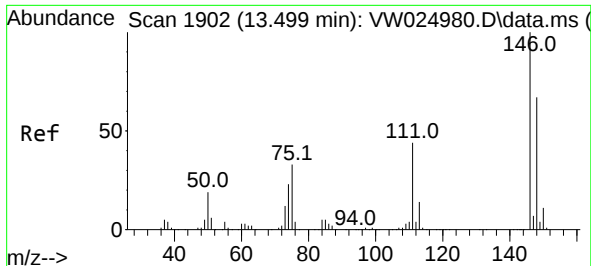
Tgt Ion:105 Resp: 478343
Ion Ratio Lower Upper
105 100
120 47.0 37.6 56.4



#63
1,2,4-Trimethylbenzene
Concen: 24.661 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024980.D
Acq: 26 Oct 2022 11:17

Tgt Ion:105 Resp: 475931
Ion Ratio Lower Upper
105 100
120 44.6 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 23.430 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025463

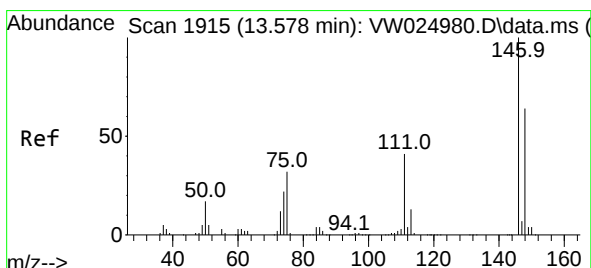
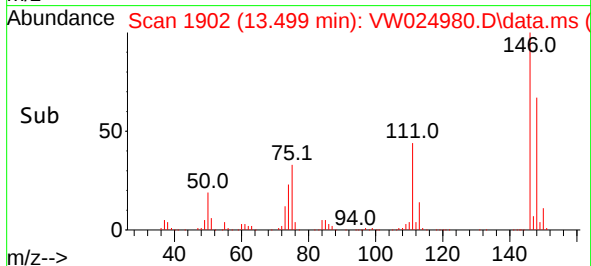
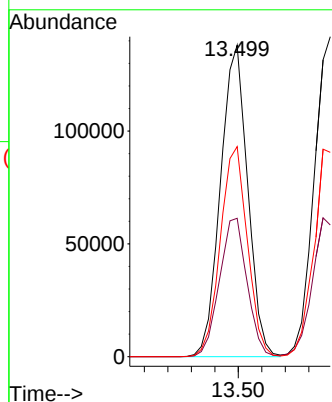
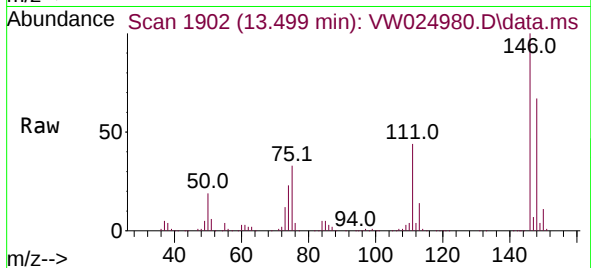
Tgt Ion:146 Resp: 221553

Ion Ratio Lower Upper

146 100

111 44.4 31.1 57.7

148 67.4 47.2 87.6



#65

1,4-Dichlorobenzene

Concen: 24.164 ug/L

RT: 13.578 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

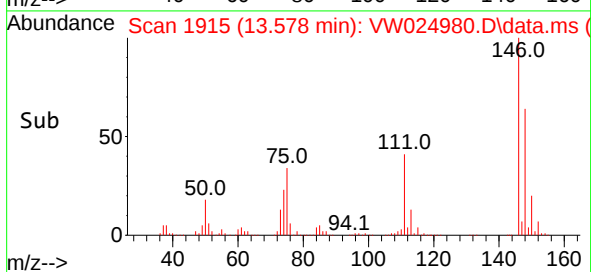
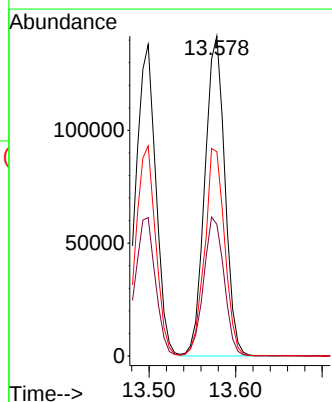
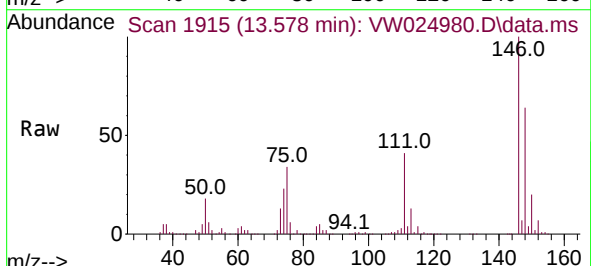
Tgt Ion:146 Resp: 227989

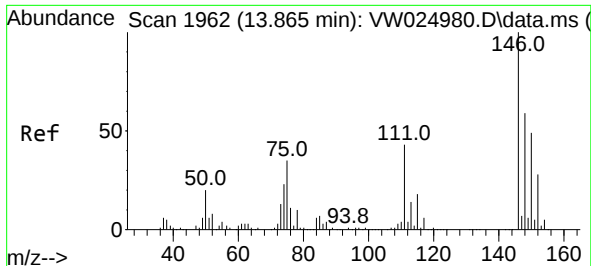
Ion Ratio Lower Upper

146 100

111 41.2 28.8 53.6

148 63.8 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 24.501 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025463

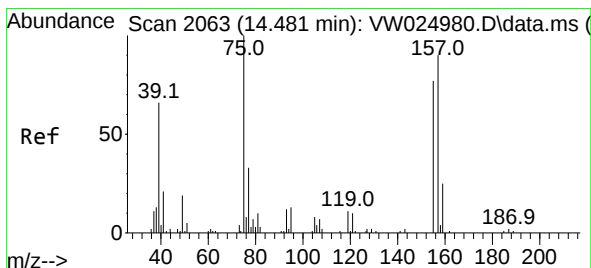
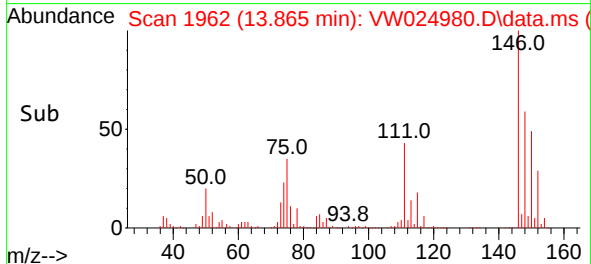
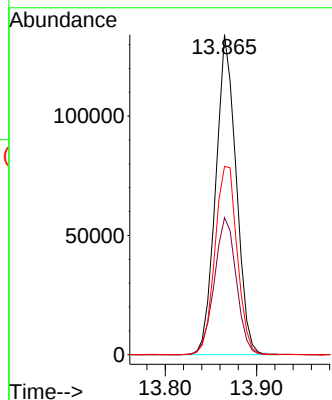
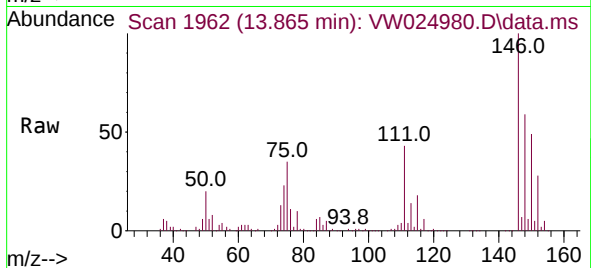
Tgt Ion:146 Resp: 208309

Ion Ratio Lower Upper

146 100

111 42.8 34.2 51.4

148 58.9 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 25.018 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

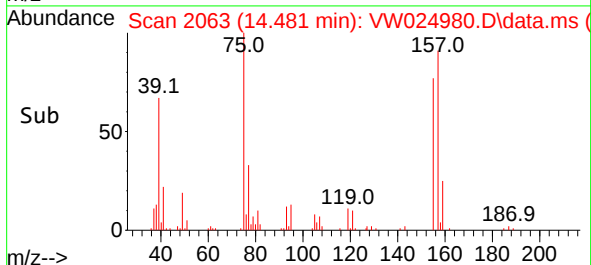
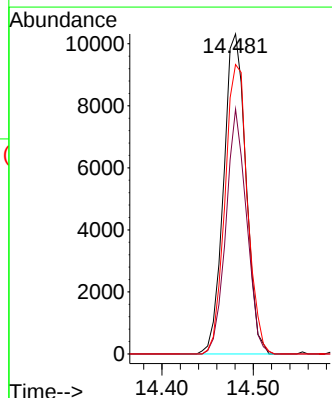
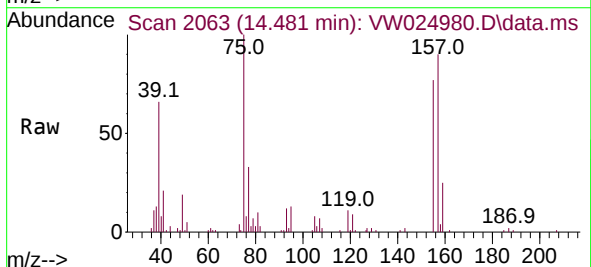
Tgt Ion: 75 Resp: 17516

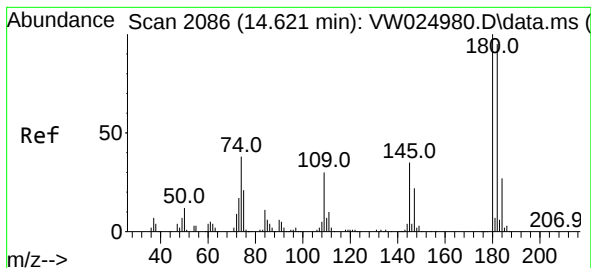
Ion Ratio Lower Upper

75 100

155 76.5 61.2 91.8

157 90.5 72.4 108.6





#69

1,3,5-Trichlorobenzene

Concen: 24.348 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025463

Tgt Ion:180 Resp: 152495

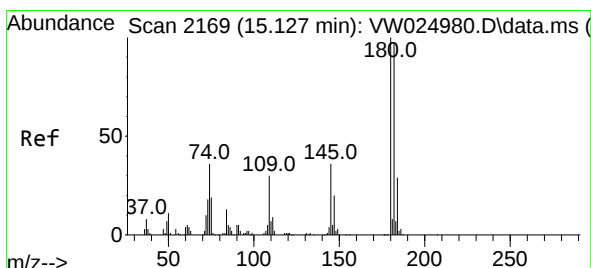
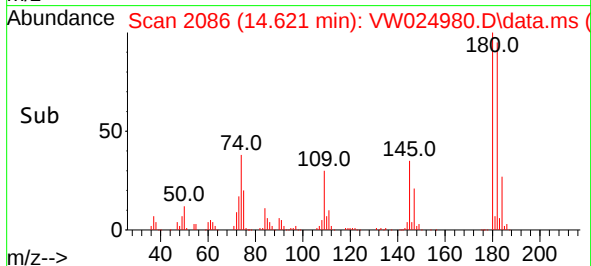
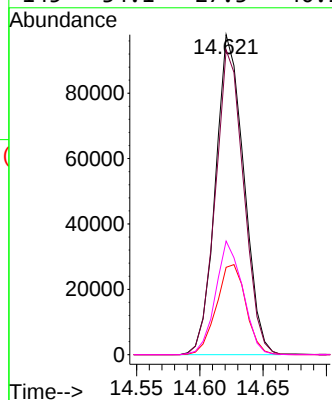
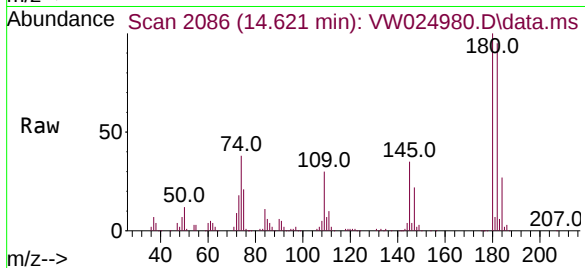
Ion Ratio Lower Upper

180 100

182 94.6 75.7 113.5

184 29.3 23.4 35.2

145 34.1 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 25.330 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

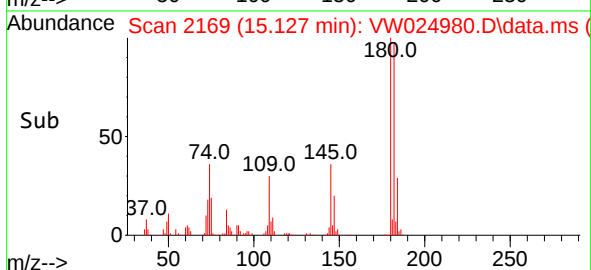
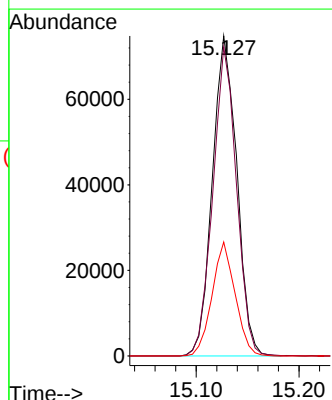
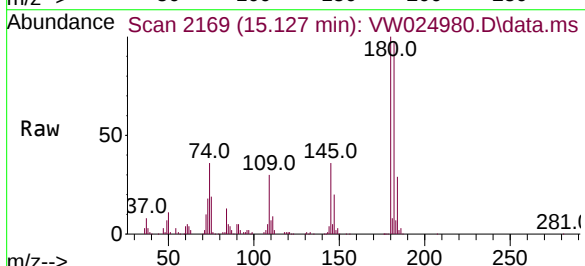
Tgt Ion:180 Resp: 123306

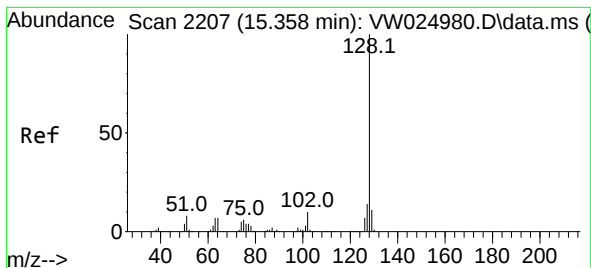
Ion Ratio Lower Upper

180 100

182 93.6 74.9 112.3

145 33.7 27.0 40.4





#71

Naphthalene

Concen: 25.597 ug/L

RT: 15.358 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025463

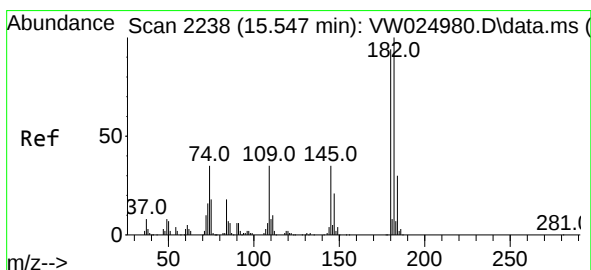
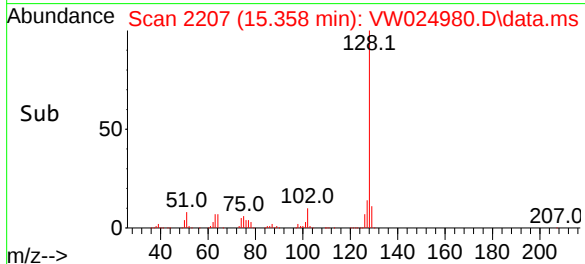
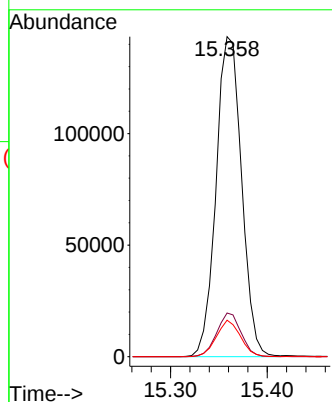
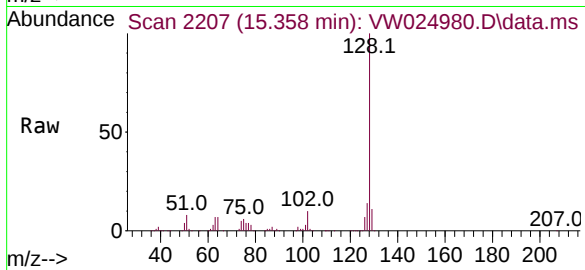
Tgt Ion:128 Resp: 262860

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 24.941 ug/L

RT: 15.547 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024980.D

Acq: 26 Oct 2022 11:17

Tgt Ion:180 Resp: 105787

Ion Ratio Lower Upper

180 100

182 92.6 74.1 111.1

145 35.2 28.2 42.2

