

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101222\
 Data File : VW024866.D
 Acq On : 12 Oct 2022 11:40
 Operator : SY/VA
 Sample : VSTD05058
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050458

Quant Time: Oct 12 22:48:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 12 22:46:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	434324	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	395427	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	187256	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	235098	45.882	ug/L	0.00
7) Chloroethane-d5	2.885	69	141931	47.309	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	522139	46.867	ug/L	0.00
21) 2-Butanone-d5	7.080	46	155912	96.032	ug/L	0.00
24) Chloroform-d	7.647	84	565485	46.161	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	289749	45.193	ug/L	0.00
32) Benzene-d6	8.275	84	1152418	46.475	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	353747	46.513	ug/L	0.00
41) Toluene-d8	10.323	98	1022818	45.957	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	143600	49.785	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	129160	101.294	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	273125	46.049	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	327813	47.904	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	134790	68.332	ug/L	96
3) Chloromethane	2.221	50	247673	54.726	ug/L	100
5) Vinyl chloride	2.367	62	331045	53.615	ug/L	98
6) Bromomethane	2.782	94	156005	52.020	ug/L	90
8) Chloroethane	2.922	64	135988	52.858	ug/L	100
9) Trichlorofluoromethane	3.257	101	150248	49.194	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	314110	50.512	ug/L	98
12) 1,1-Dichloroethene	4.044	96	308741	52.469	ug/L	91
13) Acetone	4.123	43	102837	92.198	ug/L	97
14) Carbon disulfide	4.385	76	1032972	53.744	ug/L	99
15) Methyl Acetate	4.672	43	142225	51.961	ug/L	100
16) Methylene chloride	4.922	84	317986	41.466	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	333494	52.067	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	492746	51.769	ug/L	99
19) 1,1-Dichloroethane	6.220	63	602287	50.827	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	358461	51.814	ug/L	100
22) 2-Butanone	7.171	43	185249	97.742	ug/L	99
23) Bromochloromethane	7.513	128	149772	52.896	ug/L	95
25) Chloroform	7.677	83	592668	50.955	ug/L	95
27) 1,2-Dichloroethane	8.397	62	384112	51.065	ug/L	100
29) Cyclohexane	7.958	56	616044	53.644	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	471039	51.797	ug/L	99
31) Carbon tetrachloride	8.067	117	414797	51.950	ug/L	98
33) Benzene	8.323	78	1362662	50.653	ug/L	100
34) Trichloroethene	9.092	95	349644	51.609	ug/L	97
35) Methylcyclohexane	9.335	83	648385	53.177	ug/L	99
37) 1,2-Dichloropropane	9.366	63	344688	51.413	ug/L	100
38) Bromodichloromethane	9.640	83	425901	51.415	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	527707	54.456	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	417100	105.260	ug/L	100
42) Toluene	10.384	91	1435611	52.049	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	449269	55.840	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101222\
 Data File : VW024866.D
 Acq On : 12 Oct 2022 11:40
 Operator : SY/VA
 Sample : VSTD05058
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050458

Quant Time: Oct 12 22:48:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 12 22:46:18 2022
 Response via : Initial Calibration

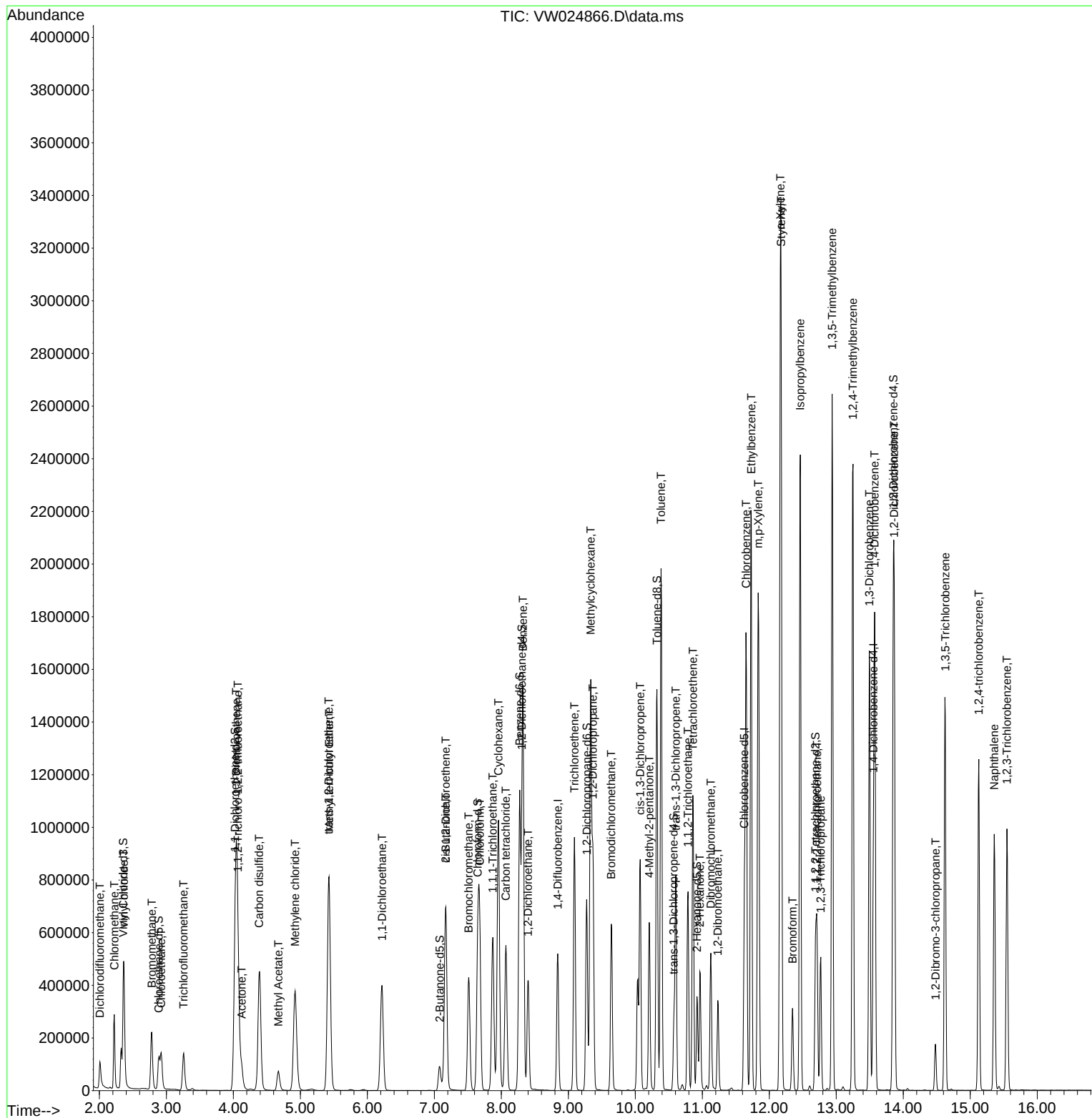
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	238537	50.937	ug/L	99
46) Tetrachloroethene	10.860	164	241896	52.511	ug/L	92
48) 2-Hexanone	10.963	43	288958	107.552	ug/L	96
49) Dibromochloromethane	11.128	129	272464	52.558	ug/L	93
50) 1,2-Dibromoethane	11.231	107	229875	52.108	ug/L	97
51) Chlorobenzene	11.652	112	889522	51.312	ug/L	99
52) Ethylbenzene	11.731	91	1611326	52.170	ug/L	99
53) m,p-Xylene	11.835	106	601726	51.278	ug/L	94
54) o-Xylene	12.164	106	589490	52.760	ug/L	97
55) Styrene	12.176	104	1030202	53.759	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	295472	51.715	ug/L	98
59) Bromoform	12.347	173	134078	53.510	ug/L #	95
60) Isopropylbenzene	12.463	105	1595440	52.819	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	216932	52.687	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	1413888	54.519	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	1342715	53.699	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	651330	52.947	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	648819	52.105	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	569307	52.066	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	49133	55.119	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	426484	53.099	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	361148	55.419	ug/L	99
71) Naphthalene	15.359	128	814483	57.684	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	297120	53.418	ug/L	96

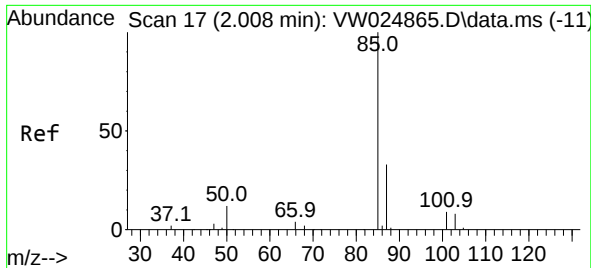
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW01222\
 Data File : VW024866.D
 Acq On : 12 Oct 2022 11:40
 Operator : SY/VA
 Sample : VSTD05058
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050458

Quant Time: Oct 12 22:48:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 12 22:46:18 2022
 Response via : Initial Calibration

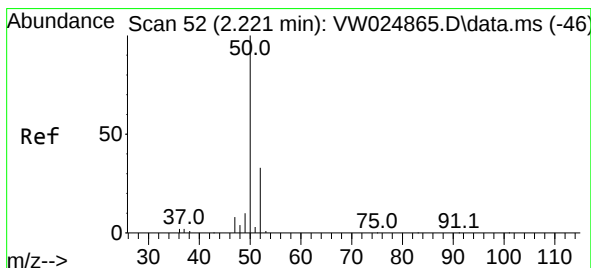
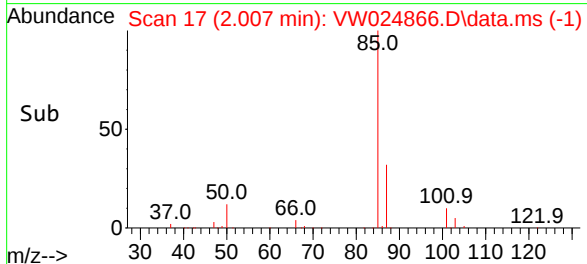
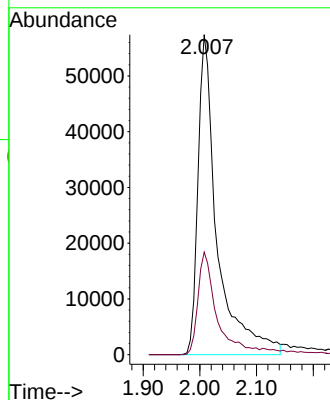
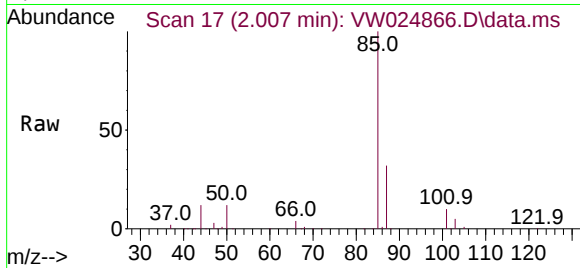




#2
 Dichlorodifluoromethane
 Concen: 68.332 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW024866.D
 Acq: 12 Oct 2022 11:40

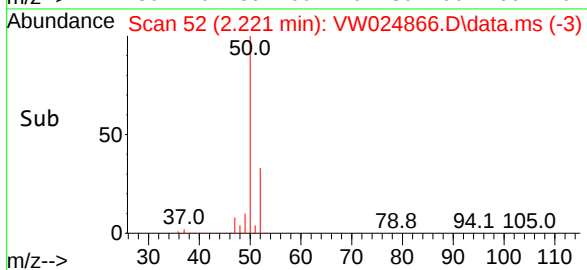
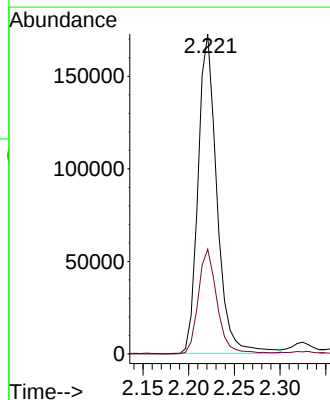
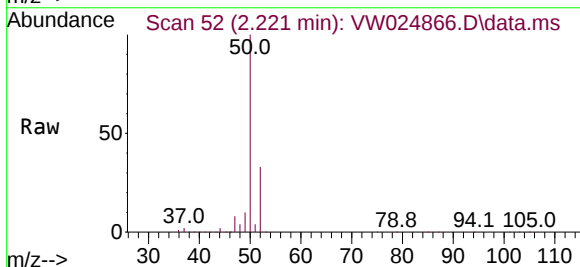
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050458

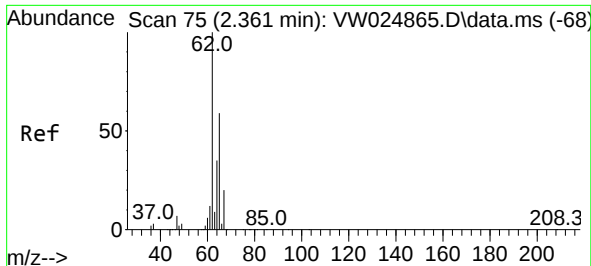
Tgt Ion: 85 Resp: 134790
 Ion Ratio Lower Upper
 85 100
 87 31.2 26.8 40.2



#3
 Chloromethane
 Concen: 54.726 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW024866.D
 Acq: 12 Oct 2022 11:40

Tgt Ion: 50 Resp: 247673
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.1 42.9

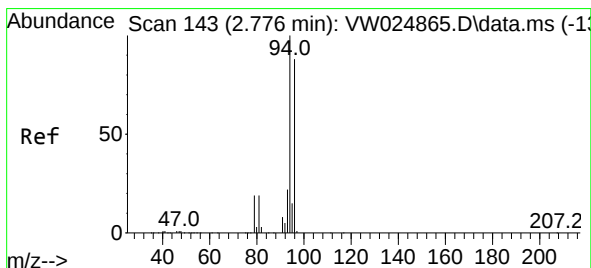
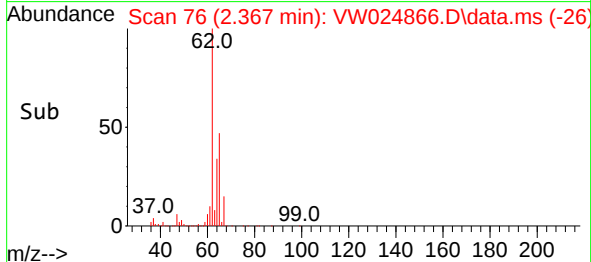
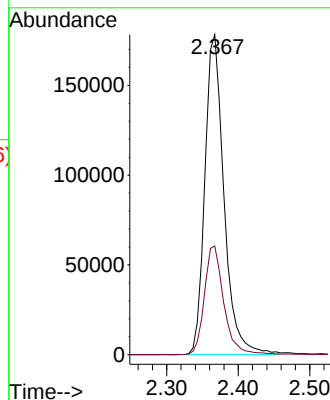
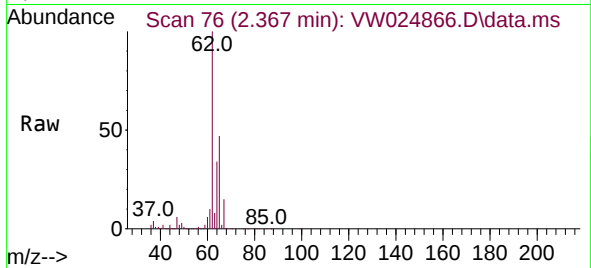




#5
 Vinyl chloride
 Concen: 53.615 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW024866.D
 Acq: 12 Oct 2022 11:40

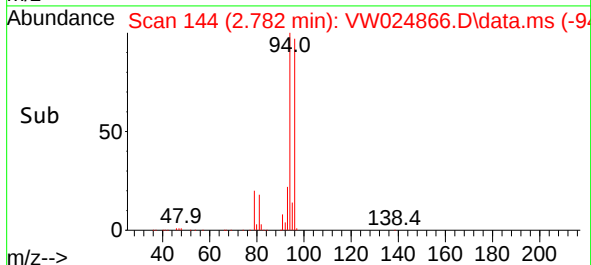
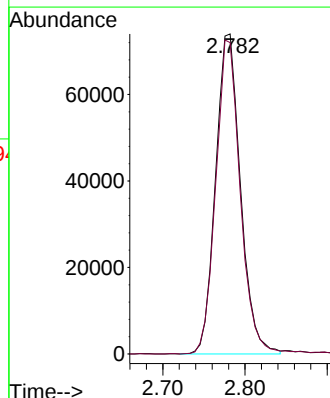
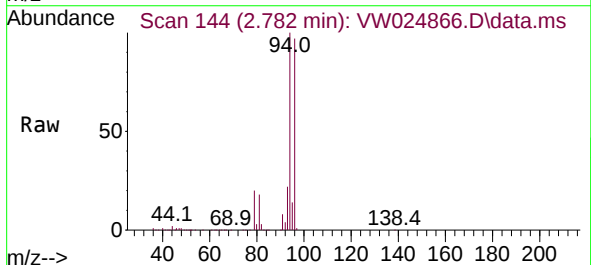
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050458

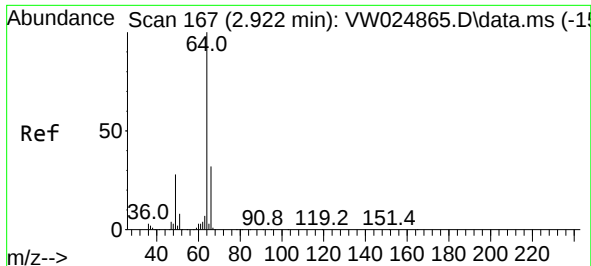
Tgt Ion: 62 Resp: 331045
 Ion Ratio Lower Upper
 62 100
 64 33.9 24.7 45.9



#6
 Bromomethane
 Concen: 52.020 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW024866.D
 Acq: 12 Oct 2022 11:40

Tgt Ion: 94 Resp: 156005
 Ion Ratio Lower Upper
 94 100
 96 97.3 61.4 114.0

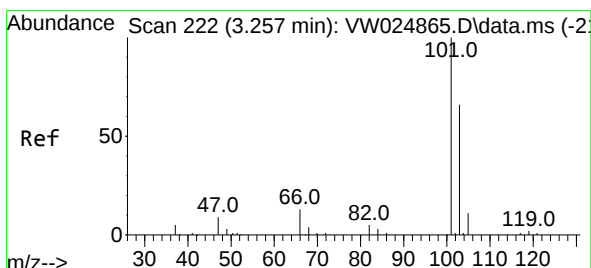
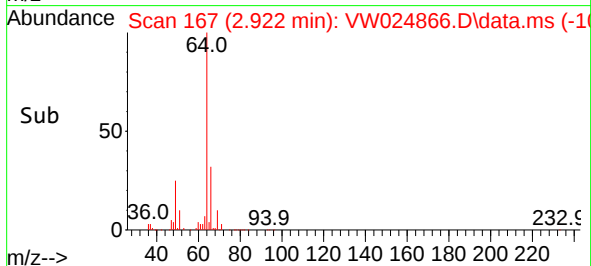
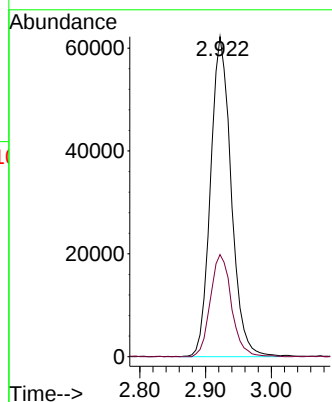
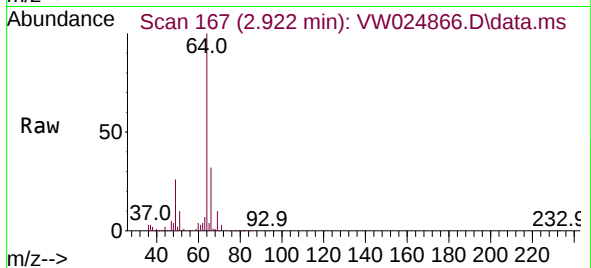




#8
Chloroethane
Concen: 52.858 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

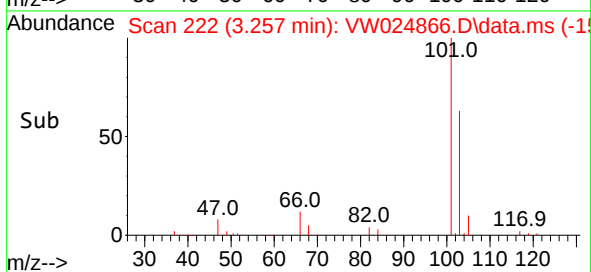
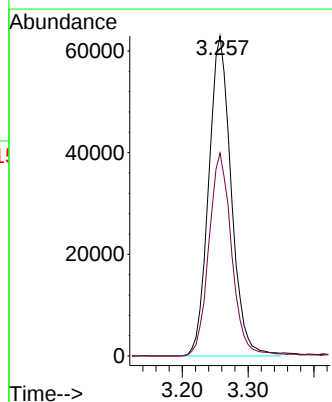
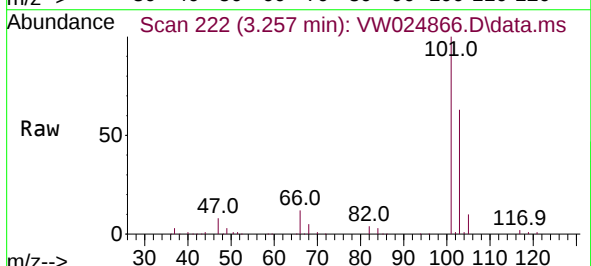
Instrument :
MSVOA_W
ClientSampleId :
VSTD050458

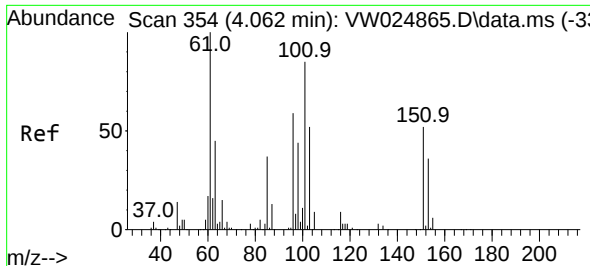
Tgt Ion: 64 Resp: 135988
Ion Ratio Lower Upper
64 100
66 31.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 49.194 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

Tgt Ion: 101 Resp: 150248
Ion Ratio Lower Upper
101 100
103 64.0 52.9 79.3

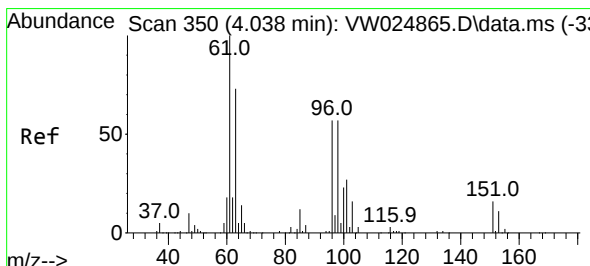
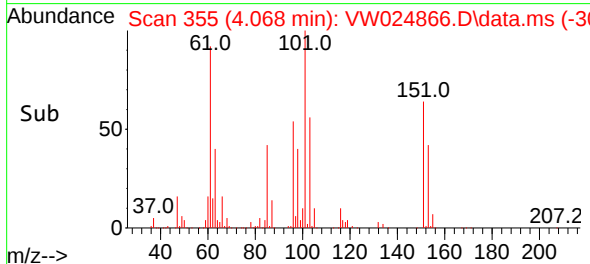
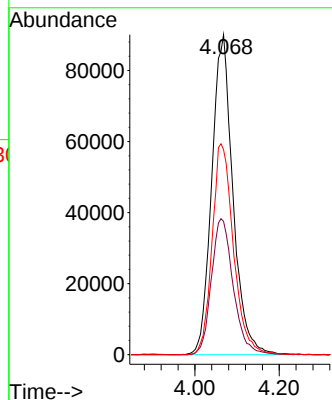
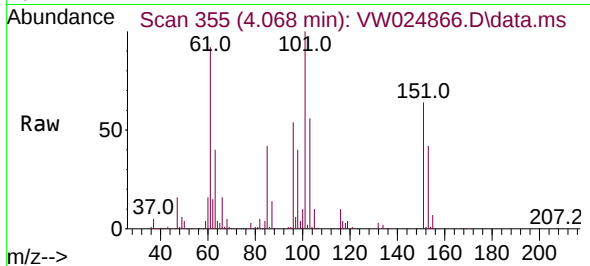




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.512 ug/L
RT: 4.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

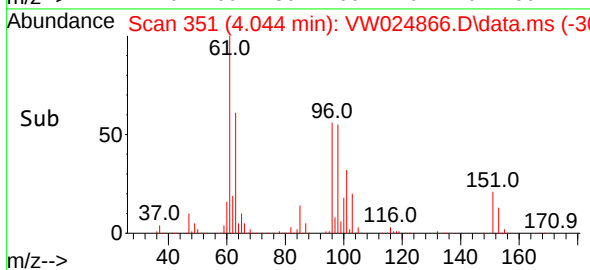
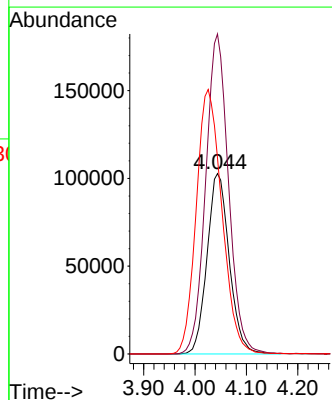
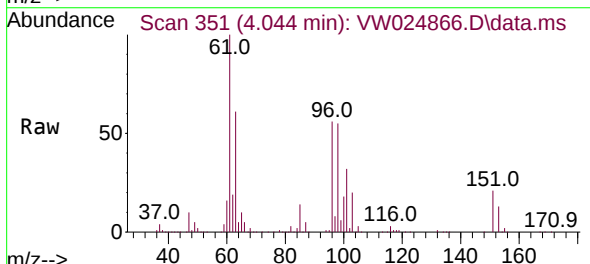
Instrument :
MSVOA_W
ClientSampleId :
VSTD050458

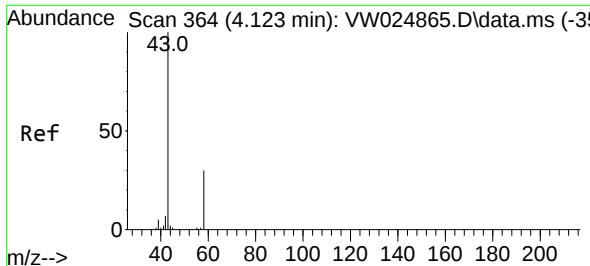
Tgt Ion:101 Resp: 314110
Ion Ratio Lower Upper
101 100
85 43.8 33.6 50.4
151 66.3 52.0 78.0



#12
1,1-Dichloroethene
Concen: 52.469 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

Tgt Ion: 96 Resp: 308741
Ion Ratio Lower Upper
96 100
61 177.5 122.4 227.2
63 108.9 92.1 171.1





#13

Acetone

Concen: 92.198 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.000 min

Lab File: VW024866.D

Acq: 12 Oct 2022 11:40

Instrument :

MSVOA_W

ClientSampleId :

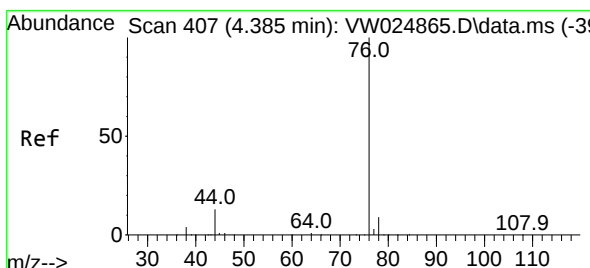
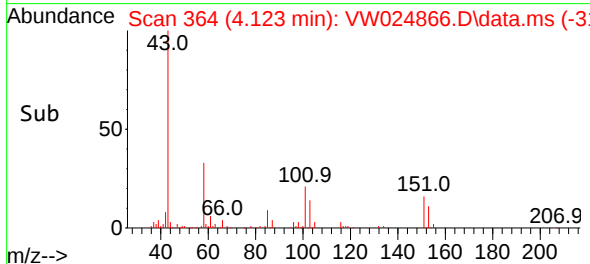
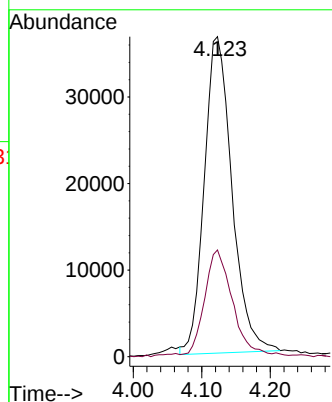
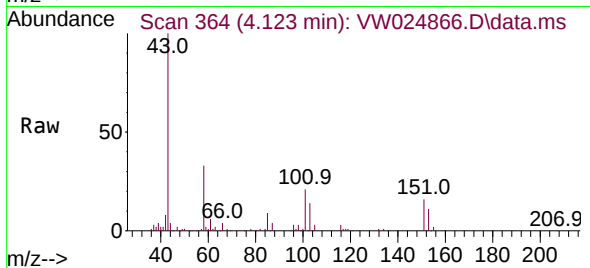
VSTD050458

Tgt Ion: 43 Resp: 102837

Ion Ratio Lower Upper

43 100

58 34.0 0.0 64.2



#14

Carbon disulfide

Concen: 53.744 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW024866.D

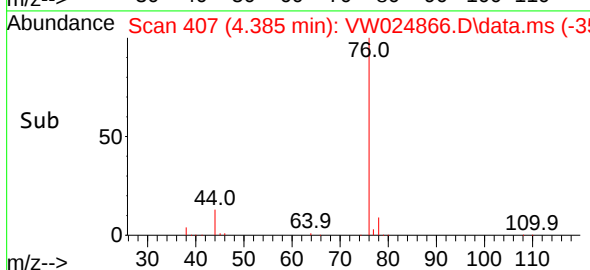
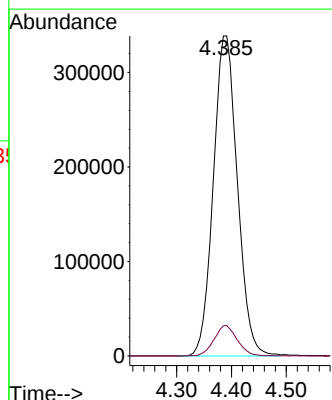
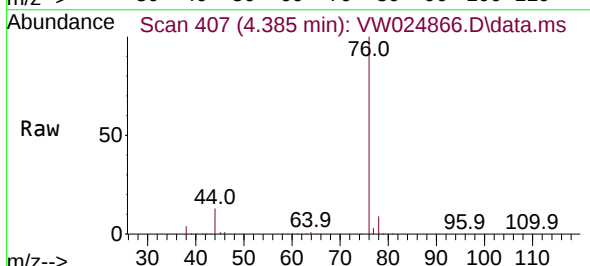
Acq: 12 Oct 2022 11:40

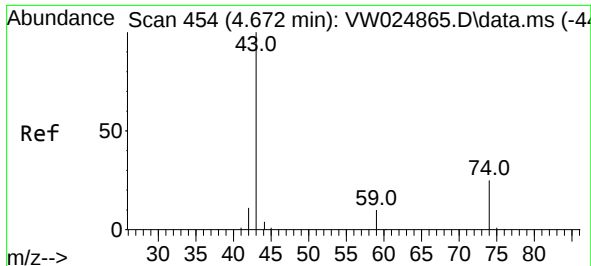
Tgt Ion: 76 Resp: 1032972

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

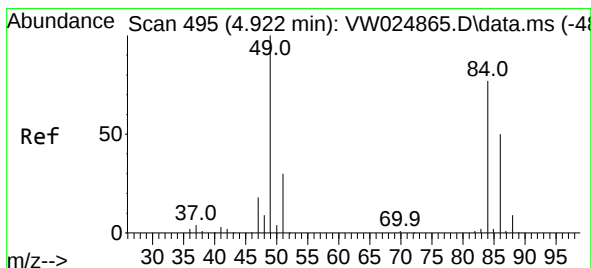
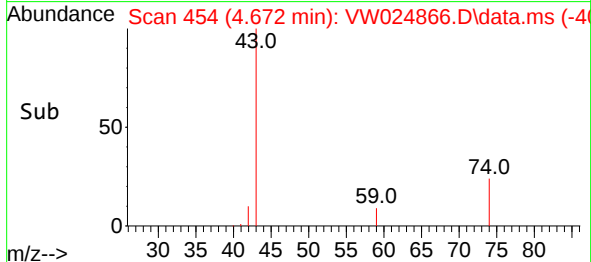
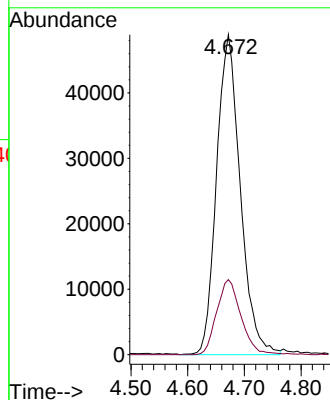
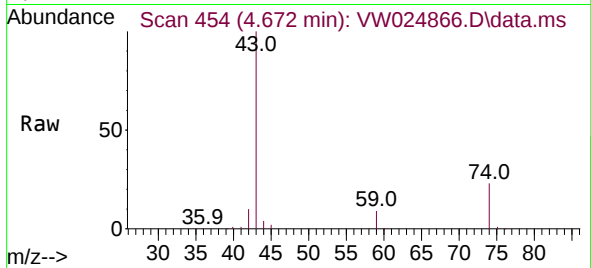




#15
Methyl Acetate
Concen: 51.961 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

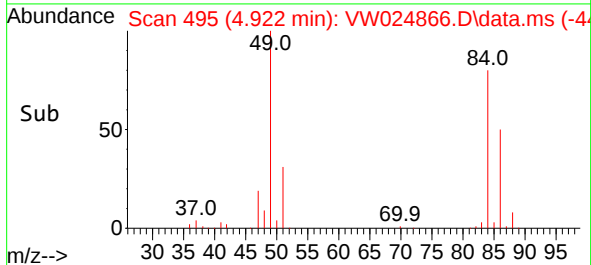
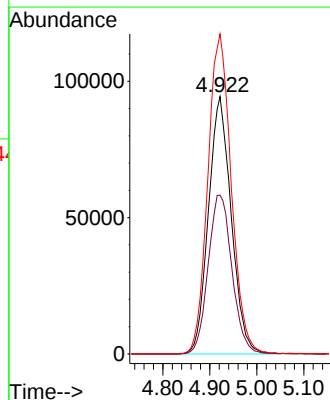
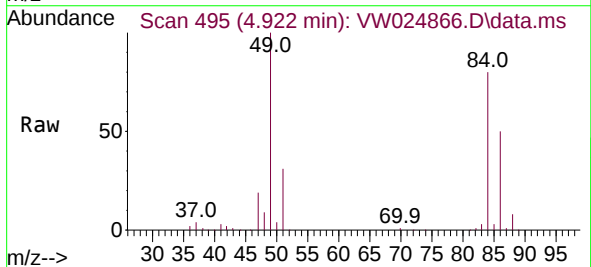
Instrument :
MSVOA_W
ClientSampleId :
VSTD050458

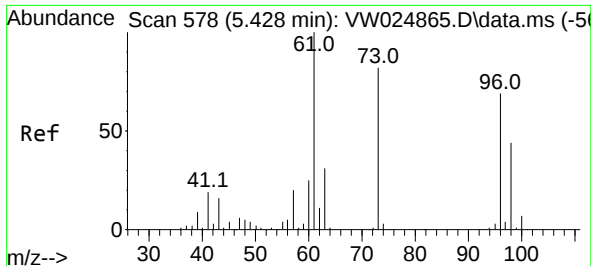
Tgt Ion: 43 Resp: 142225
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.6



#16
Methylene chloride
Concen: 41.466 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

Tgt Ion: 84 Resp: 317986
Ion Ratio Lower Upper
84 100
86 61.7 45.5 84.5
49 124.3 90.9 168.9





#17

trans-1,2-Dichloroethene

Concen: 52.067 ug/L

RT: 5.422 min Scan# 5

Delta R.T. -0.006 min

Lab File: VW024866.D

Acq: 12 Oct 2022 11:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD050458

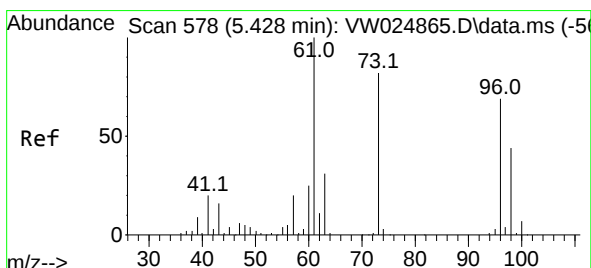
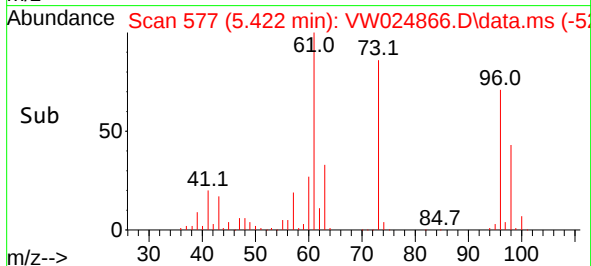
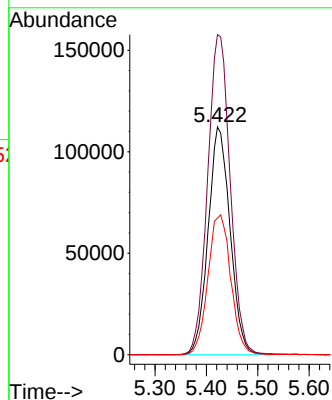
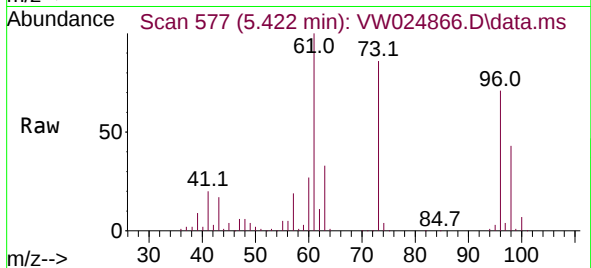
Tgt Ion: 96 Resp: 333494

Ion Ratio Lower Upper

96 100

61 140.5 102.2 189.8

98 59.9 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 51.769 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW024866.D

Acq: 12 Oct 2022 11:40

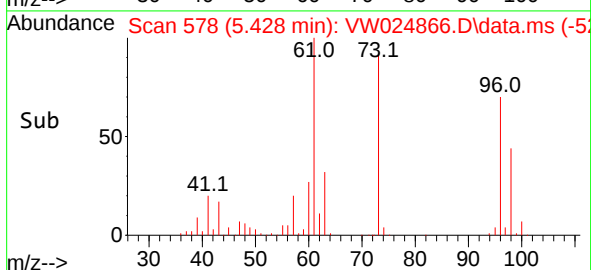
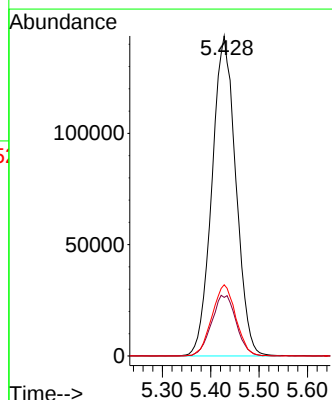
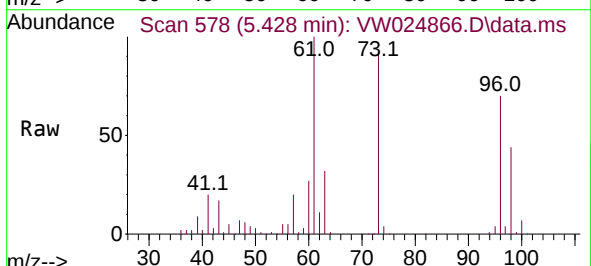
Tgt Ion: 73 Resp: 492746

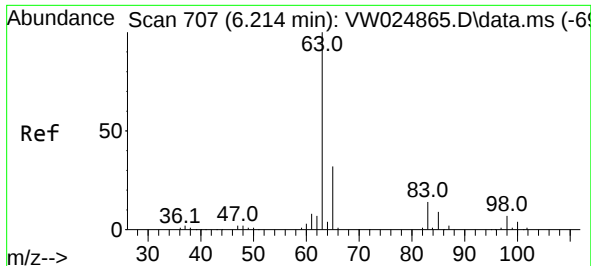
Ion Ratio Lower Upper

73 100

43 19.5 15.8 23.6

57 22.3 18.2 27.4





#19

1,1-Dichloroethane

Concen: 50.827 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW024866.D

Acq: 12 Oct 2022 11:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD050458

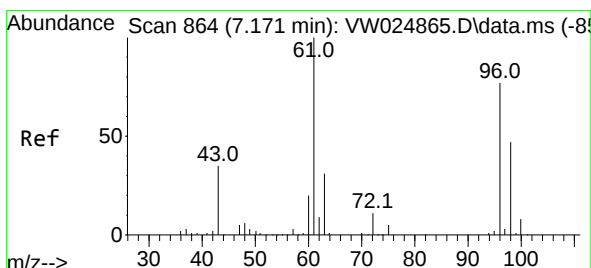
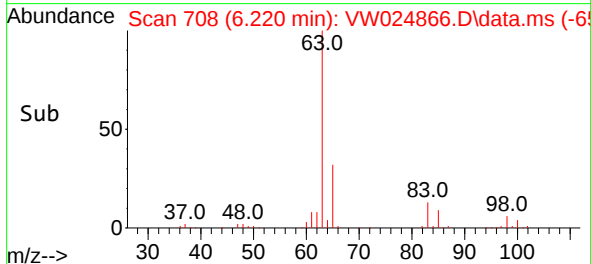
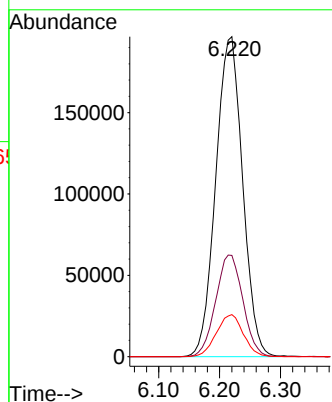
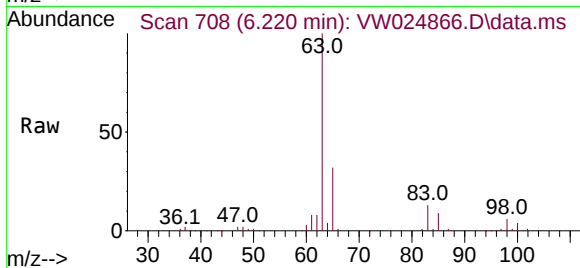
Tgt Ion: 63 Resp: 602287

Ion Ratio Lower Upper

63 100

65 31.6 22.4 41.6

83 13.1 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 51.814 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW024866.D

Acq: 12 Oct 2022 11:40

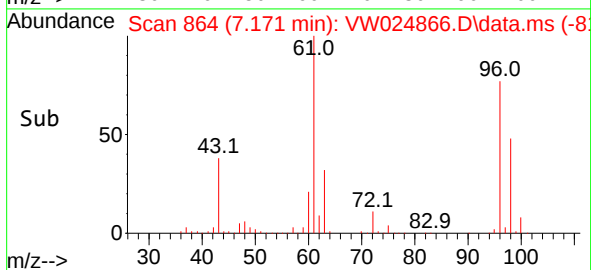
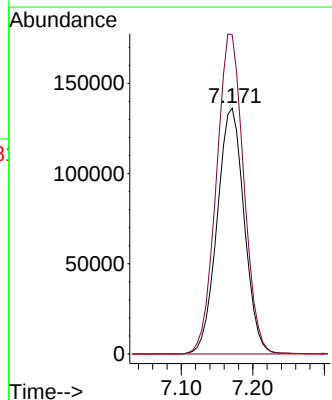
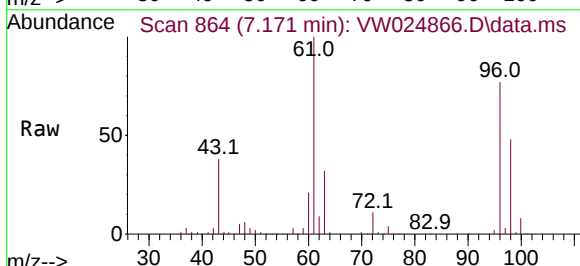
Tgt Ion: 96 Resp: 358461

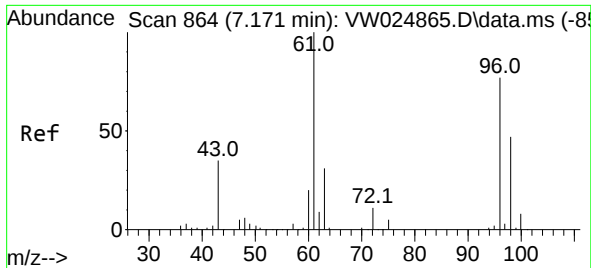
Ion Ratio Lower Upper

96 100

61 129.9 90.9 168.7

68 0.0 0.0 0.0

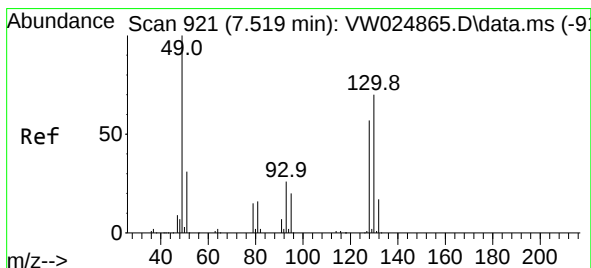
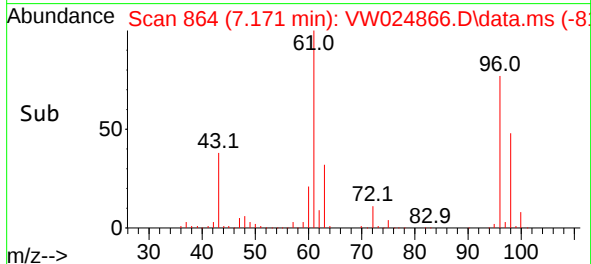
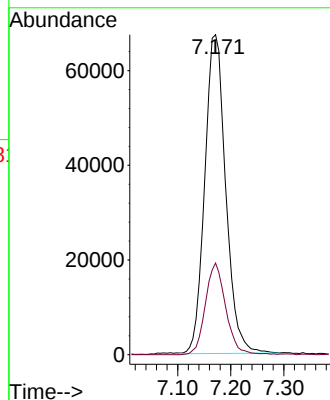
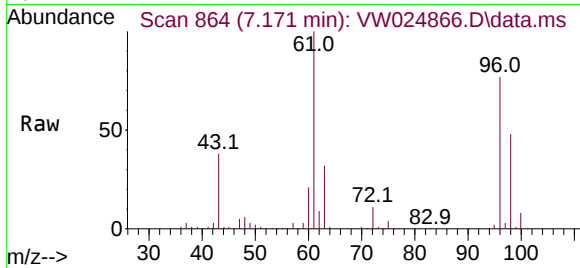




#22
2-Butanone
Concen: 97.742 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

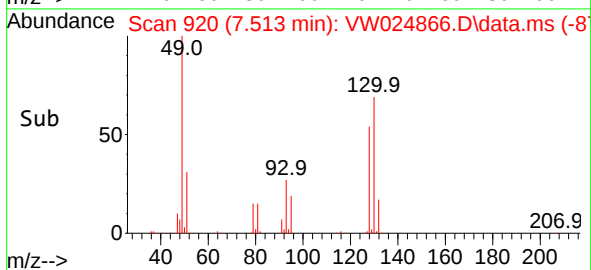
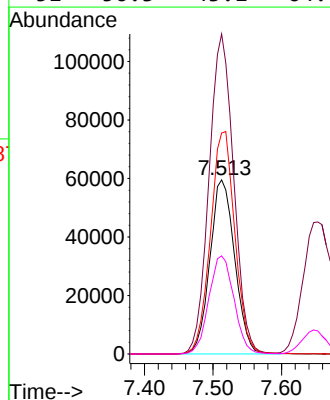
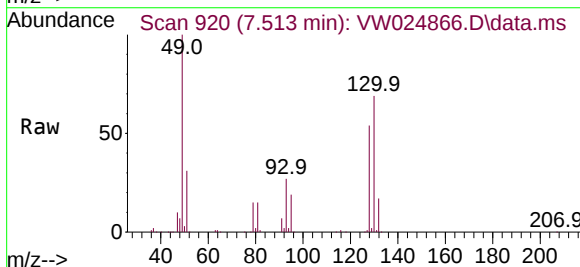
Instrument :
MSVOA_W
ClientSampleId :
VSTD050458

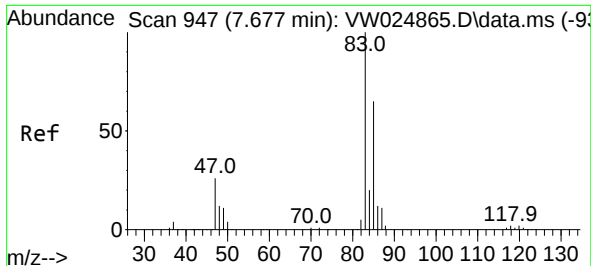
Tgt Ion: 43 Resp: 185249
Ion Ratio Lower Upper
43 100
72 27.6 14.1 42.3



#23
Bromochloromethane
Concen: 52.896 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

Tgt Ion:128 Resp: 149772
Ion Ratio Lower Upper
128 100
49 183.8 122.7 227.9
130 126.9 86.0 159.8
51 56.3 43.1 64.7

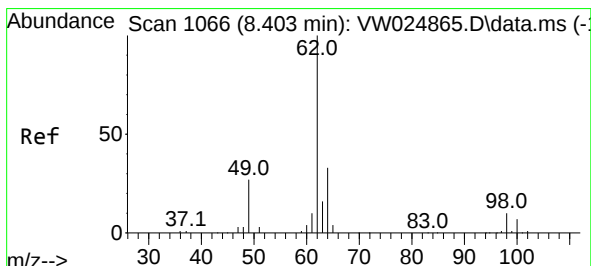
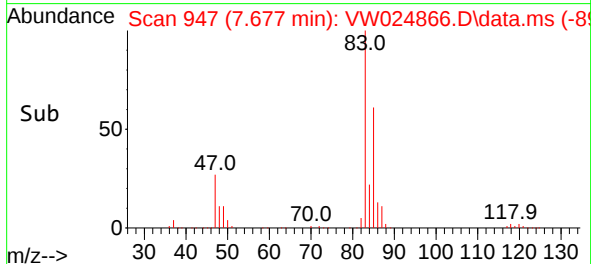
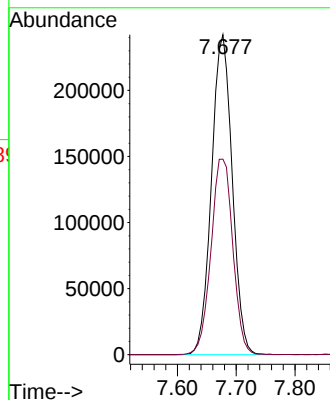
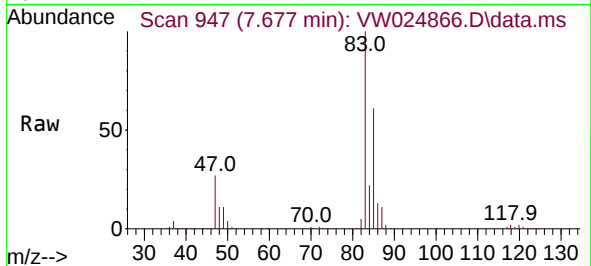




#25
Chloroform
Concen: 50.955 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

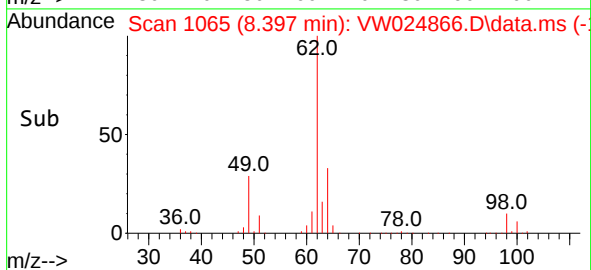
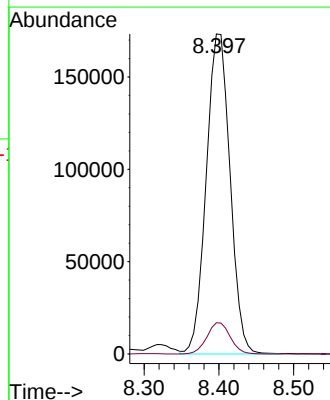
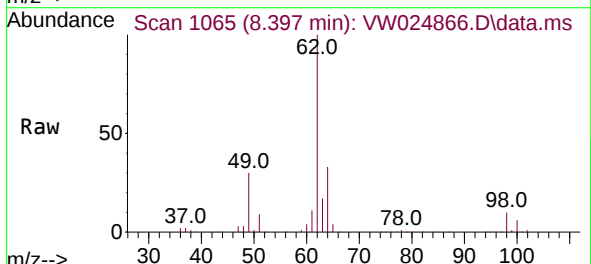
Instrument :
MSVOA_W
ClientSampleId :
VSTD050458

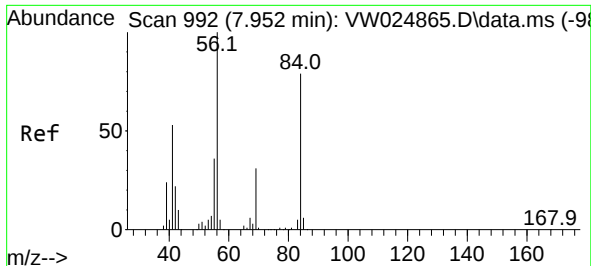
Tgt Ion: 83 Resp: 592668
Ion Ratio Lower Upper
83 100
85 61.1 45.3 84.1



#27
1,2-Dichloroethane
Concen: 51.065 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

Tgt Ion: 62 Resp: 384112
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.6





#29

Cyclohexane

Concen: 53.644 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW024866.D

Acq: 12 Oct 2022 11:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD050458

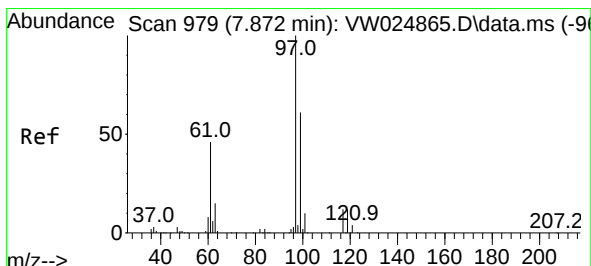
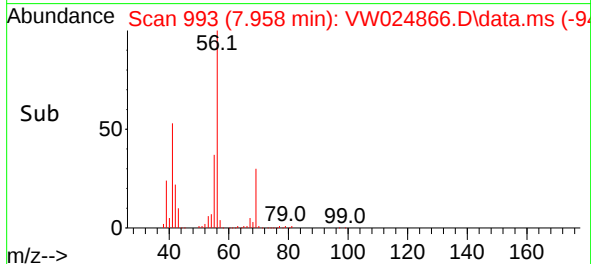
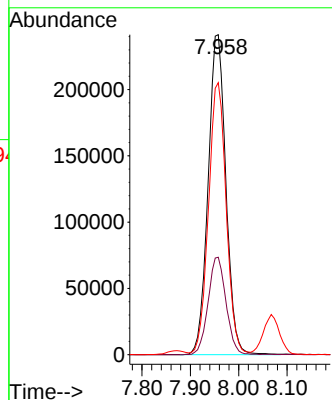
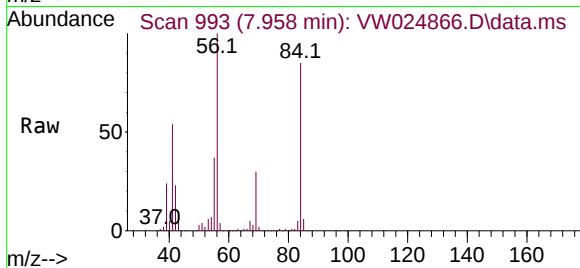
Tgt Ion: 56 Resp: 616044

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.2

84 84.6 67.7 101.5



#30

1,1,1-Trichloroethane

Concen: 51.797 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW024866.D

Acq: 12 Oct 2022 11:40

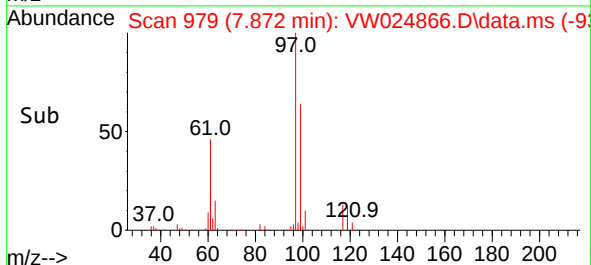
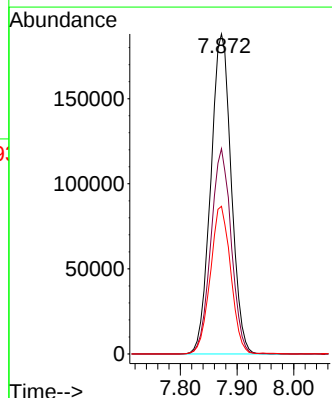
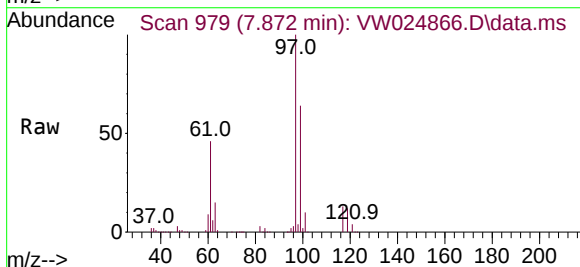
Tgt Ion: 97 Resp: 471039

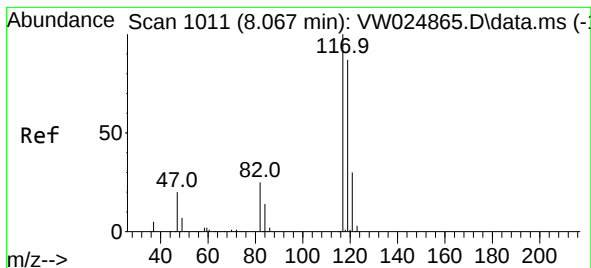
Ion Ratio Lower Upper

97 100

99 63.6 51.2 76.8

61 46.0 37.3 55.9





#31

Carbon tetrachloride

Concen: 51.950 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW024866.D

Acq: 12 Oct 2022 11:40

Instrument :

MSVOA_W

ClientSampleId :

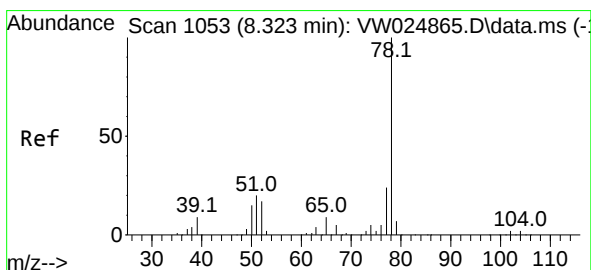
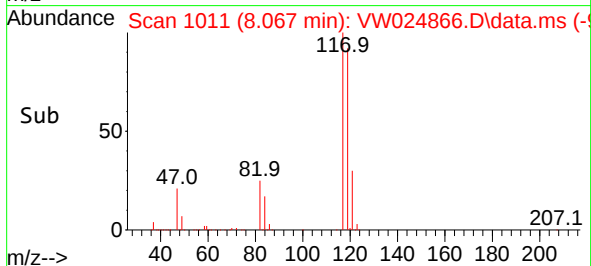
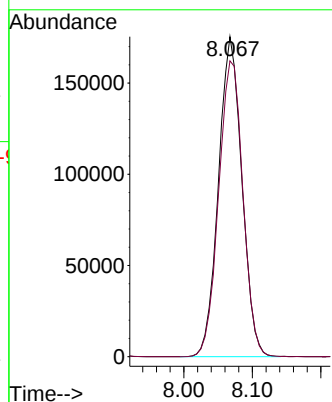
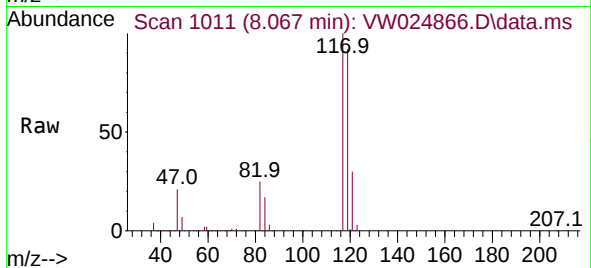
VSTD050458

Tgt Ion:117 Resp: 414797

Ion Ratio Lower Upper

117 100

119 96.0 75.1 112.7



#33

Benzene

Concen: 50.653 ug/L

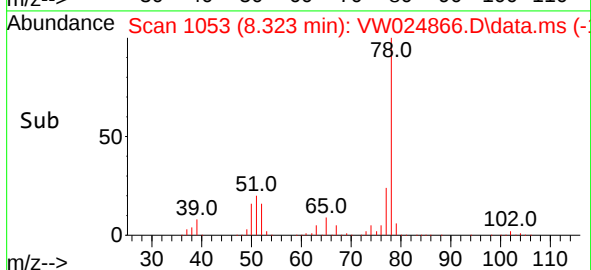
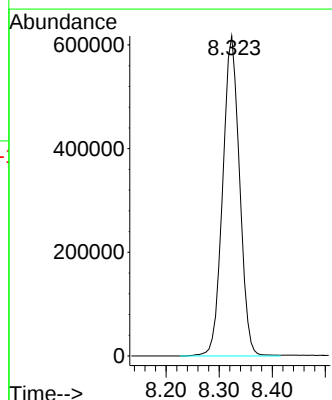
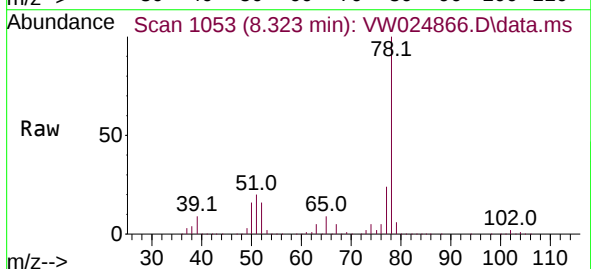
RT: 8.323 min Scan# 1053

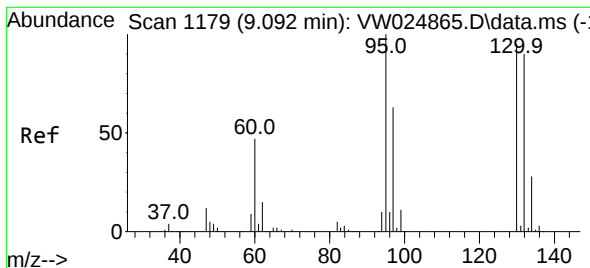
Delta R.T. -0.000 min

Lab File: VW024866.D

Acq: 12 Oct 2022 11:40

Tgt Ion: 78 Resp: 1362662





#34

Trichloroethene

Concen: 51.609 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW024866.D

Acq: 12 Oct 2022 11:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD050458

Tgt Ion: 95 Resp: 349644

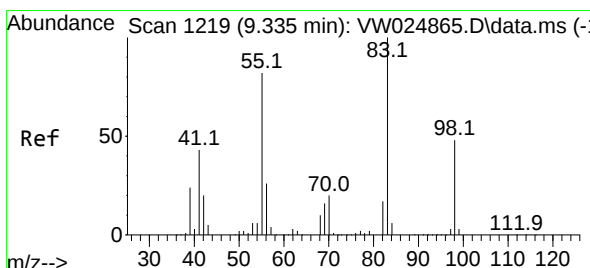
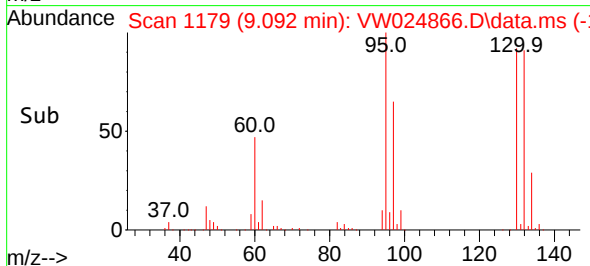
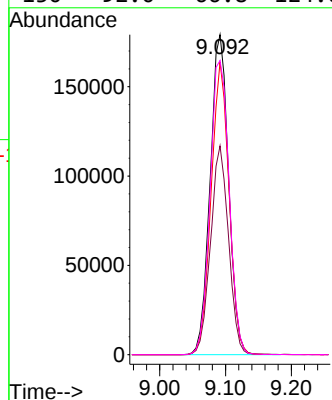
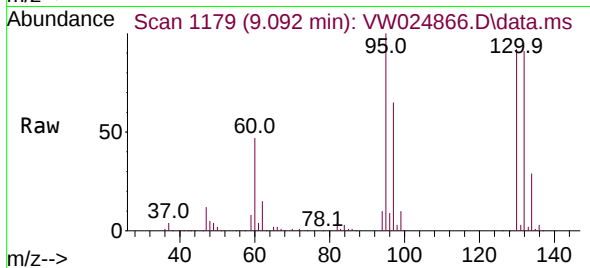
Ion Ratio Lower Upper

95 100

97 65.3 44.2 82.0

132 91.5 62.9 116.7

130 92.0 66.8 124.0



#35

Methylcyclohexane

Concen: 53.177 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW024866.D

Acq: 12 Oct 2022 11:40

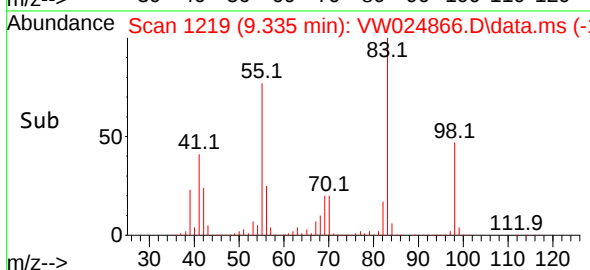
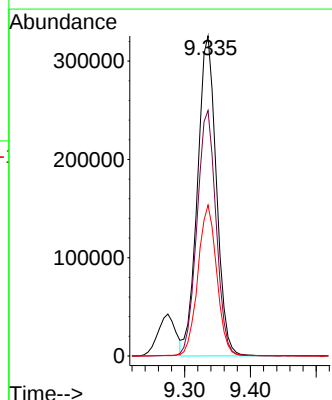
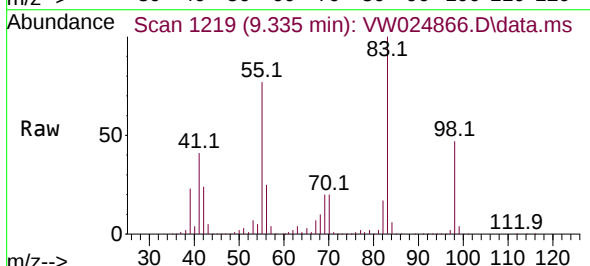
Tgt Ion: 83 Resp: 648385

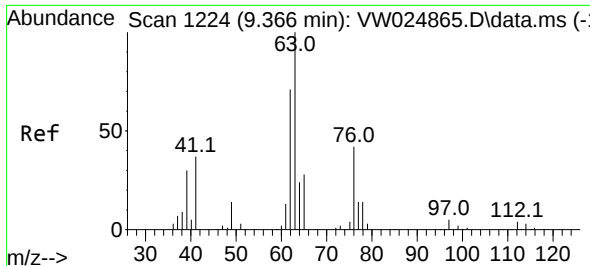
Ion Ratio Lower Upper

83 100

55 77.5 62.5 93.7

98 47.1 37.2 55.8





#37

1,2-Dichloropropane

Concen: 51.413 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024866.D

Acq: 12 Oct 2022 11:40

Instrument :

MSVOA_W

ClientSampleId :

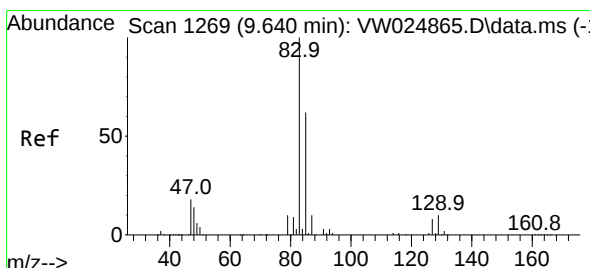
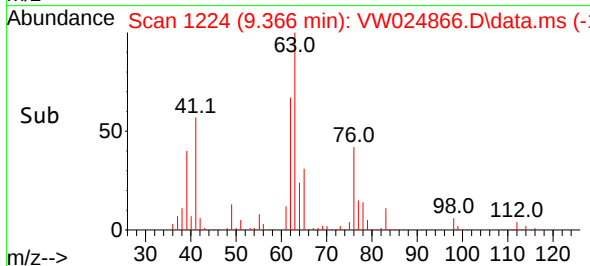
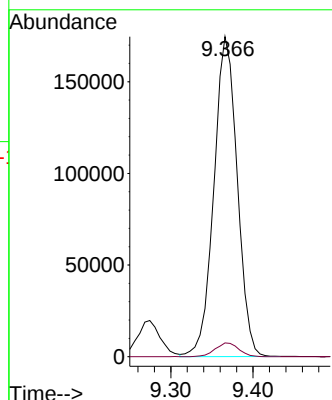
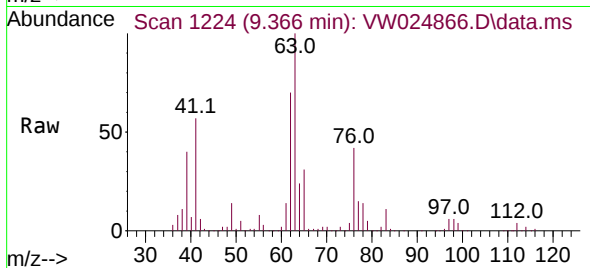
VSTD050458

Tgt Ion: 63 Resp: 344688

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 51.415 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW024866.D

Acq: 12 Oct 2022 11:40

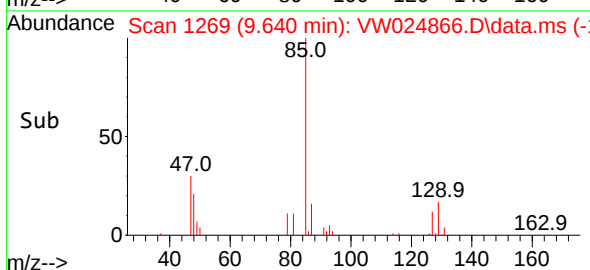
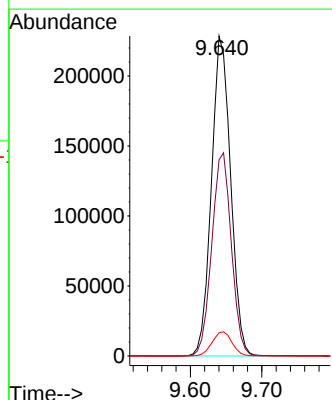
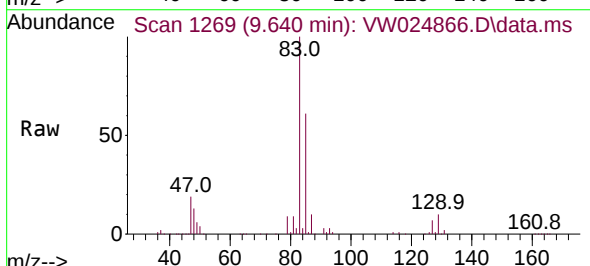
Tgt Ion: 83 Resp: 425901

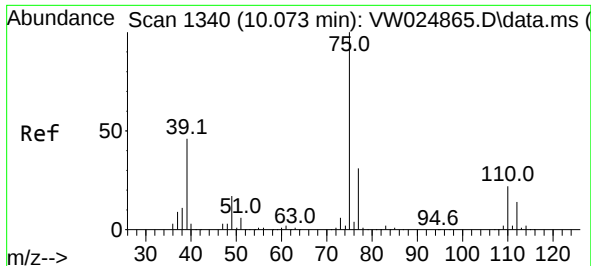
Ion Ratio Lower Upper

83 100

85 61.3 43.6 81.0

127 7.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 54.456 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW024866.D

Acq: 12 Oct 2022 11:40

Instrument :

MSVOA_W

ClientSampleId :

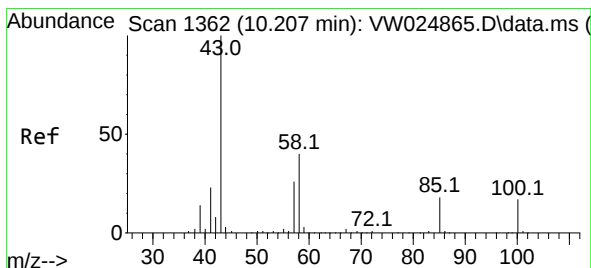
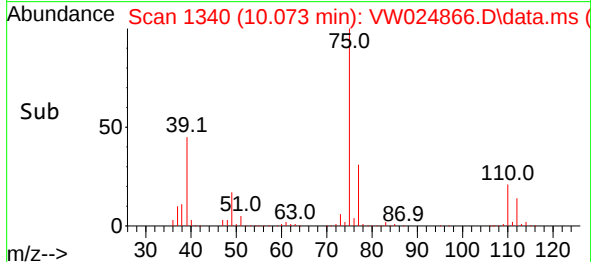
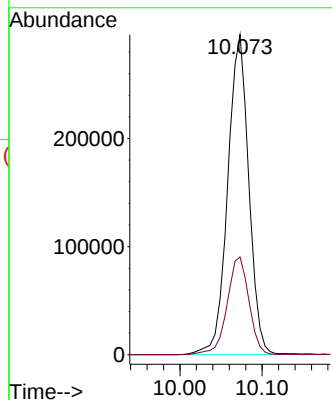
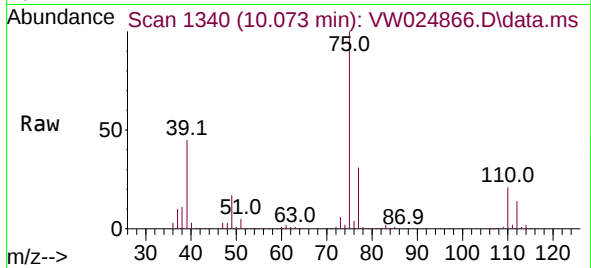
VSTD050458

Tgt Ion: 75 Resp: 527707

Ion Ratio Lower Upper

75 100

77 30.5 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 105.260 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024866.D

Acq: 12 Oct 2022 11:40

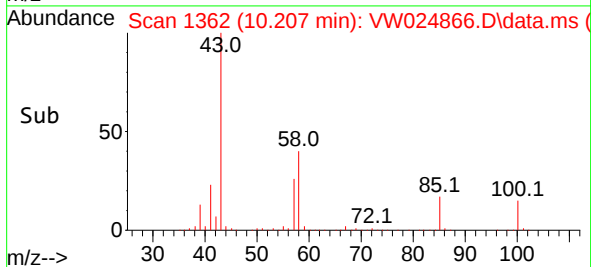
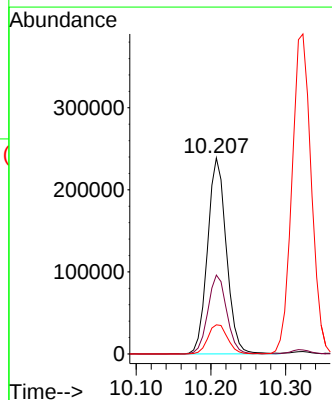
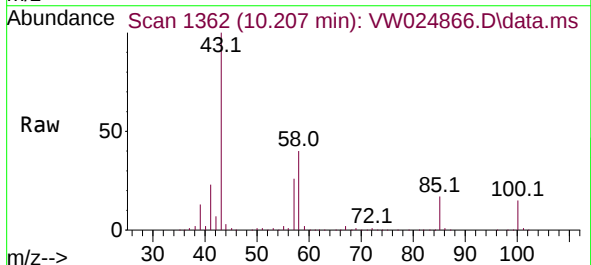
Tgt Ion: 43 Resp: 417100

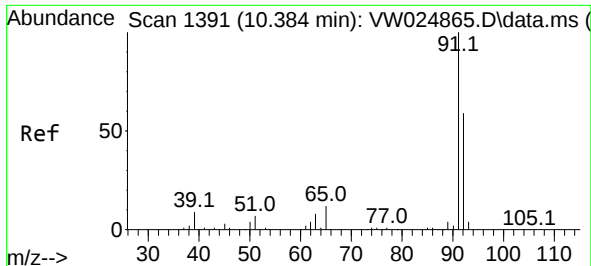
Ion Ratio Lower Upper

43 100

58 40.3 32.1 48.1

100 15.7 12.8 19.2

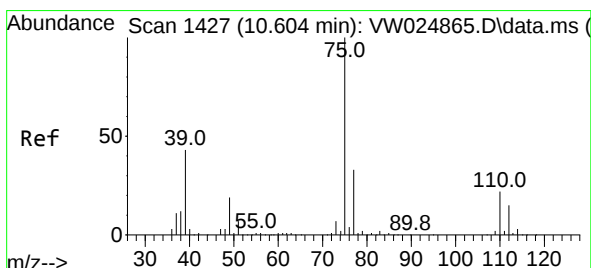
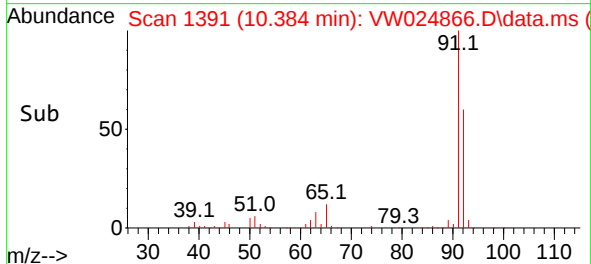
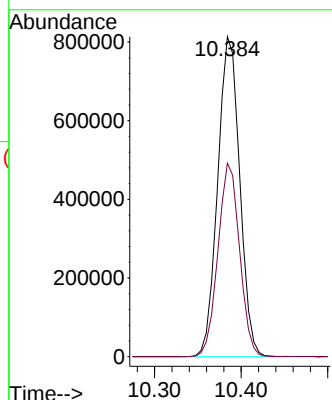
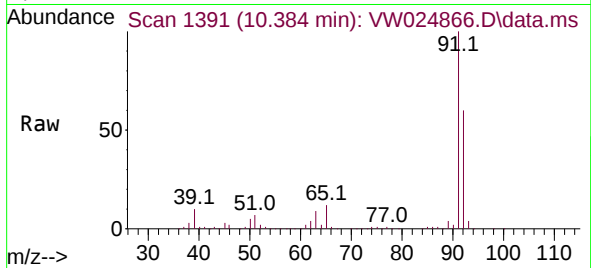




#42
Toluene
Concen: 52.049 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

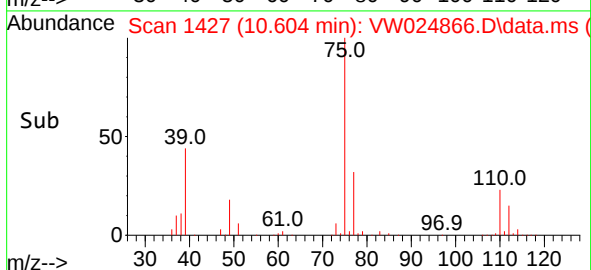
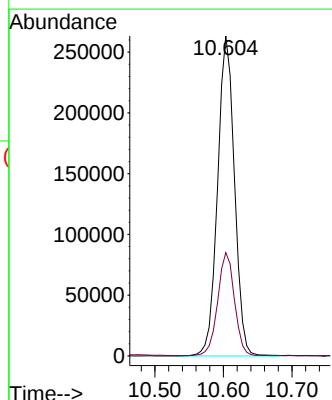
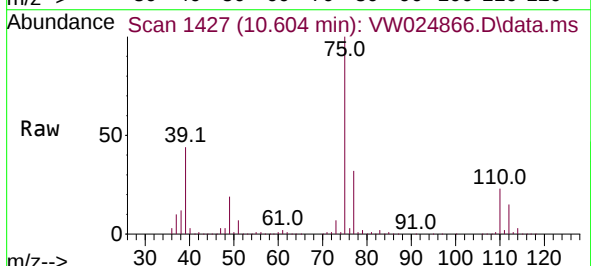
Instrument :
MSVOA_W
ClientSampleId :
VSTD050458

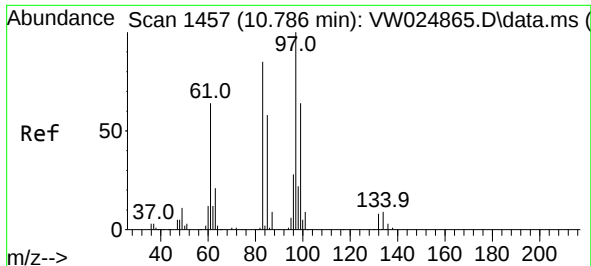
Tgt Ion: 91 Resp: 1435611
Ion Ratio Lower Upper
91 100
92 60.5 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 55.840 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

Tgt Ion: 75 Resp: 449269
Ion Ratio Lower Upper
75 100
77 32.3 23.0 42.6



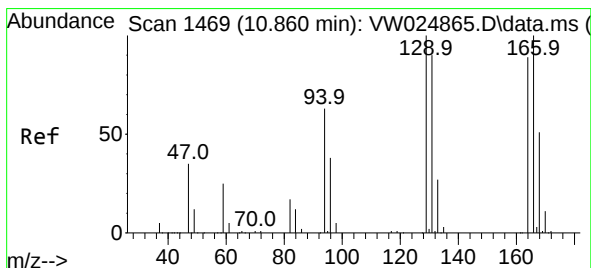
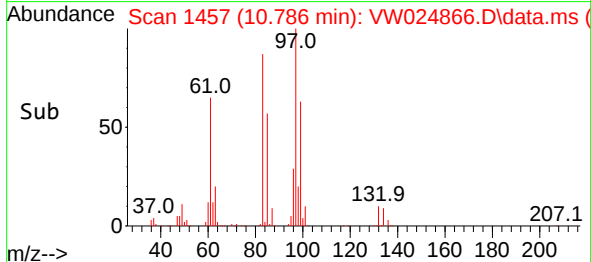
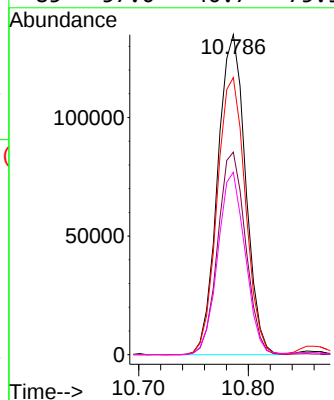
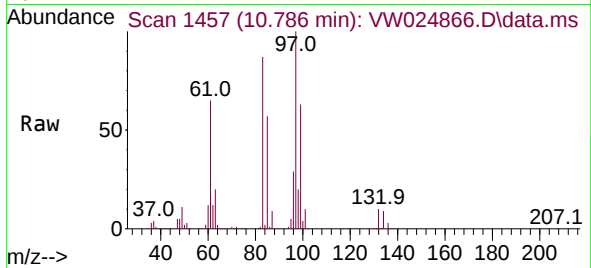


#45
1,1,2-Trichloroethane
Concen: 50.937 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

Instrument :
MSVOA_W
ClientSampleId :
VSTD050458

Tgt Ion: 97 Resp: 238537

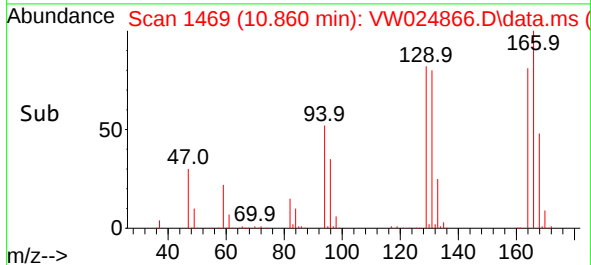
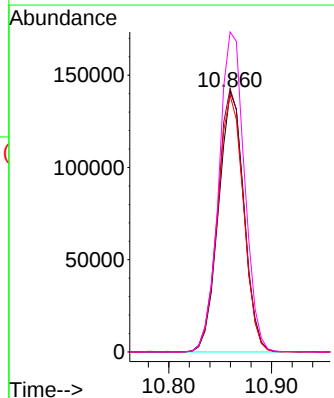
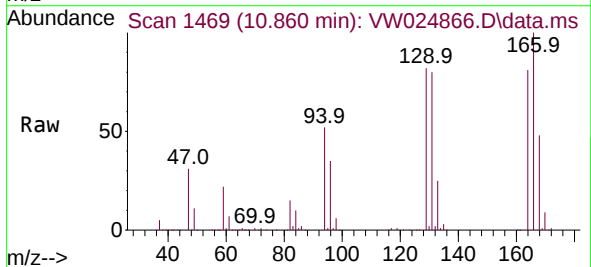
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.7	83.1
83	86.6	59.6	110.8
85	57.0	40.7	75.5

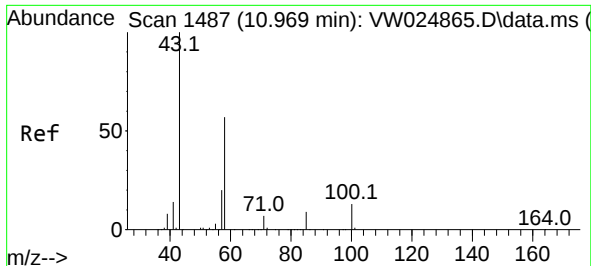


#46
Tetrachloroethene
Concen: 52.511 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

Tgt Ion: 164 Resp: 241896

Ion	Ratio	Lower	Upper
164	100		
129	101.2	78.7	146.1
131	98.5	71.1	132.1
166	122.8	78.8	146.4

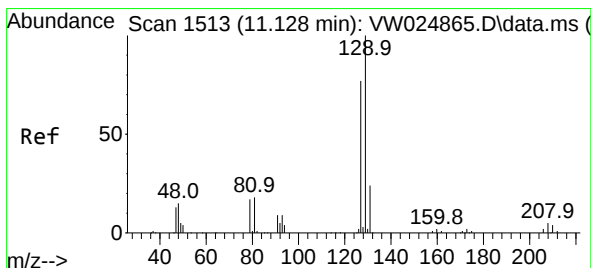
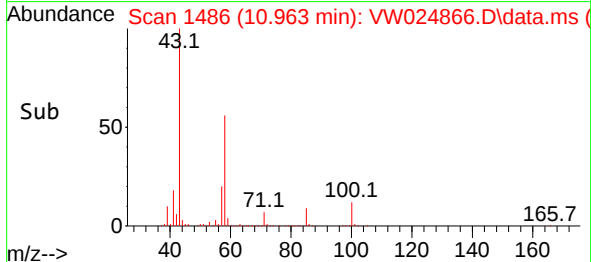
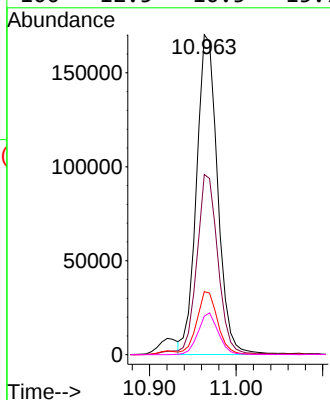
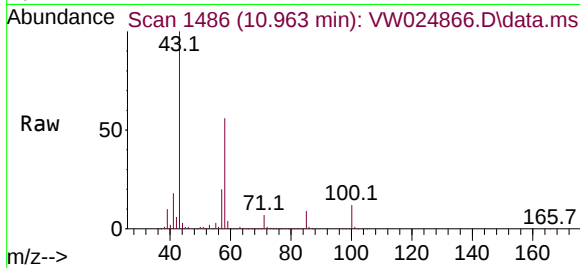




#48
2-Hexanone
Concen: 107.552 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

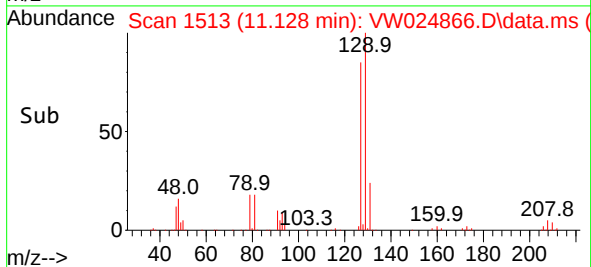
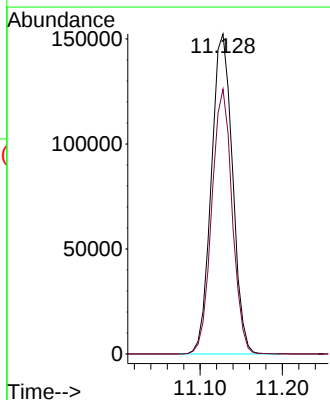
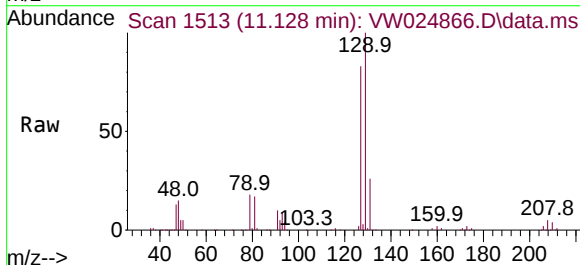
Instrument :
MSVOA_W
ClientSampleId :
VSTD050458

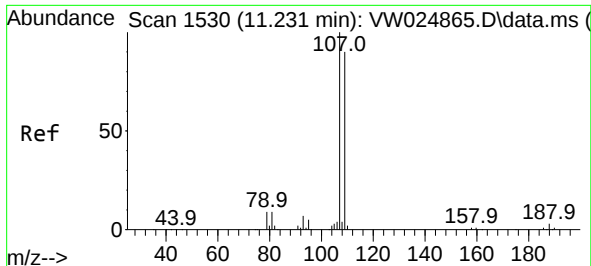
Tgt Ion:	43	Resp:	288958
Ion	Ratio	Lower	Upper
43	100		
58	55.1	47.0	70.6
57	19.6	16.0	24.0
100	12.5	10.5	15.7



#49
Dibromochloromethane
Concen: 52.558 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

Tgt Ion:	129	Resp:	272464
Ion	Ratio	Lower	Upper
129	100		
127	82.7	53.9	100.1





#50

1,2-Dibromoethane

Concen: 52.108 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024866.D

Acq: 12 Oct 2022 11:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD050458

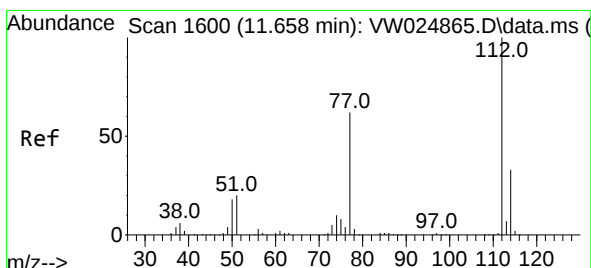
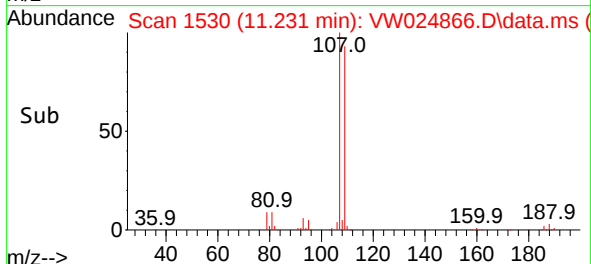
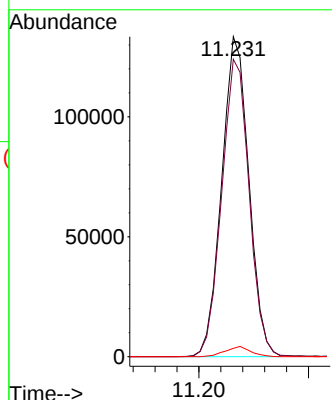
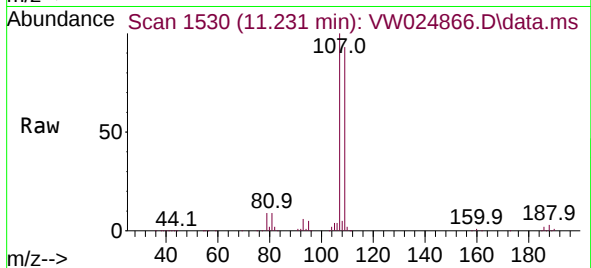
Tgt Ion:107 Resp: 229875

Ion Ratio Lower Upper

107 100

109 93.0 62.8 116.6

188 2.7 2.2 3.2



#51

Chlorobenzene

Concen: 51.312 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW024866.D

Acq: 12 Oct 2022 11:40

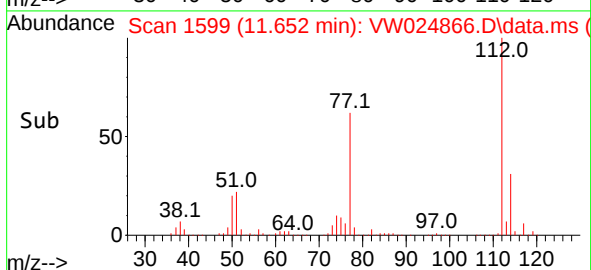
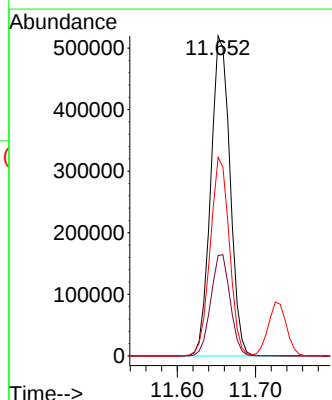
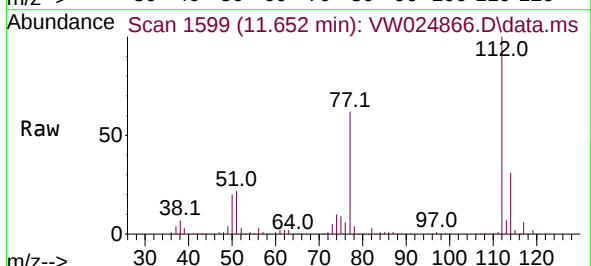
Tgt Ion:112 Resp: 889522

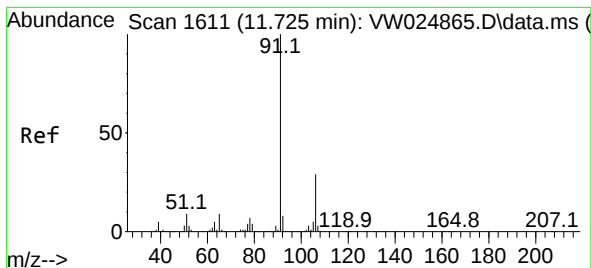
Ion Ratio Lower Upper

112 100

114 31.4 22.7 42.3

77 62.1 49.8 74.8

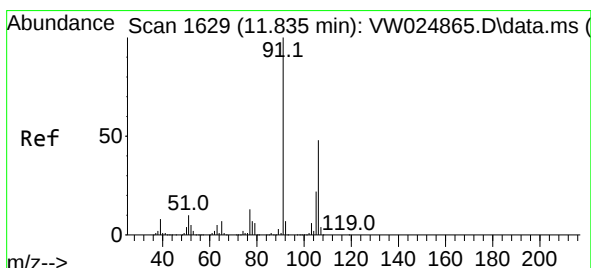
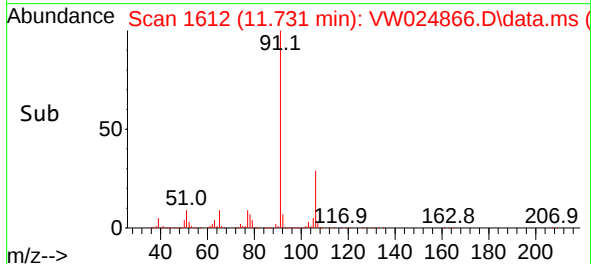
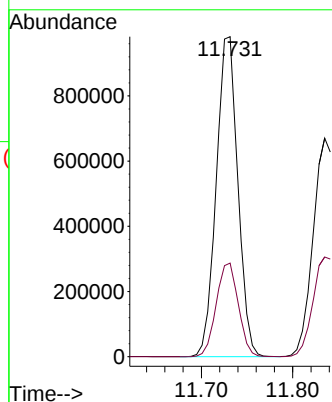
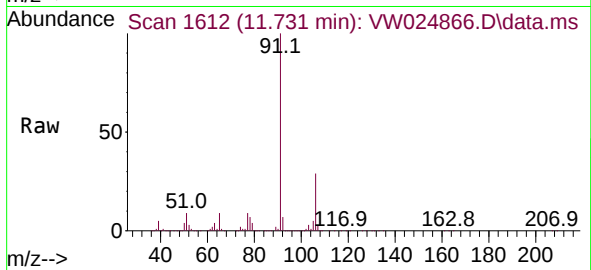




#52
Ethylbenzene
Concen: 52.170 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

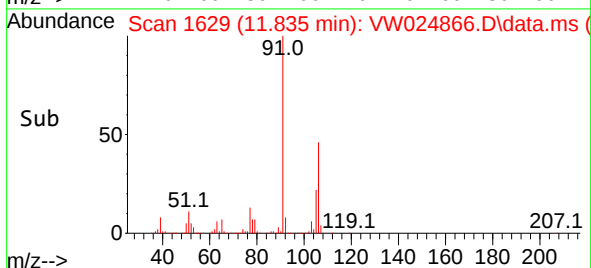
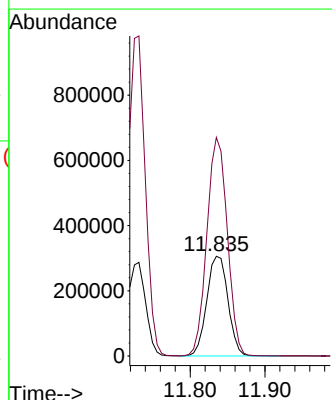
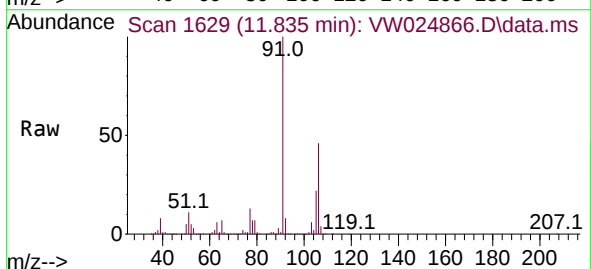
Instrument :
MSVOA_W
ClientSampleId :
VSTD050458

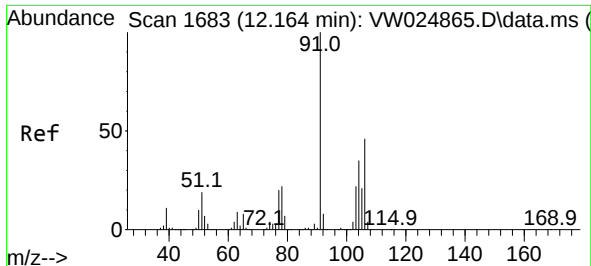
Tgt Ion: 91 Resp: 1611326
Ion Ratio Lower Upper
91 100
106 29.3 20.1 37.3



#53
m,p-Xylene
Concen: 51.278 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

Tgt Ion: 106 Resp: 601726
Ion Ratio Lower Upper
106 100
91 219.4 147.4 273.8

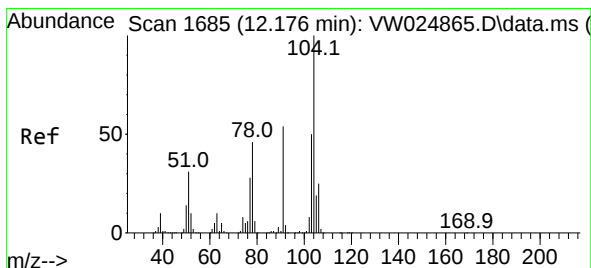
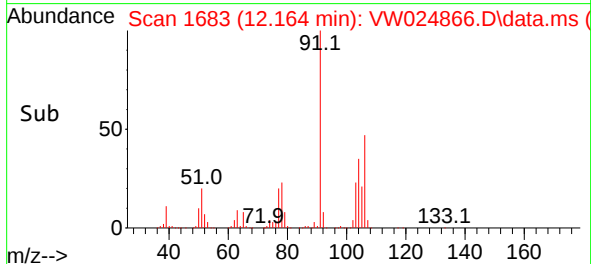
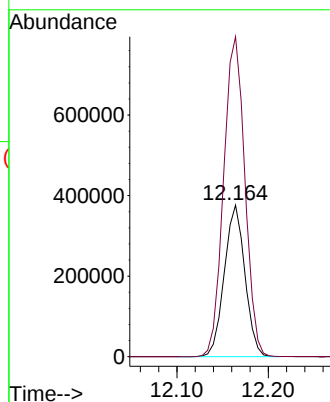
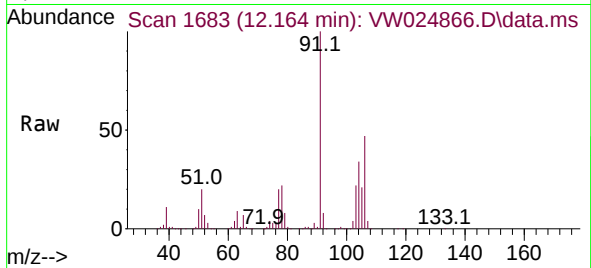




#54
o-Xylene
Concen: 52.760 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

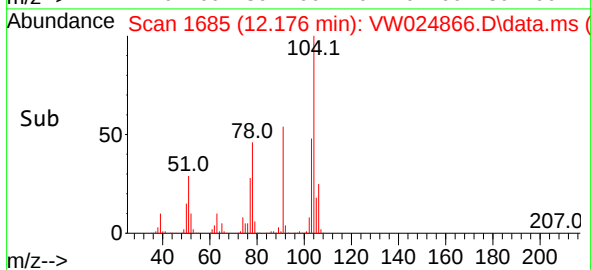
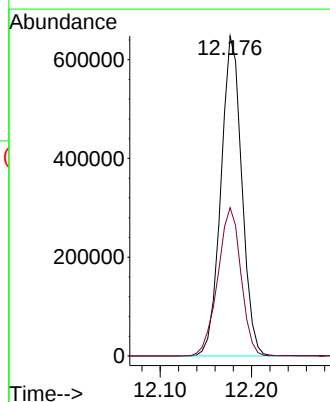
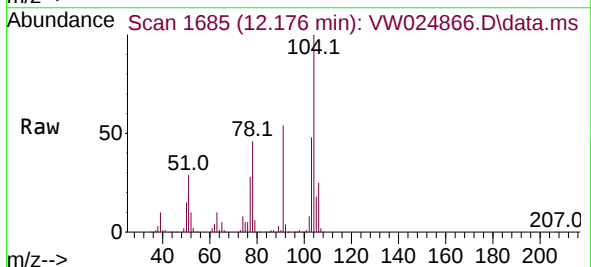
Instrument :
MSVOA_W
ClientSampleId :
VSTD050458

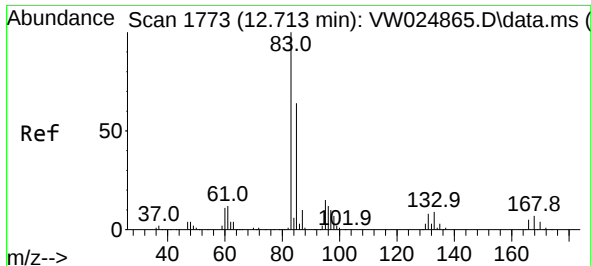
Tgt Ion:106 Resp: 589490
Ion Ratio Lower Upper
106 100
91 211.1 151.0 280.4



#55
Styrene
Concen: 53.759 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

Tgt Ion:104 Resp: 1030202
Ion Ratio Lower Upper
104 100
78 46.3 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 51.715 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024866.D

Acq: 12 Oct 2022 11:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD050458

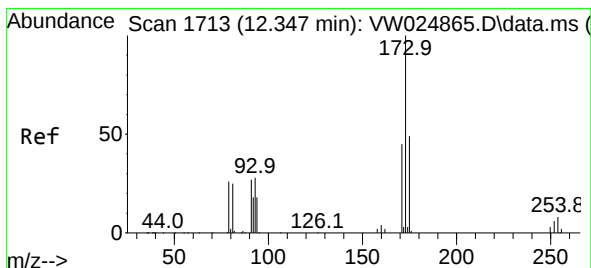
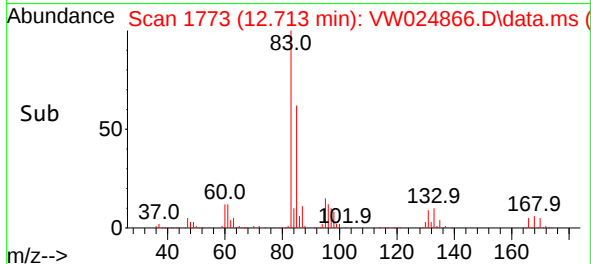
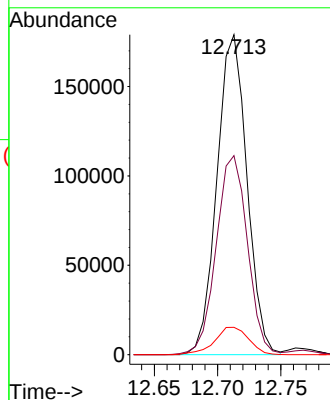
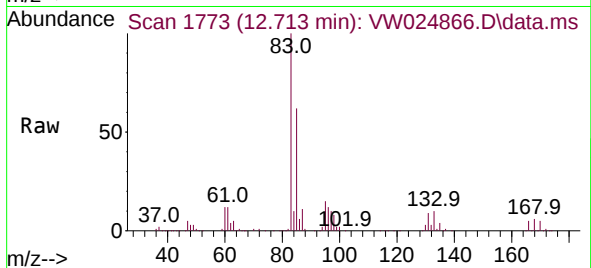
Tgt Ion: 83 Resp: 295472

Ion Ratio Lower Upper

83 100

85 62.2 44.5 82.7

131 8.6 6.8 10.2



#59

Bromoform

Concen: 53.510 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024866.D

Acq: 12 Oct 2022 11:40

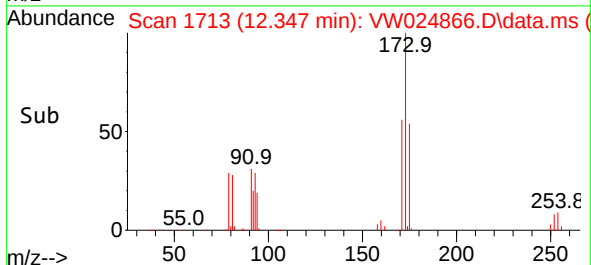
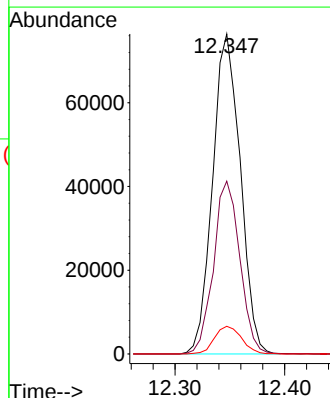
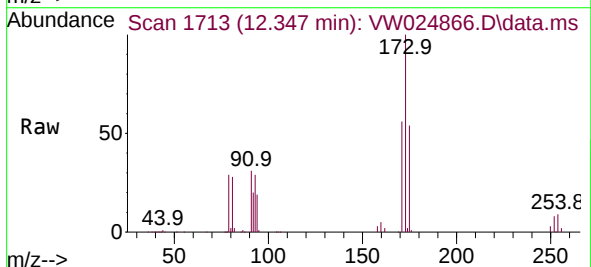
Tgt Ion:173 Resp: 134078

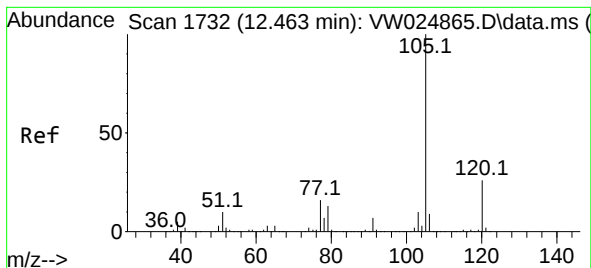
Ion Ratio Lower Upper

173 100

175 51.4 38.6 58.0

254 8.5 4.8 7.2#





#60

Isopropylbenzene

Concen: 52.819 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW024866.D

Acq: 12 Oct 2022 11:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD050458

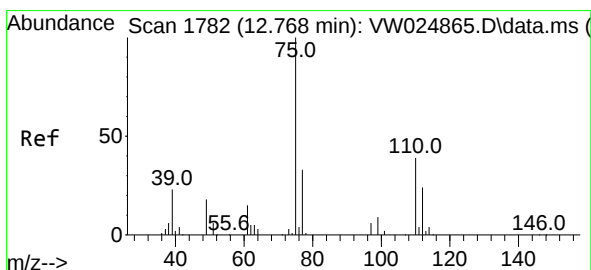
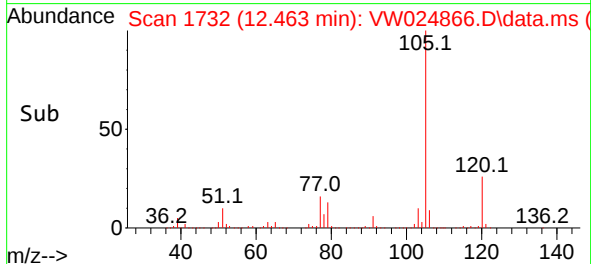
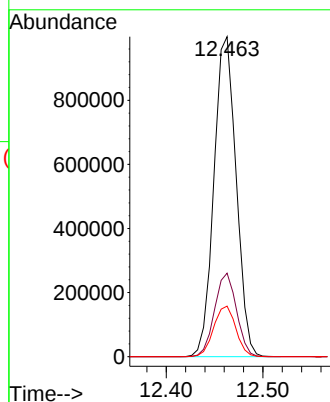
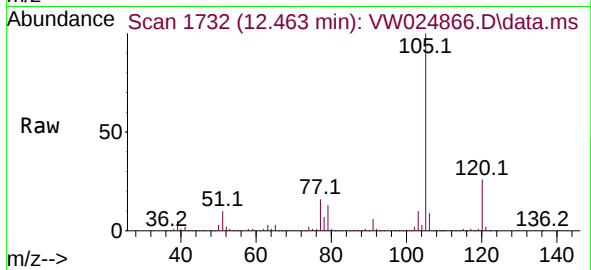
Tgt Ion:105 Resp: 1595440

Ion Ratio Lower Upper

105 100

120 25.8 20.5 30.7

77 15.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 52.687 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW024866.D

Acq: 12 Oct 2022 11:40

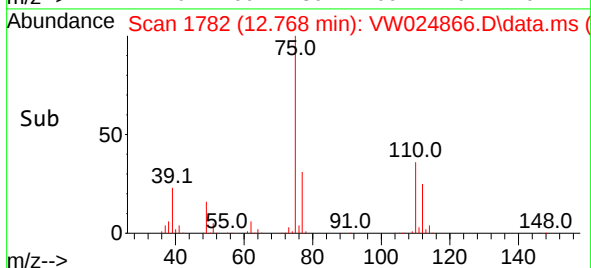
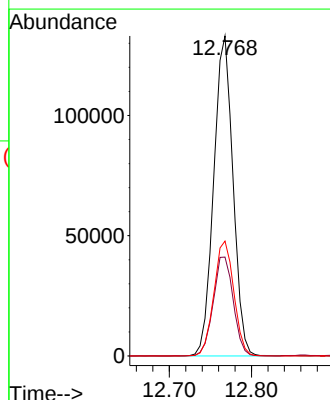
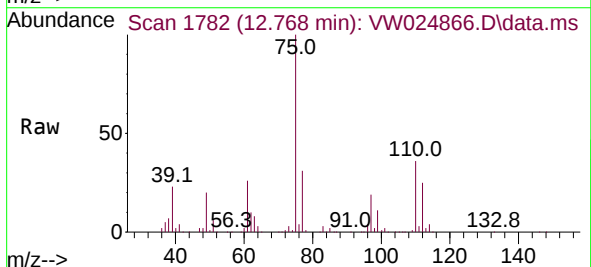
Tgt Ion: 75 Resp: 216932

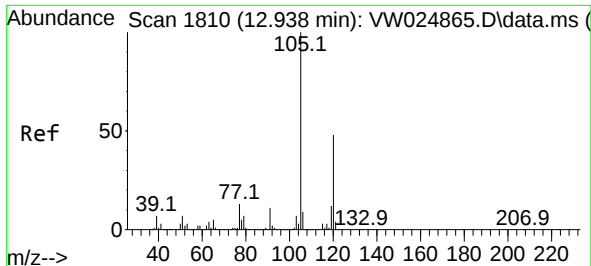
Ion Ratio Lower Upper

75 100

77 32.2 26.4 39.6

110 37.0 30.8 46.2

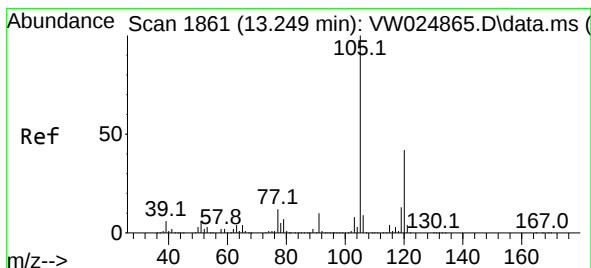
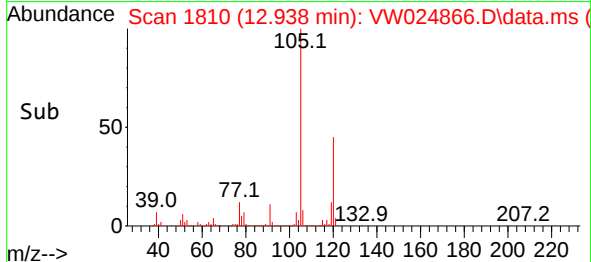
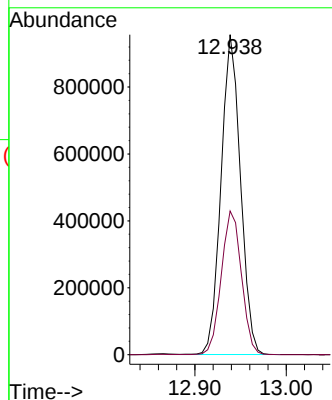
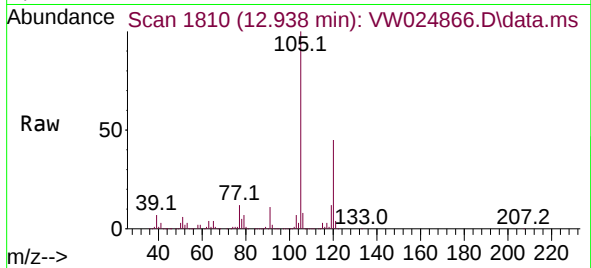




#62
1,3,5-Trimethylbenzene
Concen: 54.519 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

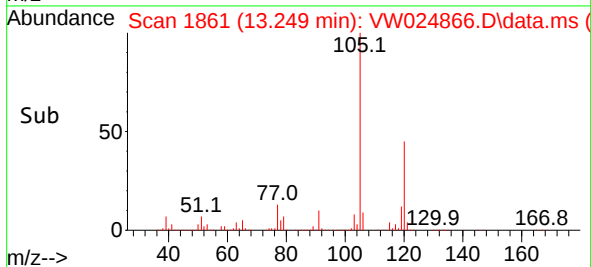
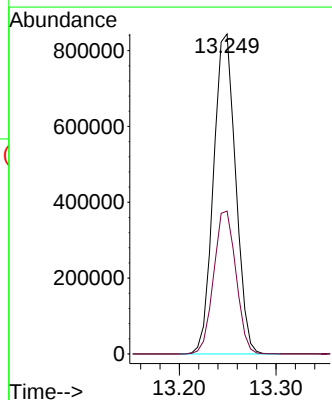
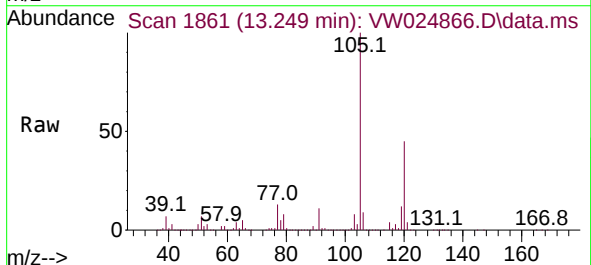
Instrument :
MSVOA_W
ClientSampleId :
VSTD050458

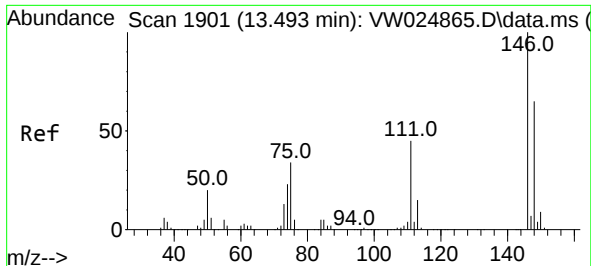
Tgt Ion:105 Resp: 1413888
Ion Ratio Lower Upper
105 100
120 46.6 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 53.699 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

Tgt Ion:105 Resp: 1342715
Ion Ratio Lower Upper
105 100
120 45.0 34.8 52.2

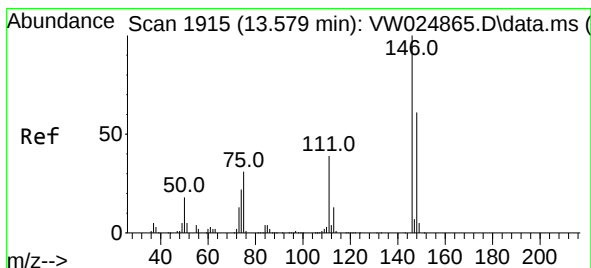
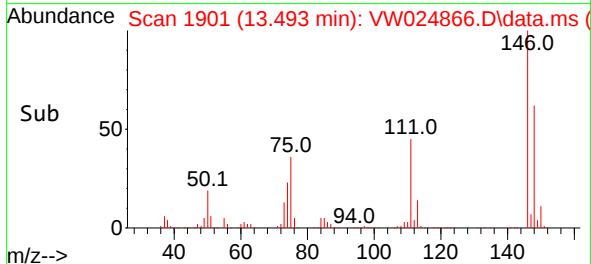
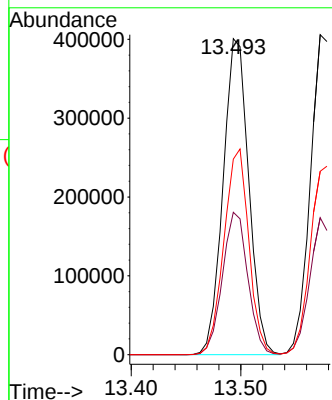
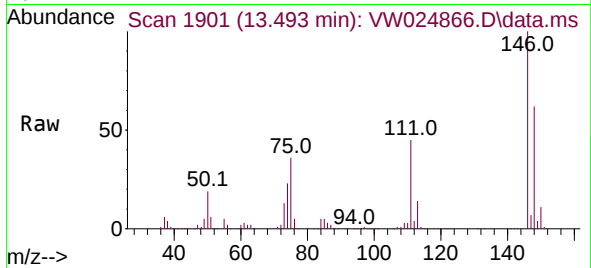




#64
1,3-Dichlorobenzene
Concen: 52.947 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

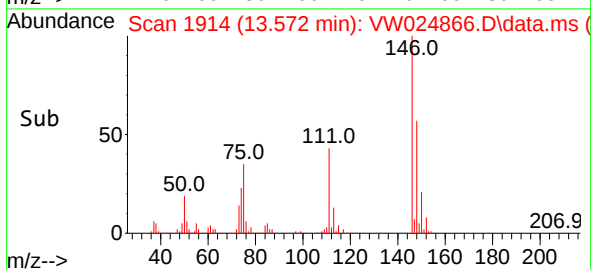
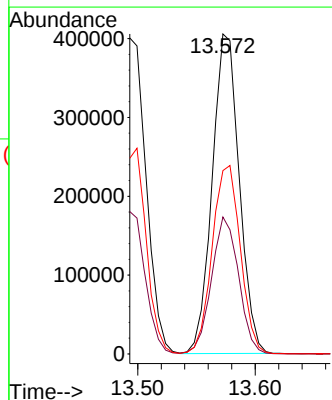
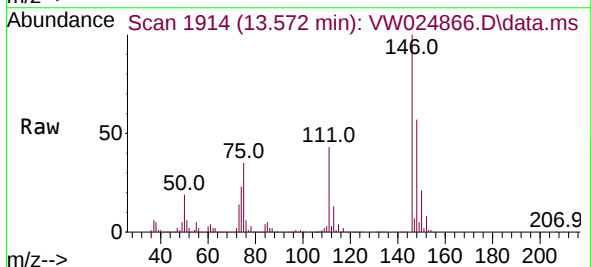
Instrument :
MSVOA_W
ClientSampleId :
VSTD050458

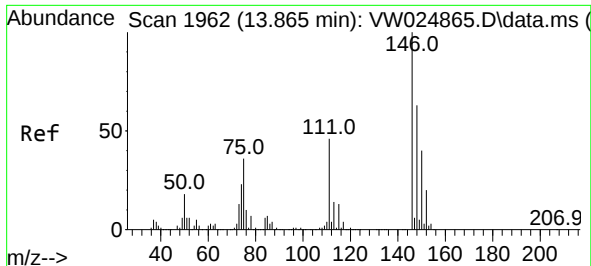
Tgt Ion:146 Resp: 651330
Ion Ratio Lower Upper
146 100
111 45.1 31.7 58.9
148 61.9 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 52.105 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

Tgt Ion:146 Resp: 648819
Ion Ratio Lower Upper
146 100
111 42.8 27.4 50.8
148 57.3 42.8 79.6

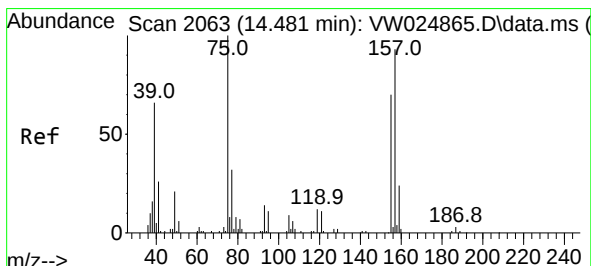
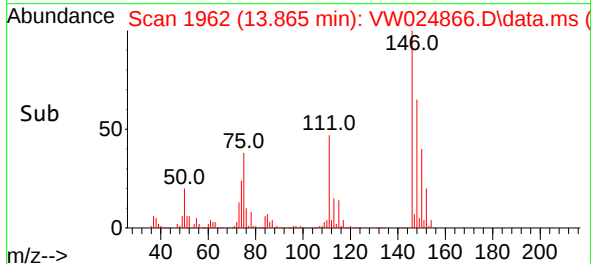
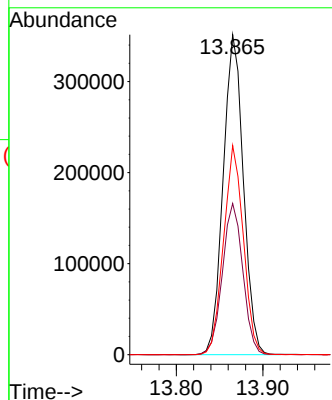
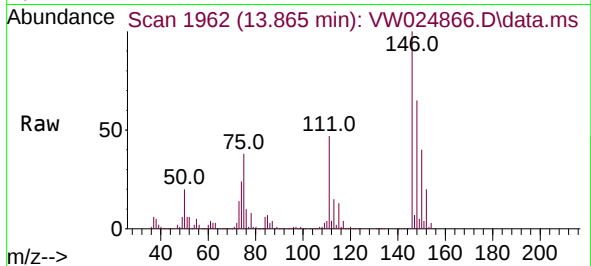




#67
1,2-Dichlorobenzene
Concen: 52.066 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

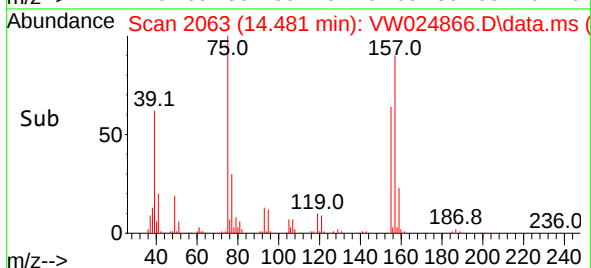
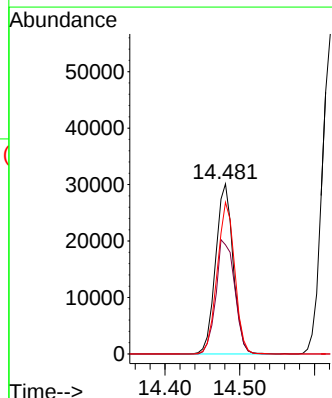
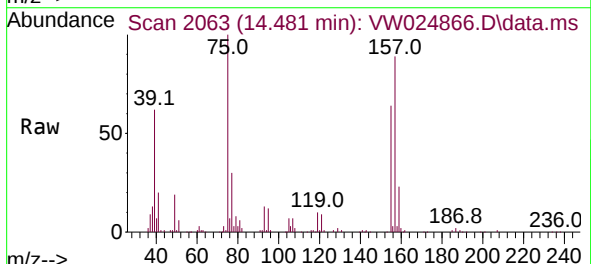
Instrument :
MSVOA_W
ClientSampleId :
VSTD050458

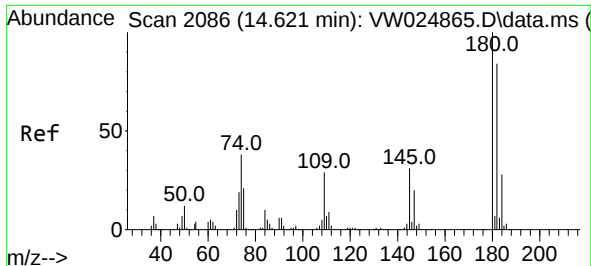
Tgt Ion:146 Resp: 569307
Ion Ratio Lower Upper
146 100
111 47.3 36.9 55.3
148 65.4 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 55.119 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

Tgt Ion: 75 Resp: 49133
Ion Ratio Lower Upper
75 100
155 64.2 56.2 84.4
157 89.2 74.6 111.8

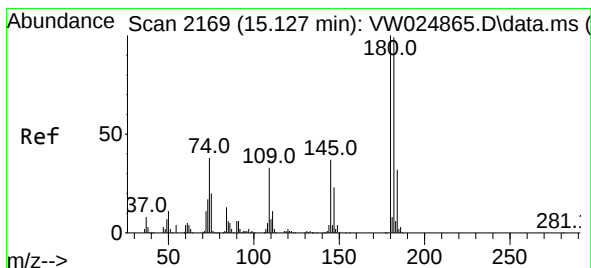
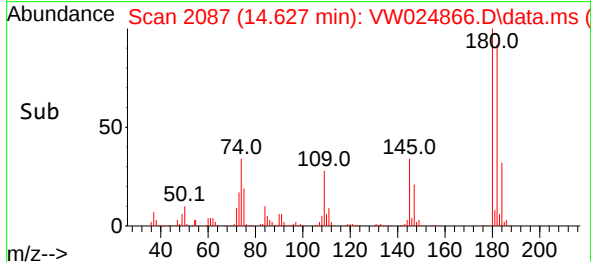
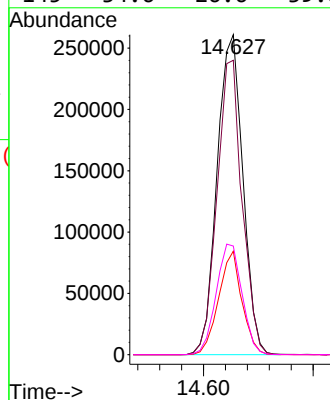
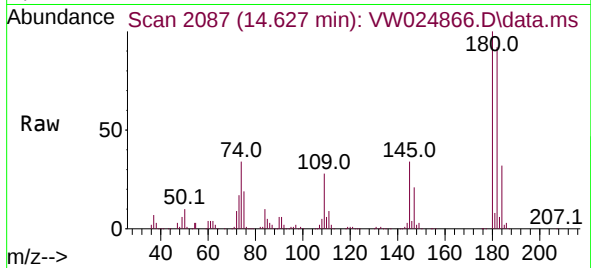




#69
1,3,5-Trichlorobenzene
Concen: 53.099 ug/L
RT: 14.627 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

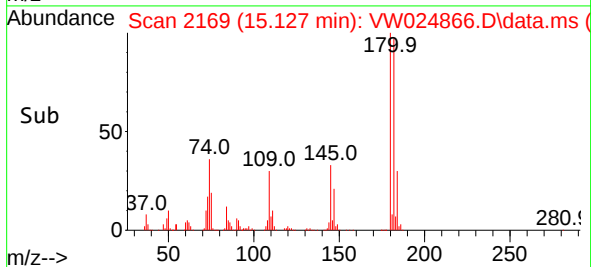
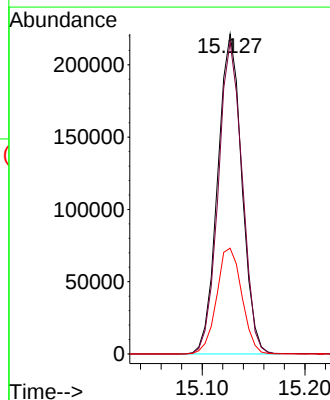
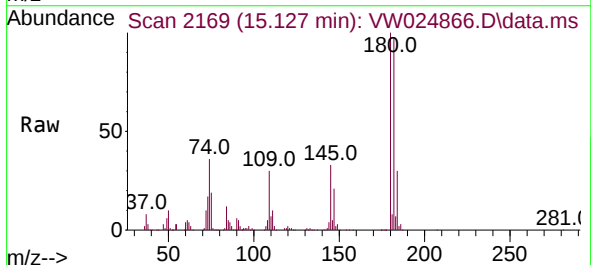
Instrument :
MSVOA_W
ClientSampleId :
VSTD050458

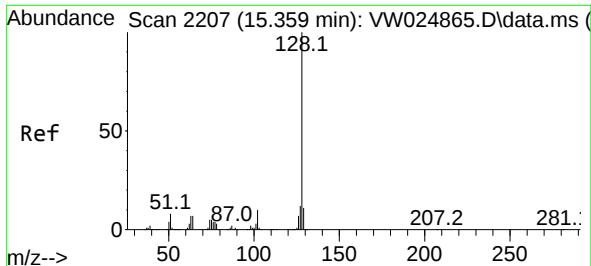
Tgt Ion:	180	Resp:	426484
Ion Ratio	Lower	Upper	
180	100		
182	89.8	75.0	112.6
184	29.3	22.9	34.3
145	34.6	26.6	39.8



#70
1,2,4-trichlorobenzene
Concen: 55.419 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

Tgt Ion:	180	Resp:	361148
Ion Ratio	Lower	Upper	
180	100		
182	96.4	77.7	116.5
145	34.5	29.0	43.4

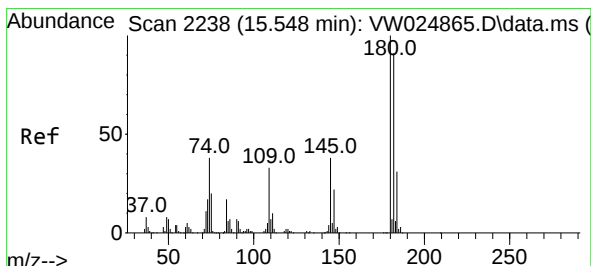
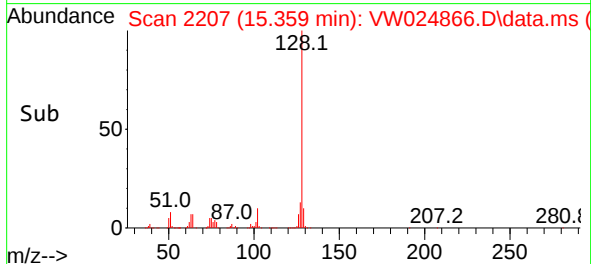
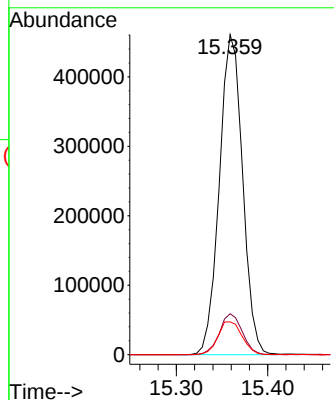
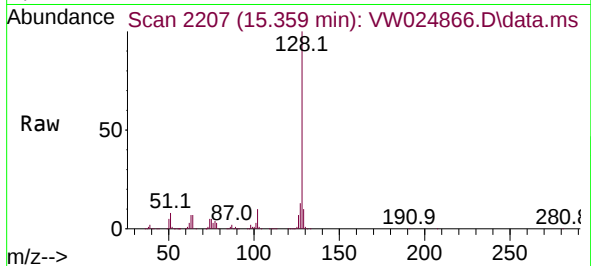




#71
Naphthalene
Concen: 57.684 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

Instrument :
MSVOA_W
ClientSampleId :
VSTD050458

Tgt Ion:128 Resp: 814483
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 53.418 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW024866.D
Acq: 12 Oct 2022 11:40

Tgt Ion:180 Resp: 297120
Ion Ratio Lower Upper
180 100
182 98.4 75.1 112.7
145 38.4 29.9 44.9

