

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
 Data File : VW023086.D
 Acq On : 17 May 2022 08:46
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

Quant Time: May 18 01:22:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 17 02:41:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	337551	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	329556	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	178394	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	169826	24.522	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.080%
7) Chloroethane-d5	2.885	69	123368	27.382	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.520%
11) 1,1-Dichloroethene-d2	4.019	63	225662	25.218	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.880%
21) 2-Butanone-d5	7.080	46	66498	50.502	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.000%
24) Chloroform-d	7.647	84	276769	27.986	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.960%
26) 1,2-Dichloroethane-d4	8.305	65	147149	27.129	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.520%
32) Benzene-d6	8.275	84	540332	28.445	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.800%
36) 1,2-Dichloropropane-d6	9.274	67	152831	28.642	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.560%
41) Toluene-d8	10.323	98	533342	29.066	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.280%
43) trans-1,3-Dichloroprop...	10.579	79	69793	28.408	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.640%
47) 2-Hexanone-d5	10.920	63	54171	53.181	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.360%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	137407	27.628	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	184759	29.628	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	32300	17.553	ug/L	99
3) Chloromethane	2.215	50	74652	20.995	ug/L	97
5) Vinyl chloride	2.361	62	137220	19.229	ug/L	97
6) Bromomethane	2.776	94	88052	19.218	ug/L	96
8) Chloroethane	2.922	64	72026	20.926	ug/L	98
9) Trichlorofluoromethane	3.257	101	72668	22.280	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	111756	22.915	ug/L	97
12) 1,1-Dichloroethene	4.044	96	94340	21.821	ug/L	86
13) Acetone	4.123	43	40829	41.416	ug/L	99
14) Carbon disulfide	4.385	76	196559	16.584	ug/L	98
15) Methyl Acetate	4.672	43	42508	21.463	ug/L	97
16) Methylene chloride	4.915	84	103656	20.986	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	103170	21.206	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	178201	23.994	ug/L	100
19) 1,1-Dichloroethane	6.214	63	192107	23.298	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	120087	22.980	ug/L #	99
22) 2-Butanone	7.171	43	57903	41.999	ug/L	98
23) Bromochloromethane	7.513	128	56636	23.143	ug/L	87
25) Chloroform	7.671	83	220530	24.187	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
 Data File : VW023086.D
 Acq On : 17 May 2022 08:46
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

Quant Time: May 18 01:22:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 17 02:41:35 2022
 Response via : Initial Calibration

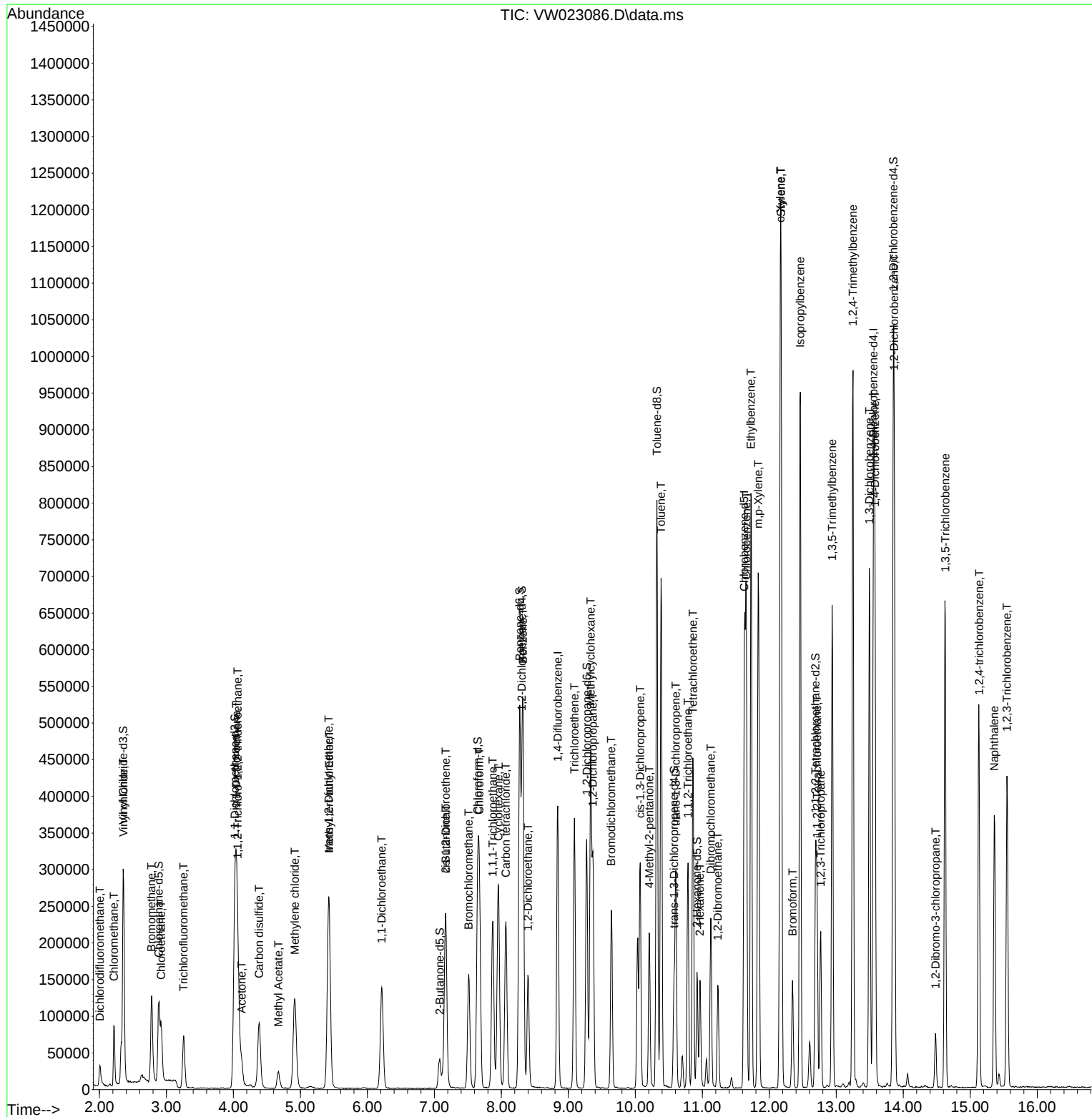
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	138201	22.739	ug/L	99
29) Cyclohexane	7.958	56	149330	20.952	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	187133	24.028	ug/L	99
31) Carbon tetrachloride	8.067	117	169773	23.304	ug/L	99
33) Benzene	8.323	78	442256	22.780	ug/L	100
34) Trichloroethene	9.092	95	122675	22.976	ug/L	97
35) Methylcyclohexane	9.335	83	189263	21.578	ug/L	98
37) 1,2-Dichloropropane	9.366	63	111571	23.748	ug/L	98
38) Bromodichloromethane	9.640	83	158704	23.782	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	175481	24.088	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	131429	44.383	ug/L	99
42) Toluene	10.384	91	518834	23.846	ug/L	93
44) trans-1,3-Dichloropropene	10.603	75	160775	24.726	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	92771	23.621	ug/L	98
46) Tetrachloroethene	10.860	164	94512	23.555	ug/L	82
48) 2-Hexanone	10.963	43	91169	46.078	ug/L	96
49) Dibromochloromethane	11.128	129	115306	24.393	ug/L	95
50) 1,2-Dibromoethane	11.231	107	91593	23.225	ug/L	92
51) Chlorobenzene	11.658	112	347257	24.210	ug/L	98
52) Ethylbenzene	11.725	91	588826	24.326	ug/L	100
53) m,p-Xylene	11.835	106	234775	24.616	ug/L	95
54) o-Xylene	12.164	106	229901	25.119	ug/L	95
55) Styrene	12.176	104	388356	24.971	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	115196	23.483	ug/L	99
59) Bromoform	12.347	173	60548	23.949	ug/L	96
60) Isopropylbenzene	12.463	105	632525	25.882	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	81543	22.877	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	347139	25.531	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	533021	26.109	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	280995	25.752	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	285169	25.302	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	252559	25.294	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	16633	21.351	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.627	180	194529	26.858	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	158266	27.164	ug/L	96
71) Naphthalene	15.359	128	322755	25.488	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	133182	25.791	ug/L	97

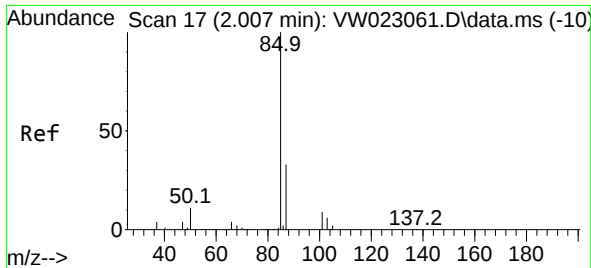
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023086.D
Acq On : 17 May 2022 08:46
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

Quant Time: May 18 01:22:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Tue May 17 02:41:35 2022
Response via : Initial Calibration

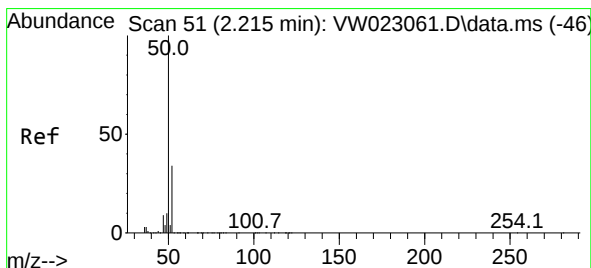
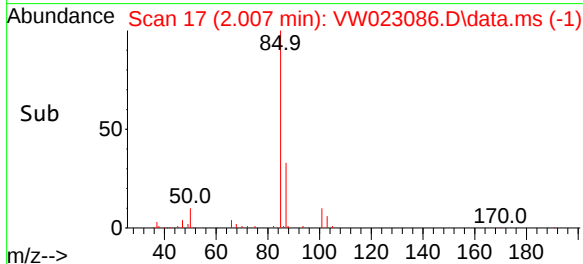
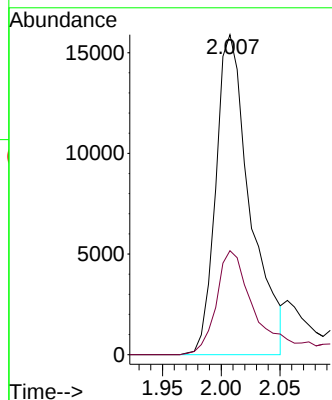
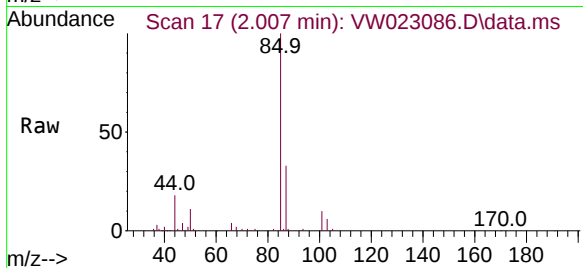




#2
 Dichlorodifluoromethane
 Concen: 17.553 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023086.D
 Acq: 17 May 2022 08:46

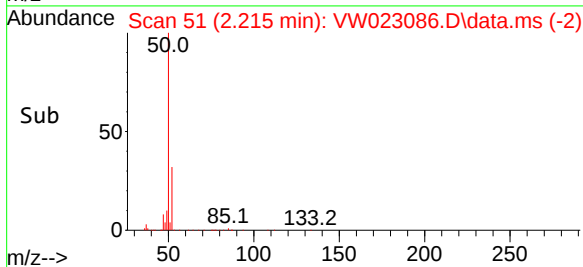
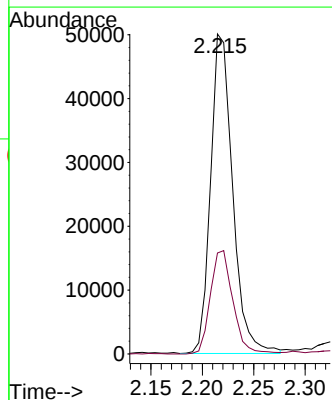
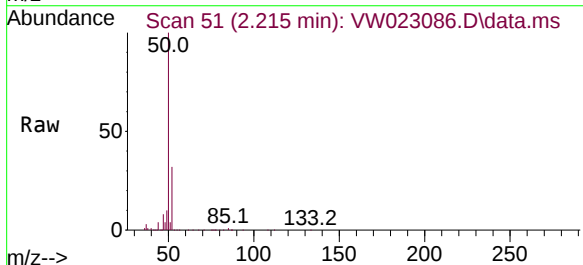
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

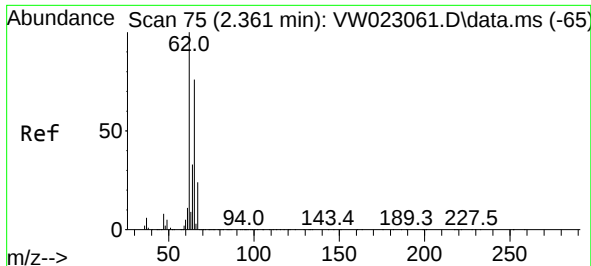
Tgt Ion: 85 Resp: 32300
 Ion Ratio Lower Upper
 85 100
 87 35.3 27.8 41.8



#3
 Chloromethane
 Concen: 20.995 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023086.D
 Acq: 17 May 2022 08:46

Tgt Ion: 50 Resp: 74652
 Ion Ratio Lower Upper
 50 100
 52 31.6 23.1 42.9

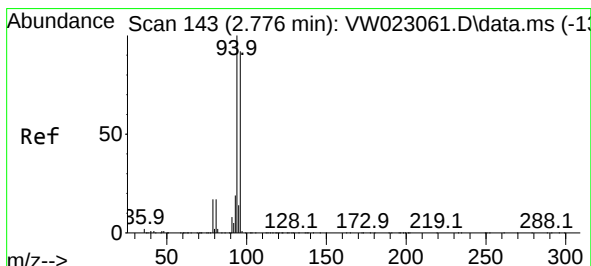
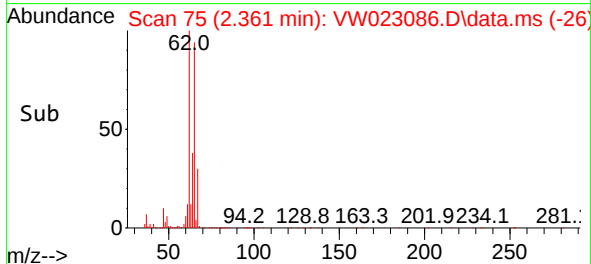
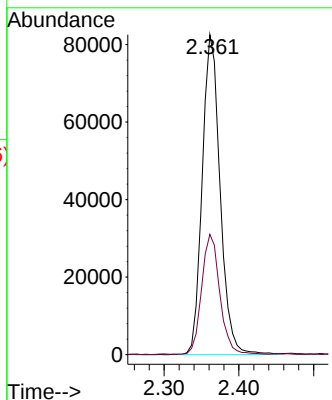
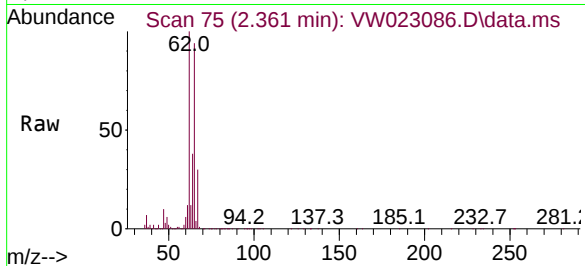




#5
 Vinyl chloride
 Concen: 19.229 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW023086.D
 Acq: 17 May 2022 08:46

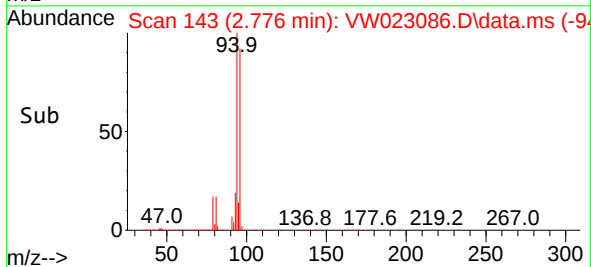
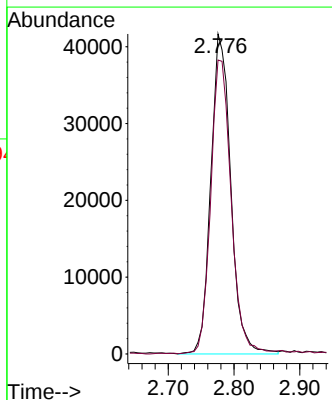
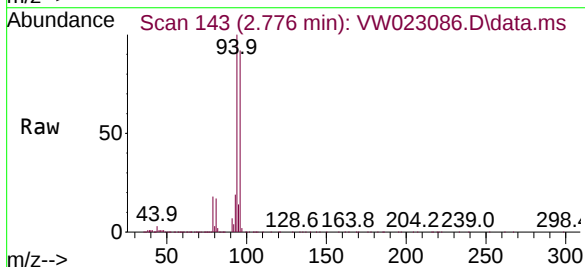
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

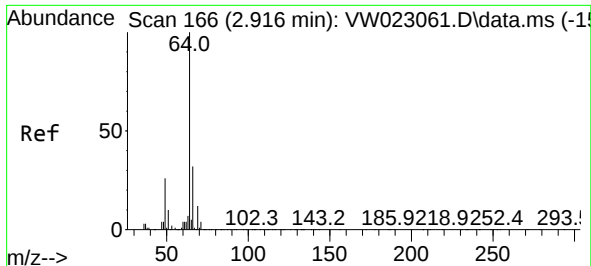
Tgt Ion: 62 Resp: 137220
 Ion Ratio Lower Upper
 62 100
 64 37.6 24.9 46.3



#6
 Bromomethane
 Concen: 19.218 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW023086.D
 Acq: 17 May 2022 08:46

Tgt Ion: 94 Resp: 88052
 Ion Ratio Lower Upper
 94 100
 96 91.9 61.7 114.5

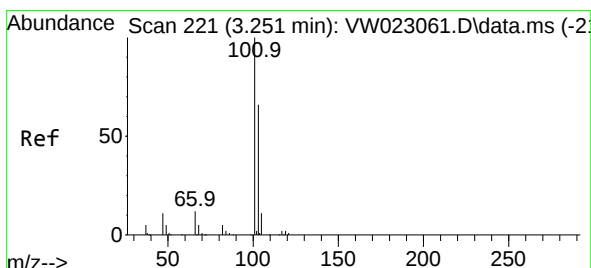
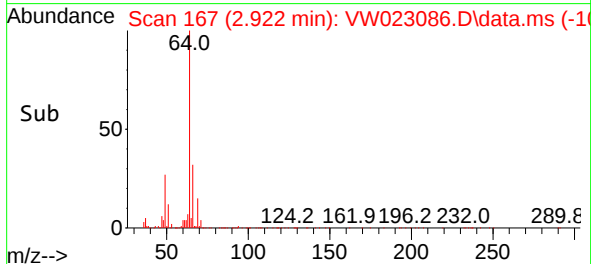
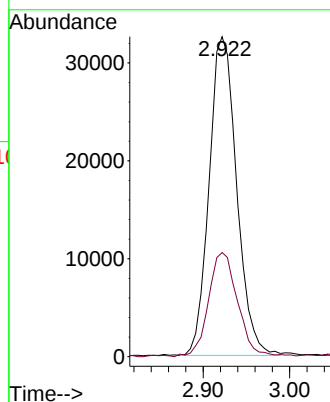
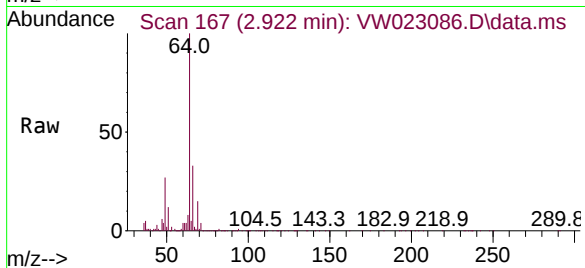




#8
Chloroethane
Concen: 20.926 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

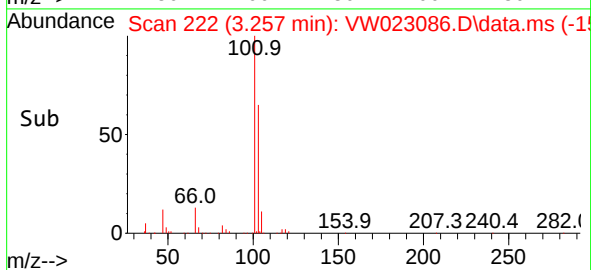
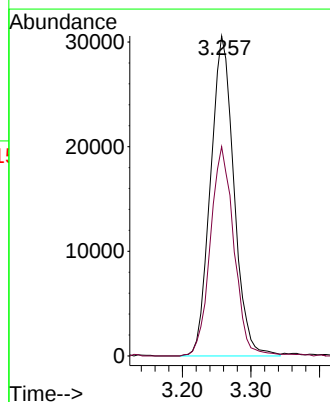
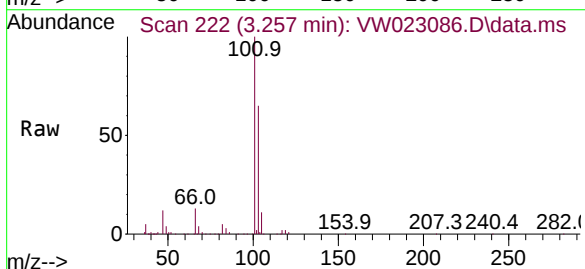
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

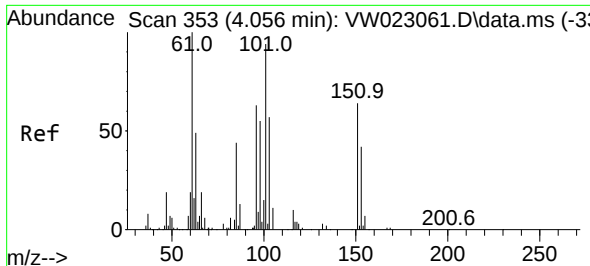
Tgt Ion: 64 Resp: 72026
Ion Ratio Lower Upper
64 100
66 32.5 23.4 43.6



#9
Trichlorofluoromethane
Concen: 22.280 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

Tgt Ion: 101 Resp: 72668
Ion Ratio Lower Upper
101 100
103 65.8 53.9 80.9

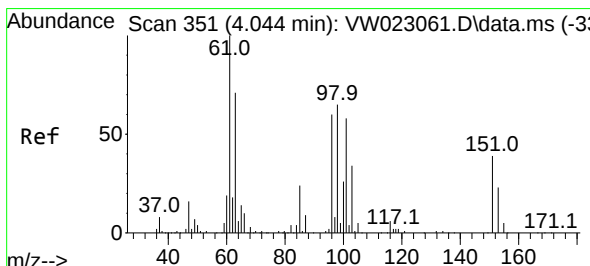
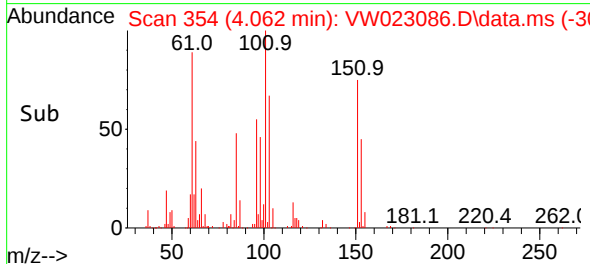
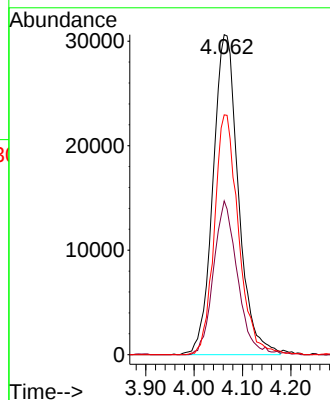
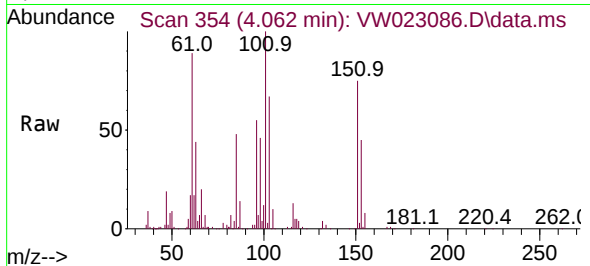




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.915 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW023086.D
 Acq: 17 May 2022 08:46

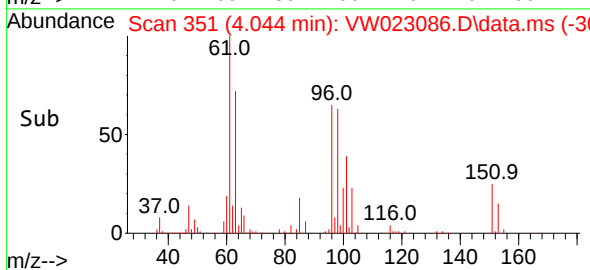
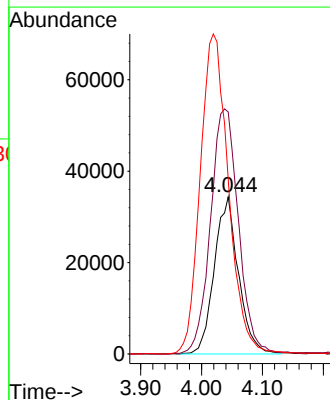
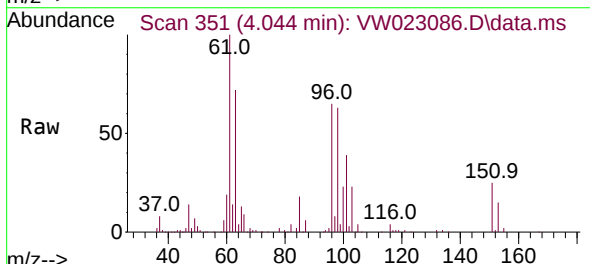
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

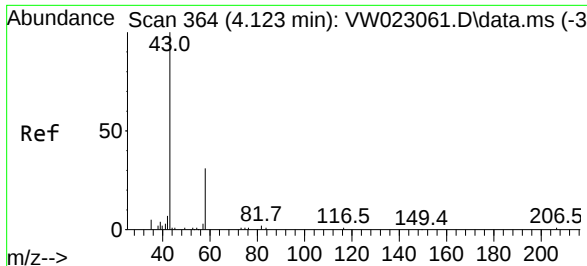
Tgt Ion:101 Resp: 111756
 Ion Ratio Lower Upper
 101 100
 85 44.5 34.3 51.5
 151 70.8 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 21.821 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW023086.D
 Acq: 17 May 2022 08:46

Tgt Ion: 96 Resp: 94340
 Ion Ratio Lower Upper
 96 100
 61 154.1 125.7 233.5
 63 111.4 83.4 155.0

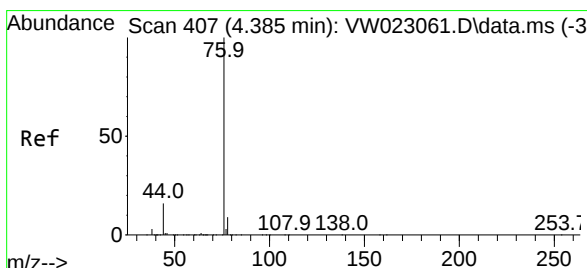
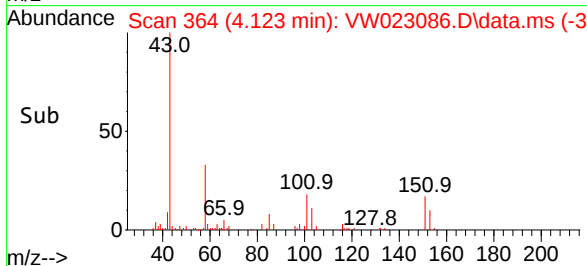
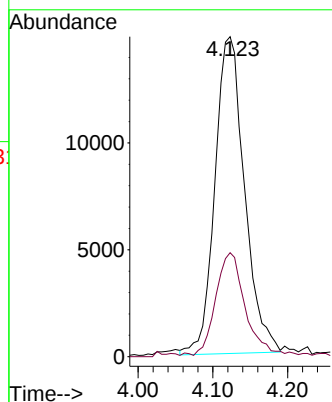
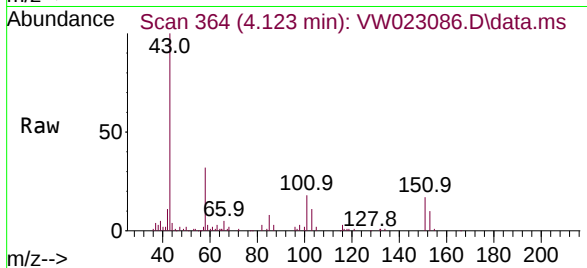




#13
Acetone
Concen: 41.416 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

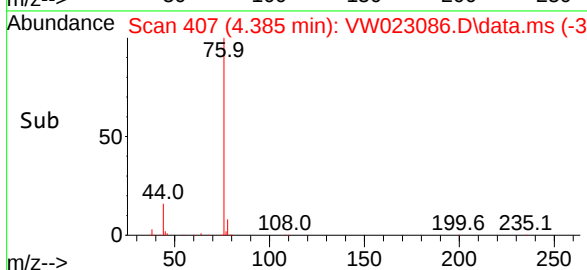
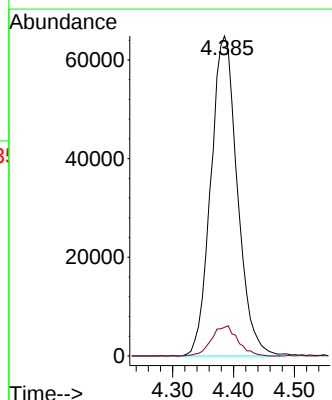
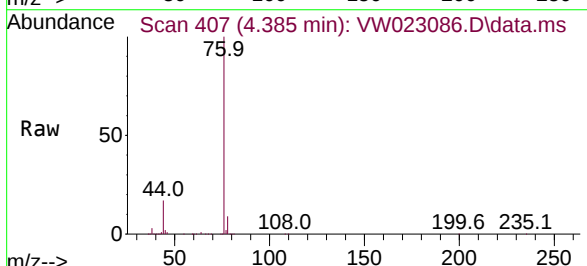
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

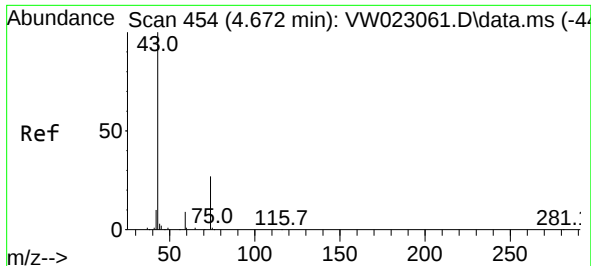
Tgt Ion: 43 Resp: 40829
Ion Ratio Lower Upper
43 100
58 31.5 0.0 64.0



#14
Carbon disulfide
Concen: 16.584 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

Tgt Ion: 76 Resp: 196559
Ion Ratio Lower Upper
76 100
78 8.9 7.7 11.5

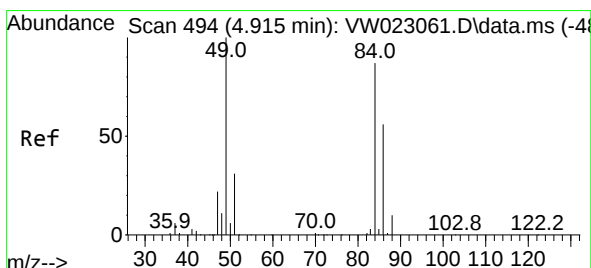
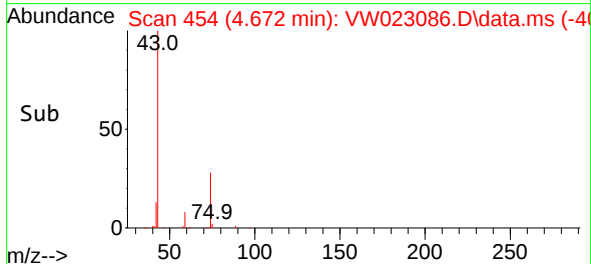
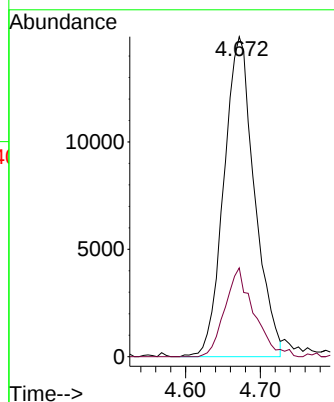
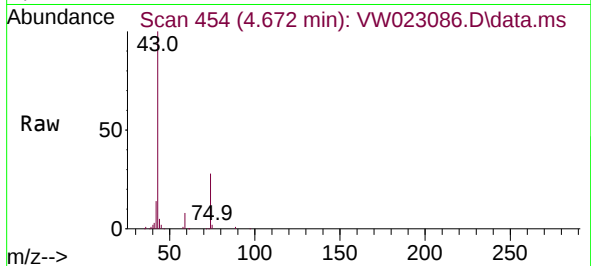




#15
Methyl Acetate
Concen: 21.463 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

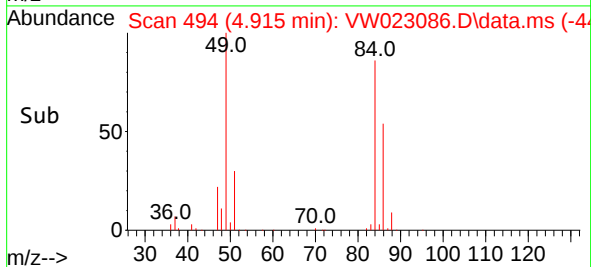
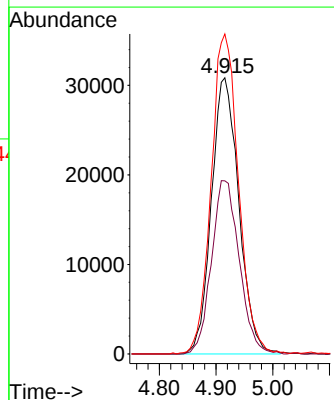
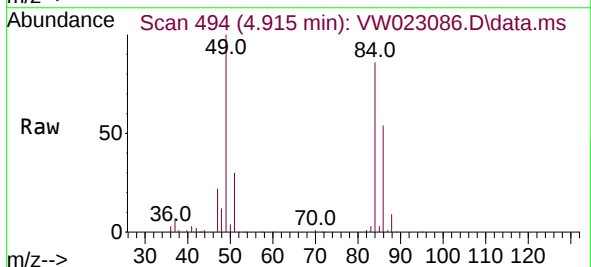
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

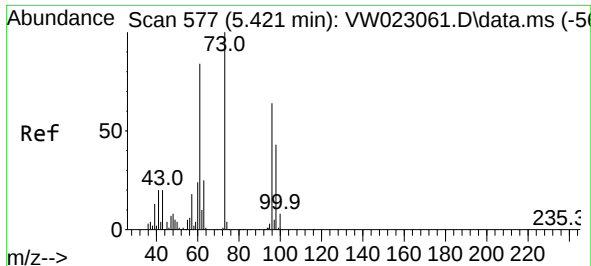
Tgt Ion: 43 Resp: 42508
Ion Ratio Lower Upper
43 100
74 26.0 21.9 32.9



#16
Methylene chloride
Concen: 20.986 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

Tgt Ion: 84 Resp: 103656
Ion Ratio Lower Upper
84 100
86 62.7 45.4 84.4
49 115.8 82.5 153.1

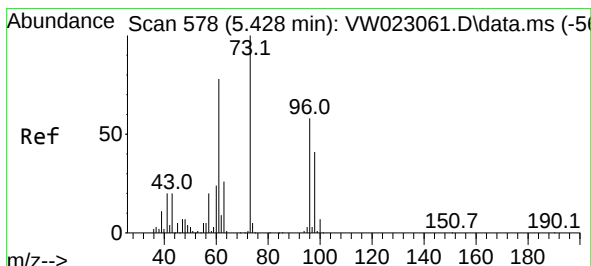
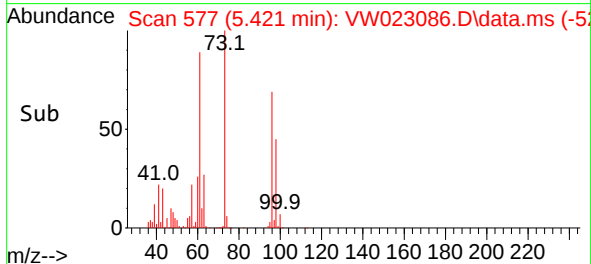
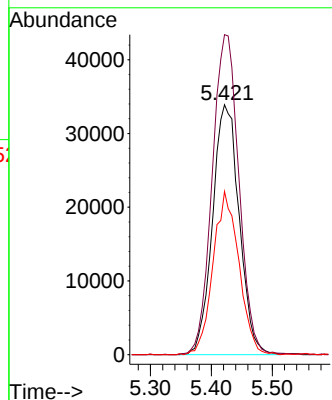
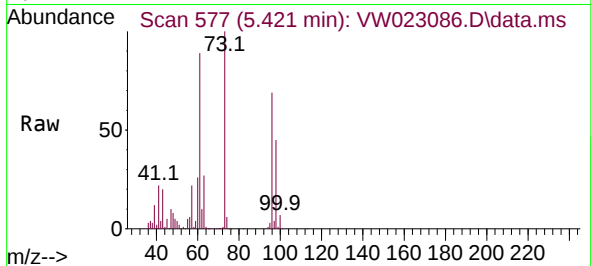




#17
trans-1,2-Dichloroethene
Concen: 21.206 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

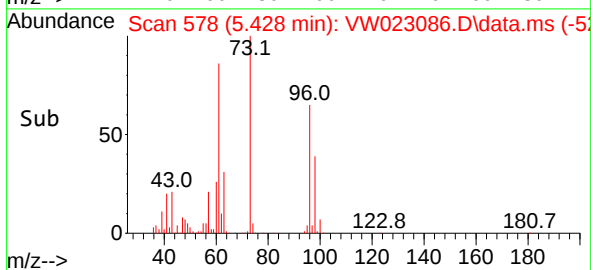
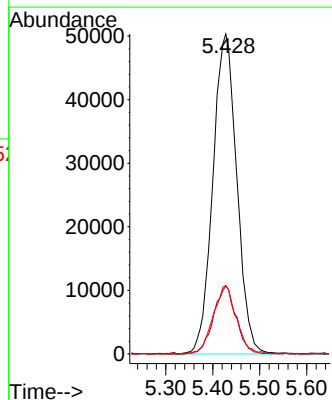
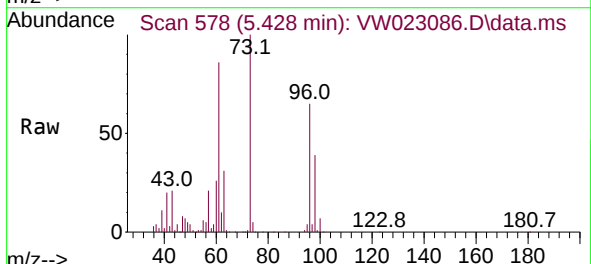
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

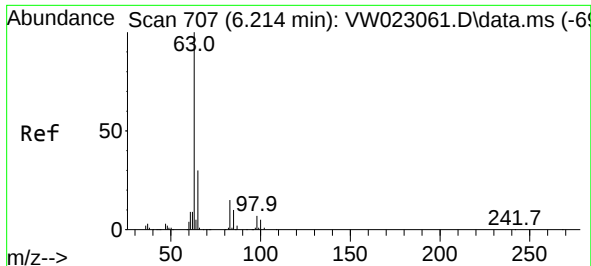
Tgt Ion: 96 Resp: 103170
Ion Ratio Lower Upper
96 100
61 128.1 92.2 171.2
98 65.3 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 23.994 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

Tgt Ion: 73 Resp: 178201
Ion Ratio Lower Upper
73 100
43 20.0 15.9 23.9
57 20.4 16.5 24.7

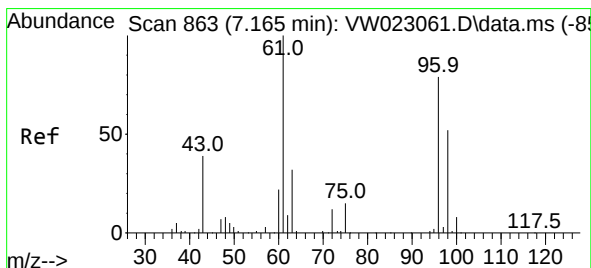
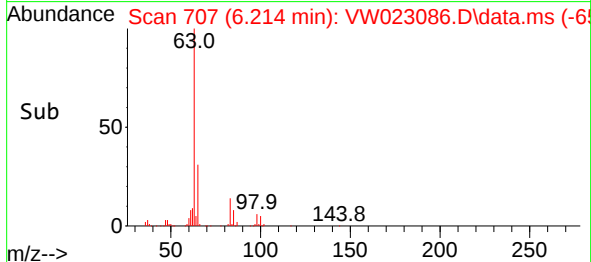
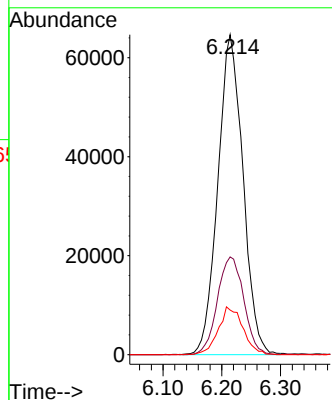
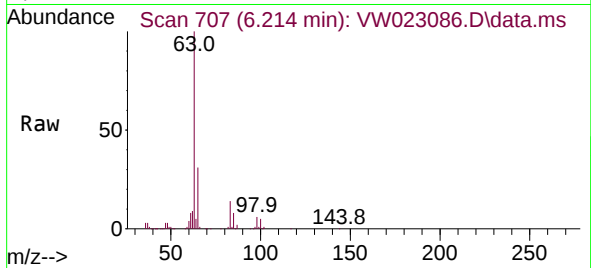




#19
1,1-Dichloroethane
Concen: 23.298 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

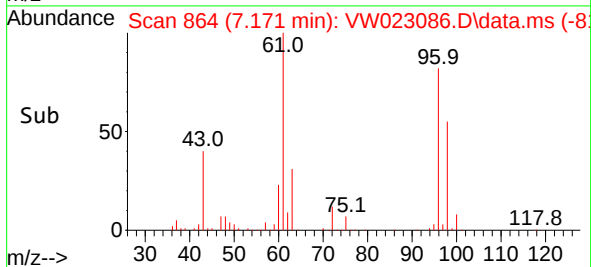
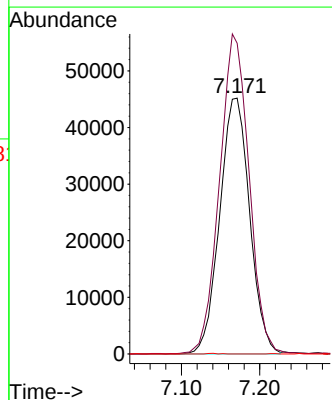
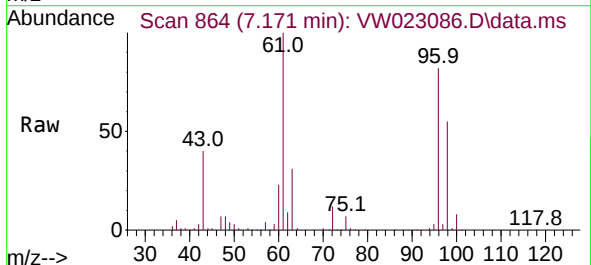
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

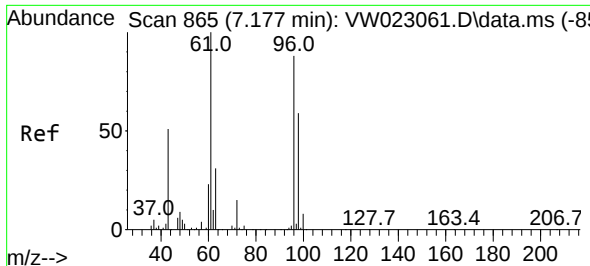
Tgt Ion: 63 Resp: 192107
Ion Ratio Lower Upper
63 100
65 30.6 23.3 43.3
83 13.9 11.1 20.5



#20
cis-1,2-Dichloroethene
Concen: 22.980 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

Tgt Ion: 96 Resp: 120087
Ion Ratio Lower Upper
96 100
61 121.5 84.2 156.4
68 0.0 0.1 0.1#

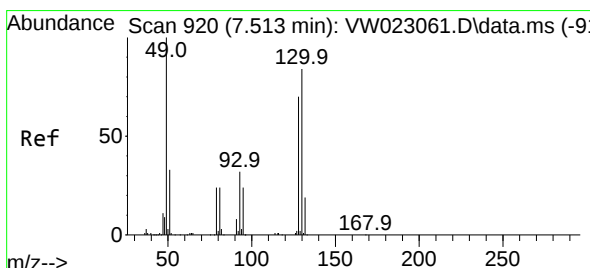
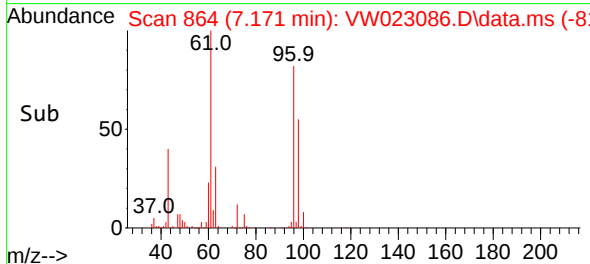
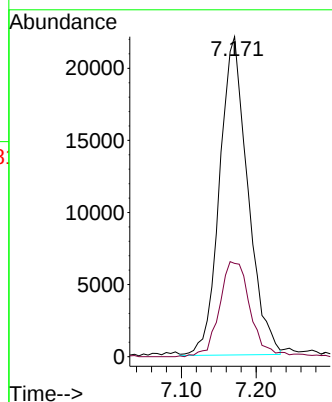
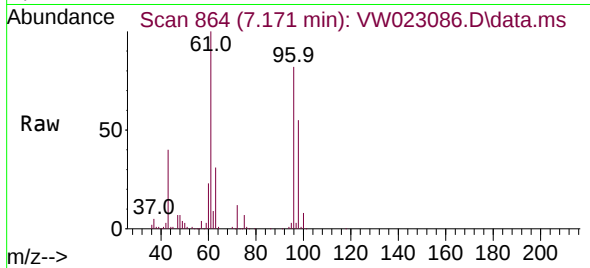




#22
2-Butanone
Concen: 41.999 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

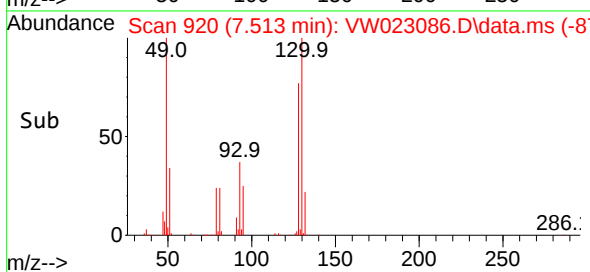
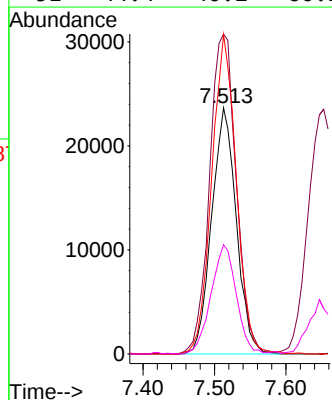
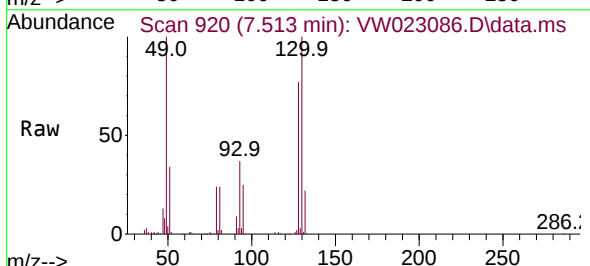
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

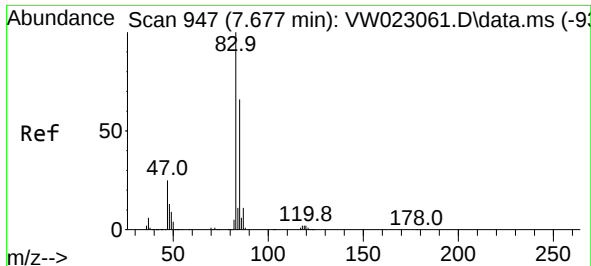
Tgt Ion: 43 Resp: 57903
Ion Ratio Lower Upper
43 100
72 31.3 15.1 45.3



#23
Bromochloromethane
Concen: 23.143 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

Tgt Ion: 128 Resp: 56636
Ion Ratio Lower Upper
128 100
49 130.1 110.0 204.4
130 129.8 94.8 176.0
51 44.4 40.2 60.2

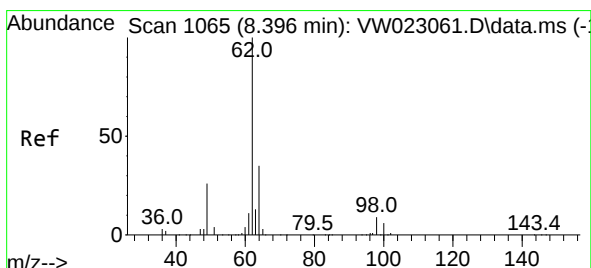
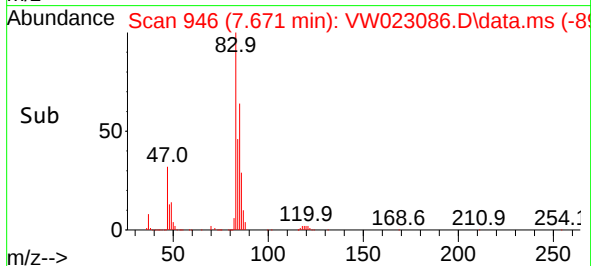
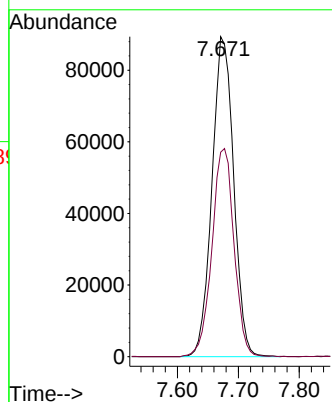
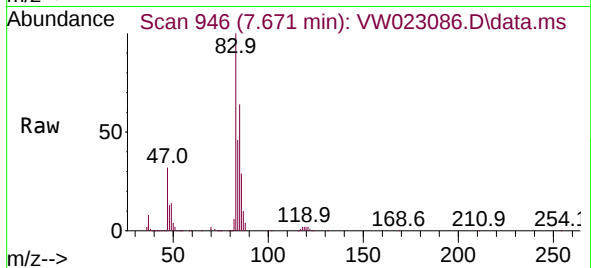




#25
Chloroform
Concen: 24.187 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

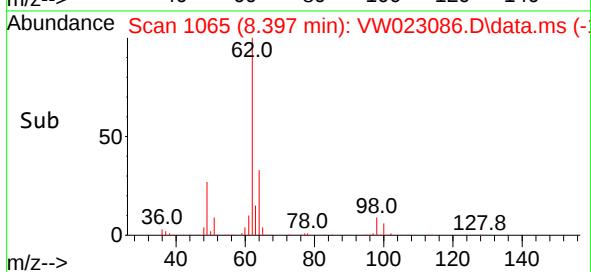
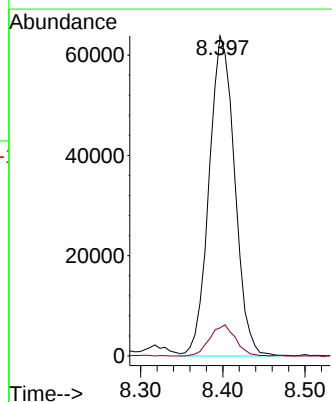
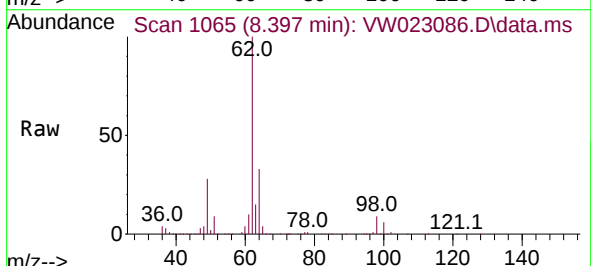
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

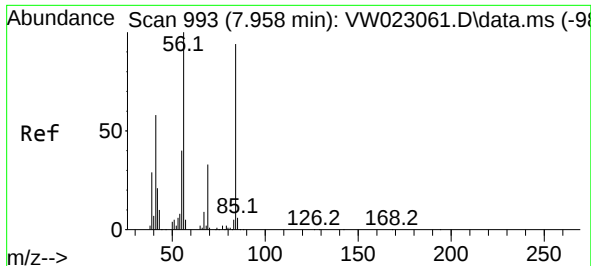
Tgt Ion: 83 Resp: 220530
Ion Ratio Lower Upper
83 100
85 63.9 46.6 86.6



#27
1,2-Dichloroethane
Concen: 22.739 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

Tgt Ion: 62 Resp: 138201
Ion Ratio Lower Upper
62 100
98 8.8 7.2 10.8





#29

Cyclohexane

Concen: 20.952 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW023086.D

Acq: 17 May 2022 08:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

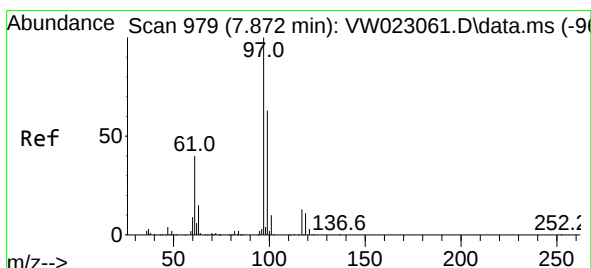
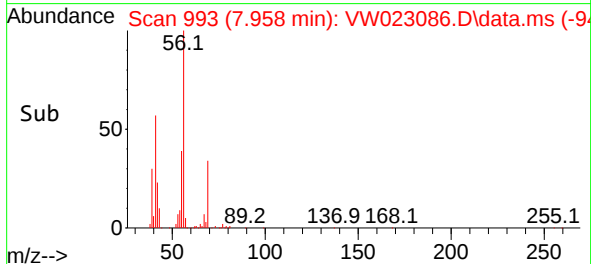
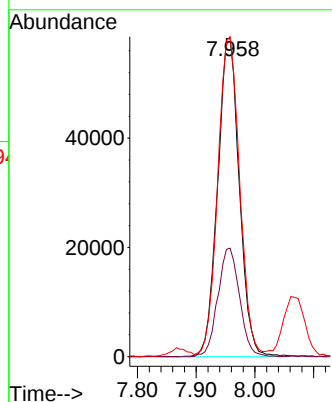
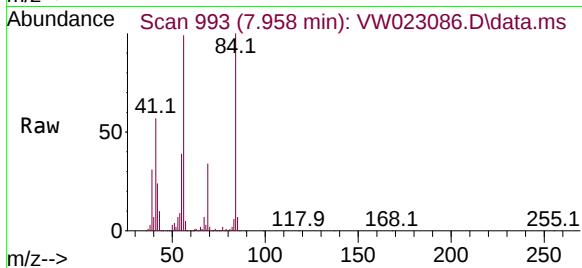
Tgt Ion: 56 Resp: 149330

Ion Ratio Lower Upper

56 100

69 34.2 25.6 38.4

84 101.5 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 24.028 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW023086.D

Acq: 17 May 2022 08:46

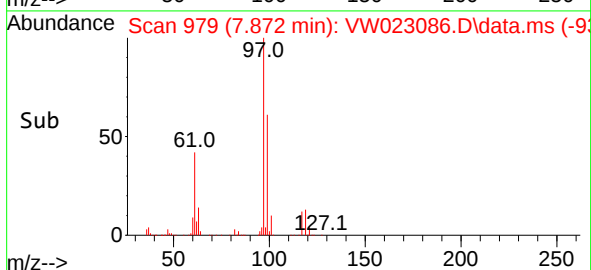
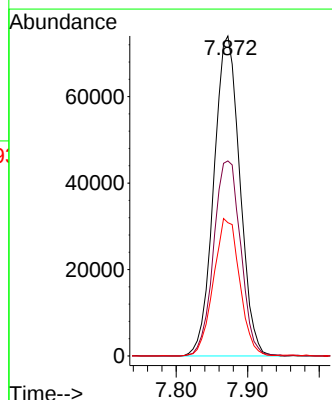
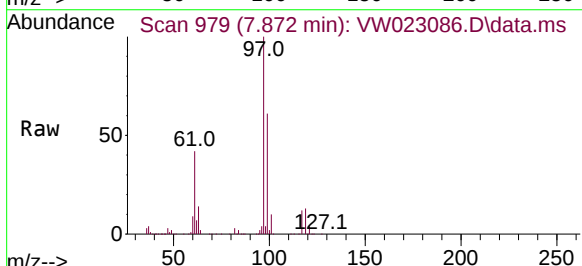
Tgt Ion: 97 Resp: 187133

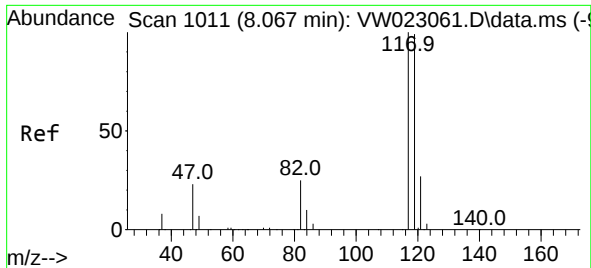
Ion Ratio Lower Upper

97 100

99 63.1 51.0 76.4

61 43.3 34.8 52.2

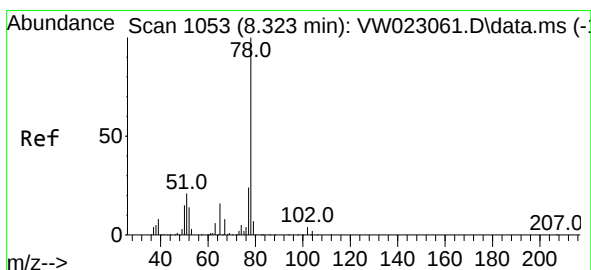
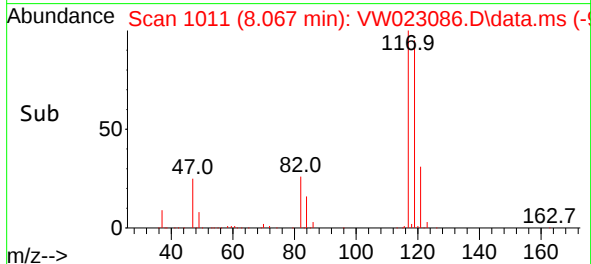
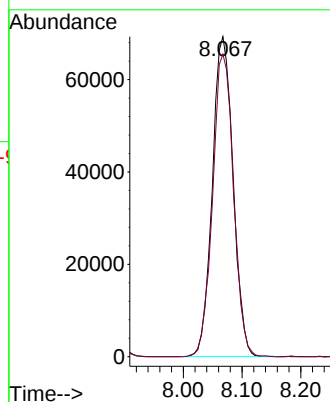
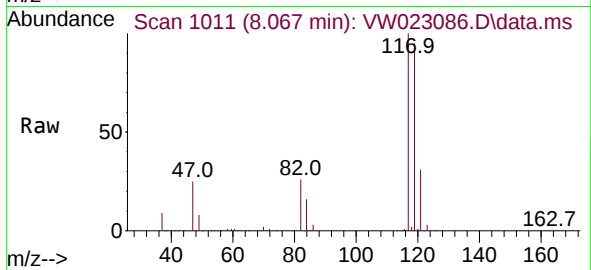




#31
Carbon tetrachloride
Concen: 23.304 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

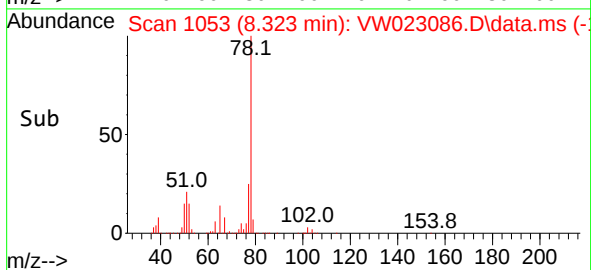
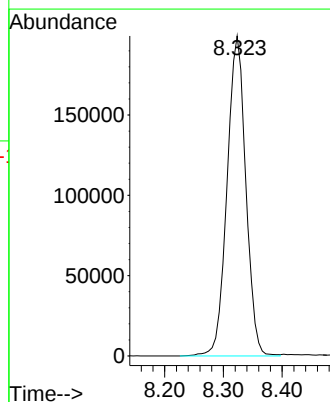
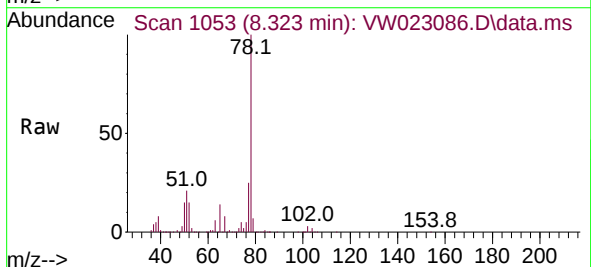
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

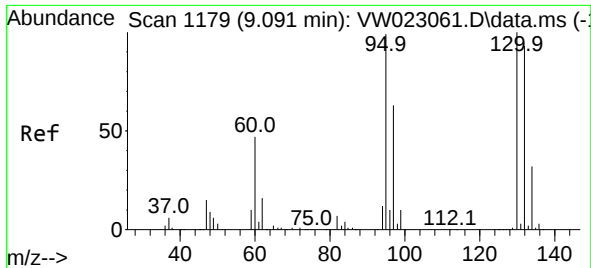
Tgt Ion:117 Resp: 169773
Ion Ratio Lower Upper
117 100
119 95.2 76.6 115.0



#33
Benzene
Concen: 22.780 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

Tgt Ion: 78 Resp: 442256

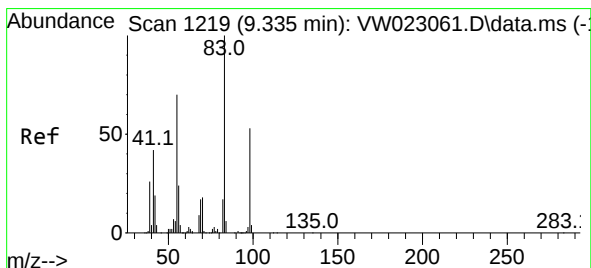
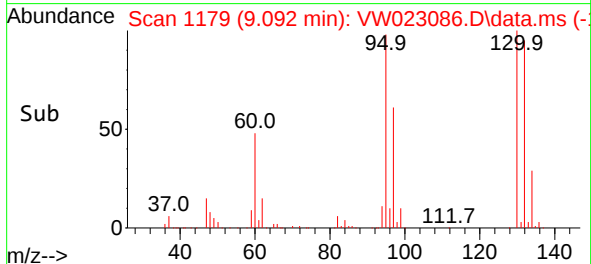
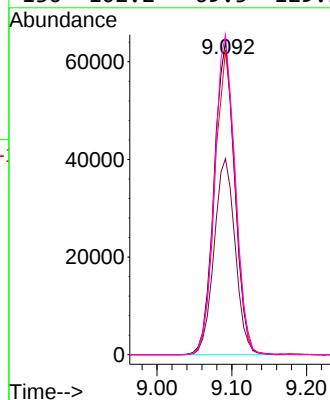
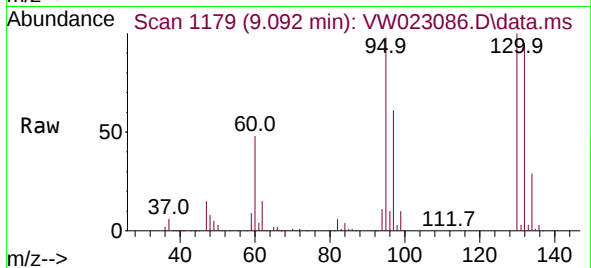




#34
Trichloroethene
Concen: 22.976 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

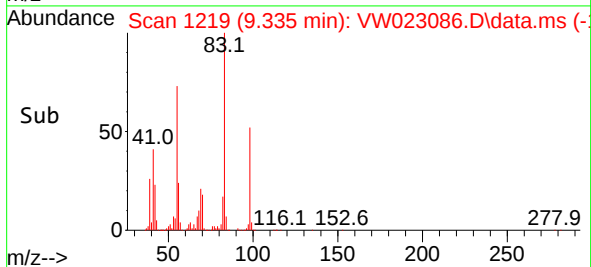
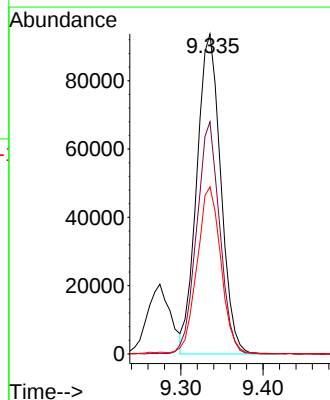
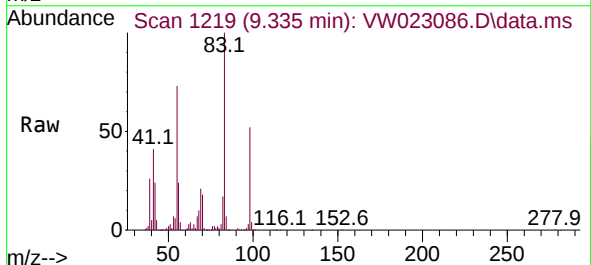
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

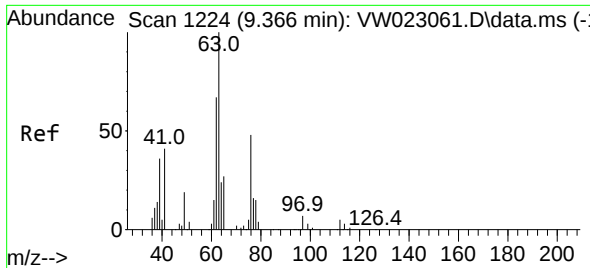
Tgt Ion: 95 Resp: 122675
Ion Ratio Lower Upper
95 100
97 62.6 46.1 85.7
132 97.3 66.9 124.3
130 102.2 69.5 129.1



#35
Methylcyclohexane
Concen: 21.578 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

Tgt Ion: 83 Resp: 189263
Ion Ratio Lower Upper
83 100
55 69.6 55.1 82.7
98 52.2 40.4 60.6





#37

1,2-Dichloropropane

Concen: 23.748 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023086.D

Acq: 17 May 2022 08:46

Instrument :

MSVOA_W

ClientSampleId :

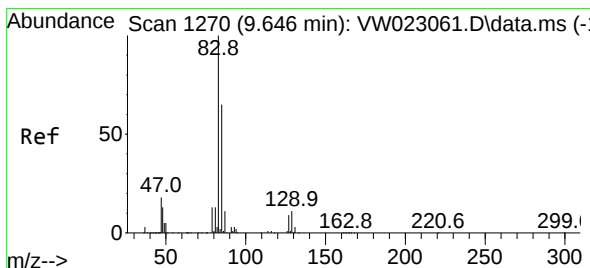
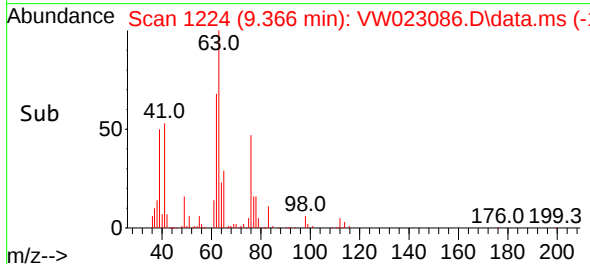
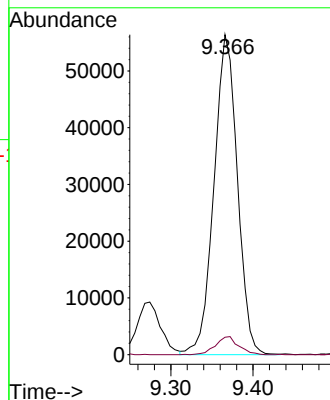
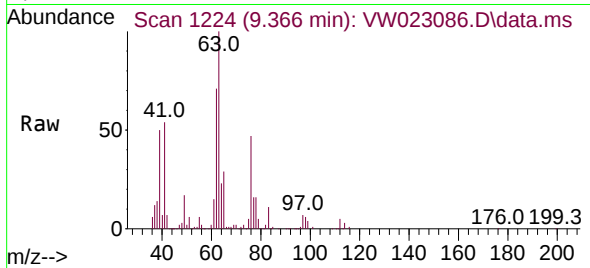
VSTD025535

Tgt Ion: 63 Resp: 111571

Ion Ratio Lower Upper

63 100

112 5.6 3.8 5.8



#38

Bromodichloromethane

Concen: 23.782 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW023086.D

Acq: 17 May 2022 08:46

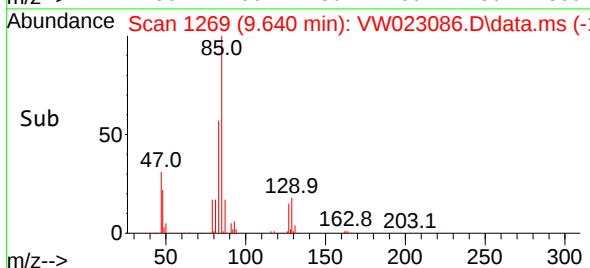
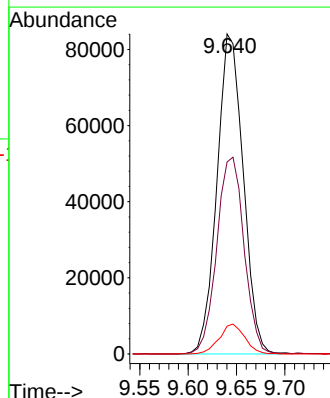
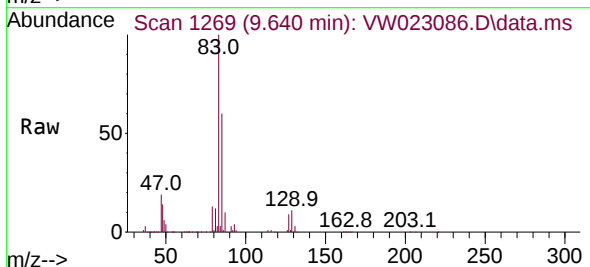
Tgt Ion: 83 Resp: 158704

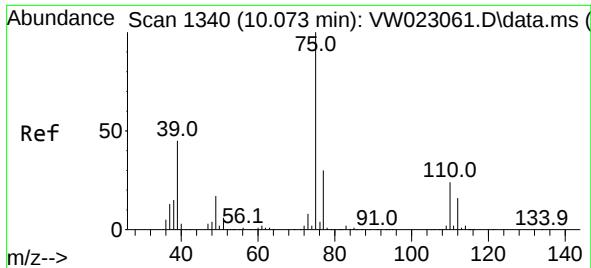
Ion Ratio Lower Upper

83 100

85 60.0 43.5 80.7

127 8.7 7.1 10.7

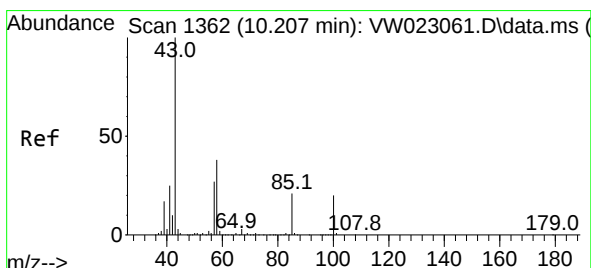
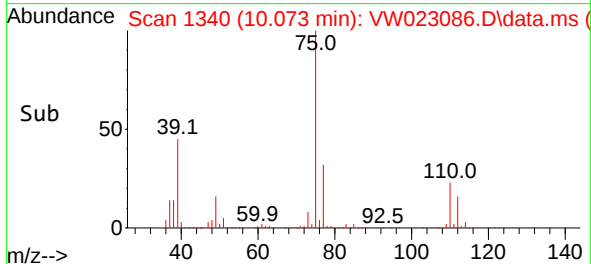
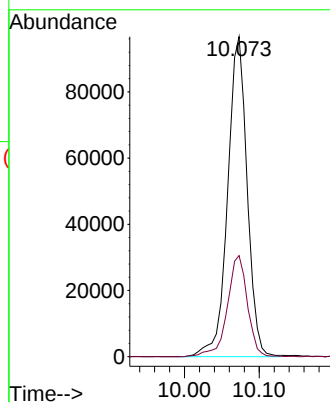
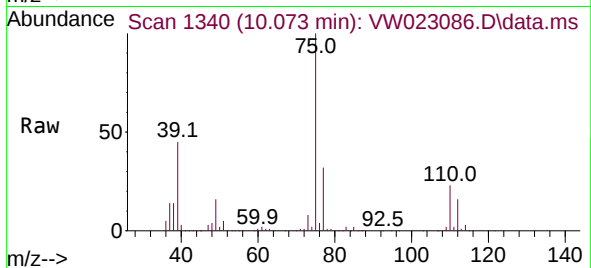




#39
 cis-1,3-Dichloropropene
 Concen: 24.088 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023086.D
 Acq: 17 May 2022 08:46

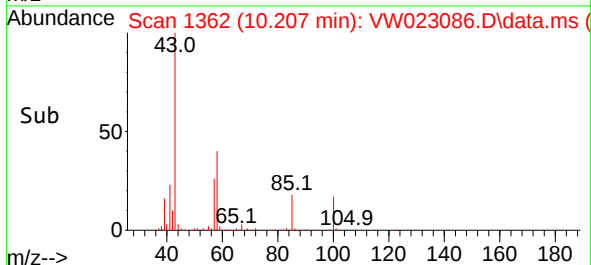
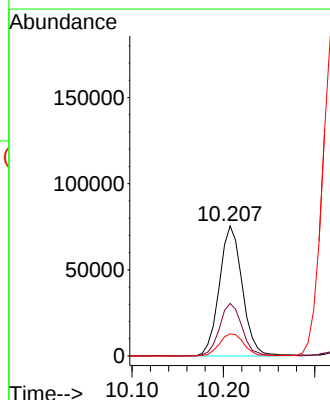
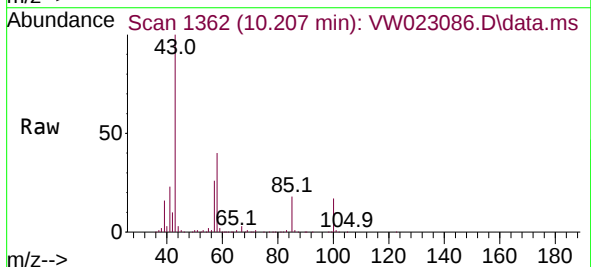
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

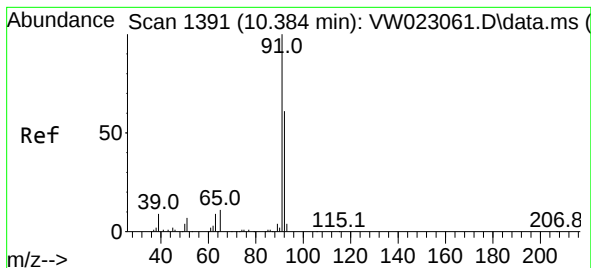
Tgt Ion: 75 Resp: 175481
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 44.383 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW023086.D
 Acq: 17 May 2022 08:46

Tgt Ion: 43 Resp: 131429
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.4 47.2
 100 18.4 14.2 21.4





#42

Toluene

Concen: 23.846 ug/L

RT: 10.384 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023086.D

Acq: 17 May 2022 08:46

Instrument :

MSVOA_W

ClientSampleId :

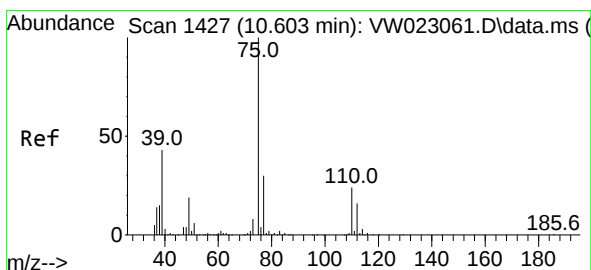
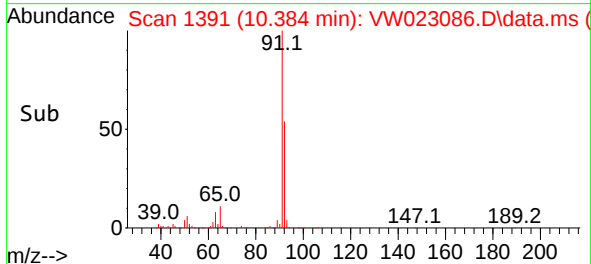
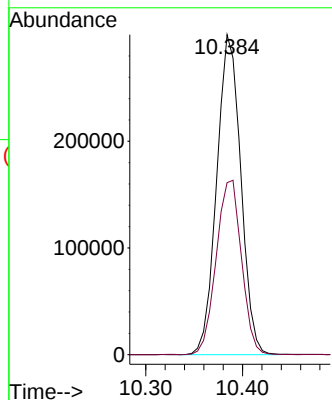
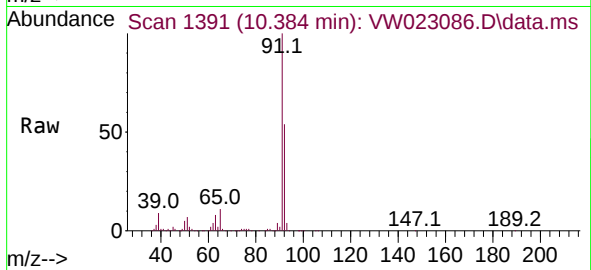
VSTD025535

Tgt Ion: 91 Resp: 518834

Ion Ratio Lower Upper

91 100

92 53.8 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 24.726 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW023086.D

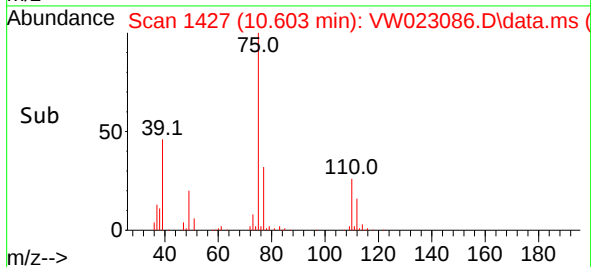
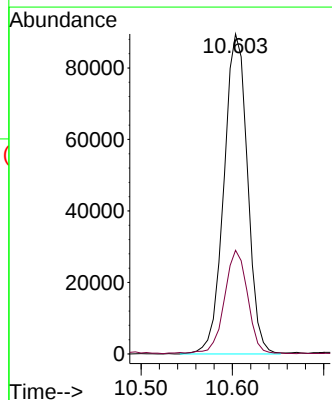
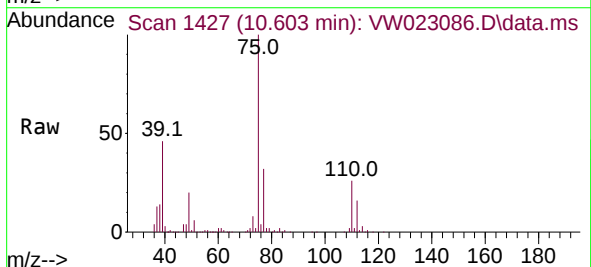
Acq: 17 May 2022 08:46

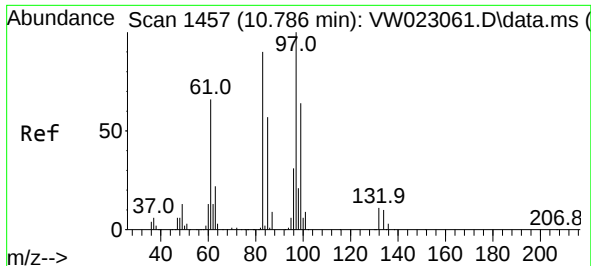
Tgt Ion: 75 Resp: 160775

Ion Ratio Lower Upper

75 100

77 32.4 22.0 40.8

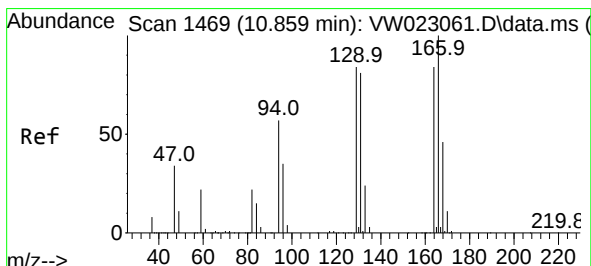
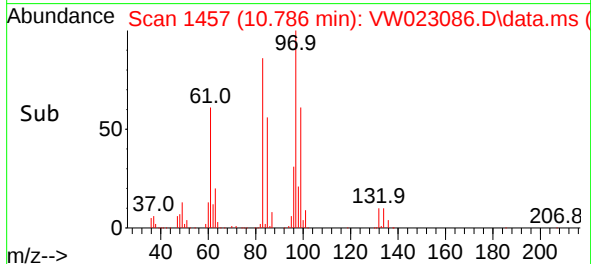
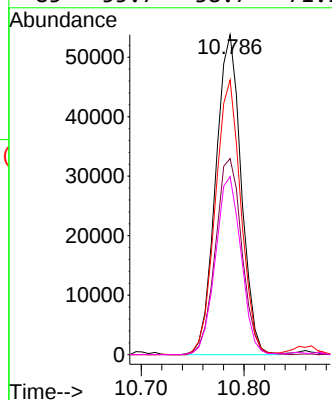
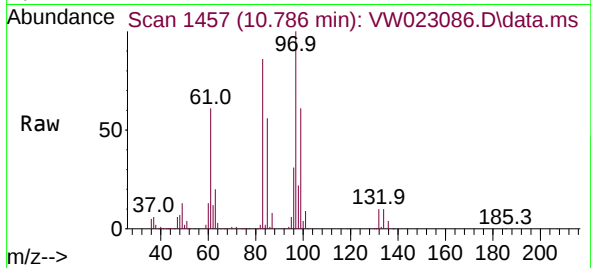




#45
1,1,2-Trichloroethane
Concen: 23.621 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

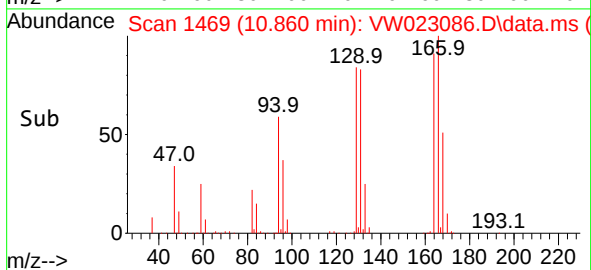
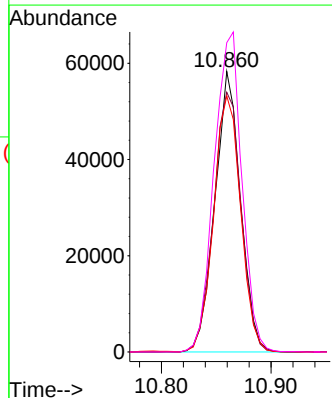
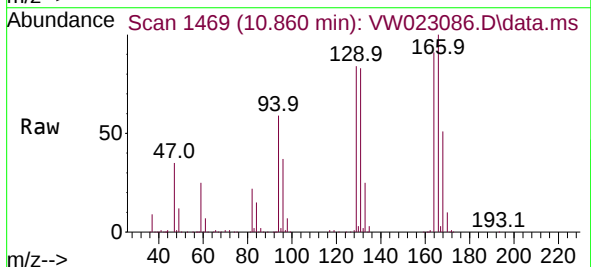
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

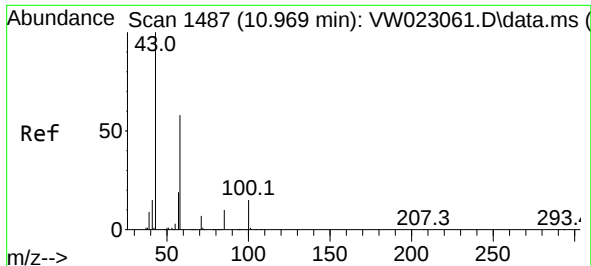
Tgt Ion:	97	Resp:	92771
Ion	Ratio	Lower	Upper
97	100		
99	61.3	44.7	82.9
83	85.8	58.4	108.4
85	55.7	38.7	71.9



#46
Tetrachloroethene
Concen: 23.555 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

Tgt Ion:	164	Resp:	94512
Ion	Ratio	Lower	Upper
164	100		
129	92.5	76.9	142.7
131	91.2	75.1	139.5
166	110.2	96.0	178.2

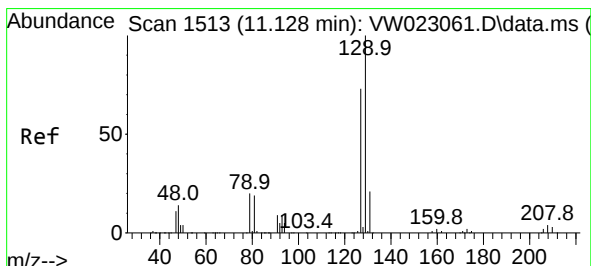
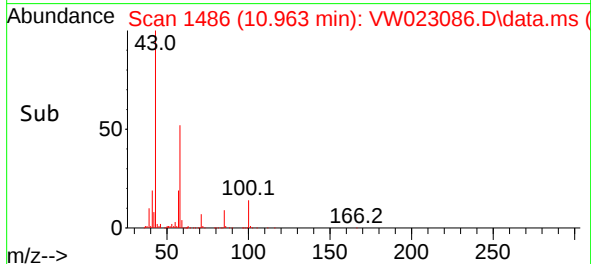
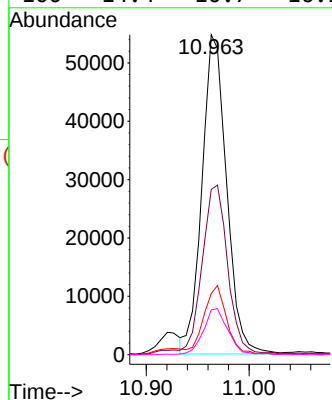
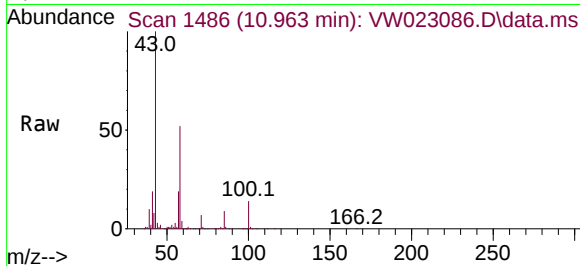




#48
2-Hexanone
Concen: 46.078 ug/L
RT: 10.963 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

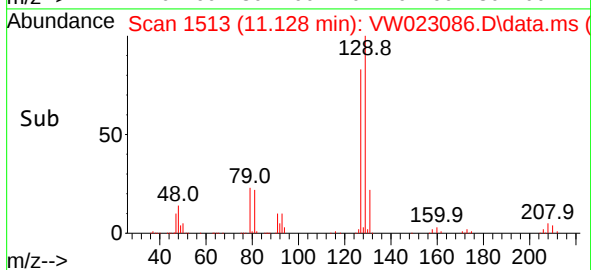
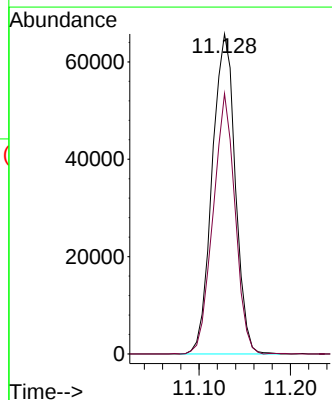
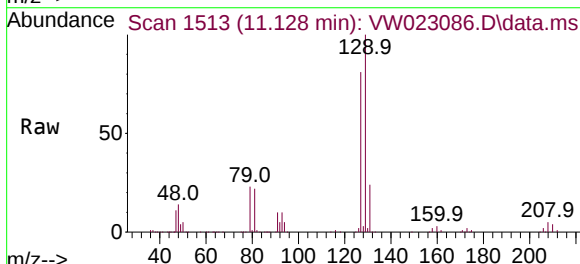
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

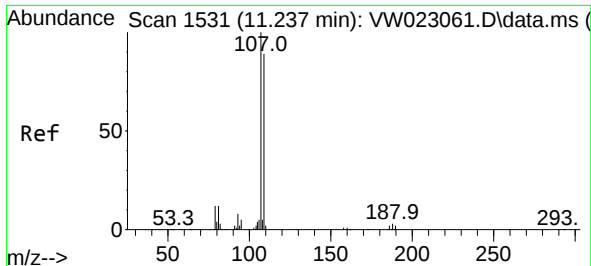
Tgt Ion: 43	Resp: 91169
Ion Ratio	Lower Upper
43 100	
58 53.1	45.9 68.9
57 20.0	16.2 24.2
100 14.4	10.7 16.1



#49
Dibromochloromethane
Concen: 24.393 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

Tgt Ion:129	Resp: 115306
Ion Ratio	Lower Upper
129 100	
127 81.4	53.8 100.0





#50

1,2-Dibromoethane

Concen: 23.225 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.006 min

Lab File: VW023086.D

Acq: 17 May 2022 08:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

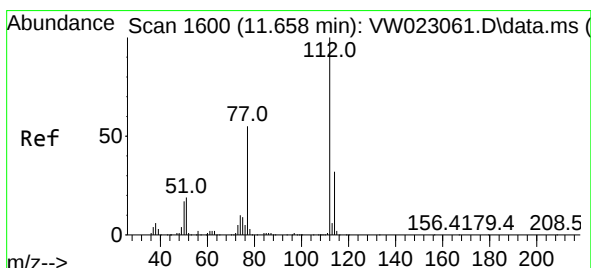
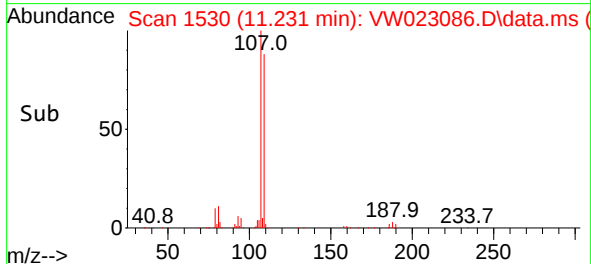
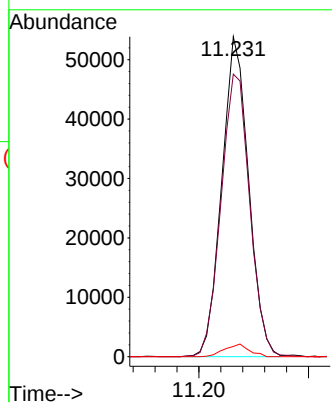
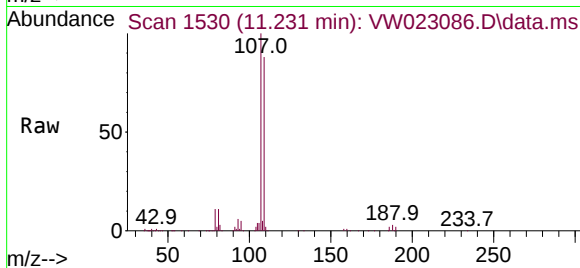
Tgt Ion:107 Resp: 91593

Ion Ratio Lower Upper

107 100

109 88.3 67.5 125.4

188 3.2 2.9 4.3



#51

Chlorobenzene

Concen: 24.210 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW023086.D

Acq: 17 May 2022 08:46

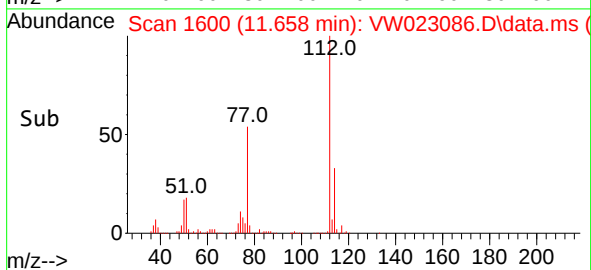
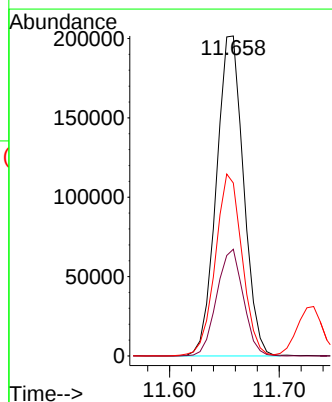
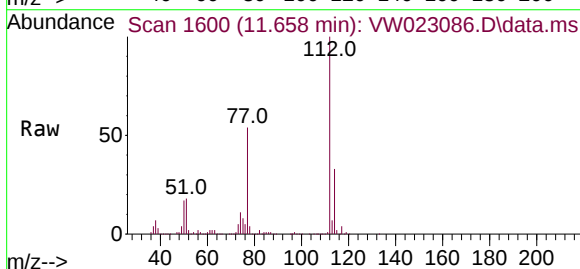
Tgt Ion:112 Resp: 347257

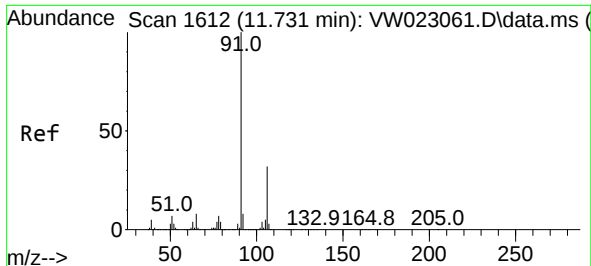
Ion Ratio Lower Upper

112 100

114 33.3 22.0 41.0

77 54.1 42.6 63.8

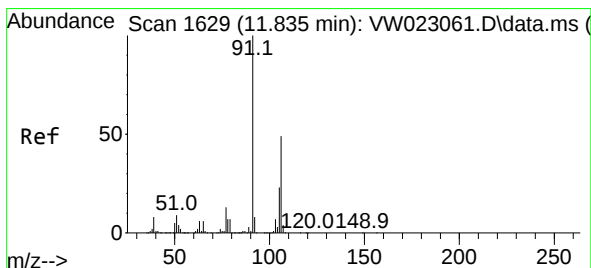
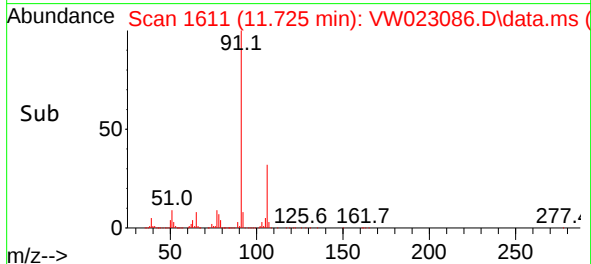
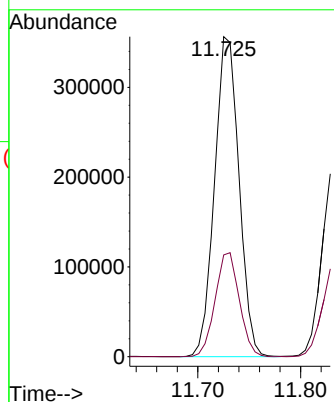
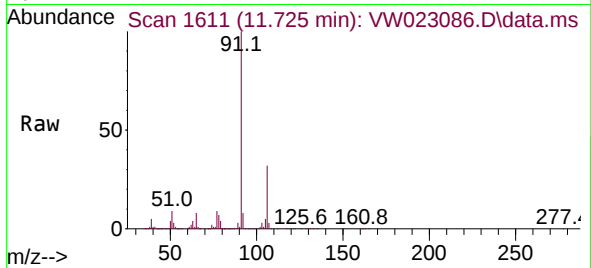




#52
Ethylbenzene
Concen: 24.326 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

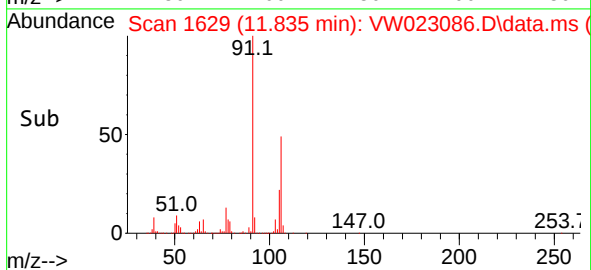
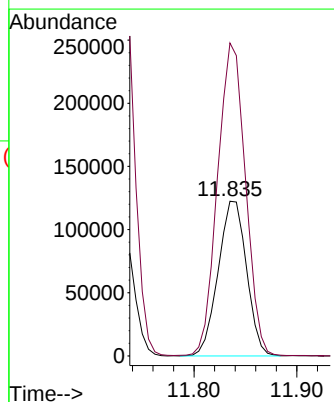
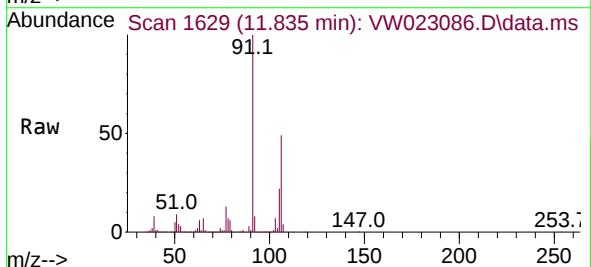
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

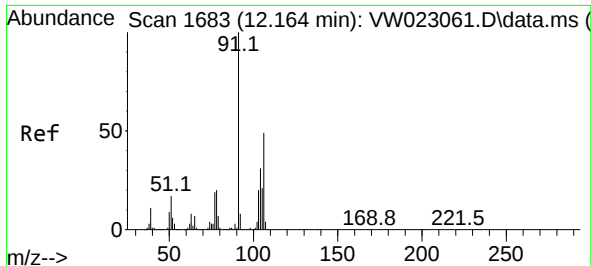
Tgt Ion: 91 Resp: 588826
Ion Ratio Lower Upper
91 100
106 31.8 22.3 41.3



#53
m,p-Xylene
Concen: 24.616 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

Tgt Ion: 106 Resp: 234775
Ion Ratio Lower Upper
106 100
91 202.3 136.8 254.0

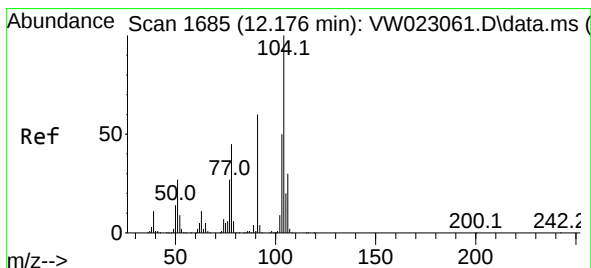
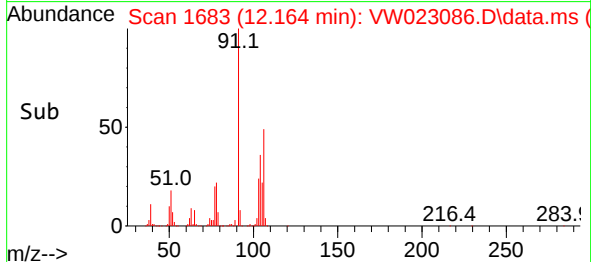
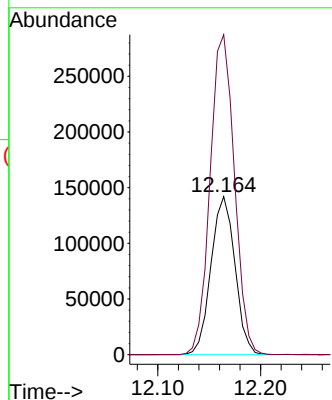
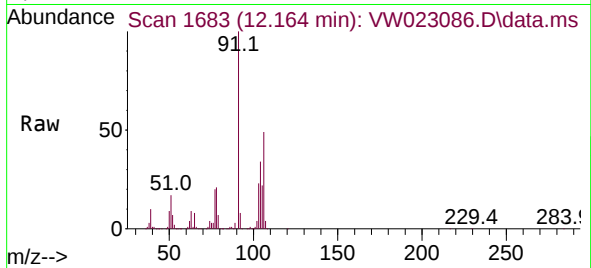




#54
o-Xylene
Concen: 25.119 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

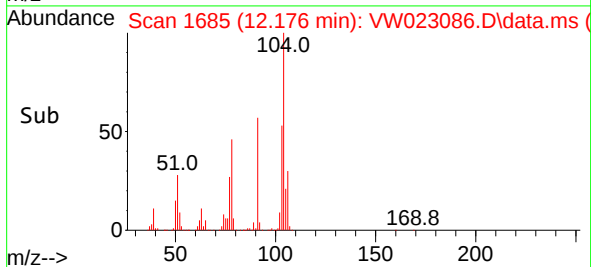
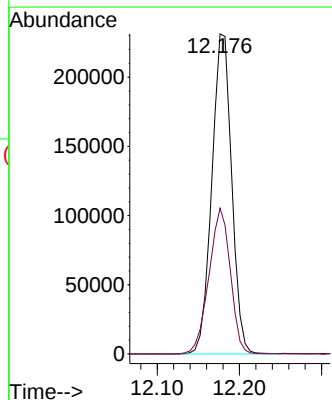
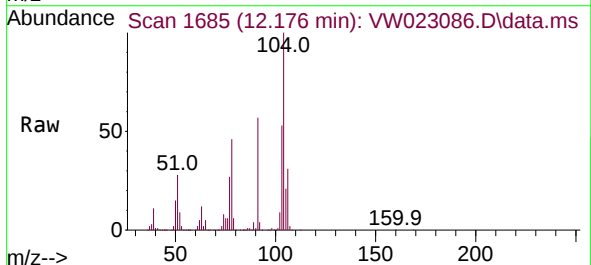
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

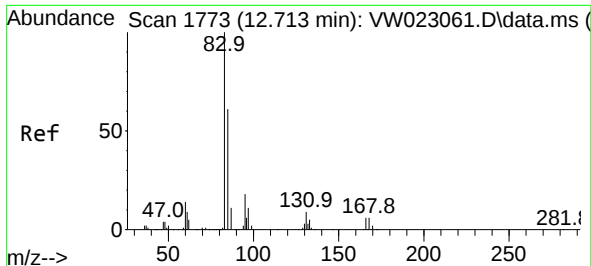
Tgt Ion:106 Resp: 229901
Ion Ratio Lower Upper
106 100
91 202.4 147.2 273.4



#55
Styrene
Concen: 24.971 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

Tgt Ion:104 Resp: 388356
Ion Ratio Lower Upper
104 100
78 45.6 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.483 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023086.D

Acq: 17 May 2022 08:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

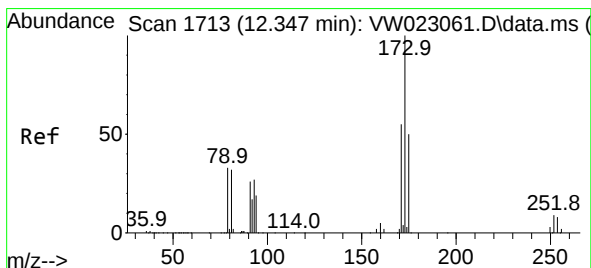
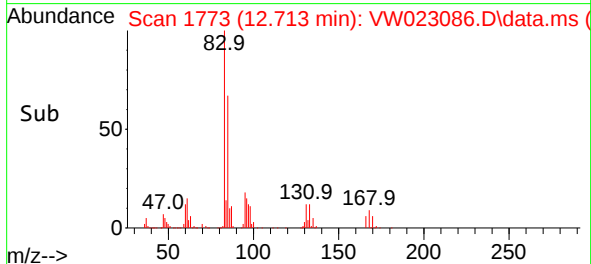
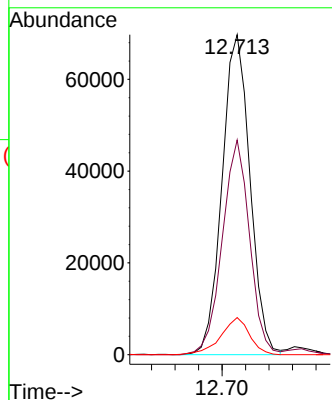
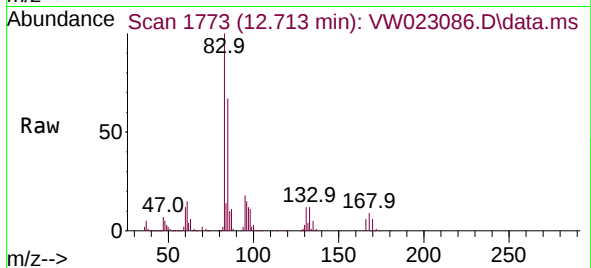
Tgt Ion: 83 Resp: 115196

Ion Ratio Lower Upper

83 100

85 67.1 47.5 88.1

131 11.6 8.7 13.1



#59

Bromoform

Concen: 23.949 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023086.D

Acq: 17 May 2022 08:46

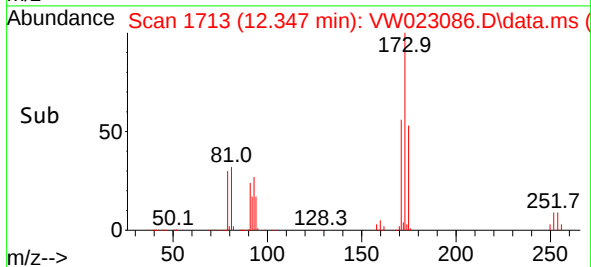
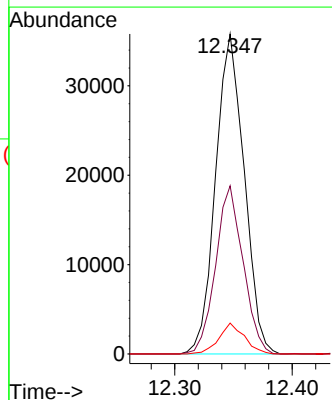
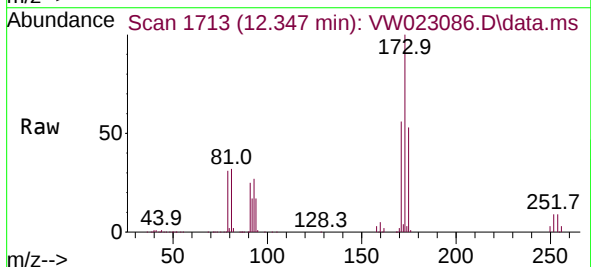
Tgt Ion: 173 Resp: 60548

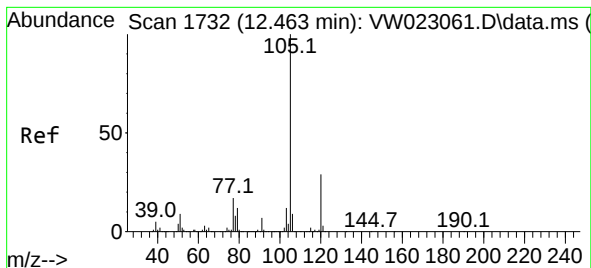
Ion Ratio Lower Upper

173 100

175 50.4 38.1 57.1

254 8.6 6.5 9.7





#60

Isopropylbenzene

Concen: 25.882 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW023086.D

Acq: 17 May 2022 08:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

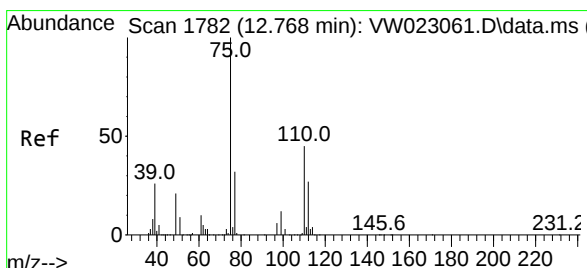
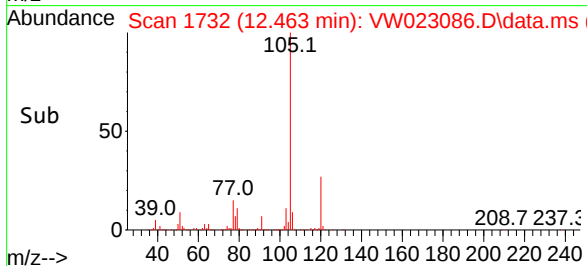
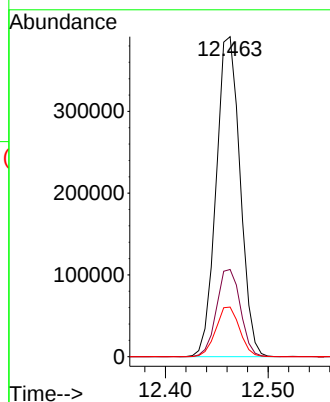
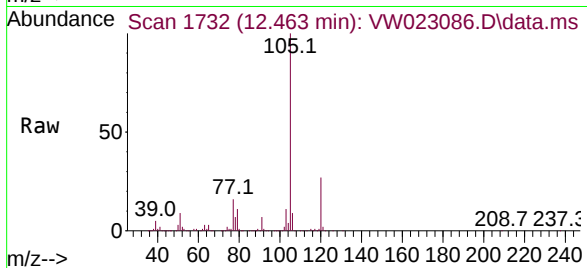
Tgt Ion:105 Resp: 632525

Ion Ratio Lower Upper

105 100

120 27.3 21.3 31.9

77 15.4 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 22.877 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023086.D

Acq: 17 May 2022 08:46

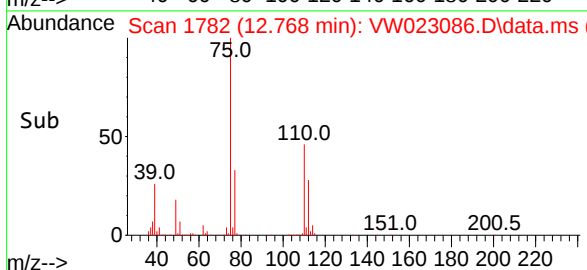
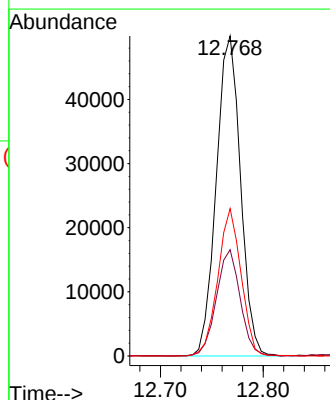
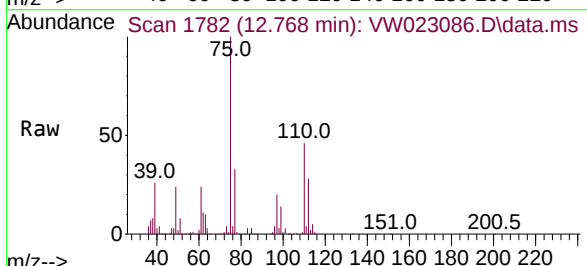
Tgt Ion: 75 Resp: 81543

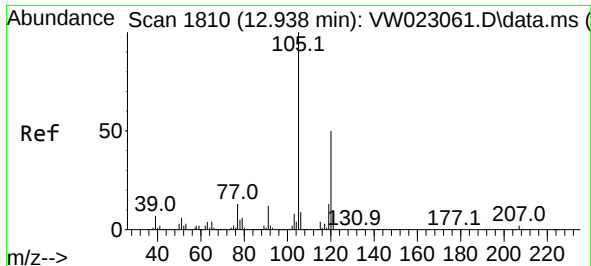
Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2

110 44.1 34.1 51.1

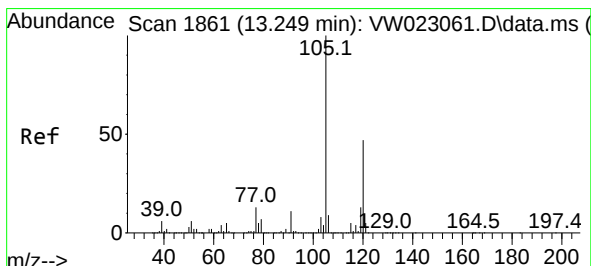
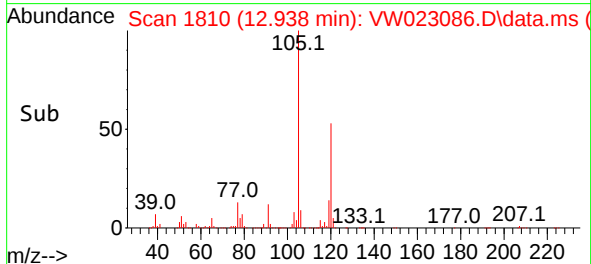
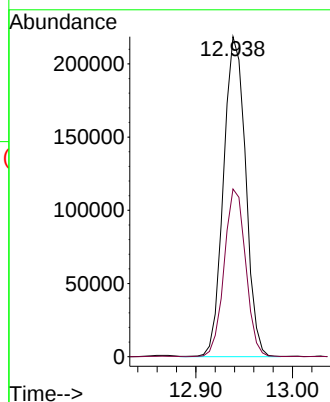
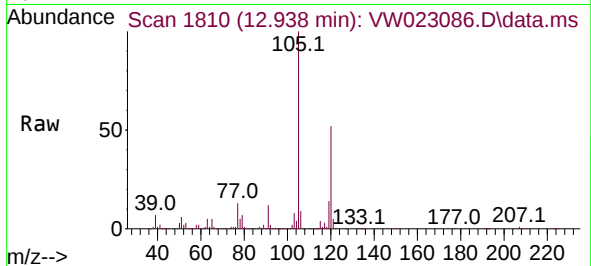




#62
1,3,5-Trimethylbenzene
Concen: 25.531 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

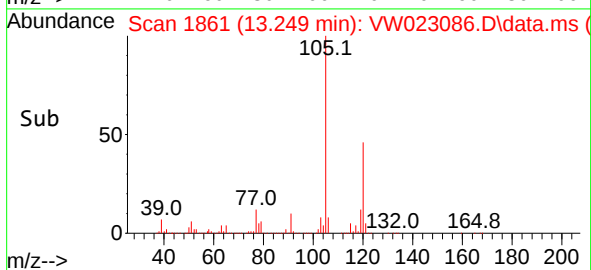
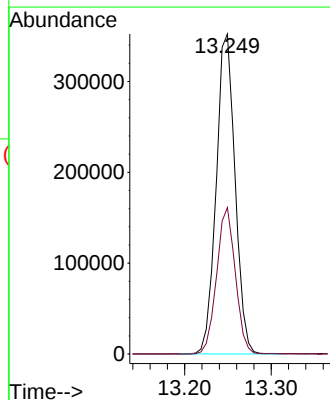
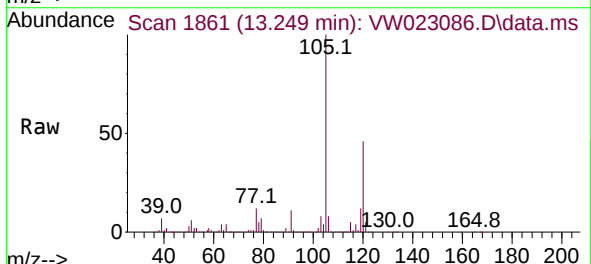
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

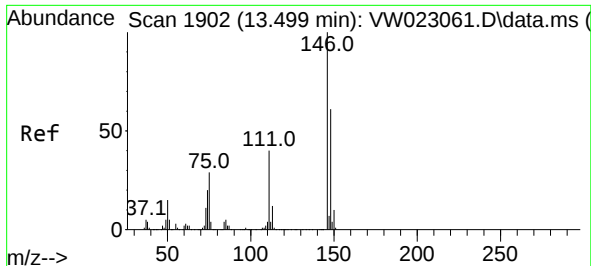
Tgt Ion:105 Resp: 347139
Ion Ratio Lower Upper
105 100
120 50.9 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 26.109 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

Tgt Ion:105 Resp: 533021
Ion Ratio Lower Upper
105 100
120 45.3 37.4 56.2

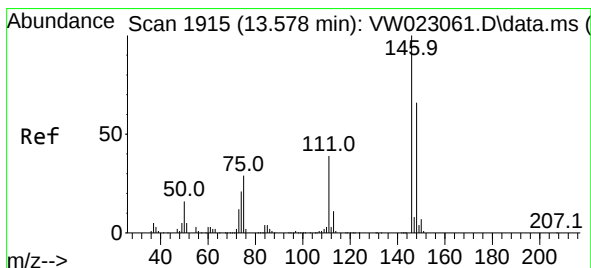
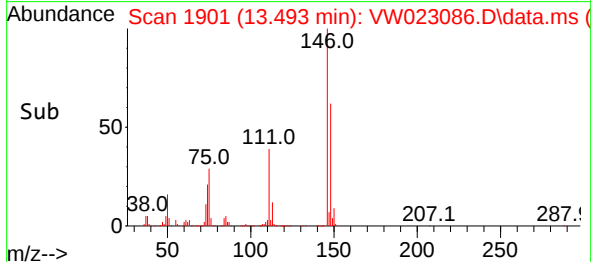
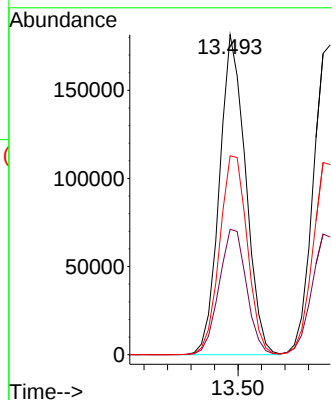
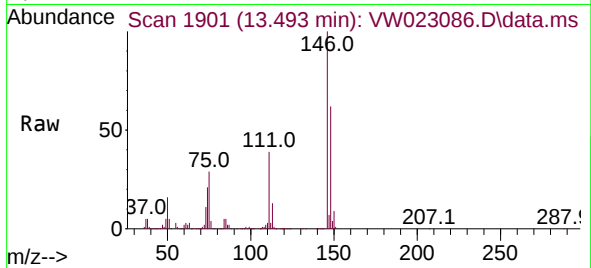




#64
1,3-Dichlorobenzene
Concen: 25.752 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

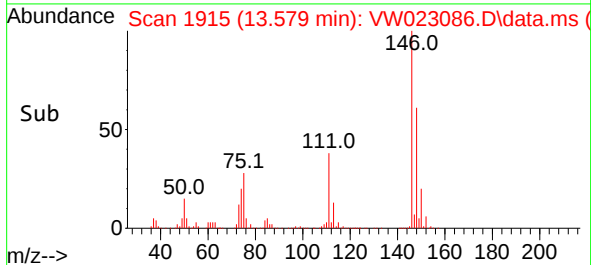
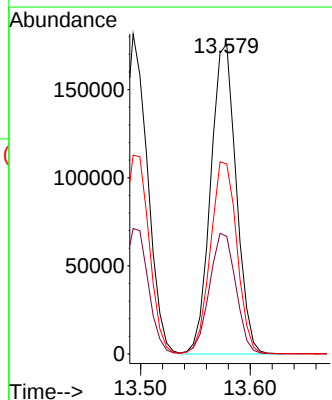
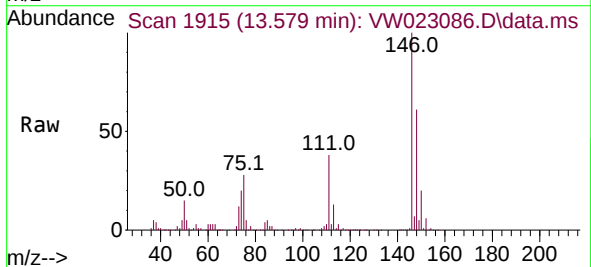
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

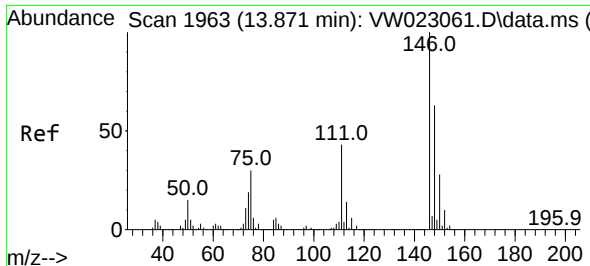
Tgt Ion:146 Resp: 280995
Ion Ratio Lower Upper
146 100
111 39.2 29.5 54.9
148 62.1 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 25.302 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023086.D
Acq: 17 May 2022 08:46

Tgt Ion:146 Resp: 285169
Ion Ratio Lower Upper
146 100
111 38.0 27.2 50.4
148 61.3 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 25.294 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW023086.D

Acq: 17 May 2022 08:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

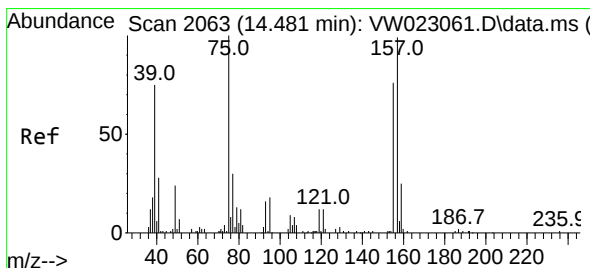
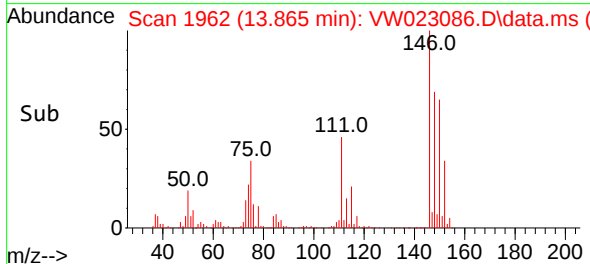
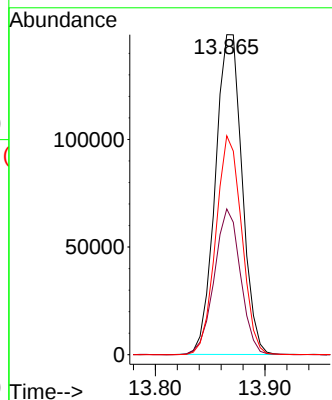
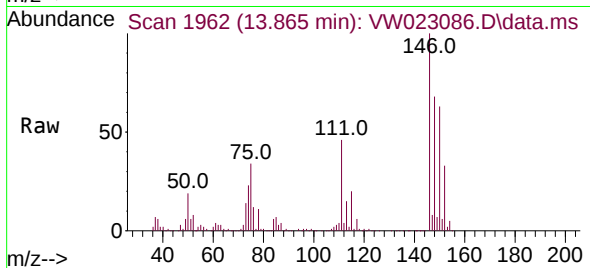
Tgt Ion:146 Resp: 252559

Ion Ratio Lower Upper

146 100

111 45.5 35.7 53.5

148 68.4 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 21.351 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023086.D

Acq: 17 May 2022 08:46

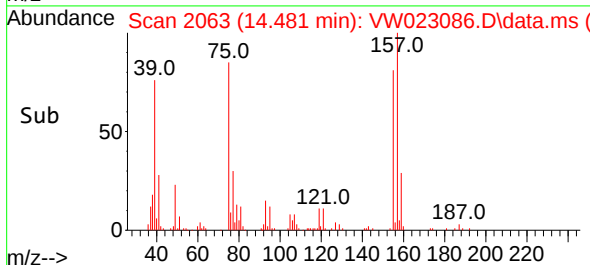
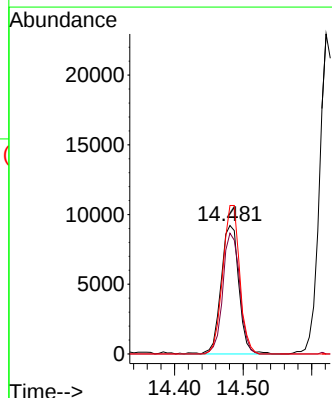
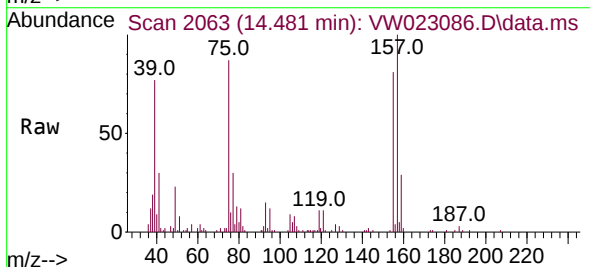
Tgt Ion: 75 Resp: 16633

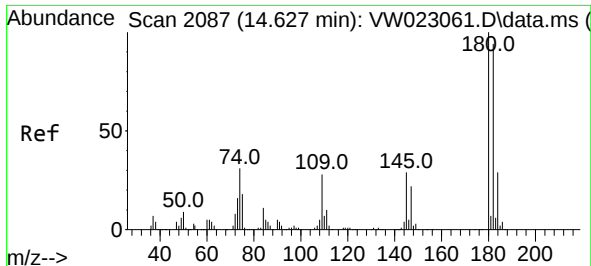
Ion Ratio Lower Upper

75 100

155 94.0 59.3 88.9#

157 115.6 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 26.858 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW023086.D

Acq: 17 May 2022 08:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

Tgt Ion:180 Resp: 194529

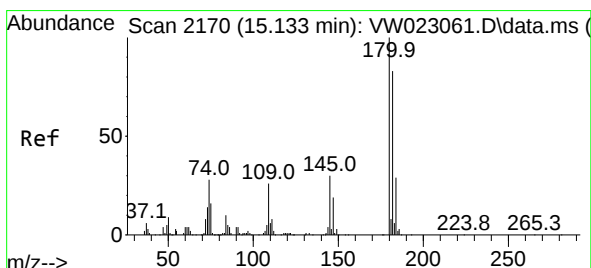
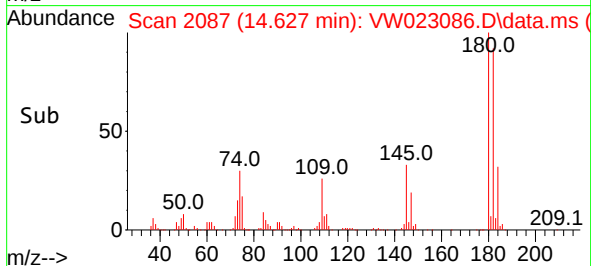
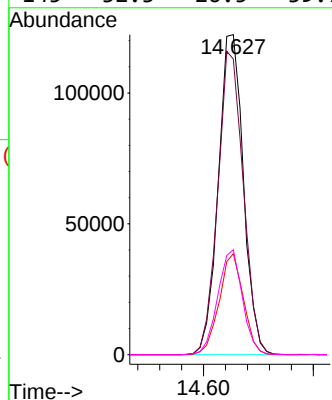
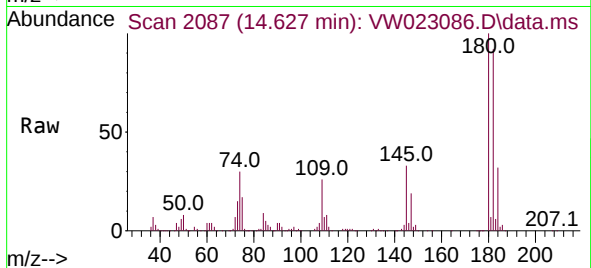
Ion Ratio Lower Upper

180 100

182 96.3 74.8 112.2

184 30.5 23.4 35.2

145 32.3 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 27.164 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VW023086.D

Acq: 17 May 2022 08:46

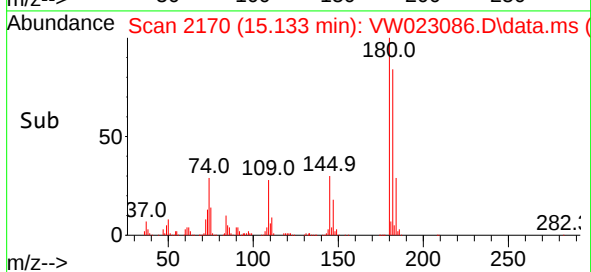
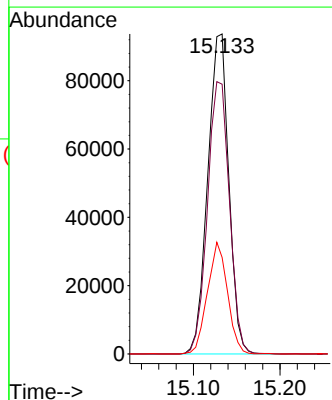
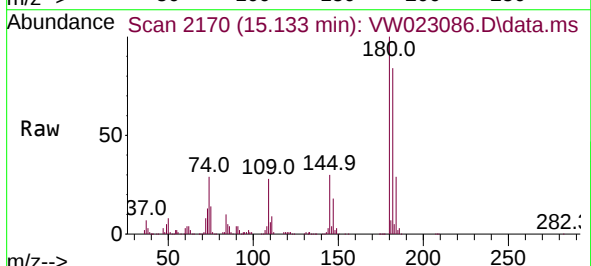
Tgt Ion:180 Resp: 158266

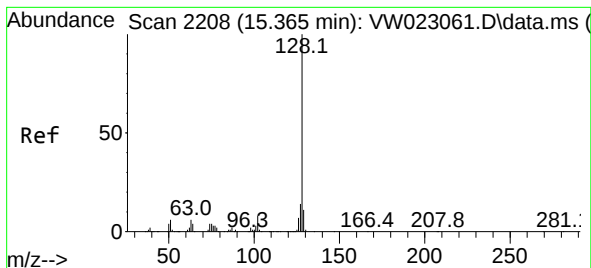
Ion Ratio Lower Upper

180 100

182 88.7 74.9 112.3

145 33.2 26.6 39.8





#71

Naphthalene

Concen: 25.488 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW023086.D

Acq: 17 May 2022 08:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

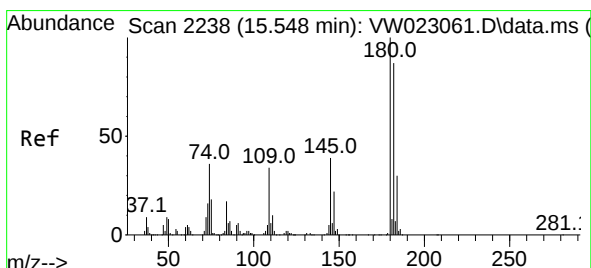
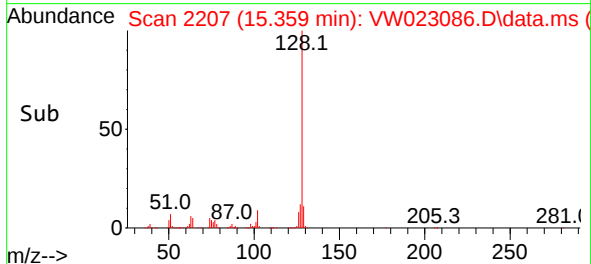
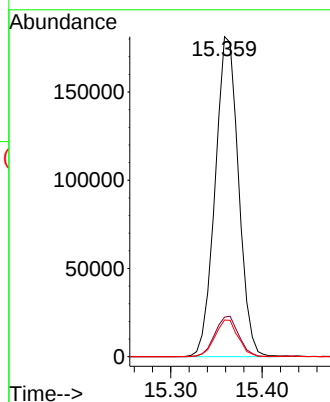
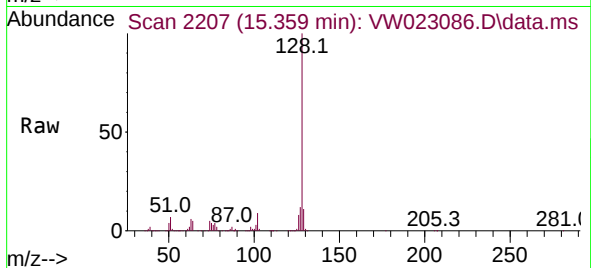
Tgt Ion:128 Resp: 322755

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.4 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 25.791 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW023086.D

Acq: 17 May 2022 08:46

Tgt Ion:180 Resp: 133182

Ion Ratio Lower Upper

180 100

182 95.5 73.5 110.3

145 35.6 27.9 41.9

