

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023184.D
 Acq On : 19 May 2022 20:09
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025542

Quant Time: May 20 01:54:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	386905	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	378794	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	225329	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	152832	19.253	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.000%
7) Chloroethane-d5	2.879	69	118574	22.961	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.840%
11) 1,1-Dichloroethene-d2	4.019	63	211928	20.662	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.640%
21) 2-Butanone-d5	7.086	46	81142	53.763	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.520%
24) Chloroform-d	7.647	84	293642	25.905	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	8.305	65	157978	25.411	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.640%
32) Benzene-d6	8.275	84	558971	25.602	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	9.274	67	166021	27.070	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.280%
41) Toluene-d8	10.323	98	541212	25.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.640%
43) trans-1,3-Dichloroprop...	10.579	79	67728	23.984	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.920%
47) 2-Hexanone-d5	10.920	63	65769	56.175	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.340%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	160158	28.017	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	212601	26.991	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	88186	41.811	ug/L	96
3) Chloromethane	2.209	50	115523	28.344	ug/L	100
5) Vinyl chloride	2.355	62	144997	17.727	ug/L	98
6) Bromomethane	2.769	94	109681	20.885	ug/L	89
8) Chloroethane	2.916	64	82125	20.817	ug/L	98
9) Trichlorofluoromethane	3.257	101	94094	25.169	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	127358	22.783	ug/L	94
12) 1,1-Dichloroethene	4.037	96	102645	20.714	ug/L	88
13) Acetone	4.129	43	39956	35.361	ug/L	98
14) Carbon disulfide	4.379	76	169998	12.513	ug/L	98
15) Methyl Acetate	4.672	43	51736	22.790	ug/L	98
16) Methylene chloride	4.915	84	130558	23.061	ug/L	96
17) trans-1,2-Dichloroethene	5.427	96	116420	20.877	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	219970	25.840	ug/L	99
19) 1,1-Dichloroethane	6.214	63	220932	23.376	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	144393	24.107	ug/L #	96
22) 2-Butanone	7.171	43	65385	41.377	ug/L	97
23) Bromochloromethane	7.512	128	65247	23.260	ug/L	93
25) Chloroform	7.677	83	256853	24.577	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023184.D
 Acq On : 19 May 2022 20:09
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025542

Quant Time: May 20 01:54:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

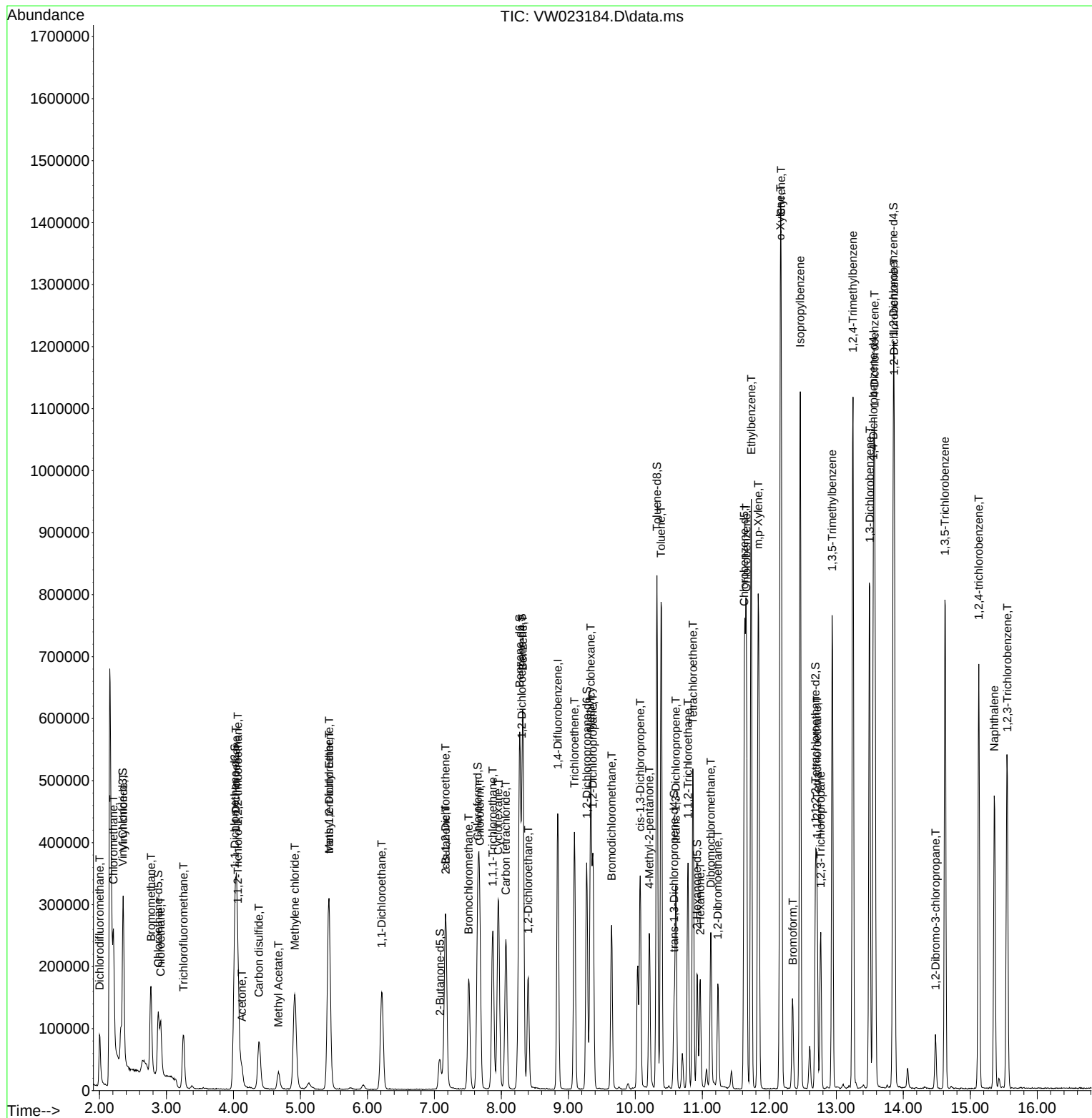
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	158537	22.757	ug/L	96
29) Cyclohexane	7.951	56	165258	20.173	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	206377	23.055	ug/L	99
31) Carbon tetrachloride	8.067	117	181401	21.663	ug/L	100
33) Benzene	8.323	78	514941	23.076	ug/L	100
34) Trichloroethene	9.091	95	139953	22.805	ug/L	98
35) Methylcyclohexane	9.335	83	209621	20.792	ug/L	99
37) 1,2-Dichloropropane	9.366	63	129385	23.960	ug/L	98
38) Bromodichloromethane	9.646	83	171081	22.305	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	196346	23.449	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	157735	46.342	ug/L	97
42) Toluene	10.384	91	590887	23.628	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	173952	23.275	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	114036	25.261	ug/L	97
46) Tetrachloroethene	10.859	164	113355	24.579	ug/L	91
48) 2-Hexanone	10.969	43	105579	46.425	ug/L	99
49) Dibromochloromethane	11.128	129	128731	23.693	ug/L	97
50) 1,2-Dibromoethane	11.231	107	106342	23.460	ug/L	99
51) Chlorobenzene	11.658	112	410498	24.898	ug/L	98
52) Ethylbenzene	11.731	91	674647	24.249	ug/L	99
53) m,p-Xylene	11.835	106	266868	24.344	ug/L	100
54) o-Xylene	12.164	106	257847	24.511	ug/L	98
55) Styrene	12.176	104	460039	25.735	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	138712	24.601	ug/L	95
59) Bromoform	12.353	173	64994	20.353	ug/L	99
60) Isopropylbenzene	12.463	105	727048	23.553	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	97607	21.679	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	402291	23.425	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	616820	23.920	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	346946	25.174	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	340583	23.925	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	321507	25.493	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	18661	18.965	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.621	180	247094	27.009	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	203749	27.687	ug/L	100
71) Naphthalene	15.359	128	409314	25.590	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	176425	27.049	ug/L	94

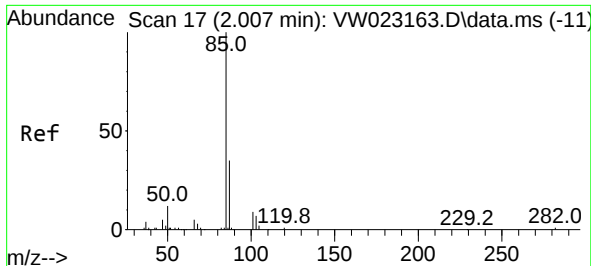
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023184.D
 Acq On : 19 May 2022 20:09
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025542

Quant Time: May 20 01:54:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

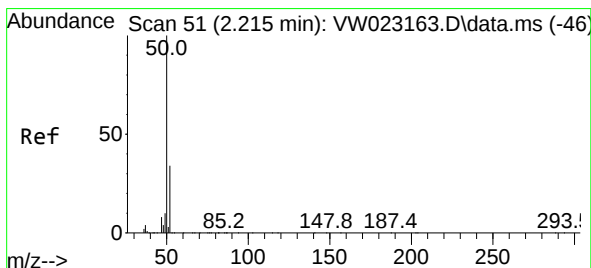
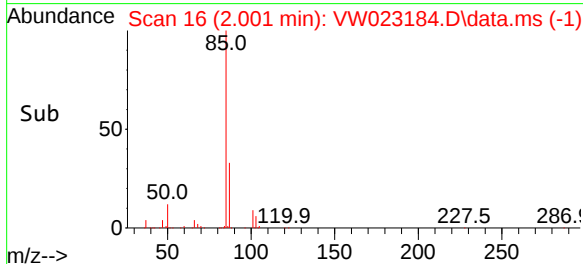
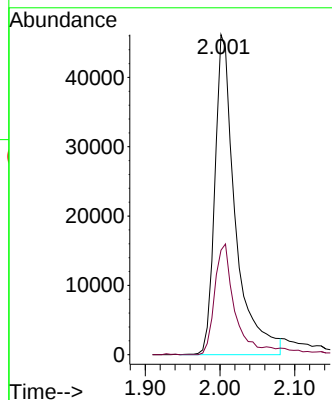
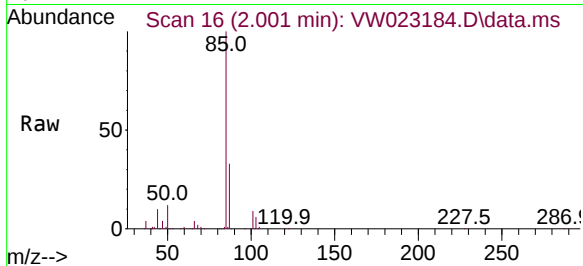




#2
Dichlorodifluoromethane
Concen: 41.811 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

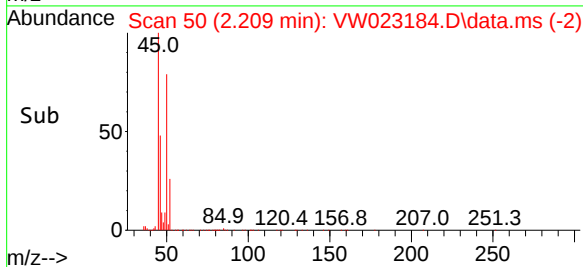
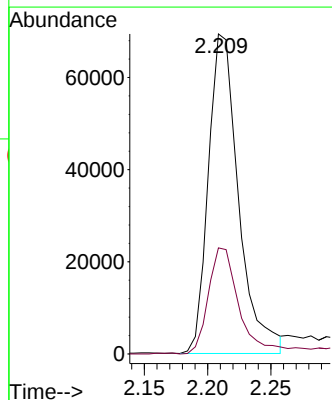
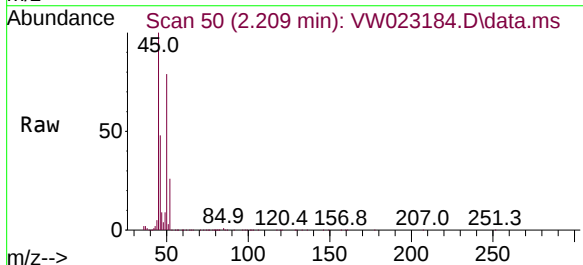
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

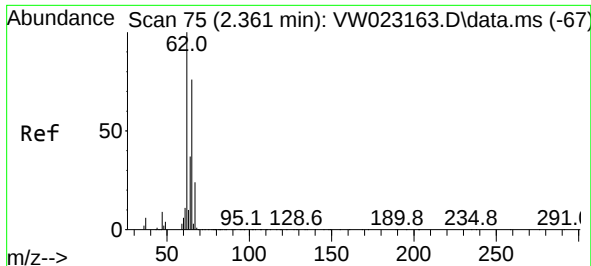
Tgt Ion: 85 Resp: 88186
Ion Ratio Lower Upper
85 100
87 32.7 27.8 41.8



#3
Chloromethane
Concen: 28.344 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

Tgt Ion: 50 Resp: 115523
Ion Ratio Lower Upper
50 100
52 33.2 23.1 42.9

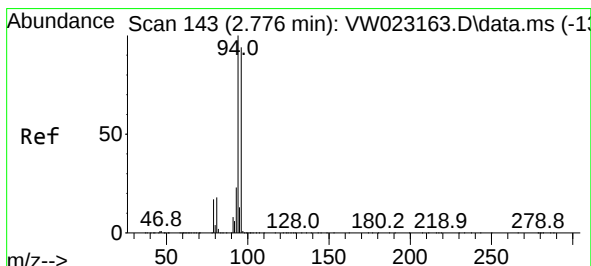
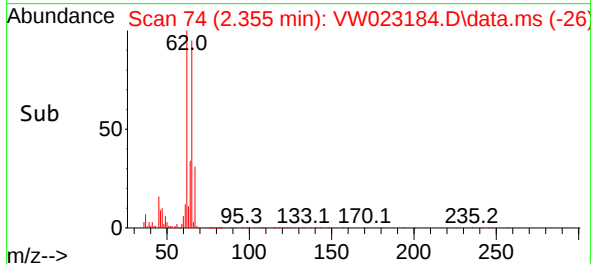
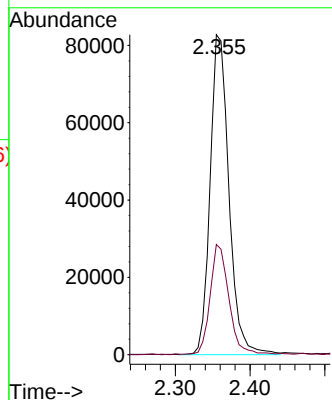
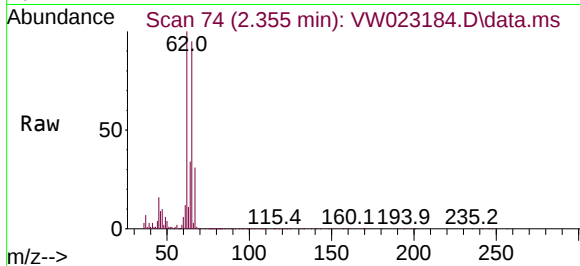




#5
 Vinyl chloride
 Concen: 17.727 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023184.D
 Acq: 19 May 2022 20:09

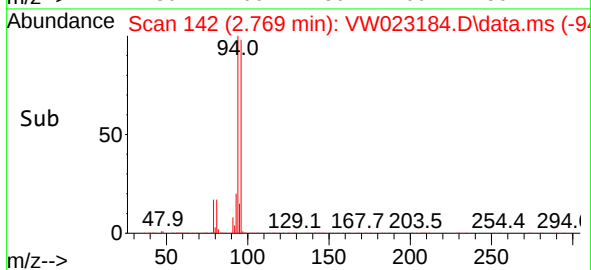
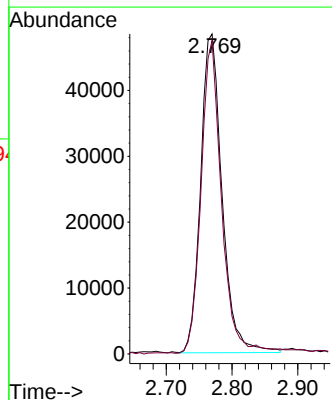
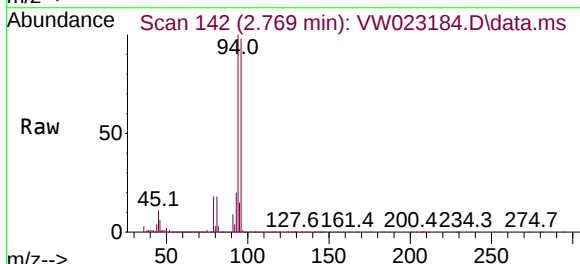
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025542

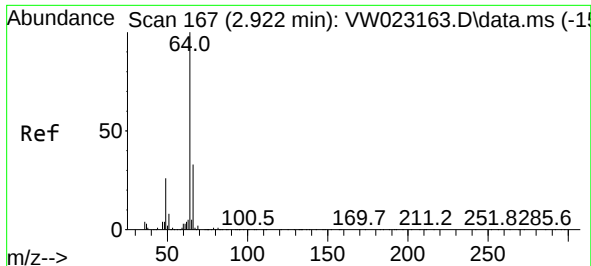
Tgt Ion: 62 Resp: 144997
 Ion Ratio Lower Upper
 62 100
 64 34.5 24.9 46.3



#6
 Bromomethane
 Concen: 20.885 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW023184.D
 Acq: 19 May 2022 20:09

Tgt Ion: 94 Resp: 109681
 Ion Ratio Lower Upper
 94 100
 96 97.9 61.7 114.5

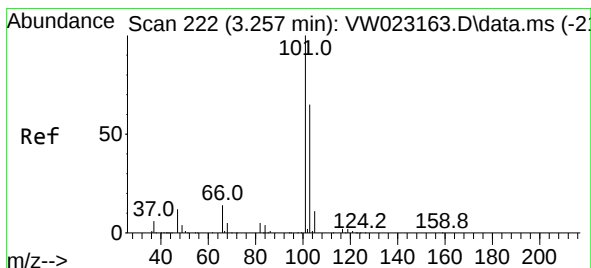
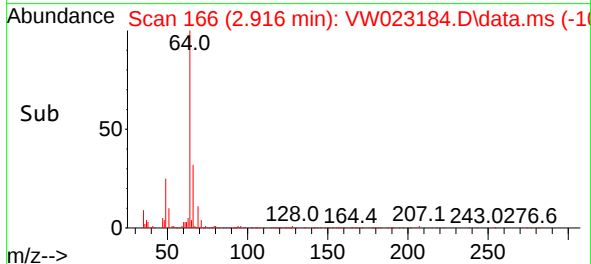
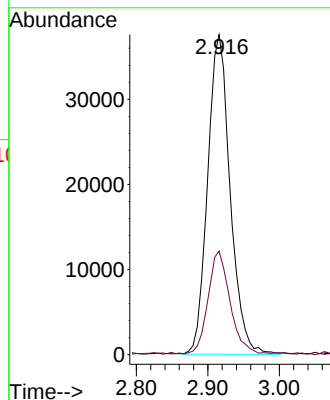
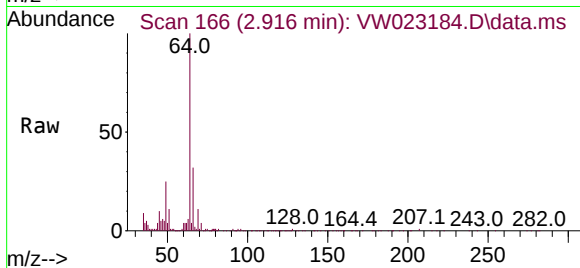




#8
Chloroethane
Concen: 20.817 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

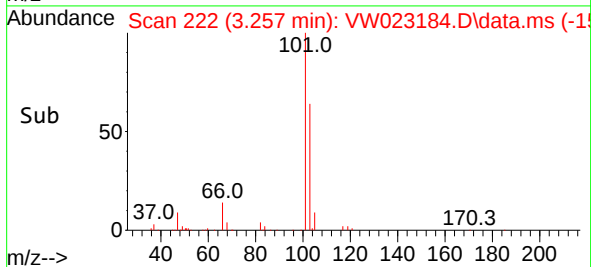
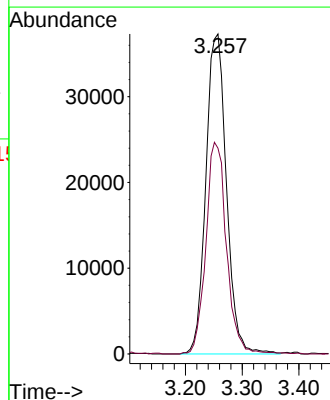
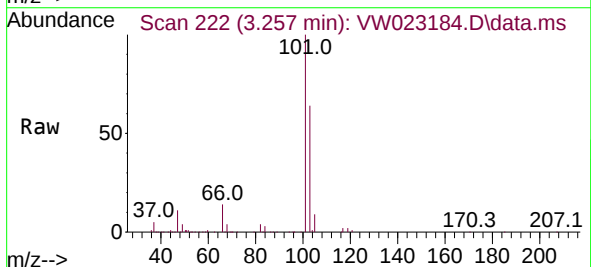
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

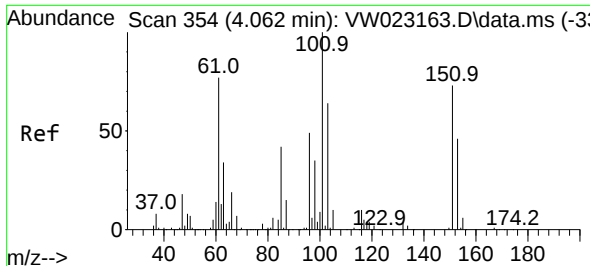
Tgt Ion: 64 Resp: 82125
Ion Ratio Lower Upper
64 100
66 32.3 23.4 43.6



#9
Trichlorofluoromethane
Concen: 25.169 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

Tgt Ion: 101 Resp: 94094
Ion Ratio Lower Upper
101 100
103 66.0 53.9 80.9

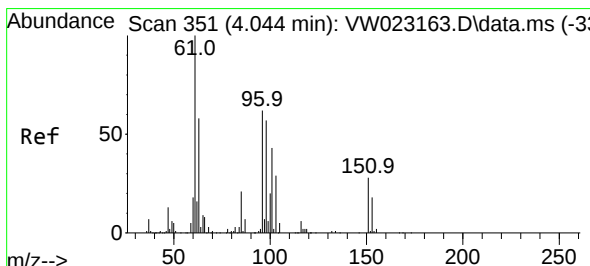
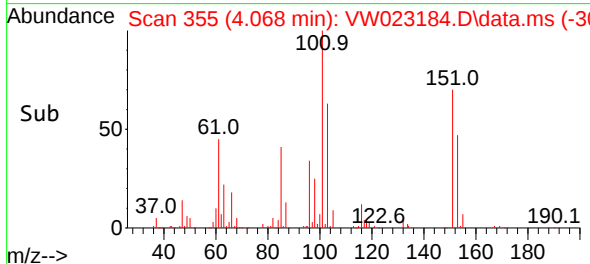
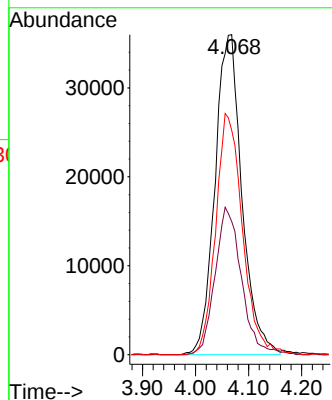
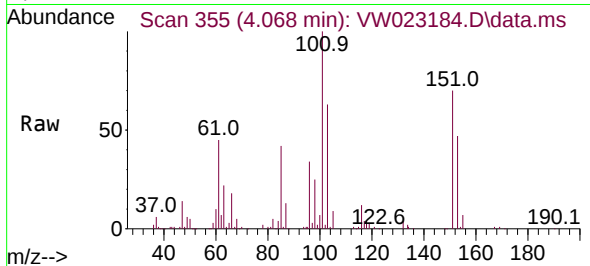




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.783 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW023184.D
 Acq: 19 May 2022 20:09

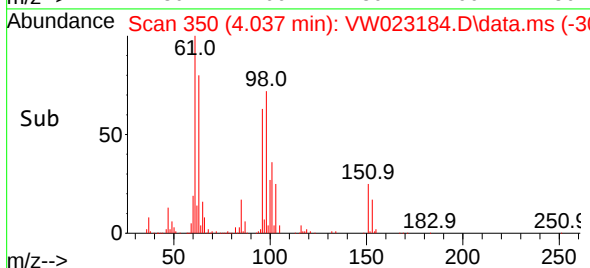
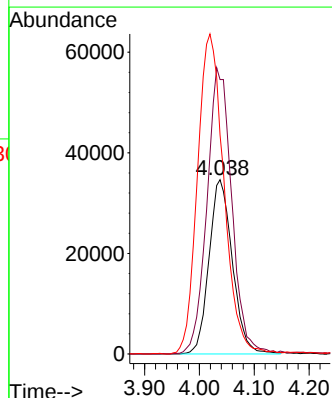
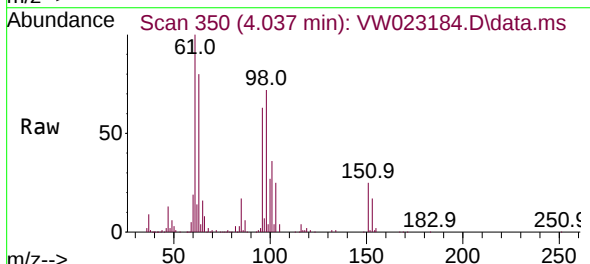
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025542

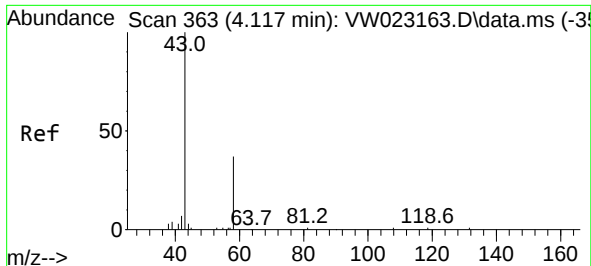
Tgt Ion:101 Resp: 127358
 Ion Ratio Lower Upper
 101 100
 85 44.9 34.3 51.5
 151 74.0 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 20.714 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW023184.D
 Acq: 19 May 2022 20:09

Tgt Ion: 96 Resp: 102645
 Ion Ratio Lower Upper
 96 100
 61 157.5 125.7 233.5
 63 125.7 83.4 155.0





#13

Acetone

Concen: 35.361 ug/L

RT: 4.129 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

Instrument :

MSVOA_W

ClientSampleId :

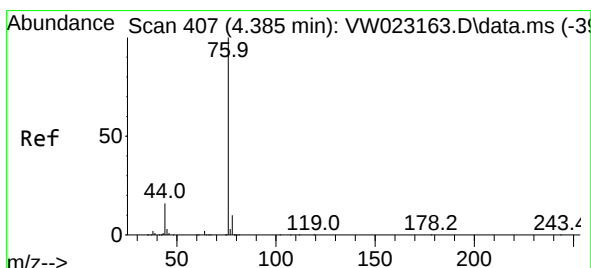
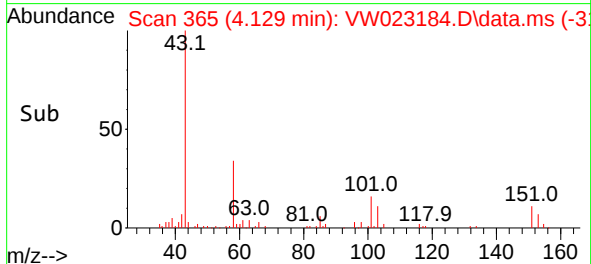
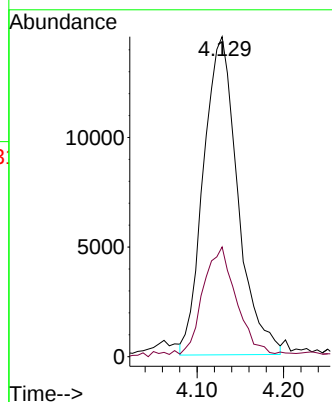
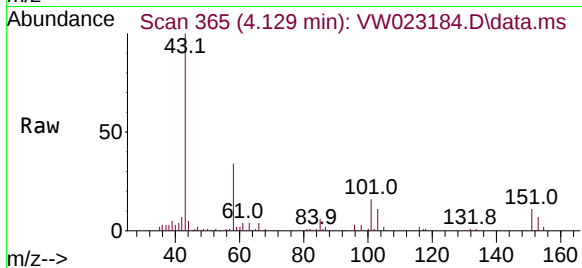
VSTD025542

Tgt Ion: 43 Resp: 39956

Ion Ratio Lower Upper

43 100

58 33.2 0.0 64.0



#14

Carbon disulfide

Concen: 12.513 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW023184.D

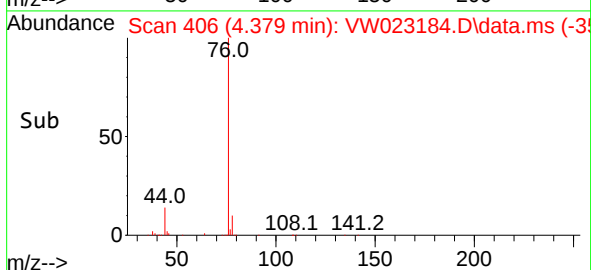
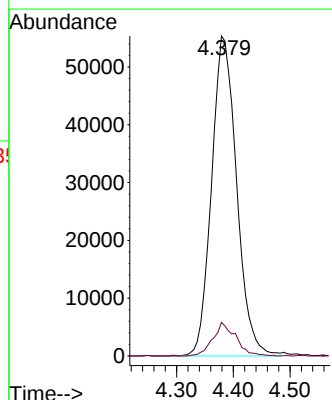
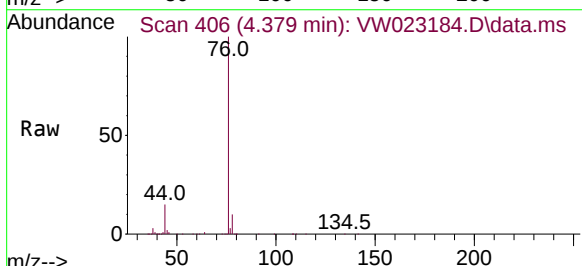
Acq: 19 May 2022 20:09

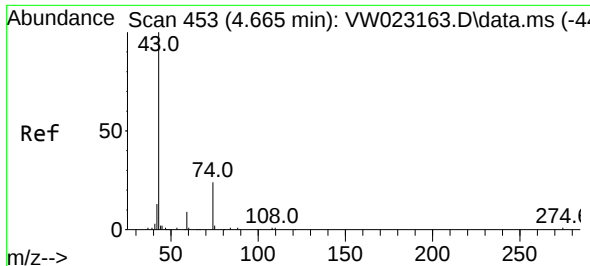
Tgt Ion: 76 Resp: 169998

Ion Ratio Lower Upper

76 100

78 10.5 7.7 11.5

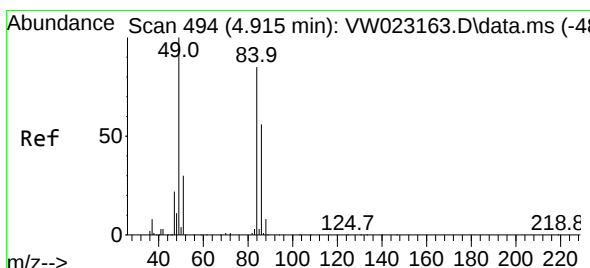
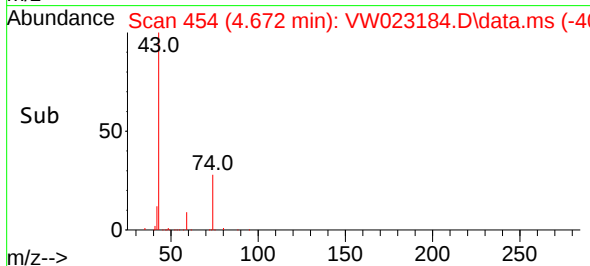
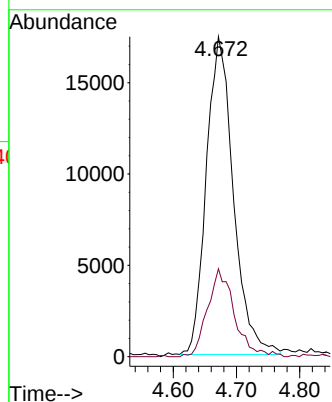
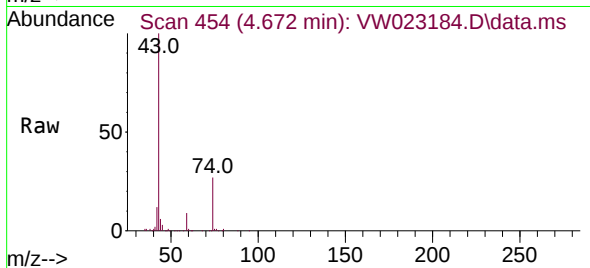




#15
Methyl Acetate
Concen: 22.790 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

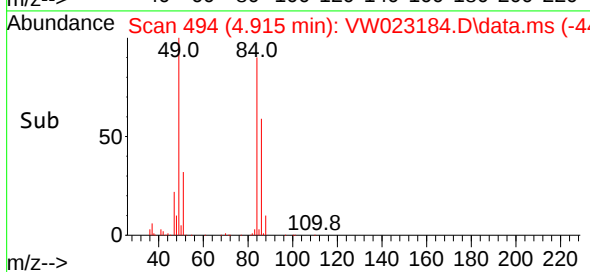
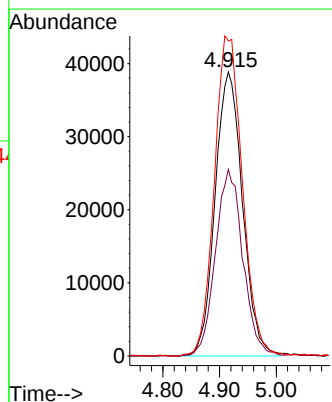
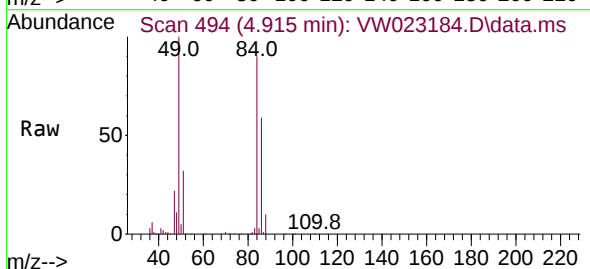
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

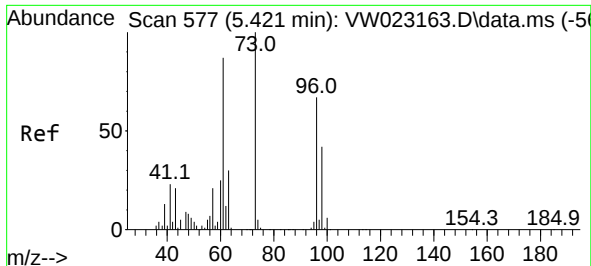
Tgt Ion: 43 Resp: 51736
Ion Ratio Lower Upper
43 100
74 26.3 21.9 32.9



#16
Methylene chloride
Concen: 23.061 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

Tgt Ion: 84 Resp: 130558
Ion Ratio Lower Upper
84 100
86 65.7 45.4 84.4
49 110.9 82.5 153.1

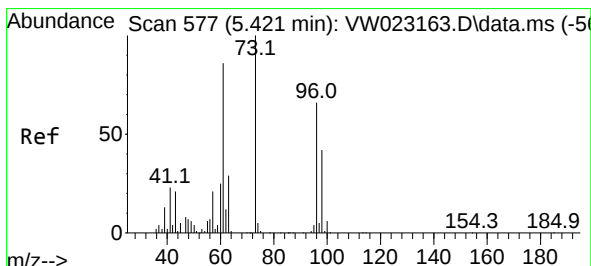
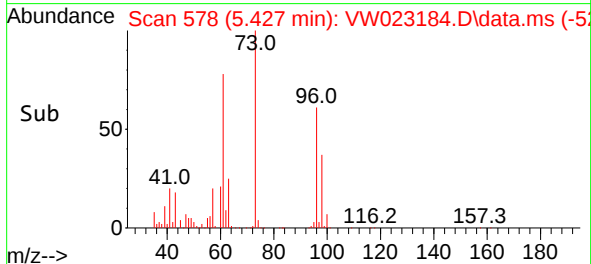
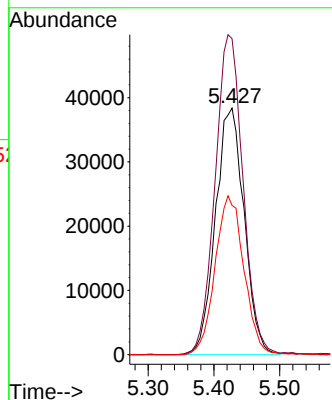
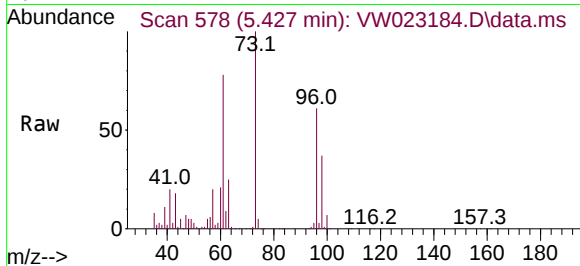




#17
trans-1,2-Dichloroethene
Concen: 20.877 ug/L
RT: 5.427 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

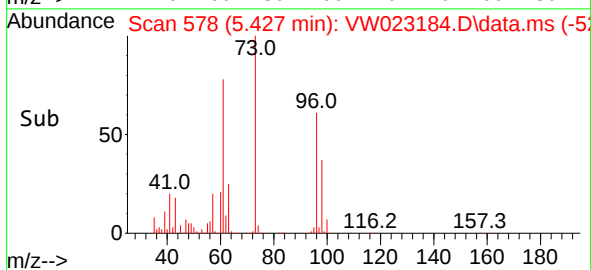
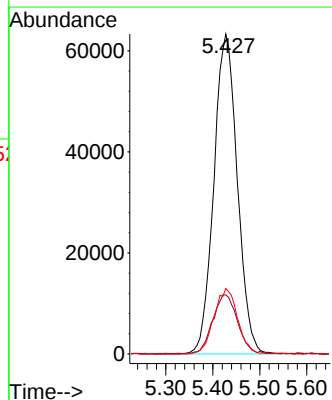
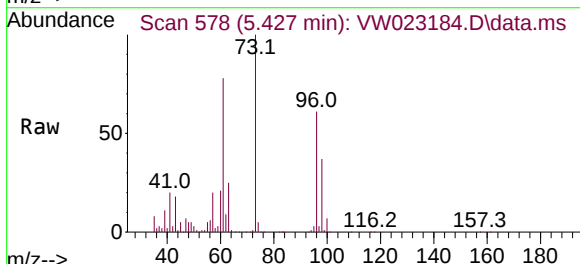
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

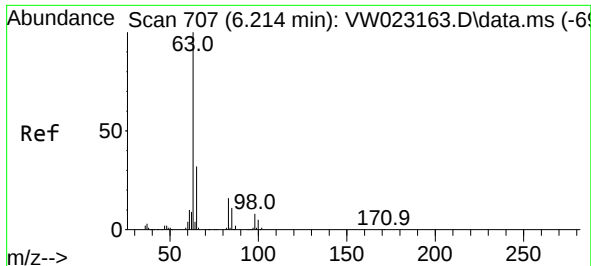
Tgt Ion: 96 Resp: 116420
Ion Ratio Lower Upper
96 100
61 128.2 92.2 171.2
98 60.5 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 25.840 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

Tgt Ion: 73 Resp: 219970
Ion Ratio Lower Upper
73 100
43 19.3 15.9 23.9
57 20.5 16.5 24.7





#19

1,1-Dichloroethane

Concen: 23.376 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

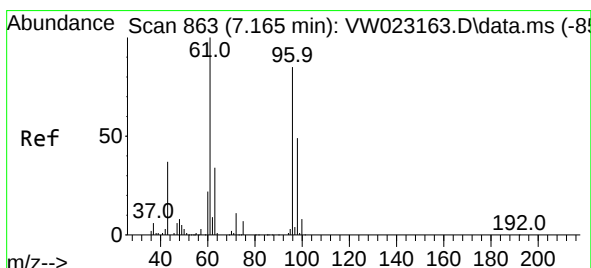
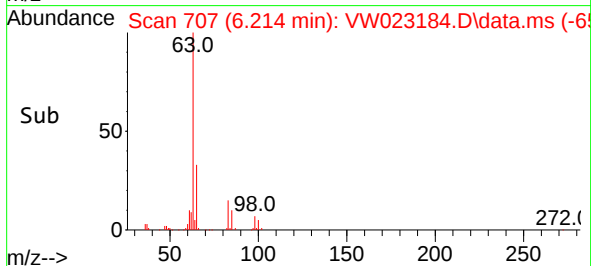
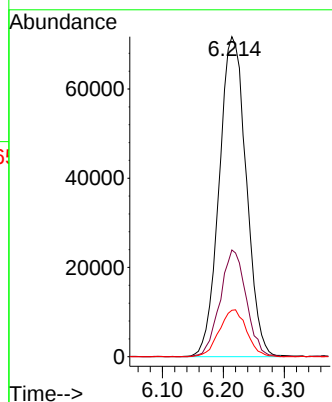
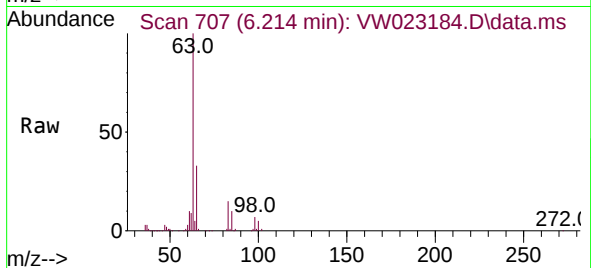
Tgt Ion: 63 Resp: 220932

Ion Ratio Lower Upper

63 100

65 33.3 23.3 43.3

83 14.5 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 24.107 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

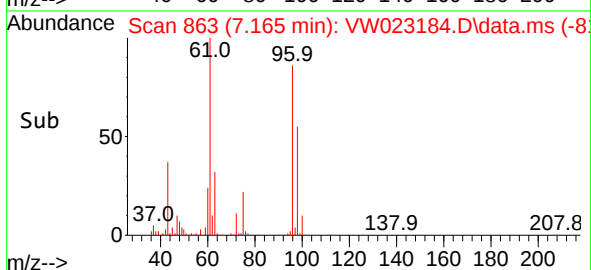
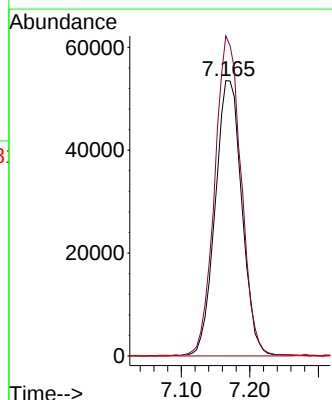
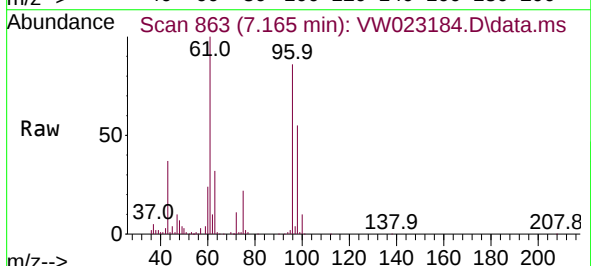
Tgt Ion: 96 Resp: 144393

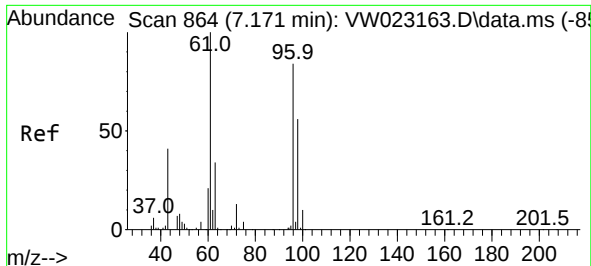
Ion Ratio Lower Upper

96 100

61 116.2 84.2 156.4

68 0.0 0.1 0.1#

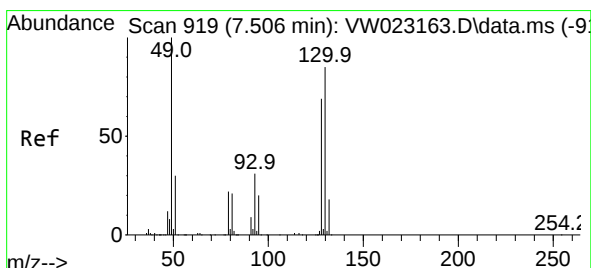
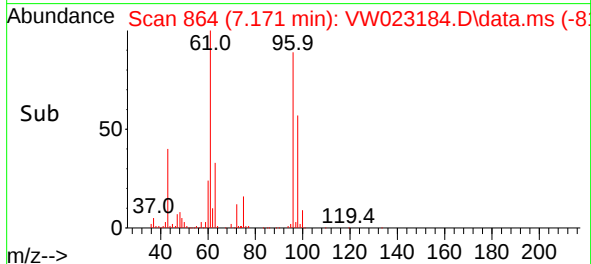
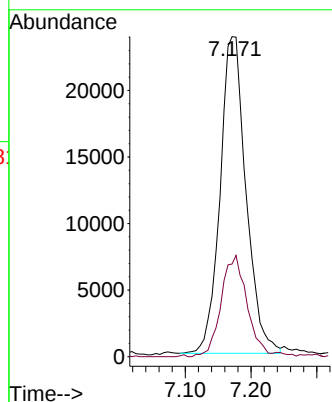
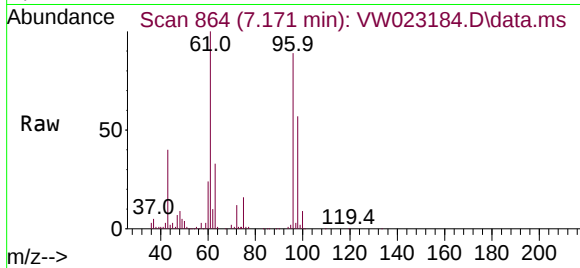




#22
2-Butanone
Concen: 41.377 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

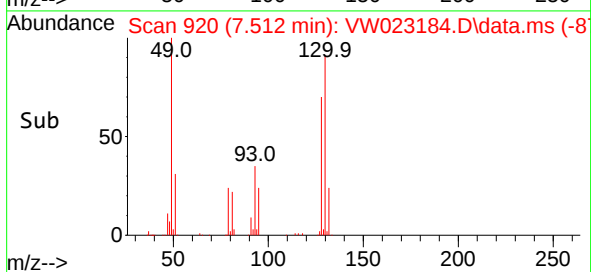
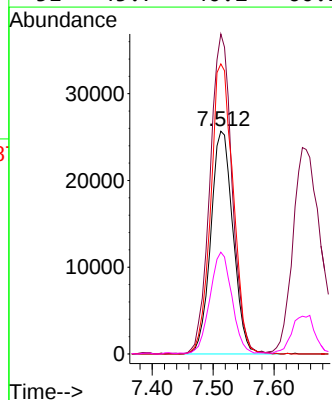
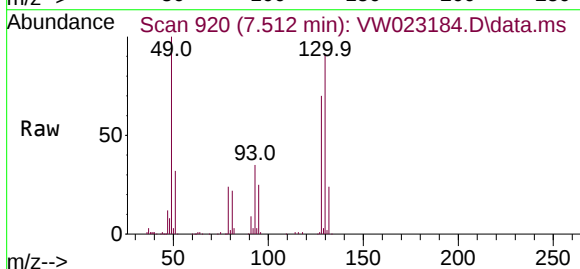
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

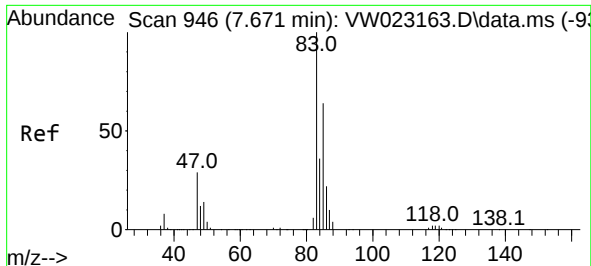
Tgt Ion: 43 Resp: 65385
Ion Ratio Lower Upper
43 100
72 31.7 15.1 45.3



#23
Bromochloromethane
Concen: 23.260 ug/L
RT: 7.512 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

Tgt Ion: 128 Resp: 65247
Ion Ratio Lower Upper
128 100
49 143.7 110.0 204.4
130 130.2 94.8 176.0
51 45.7 40.2 60.2

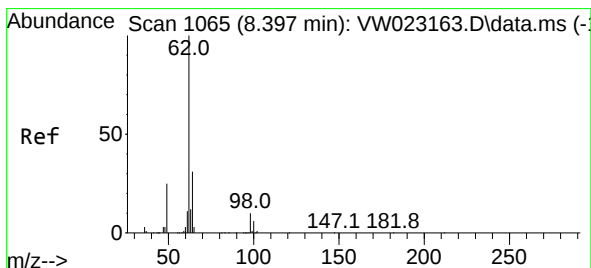
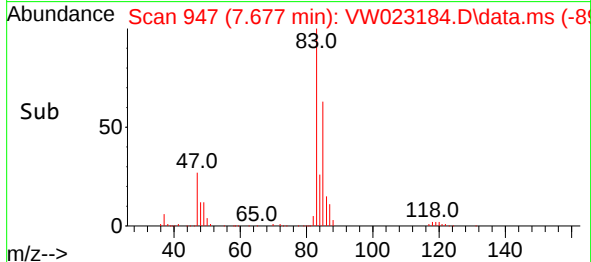
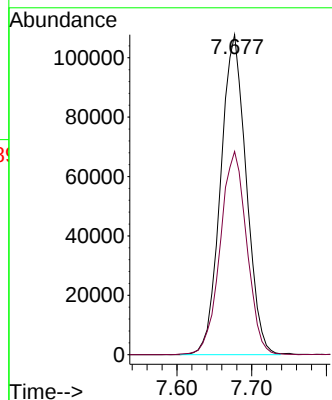
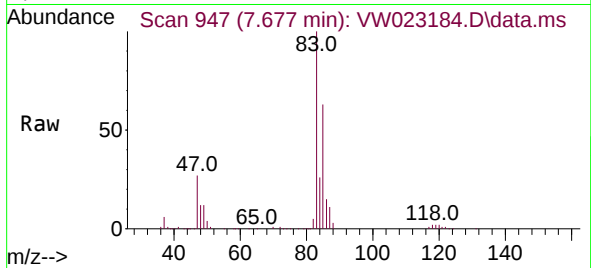




#25
Chloroform
Concen: 24.577 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

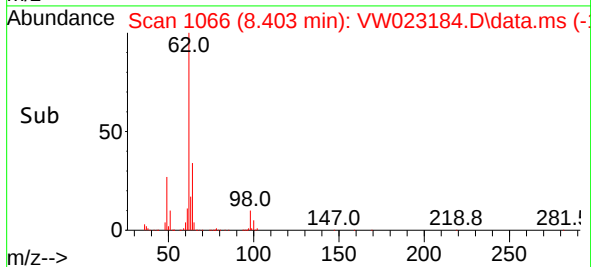
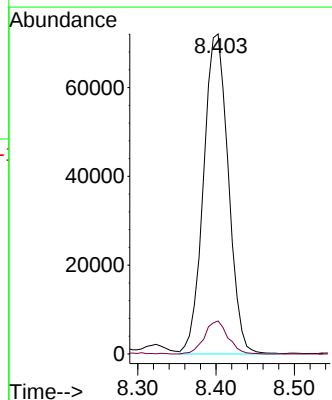
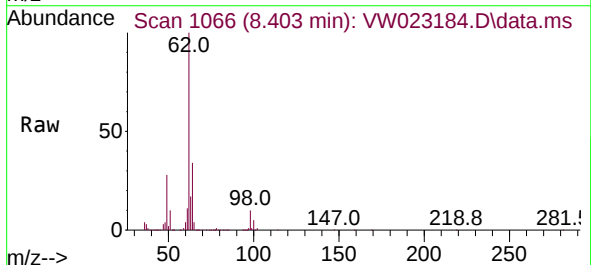
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

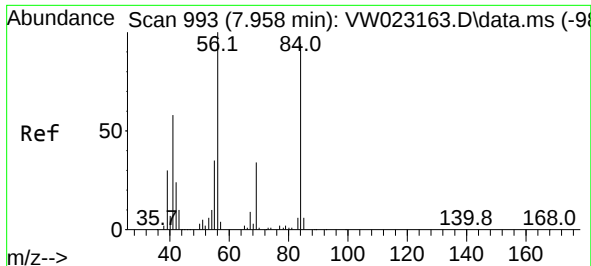
Tgt Ion: 83 Resp: 256853
Ion Ratio Lower Upper
83 100
85 63.5 46.6 86.6



#27
1,2-Dichloroethane
Concen: 22.757 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

Tgt Ion: 62 Resp: 158537
Ion Ratio Lower Upper
62 100
98 10.3 7.2 10.8





#29

Cyclohexane

Concen: 20.173 ug/L

RT: 7.951 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

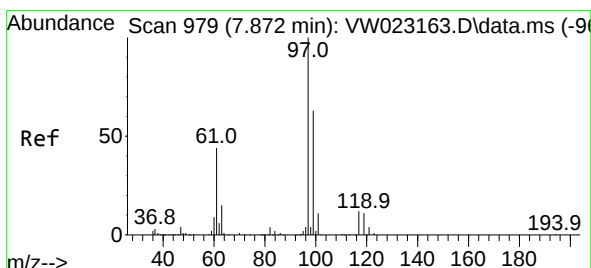
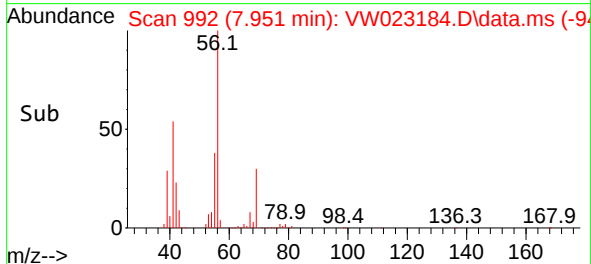
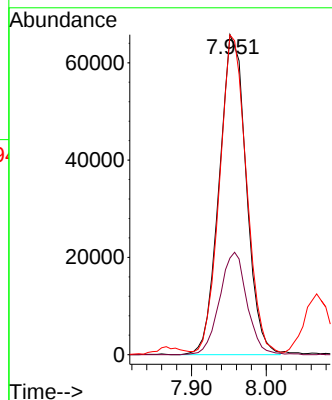
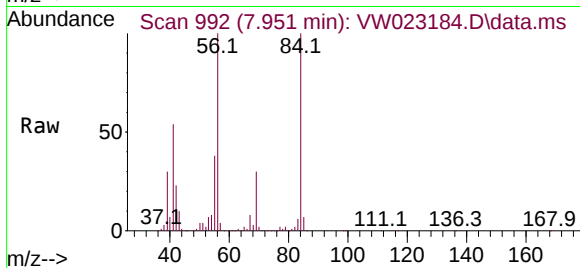
Tgt Ion: 56 Resp: 165258

Ion Ratio Lower Upper

56 100

69 32.3 25.6 38.4

84 99.3 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 23.055 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

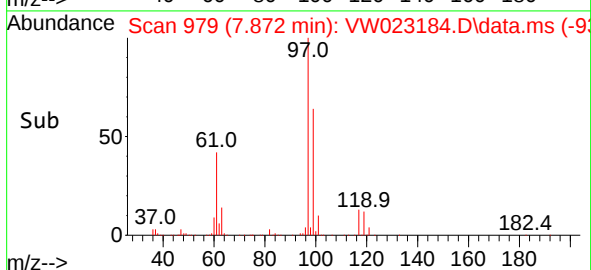
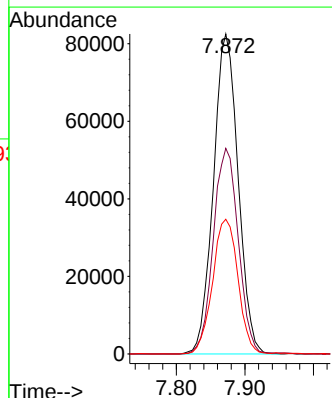
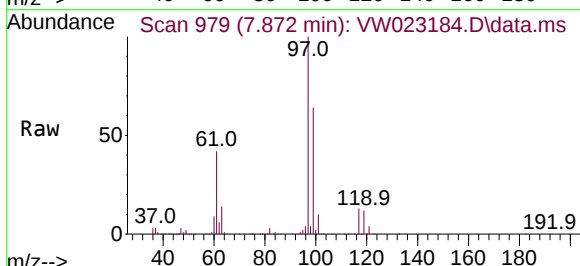
Tgt Ion: 97 Resp: 206377

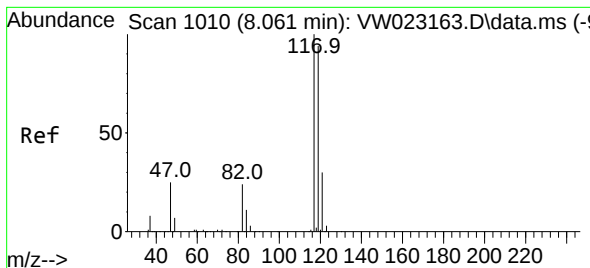
Ion Ratio Lower Upper

97 100

99 65.0 51.0 76.4

61 43.3 34.8 52.2





#31

Carbon tetrachloride

Concen: 21.663 ug/L

RT: 8.067 min Scan# 1010

Delta R.T. 0.006 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

Instrument :

MSVOA_W

ClientSampleId :

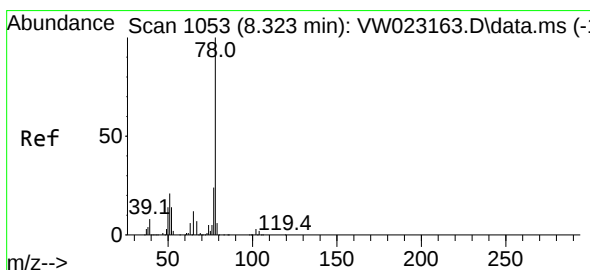
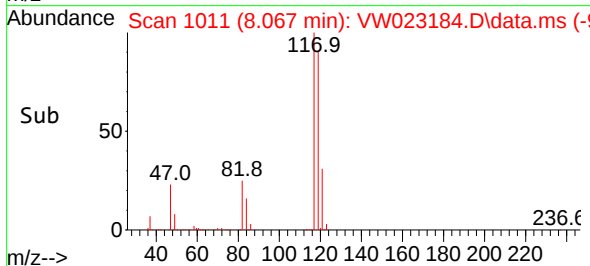
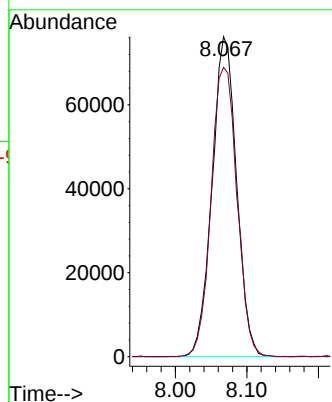
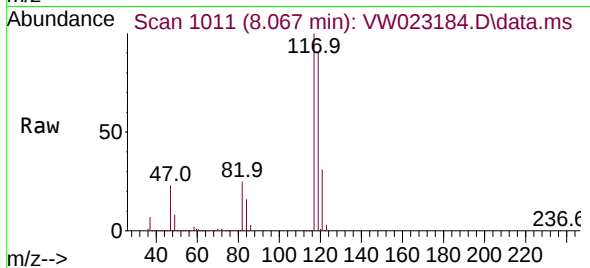
VSTD025542

Tgt Ion:117 Resp: 181401

Ion Ratio Lower Upper

117 100

119 95.7 76.6 115.0



#33

Benzene

Concen: 23.076 ug/L

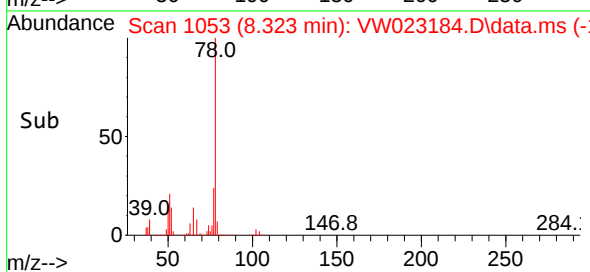
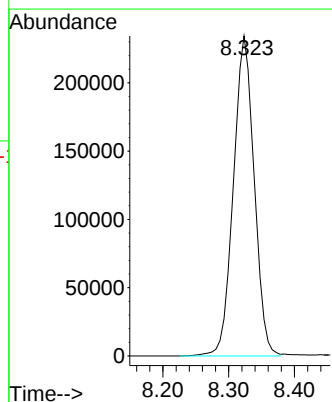
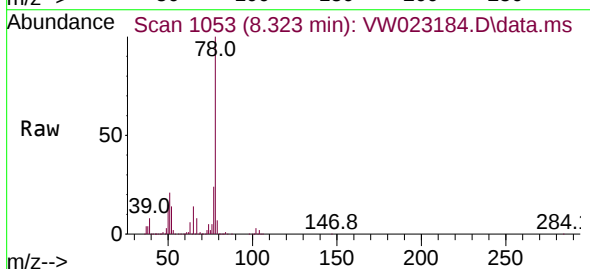
RT: 8.323 min Scan# 1053

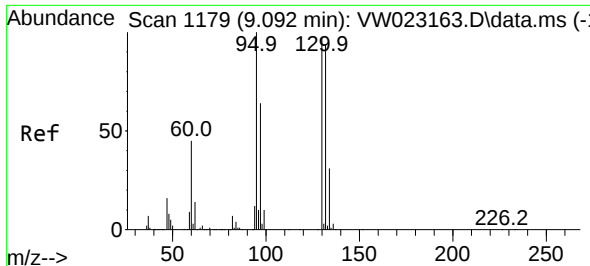
Delta R.T. -0.000 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

Tgt Ion: 78 Resp: 514941

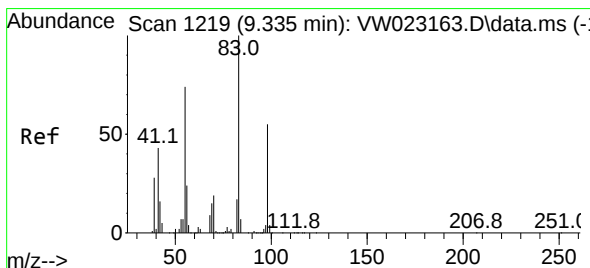
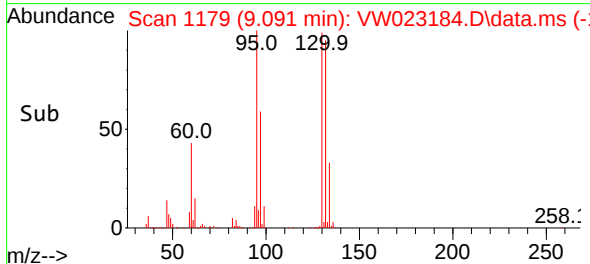
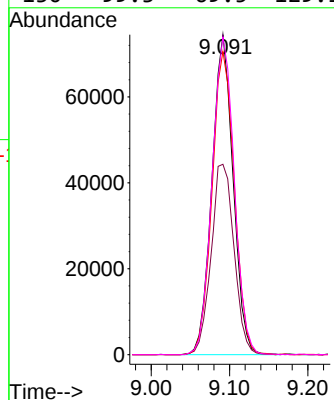
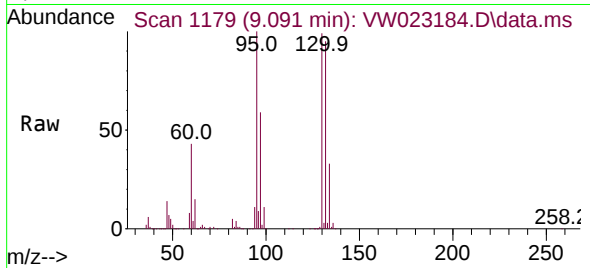




#34
Trichloroethene
Concen: 22.805 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

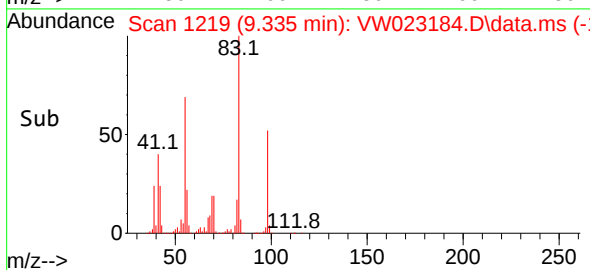
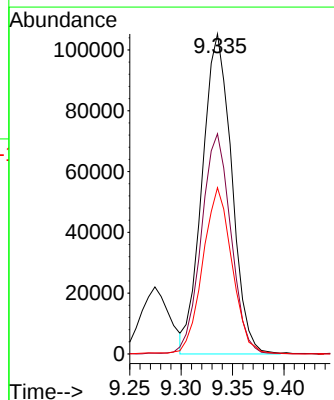
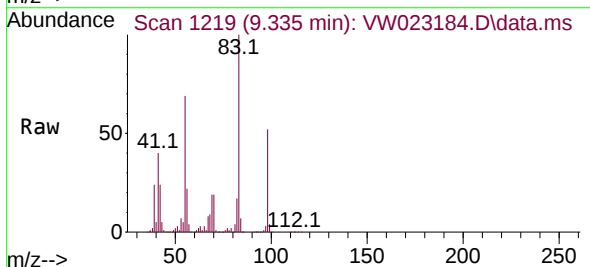
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

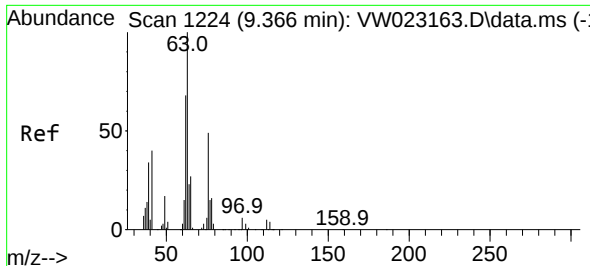
Tgt Ion: 95 Resp: 139953
Ion Ratio Lower Upper
95 100
97 59.5 46.1 85.7
132 94.8 66.9 124.3
130 99.3 69.5 129.1



#35
Methylcyclohexane
Concen: 20.792 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

Tgt Ion: 83 Resp: 209621
Ion Ratio Lower Upper
83 100
55 69.1 55.1 82.7
98 51.8 40.4 60.6





#37

1,2-Dichloropropane

Concen: 23.960 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

Instrument :

MSVOA_W

ClientSampleId :

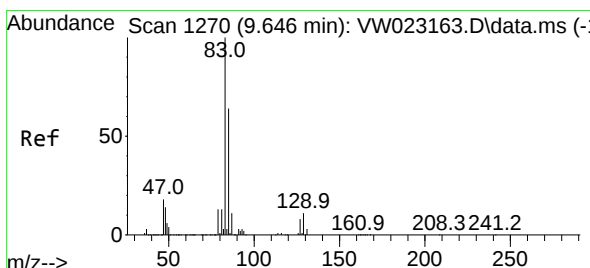
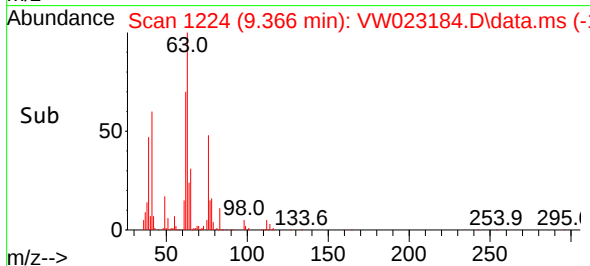
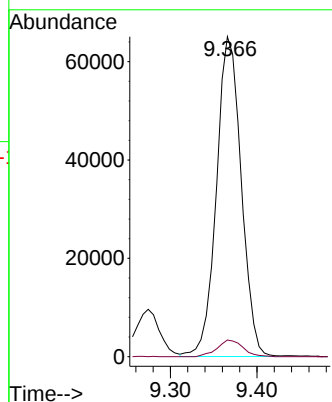
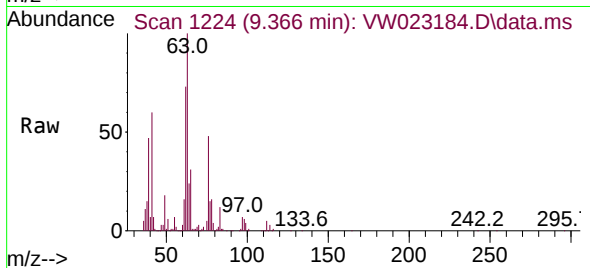
VSTD025542

Tgt Ion: 63 Resp: 129385

Ion Ratio Lower Upper

63 100

112 5.4 3.8 5.8



#38

Bromodichloromethane

Concen: 22.305 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

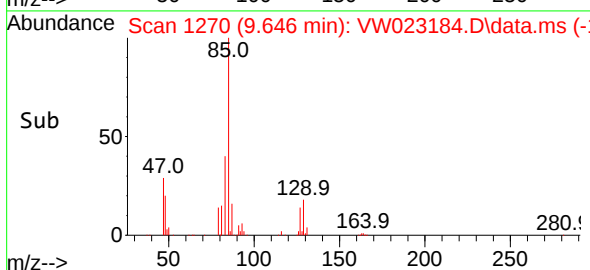
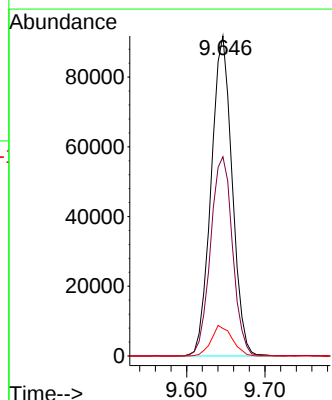
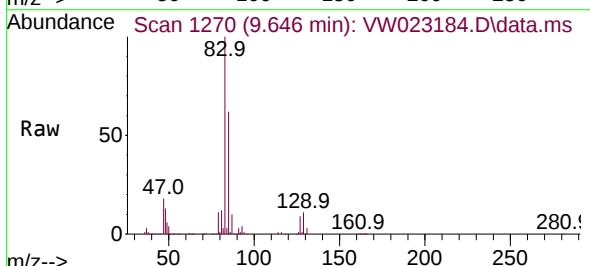
Tgt Ion: 83 Resp: 171081

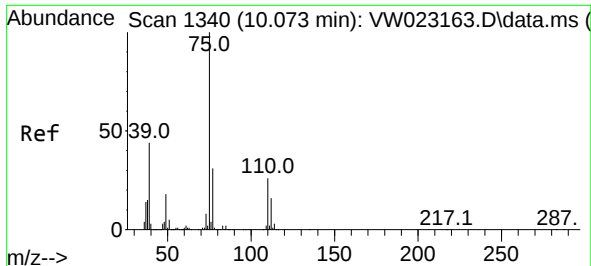
Ion Ratio Lower Upper

83 100

85 62.3 43.5 80.7

127 8.6 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 23.449 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

Instrument :

MSVOA_W

ClientSampleId :

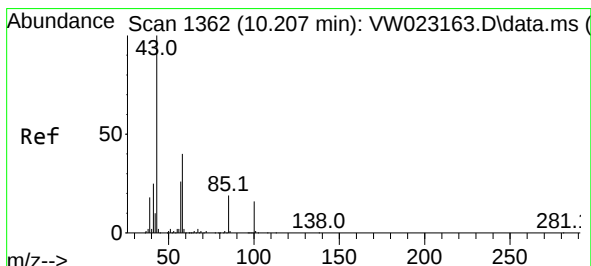
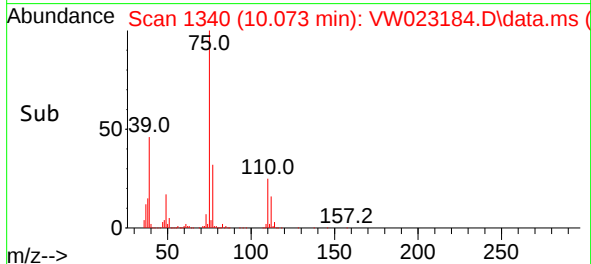
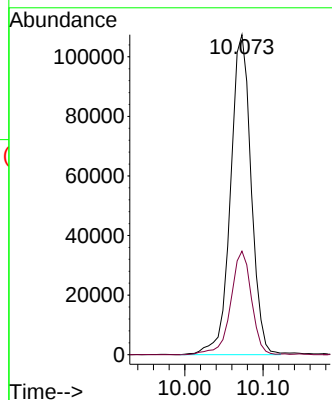
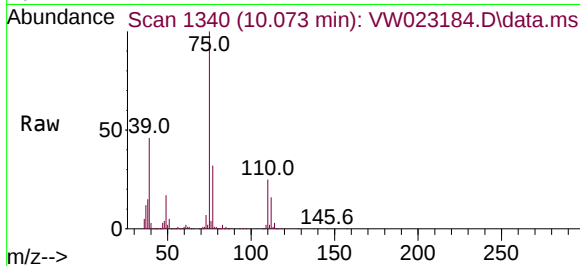
VSTD025542

Tgt Ion: 75 Resp: 196346

Ion Ratio Lower Upper

75 100

77 32.3 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 46.342 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

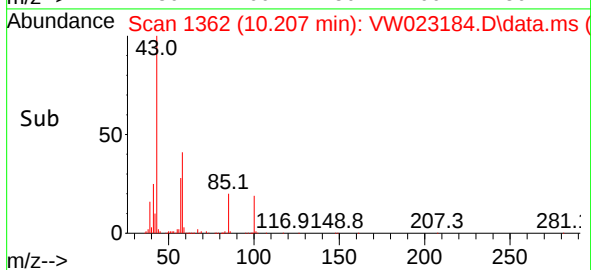
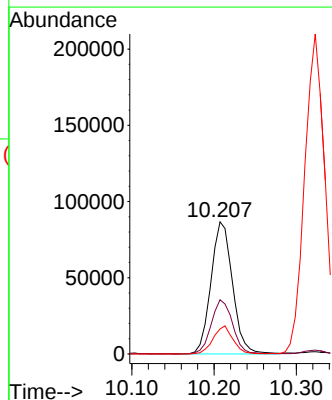
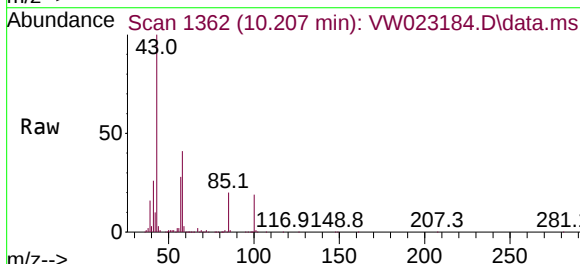
Tgt Ion: 43 Resp: 157735

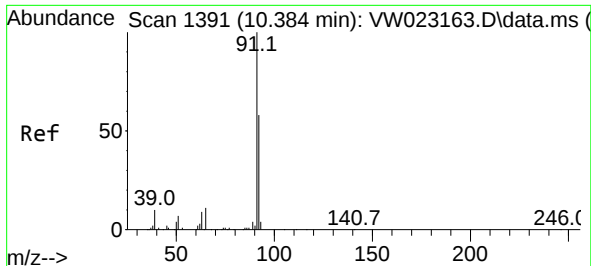
Ion Ratio Lower Upper

43 100

58 40.5 31.4 47.2

100 19.4 14.2 21.4

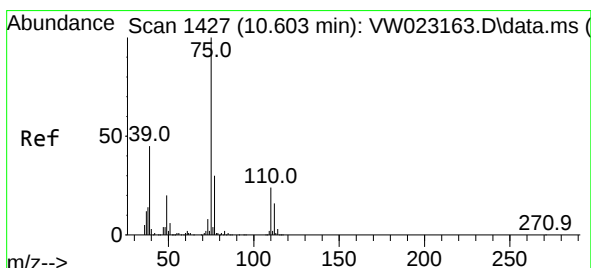
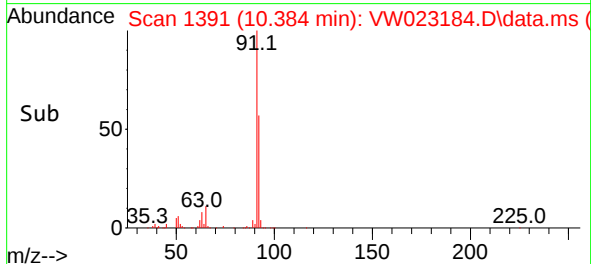
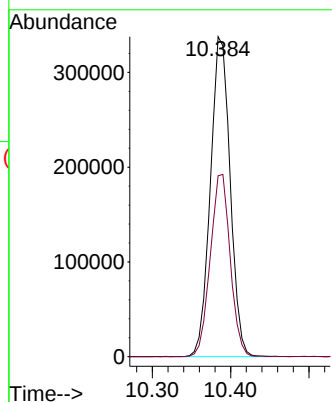
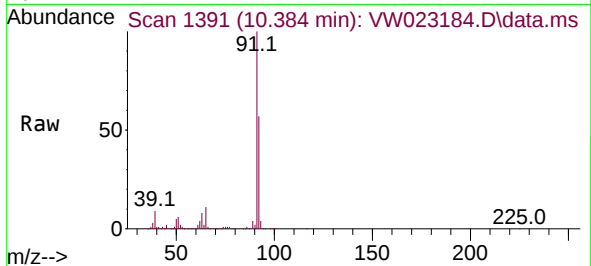




#42
Toluene
Concen: 23.628 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

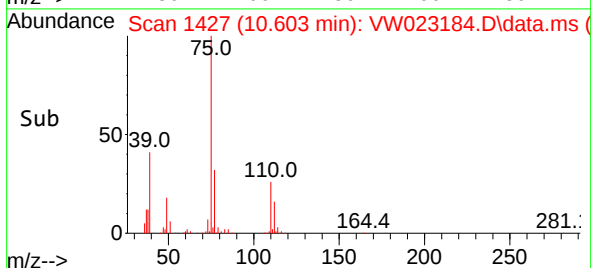
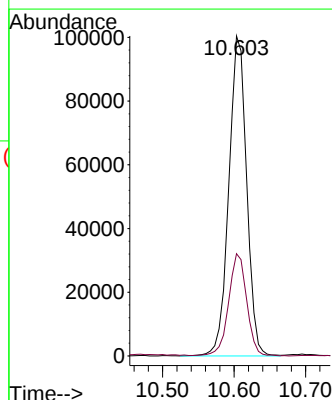
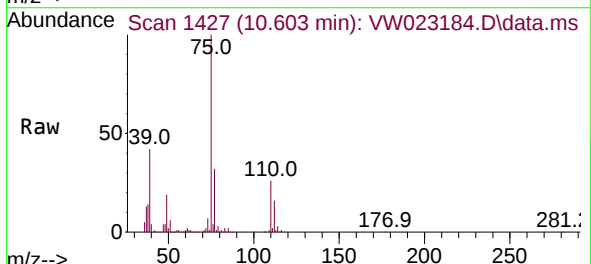
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

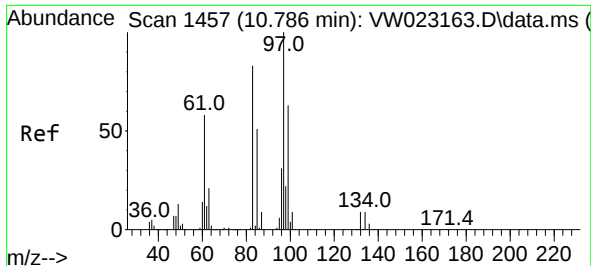
Tgt Ion: 91 Resp: 590887
Ion Ratio Lower Upper
91 100
92 56.6 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 23.275 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

Tgt Ion: 75 Resp: 173952
Ion Ratio Lower Upper
75 100
77 32.0 22.0 40.8

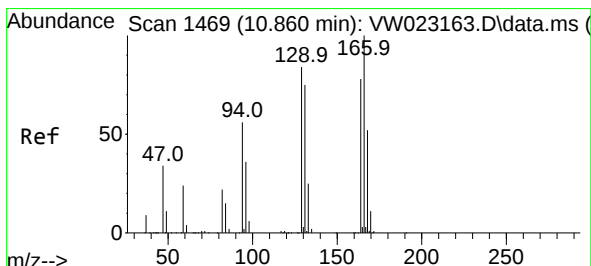
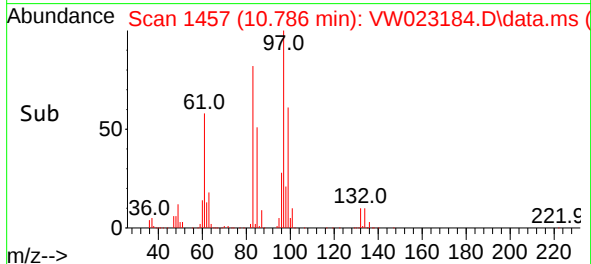
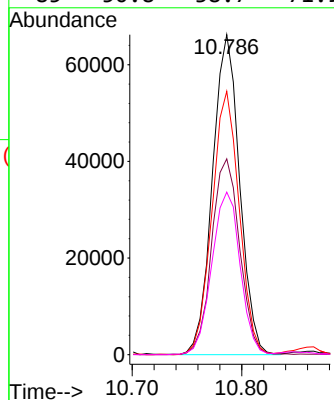
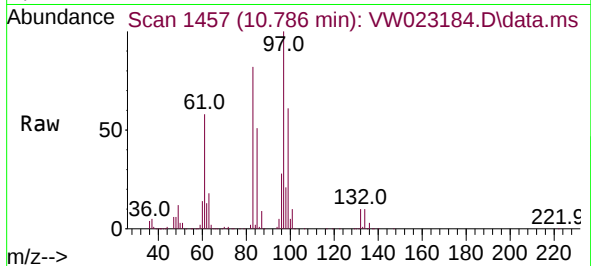




#45
1,1,2-Trichloroethane
Concen: 25.261 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

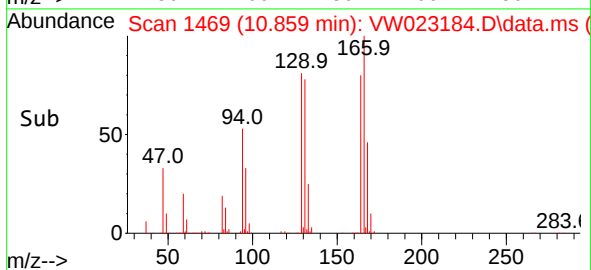
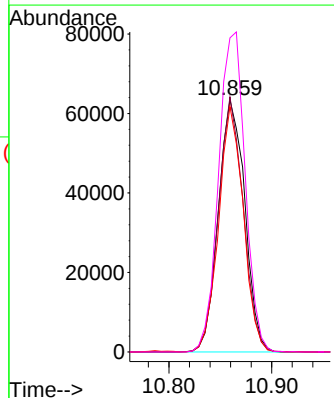
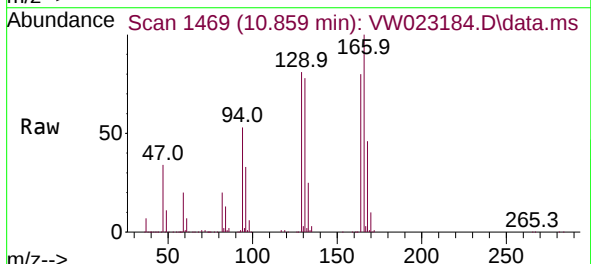
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

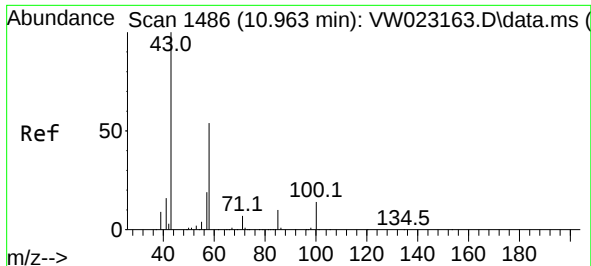
Tgt Ion:	97	Resp:	114036
Ion	Ratio	Lower	Upper
97	100		
99	61.2	44.7	82.9
83	82.3	58.4	108.4
85	50.8	38.7	71.9



#46
Tetrachloroethene
Concen: 24.579 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

Tgt Ion:	164	Resp:	113355
Ion	Ratio	Lower	Upper
164	100		
129	101.1	76.9	142.7
131	97.3	75.1	139.5
166	124.6	96.0	178.2

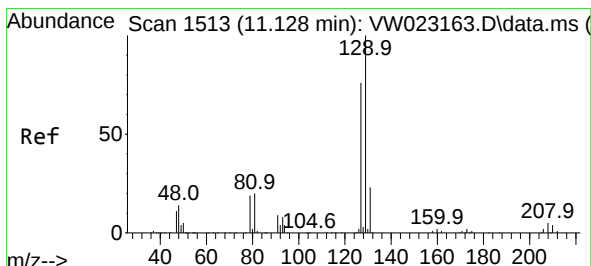
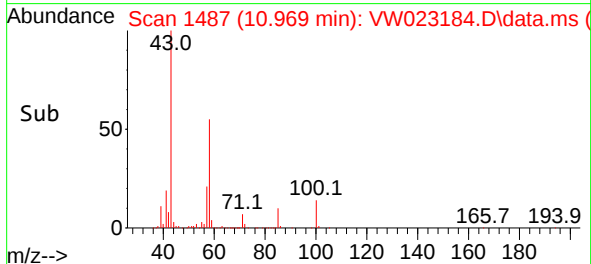
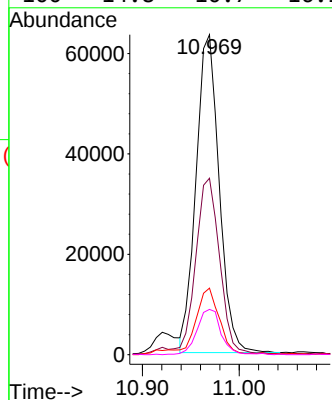
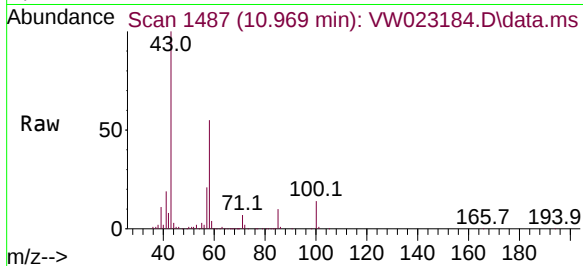




#48
2-Hexanone
Concen: 46.425 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

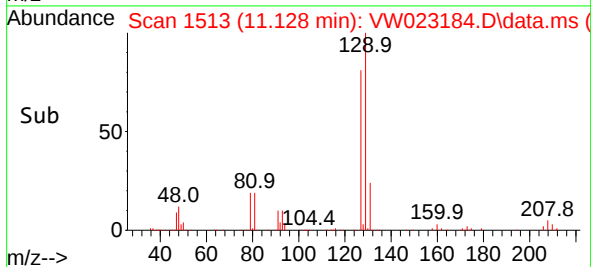
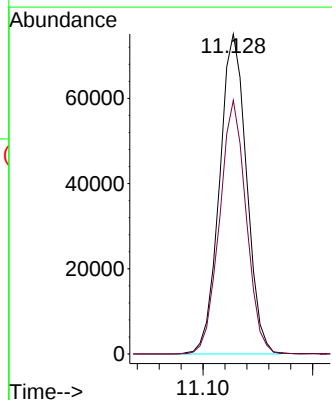
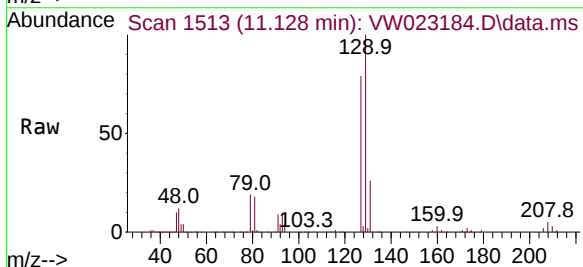
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

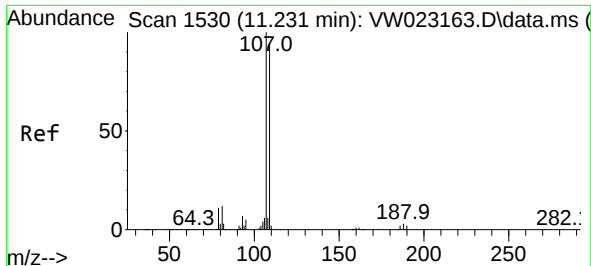
Tgt Ion: 43 Resp: 105579
Ion Ratio Lower Upper
43 100
58 57.3 45.9 68.9
57 20.5 16.2 24.2
100 14.8 10.7 16.1



#49
Dibromochloromethane
Concen: 23.693 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

Tgt Ion: 129 Resp: 128731
Ion Ratio Lower Upper
129 100
127 79.2 53.8 100.0





#50

1,2-Dibromoethane

Concen: 23.460 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

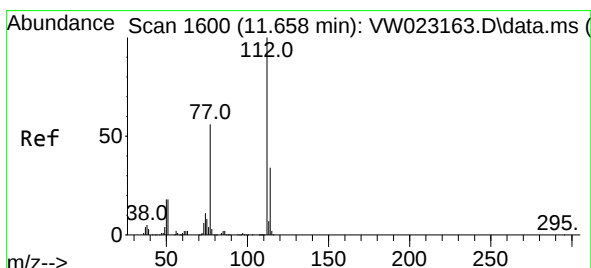
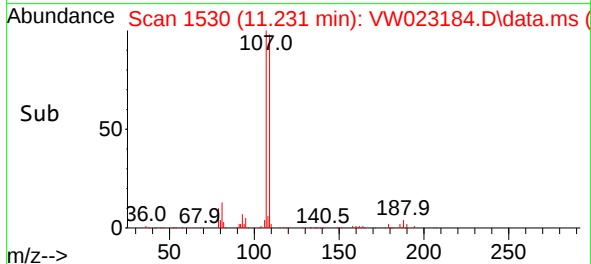
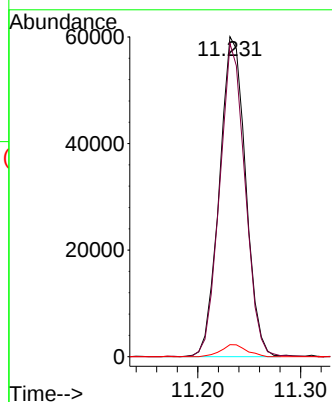
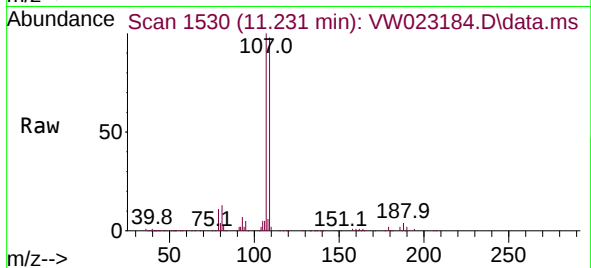
Tgt Ion:107 Resp: 106342

Ion Ratio Lower Upper

107 100

109 97.8 67.5 125.4

188 3.8 2.9 4.3



#51

Chlorobenzene

Concen: 24.898 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

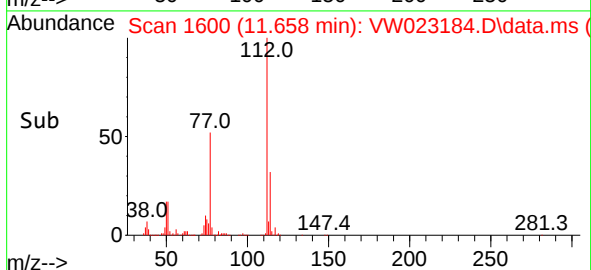
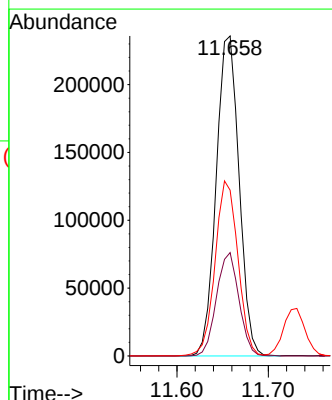
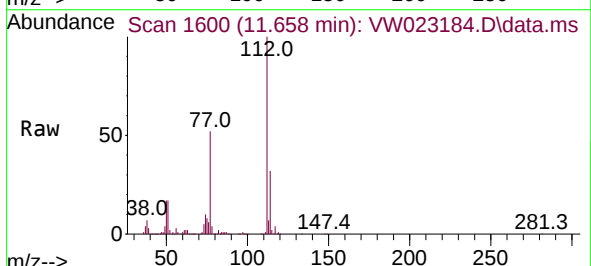
Tgt Ion:112 Resp: 410498

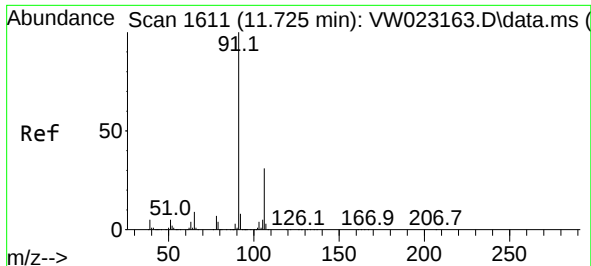
Ion Ratio Lower Upper

112 100

114 32.3 22.0 41.0

77 51.8 42.6 63.8

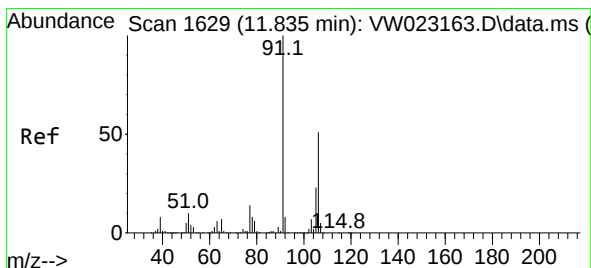
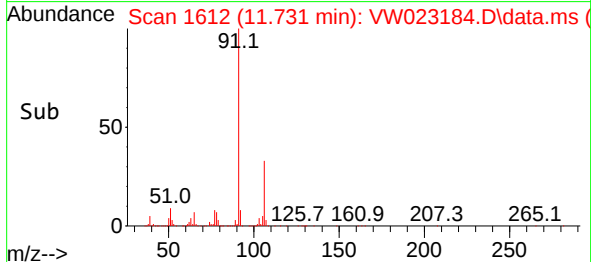
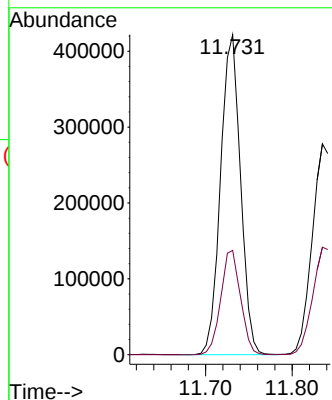
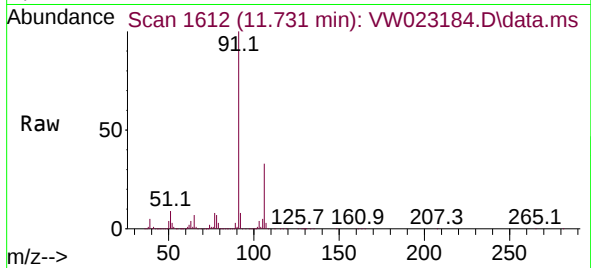




#52
Ethylbenzene
Concen: 24.249 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

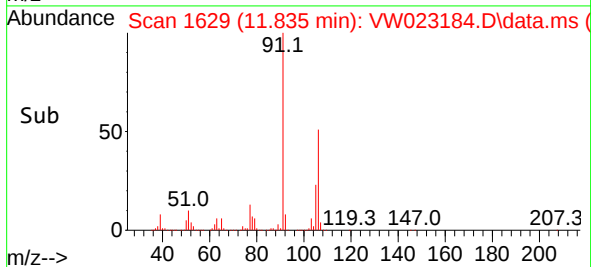
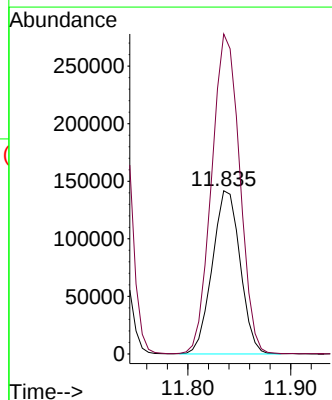
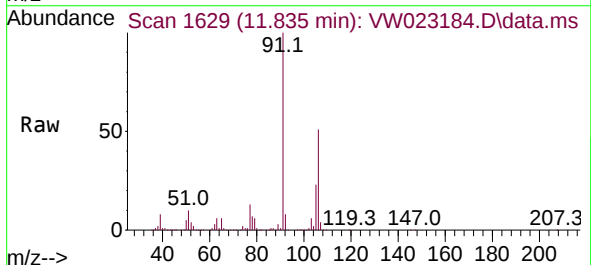
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

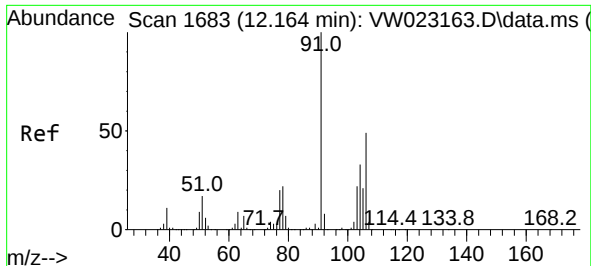
Tgt Ion: 91 Resp: 674647
Ion Ratio Lower Upper
91 100
106 32.6 22.3 41.3



#53
m,p-Xylene
Concen: 24.344 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

Tgt Ion:106 Resp: 266868
Ion Ratio Lower Upper
106 100
91 196.1 136.8 254.0

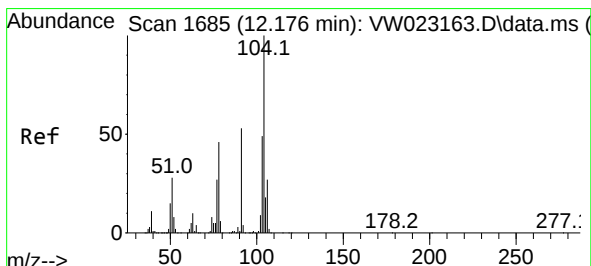
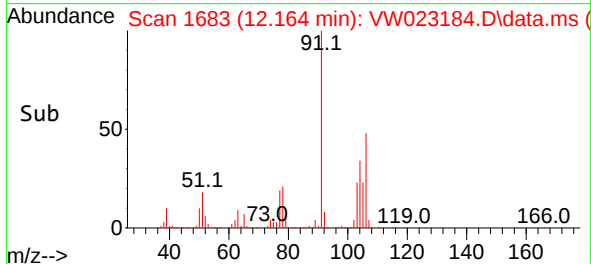
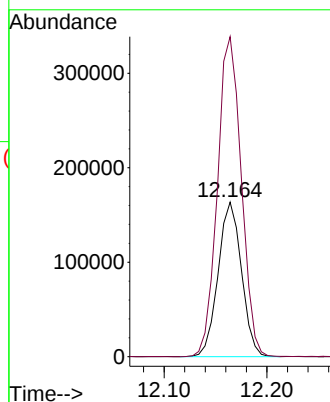
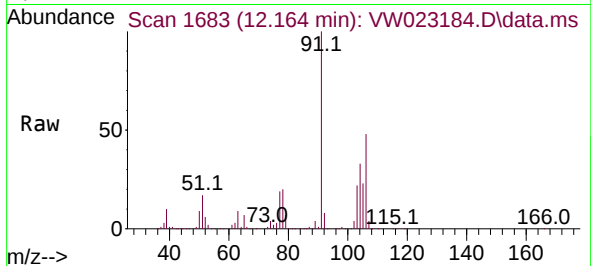




#54
o-Xylene
Concen: 24.511 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

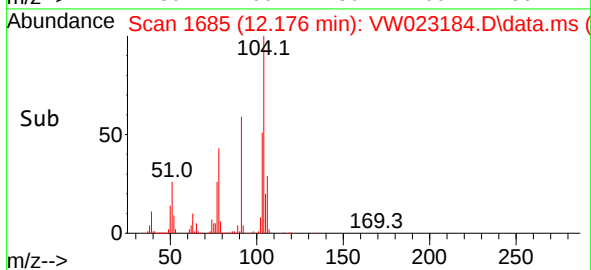
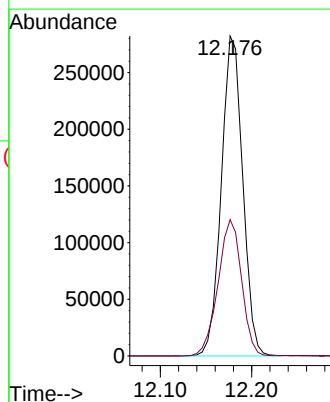
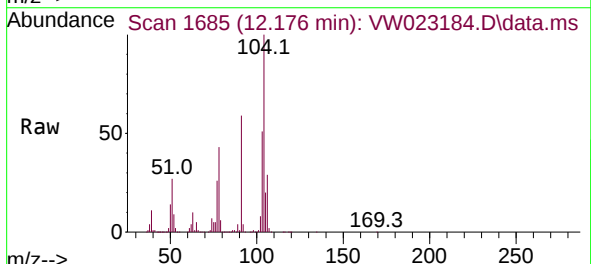
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

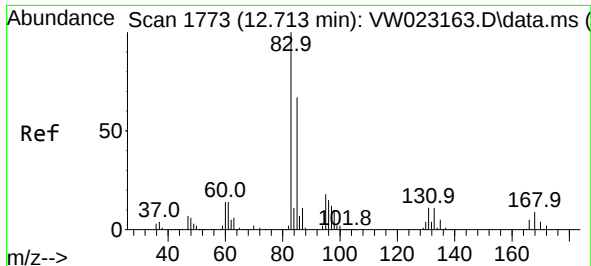
Tgt Ion:106 Resp: 257847
Ion Ratio Lower Upper
106 100
91 207.1 147.2 273.4



#55
Styrene
Concen: 25.735 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

Tgt Ion:104 Resp: 460039
Ion Ratio Lower Upper
104 100
78 42.6 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 24.601 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

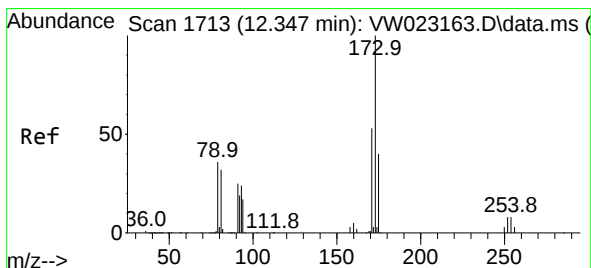
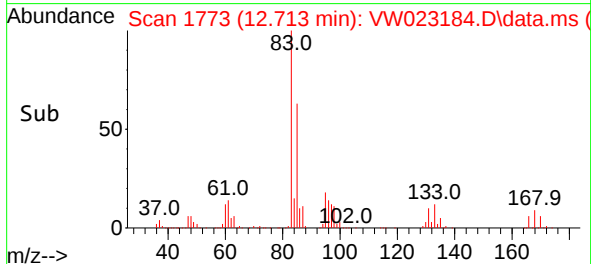
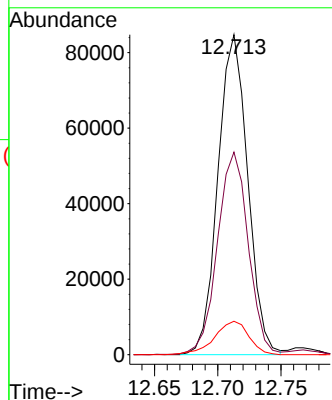
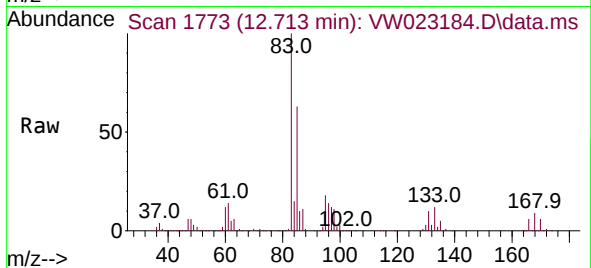
Tgt Ion: 83 Resp: 138712

Ion Ratio Lower Upper

83 100

85 63.3 47.5 88.1

131 10.4 8.7 13.1



#59

Bromoform

Concen: 20.353 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.006 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

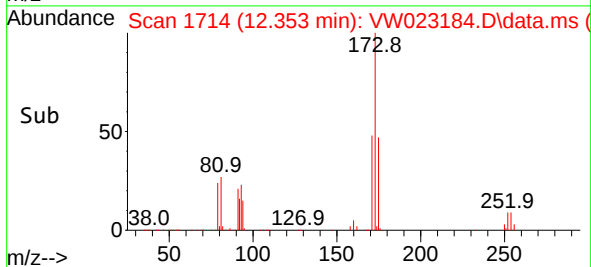
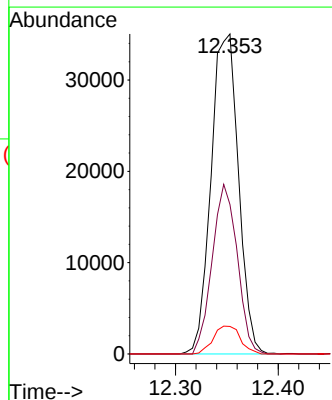
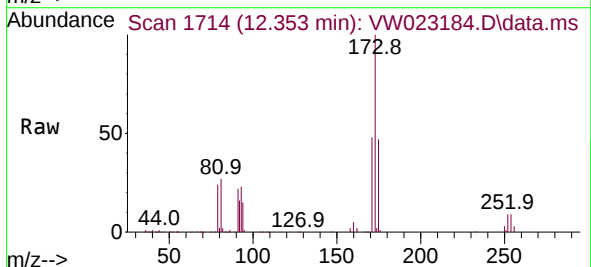
Tgt Ion:173 Resp: 64994

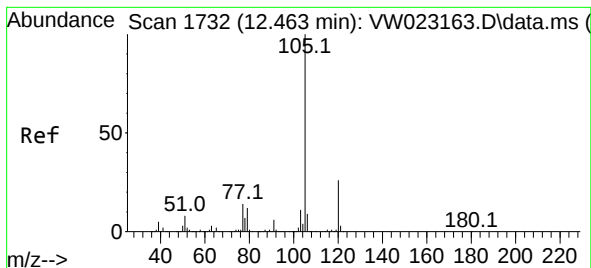
Ion Ratio Lower Upper

173 100

175 48.4 38.1 57.1

254 8.6 6.5 9.7





#60

Isopropylbenzene

Concen: 23.553 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

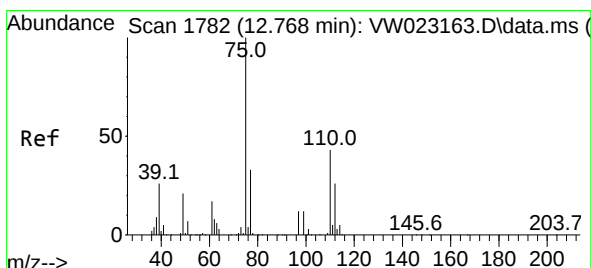
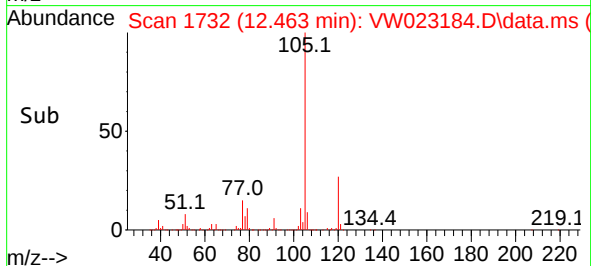
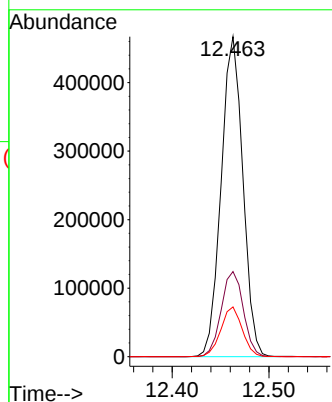
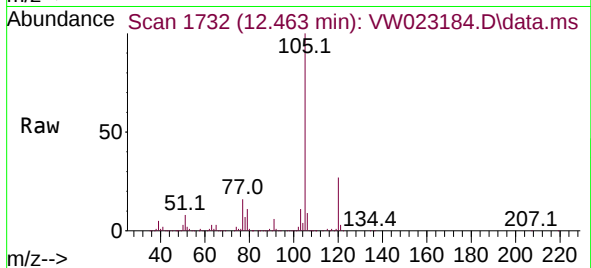
Tgt Ion:105 Resp: 727048

Ion Ratio Lower Upper

105 100

120 27.1 21.3 31.9

77 15.3 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 21.679 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

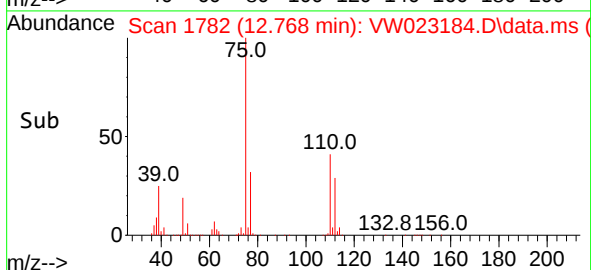
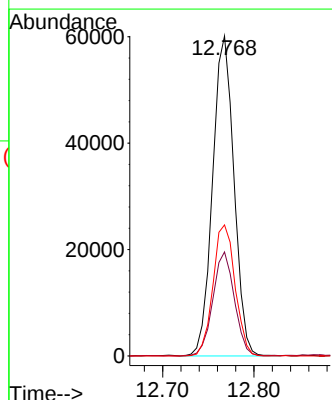
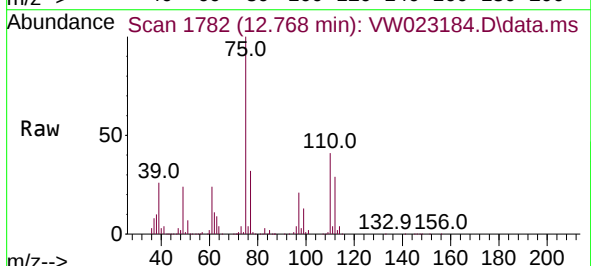
Tgt Ion: 75 Resp: 97607

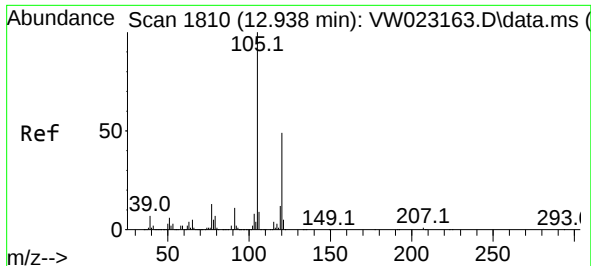
Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.2

110 42.3 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 23.425 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

Instrument :

MSVOA_W

ClientSampleId :

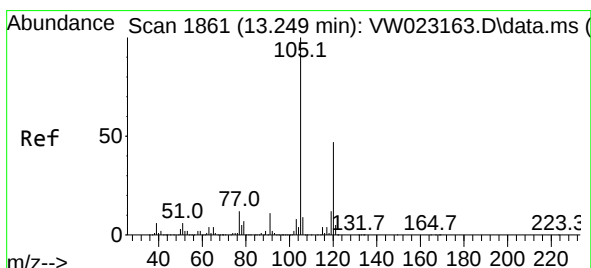
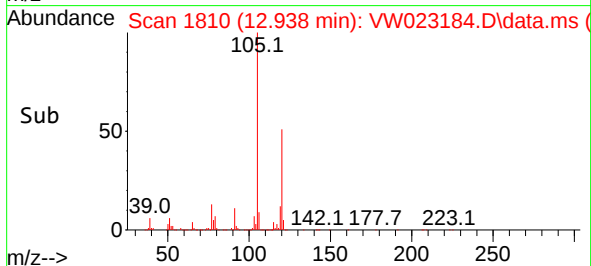
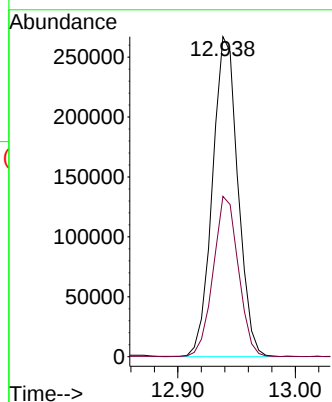
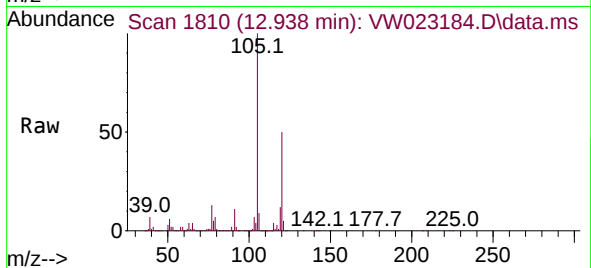
VSTD025542

Tgt Ion:105 Resp: 402291

Ion Ratio Lower Upper

105 100

120 49.5 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 23.920 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW023184.D

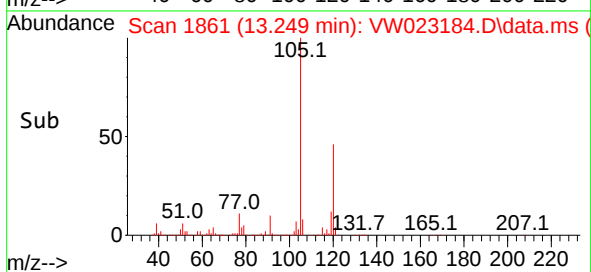
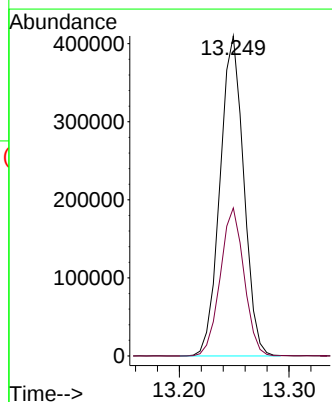
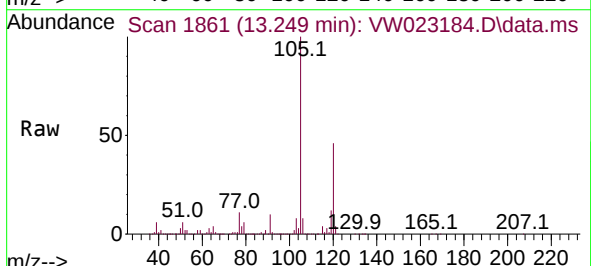
Acq: 19 May 2022 20:09

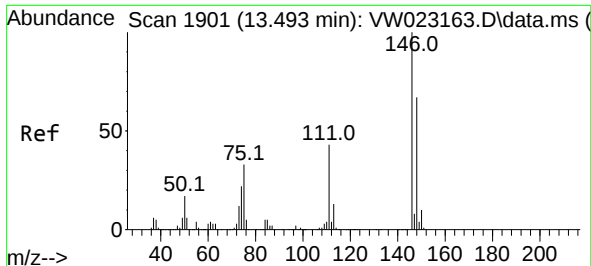
Tgt Ion:105 Resp: 616820

Ion Ratio Lower Upper

105 100

120 46.3 37.4 56.2

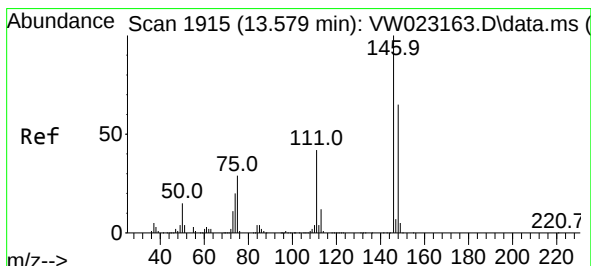
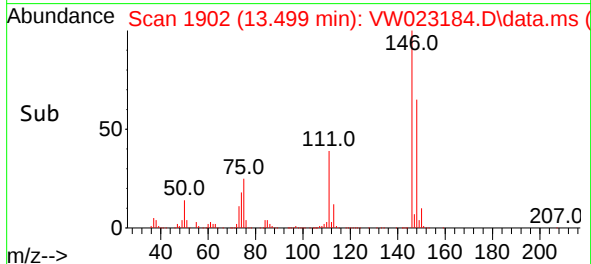
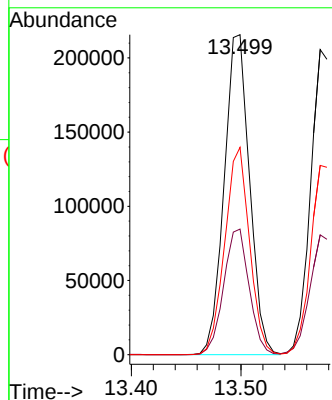
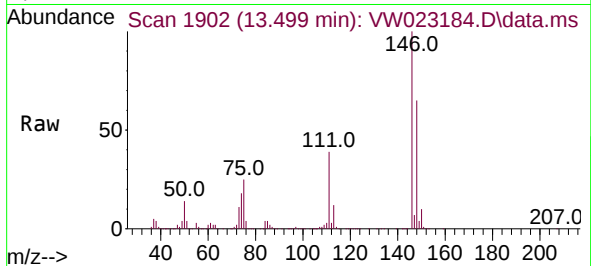




#64
1,3-Dichlorobenzene
Concen: 25.174 ug/L
RT: 13.499 min Scan# 1913
Delta R.T. 0.006 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

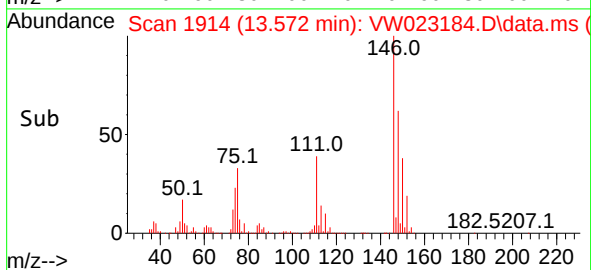
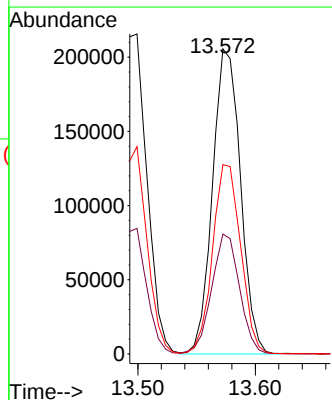
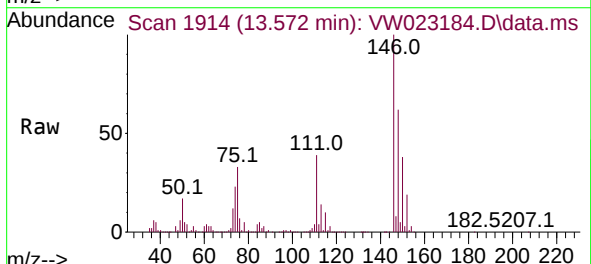
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

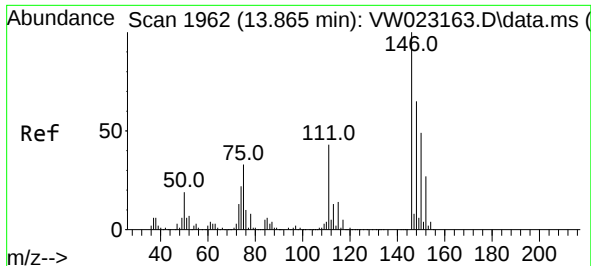
Tgt Ion:146 Resp: 346946
Ion Ratio Lower Upper
146 100
111 39.2 29.5 54.9
148 64.8 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 23.925 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW023184.D
Acq: 19 May 2022 20:09

Tgt Ion:146 Resp: 340583
Ion Ratio Lower Upper
146 100
111 39.3 27.2 50.4
148 62.0 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 25.493 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

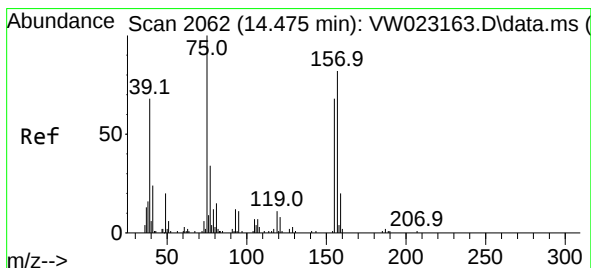
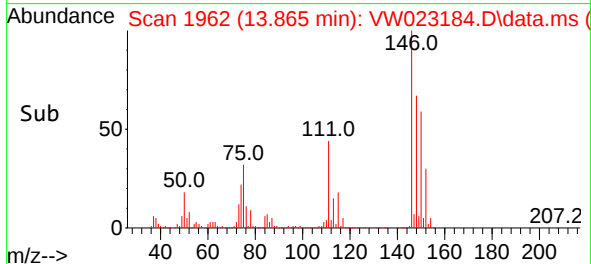
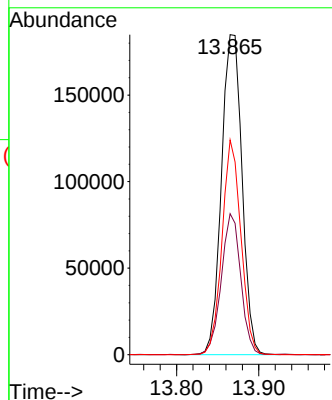
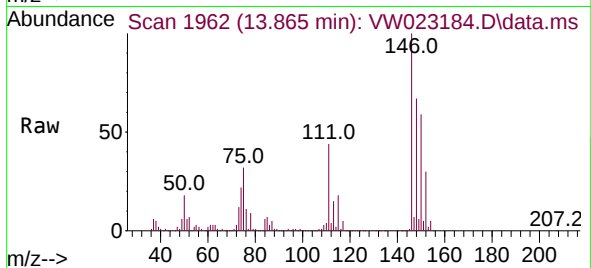
Tgt Ion:146 Resp: 321507

Ion Ratio Lower Upper

146 100

111 44.1 35.7 53.5

148 67.1 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 18.965 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.006 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

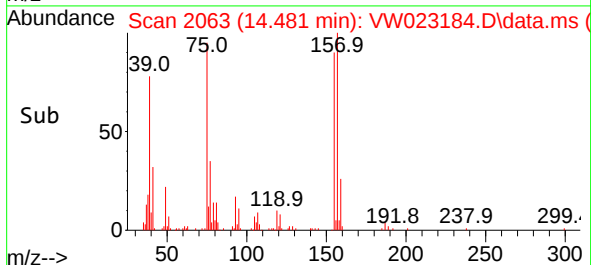
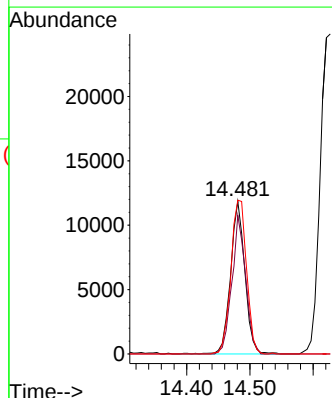
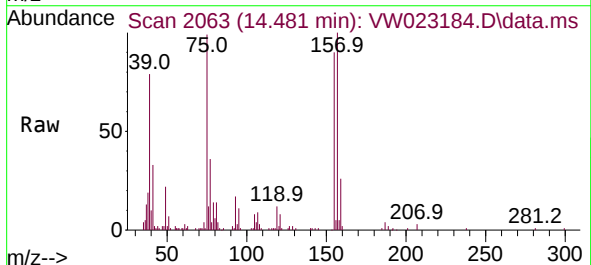
Tgt Ion: 75 Resp: 18661

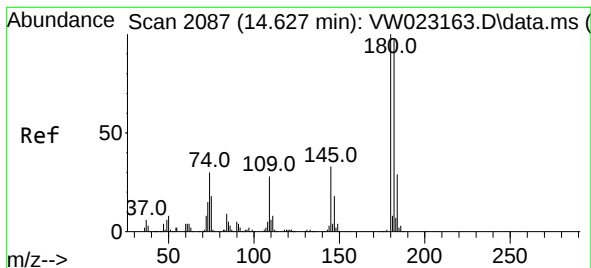
Ion Ratio Lower Upper

75 100

155 90.8 59.3 88.9#

157 100.7 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 27.009 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

Tgt Ion:180 Resp: 247094

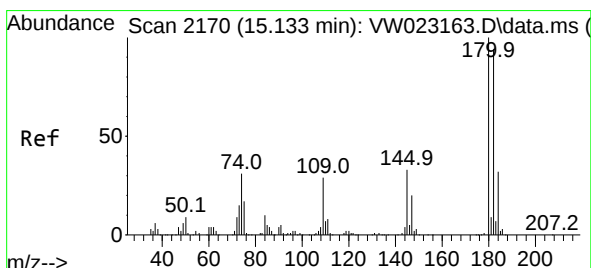
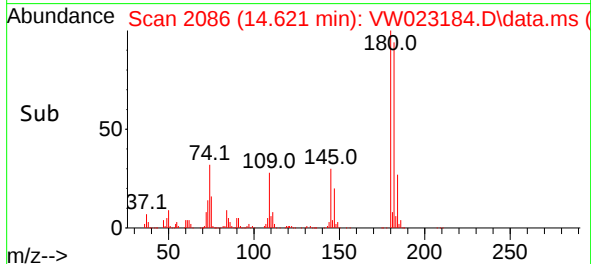
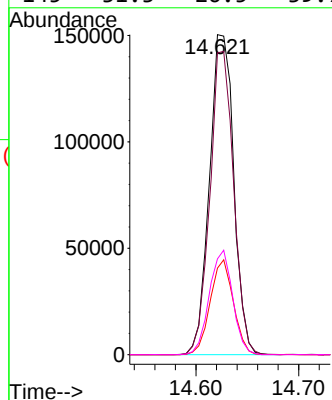
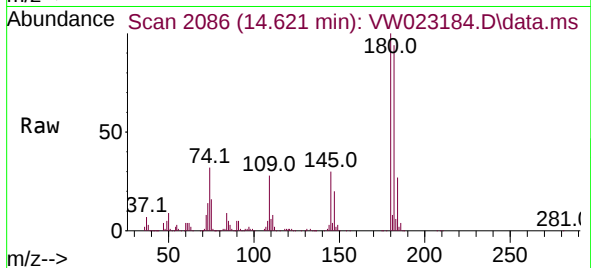
Ion Ratio Lower Upper

180 100

182 92.6 74.8 112.2

184 28.2 23.4 35.2

145 31.3 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 27.687 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

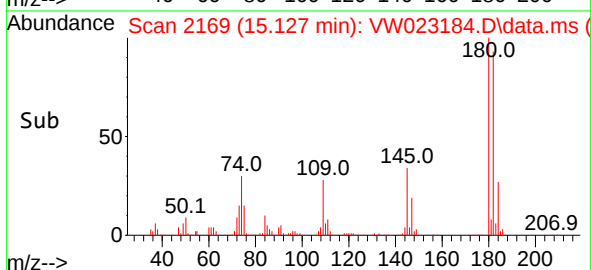
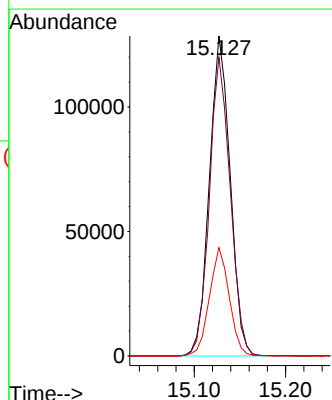
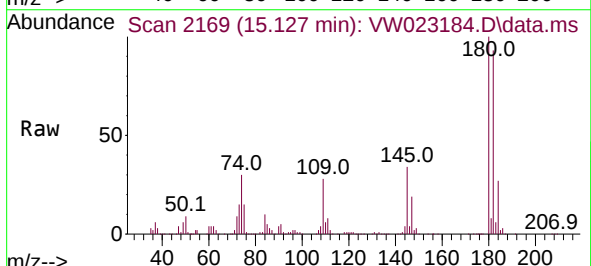
Tgt Ion:180 Resp: 203749

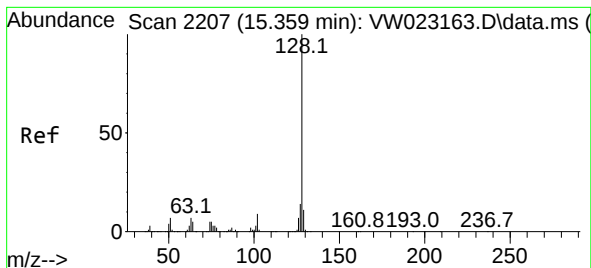
Ion Ratio Lower Upper

180 100

182 93.6 74.9 112.3

145 32.4 26.6 39.8





#71

Naphthalene

Concen: 25.590 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

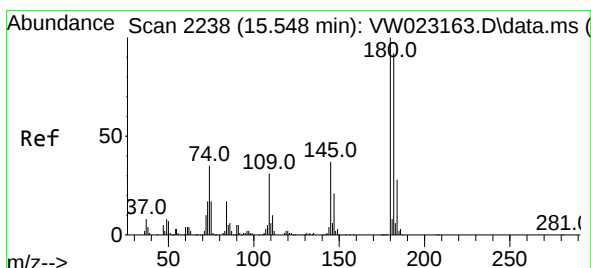
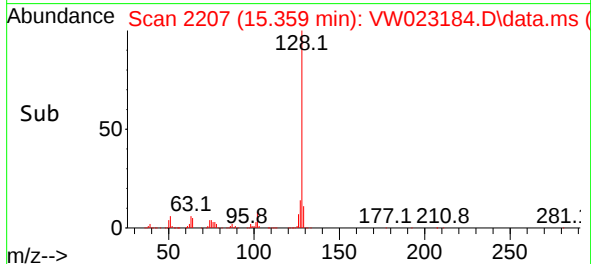
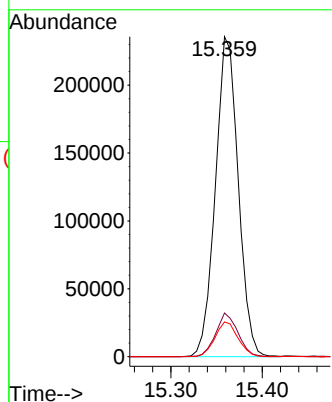
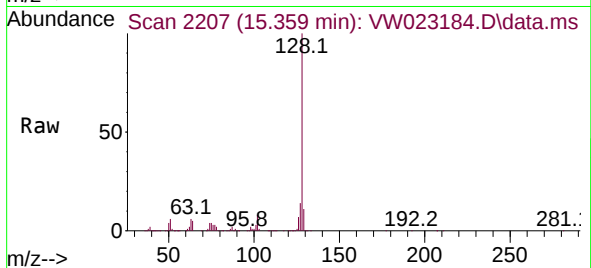
Tgt Ion:128 Resp: 409314

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 27.049 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW023184.D

Acq: 19 May 2022 20:09

Tgt Ion:180 Resp: 176425

Ion Ratio Lower Upper

180 100

182 99.5 73.5 110.3

145 34.8 27.9 41.9

