

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
 Data File : VW023260.D
 Acq On : 24 May 2022 09:13
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025548

Quant Time: May 25 00:41:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 24 01:27:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	300669	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	304787	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	178121	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	113997	18.480	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.920%
7) Chloroethane-d5	2.886	69	88054	21.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.760%
11) 1,1-Dichloroethene-d2	4.019	63	172435	21.634	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.520%
21) 2-Butanone-d5	7.074	46	49445	42.158	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.320%
24) Chloroform-d	7.647	84	212381	24.110	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.440%
26) 1,2-Dichloroethane-d4	8.305	65	112652	23.317	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.280%
32) Benzene-d6	8.275	84	401827	22.873	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.480%
36) 1,2-Dichloropropane-d6	9.275	67	118890	24.092	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.360%
41) Toluene-d8	10.323	98	394841	23.266	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.080%
43) trans-1,3-Dichloroprop...	10.573	79	53018	23.333	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.320%
47) 2-Hexanone-d5	10.921	63	40510	43.002	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.000%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	109719	23.854	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	149510	24.012	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	33939	20.707	ug/L	96
3) Chloromethane	2.215	50	92182	29.105	ug/L	98
5) Vinyl chloride	2.361	62	149655	23.544	ug/L	99
6) Bromomethane	2.776	94	85574	20.968	ug/L	93
8) Chloroethane	2.922	64	80433	26.235	ug/L	95
9) Trichlorofluoromethane	3.257	101	69632	23.968	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	111202	25.598	ug/L #	71
12) 1,1-Dichloroethene	4.044	96	96285	25.003	ug/L	86
13) Acetone	4.117	43	33644	38.314	ug/L	99
14) Carbon disulfide	4.385	76	265038	25.104	ug/L	98
16) Methylene chloride	4.916	84	111373	25.315	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	110910	25.593	ug/L	95
18) Methyl tert-butyl Ether	5.422	73	168387	25.454	ug/L	99
19) 1,1-Dichloroethane	6.214	63	195029	26.554	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	123175	26.463	ug/L #	97
22) 2-Butanone	7.165	43	54958	44.753	ug/L	100
23) Bromochloromethane	7.507	128	55444	25.434	ug/L	93
25) Chloroform	7.677	83	221849	27.317	ug/L	95
27) 1,2-Dichloroethane	8.397	62	144953	26.775	ug/L #	95

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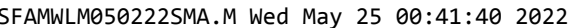
Instrument :
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 ClientSampleId :
 VSTD025548

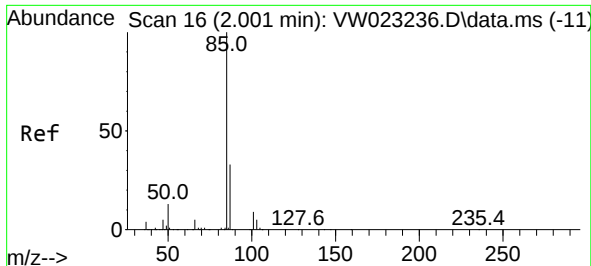
Quant Time: May 25 00:41:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 24 01:27:20 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.958	56	172096	26.108	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	192767	26.763	ug/L	99
31) Carbon tetrachloride	8.068	117	179112	26.584	ug/L	100
33) Benzene	8.324	78	482682	26.883	ug/L	100
34) Trichloroethene	9.092	95	127510	25.823	ug/L	98
35) Methylcyclohexane	9.336	83	214864	26.487	ug/L	98
37) 1,2-Dichloropropane	9.366	63	113441	26.108	ug/L	100
38) Bromodichloromethane	9.646	83	160584	26.020	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	181123	26.883	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	125433	45.800	ug/L	99
42) Toluene	10.384	91	552066	27.436	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	161254	26.815	ug/L	100
45) 1,1,2-Trichloroethane	10.787	97	91620	25.223	ug/L	97
46) Tetrachloroethene	10.860	164	101163	27.261	ug/L	91
48) 2-Hexanone	10.963	43	85787	46.881	ug/L	98
49) Dibromochloromethane	11.128	129	114924	26.288	ug/L	100
50) 1,2-Dibromoethane	11.232	107	94541	25.921	ug/L	95
51) Chlorobenzene	11.658	112	357984	26.986	ug/L	99
52) Ethylbenzene	11.732	91	612446	27.358	ug/L	100
53) m,p-Xylene	11.835	106	250346	28.382	ug/L	96
54) o-Xylene	12.164	106	238257	28.148	ug/L	96
55) Styrene	12.177	104	419856	29.191	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	111854	24.654	ug/L	98
59) Bromoform	12.347	173	62599	24.799	ug/L	99
60) Isopropylbenzene	12.463	105	652978	26.759	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	81312	22.847	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	355479	26.185	ug/L	99
63) 1,2,4-Trimethylbenzene	13.250	105	551698	27.065	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	285087	26.168	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	292017	25.950	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	263561	26.437	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	17029	21.893	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	192074	26.560	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	151113	25.976	ug/L	99
71) Naphthalene	15.359	128	300900	23.798	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	128310	24.886	ug/L	98

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

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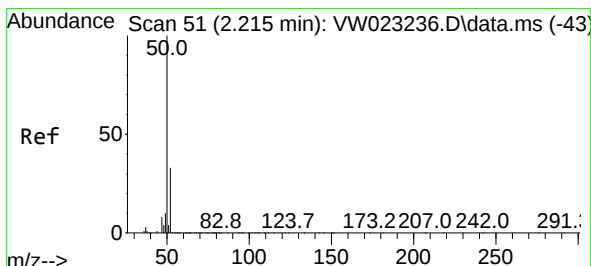
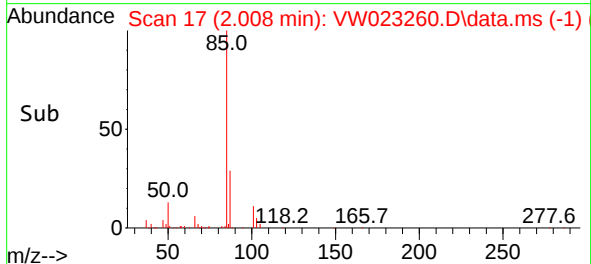
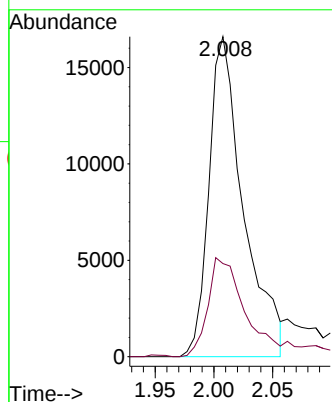
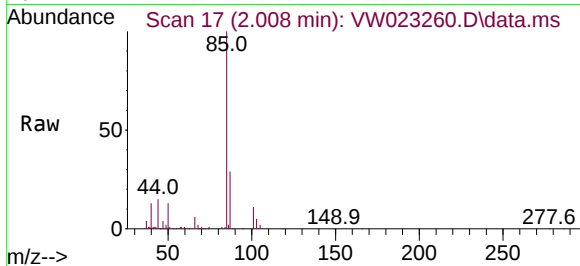




#2
 Dichlorodifluoromethane
 Concen: 20.707 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW023260.D
 Acq: 24 May 2022 09:13

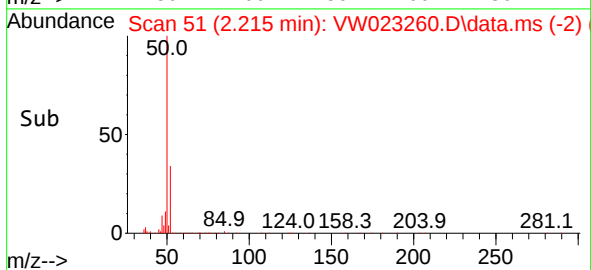
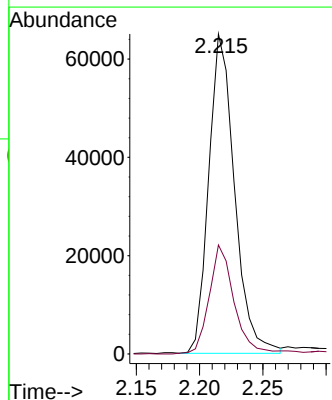
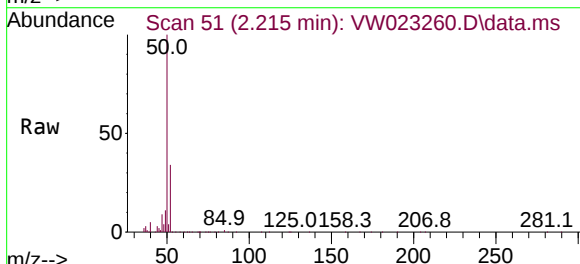
Instrument :
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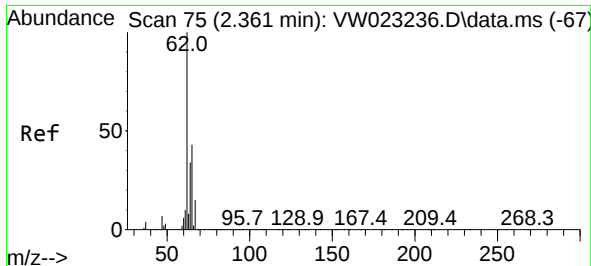
Tgt Ion: 85 Resp: 33939
 Ion Ratio Lower Upper
 85 100
 87 32.7 27.8 41.8



#3
 Chloromethane
 Concen: 29.105 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023260.D
 Acq: 24 May 2022 09:13

Tgt Ion: 50 Resp: 92182
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.1 42.9

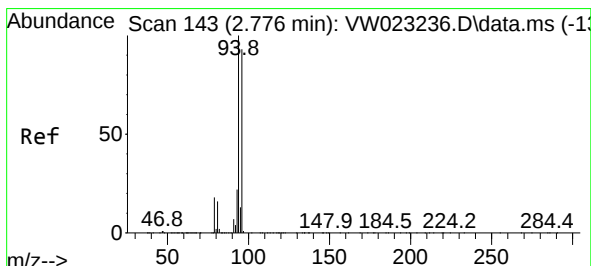
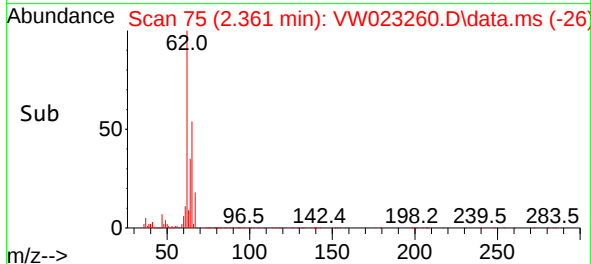
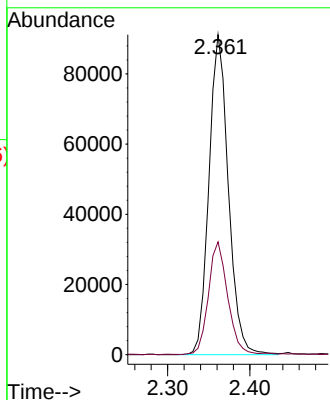
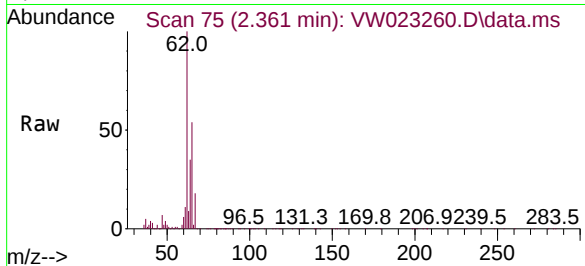




#5
 Vinyl chloride
 Concen: 23.544 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW023260.D
 Acq: 24 May 2022 09:13

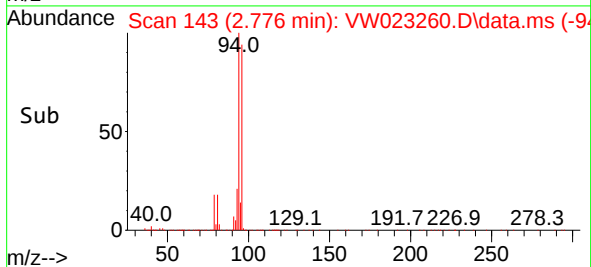
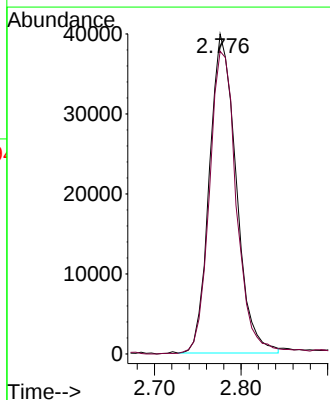
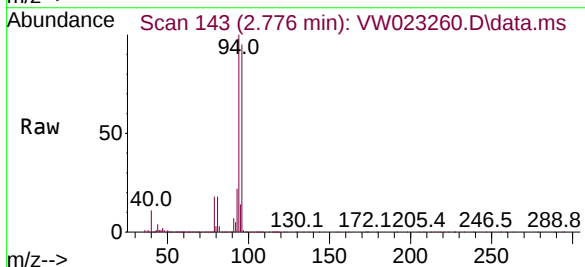
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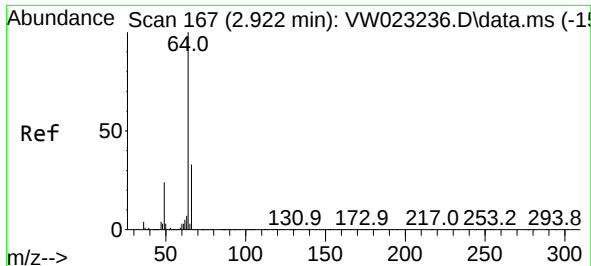
Tgt Ion: 62 Resp: 149655
 Ion Ratio Lower Upper
 62 100
 64 35.2 24.9 46.3



#6
 Bromomethane
 Concen: 20.968 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW023260.D
 Acq: 24 May 2022 09:13

Tgt Ion: 94 Resp: 85574
 Ion Ratio Lower Upper
 94 100
 96 94.6 61.7 114.5

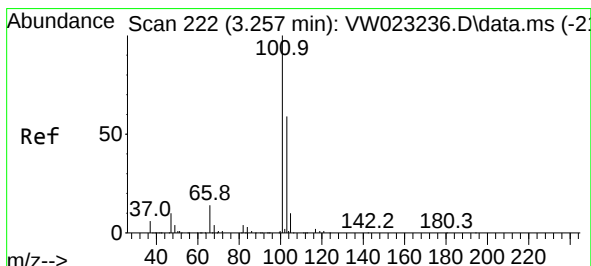
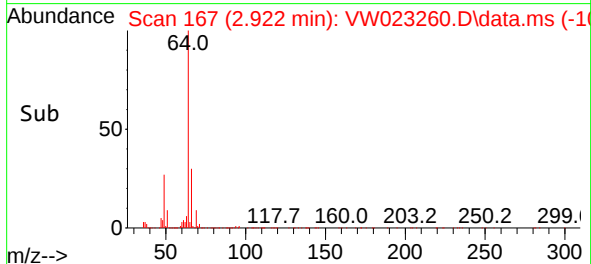
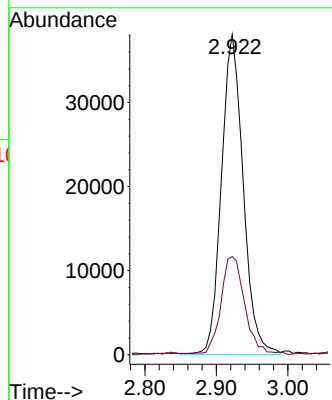
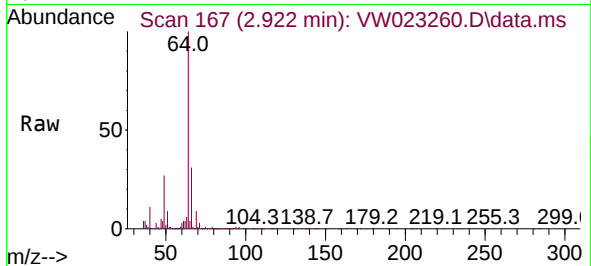




#8
Chloroethane
Concen: 26.235 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

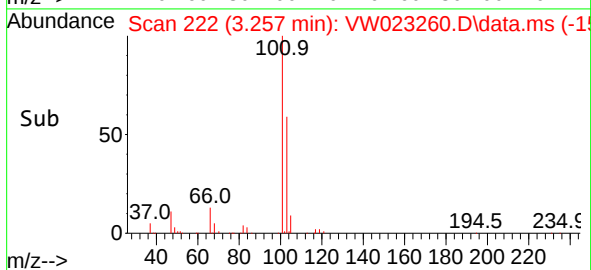
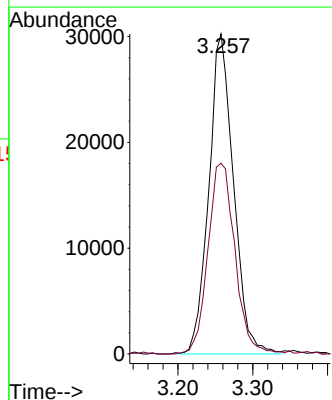
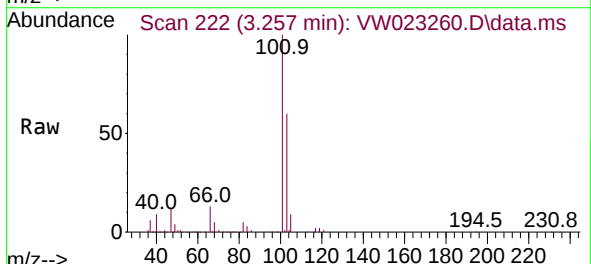
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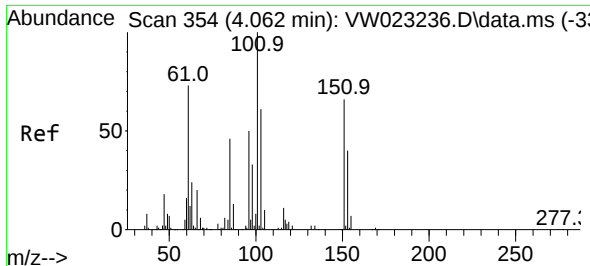
Tgt Ion: 64 Resp: 80433
Ion Ratio Lower Upper
64 100
66 30.6 23.4 43.6



#9
Trichlorofluoromethane
Concen: 23.968 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

Tgt Ion: 101 Resp: 69632
Ion Ratio Lower Upper
101 100
103 65.0 53.9 80.9

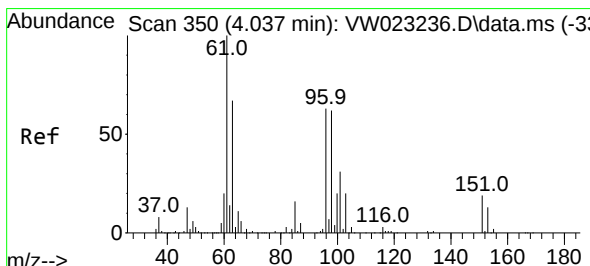
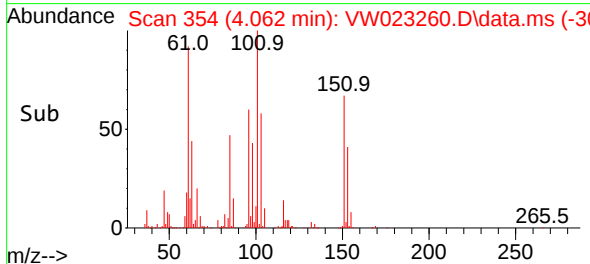
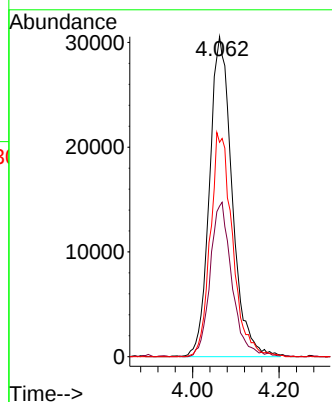
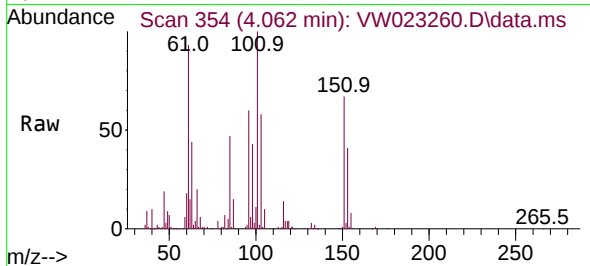




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.598 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW023260.D
 Acq: 24 May 2022 09:13

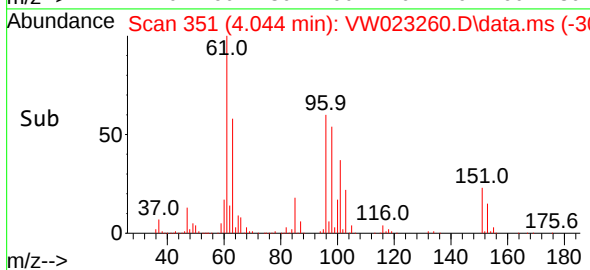
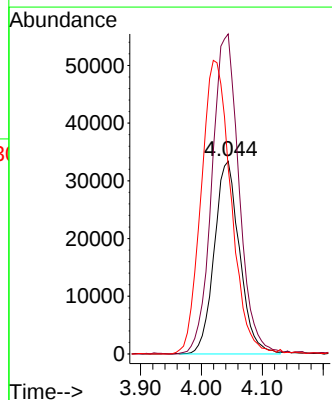
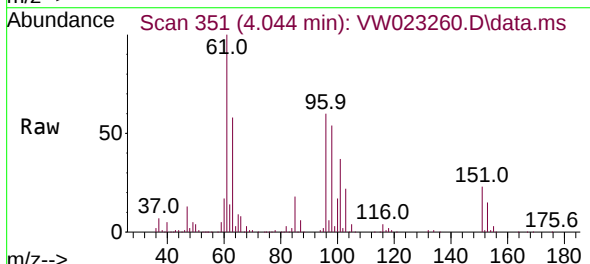
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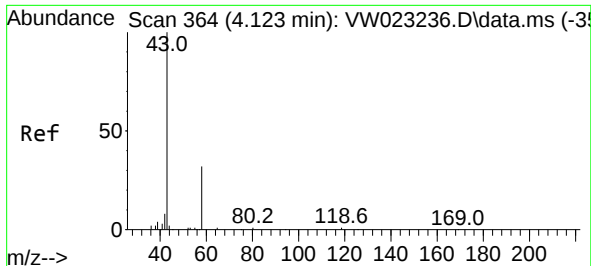
Tgt Ion:101 Resp: 111202
 Ion Ratio Lower Upper
 101 100
 85 45.9 34.3 51.5
 151 31.6 54.2 81.2#



#12
 1,1-Dichloroethene
 Concen: 25.003 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW023260.D
 Acq: 24 May 2022 09:13

Tgt Ion: 96 Resp: 96285
 Ion Ratio Lower Upper
 96 100
 61 166.1 125.7 233.5
 63 96.6 83.4 155.0

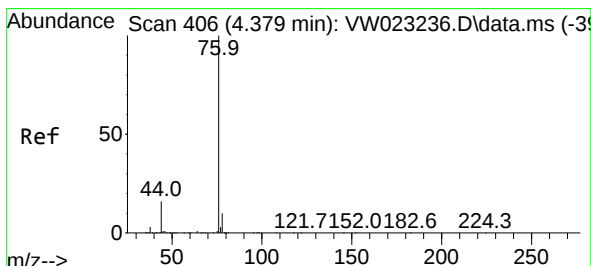
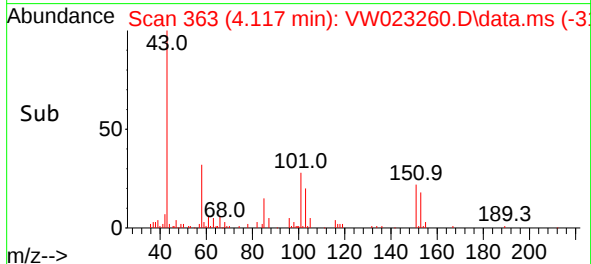
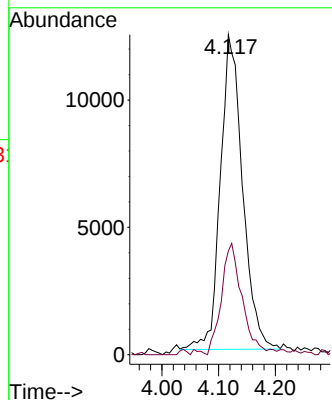
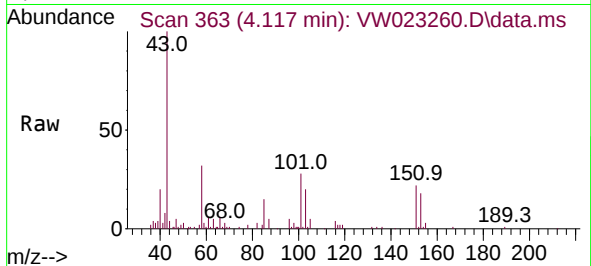




#13
Acetone
Concen: 38.314 ug/L
RT: 4.117 min Scan# 307
Delta R.T. -0.006 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

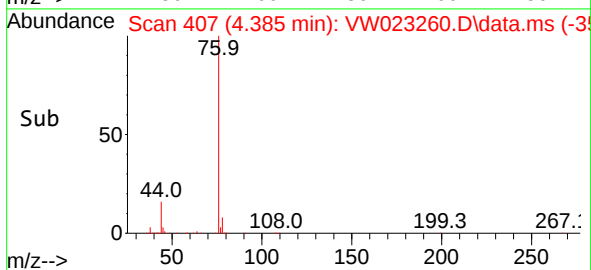
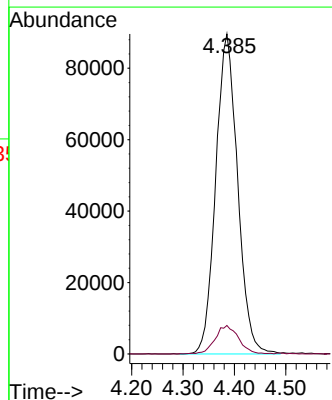
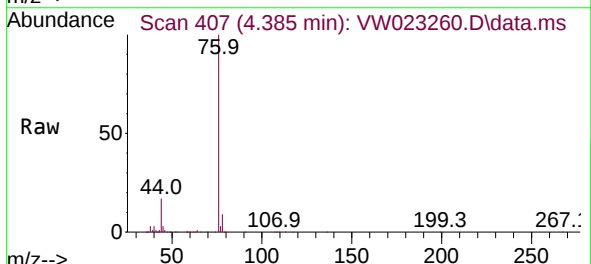
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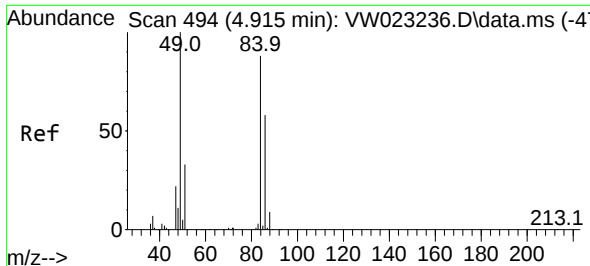
Tgt Ion: 43 Resp: 33644
Ion Ratio Lower Upper
43 100
58 32.6 0.0 64.0



#14
Carbon disulfide
Concen: 25.104 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

Tgt Ion: 76 Resp: 265038
Ion Ratio Lower Upper
76 100
78 8.9 7.7 11.5

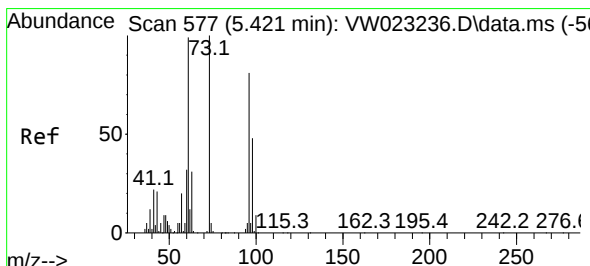
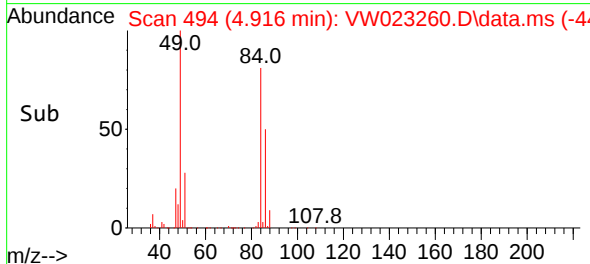
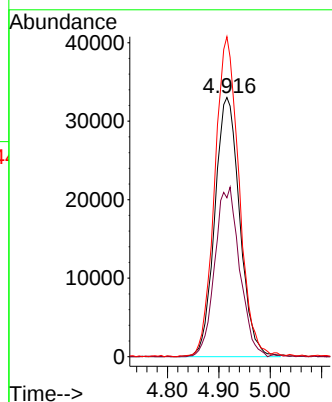
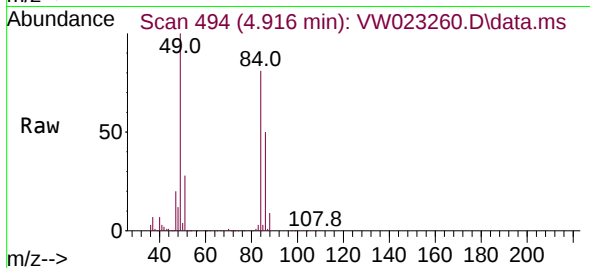




#16
Methylene chloride
Concen: 25.315 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

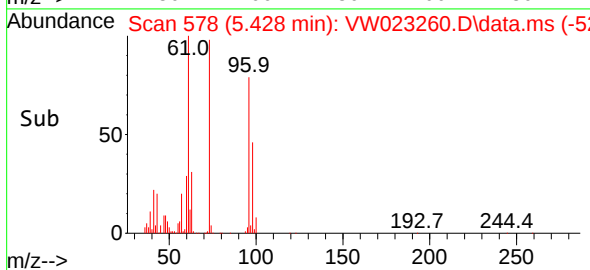
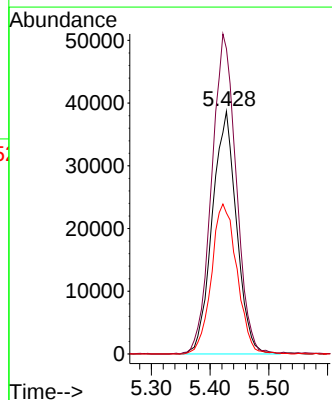
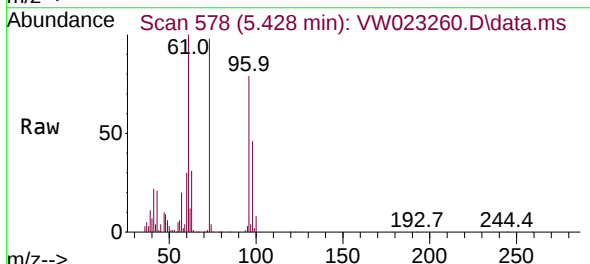
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

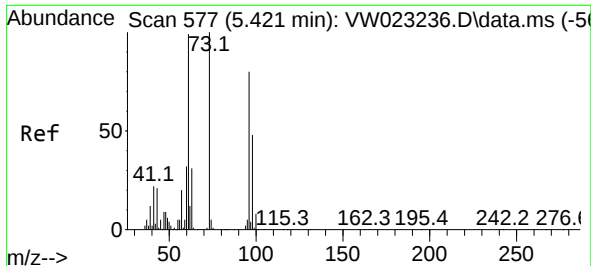
Tgt Ion: 84 Resp: 111373
Ion Ratio Lower Upper
84 100
86 61.3 45.4 84.4
49 123.4 82.5 153.1



#17
trans-1,2-Dichloroethene
Concen: 25.593 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

Tgt Ion: 96 Resp: 110910
Ion Ratio Lower Upper
96 100
61 125.9 92.2 171.2
98 58.1 42.9 79.7

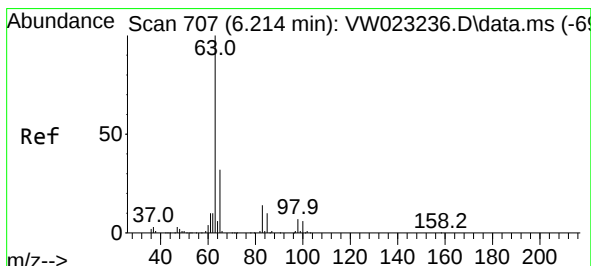
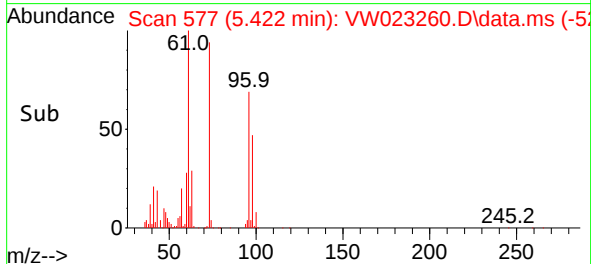
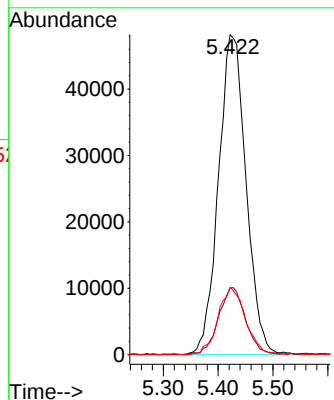
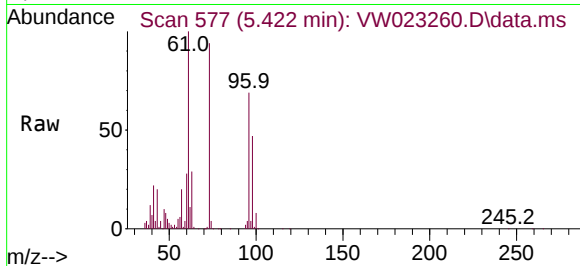




#18
Methyl tert-butyl Ether
Concen: 25.454 ug/L
RT: 5.422 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

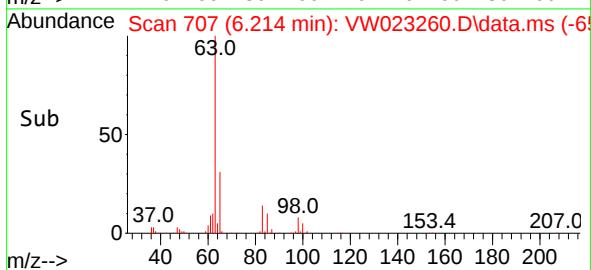
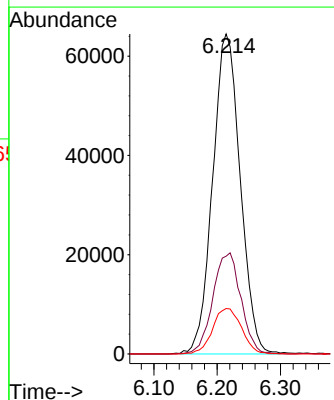
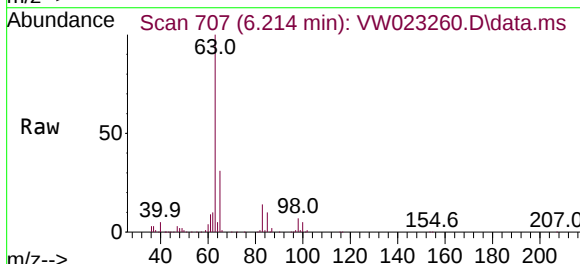
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

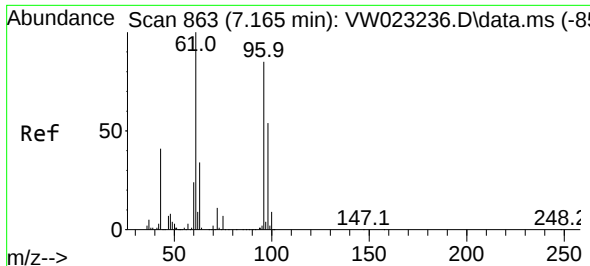
Tgt Ion: 73 Resp: 168387
Ion Ratio Lower Upper
73 100
43 20.5 15.9 23.9
57 20.8 16.5 24.7



#19
1,1-Dichloroethane
Concen: 26.554 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

Tgt Ion: 63 Resp: 195029
Ion Ratio Lower Upper
63 100
65 30.5 23.3 43.3
83 14.2 11.1 20.5

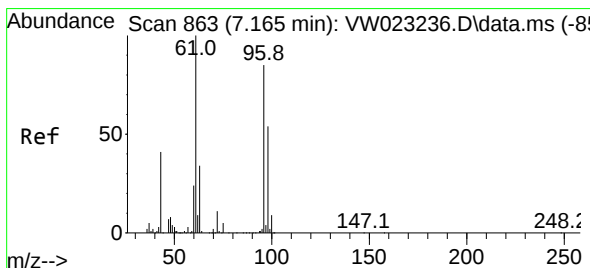
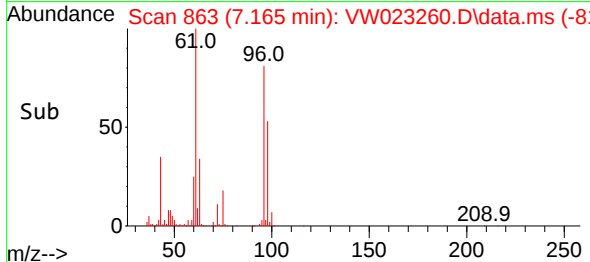
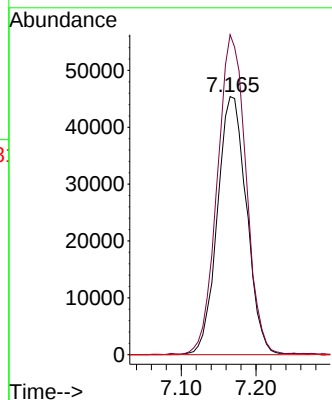
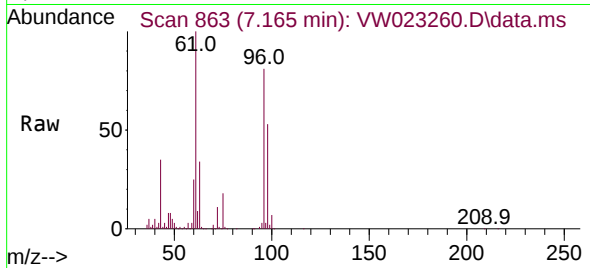




#20
 cis-1,2-Dichloroethene
 Concen: 26.463 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW023260.D
 Acq: 24 May 2022 09:13

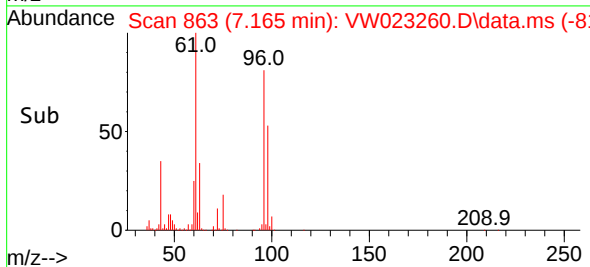
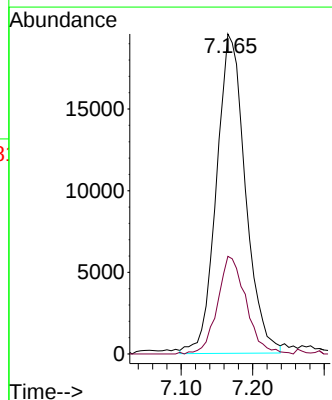
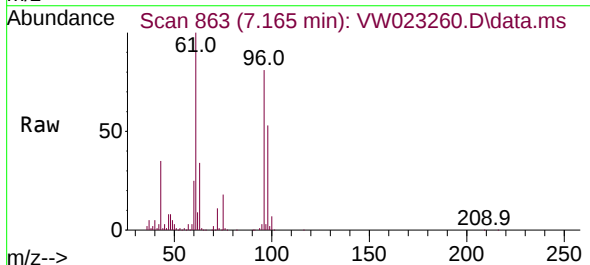
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025548

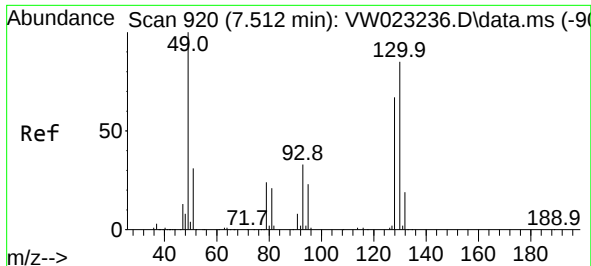
Tgt Ion: 96 Resp: 123175
 Ion Ratio Lower Upper
 96 100
 61 124.0 84.2 156.4
 68 0.0 0.1 0.1#



#22
 2-Butanone
 Concen: 44.753 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW023260.D
 Acq: 24 May 2022 09:13

Tgt Ion: 43 Resp: 54958
 Ion Ratio Lower Upper
 43 100
 72 30.1 15.1 45.3

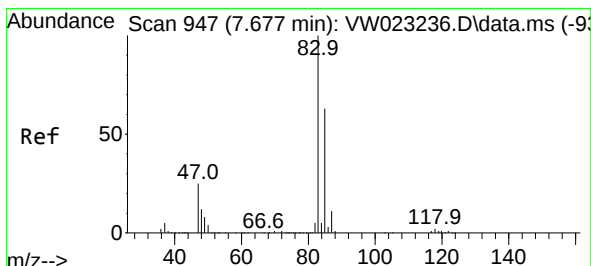
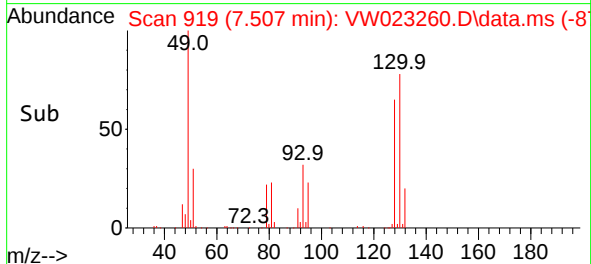
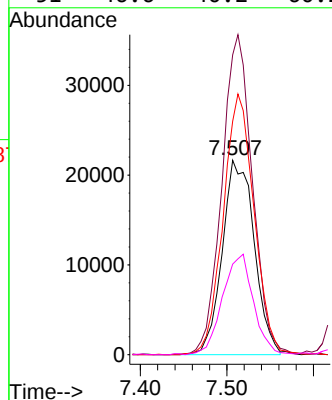
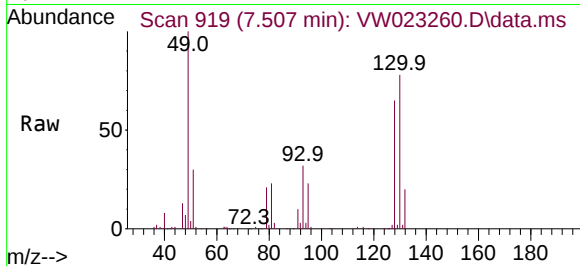




#23
Bromochloromethane
Concen: 25.434 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

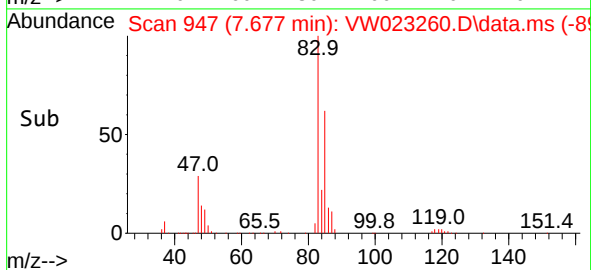
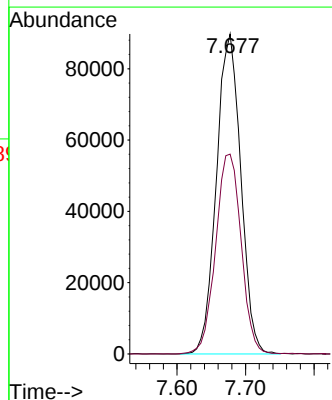
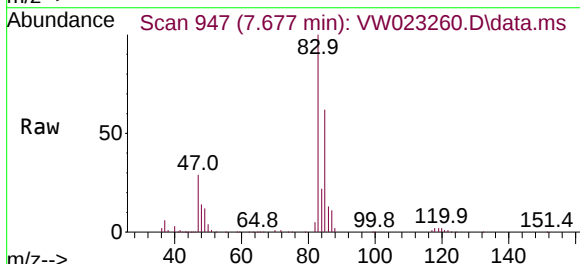
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

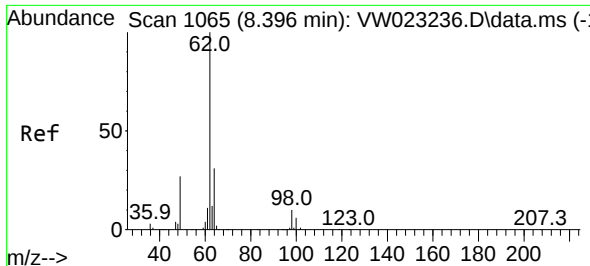
Tgt Ion:128 Resp: 55444
Ion Ratio Lower Upper
128 100
49 154.2 110.0 204.4
130 120.1 94.8 176.0
51 46.6 40.2 60.2



#25
Chloroform
Concen: 27.317 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

Tgt Ion: 83 Resp: 221849
Ion Ratio Lower Upper
83 100
85 62.4 46.6 86.6

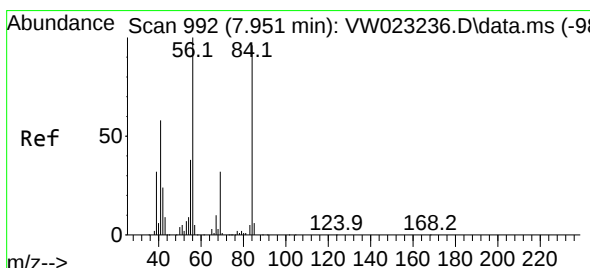
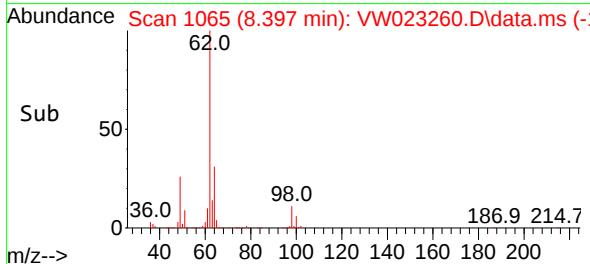
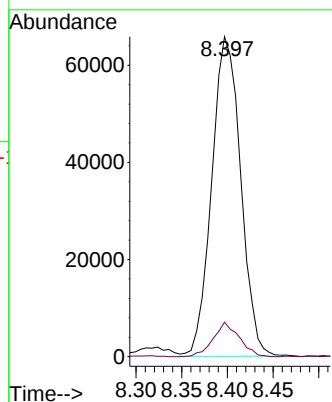
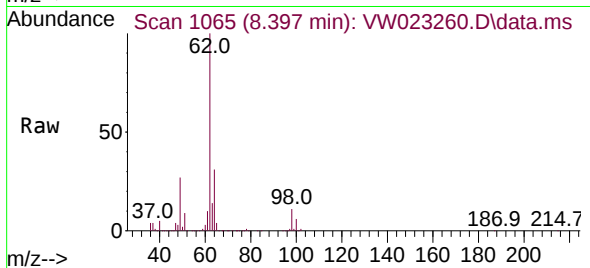




#27
1,2-Dichloroethane
Concen: 26.775 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

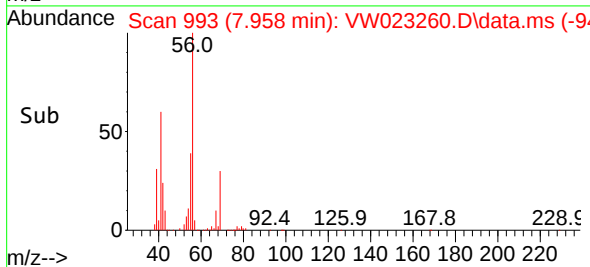
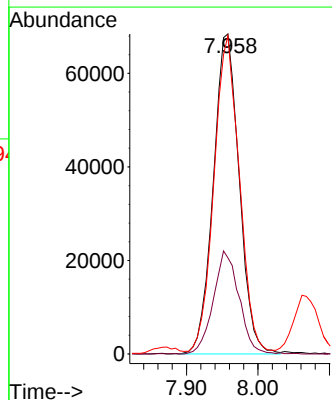
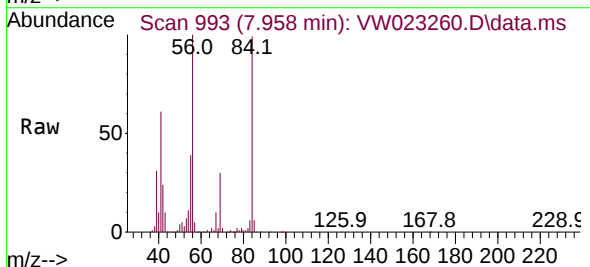
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

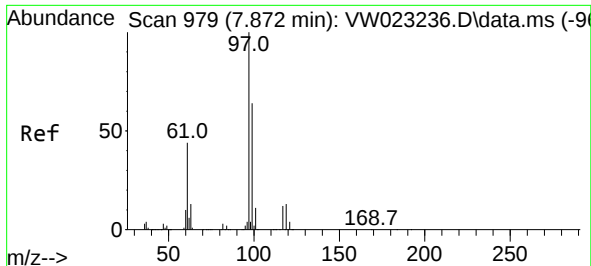
Tgt Ion: 62 Resp: 144953
Ion Ratio Lower Upper
62 100
98 10.8 7.2 10.8#



#29
Cyclohexane
Concen: 26.108 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

Tgt Ion: 56 Resp: 172096
Ion Ratio Lower Upper
56 100
69 31.8 25.6 38.4
84 97.9 78.2 117.4





#30

1,1,1-Trichloroethane

Concen: 26.763 ug/L

RT: 7.872 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW023260.D

Acq: 24 May 2022 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025548

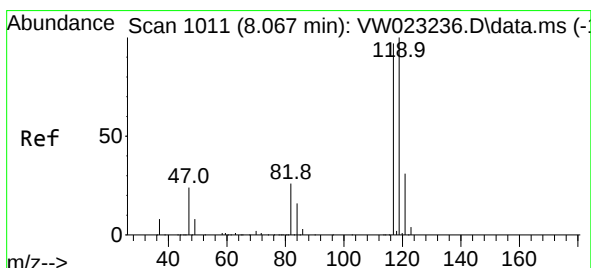
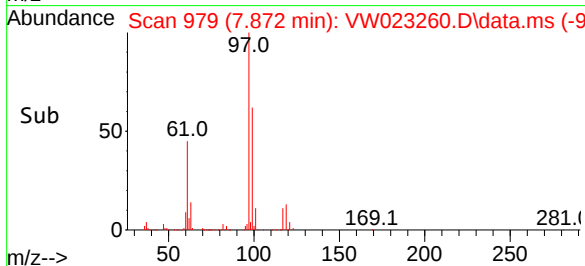
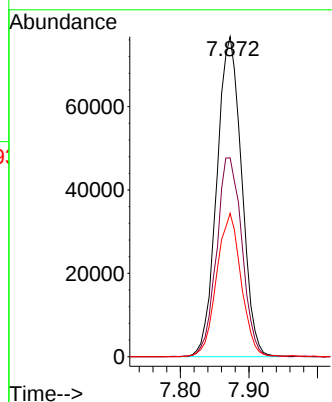
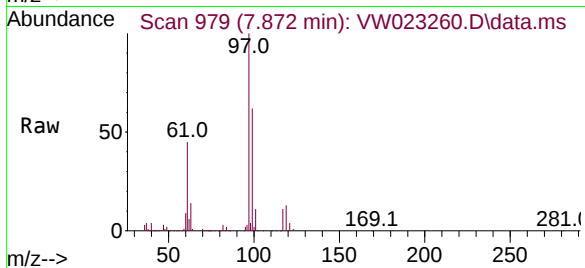
Tgt Ion: 97 Resp: 192767

Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.4

61 44.2 34.8 52.2



#31

Carbon tetrachloride

Concen: 26.584 ug/L

RT: 8.068 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW023260.D

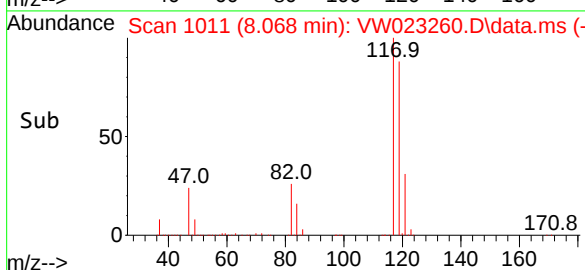
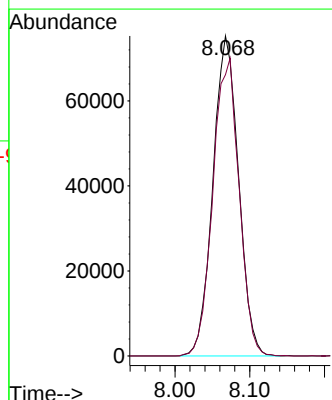
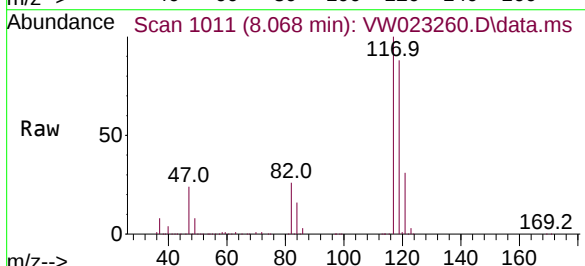
Acq: 24 May 2022 09:13

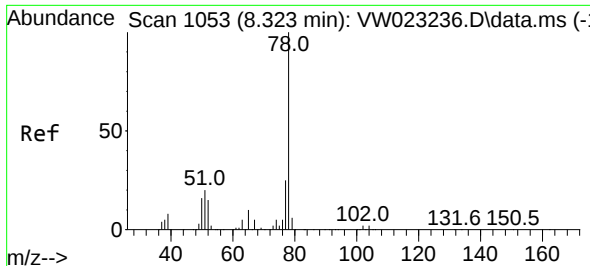
Tgt Ion: 117 Resp: 179112

Ion Ratio Lower Upper

117 100

119 95.4 76.6 115.0

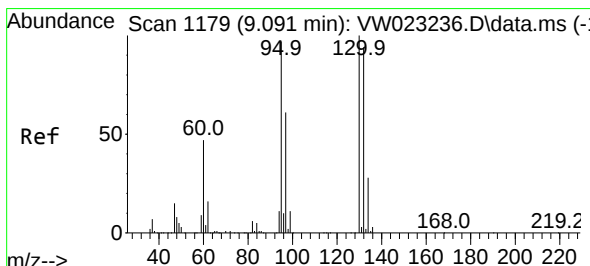
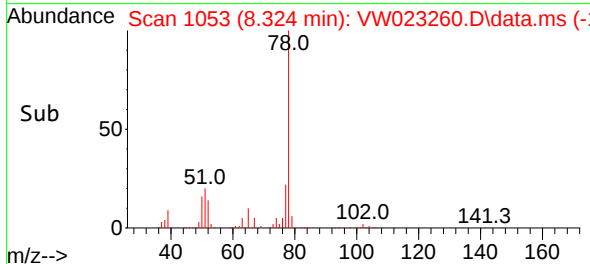
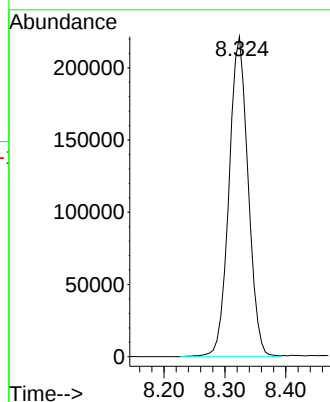
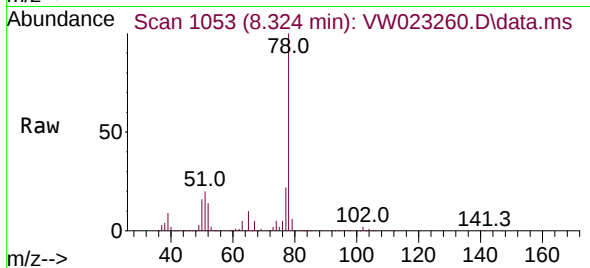




#33
Benzene
Concen: 26.883 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

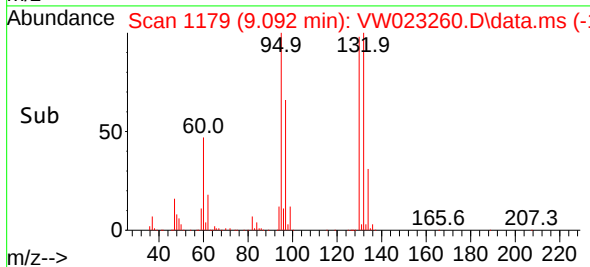
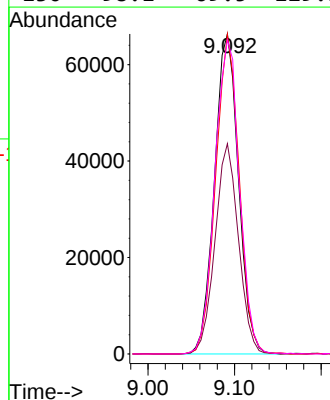
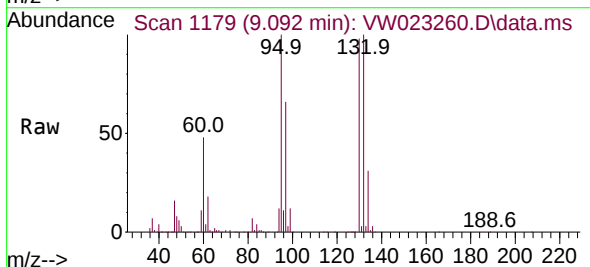
Tgt Ion: 78 Resp: 482682

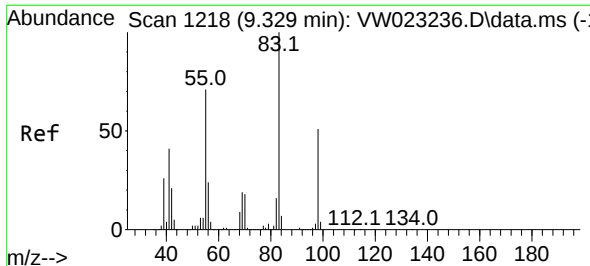


#34
Trichloroethene
Concen: 25.823 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

Tgt Ion: 95 Resp: 127510

Ion	Ratio	Lower	Upper
95	100		
97	65.7	46.1	85.7
132	99.9	66.9	124.3
130	98.1	69.5	129.1

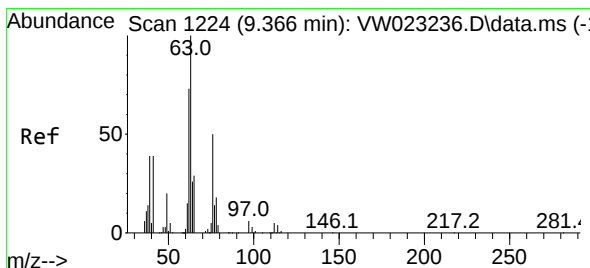
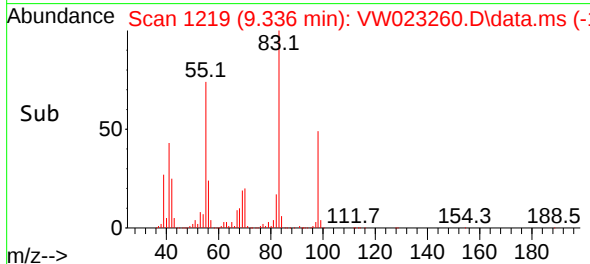
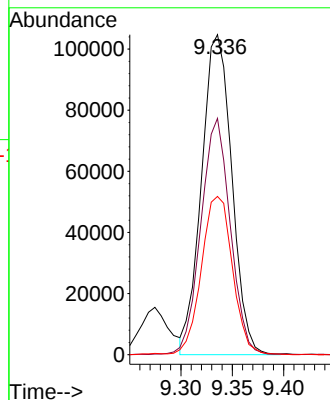
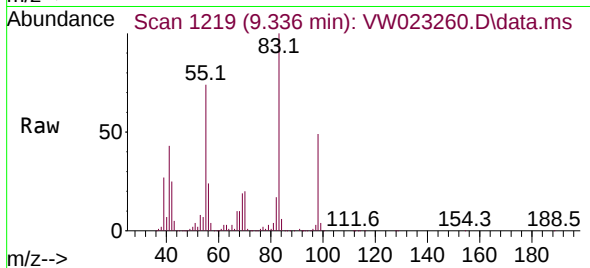




#35
Methylcyclohexane
Concen: 26.487 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

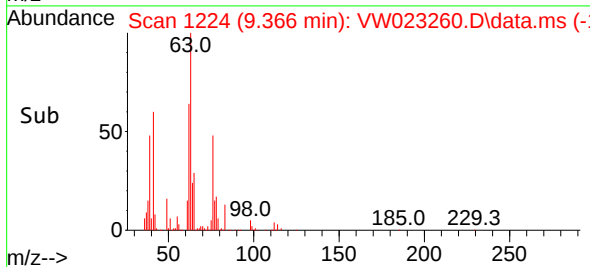
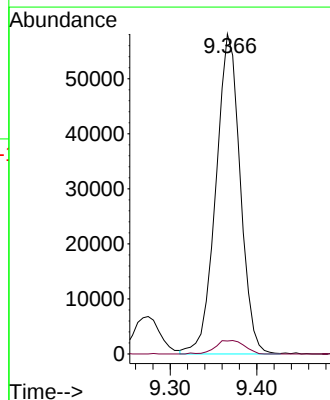
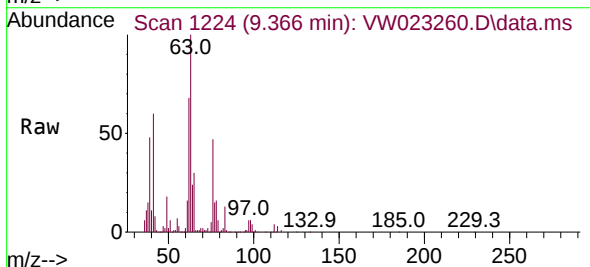
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

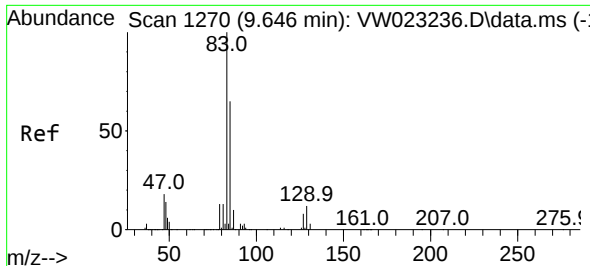
Tgt Ion: 83 Resp: 214864
Ion Ratio Lower Upper
83 100
55 71.6 55.1 82.7
98 50.8 40.4 60.6



#37
1,2-Dichloropropane
Concen: 26.108 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

Tgt Ion: 63 Resp: 113441
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.8

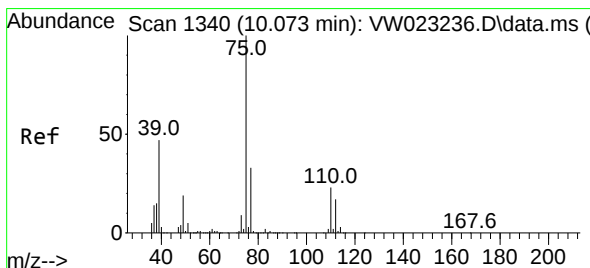
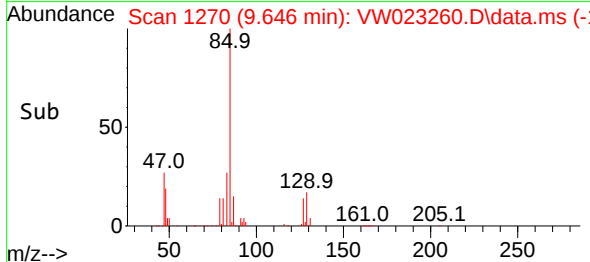
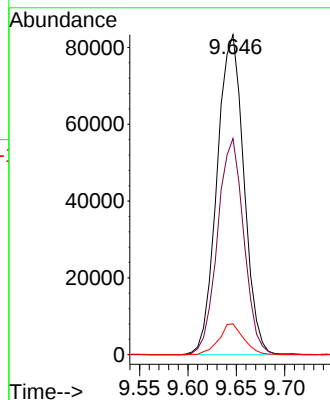
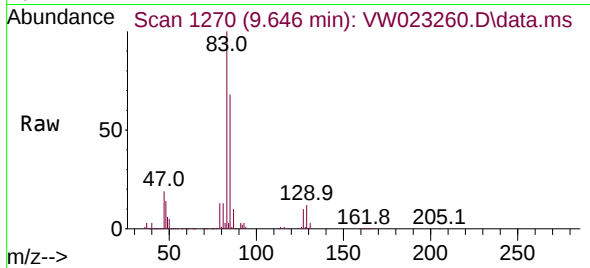




#38
Bromodichloromethane
Concen: 26.020 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

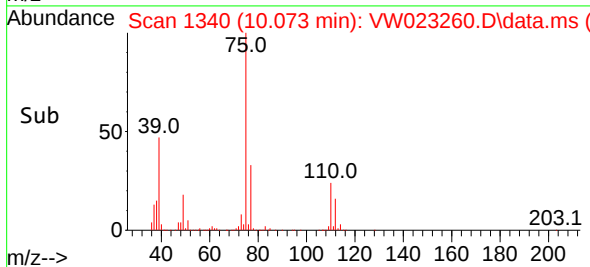
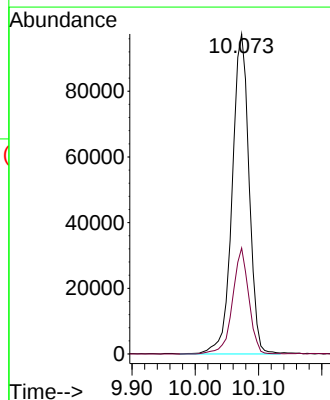
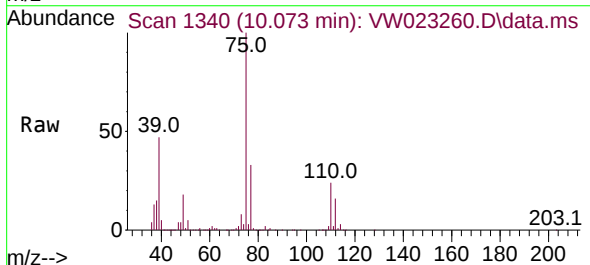
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

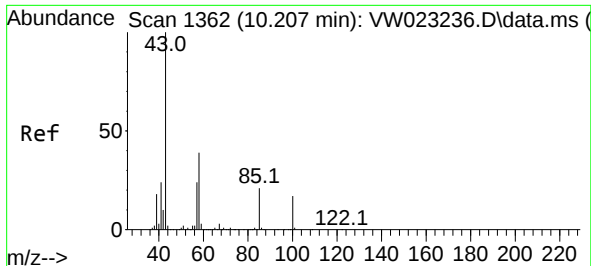
Tgt Ion: 83 Resp: 160584
Ion Ratio Lower Upper
83 100
85 67.5 43.5 80.7
127 9.7 7.1 10.7



#39
cis-1,3-Dichloropropene
Concen: 26.883 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

Tgt Ion: 75 Resp: 181123
Ion Ratio Lower Upper
75 100
77 33.1 22.1 41.1





#40

4-Methyl-2-pentanone

Concen: 45.800 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023260.D

Acq: 24 May 2022 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025548

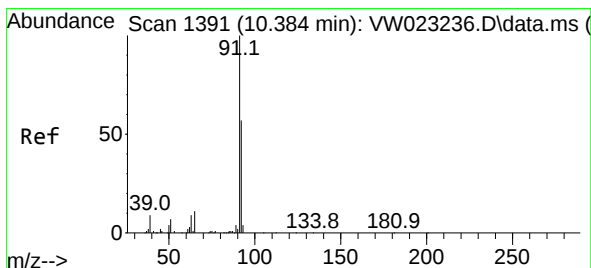
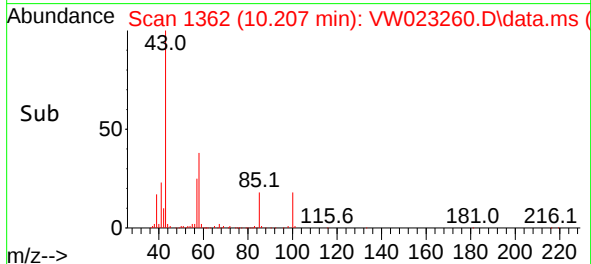
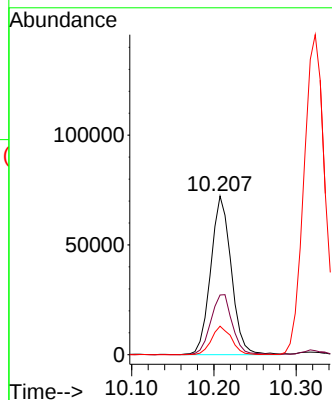
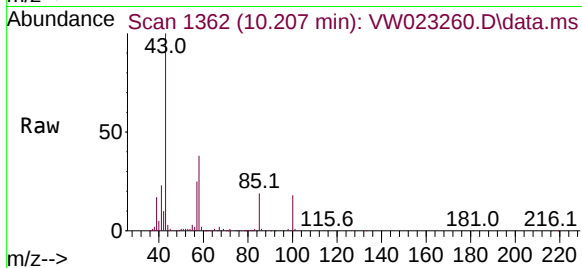
Tgt Ion: 43 Resp: 125433

Ion Ratio Lower Upper

43 100

58 39.6 31.4 47.2

100 17.4 14.2 21.4



#42

Toluene

Concen: 27.436 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW023260.D

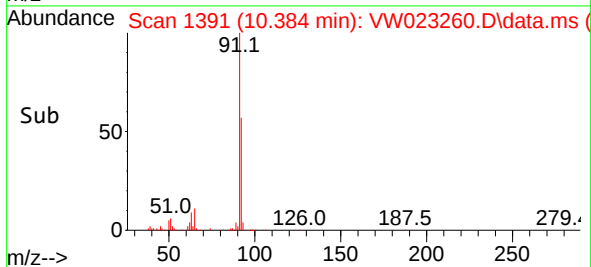
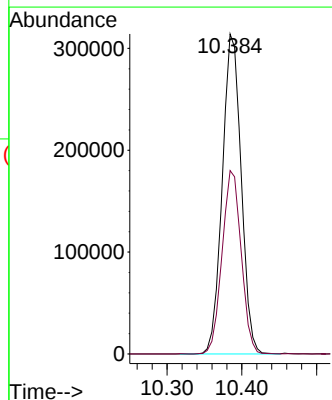
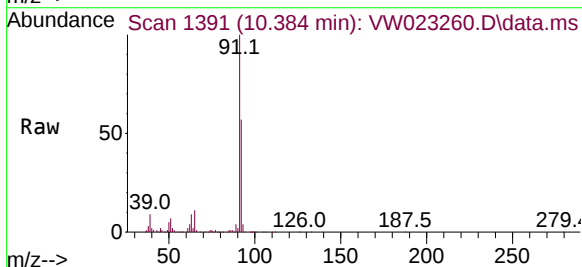
Acq: 24 May 2022 09:13

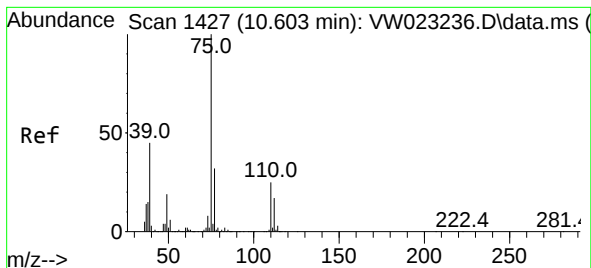
Tgt Ion: 91 Resp: 552066

Ion Ratio Lower Upper

91 100

92 57.3 41.6 77.2





#44

trans-1,3-Dichloropropene

Concen: 26.815 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW023260.D

Acq: 24 May 2022 09:13

Instrument :

MSVOA_W

ClientSampleId :

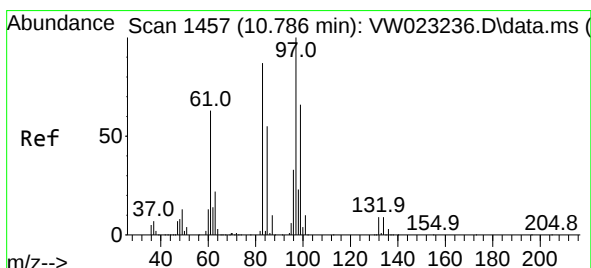
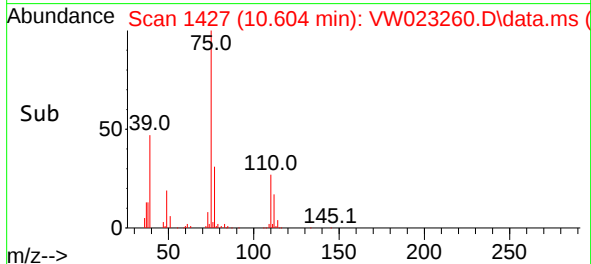
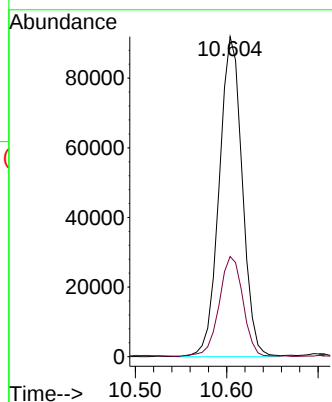
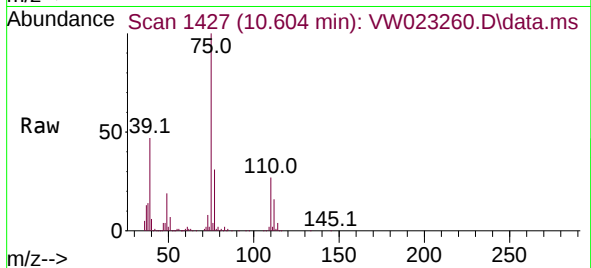
VSTD025548

Tgt Ion: 75 Resp: 161254

Ion Ratio Lower Upper

75 100

77 31.3 22.0 40.8



#45

1,1,2-Trichloroethane

Concen: 25.223 ug/L

RT: 10.787 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW023260.D

Acq: 24 May 2022 09:13

Tgt Ion: 97 Resp: 91620

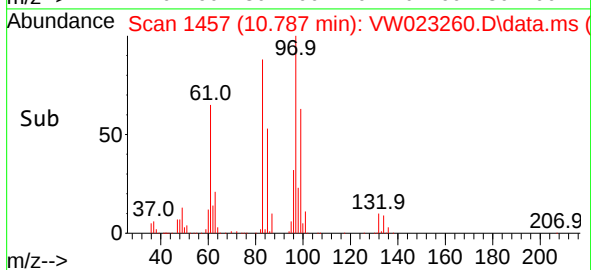
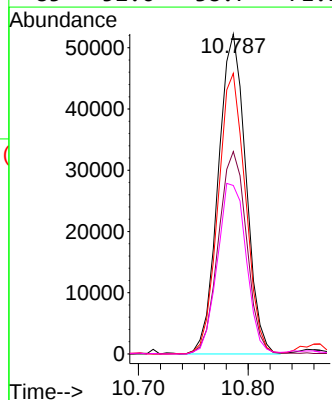
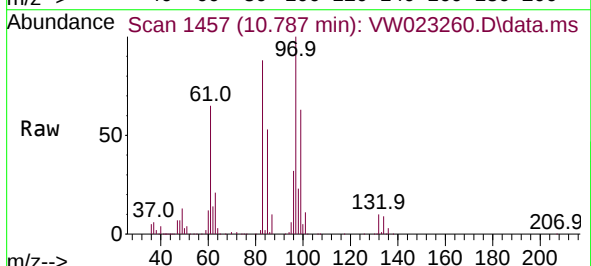
Ion Ratio Lower Upper

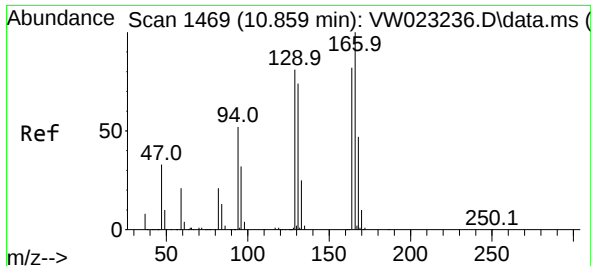
97 100

99 63.3 44.7 82.9

83 87.7 58.4 108.4

85 52.6 38.7 71.9

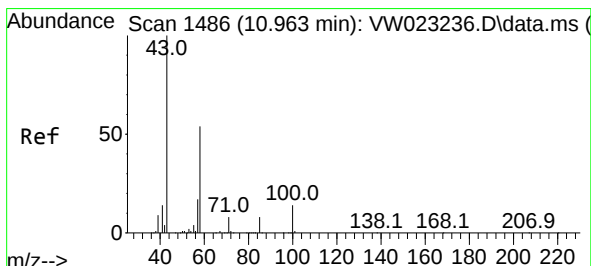
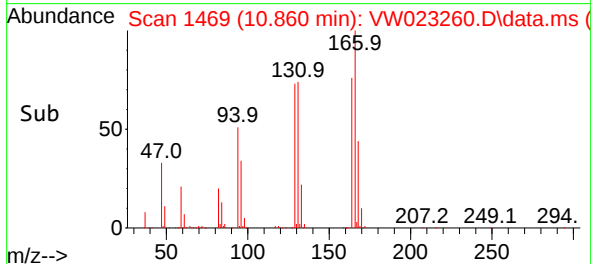
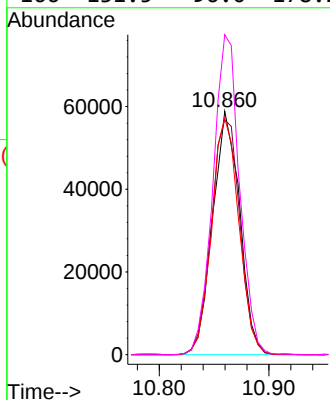
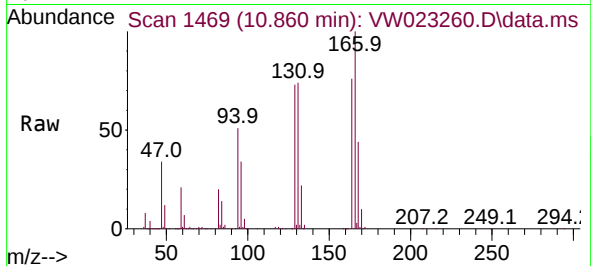




#46
Tetrachloroethene
Concen: 27.261 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

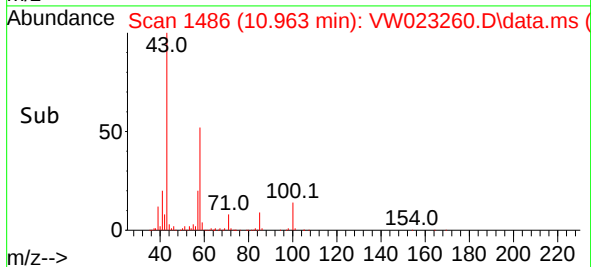
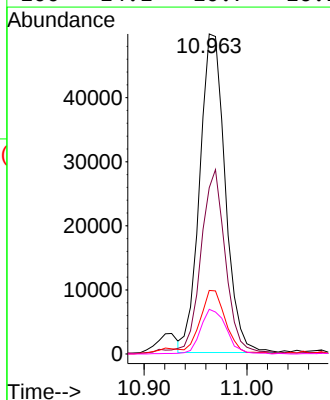
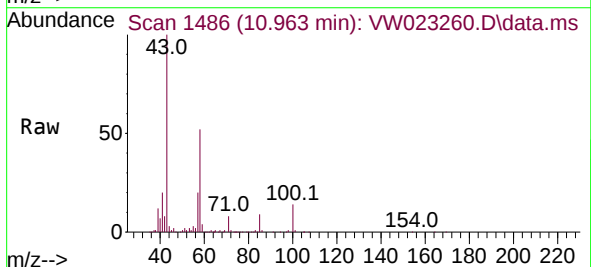
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

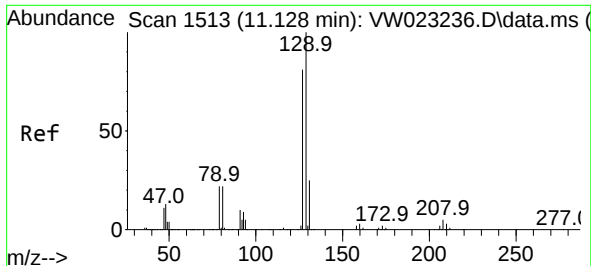
Tgt Ion:164 Resp: 101163
Ion Ratio Lower Upper
164 100
129 96.4 76.9 142.7
131 97.3 75.1 139.5
166 131.5 96.0 178.2



#48
2-Hexanone
Concen: 46.881 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

Tgt Ion: 43 Resp: 85787
Ion Ratio Lower Upper
43 100
58 56.1 45.9 68.9
57 18.6 16.2 24.2
100 14.1 10.7 16.1

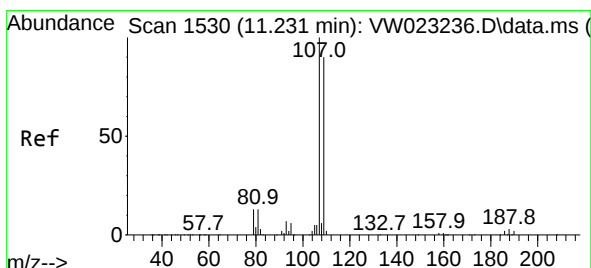
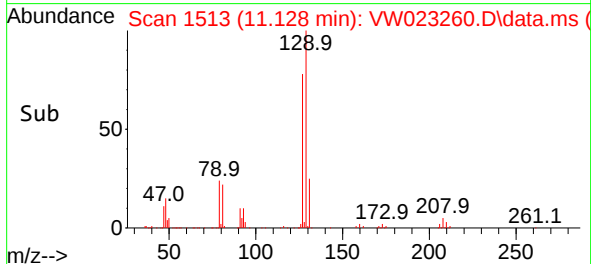
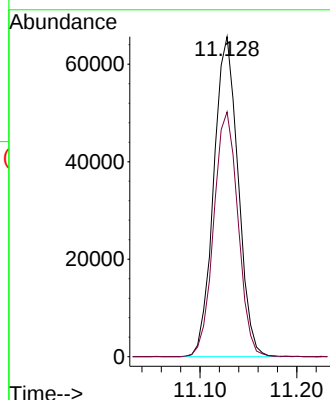
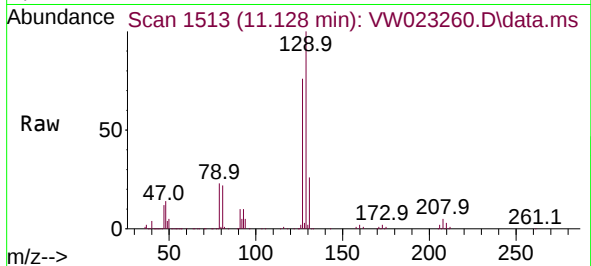




#49
Dibromochloromethane
Concen: 26.288 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

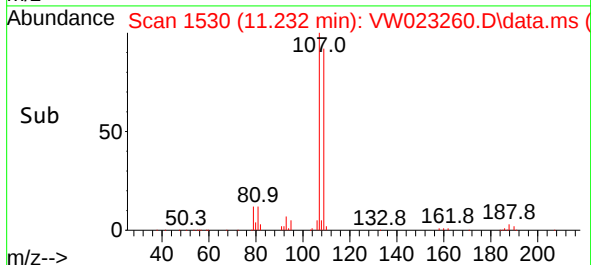
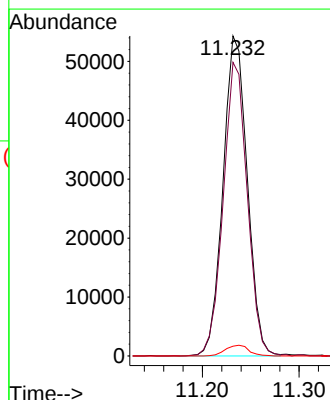
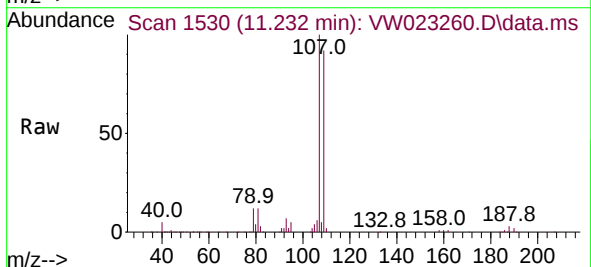
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

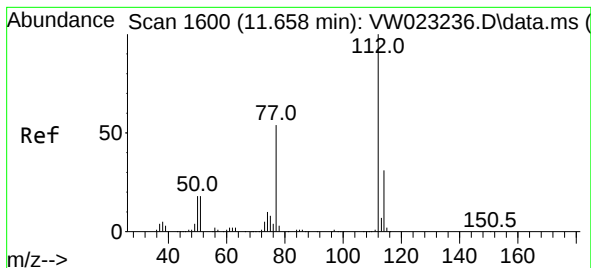
Tgt Ion:129 Resp: 114924
Ion Ratio Lower Upper
129 100
127 76.5 53.8 100.0



#50
1,2-Dibromoethane
Concen: 25.921 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

Tgt Ion:107 Resp: 94541
Ion Ratio Lower Upper
107 100
109 91.8 67.5 125.4
188 3.0 2.9 4.3





#51

Chlorobenzene

Concen: 26.986 ug/L

RT: 11.658 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023260.D

Acq: 24 May 2022 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025548

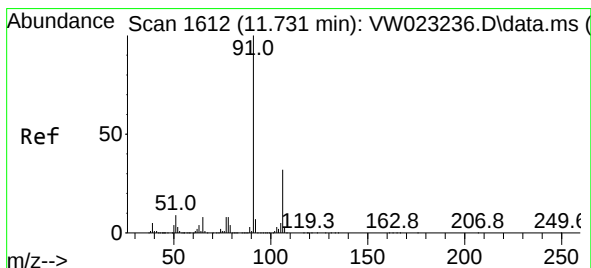
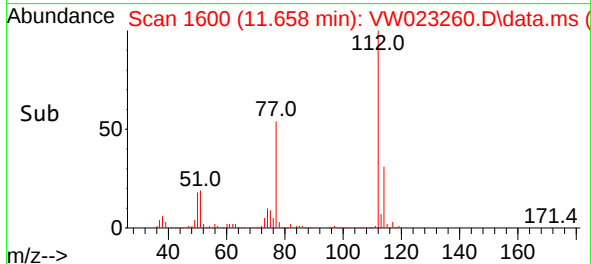
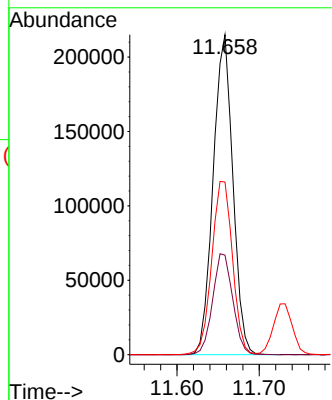
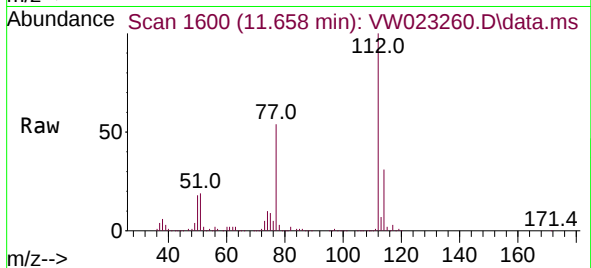
Tgt Ion:112 Resp: 357984

Ion Ratio Lower Upper

112 100

114 31.1 22.0 41.0

77 54.0 42.6 63.8



#52

Ethylbenzene

Concen: 27.358 ug/L

RT: 11.732 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VW023260.D

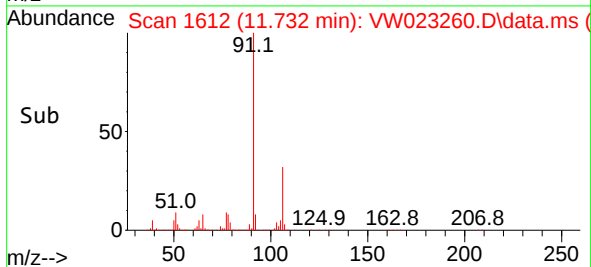
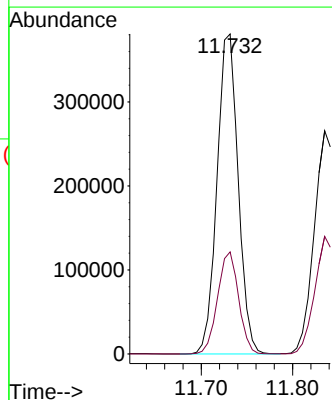
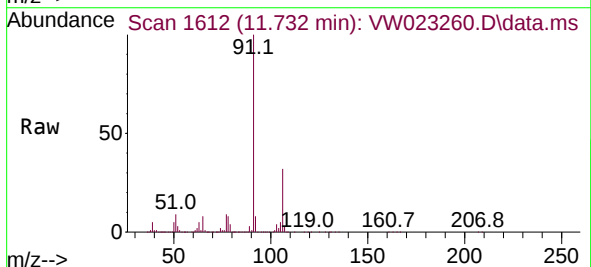
Acq: 24 May 2022 09:13

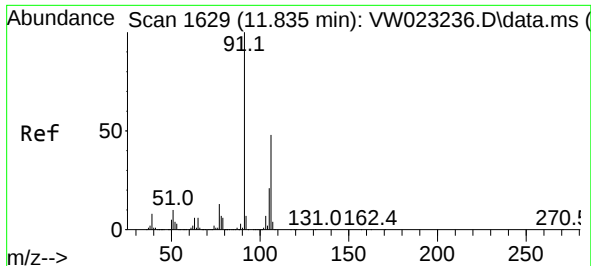
Tgt Ion: 91 Resp: 612446

Ion Ratio Lower Upper

91 100

106 31.9 22.3 41.3

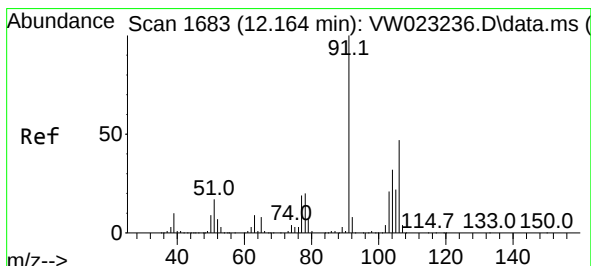
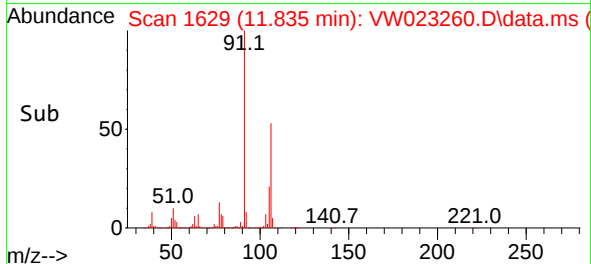
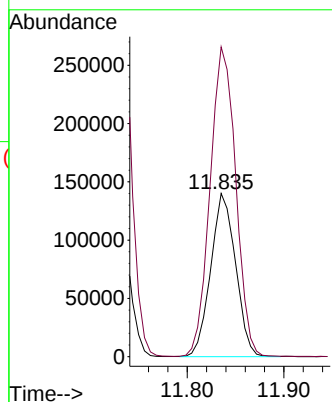
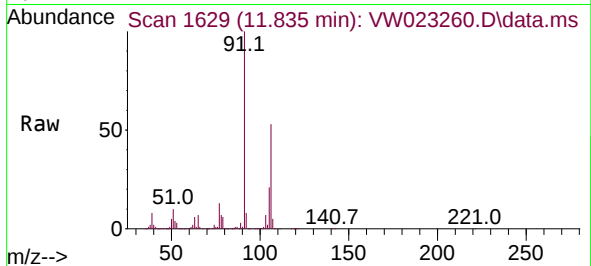




#53
m,p-Xylene
Concen: 28.382 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

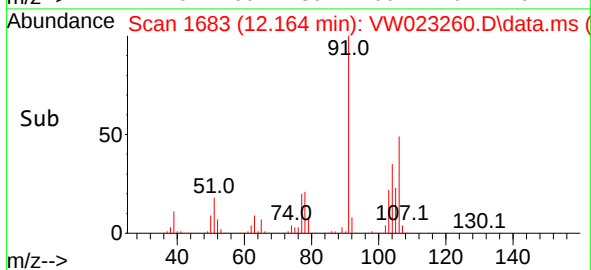
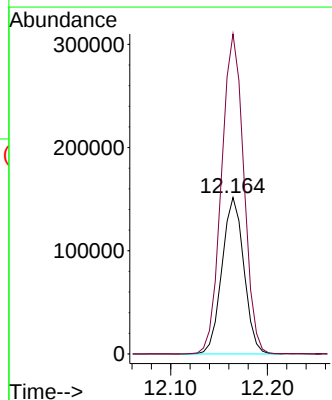
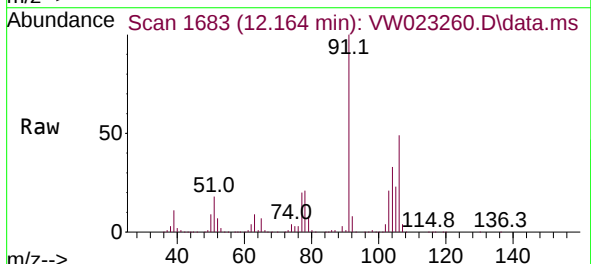
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

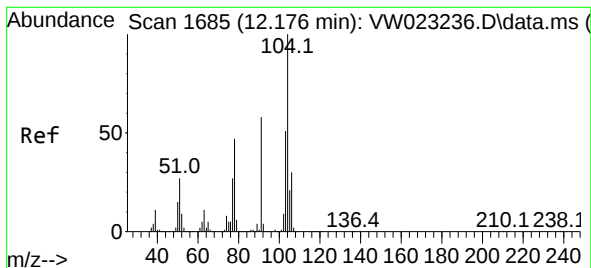
Tgt Ion:106 Resp: 250346
Ion Ratio Lower Upper
106 100
91 189.9 136.8 254.0



#54
o-Xylene
Concen: 28.148 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

Tgt Ion:106 Resp: 238257
Ion Ratio Lower Upper
106 100
91 204.4 147.2 273.4





#55

Styrene

Concen: 29.191 ug/L

RT: 12.177 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023260.D

Acq: 24 May 2022 09:13

Instrument :

MSVOA_W

ClientSampleId :

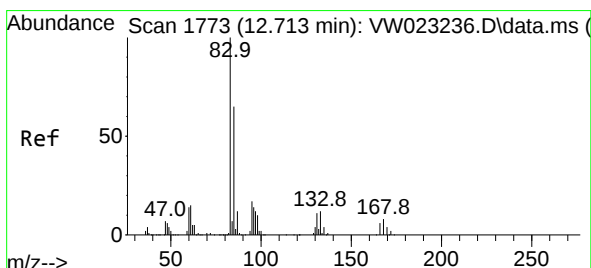
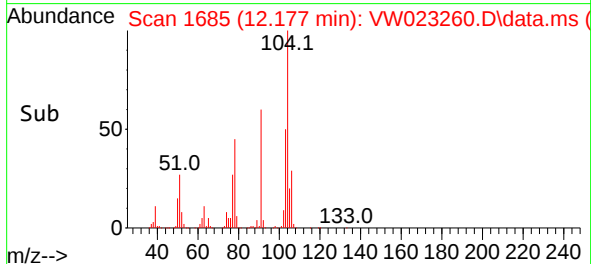
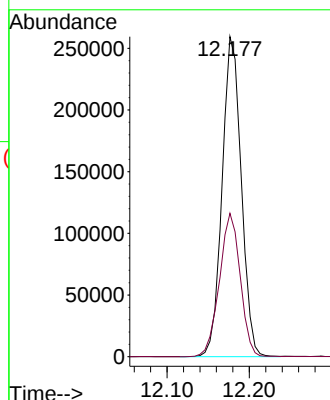
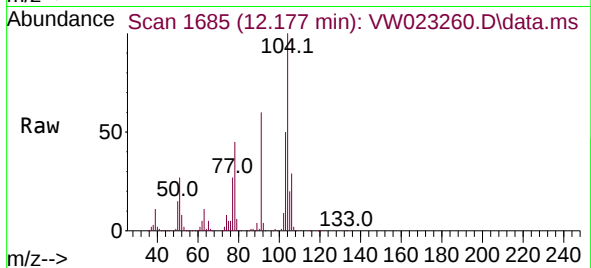
VSTD025548

Tgt Ion:104 Resp: 419856

Ion Ratio Lower Upper

104 100

78 44.8 32.3 59.9



#57

1,1,2,2-Tetrachloroethane

Concen: 24.654 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023260.D

Acq: 24 May 2022 09:13

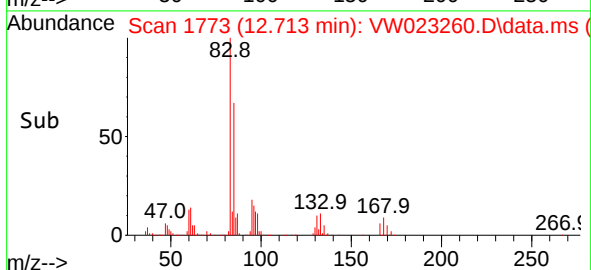
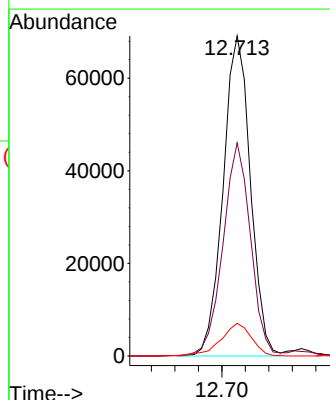
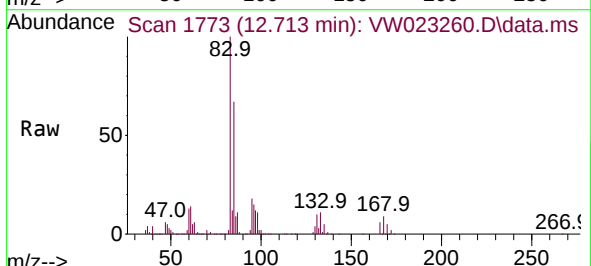
Tgt Ion: 83 Resp: 111854

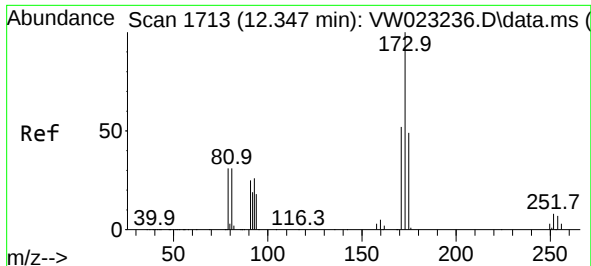
Ion Ratio Lower Upper

83 100

85 66.6 47.5 88.1

131 10.2 8.7 13.1

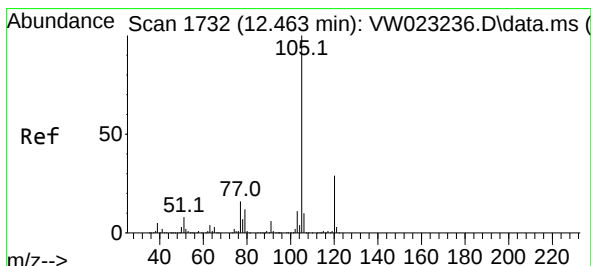
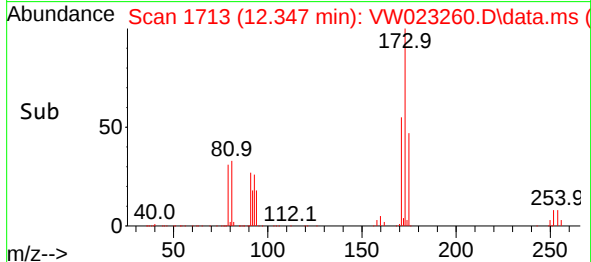
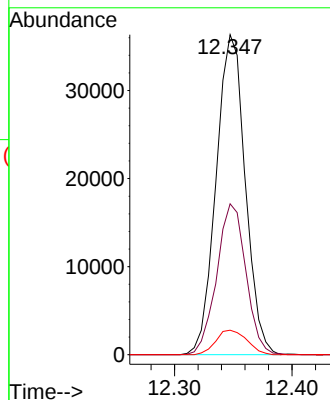
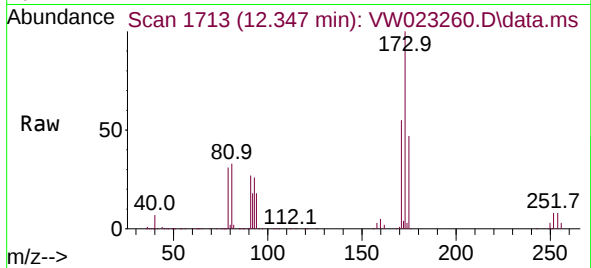




#59
Bromoform
Concen: 24.799 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

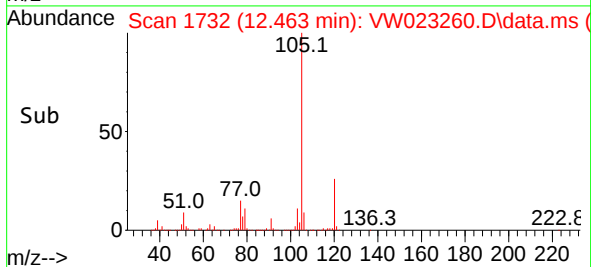
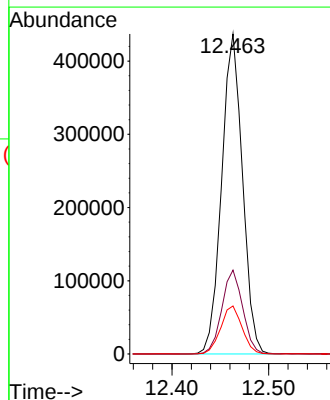
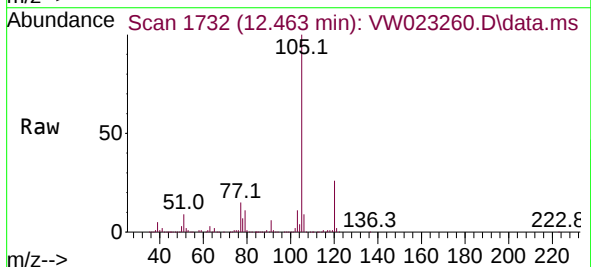
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

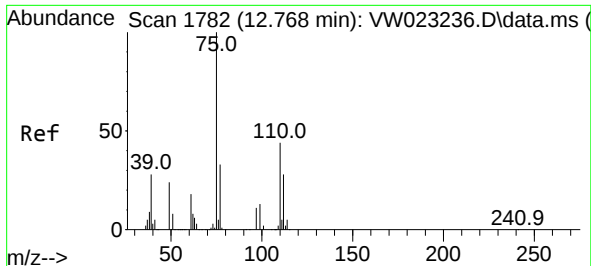
Tgt Ion:173 Resp: 62599
Ion Ratio Lower Upper
173 100
175 47.2 38.1 57.1
254 8.2 6.5 9.7



#60
Isopropylbenzene
Concen: 26.759 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

Tgt Ion:105 Resp: 652978
Ion Ratio Lower Upper
105 100
120 26.2 21.3 31.9
77 15.4 12.6 19.0





#61

1,2,3-Trichloropropane

Concen: 22.847 ug/L

RT: 12.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023260.D

Acq: 24 May 2022 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025548

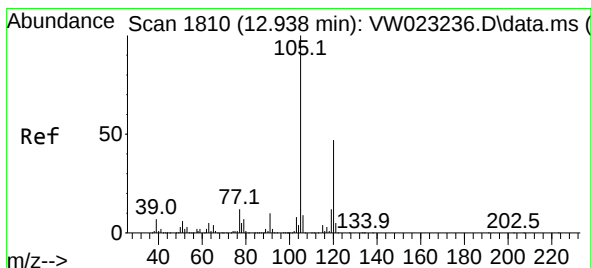
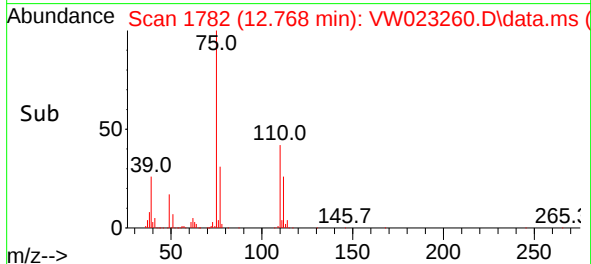
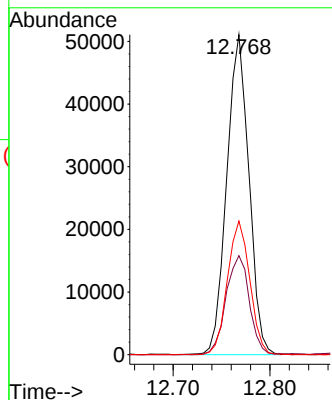
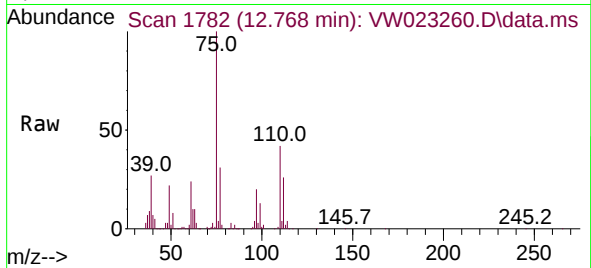
Tgt Ion: 75 Resp: 81312

Ion Ratio Lower Upper

75 100

77 32.5 26.2 39.2

110 42.1 34.1 51.1



#62

1,3,5-Trimethylbenzene

Concen: 26.185 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW023260.D

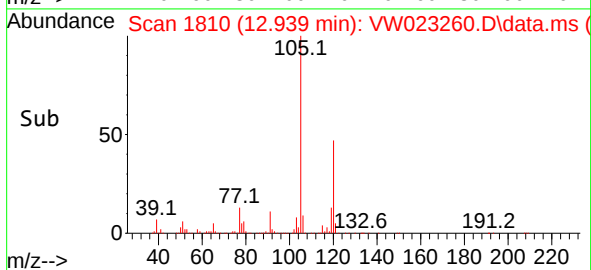
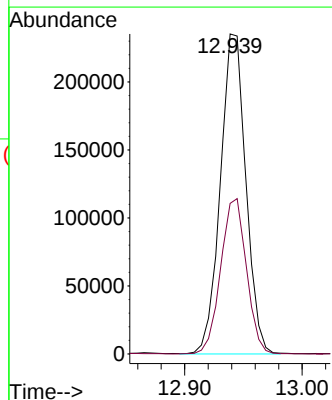
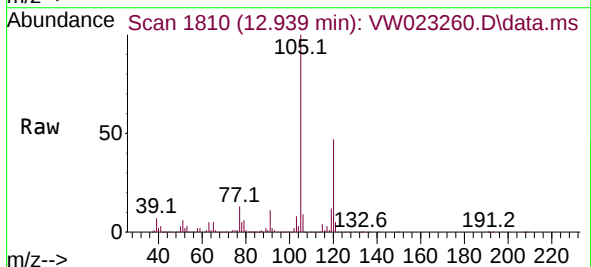
Acq: 24 May 2022 09:13

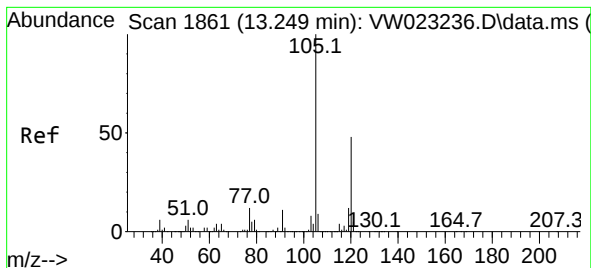
Tgt Ion:105 Resp: 355479

Ion Ratio Lower Upper

105 100

120 49.0 38.9 58.3

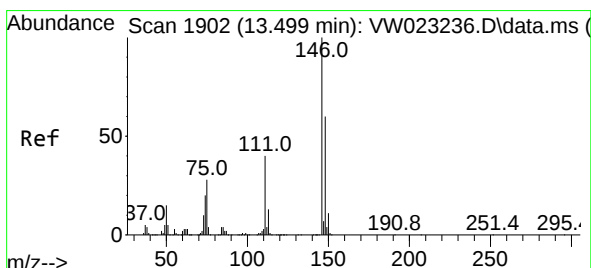
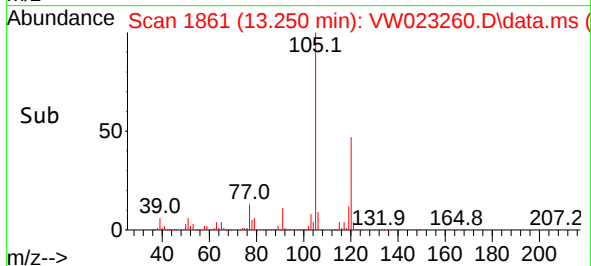
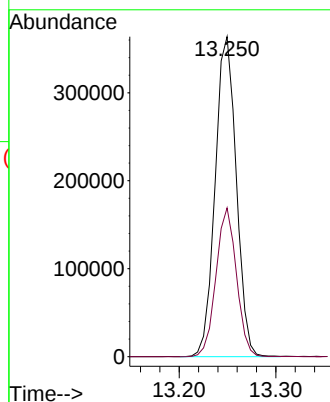
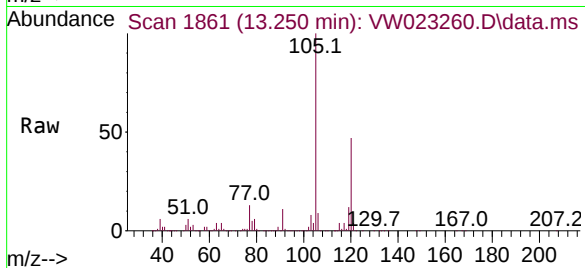




#63
1,2,4-Trimethylbenzene
Concen: 27.065 ug/L
RT: 13.250 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

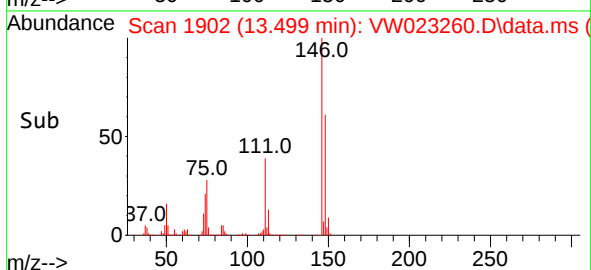
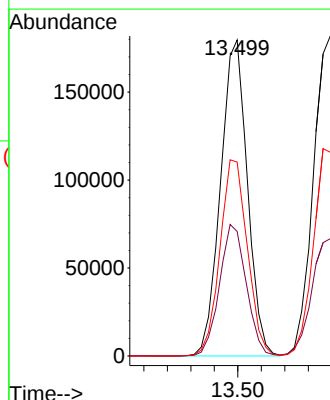
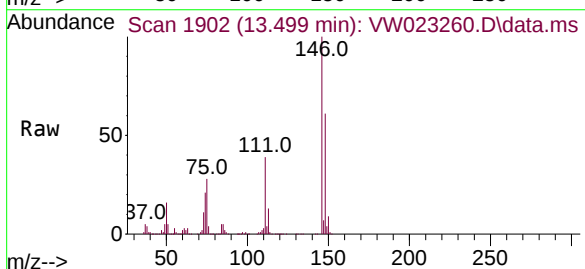
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

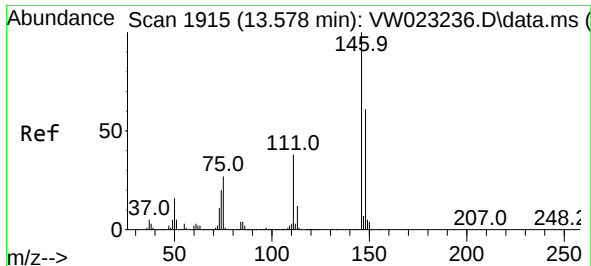
Tgt Ion:105 Resp: 551698
Ion Ratio Lower Upper
105 100
120 45.0 37.4 56.2



#64
1,3-Dichlorobenzene
Concen: 26.168 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

Tgt Ion:146 Resp: 285087
Ion Ratio Lower Upper
146 100
111 39.4 29.5 54.9
148 61.4 48.6 90.2

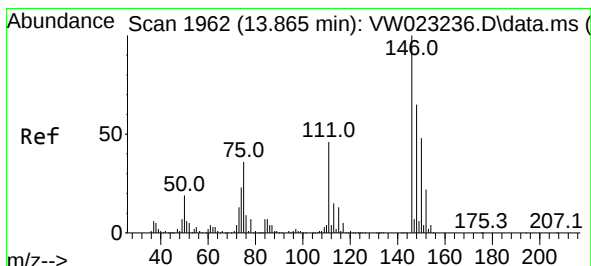
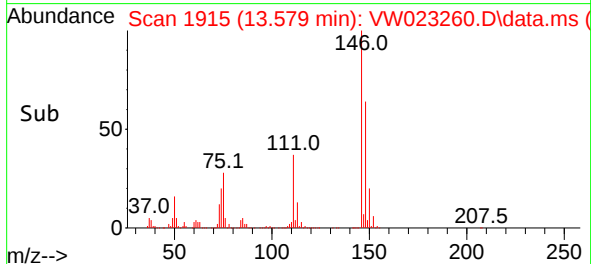
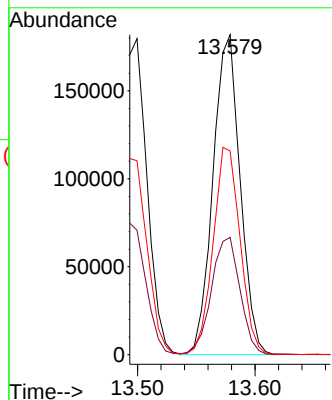
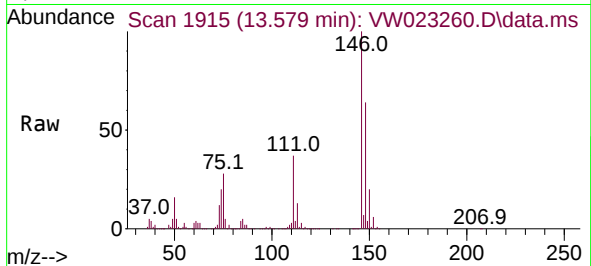




#65
1,4-Dichlorobenzene
Concen: 25.950 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

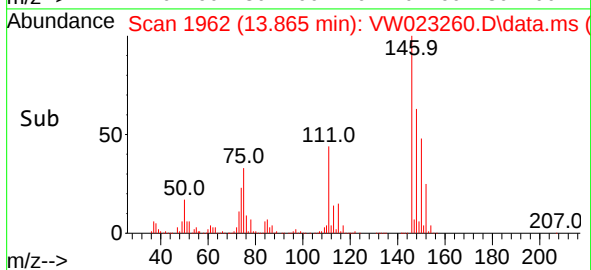
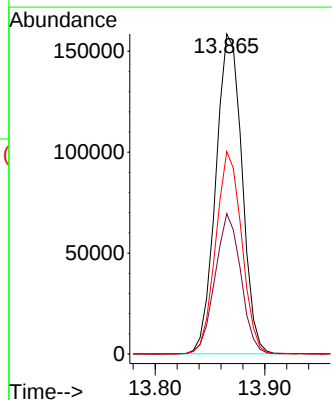
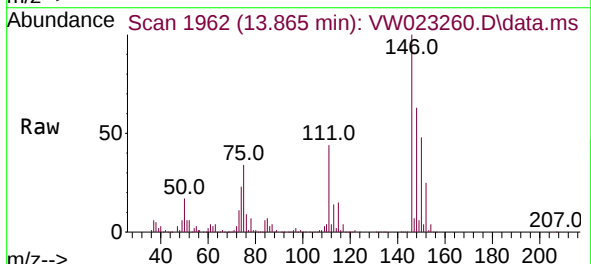
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

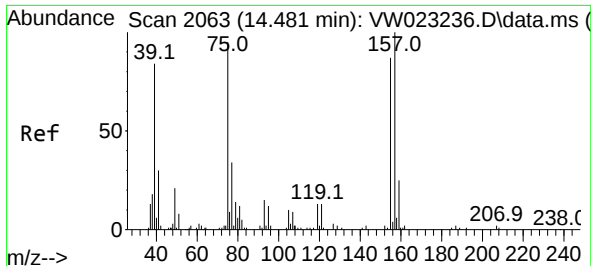
Tgt Ion:146 Resp: 292017
Ion Ratio Lower Upper
146 100
111 36.7 27.2 50.4
148 63.7 44.0 81.6



#67
1,2-Dichlorobenzene
Concen: 26.437 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

Tgt Ion:146 Resp: 263561
Ion Ratio Lower Upper
146 100
111 43.8 35.7 53.5
148 63.3 52.6 79.0





#68

1,2-Dibromo-3-chloropropane

Concen: 21.893 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023260.D

Acq: 24 May 2022 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025548

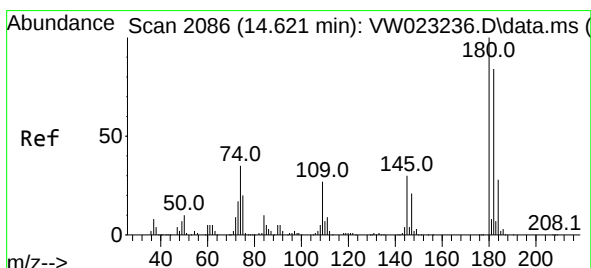
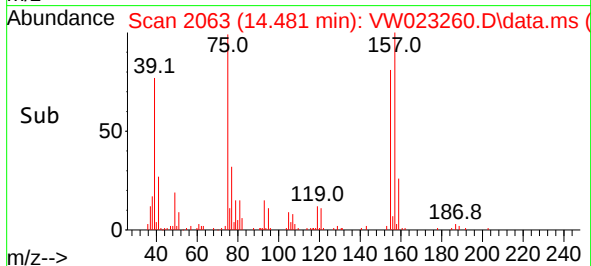
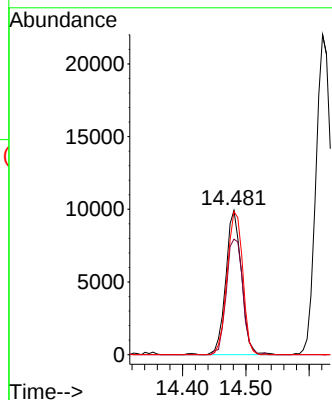
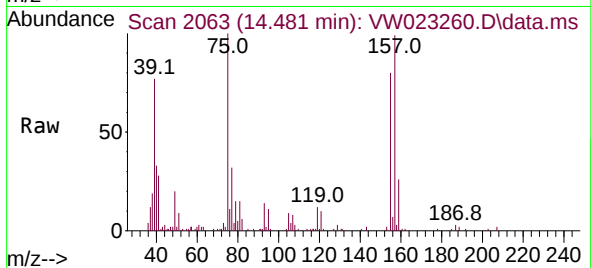
Tgt Ion: 75 Resp: 17029

Ion Ratio Lower Upper

75 100

155 80.1 59.3 88.9

157 99.3 89.8 134.8



#69

1,3,5-Trichlorobenzene

Concen: 26.560 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.006 min

Lab File: VW023260.D

Acq: 24 May 2022 09:13

Tgt Ion: 180 Resp: 192074

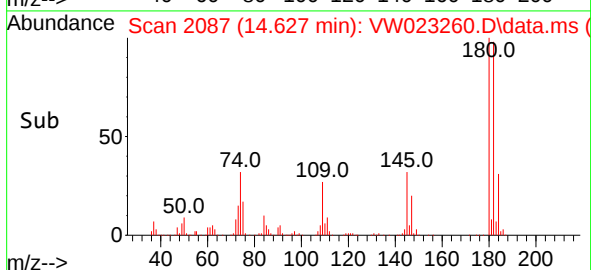
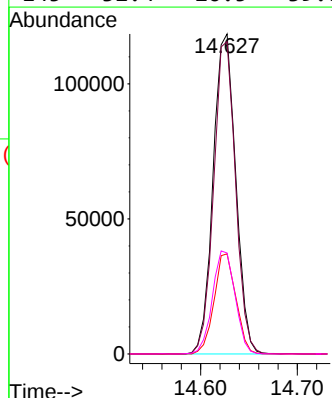
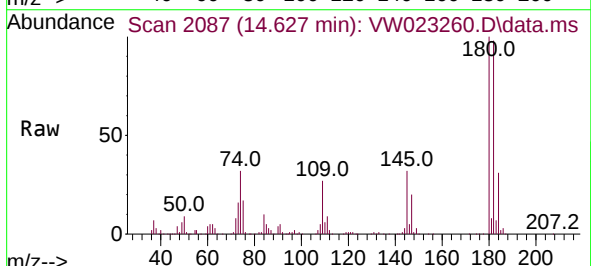
Ion Ratio Lower Upper

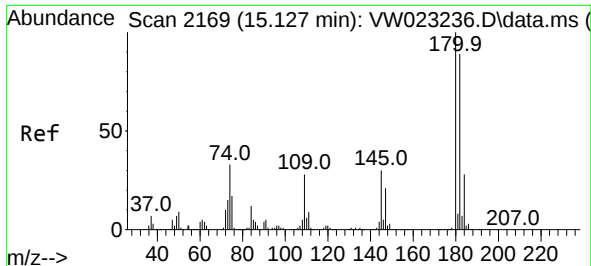
180 100

182 94.4 74.8 112.2

184 30.3 23.4 35.2

145 32.4 26.5 39.7

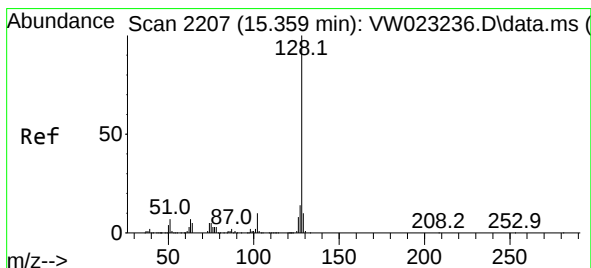
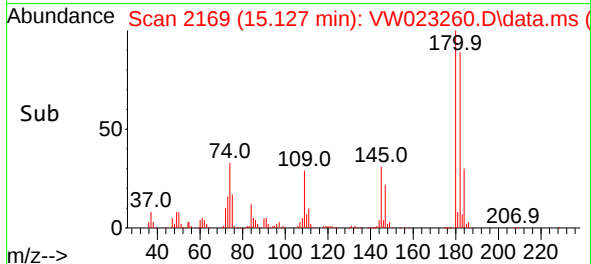
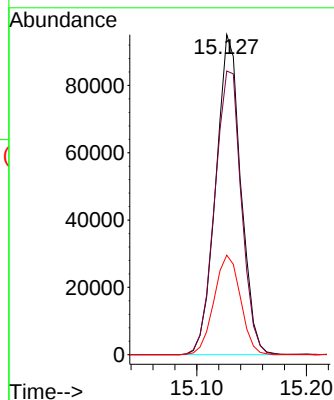
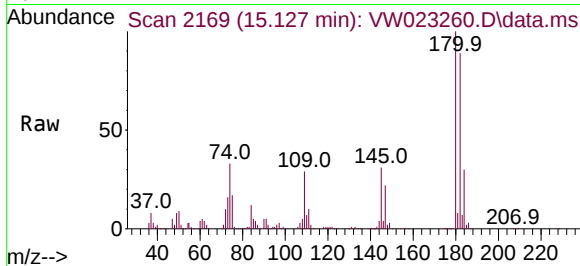




#70
1,2,4-trichlorobenzene
Concen: 25.976 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

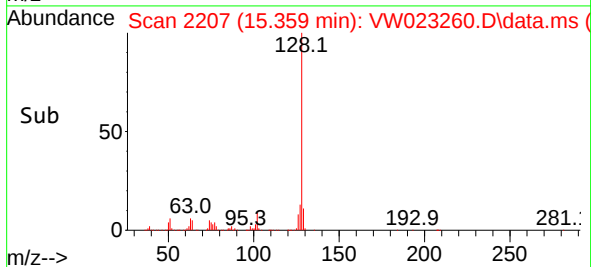
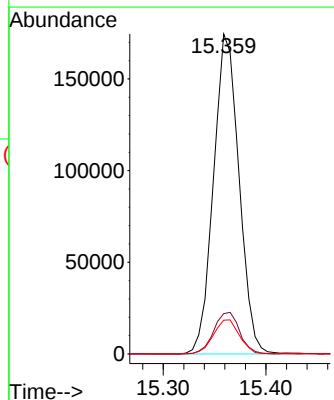
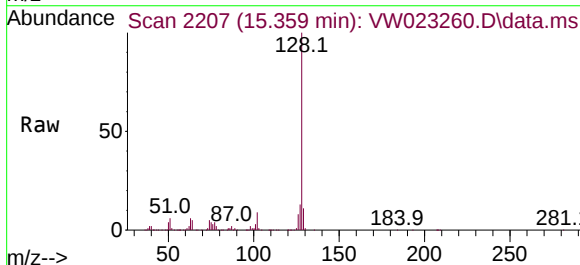
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

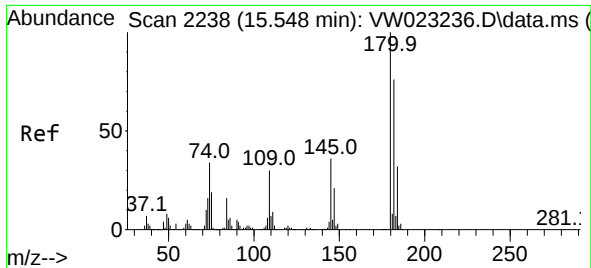
Tgt Ion:180 Resp: 151113
Ion Ratio Lower Upper
180 100
182 94.3 74.9 112.3
145 32.7 26.6 39.8



#71
Naphthalene
Concen: 23.798 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW023260.D
Acq: 24 May 2022 09:13

Tgt Ion:128 Resp: 300900
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.9 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 24.886 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW023260.D
 Acq: 24 May 2022 09:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025548

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	73.5	110.3
145	36.6	27.9	41.9

