

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071222\
 Data File : VW023598.D
 Acq On : 12 Jul 2022 08:34
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025596

Quant Time: Jul 13 01:28:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 12 01:39:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	328066	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	317262	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	180787	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	126461	21.295	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.160%
7) Chloroethane-d5	2.879	69	77536	22.829	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.320%
11) 1,1-Dichloroethene-d2	4.019	63	155496	23.224	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.880%
21) 2-Butanone-d5	7.080	46	62389	50.590	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.180%
24) Chloroform-d	7.647	84	226483	24.237	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.960%
26) 1,2-Dichloroethane-d4	8.305	65	122713	23.234	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.920%
32) Benzene-d6	8.275	84	413962	23.582	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.320%
36) 1,2-Dichloropropane-d6	9.275	67	122139	23.765	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.080%
41) Toluene-d8	10.323	98	395332	23.234	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.920%
43) trans-1,3-Dichloroprop...	10.579	79	53676	23.397	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.600%
47) 2-Hexanone-d5	10.921	63	52340	52.071	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.140%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	128956	25.292	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	155111	23.781	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	36417	18.558	ug/L	99
3) Chloromethane	2.215	50	92199	20.288	ug/L	96
5) Vinyl chloride	2.355	62	171243	23.180	ug/L	99
6) Bromomethane	2.776	94	92152	21.607	ug/L	99
8) Chloroethane	2.916	64	65474	23.459	ug/L	92
9) Trichlorofluoromethane	3.251	101	53730	18.231	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	109097	23.317	ug/L	98
12) 1,1-Dichloroethene	4.038	96	92874	23.806	ug/L	90
13) Acetone	4.123	43	43944	48.349	ug/L	98
14) Carbon disulfide	4.379	76	261288	22.496	ug/L	99
15) Methyl Acetate	4.672	43	49607	23.253	ug/L	100
16) Methylene chloride	4.916	84	106865	19.208	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	104888	22.337	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	165625	23.889	ug/L	99
19) 1,1-Dichloroethane	6.208	63	192061	23.317	ug/L	98
22) 2-Butanone	7.171	43	70350	43.137	ug/L	100
23) Bromochloromethane	7.513	128	57698	22.546	ug/L	95
25) Chloroform	7.671	83	218588	23.363	ug/L	93
27) 1,2-Dichloroethane	8.397	62	147249	23.256	ug/L	97

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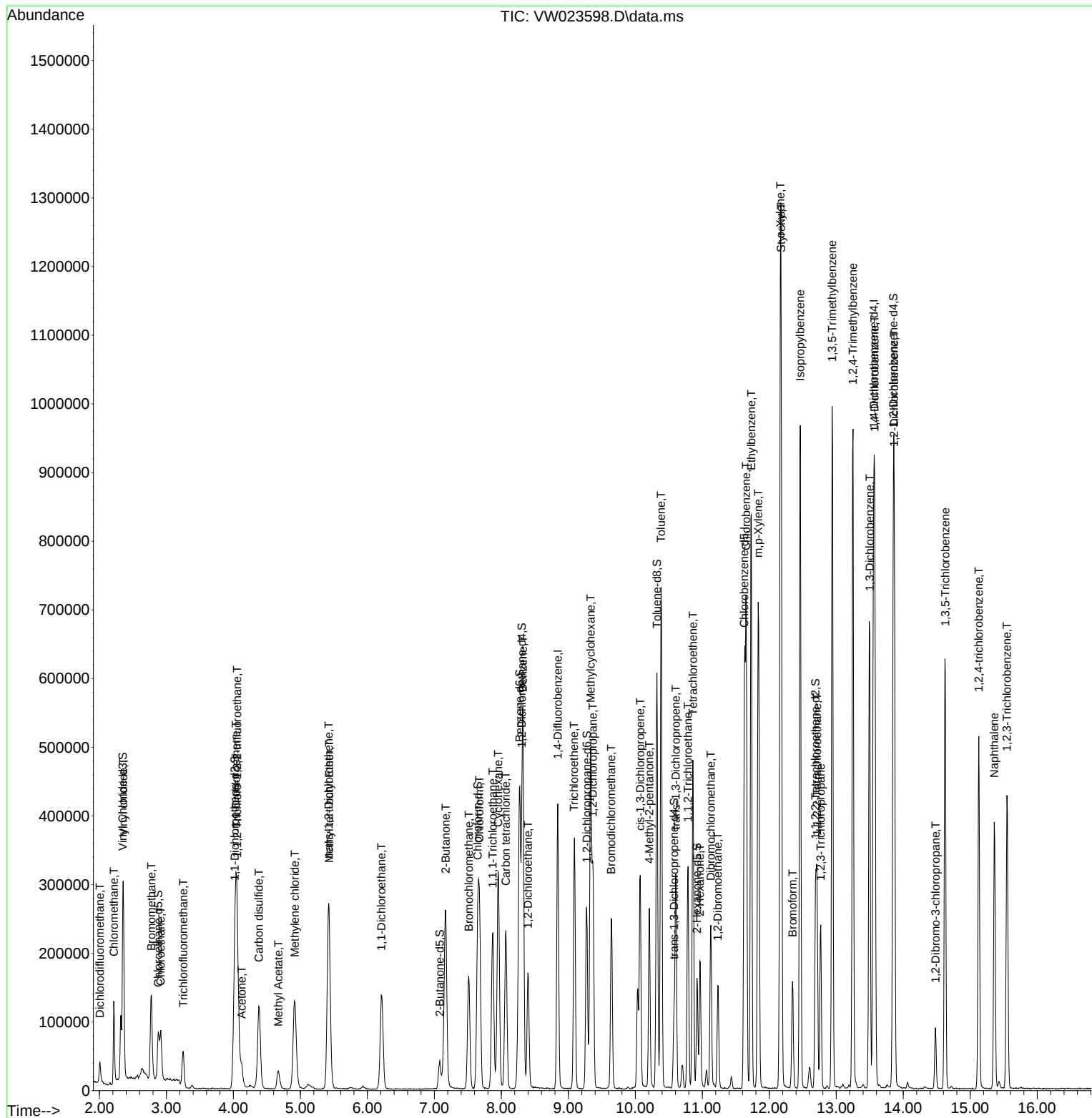
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.952	56	157275	23.829	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	179755	23.831	ug/L	98
31) Carbon tetrachloride	8.067	117	166321	23.801	ug/L	100
33) Benzene	8.323	78	465205	23.352	ug/L	100
34) Trichloroethene	9.086	95	120070	23.124	ug/L	90
35) Methylcyclohexane	9.335	83	199767	23.915	ug/L	100
37) 1,2-Dichloropropane	9.366	63	113344	23.534	ug/L	100
38) Bromodichloromethane	9.640	83	162528	23.901	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	178460	24.291	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	156047	48.667	ug/L	99
42) Toluene	10.384	91	527844	24.284	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	164422	24.273	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	98547	23.771	ug/L	97
46) Tetrachloroethene	10.860	164	96852	23.730	ug/L	97
48) 2-Hexanone	10.963	43	113319	49.883	ug/L	98
49) Dibromochloromethane	11.128	129	120672	24.451	ug/L	99
50) 1,2-Dibromoethane	11.231	107	96645	23.614	ug/L	96
51) Chlorobenzene	11.652	112	353564	23.891	ug/L	98
52) Ethylbenzene	11.731	91	585857	23.872	ug/L	98
53) m,p-Xylene	11.835	106	231106	24.274	ug/L	99
54) o-Xylene	12.164	106	222477	24.401	ug/L	97
55) Styrene	12.176	104	398978	25.164	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	129834	24.340	ug/L	94
59) Bromoform	12.347	173	68550	22.668	ug/L	99
60) Isopropylbenzene	12.463	105	617287	23.626	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	92854	22.593	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	514472	23.745	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	502813	23.199	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	276761	22.394	ug/L	98
65) 1,4-Dichlorobenzene	13.573	146	283027	22.579	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	261470	22.942	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	20669	21.341	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	184633	23.024	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	145455	22.449	ug/L	100
71) Naphthalene	15.359	128	318453	22.769	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	135495	22.559	ug/L	98

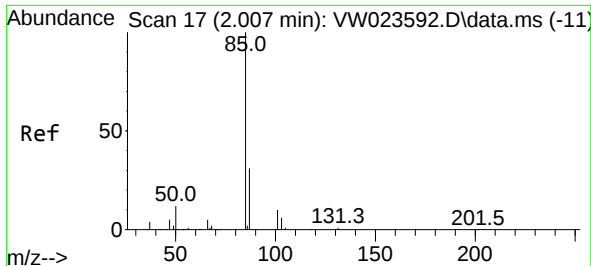
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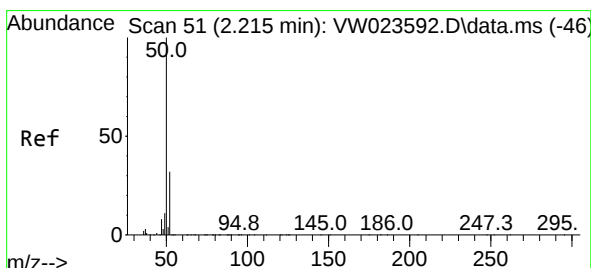
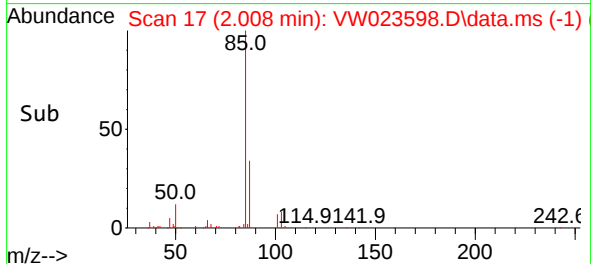
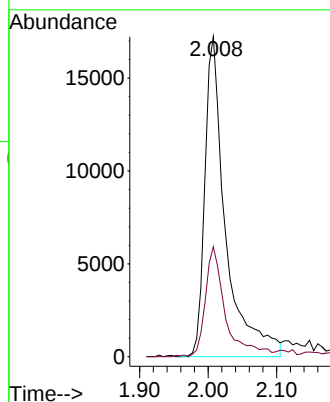
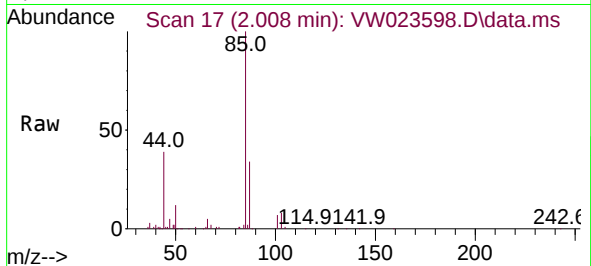




#2
 Dichlorodifluoromethane
 Concen: 18.558 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023598.D
 Acq: 12 Jul 2022 08:34

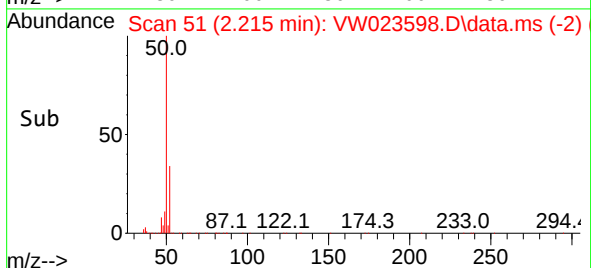
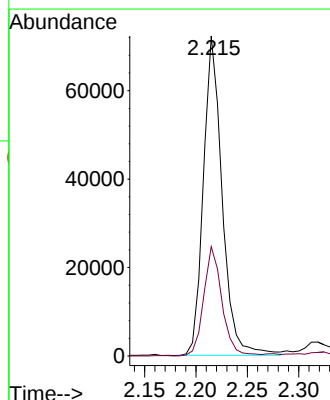
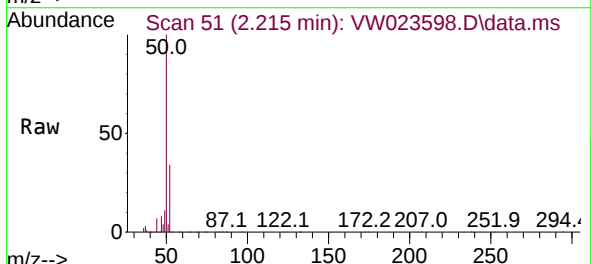
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 ClientSampleId :
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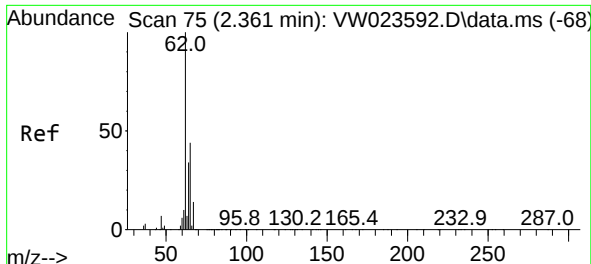
Tgt Ion: 85 Resp: 36417
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.0 39.0



#3
 Chloromethane
 Concen: 20.288 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023598.D
 Acq: 12 Jul 2022 08:34

Tgt Ion: 50 Resp: 92199
 Ion Ratio Lower Upper
 50 100
 52 34.2 22.5 41.9

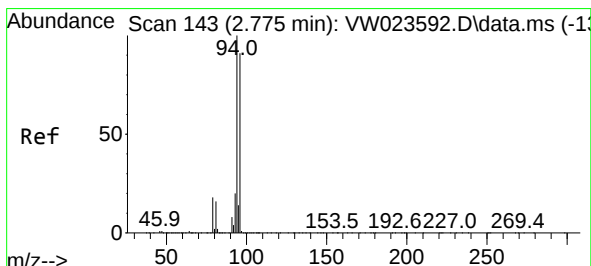
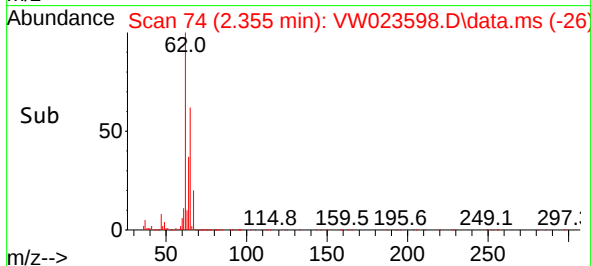
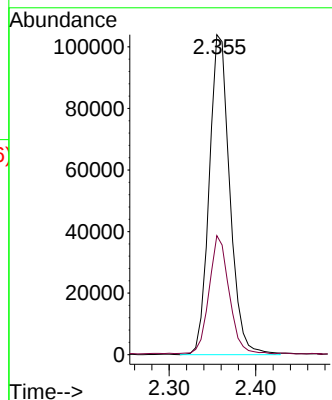
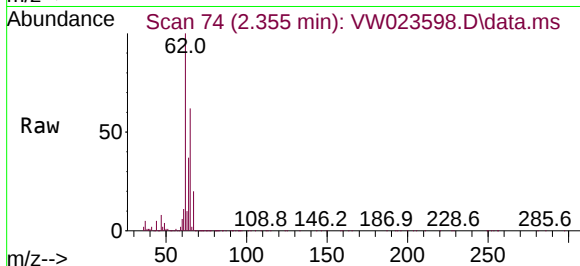




#5
 Vinyl chloride
 Concen: 23.180 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023598.D
 Acq: 12 Jul 2022 08:34

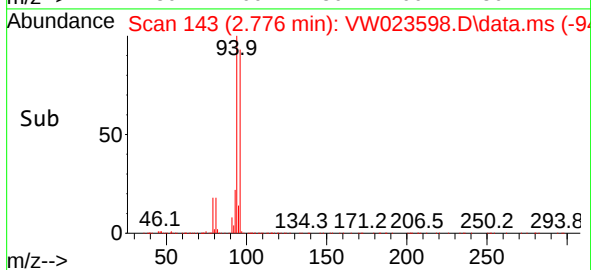
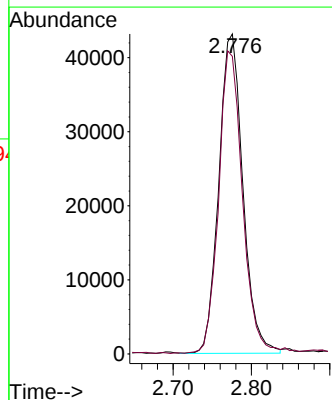
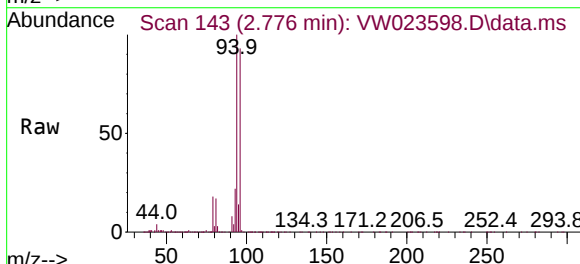
Instrument :
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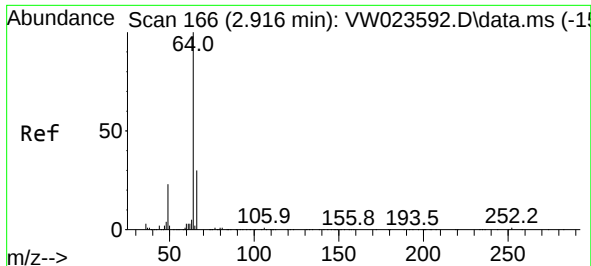
Tgt Ion: 62 Resp: 171243
 Ion Ratio Lower Upper
 62 100
 64 37.2 25.8 47.8



#6
 Bromomethane
 Concen: 21.607 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW023598.D
 Acq: 12 Jul 2022 08:34

Tgt Ion: 94 Resp: 92152
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.6 121.8





#8

Chloroethane

Concen: 23.459 ug/L

RT: 2.916 min Scan# 166

Delta R.T. 0.000 min

Lab File: VW023598.D

Acq: 12 Jul 2022 08:34

Instrument :

MSVOA_W

ClientSampleId :

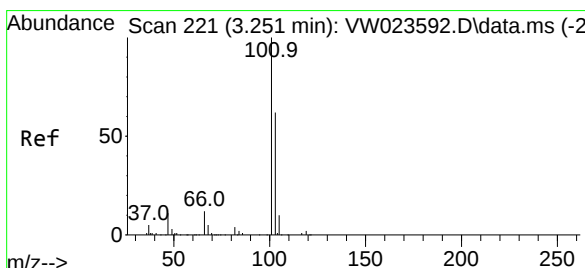
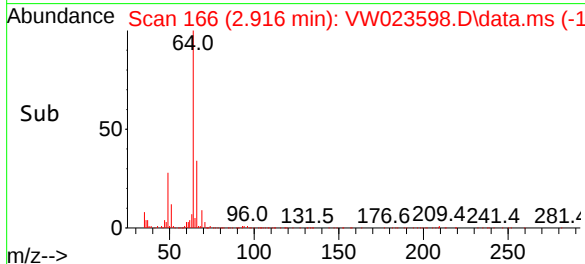
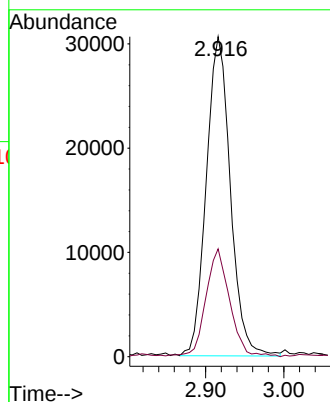
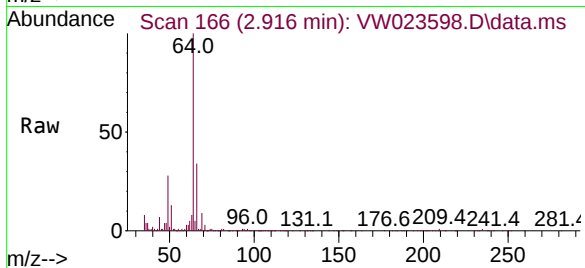
VSTD025596

Tgt Ion: 64 Resp: 65474

Ion Ratio Lower Upper

64 100

66 33.7 20.6 38.2



#9

Trichlorofluoromethane

Concen: 18.231 ug/L

RT: 3.251 min Scan# 221

Delta R.T. 0.000 min

Lab File: VW023598.D

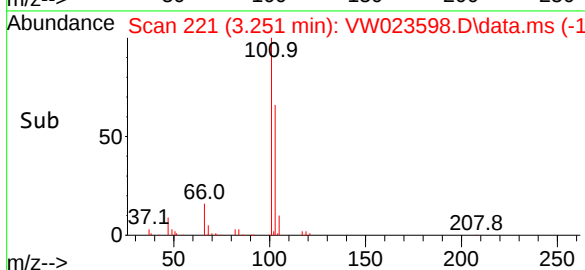
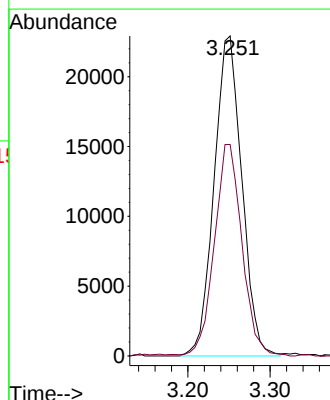
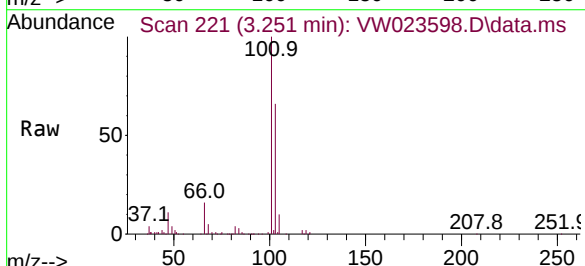
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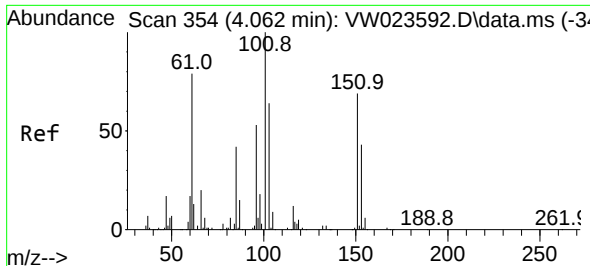
Tgt Ion: 101 Resp: 53730

Ion Ratio Lower Upper

101 100

103 65.7 53.2 79.8

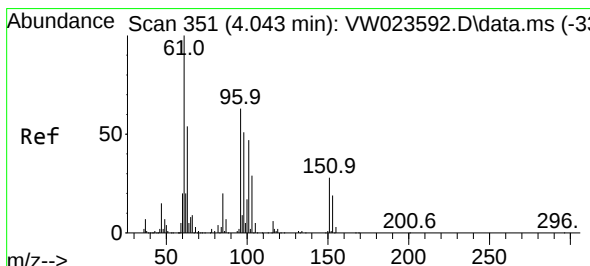
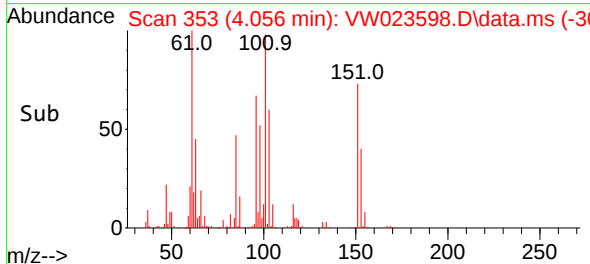
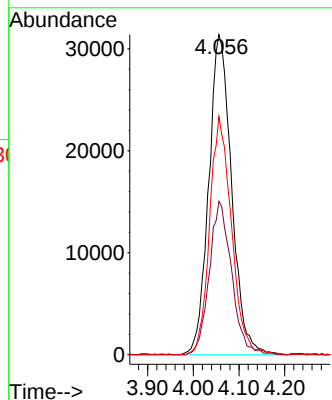
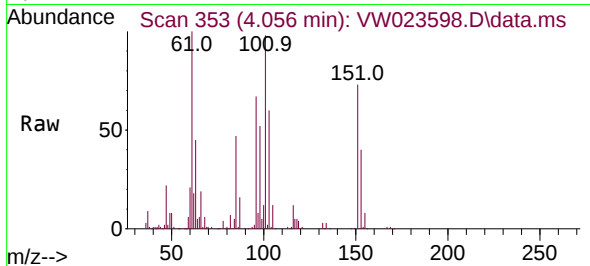




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.317 ug/L
RT: 4.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

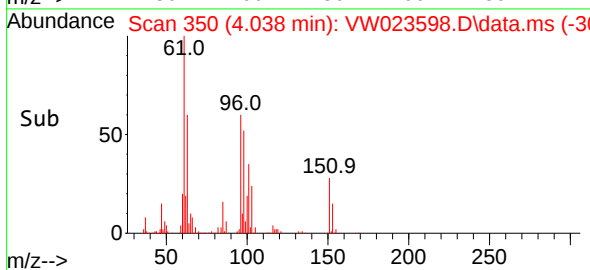
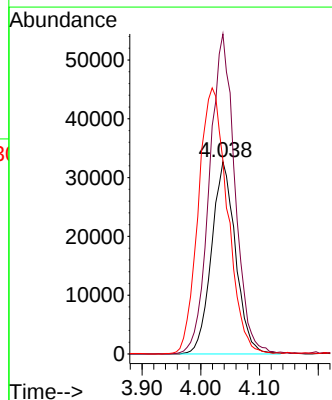
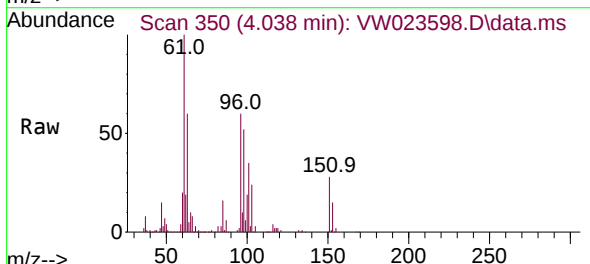
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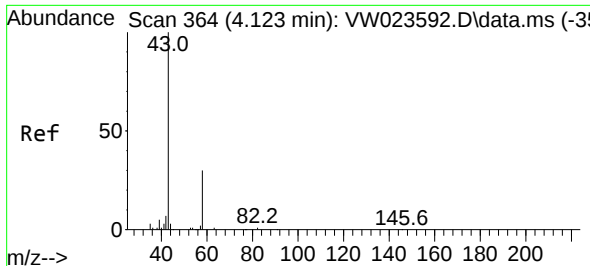
Tgt Ion:101 Resp: 109097
Ion Ratio Lower Upper
101 100
85 45.8 37.0 55.4
151 70.4 54.6 81.8



#12
1,1-Dichloroethene
Concen: 23.806 ug/L
RT: 4.038 min Scan# 350
Delta R.T. -0.006 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

Tgt Ion: 96 Resp: 92874
Ion Ratio Lower Upper
96 100
61 166.5 122.0 226.6
63 100.7 83.0 154.2

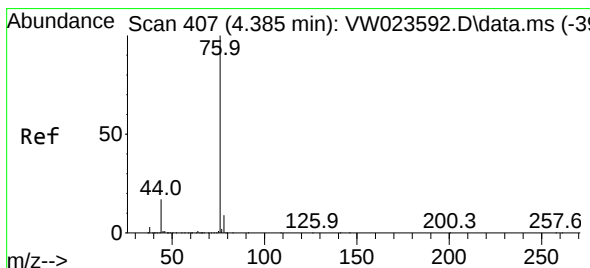
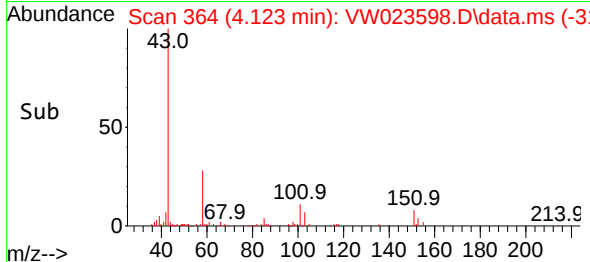
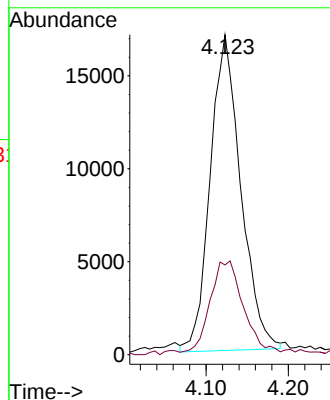
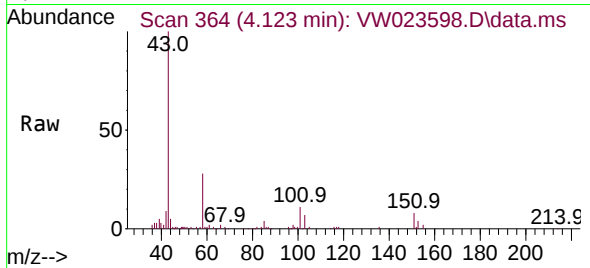




#13
Acetone
Concen: 48.349 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

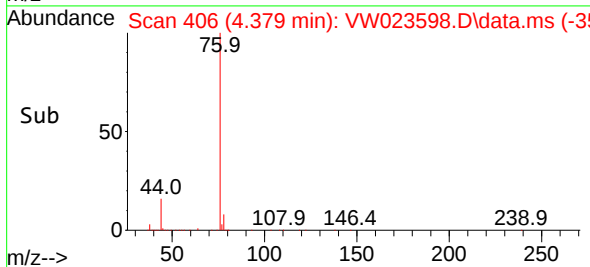
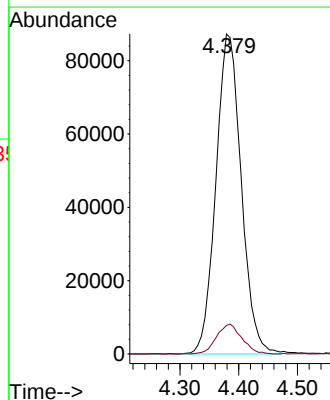
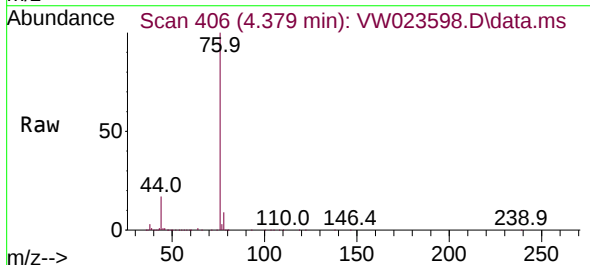
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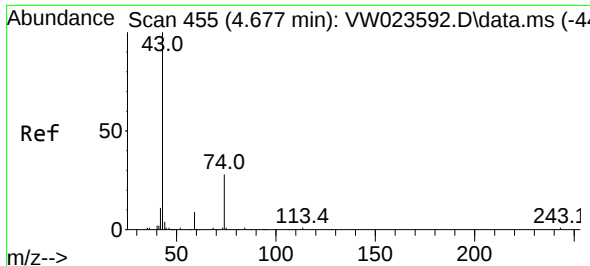
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Ion Ratio Lower Upper
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58 31.8 0.0 61.2



#14
Carbon disulfide
Concen: 22.496 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 261288
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

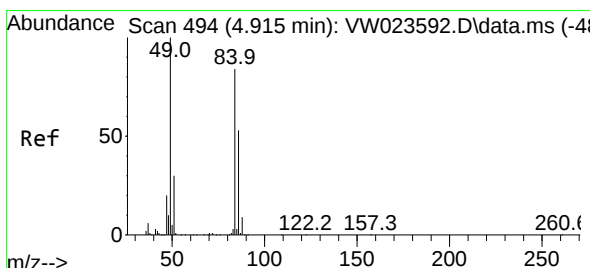
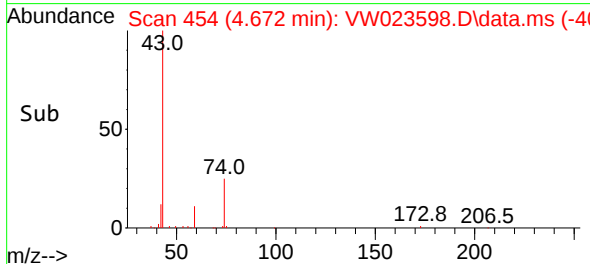
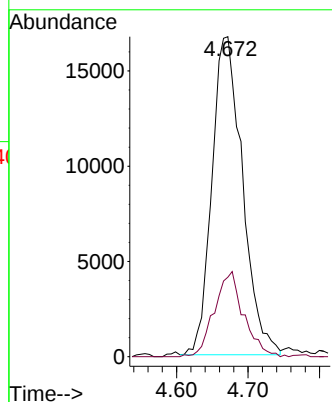
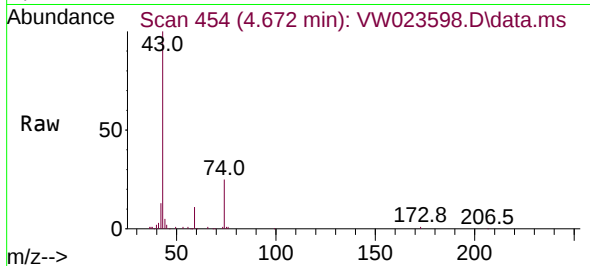




#15
Methyl Acetate
Concen: 23.253 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

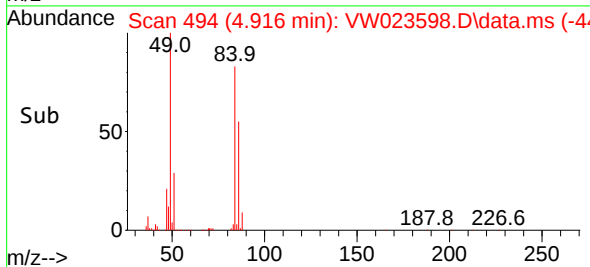
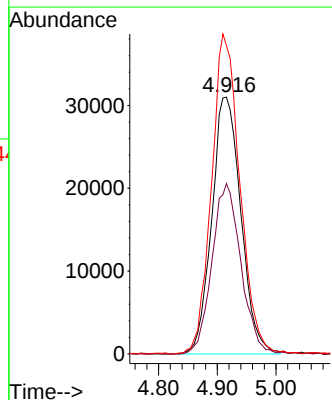
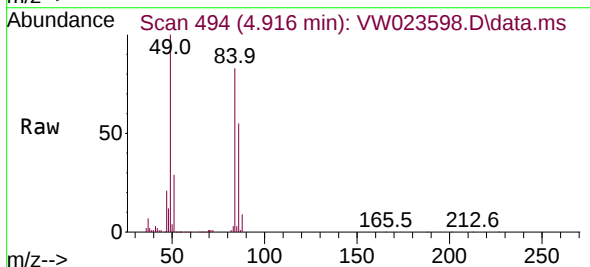
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

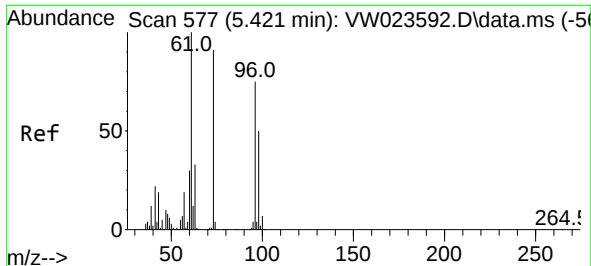
Tgt Ion: 43 Resp: 49607
Ion Ratio Lower Upper
43 100
74 25.5 20.4 30.6



#16
Methylene chloride
Concen: 19.208 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

Tgt Ion: 84 Resp: 106865
Ion Ratio Lower Upper
84 100
86 66.4 44.9 83.3
49 120.1 87.6 162.6

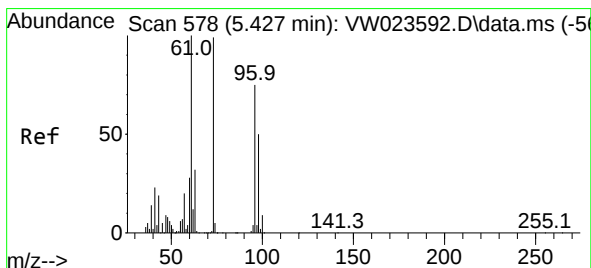
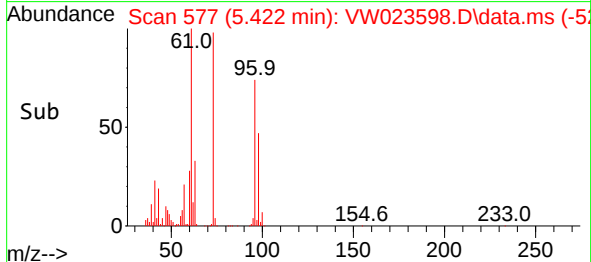
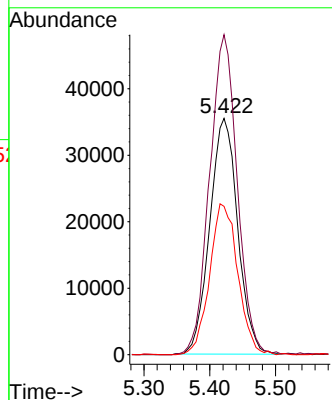
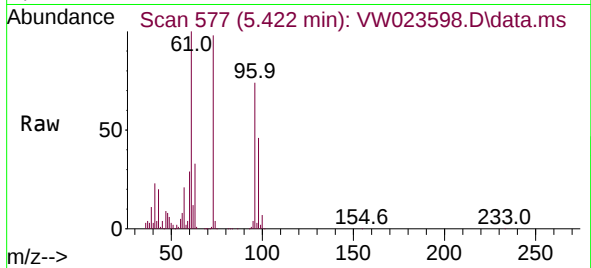




#17
trans-1,2-Dichloroethene
Concen: 22.337 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

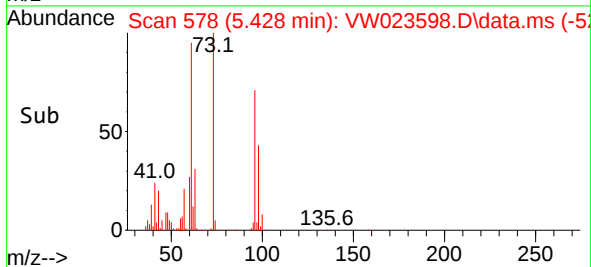
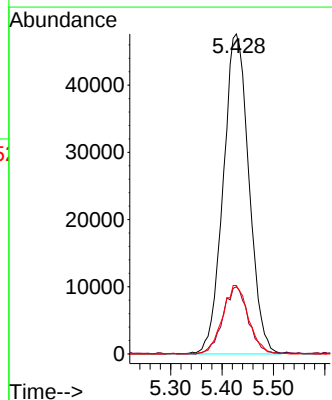
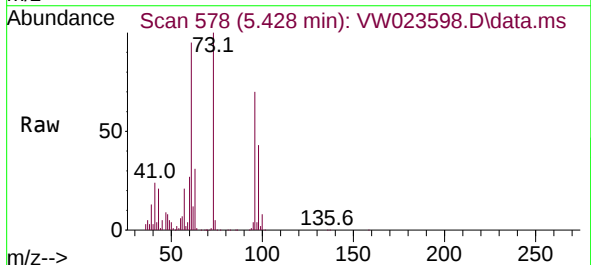
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

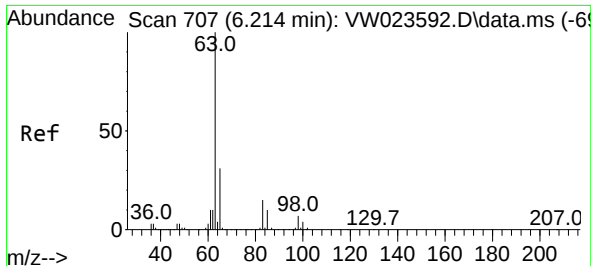
Tgt Ion: 96 Resp: 104888
Ion Ratio Lower Upper
96 100
61 135.4 92.3 171.5
98 62.8 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 23.889 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

Tgt Ion: 73 Resp: 165625
Ion Ratio Lower Upper
73 100
43 20.7 16.2 24.2
57 21.5 16.9 25.3

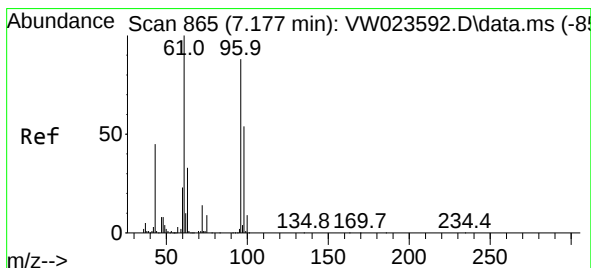
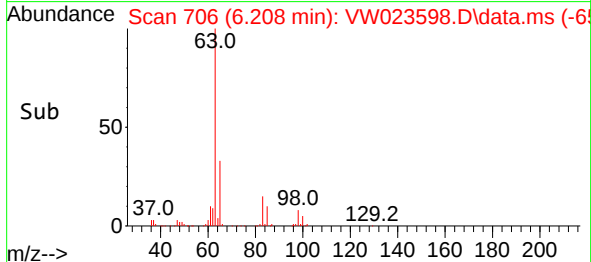
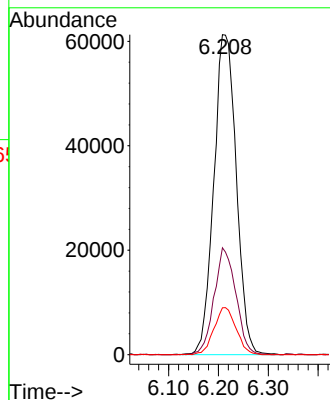
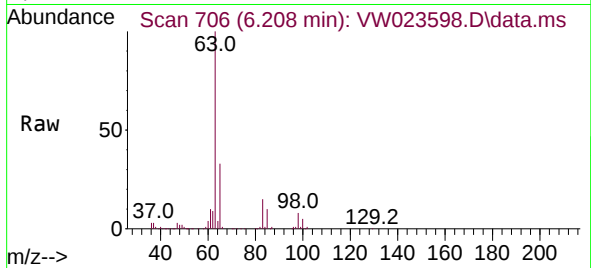




#19
1,1-Dichloroethane
Concen: 23.317 ug/L
RT: 6.208 min Scan# 706
Delta R.T. -0.006 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

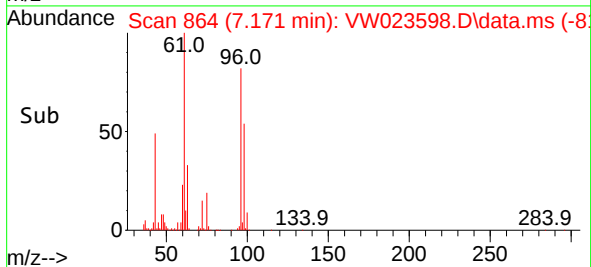
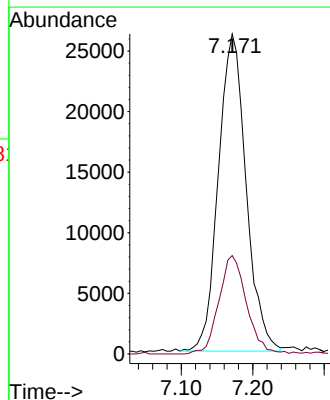
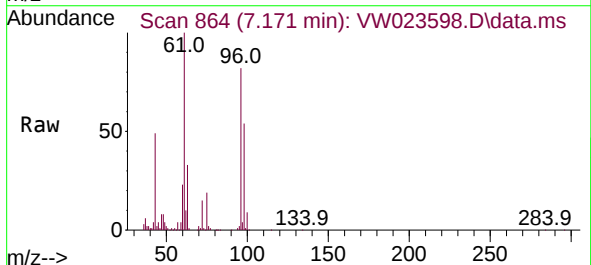
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

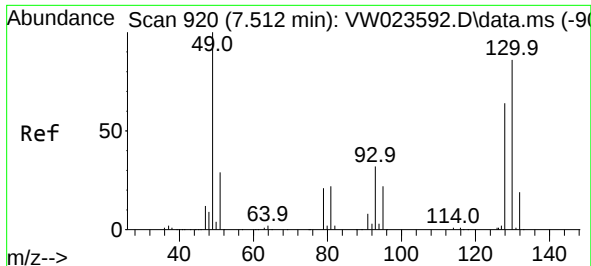
Tgt Ion: 63 Resp: 192061
Ion Ratio Lower Upper
63 100
65 33.4 22.3 41.3
83 14.6 9.8 18.2



#22
2-Butanone
Concen: 43.137 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

Tgt Ion: 43 Resp: 70350
Ion Ratio Lower Upper
43 100
72 30.8 15.4 46.1

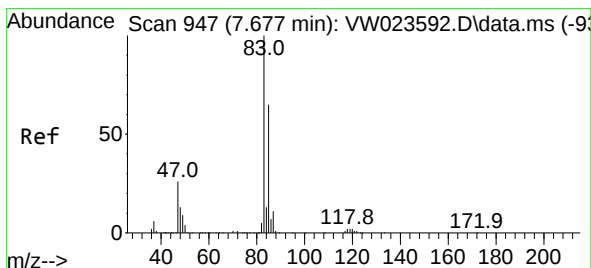
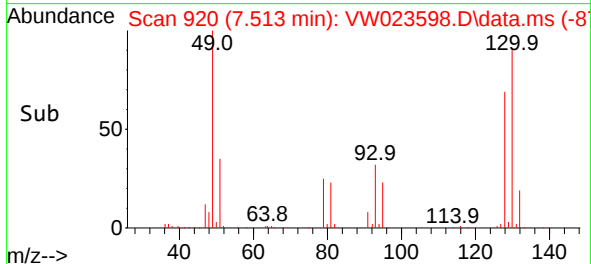
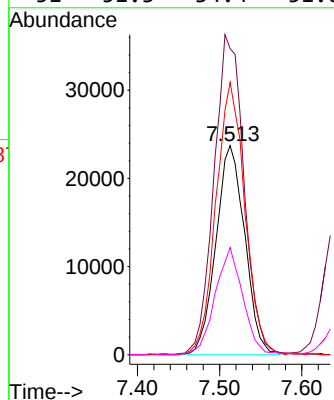
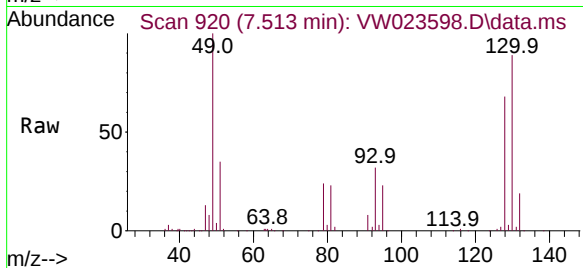




#23
Bromochloromethane
Concen: 22.546 ug/L
RT: 7.513 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

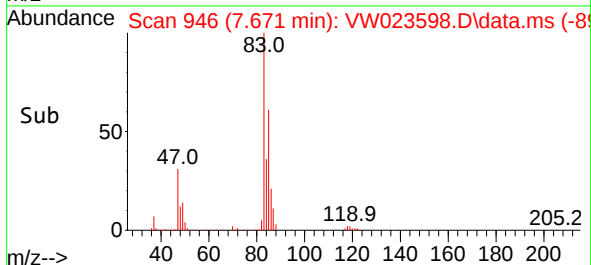
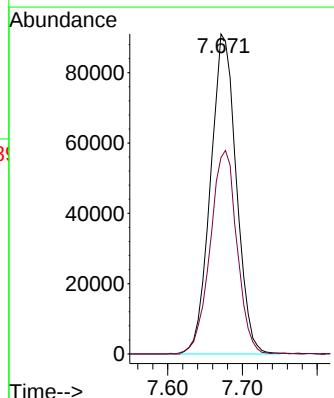
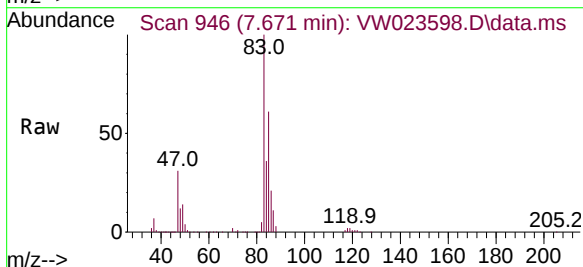
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

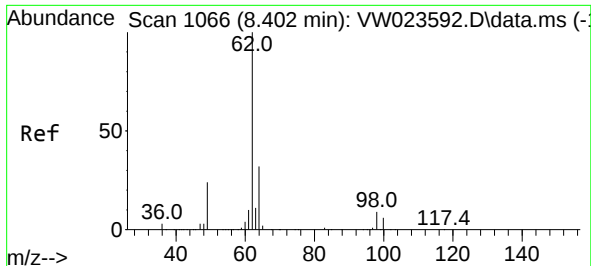
Tgt Ion:	128	Resp:	57698
Ion	Ratio	Lower	Upper
128	100		
49	146.4	105.8	196.6
130	130.2	87.6	162.8
51	51.3	34.4	51.6



#25
Chloroform
Concen: 23.363 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

Tgt Ion:	83	Resp:	218588
Ion	Ratio	Lower	Upper
83	100		
85	61.4	47.0	87.4





#27

1,2-Dichloroethane

Concen: 23.256 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW023598.D

Acq: 12 Jul 2022 08:34

Instrument :

MSVOA_W

ClientSampleId :

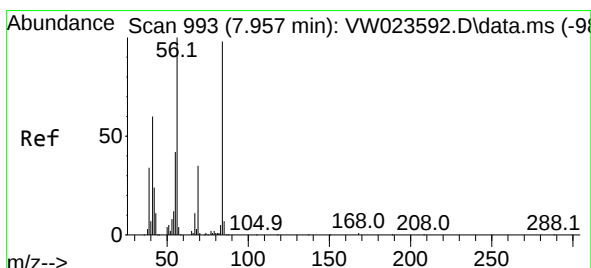
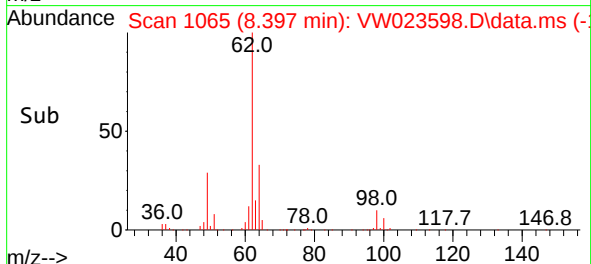
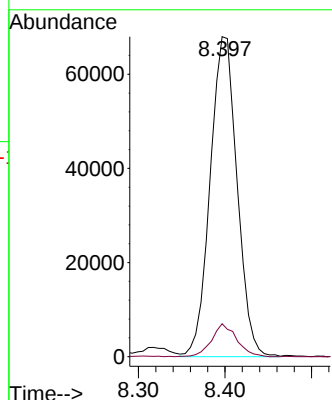
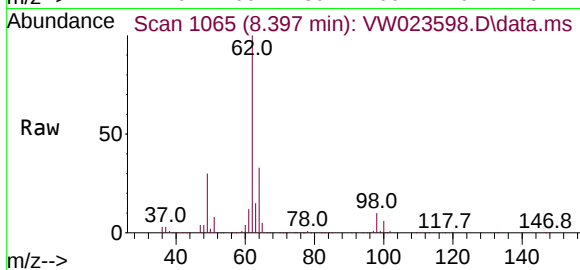
VSTD025596

Tgt Ion: 62 Resp: 147249

Ion Ratio Lower Upper

62 100

98 10.3 7.4 11.0



#29

Cyclohexane

Concen: 23.829 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.006 min

Lab File: VW023598.D

Acq: 12 Jul 2022 08:34

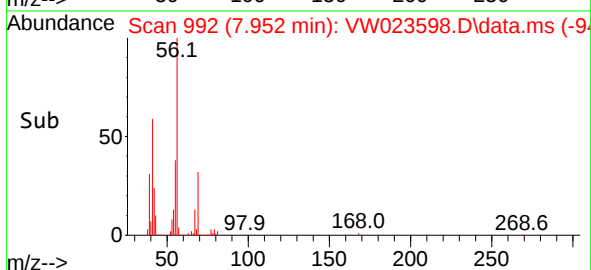
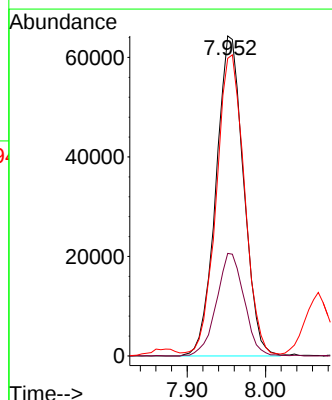
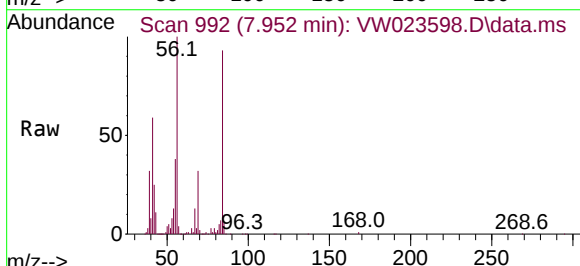
Tgt Ion: 56 Resp: 157275

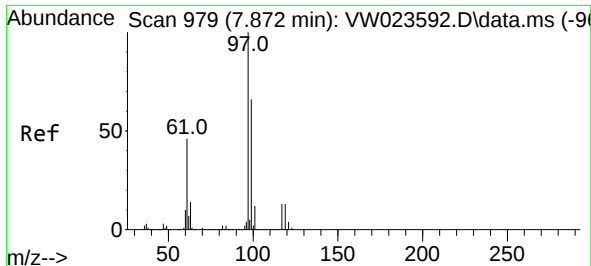
Ion Ratio Lower Upper

56 100

69 32.1 25.6 38.4

84 96.4 77.0 115.6

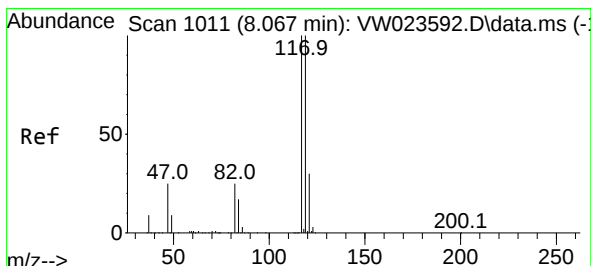
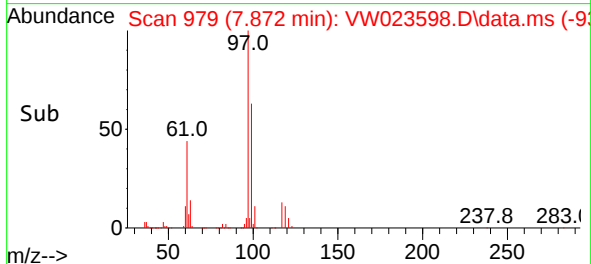
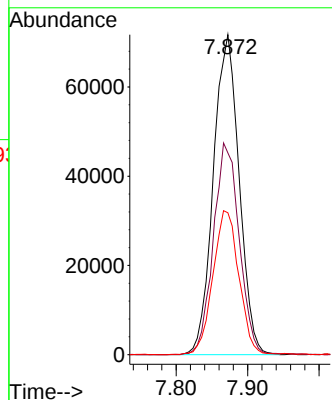
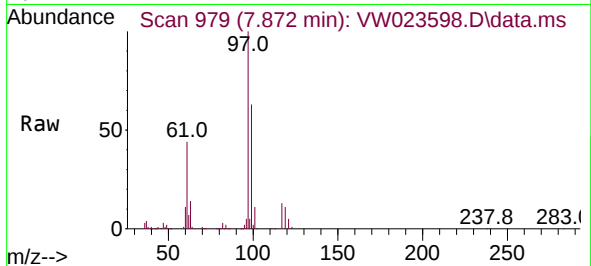




#30
1,1,1-Trichloroethane
Concen: 23.831 ug/L
RT: 7.872 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

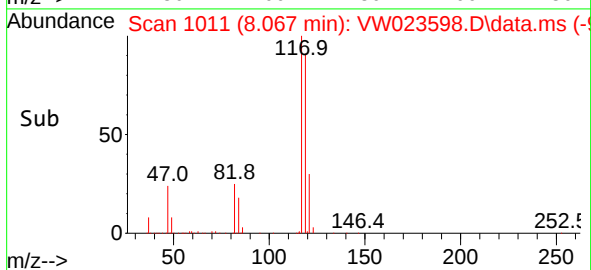
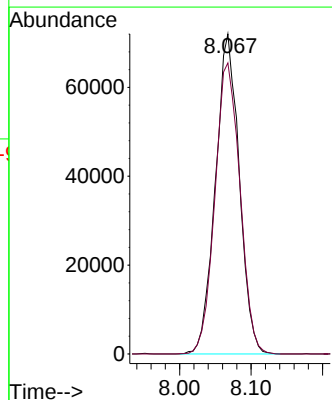
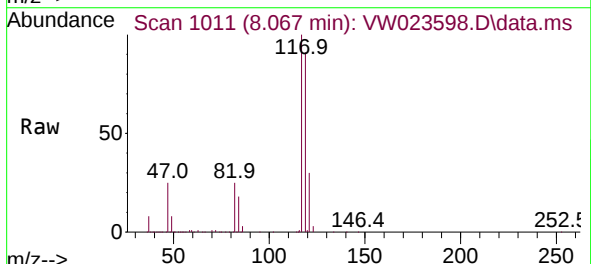
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

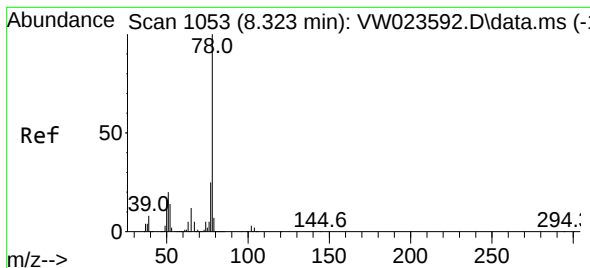
Tgt Ion: 97 Resp: 179755
Ion Ratio Lower Upper
97 100
99 66.1 50.8 76.2
61 45.4 35.8 53.8



#31
Carbon tetrachloride
Concen: 23.801 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

Tgt Ion: 117 Resp: 166321
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1





#33

Benzene

Concen: 23.352 ug/L

RT: 8.323 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VW023598.D

Acq: 12 Jul 2022 08:34

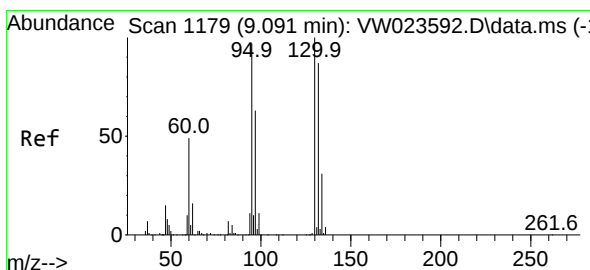
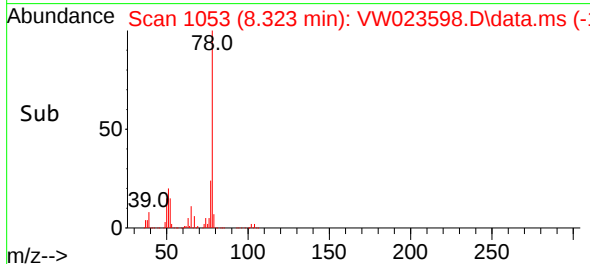
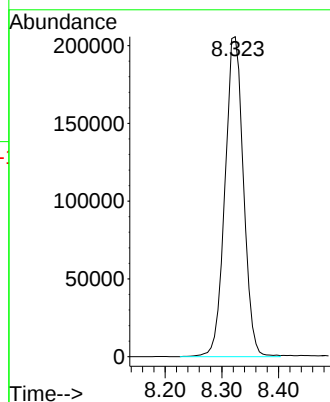
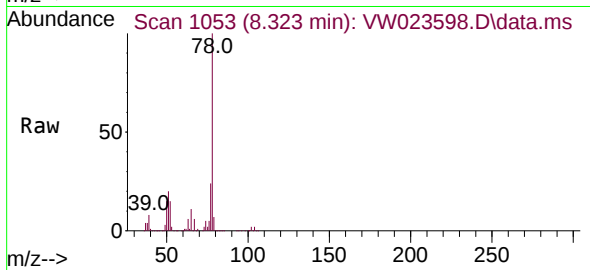
Instrument :

MSVOA_W

ClientSampleId :

VSTD025596

Tgt Ion: 78 Resp: 465205



#34

Trichloroethene

Concen: 23.124 ug/L

RT: 9.086 min Scan# 1178

Delta R.T. -0.006 min

Lab File: VW023598.D

Acq: 12 Jul 2022 08:34

Tgt Ion: 95 Resp: 120070

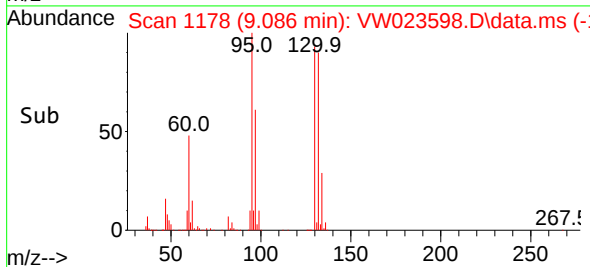
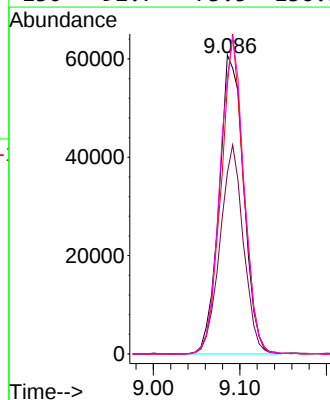
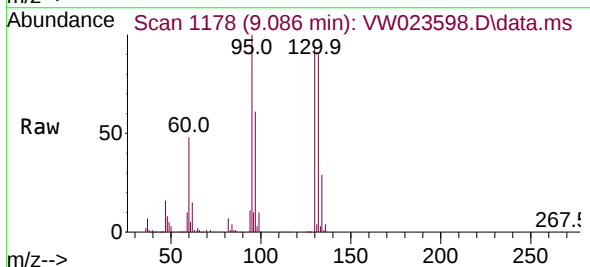
Ion Ratio Lower Upper

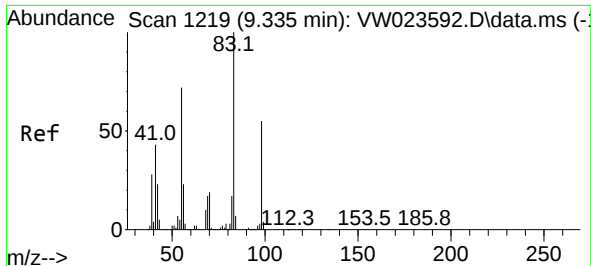
95 100

97 60.7 47.5 88.1

132 90.2 68.9 127.9

130 92.7 73.5 136.5

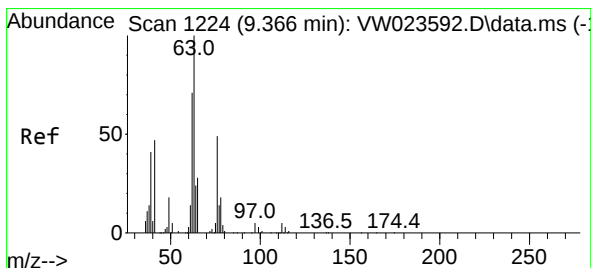
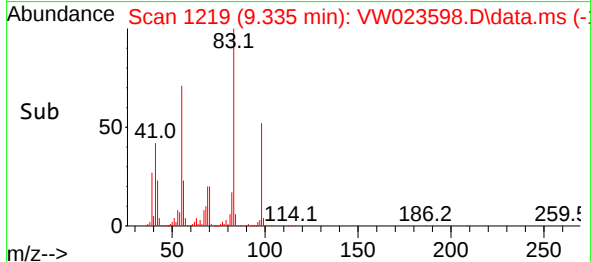
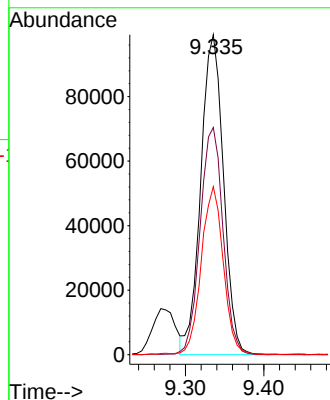
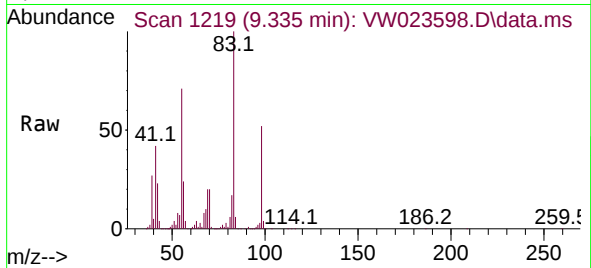




#35
Methylcyclohexane
Concen: 23.915 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

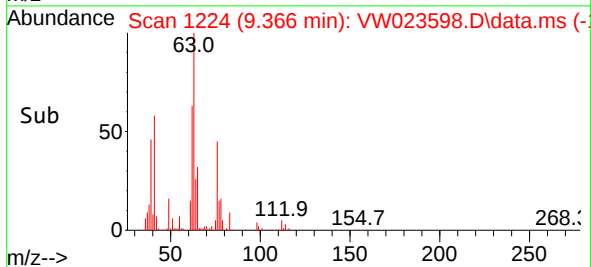
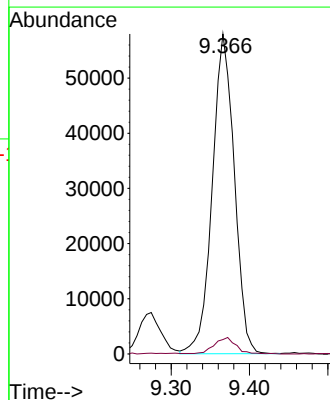
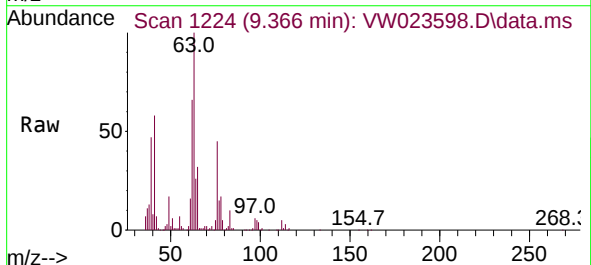
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

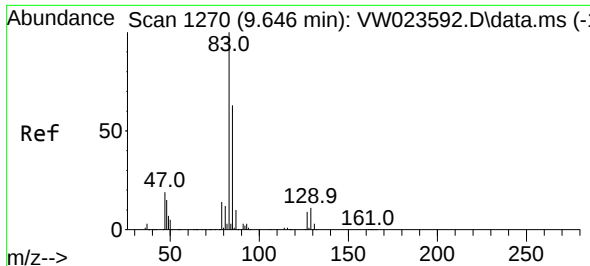
Tgt Ion: 83 Resp: 199767
Ion Ratio Lower Upper
83 100
55 71.4 57.0 85.6
98 50.8 40.2 60.4



#37
1,2-Dichloropropane
Concen: 23.534 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

Tgt Ion: 63 Resp: 113344
Ion Ratio Lower Upper
63 100
112 5.1 4.1 6.1

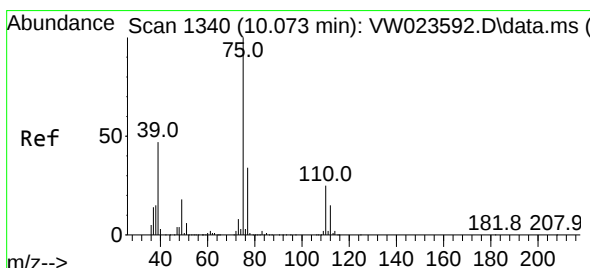
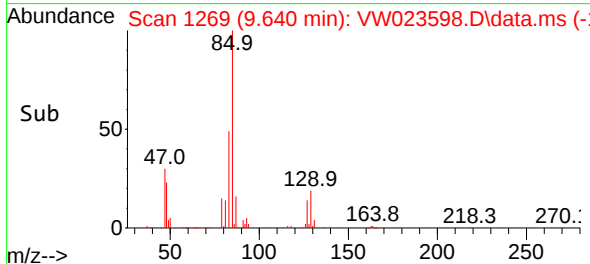
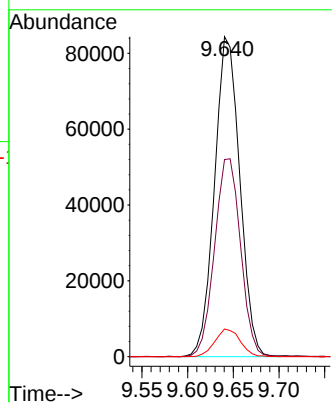
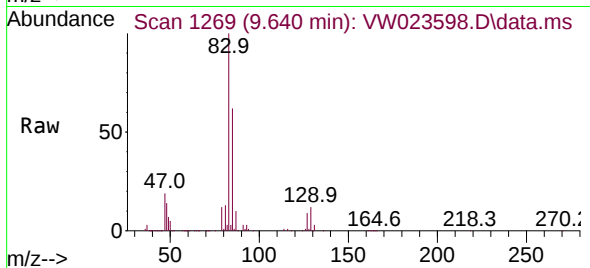




#38
Bromodichloromethane
Concen: 23.901 ug/L
RT: 9.640 min Scan# 1270
Delta R.T. -0.006 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

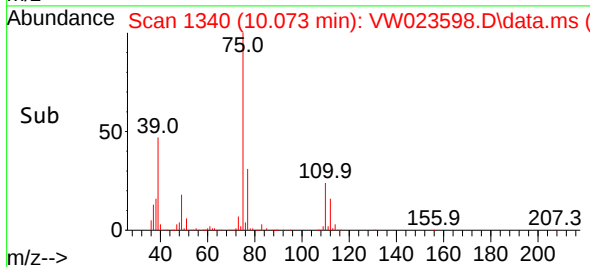
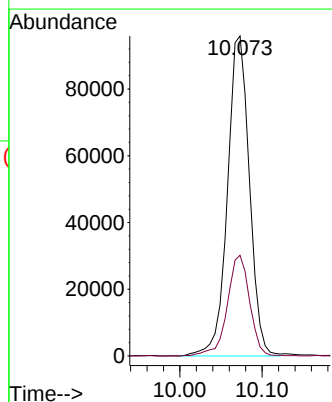
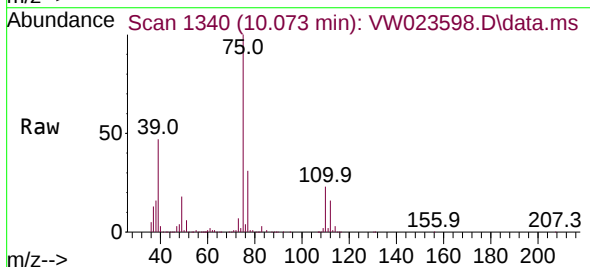
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

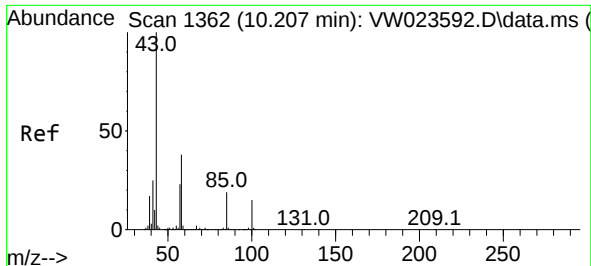
Tgt Ion: 83 Resp: 162528
Ion Ratio Lower Upper
83 100
85 61.6 44.2 82.0
127 8.6 6.6 10.0



#39
cis-1,3-Dichloropropene
Concen: 24.291 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

Tgt Ion: 75 Resp: 178460
Ion Ratio Lower Upper
75 100
77 31.5 23.0 42.6





#40

4-Methyl-2-pentanone

Concen: 48.667 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023598.D

Acq: 12 Jul 2022 08:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025596

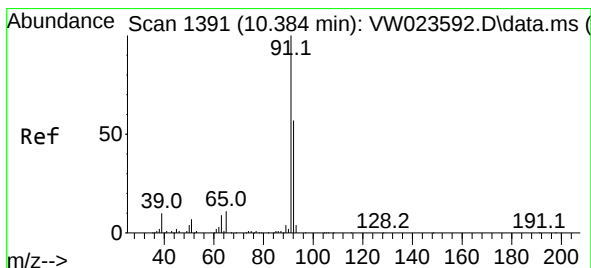
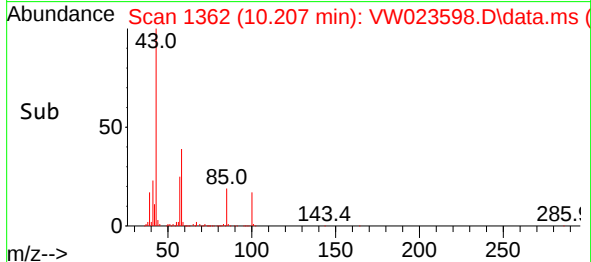
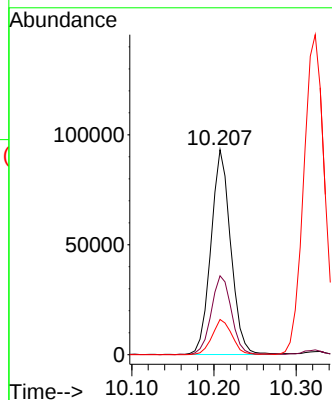
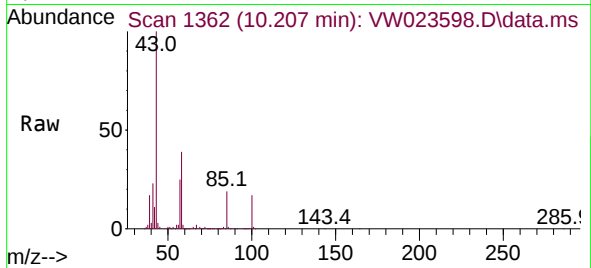
Tgt Ion: 43 Resp: 156047

Ion Ratio Lower Upper

43 100

58 38.8 31.8 47.8

100 17.2 14.0 21.0



#42

Toluene

Concen: 24.284 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW023598.D

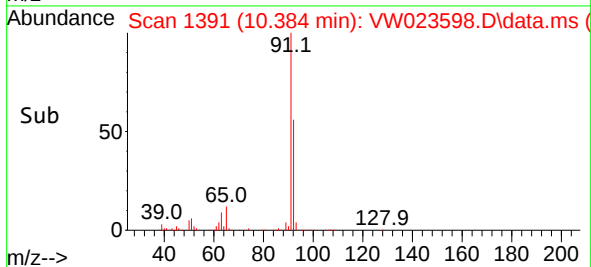
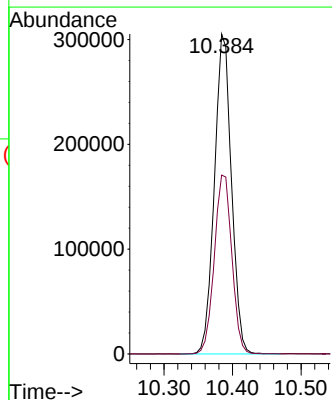
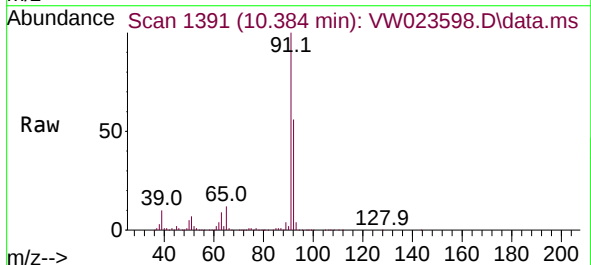
Acq: 12 Jul 2022 08:34

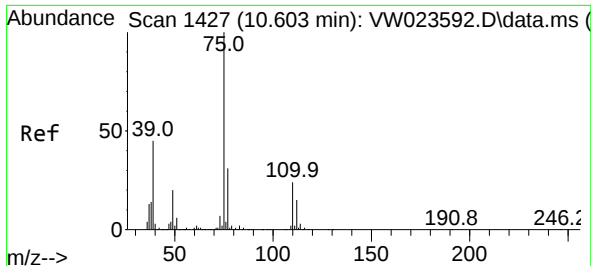
Tgt Ion: 91 Resp: 527844

Ion Ratio Lower Upper

91 100

92 55.9 41.2 76.4

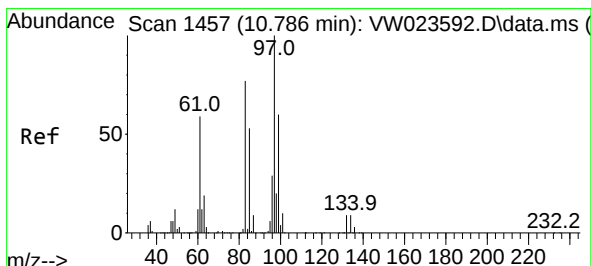
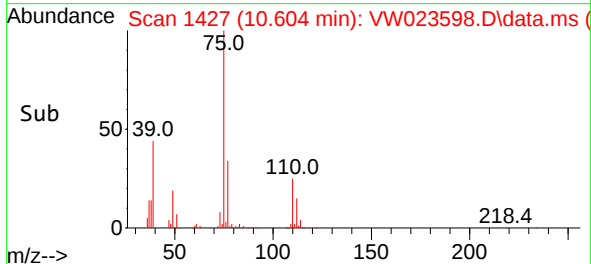
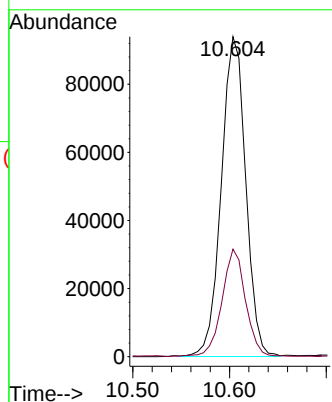
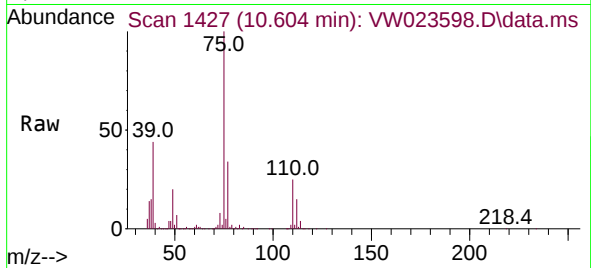




#44
trans-1,3-Dichloropropene
Concen: 24.273 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

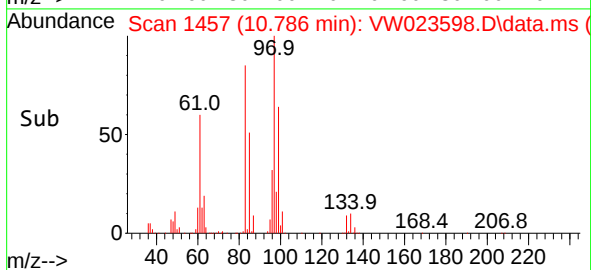
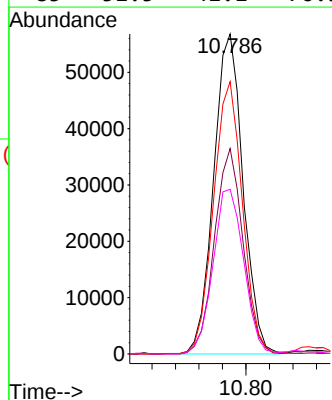
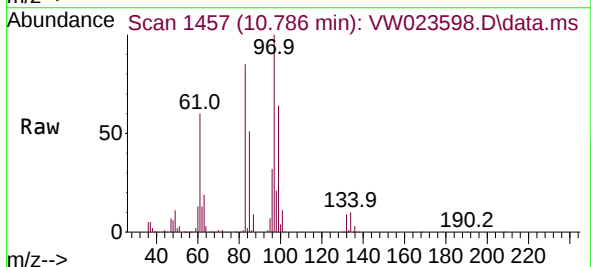
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

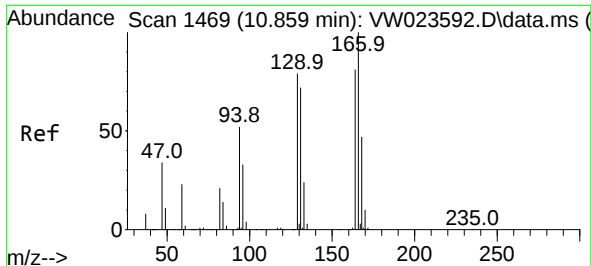
Tgt Ion: 75 Resp: 164422
Ion Ratio Lower Upper
75 100
77 33.6 22.9 42.5



#45
1,1,2-Trichloroethane
Concen: 23.771 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

Tgt Ion: 97 Resp: 98547
Ion Ratio Lower Upper
97 100
99 64.2 43.9 81.5
83 85.1 59.8 111.0
85 51.5 41.1 76.3

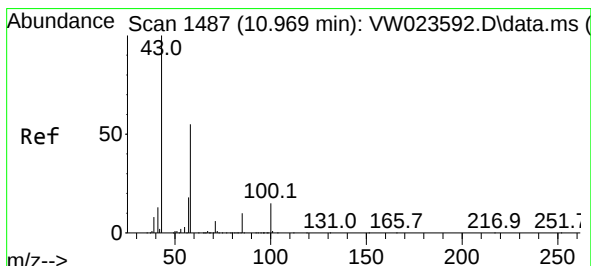
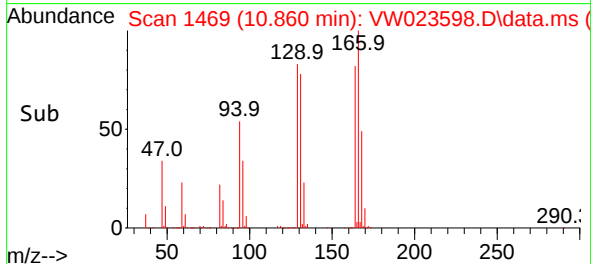
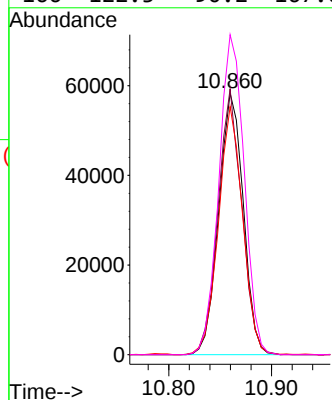
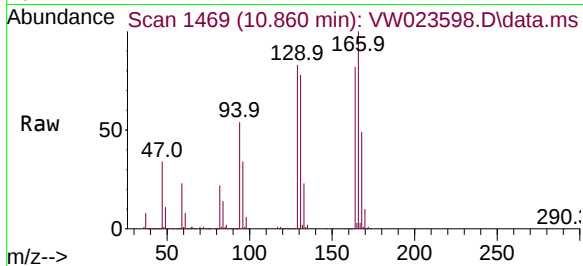




#46
Tetrachloroethene
Concen: 23.730 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

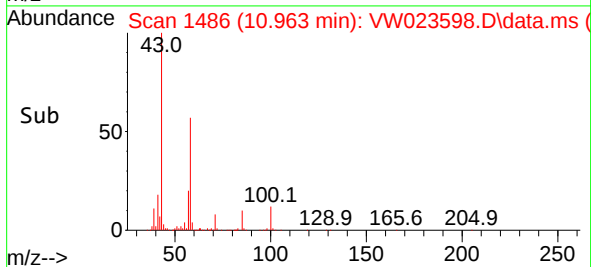
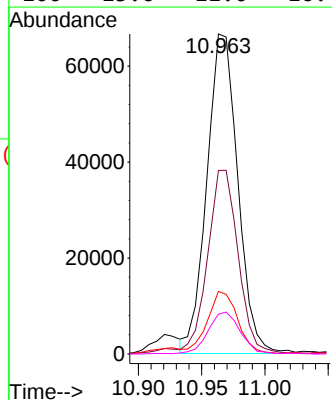
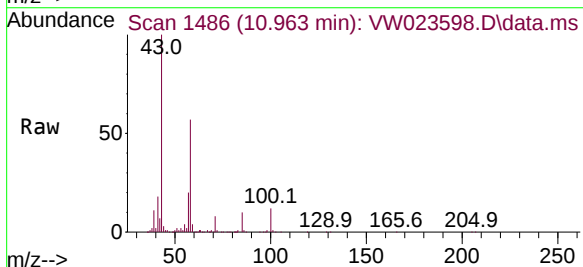
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

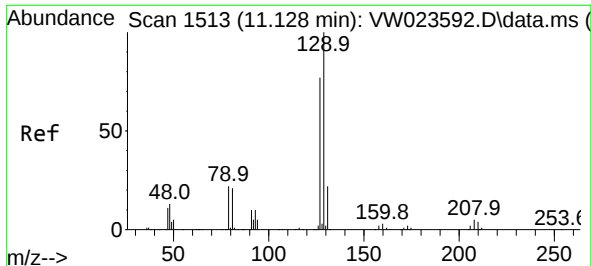
Tgt Ion:164 Resp: 96852
Ion Ratio Lower Upper
164 100
129 101.6 71.3 132.3
131 94.9 67.0 124.4
166 122.3 90.2 167.6



#48
2-Hexanone
Concen: 49.883 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

Tgt Ion: 43 Resp: 113319
Ion Ratio Lower Upper
43 100
58 56.5 43.7 65.5
57 19.5 15.7 23.5
100 13.6 11.0 16.4

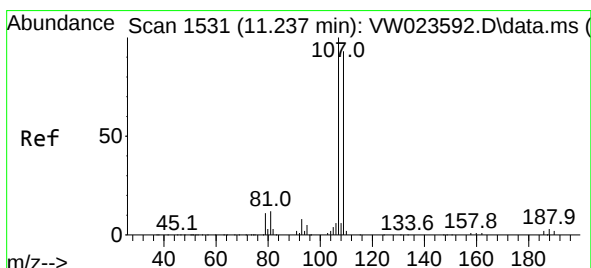
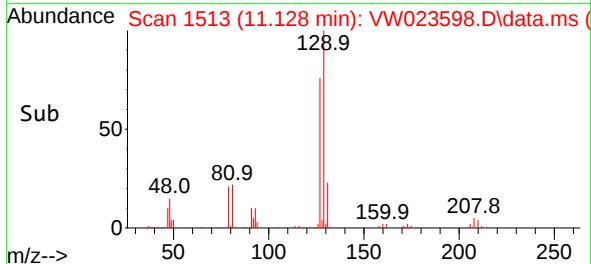
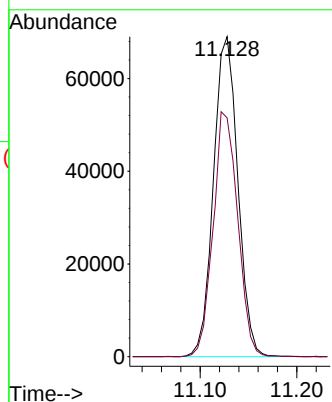
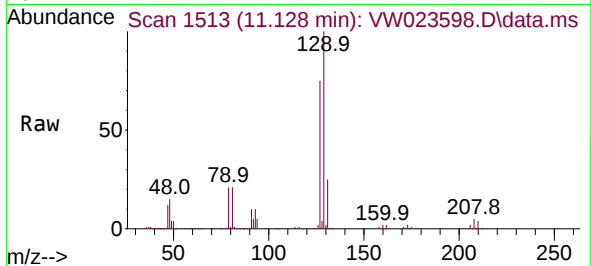




#49
Dibromochloromethane
Concen: 24.451 ug/L
RT: 11.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

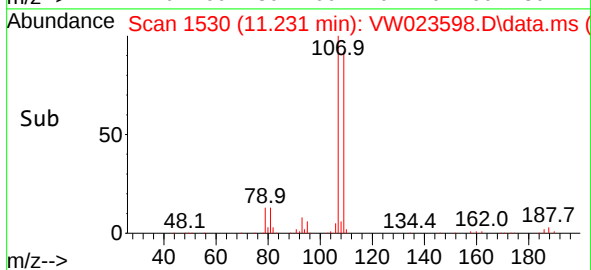
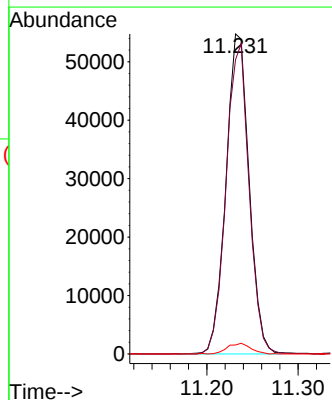
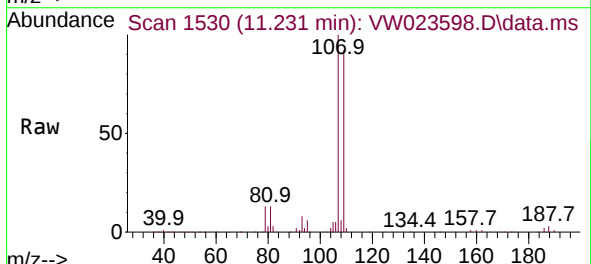
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

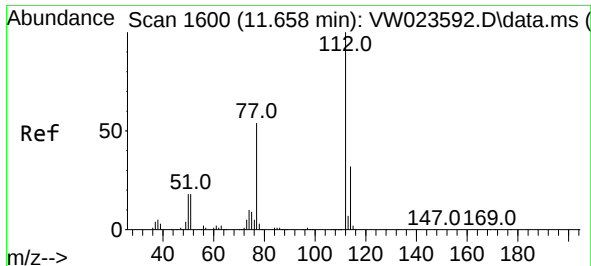
Tgt Ion:129 Resp: 120672
Ion Ratio Lower Upper
129 100
127 74.7 52.7 97.9



#50
1,2-Dibromoethane
Concen: 23.614 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

Tgt Ion:107 Resp: 96645
Ion Ratio Lower Upper
107 100
109 92.0 67.2 124.8
188 2.8 2.7 4.1

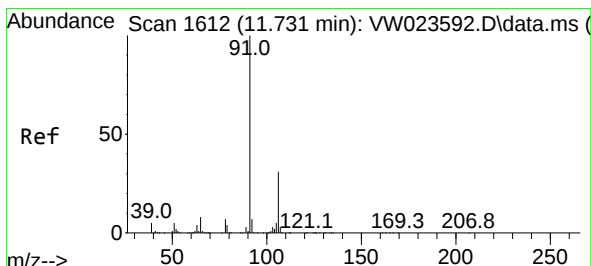
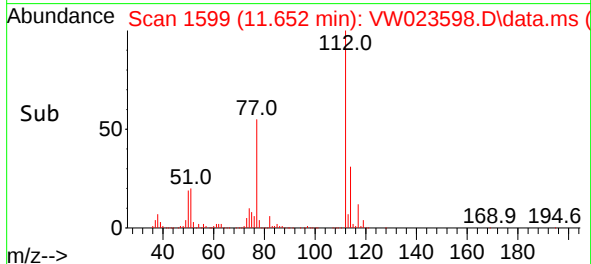
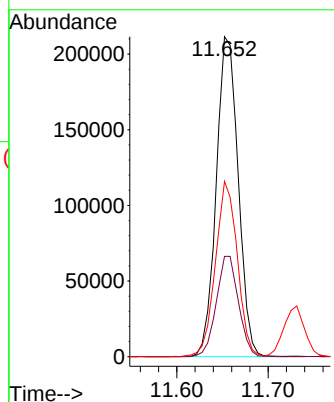
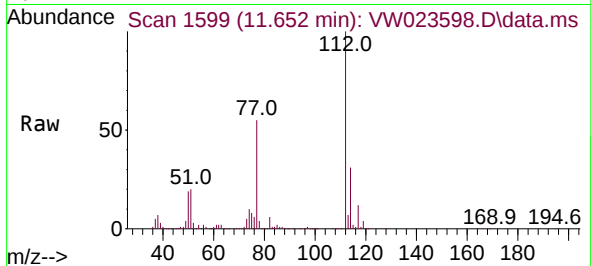




#51
Chlorobenzene
Concen: 23.891 ug/L
RT: 11.652 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

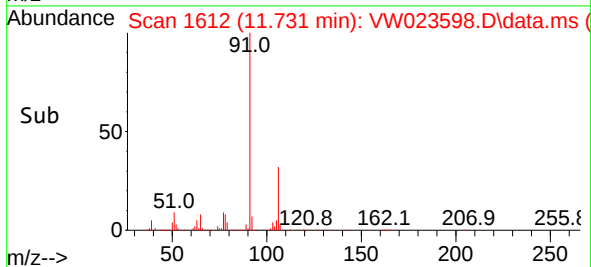
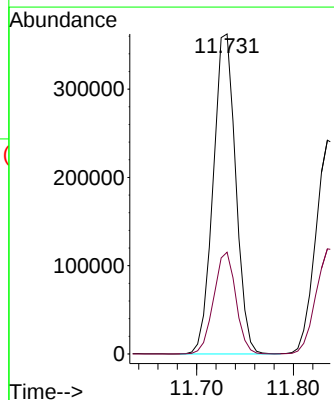
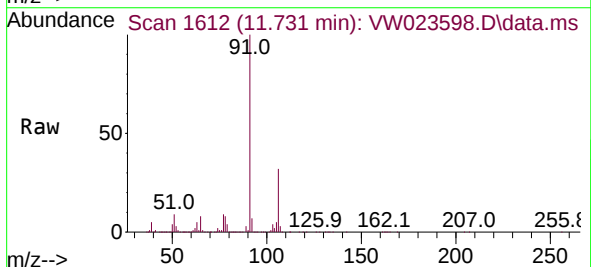
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

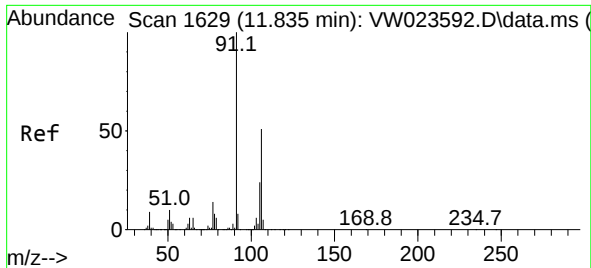
Tgt Ion:112 Resp: 353564
Ion Ratio Lower Upper
112 100
114 31.3 23.1 42.9
77 54.8 44.2 66.4



#52
Ethylbenzene
Concen: 23.872 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

Tgt Ion: 91 Resp: 585857
Ion Ratio Lower Upper
91 100
106 31.8 21.4 39.8

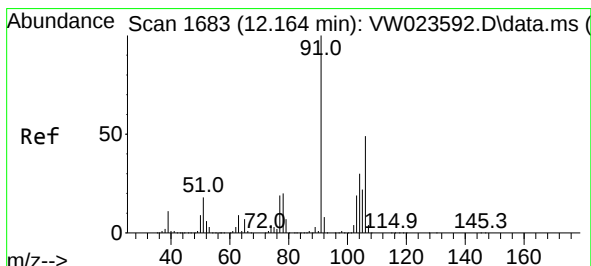
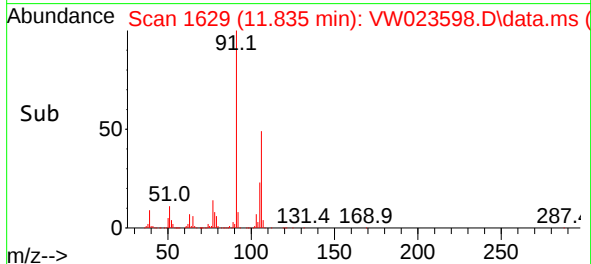
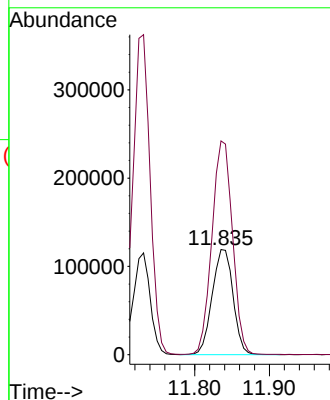
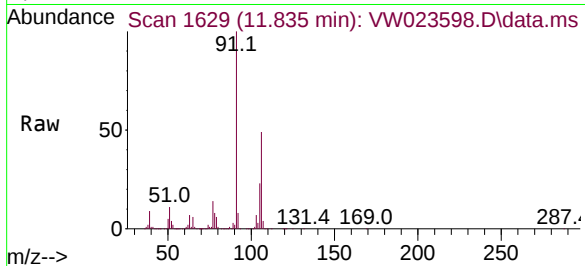




#53
m,p-Xylene
Concen: 24.274 ug/L
RT: 11.835 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

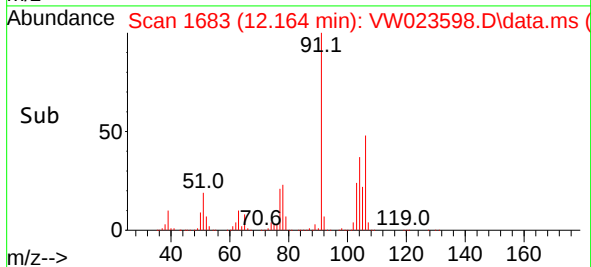
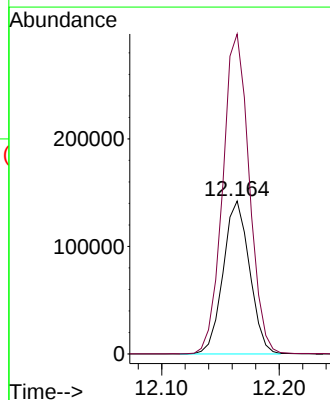
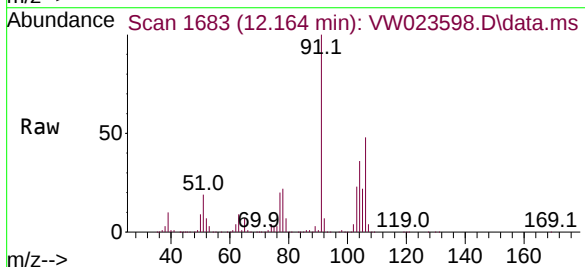
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

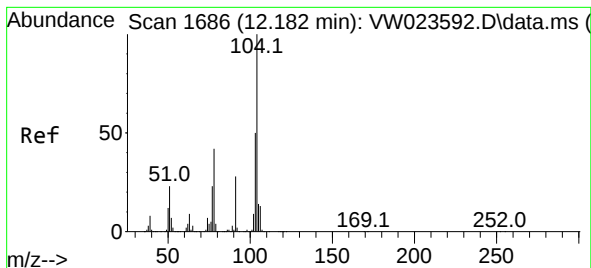
Tgt Ion:106 Resp: 231106
Ion Ratio Lower Upper
106 100
91 203.5 140.8 261.6



#54
o-Xylene
Concen: 24.401 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

Tgt Ion:106 Resp: 222477
Ion Ratio Lower Upper
106 100
91 209.3 149.3 277.3





#55

Styrene

Concen: 25.164 ug/L

RT: 12.176 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW023598.D

Acq: 12 Jul 2022 08:34

Instrument :

MSVOA_W

ClientSampleId :

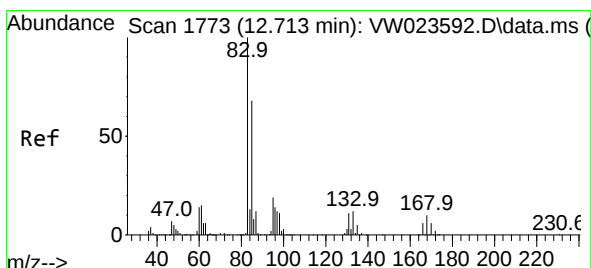
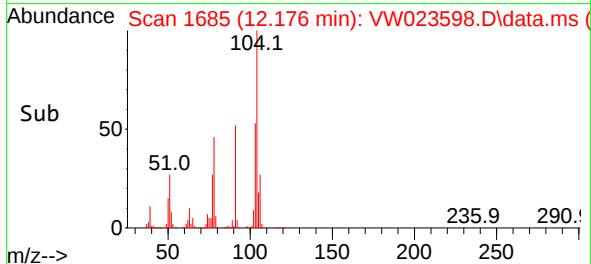
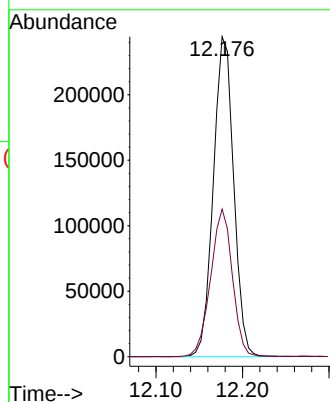
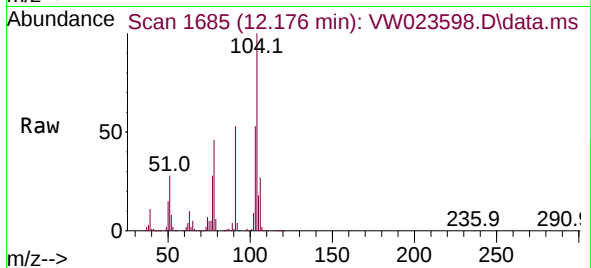
VSTD025596

Tgt Ion:104 Resp: 398978

Ion Ratio Lower Upper

104 100

78 46.1 32.3 59.9



#57

1,1,2,2-Tetrachloroethane

Concen: 24.340 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023598.D

Acq: 12 Jul 2022 08:34

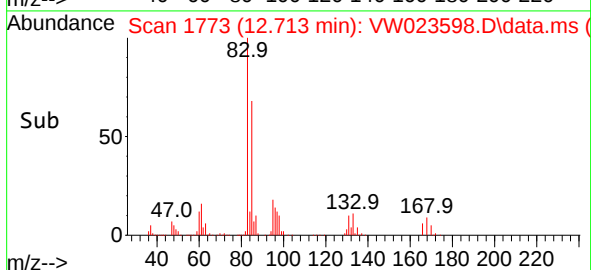
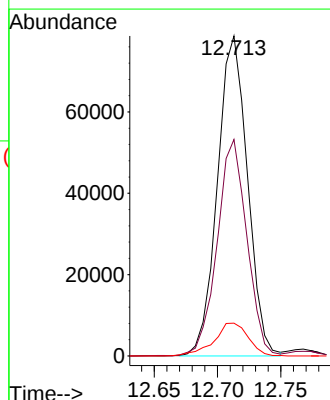
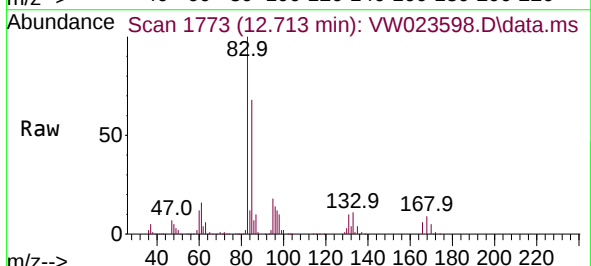
Tgt Ion: 83 Resp: 129834

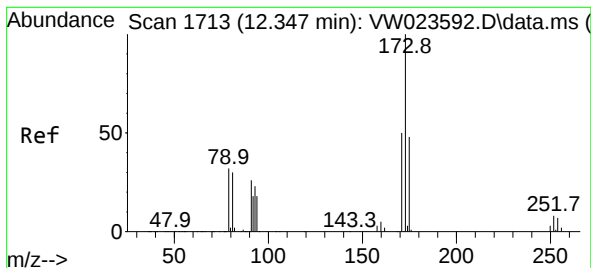
Ion Ratio Lower Upper

83 100

85 67.7 44.0 81.6

131 10.2 8.5 12.7





#59

Bromoform

Concen: 22.668 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023598.D

Acq: 12 Jul 2022 08:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025596

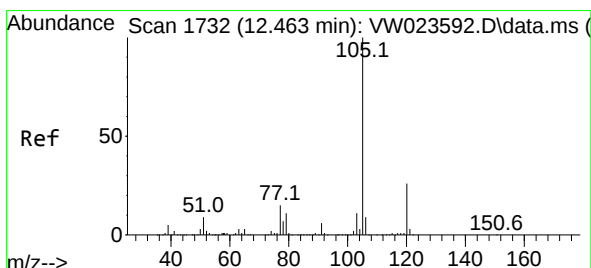
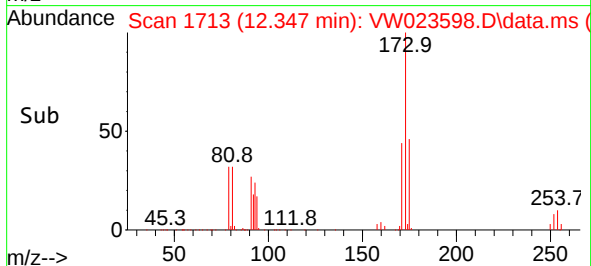
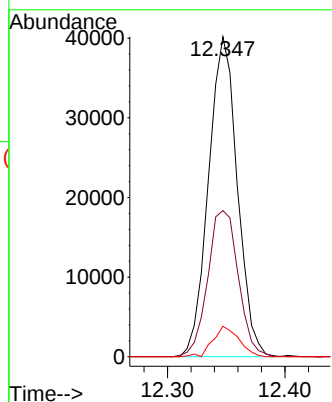
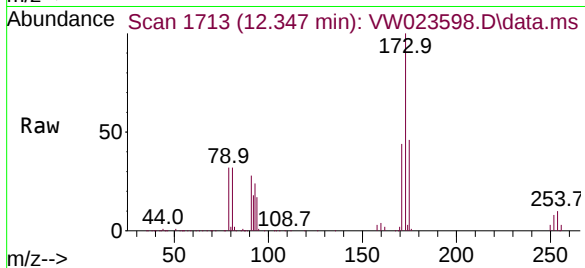
Tgt Ion:173 Resp: 68550

Ion Ratio Lower Upper

173 100

175 48.4 37.9 56.9

254 8.3 7.0 10.4



#60

Isopropylbenzene

Concen: 23.626 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW023598.D

Acq: 12 Jul 2022 08:34

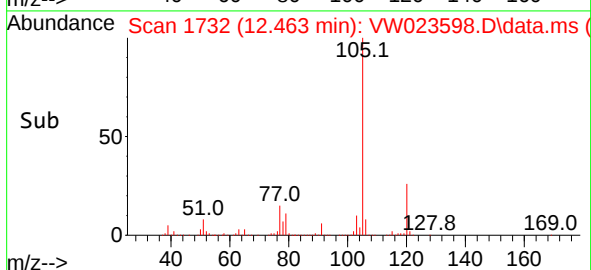
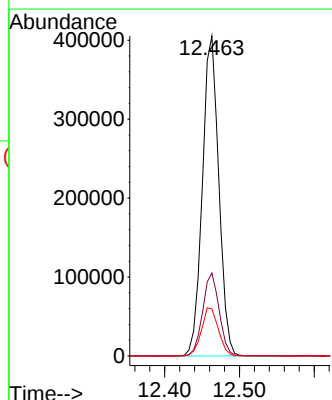
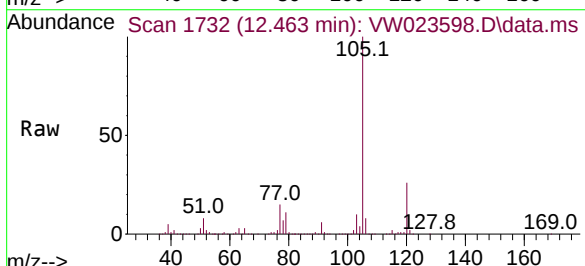
Tgt Ion:105 Resp: 617287

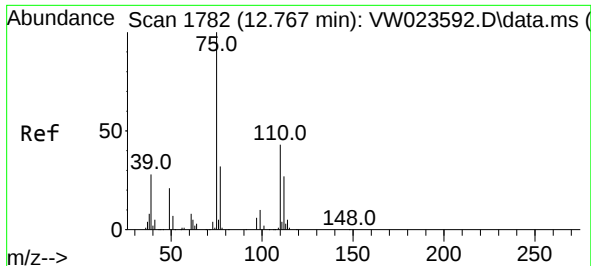
Ion Ratio Lower Upper

105 100

120 26.0 21.3 31.9

77 15.5 12.4 18.6

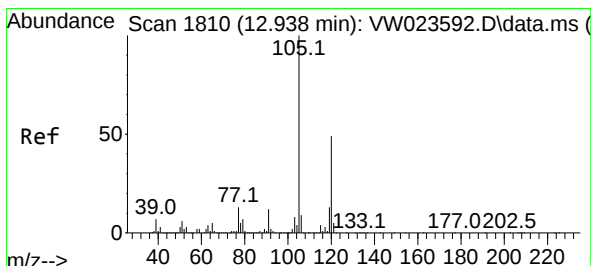
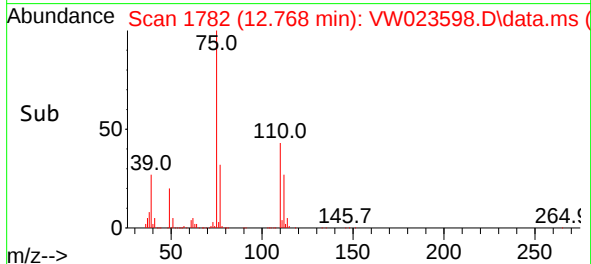
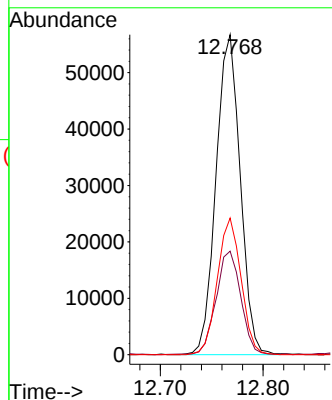
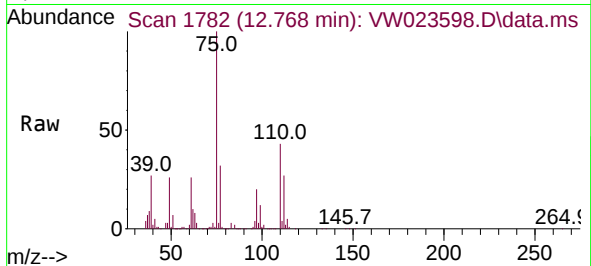




#61
1,2,3-Trichloropropane
Concen: 22.593 ug/L
RT: 12.768 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

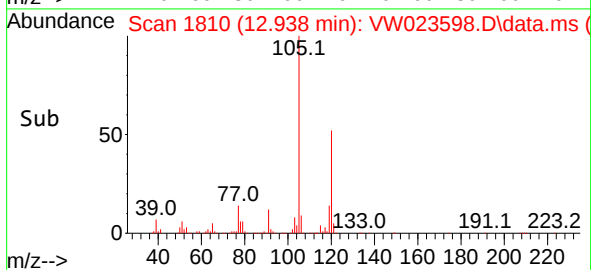
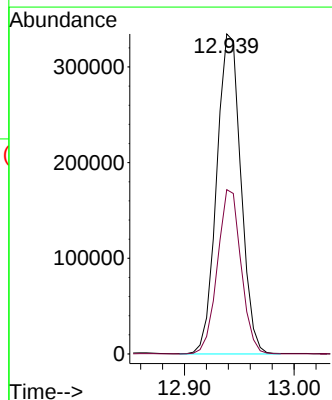
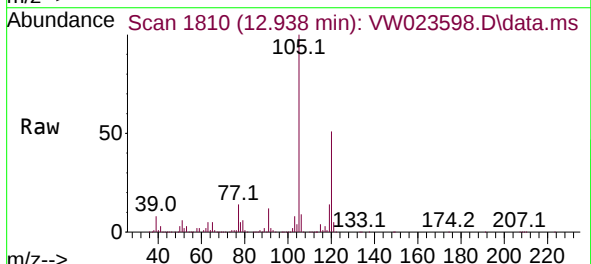
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

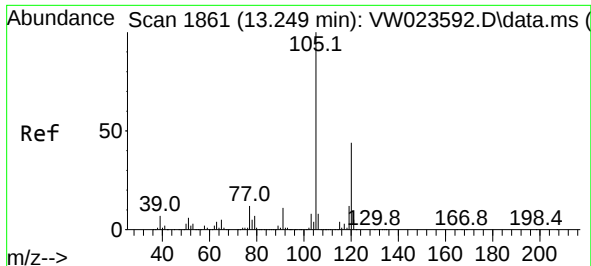
Tgt Ion: 75 Resp: 92854
Ion Ratio Lower Upper
75 100
77 33.1 25.8 38.6
110 41.7 34.3 51.5



#62
1,3,5-Trimethylbenzene
Concen: 23.745 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

Tgt Ion: 105 Resp: 514472
Ion Ratio Lower Upper
105 100
120 50.1 39.7 59.5

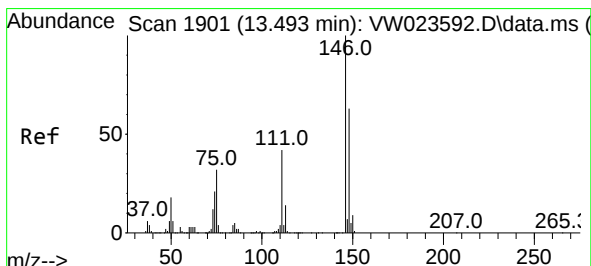
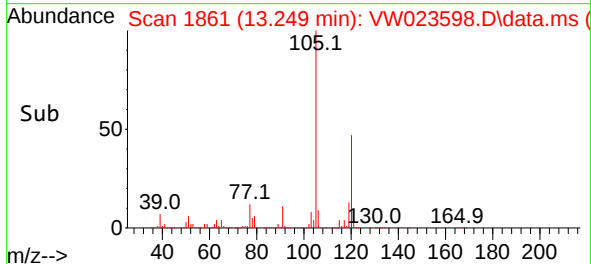
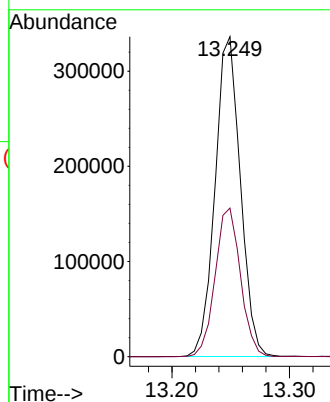
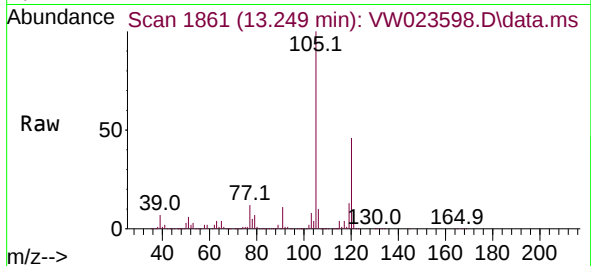




#63
1,2,4-Trimethylbenzene
Concen: 23.199 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

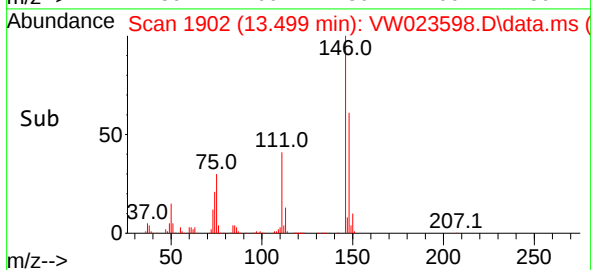
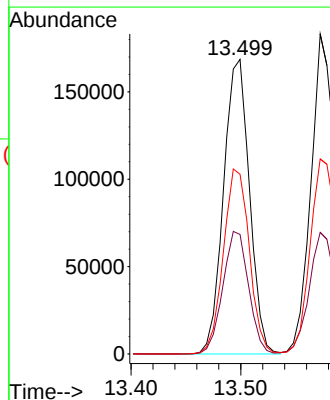
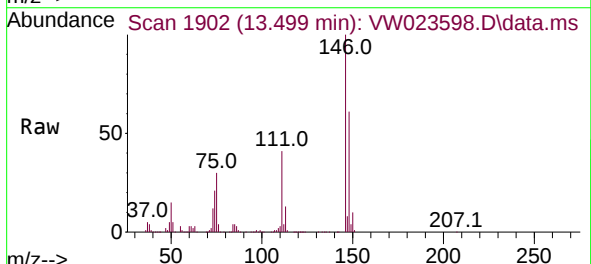
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

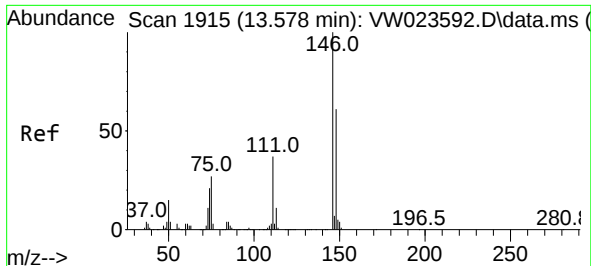
Tgt Ion:105 Resp: 502813
Ion Ratio Lower Upper
105 100
120 46.6 36.9 55.3



#64
1,3-Dichlorobenzene
Concen: 22.394 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

Tgt Ion:146 Resp: 276761
Ion Ratio Lower Upper
146 100
111 40.6 26.7 49.7
148 61.0 43.3 80.5

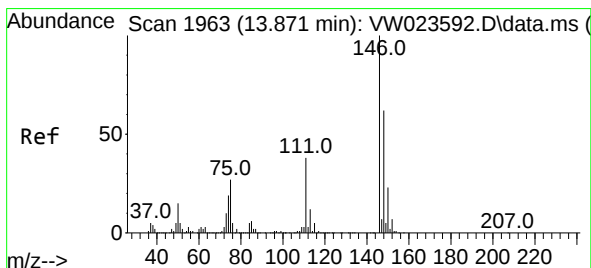
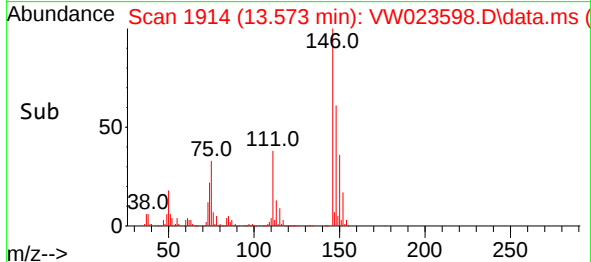
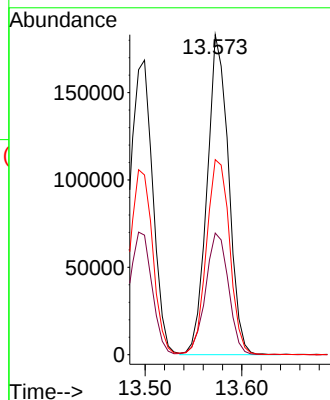
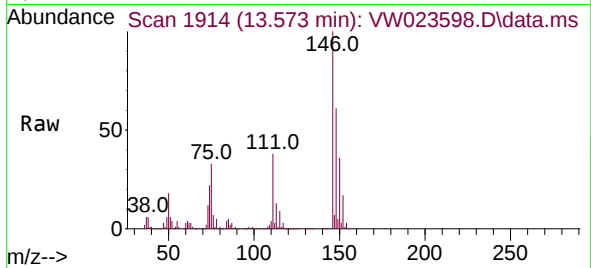




#65
1,4-Dichlorobenzene
Concen: 22.579 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

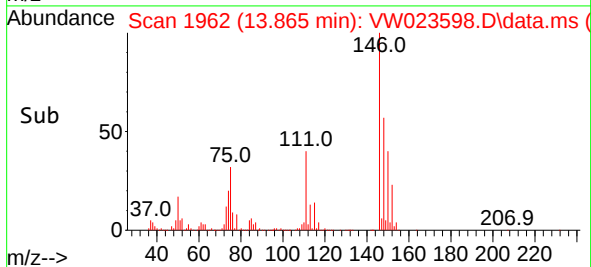
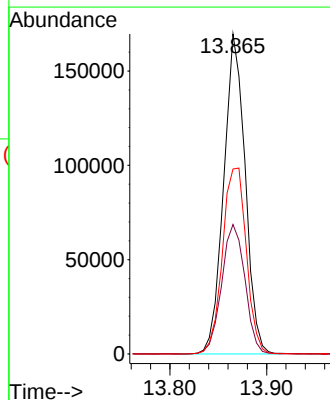
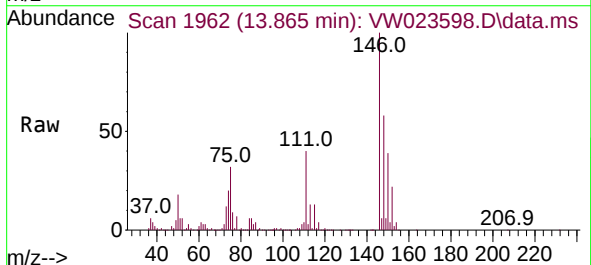
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

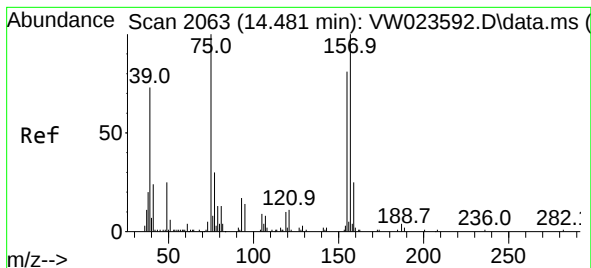
Tgt Ion:146 Resp: 283027
Ion Ratio Lower Upper
146 100
111 38.0 28.2 52.4
148 61.0 44.4 82.4



#67
1,2-Dichlorobenzene
Concen: 22.942 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

Tgt Ion:146 Resp: 261470
Ion Ratio Lower Upper
146 100
111 40.5 30.6 45.8
148 57.8 49.9 74.9

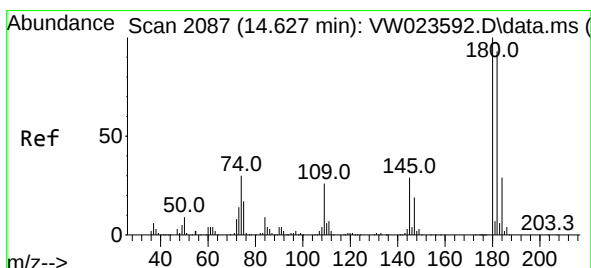
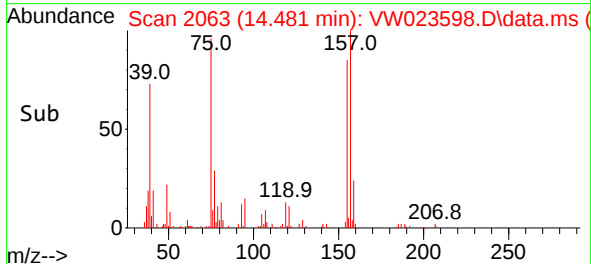
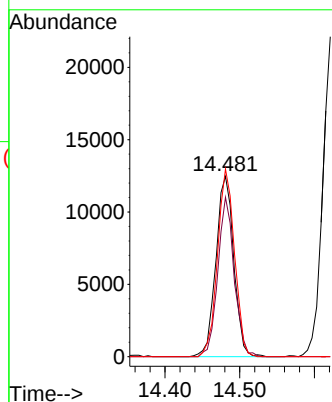
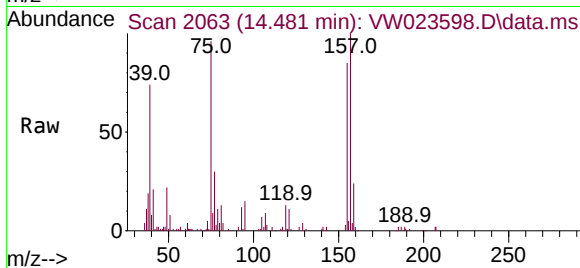




#68
1,2-Dibromo-3-chloropropane
Concen: 21.341 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

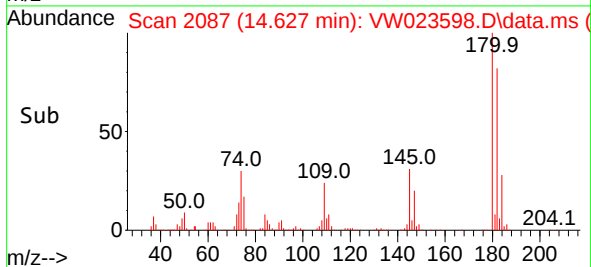
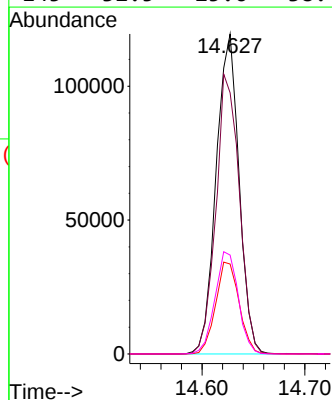
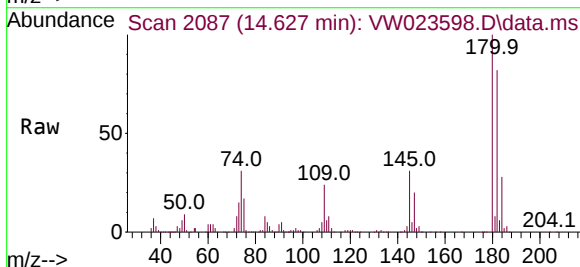
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

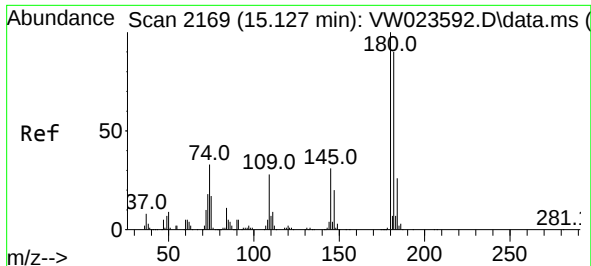
Tgt Ion: 75 Resp: 20669
Ion Ratio Lower Upper
75 100
155 88.3 63.8 95.6
157 104.1 85.0 127.4



#69
1,3,5-Trichlorobenzene
Concen: 23.024 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

Tgt Ion: 180 Resp: 184633
Ion Ratio Lower Upper
180 100
182 89.4 75.5 113.3
184 29.5 24.6 36.8
145 32.5 25.6 38.4

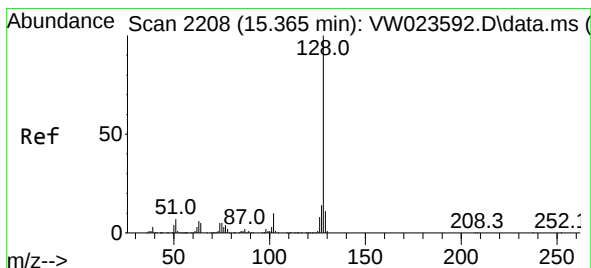
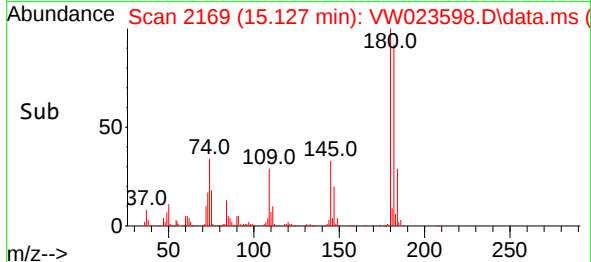
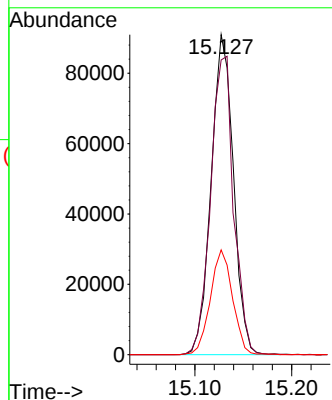
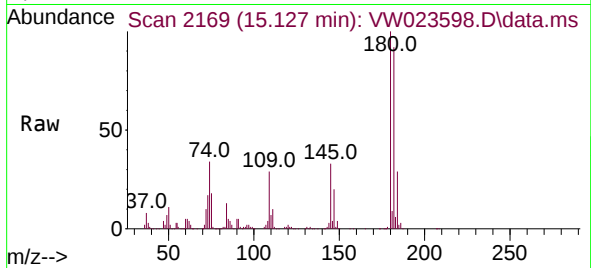




#70
1,2,4-trichlorobenzene
Concen: 22.449 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

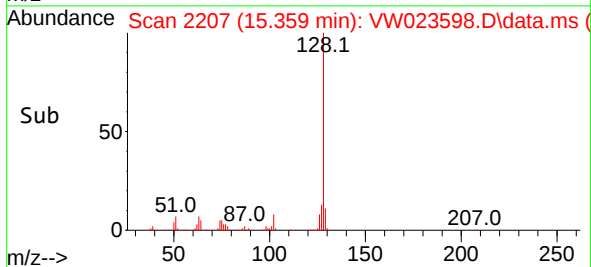
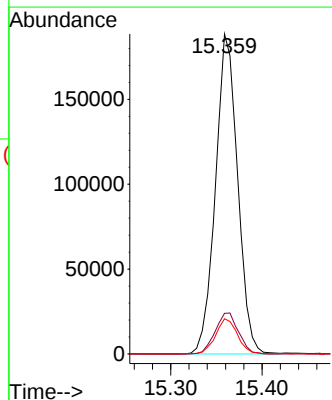
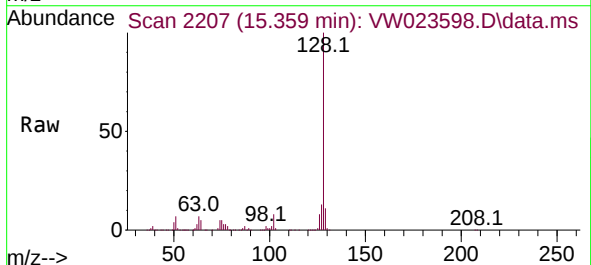
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

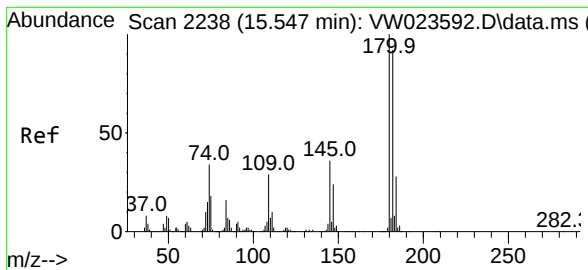
Tgt Ion:180 Resp: 145455
Ion Ratio Lower Upper
180 100
182 96.8 77.0 115.4
145 32.6 26.1 39.1



#71
Naphthalene
Concen: 22.769 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW023598.D
Acq: 12 Jul 2022 08:34

Tgt Ion:128 Resp: 318453
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.9 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 22.559 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW023598.D
 Acq: 12 Jul 2022 08:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025596

Tgt Ion:180 Resp: 135495
 Ion Ratio Lower Upper
 180 100
 182 96.5 75.6 113.4
 145 34.3 28.2 42.2

