

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050223\
 Data File : VW025788.D
 Acq On : 02 May 2023 08:52
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025590

Quant Time: May 03 01:17:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 01:41:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	608932	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	526381	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	261141	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	261066	30.255	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.000%
7) Chloroethane-d5	2.899	69	187284	29.276	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.120%
11) 1,1-Dichloroethene-d2	4.021	65	121302	28.074	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	112.280%#
21) 2-Butanone-d5	7.075	46	127627	44.740	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.480%
24) Chloroform-d	7.648	84	465547	26.514	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.040%
26) 1,2-Dichloroethane-d4	8.301	65	251594	25.339	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.360%
32) Benzene-d6	8.276	84	963501	28.013	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.040%
36) 1,2-Dichloropropane-d6	9.276	67	296744	26.965	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.880%
41) Toluene-d8	10.325	98	862929	28.135	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.560%
43) trans-1,3-Dichloroprop...	10.575	79	115341	25.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.440%
47) 2-Hexanone-d5	10.922	63	91308	48.658	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	207808	24.775	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	251548	26.424	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.680%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	194587	28.603	ug/L	96
3) Chloromethane	2.222	50	267229	26.641	ug/L	100
5) Vinyl chloride	2.375	62	292692	28.191	ug/L	98
6) Bromomethane	2.789	94	148200	26.244	ug/L	97
8) Chloroethane	2.936	64	161215	27.308	ug/L	99
9) Trichlorofluoromethane	3.265	101	210412	26.854	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	229547	26.938	ug/L	95
12) 1,1-Dichloroethene	4.039	96	217364	26.690	ug/L	91
13) Acetone	4.124	43	117624	46.502	ug/L	97
14) Carbon disulfide	4.393	76	744585	27.036	ug/L	99
15) Methyl Acetate	4.673	43	114588	22.988	ug/L	99
16) Methylene chloride	4.917	84	235225	18.731	ug/L	92
17) trans-1,2-Dichloroethene	5.423	96	228126	25.677	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	319016	23.659	ug/L	99
19) 1,1-Dichloroethane	6.216	63	464443	25.444	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	238594	25.032	ug/L	96
22) 2-Butanone	7.167	43	160398	45.924	ug/L	99
23) Bromochloromethane	7.514	128	98614	24.422	ug/L	97
25) Chloroform	7.673	83	426248	25.407	ug/L	96

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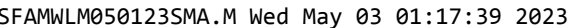
Instrument :
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 ClientSampleId :
 VSTD025590

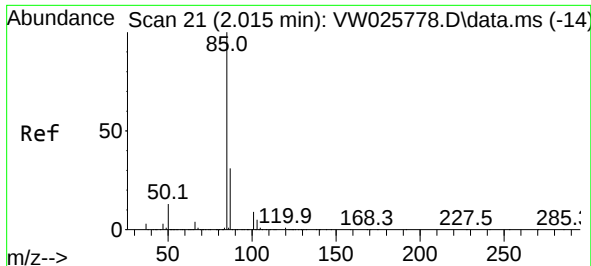
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 Quant Title : SFAM01.0
 QLast Update : Tue May 02 01:41:17 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	292228	24.527	ug/L	99
29) Cyclohexane	7.959	56	454066	27.836	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	347977	27.031	ug/L	99
31) Carbon tetrachloride	8.069	117	310661	26.816	ug/L	100
33) Benzene	8.325	78	972638	26.708	ug/L	100
34) Trichloroethene	9.093	95	245659	26.288	ug/L	96
35) Methylcyclohexane	9.337	83	454304	27.333	ug/L	99
37) 1,2-Dichloropropane	9.367	63	260913	26.150	ug/L	99
38) Bromodichloromethane	9.642	83	295466	25.812	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	384501	26.278	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	317382	48.870	ug/L	99
42) Toluene	10.386	91	1019232	27.391	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	313424	25.852	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	169242	25.357	ug/L	97
46) Tetrachloroethene	10.861	164	174859	26.597	ug/L	97
48) 2-Hexanone	10.965	43	234440	50.390	ug/L	98
49) Dibromochloromethane	11.129	129	178792	25.875	ug/L	94
50) 1,2-Dibromoethane	11.233	107	156988	25.515	ug/L	94
51) Chlorobenzene	11.654	112	607948	26.373	ug/L	98
52) Ethylbenzene	11.727	91	1144600	27.345	ug/L	99
53) m,p-Xylene	11.836	106	419137	27.207	ug/L	97
54) o-Xylene	12.166	106	394623	27.177	ug/L	91
55) Styrene	12.178	104	683284	27.493	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	204884	24.602	ug/L	95
59) Bromoform	12.349	173	93814	24.254	ug/L	97
60) Isopropylbenzene	12.458	105	1079999	27.208	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	147754	23.941	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	888704	28.267	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	807002	27.815	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	443458	25.952	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	454896	26.350	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	394095	25.860	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	31909	22.296	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	282191	24.878	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	234581	24.686	ug/L	98
71) Naphthalene	15.360	128	427066	23.811	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	209828	24.886	ug/L	99

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

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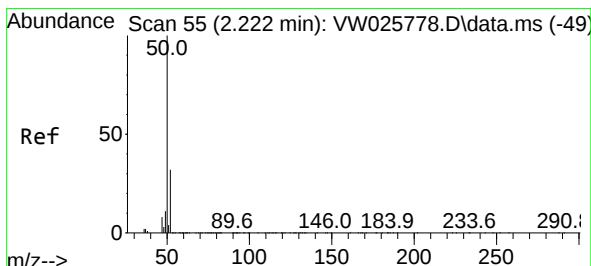
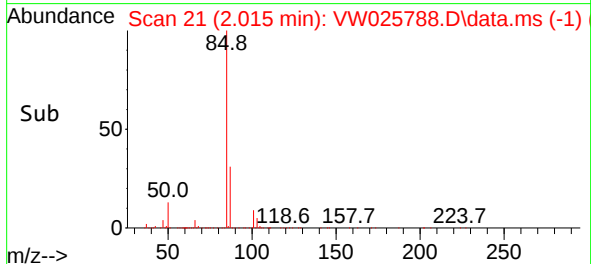
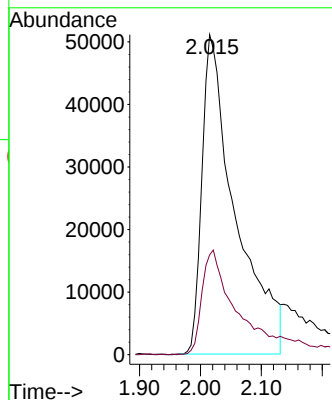
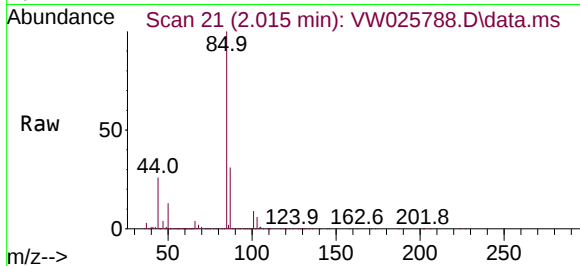




#2
 Dichlorodifluoromethane
 Concen: 28.603 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025788.D
 Acq: 02 May 2023 08:52

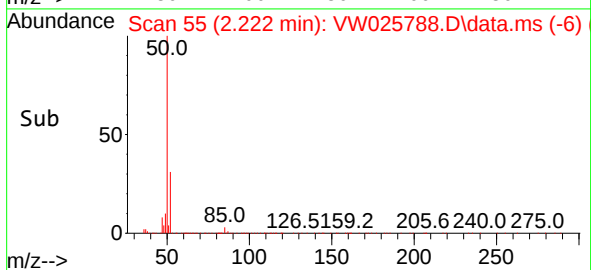
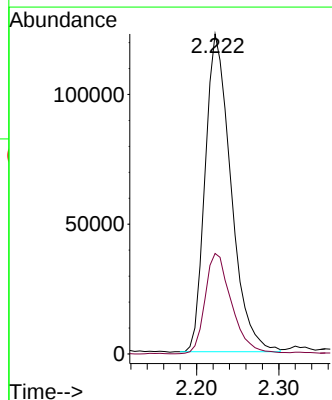
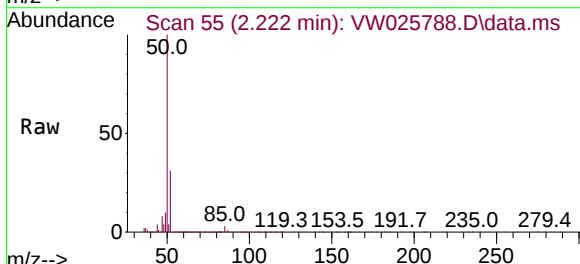
Instrument :
 MSVOA_W
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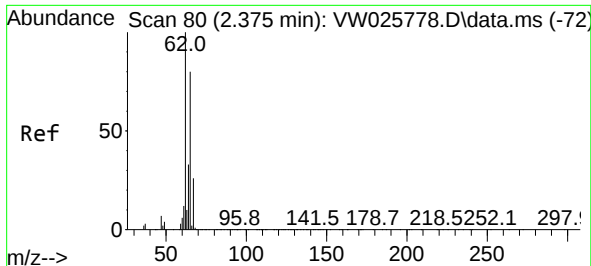
Tgt Ion: 85 Resp: 194587
 Ion Ratio Lower Upper
 85 100
 87 28.7 24.7 37.1



#3
 Chloromethane
 Concen: 26.641 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW025788.D
 Acq: 02 May 2023 08:52

Tgt Ion: 50 Resp: 267229
 Ion Ratio Lower Upper
 50 100
 52 31.4 22.1 41.1

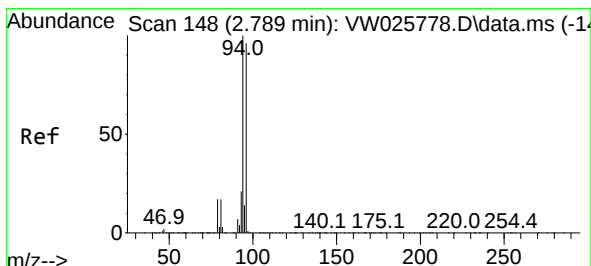
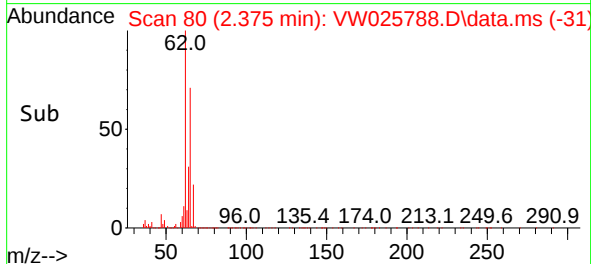
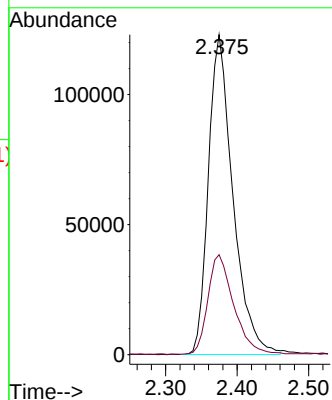
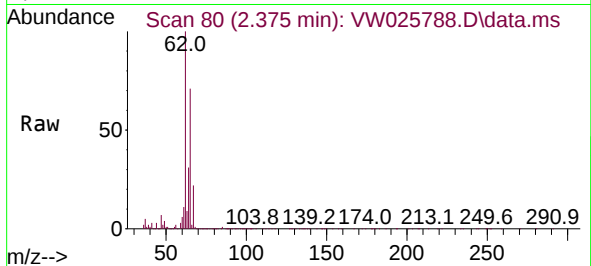




#5
 Vinyl chloride
 Concen: 28.191 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025788.D
 Acq: 02 May 2023 08:52

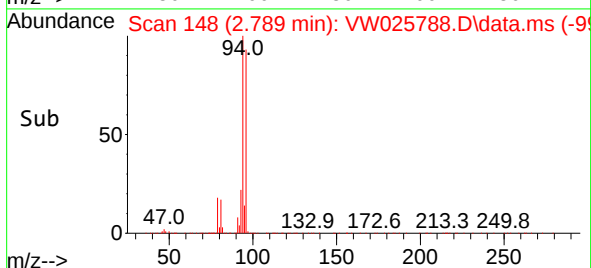
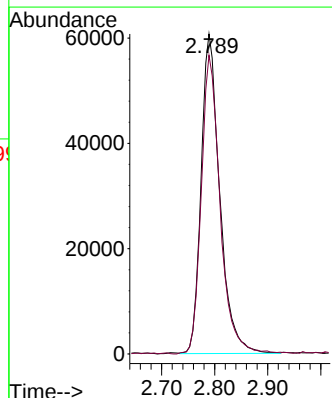
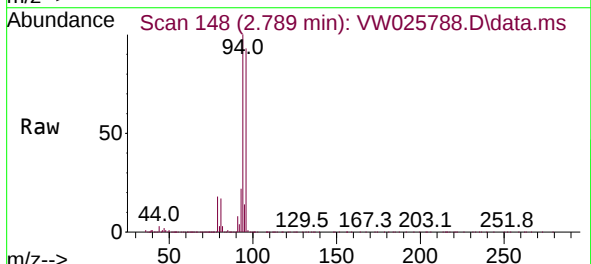
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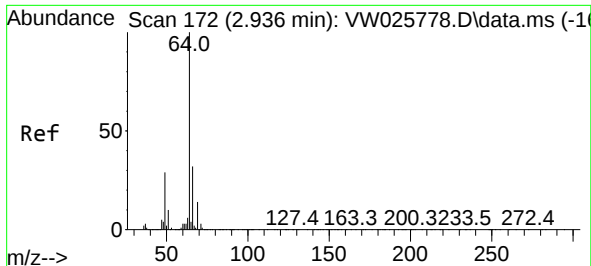
Tgt Ion: 62 Resp: 292692
 Ion Ratio Lower Upper
 62 100
 64 31.3 22.7 42.3



#6
 Bromomethane
 Concen: 26.244 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025788.D
 Acq: 02 May 2023 08:52

Tgt Ion: 94 Resp: 148200
 Ion Ratio Lower Upper
 94 100
 96 93.4 63.1 117.1

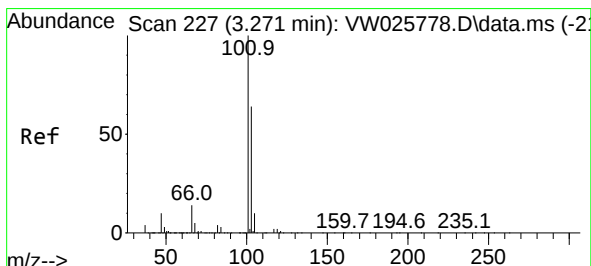
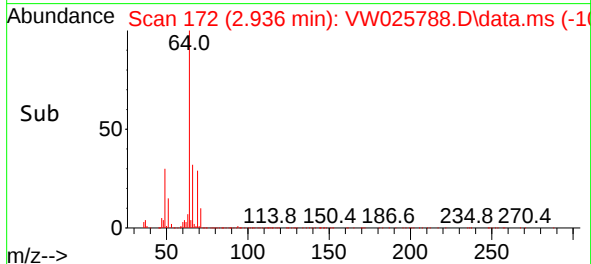
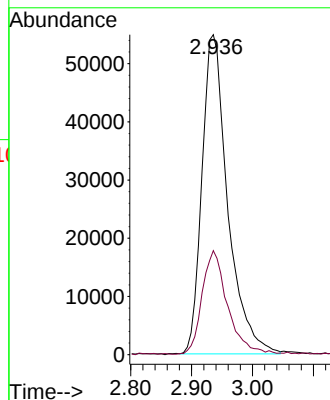
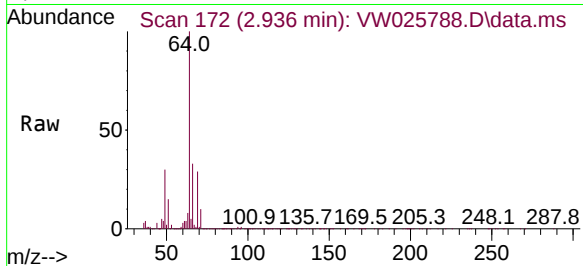




#8
Chloroethane
Concen: 27.308 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

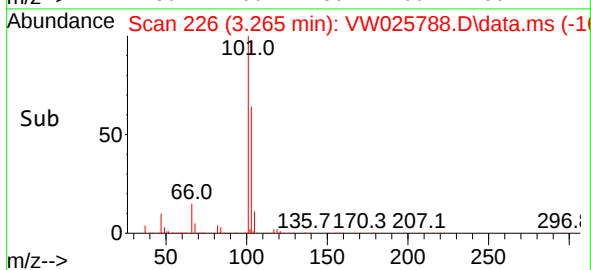
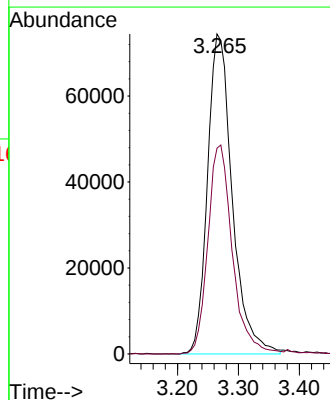
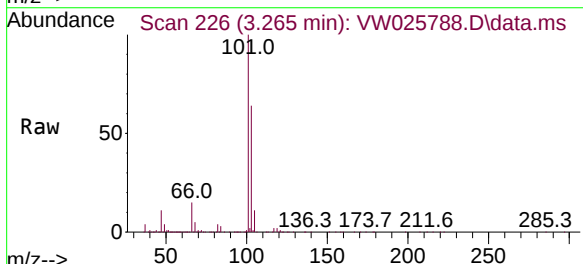
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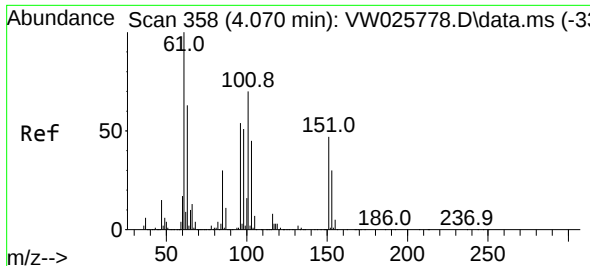
Tgt Ion: 64 Resp: 161215
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.3



#9
Trichlorofluoromethane
Concen: 26.854 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

Tgt Ion:101 Resp: 210412
Ion Ratio Lower Upper
101 100
103 64.5 50.6 76.0

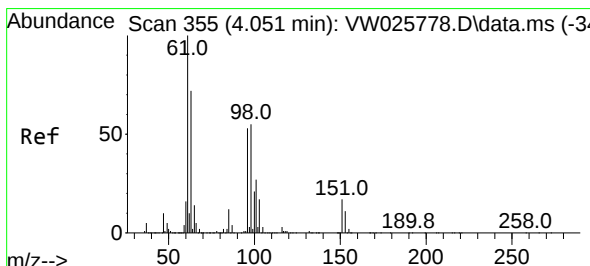
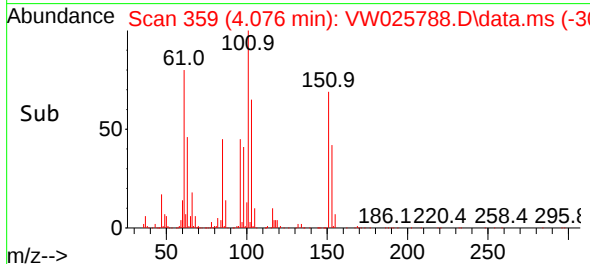
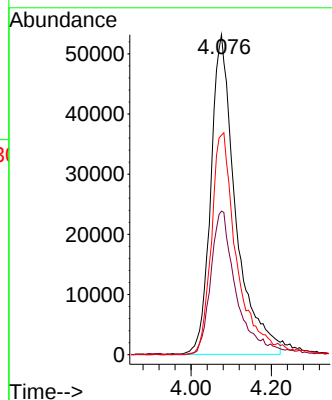
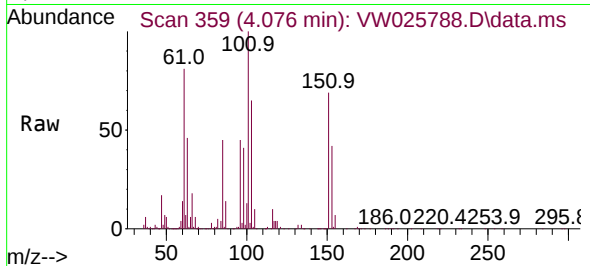




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.938 ug/L
 RT: 4.076 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW025788.D
 Acq: 02 May 2023 08:52

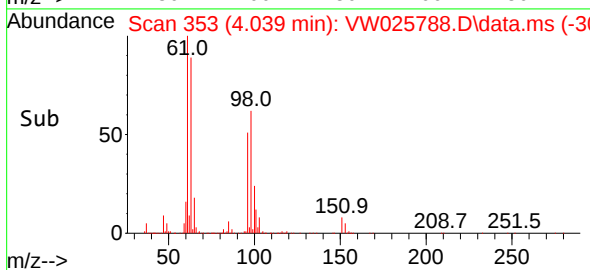
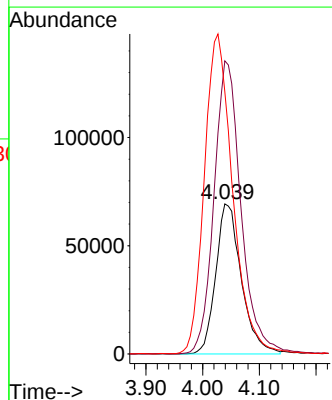
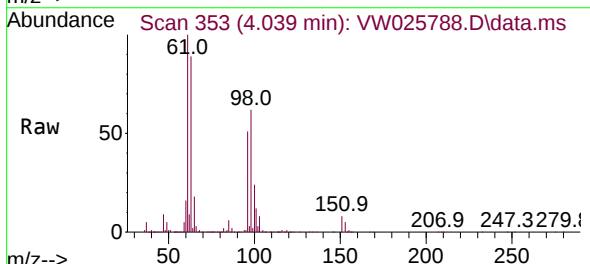
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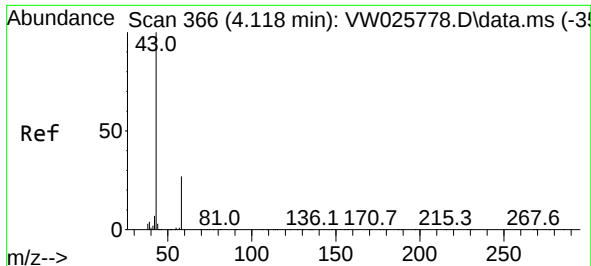
Tgt Ion:101 Resp: 229547
 Ion Ratio Lower Upper
 101 100
 85 43.4 33.9 50.9
 151 61.8 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 26.690 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.012 min
 Lab File: VW025788.D
 Acq: 02 May 2023 08:52

Tgt Ion: 96 Resp: 217364
 Ion Ratio Lower Upper
 96 100
 61 195.2 135.0 250.8
 63 174.5 104.9 194.7

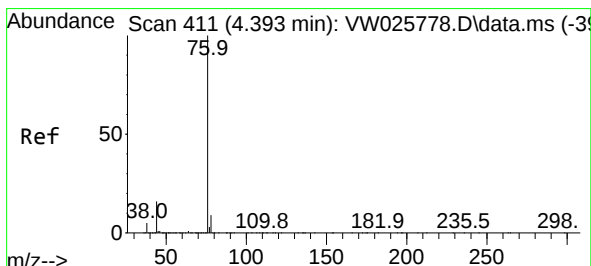
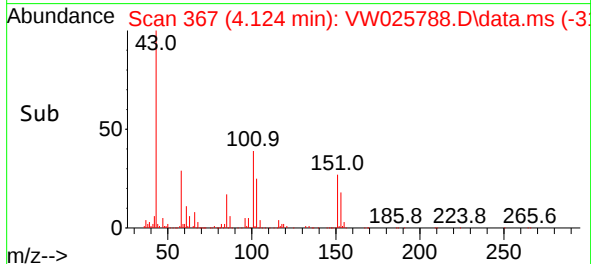
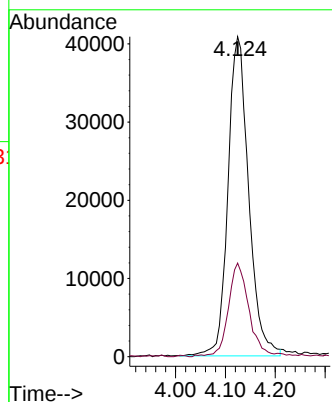
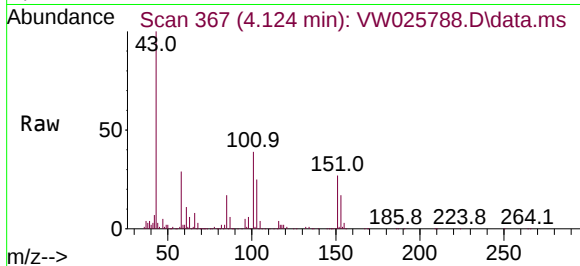




#13
Acetone
Concen: 46.502 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

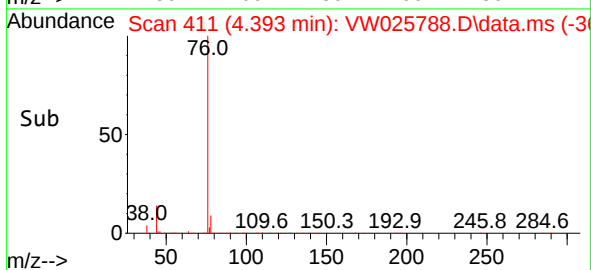
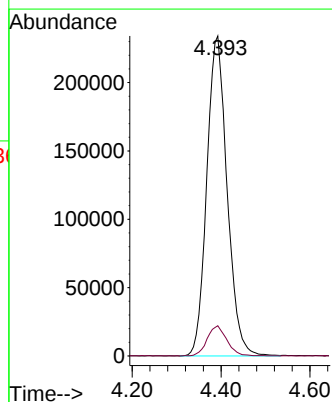
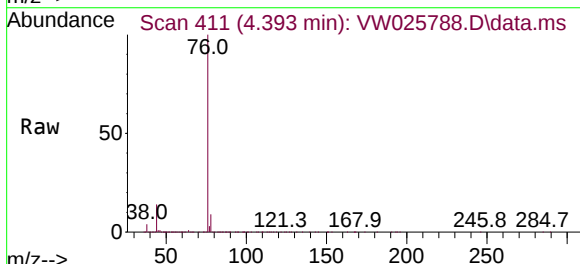
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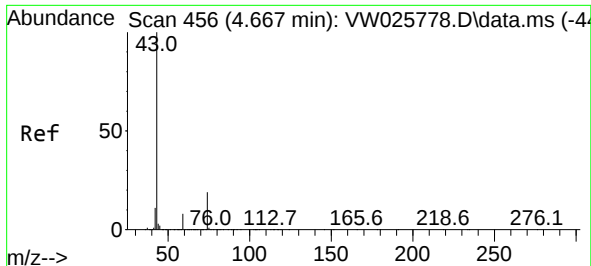
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Ion Ratio Lower Upper
43 100
58 27.5 0.0 58.2



#14
Carbon disulfide
Concen: 27.036 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

Tgt Ion: 76 Resp: 744585
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

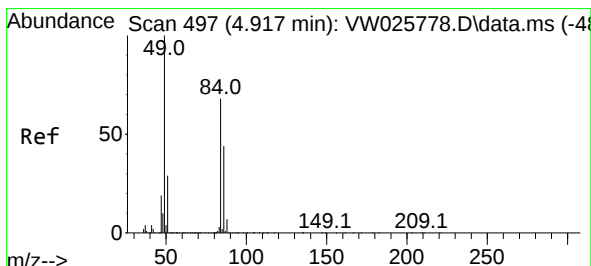
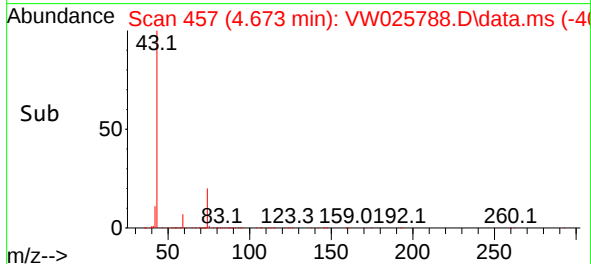
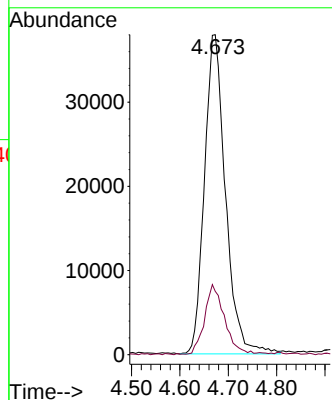
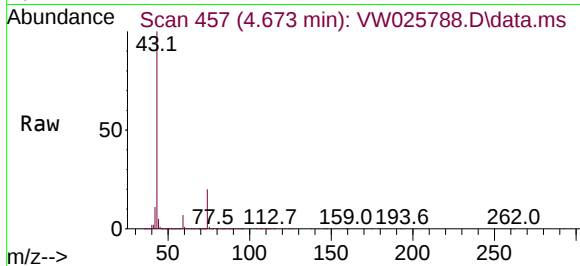




#15
Methyl Acetate
Concen: 22.988 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

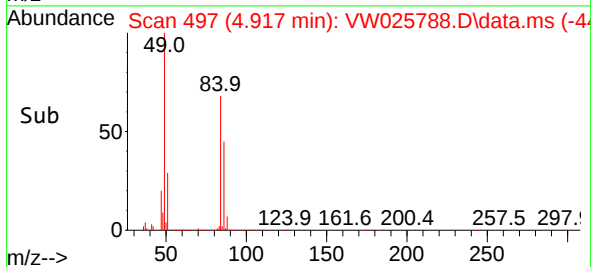
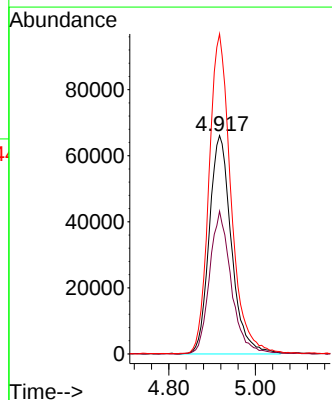
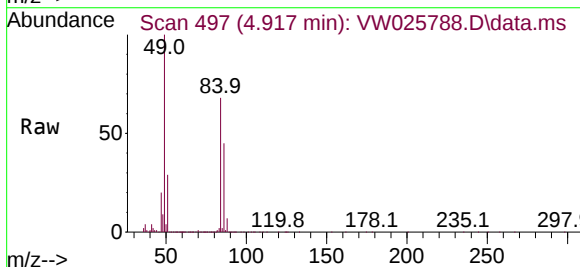
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

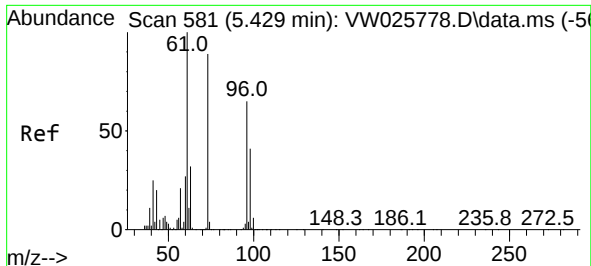
Tgt Ion: 43 Resp: 114588
Ion Ratio Lower Upper
43 100
74 20.3 16.5 24.7



#16
Methylene chloride
Concen: 18.731 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

Tgt Ion: 84 Resp: 235225
Ion Ratio Lower Upper
84 100
86 65.3 41.7 77.5
49 146.5 95.3 177.1

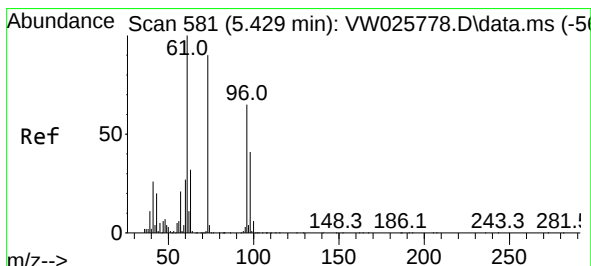
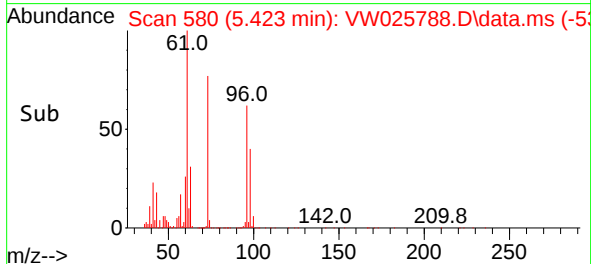
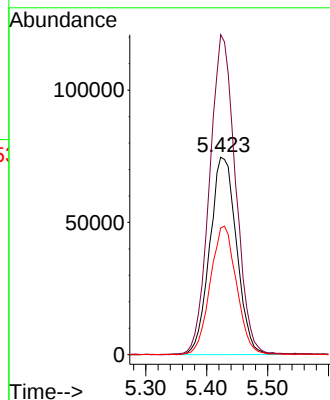
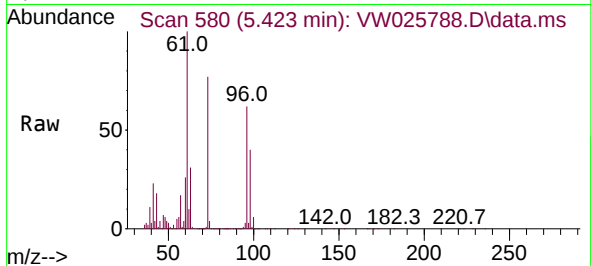




#17
trans-1,2-Dichloroethene
Concen: 25.677 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

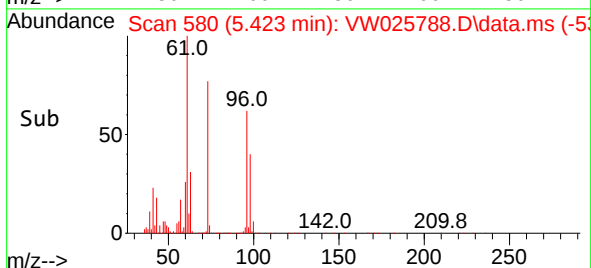
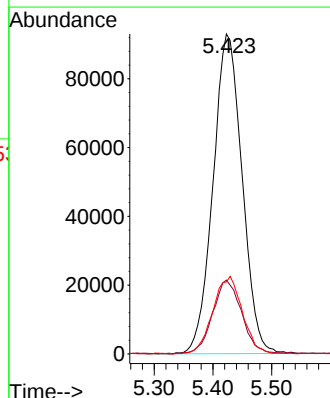
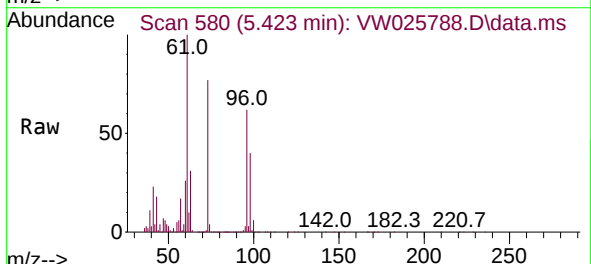
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

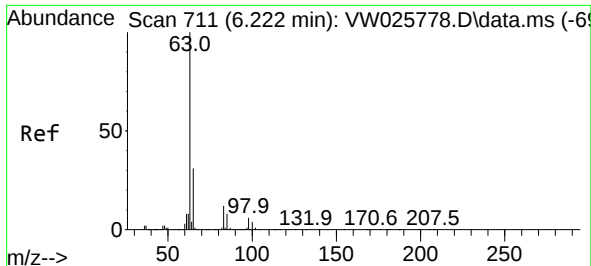
Tgt Ion: 96 Resp: 228126
Ion Ratio Lower Upper
96 100
61 162.1 108.1 200.9
98 64.2 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 23.659 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

Tgt Ion: 73 Resp: 319016
Ion Ratio Lower Upper
73 100
43 23.3 18.2 27.4
57 24.7 19.2 28.8





#19

1,1-Dichloroethane

Concen: 25.444 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW025788.D

Acq: 02 May 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025590

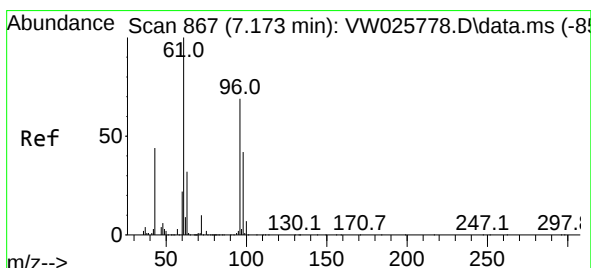
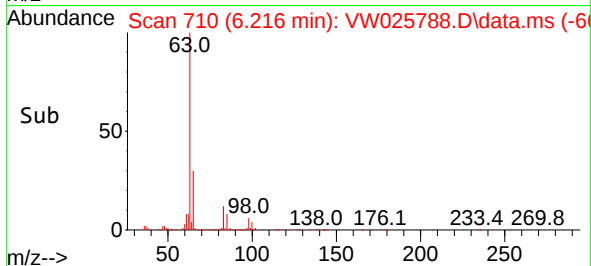
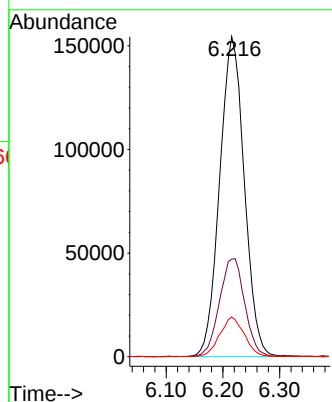
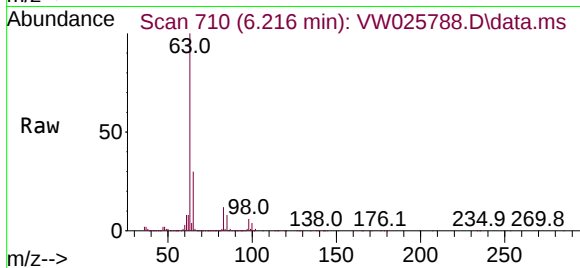
Tgt Ion: 63 Resp: 464443

Ion Ratio Lower Upper

63 100

65 30.5 22.4 41.6

83 12.4 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 25.032 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW025788.D

Acq: 02 May 2023 08:52

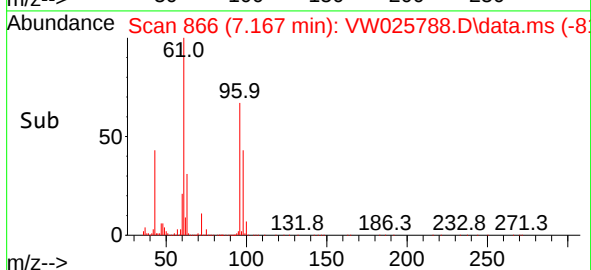
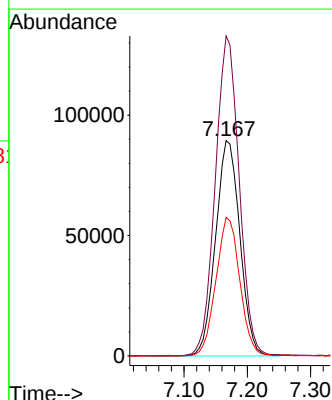
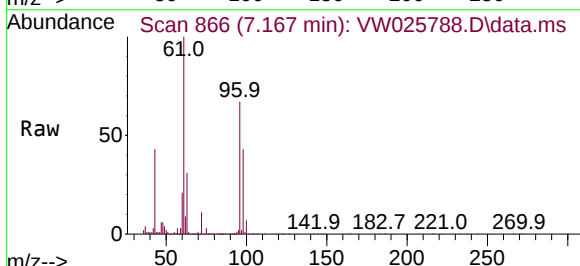
Tgt Ion: 96 Resp: 238594

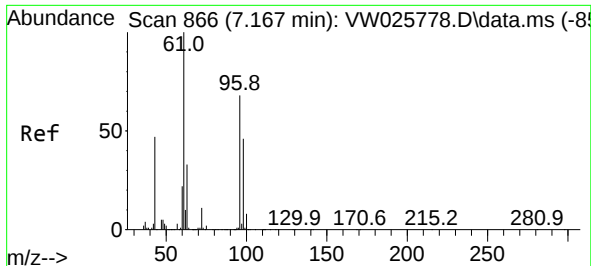
Ion Ratio Lower Upper

96 100

61 148.6 98.6 183.0

98 64.4 45.2 84.0

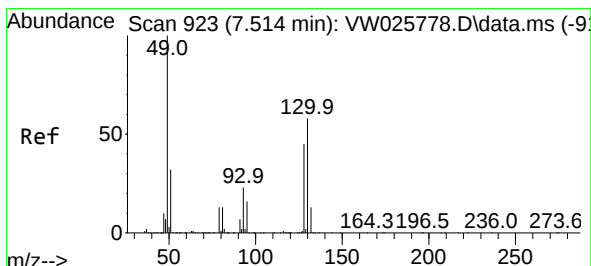
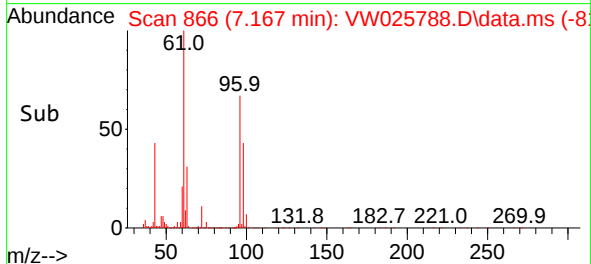
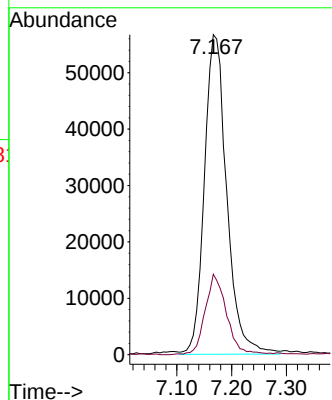
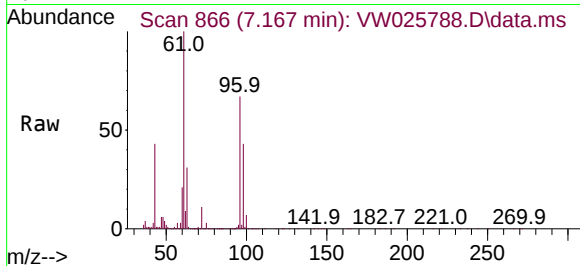




#22
2-Butanone
Concen: 45.924 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

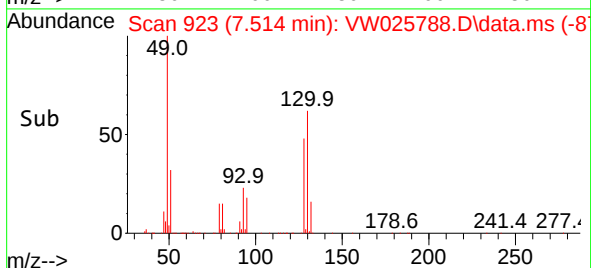
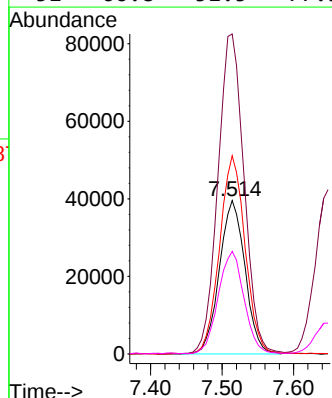
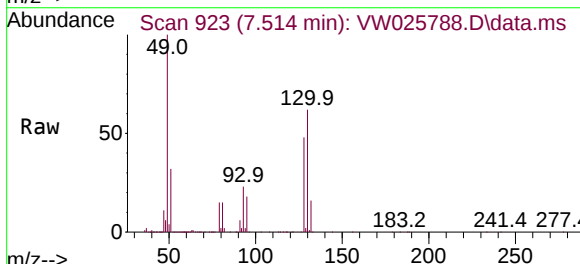
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

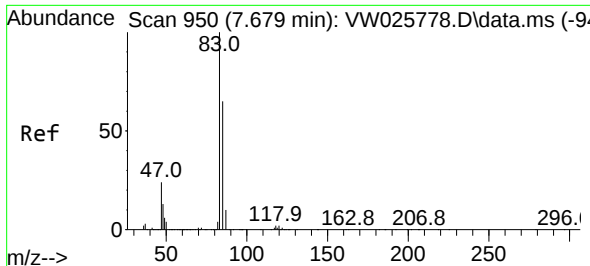
Tgt Ion: 43 Resp: 160398
Ion Ratio Lower Upper
43 100
72 23.3 11.8 35.4



#23
Bromochloromethane
Concen: 24.422 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

Tgt Ion: 128 Resp: 98614
Ion Ratio Lower Upper
128 100
49 208.6 151.5 281.5
130 129.2 91.3 169.6
51 66.8 51.5 77.3

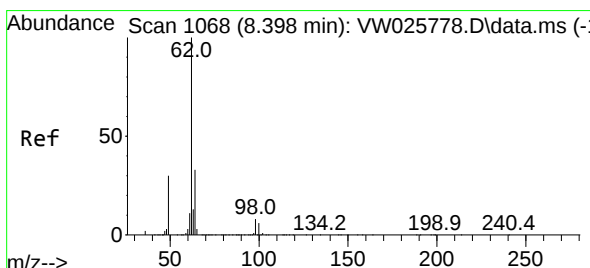
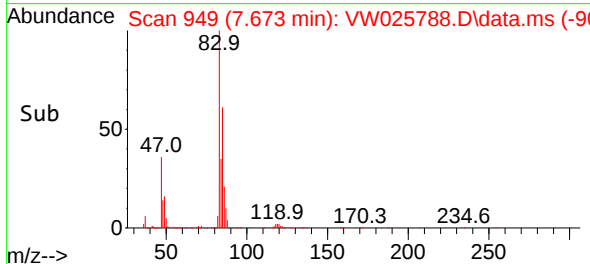
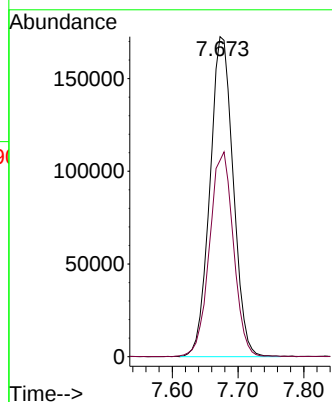
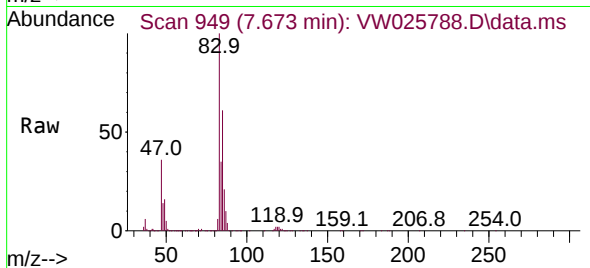




#25
Chloroform
Concen: 25.407 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

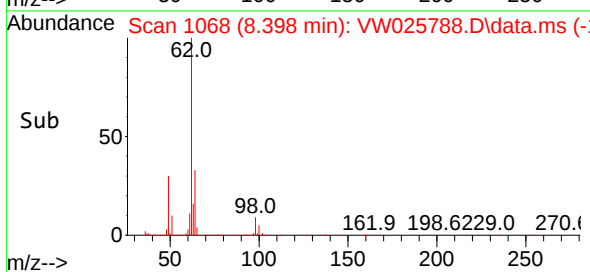
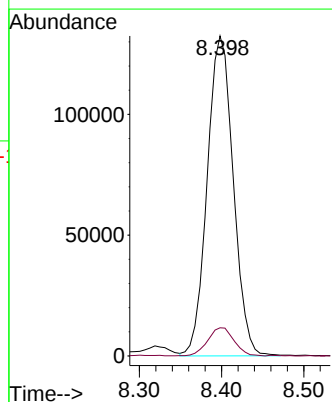
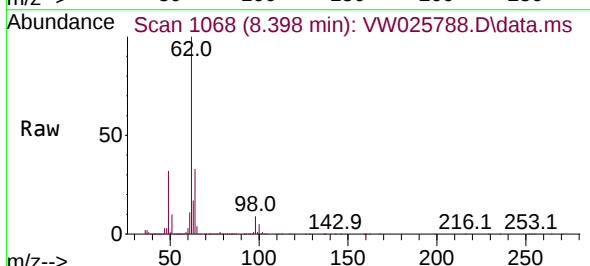
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

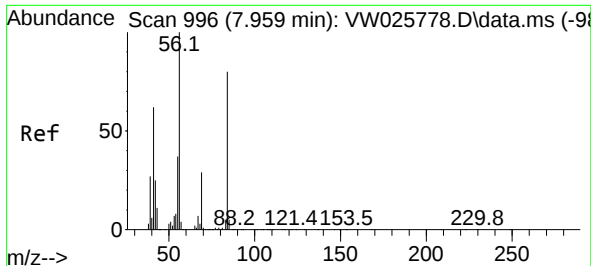
Tgt Ion: 83 Resp: 426248
Ion Ratio Lower Upper
83 100
85 61.4 45.1 83.9



#27
1,2-Dichloroethane
Concen: 24.527 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

Tgt Ion: 62 Resp: 292228
Ion Ratio Lower Upper
62 100
98 8.8 7.2 10.8

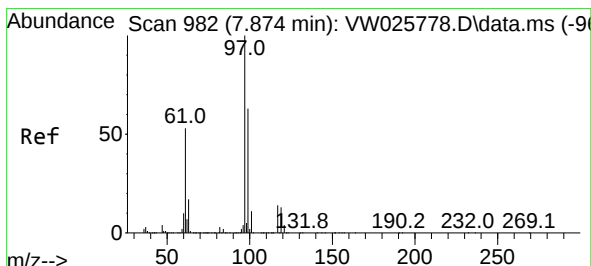
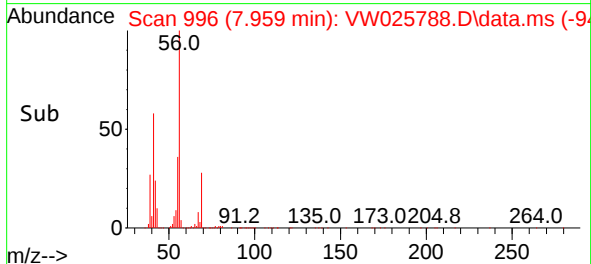
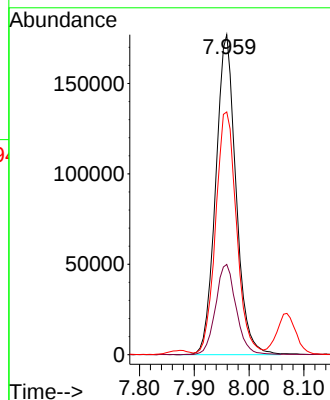
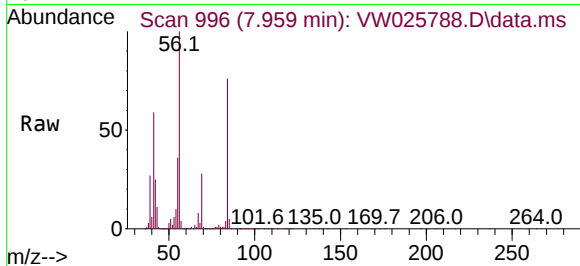




#29
Cyclohexane
Concen: 27.836 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

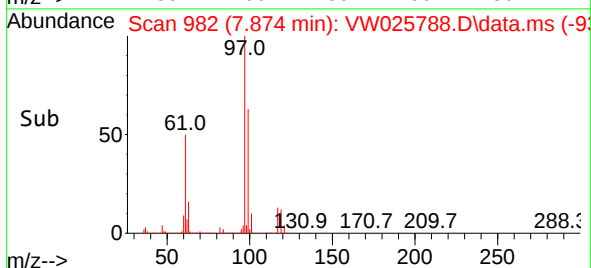
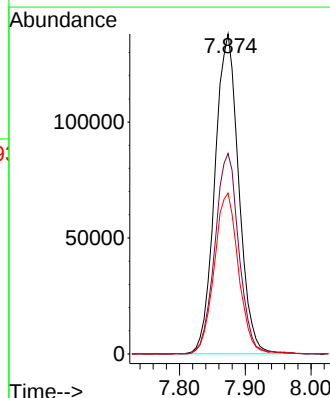
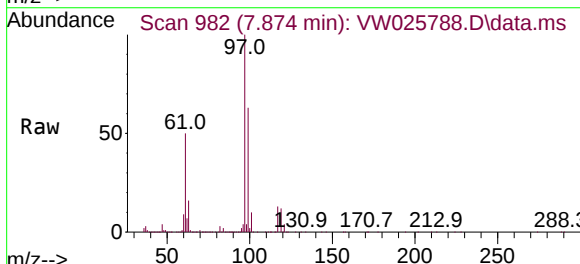
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

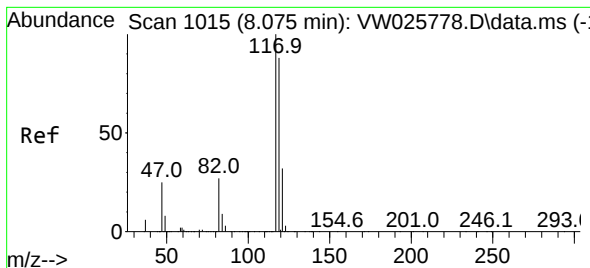
Tgt Ion: 56 Resp: 454066
Ion Ratio Lower Upper
56 100
69 28.6 23.4 35.0
84 78.3 63.3 94.9



#30
1,1,1-Trichloroethane
Concen: 27.031 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

Tgt Ion: 97 Resp: 347977
Ion Ratio Lower Upper
97 100
99 63.1 51.1 76.7
61 51.0 40.4 60.6





#31

Carbon tetrachloride

Concen: 26.816 ug/L

RT: 8.069 min Scan# 1015

Delta R.T. -0.006 min

Lab File: VW025788.D

Acq: 02 May 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

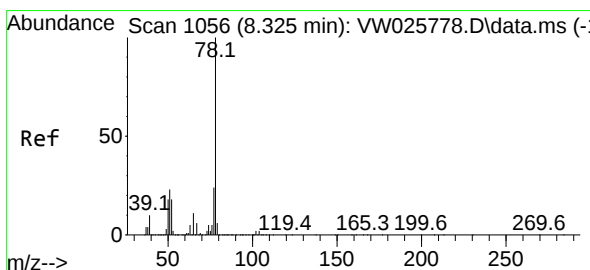
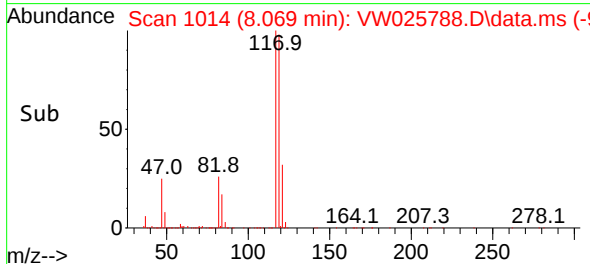
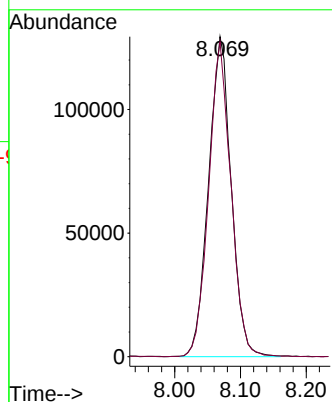
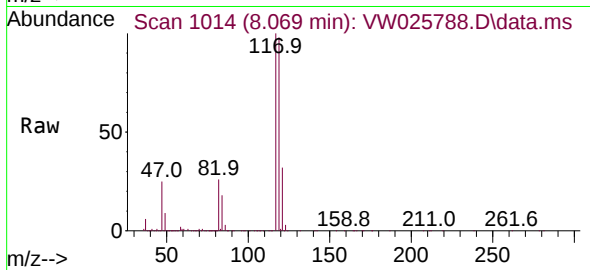
VSTD025590

Tgt Ion:117 Resp: 310661

Ion Ratio Lower Upper

117 100

119 96.5 76.9 115.3



#33

Benzene

Concen: 26.708 ug/L

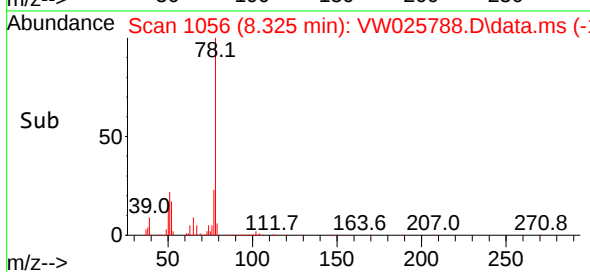
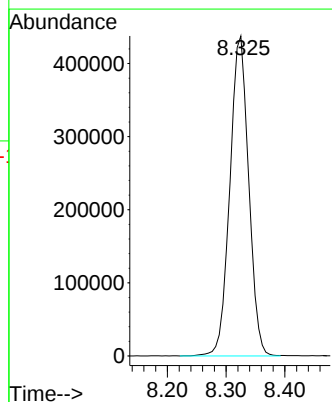
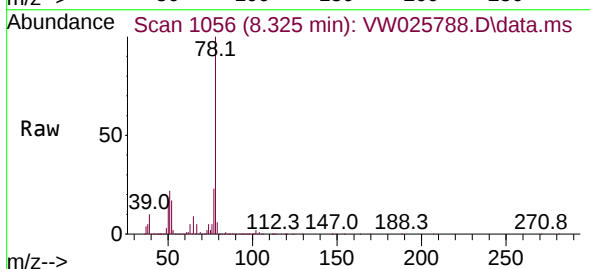
RT: 8.325 min Scan# 1056

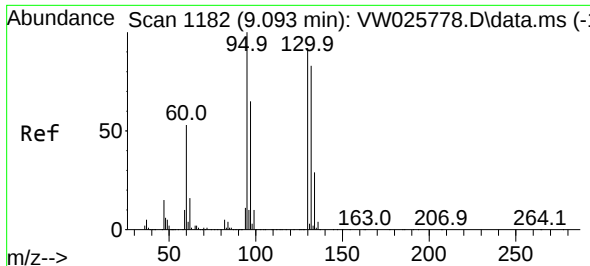
Delta R.T. -0.000 min

Lab File: VW025788.D

Acq: 02 May 2023 08:52

Tgt Ion: 78 Resp: 972638



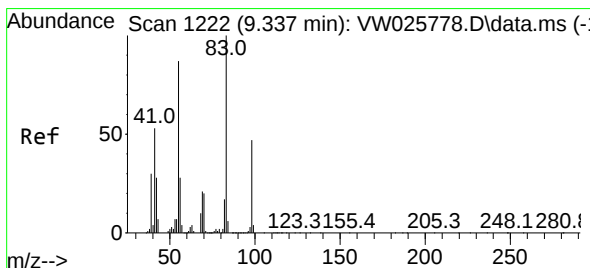
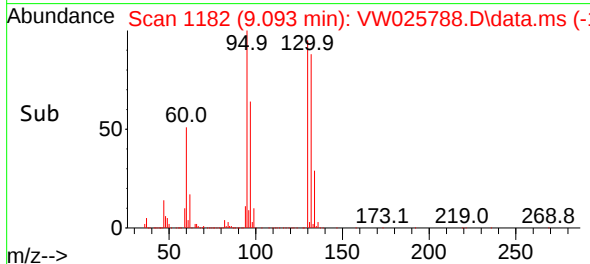
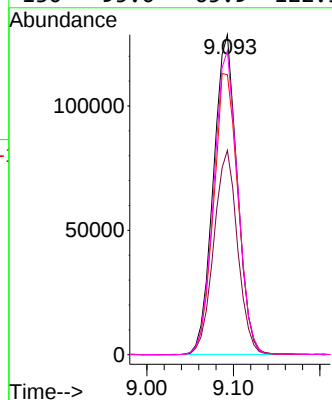
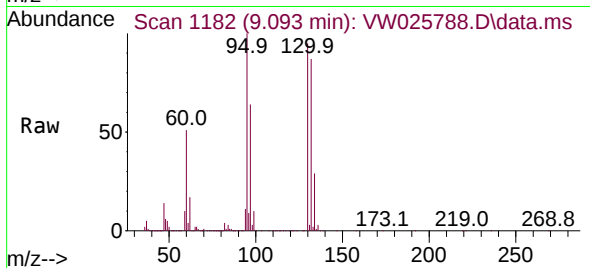


#34
Trichloroethene
Concen: 26.288 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

Tgt Ion: 95 Resp: 245659

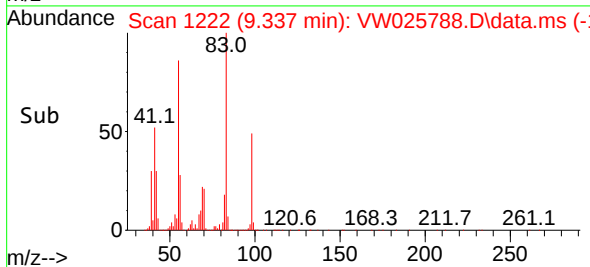
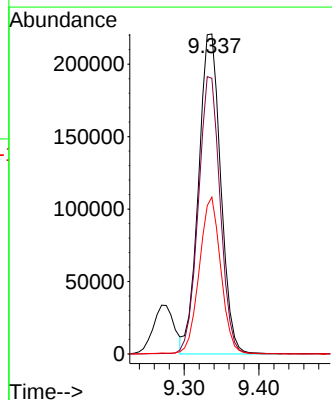
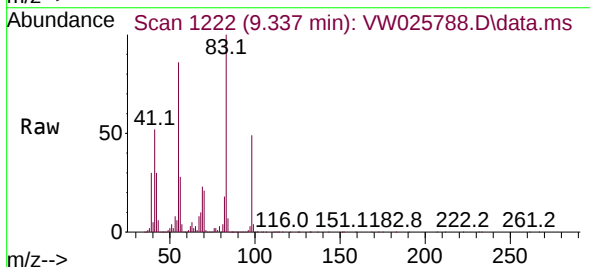
Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.9	85.3
132	87.5	66.0	122.6
130	95.0	65.9	122.3

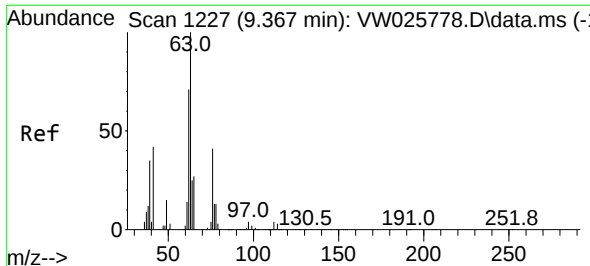


#35
Methylcyclohexane
Concen: 27.333 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

Tgt Ion: 83 Resp: 454304

Ion	Ratio	Lower	Upper
83	100		
55	85.3	69.0	103.4
98	47.7	37.1	55.7





#37

1,2-Dichloropropane

Concen: 26.150 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025788.D

Acq: 02 May 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

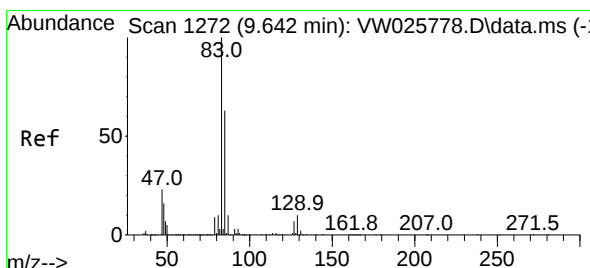
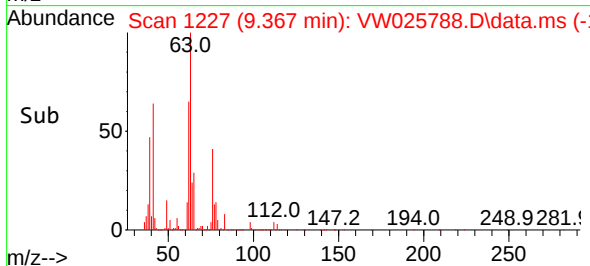
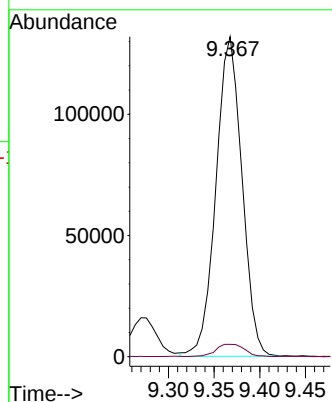
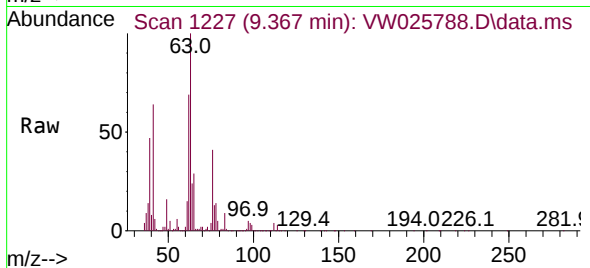
VSTD025590

Tgt Ion: 63 Resp: 260913

Ion Ratio Lower Upper

63 100

112 4.3 3.3 4.9



#38

Bromodichloromethane

Concen: 25.812 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025788.D

Acq: 02 May 2023 08:52

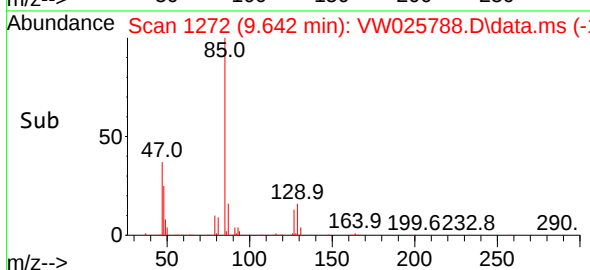
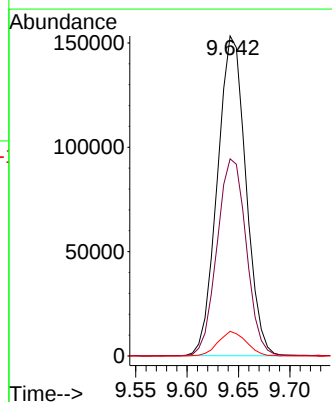
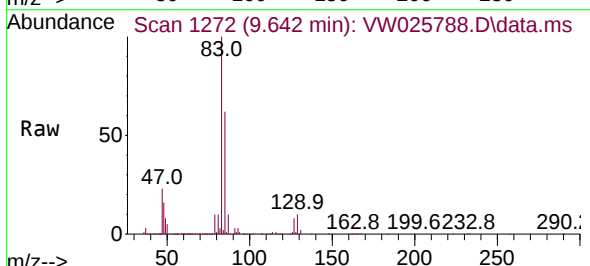
Tgt Ion: 83 Resp: 295466

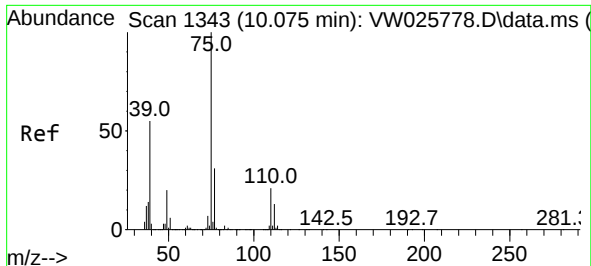
Ion Ratio Lower Upper

83 100

85 61.6 44.4 82.5

127 7.7 6.5 9.7

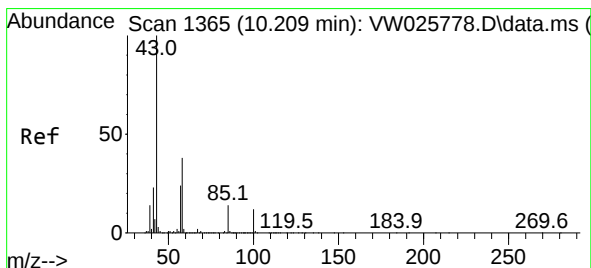
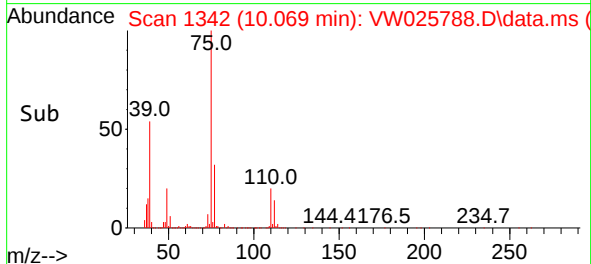
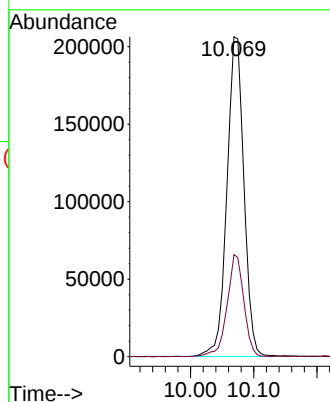
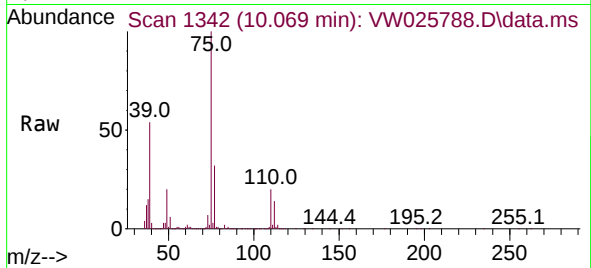




#39
 cis-1,3-Dichloropropene
 Concen: 26.278 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW025788.D
 Acq: 02 May 2023 08:52

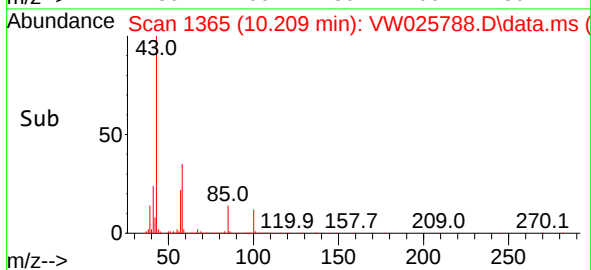
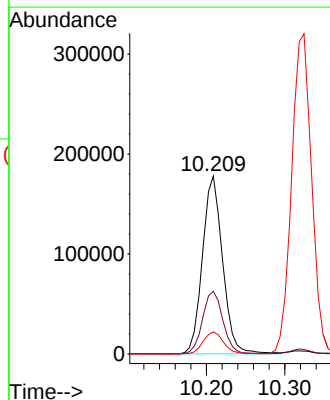
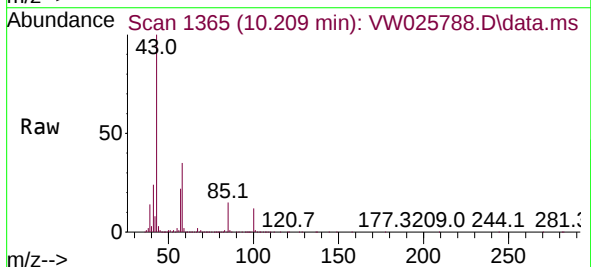
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025590

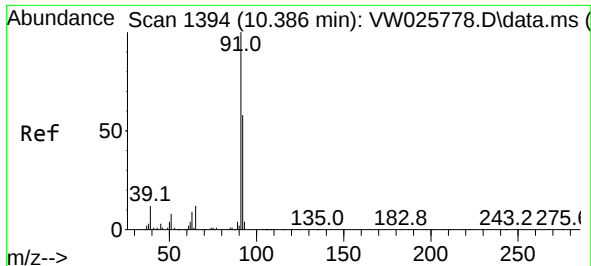
Tgt Ion: 75 Resp: 384501
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 48.870 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW025788.D
 Acq: 02 May 2023 08:52

Tgt Ion: 43 Resp: 317382
 Ion Ratio Lower Upper
 43 100
 58 35.9 29.4 44.0
 100 12.7 10.1 15.1

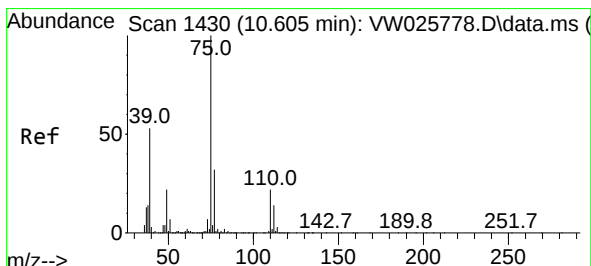
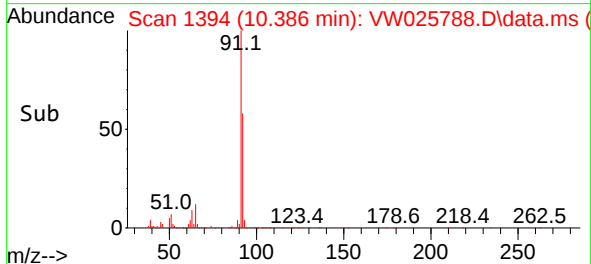
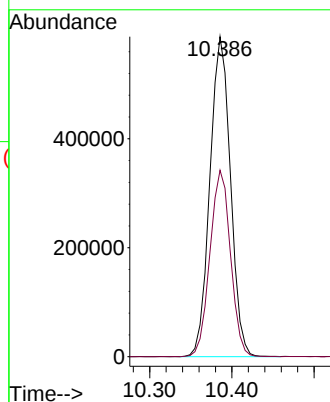
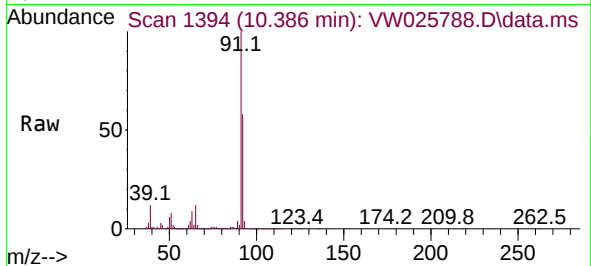




#42
Toluene
Concen: 27.391 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

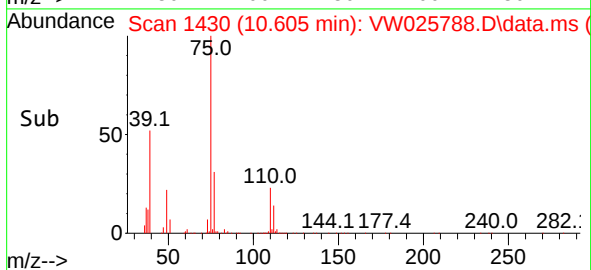
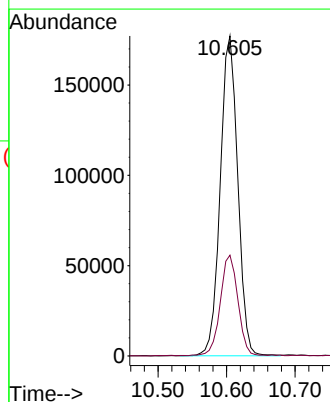
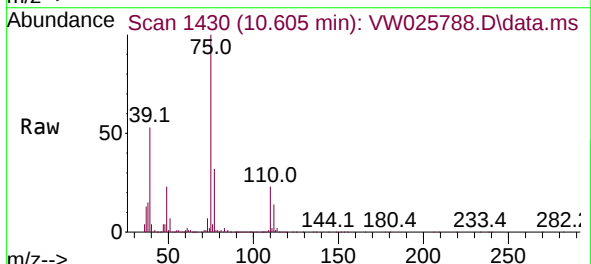
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

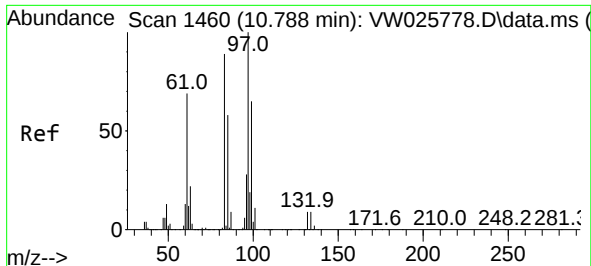
Tgt Ion: 91 Resp: 1019232
Ion Ratio Lower Upper
91 100
92 58.3 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 25.852 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

Tgt Ion: 75 Resp: 313424
Ion Ratio Lower Upper
75 100
77 31.5 21.8 40.4



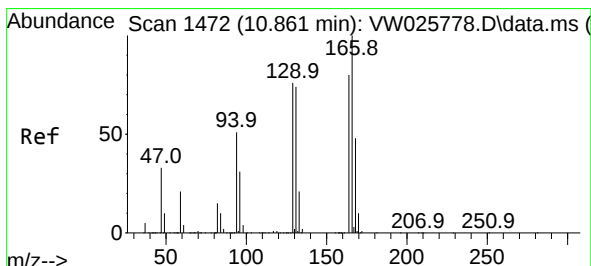
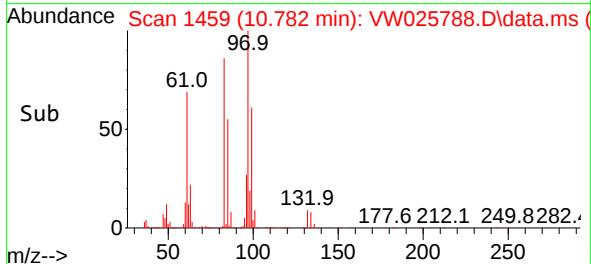
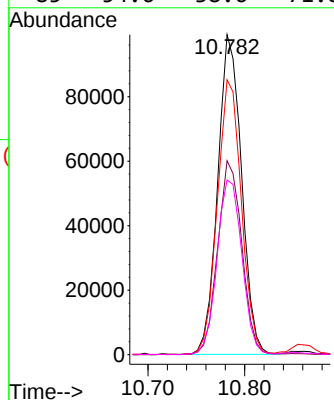
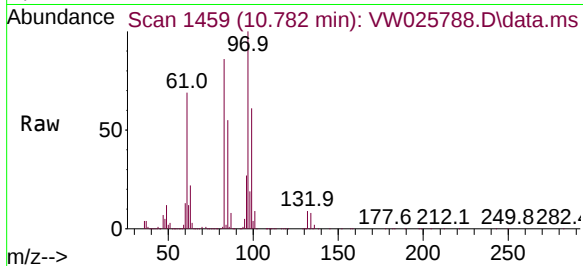


#45
1,1,2-Trichloroethane
Concen: 25.357 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

Tgt Ion: 97 Resp: 169242

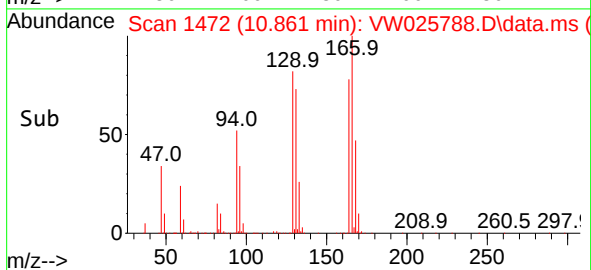
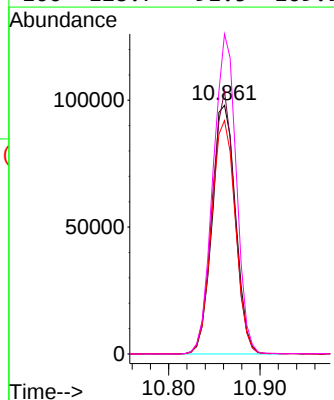
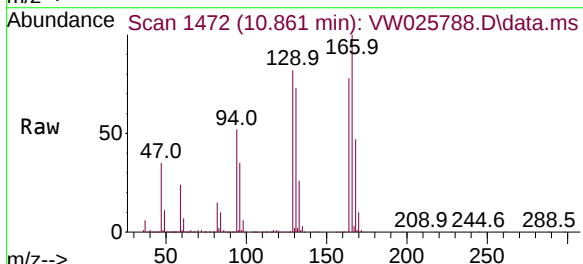
Ion	Ratio	Lower	Upper
97	100		
99	60.6	44.5	82.7
83	85.9	63.0	117.0
85	54.6	38.6	71.8

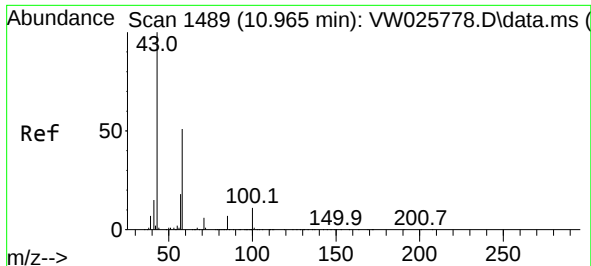


#46
Tetrachloroethene
Concen: 26.597 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

Tgt Ion: 164 Resp: 174859

Ion	Ratio	Lower	Upper
164	100		
129	105.8	74.3	138.1
131	93.9	71.3	132.3
166	128.7	91.5	169.9

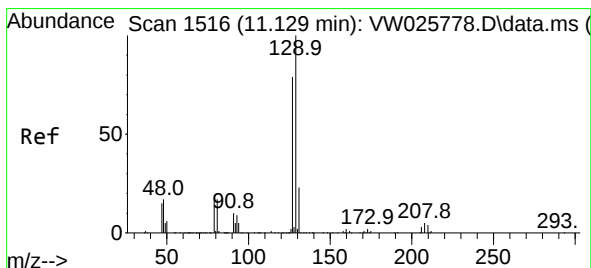
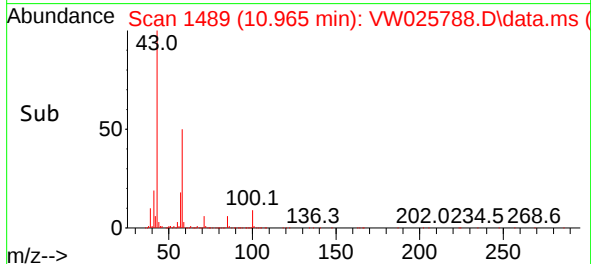
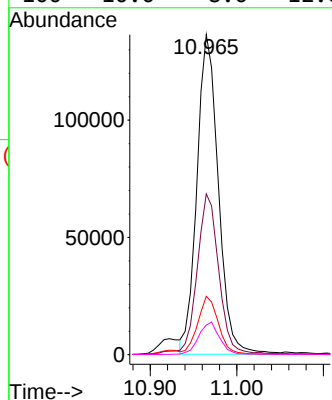
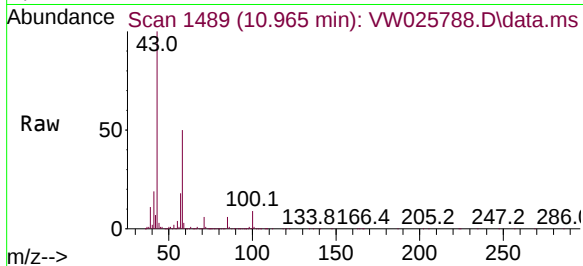




#48
2-Hexanone
Concen: 50.390 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

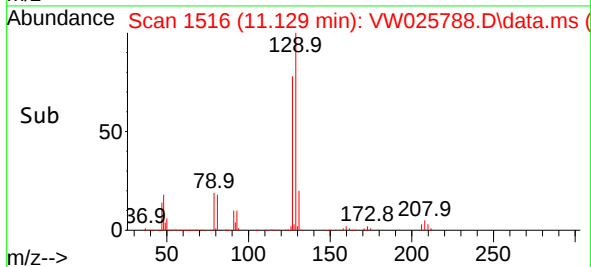
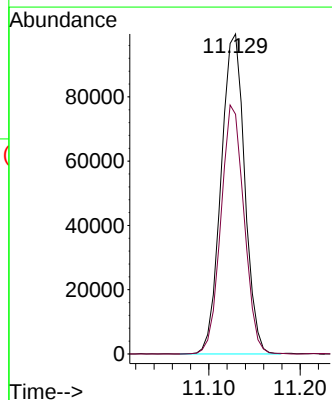
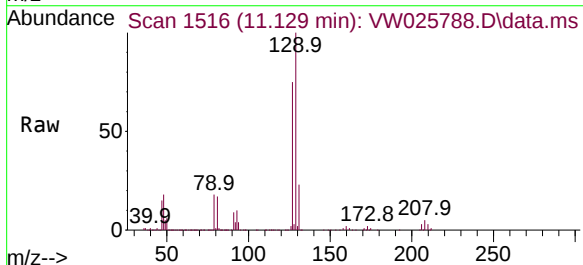
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

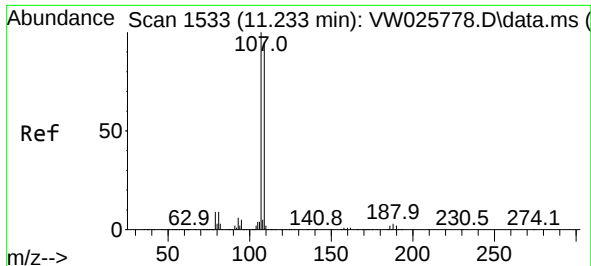
Tgt Ion:	43	Resp:	234440
Ion	Ratio	Lower	Upper
43	100		
58	49.4	40.8	61.2
57	17.7	13.6	20.4
100	10.0	8.0	12.0



#49
Dibromochloromethane
Concen: 25.875 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

Tgt Ion:	129	Resp:	178792
Ion	Ratio	Lower	Upper
129	100		
127	74.9	56.1	104.3





#50

1,2-Dibromoethane

Concen: 25.515 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025788.D

Acq: 02 May 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025590

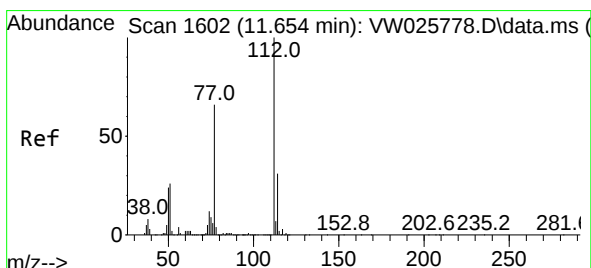
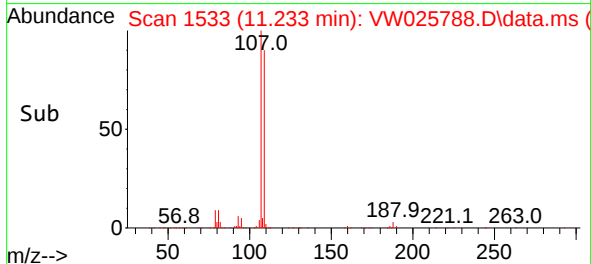
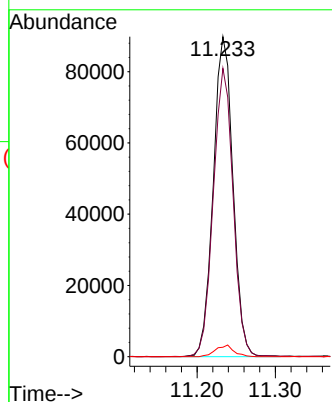
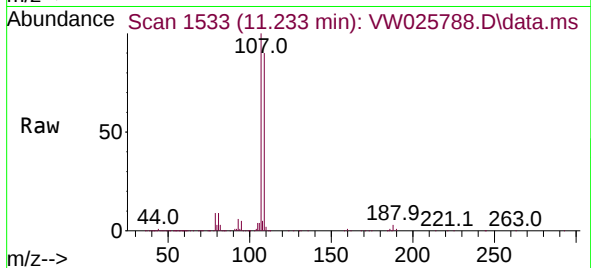
Tgt Ion:107 Resp: 156988

Ion Ratio Lower Upper

107 100

109 90.1 67.5 125.4

188 3.0 2.6 4.0



#51

Chlorobenzene

Concen: 26.373 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025788.D

Acq: 02 May 2023 08:52

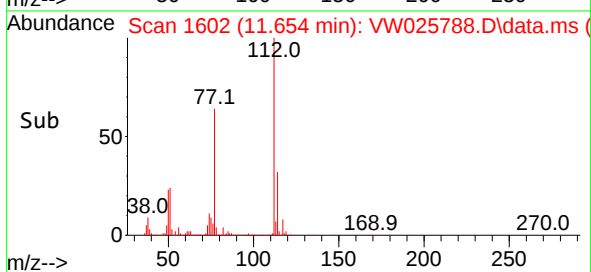
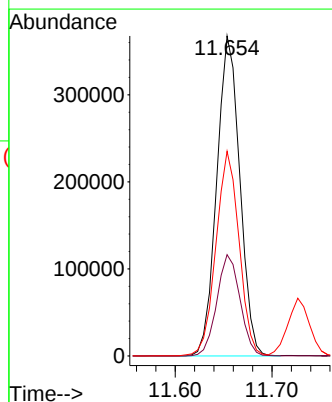
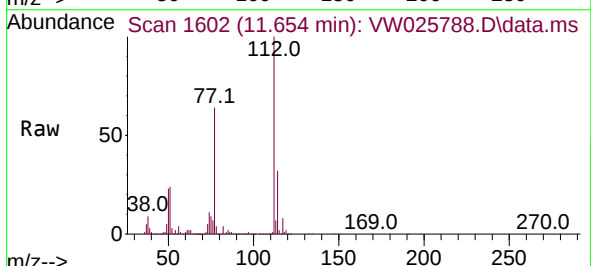
Tgt Ion:112 Resp: 607948

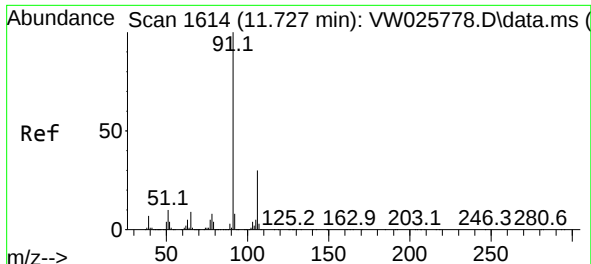
Ion Ratio Lower Upper

112 100

114 31.7 22.7 42.3

77 64.0 53.0 79.6

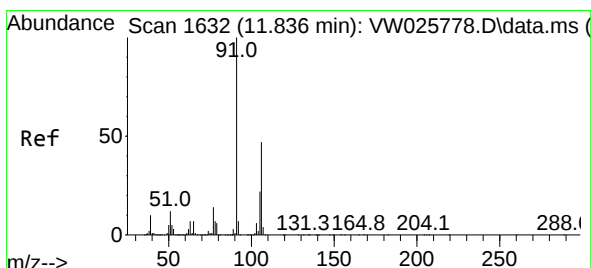
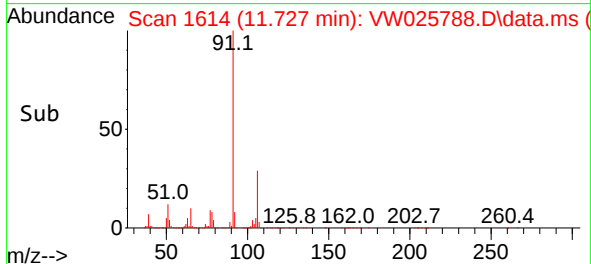
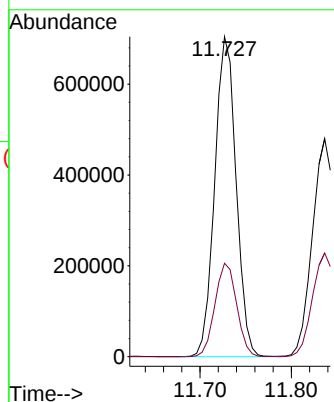
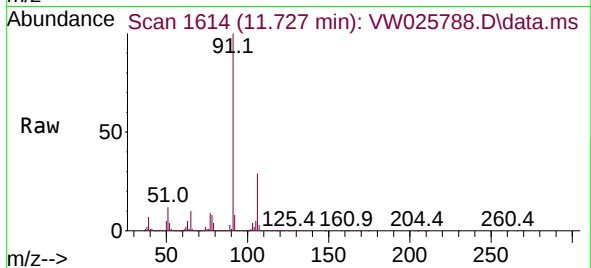




#52
Ethylbenzene
Concen: 27.345 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

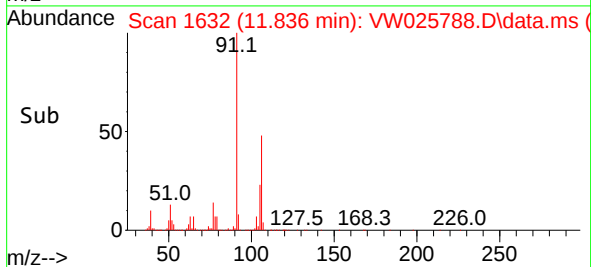
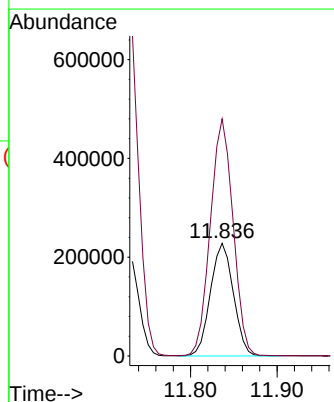
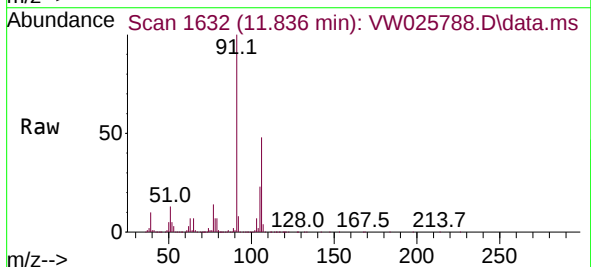
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

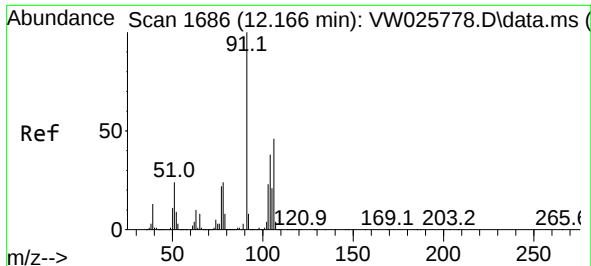
Tgt Ion: 91 Resp: 1144600
Ion Ratio Lower Upper
91 100
106 29.2 20.8 38.6



#53
m,p-Xylene
Concen: 27.207 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

Tgt Ion: 106 Resp: 419137
Ion Ratio Lower Upper
106 100
91 210.3 150.1 278.9

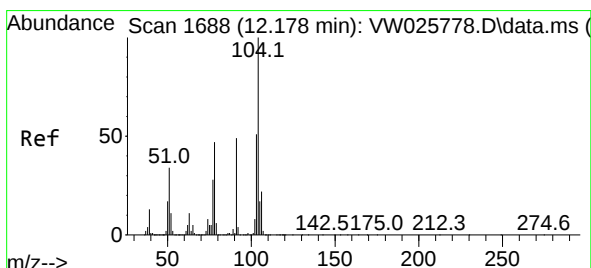
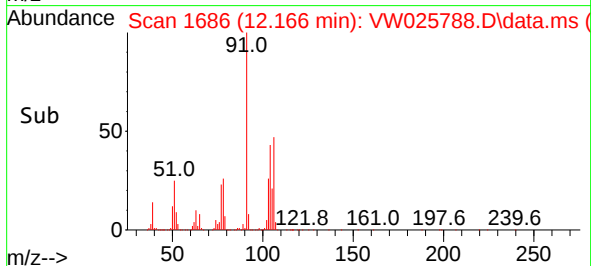
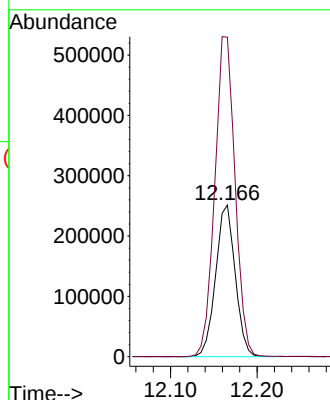
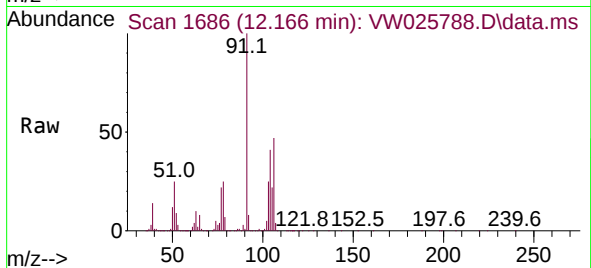




#54
o-Xylene
Concen: 27.177 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

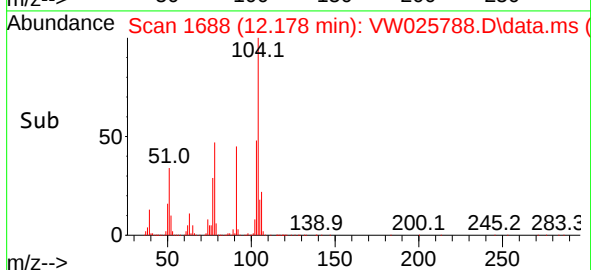
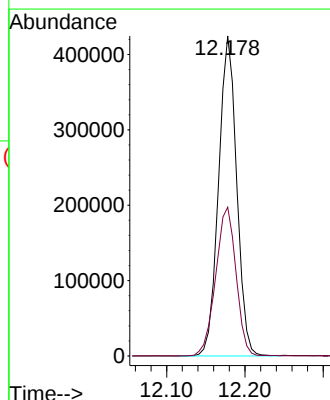
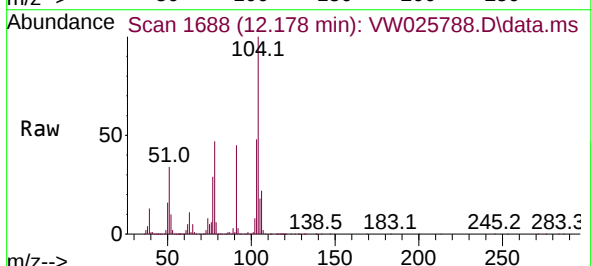
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

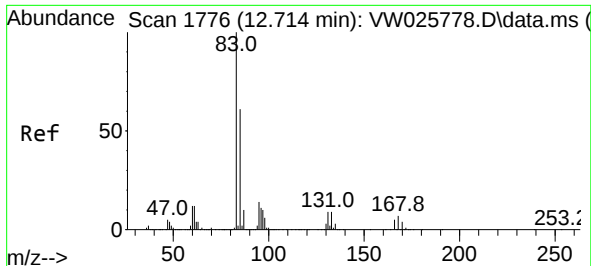
Tgt Ion:106 Resp: 394623
Ion Ratio Lower Upper
106 100
91 210.7 157.8 293.1



#55
Styrene
Concen: 27.493 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

Tgt Ion:104 Resp: 683284
Ion Ratio Lower Upper
104 100
78 46.5 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 24.602 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW025788.D

Acq: 02 May 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025590

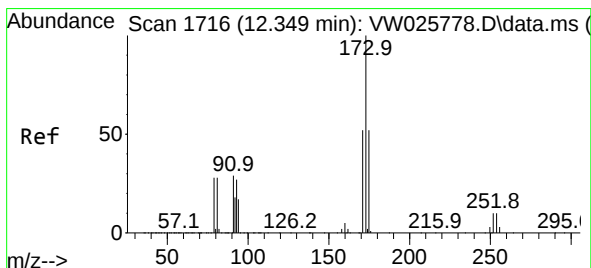
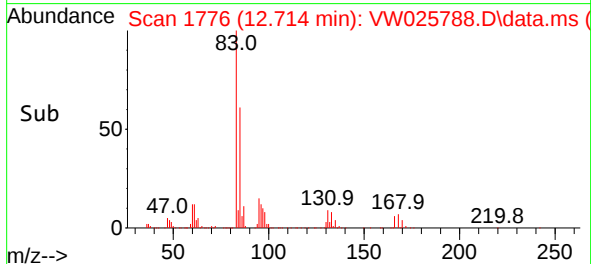
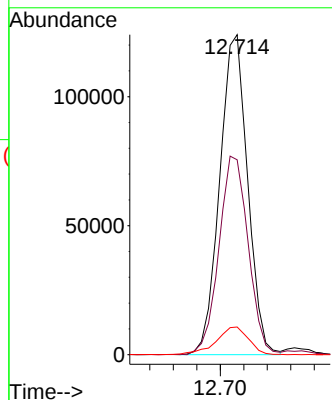
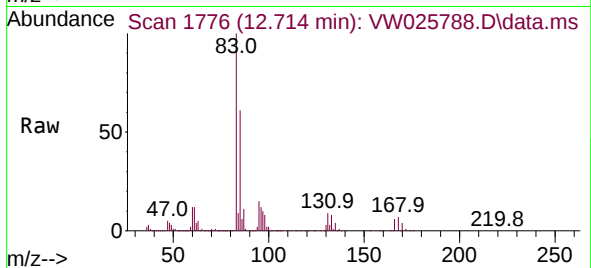
Tgt Ion: 83 Resp: 204884

Ion Ratio Lower Upper

83 100

85 60.9 45.6 84.8

131 8.6 8.1 12.1



#59

Bromoform

Concen: 24.254 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025788.D

Acq: 02 May 2023 08:52

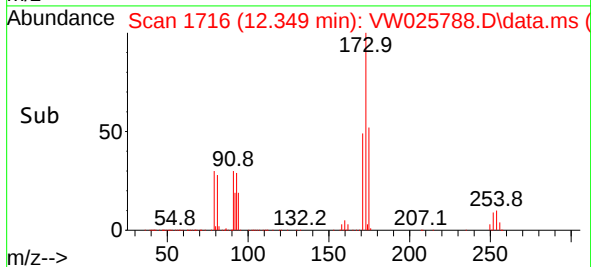
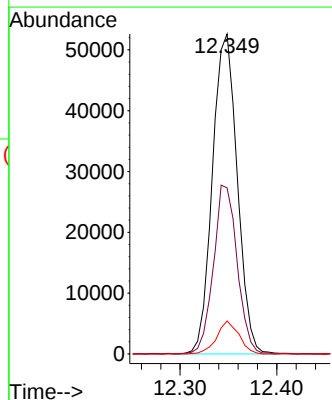
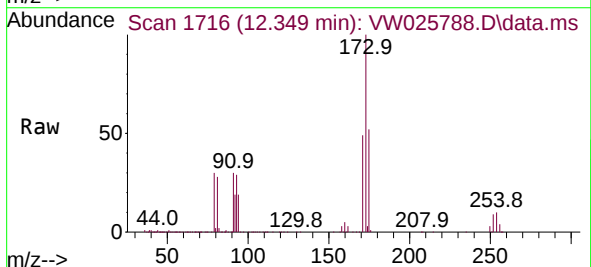
Tgt Ion: 173 Resp: 93814

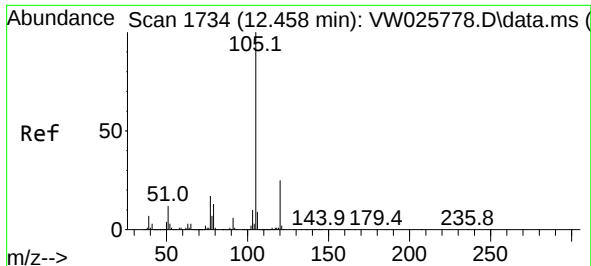
Ion Ratio Lower Upper

173 100

175 50.4 38.6 57.8

254 9.2 7.6 11.4

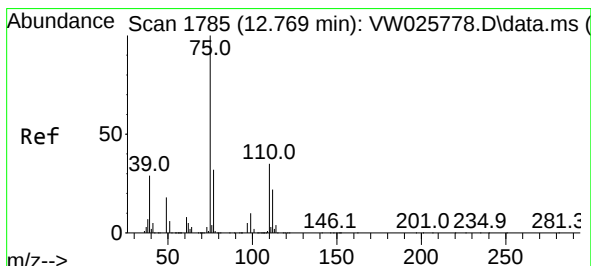
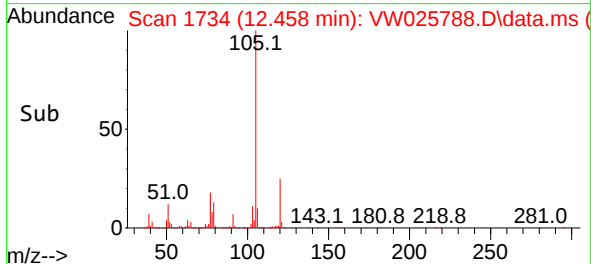
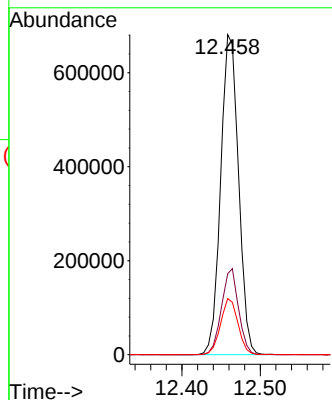
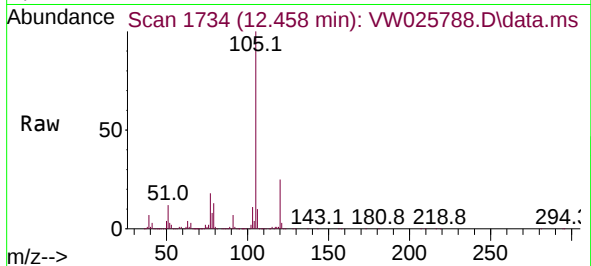




#60
Isopropylbenzene
Concen: 27.208 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

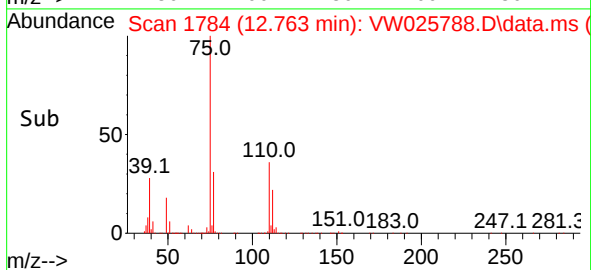
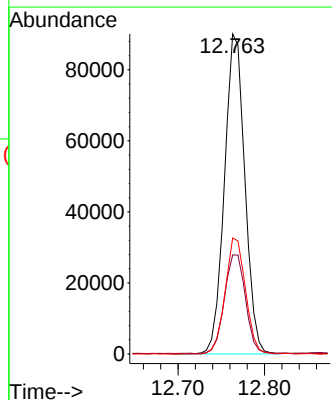
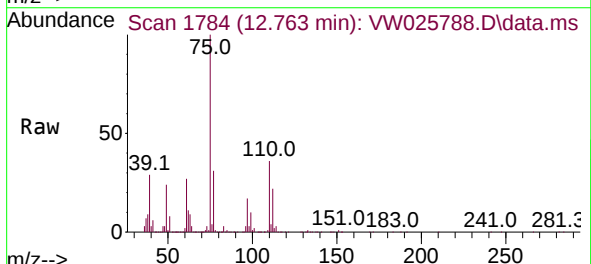
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

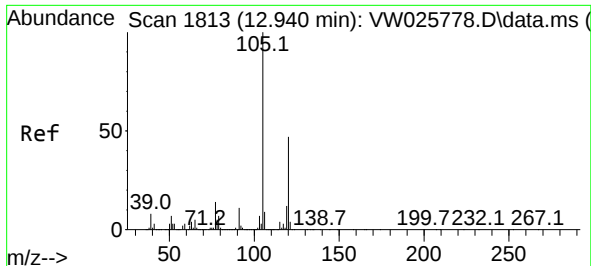
Tgt Ion:105 Resp: 1079999
Ion Ratio Lower Upper
105 100
120 25.7 21.1 31.7
77 17.1 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 23.941 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW025788.D
Acq: 02 May 2023 08:52

Tgt Ion: 75 Resp: 147754
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8
110 36.1 27.6 41.4





#62

1,3,5-Trimethylbenzene

Concen: 28.267 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW025788.D

Acq: 02 May 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

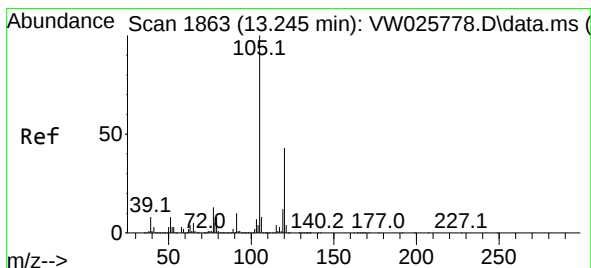
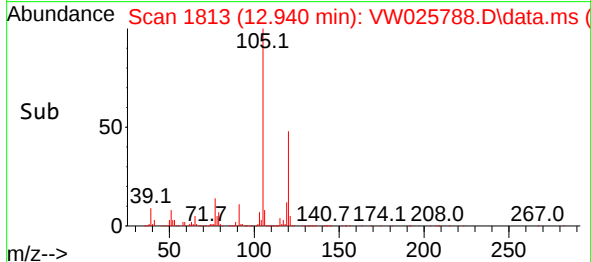
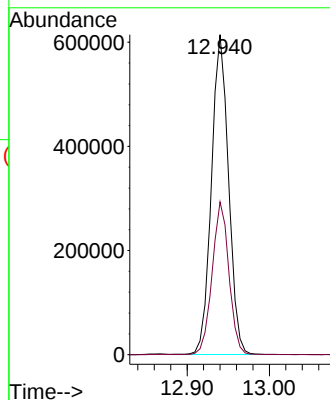
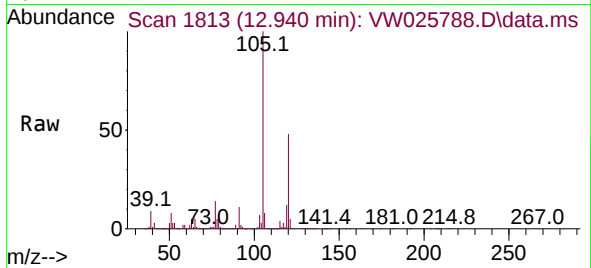
VSTD025590

Tgt Ion:105 Resp: 888704

Ion Ratio Lower Upper

105 100

120 46.8 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 27.815 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW025788.D

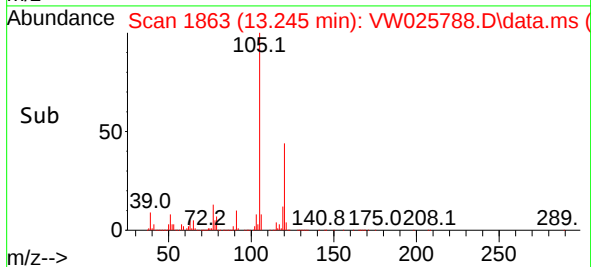
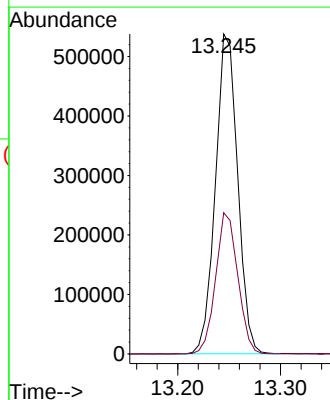
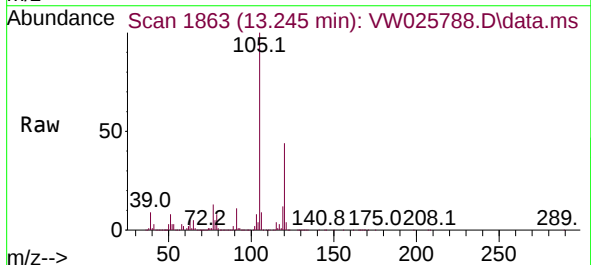
Acq: 02 May 2023 08:52

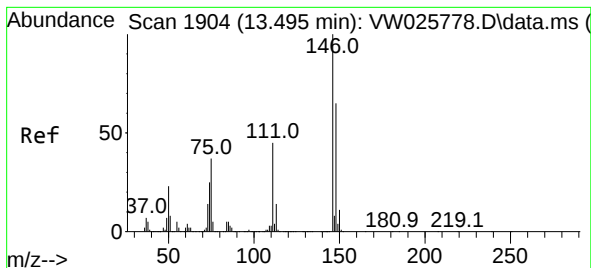
Tgt Ion:105 Resp: 807002

Ion Ratio Lower Upper

105 100

120 44.1 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 25.952 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW025788.D

Acq: 02 May 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025590

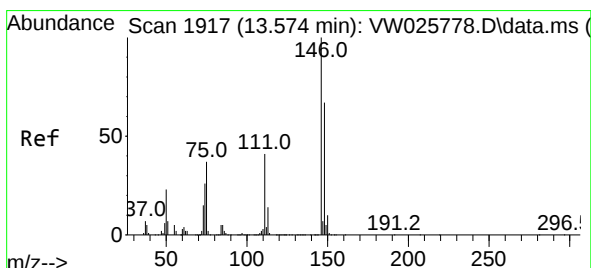
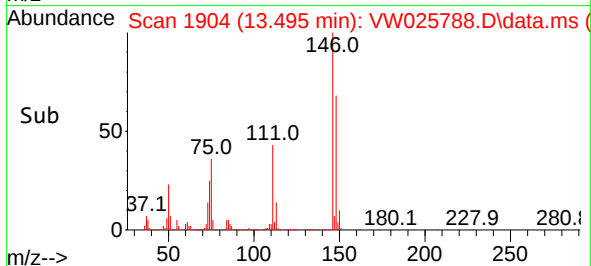
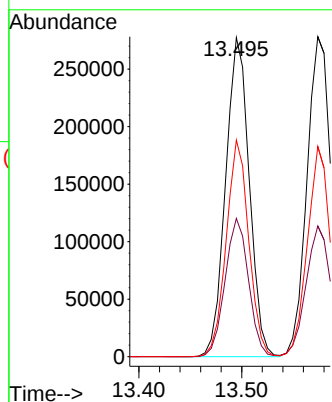
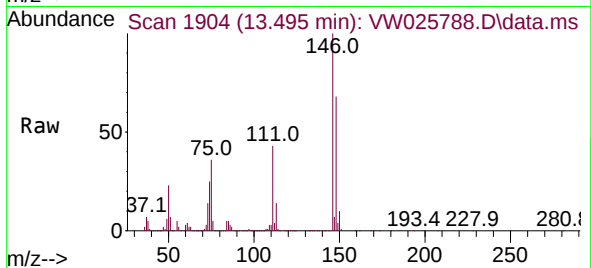
Tgt Ion:146 Resp: 443458

Ion Ratio Lower Upper

146 100

111 43.3 30.4 56.4

148 67.9 40.8 75.8



#65

1,4-Dichlorobenzene

Concen: 26.350 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW025788.D

Acq: 02 May 2023 08:52

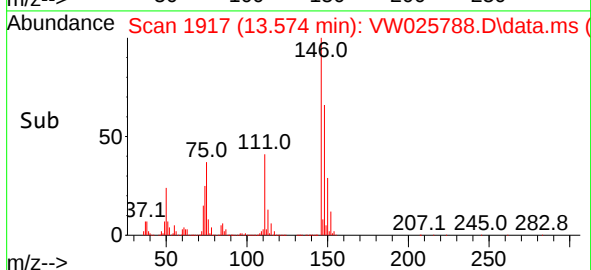
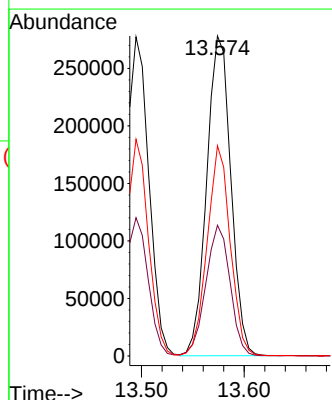
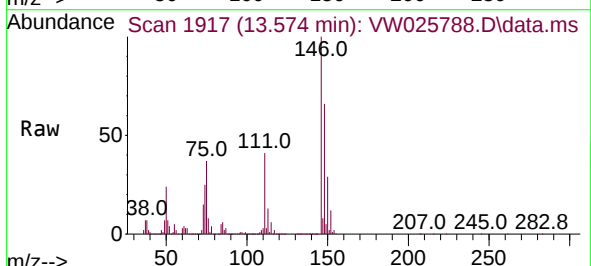
Tgt Ion:146 Resp: 454896

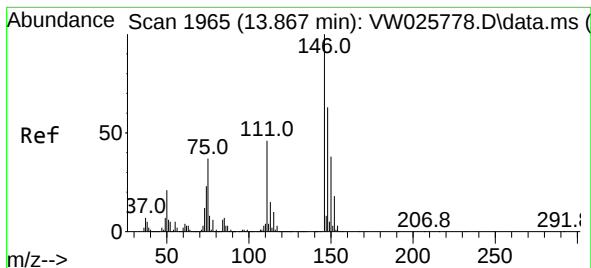
Ion Ratio Lower Upper

146 100

111 40.9 27.9 51.9

148 65.7 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 25.860 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025788.D

Acq: 02 May 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025590

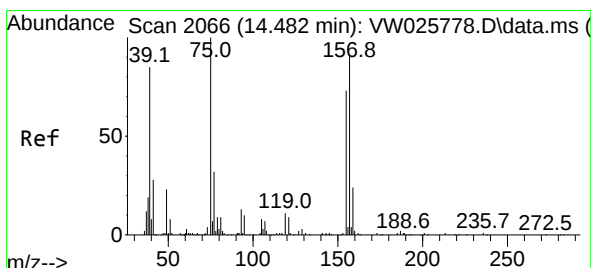
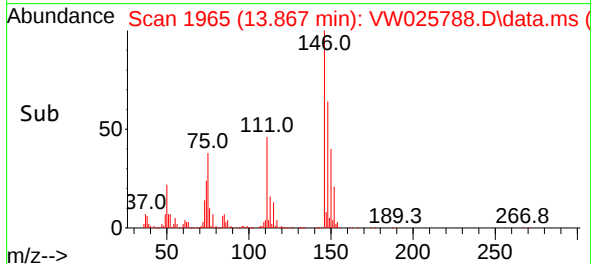
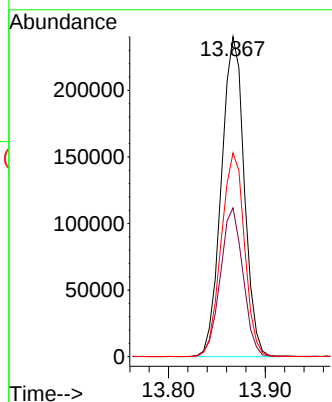
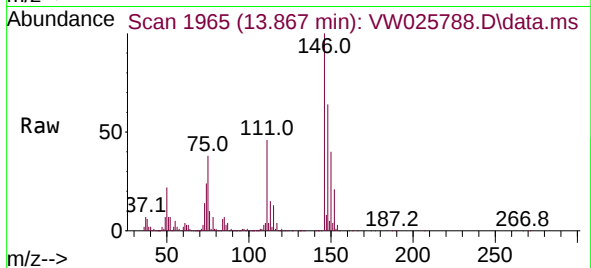
Tgt Ion:146 Resp: 394095

Ion Ratio Lower Upper

146 100

111 46.5 37.7 56.5

148 63.7 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.296 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW025788.D

Acq: 02 May 2023 08:52

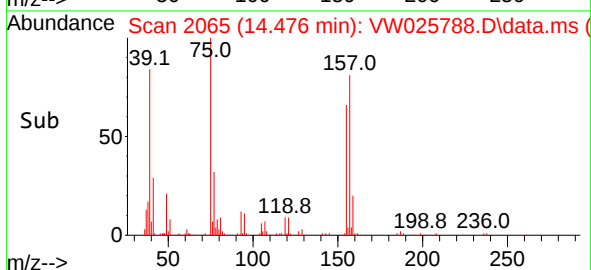
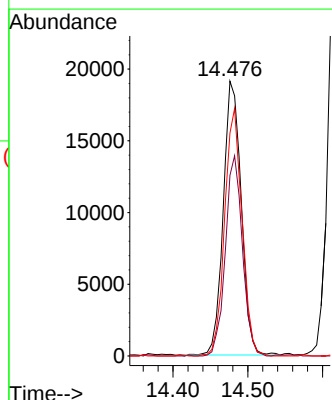
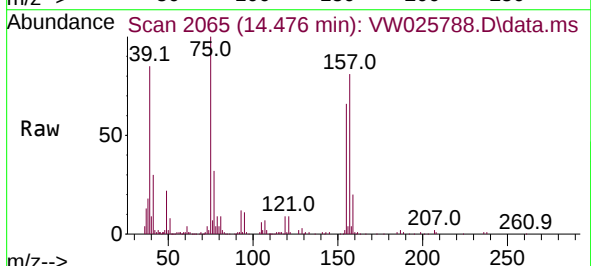
Tgt Ion: 75 Resp: 31909

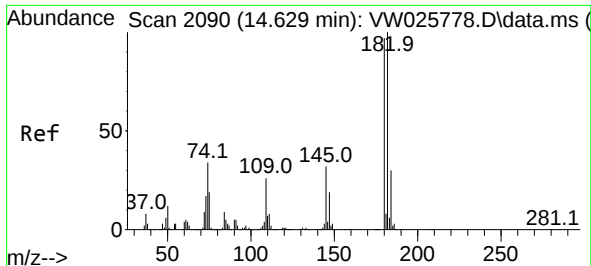
Ion Ratio Lower Upper

75 100

155 65.8 56.3 84.5

157 81.1 66.3 99.5

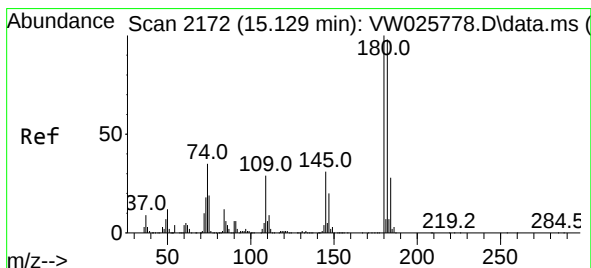
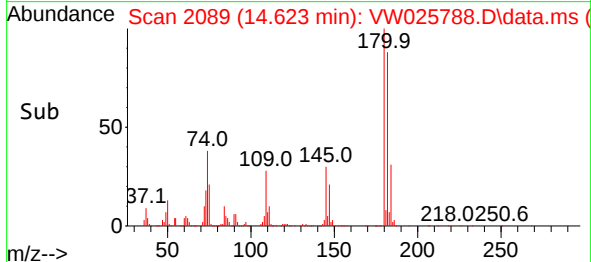
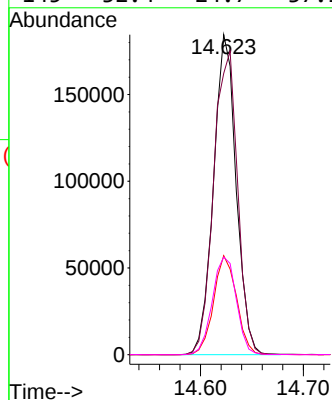
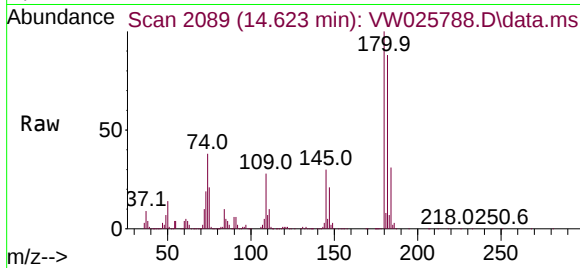




#69
 1,3,5-Trichlorobenzene
 Concen: 24.878 ug/L
 RT: 14.623 min Scan# 2090
 Delta R.T. -0.006 min
 Lab File: VW025788.D
 Acq: 02 May 2023 08:52

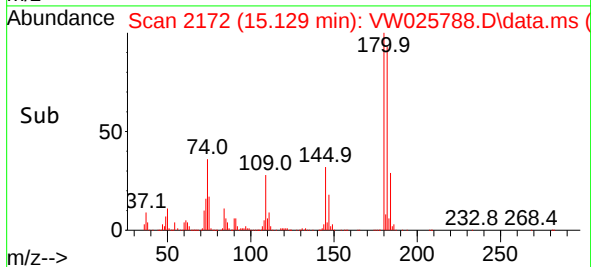
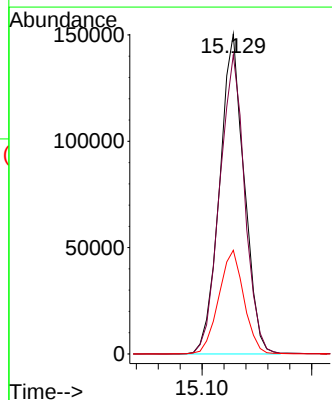
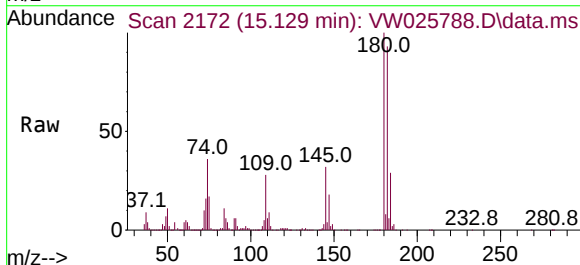
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025590

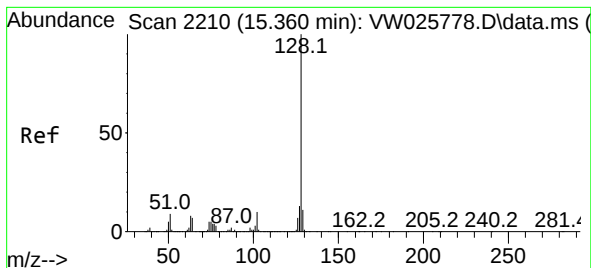
Tgt Ion:180	Resp:	282191
Ion Ratio	Lower	Upper
180	100	
182	100.3	77.4 116.0
184	31.4	24.7 37.1
145	32.4	24.7 37.1



#70
 1,2,4-trichlorobenzene
 Concen: 24.686 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: VW025788.D
 Acq: 02 May 2023 08:52

Tgt Ion:180	Resp:	234581
Ion Ratio	Lower	Upper
180	100	
182	95.2	74.3 111.5
145	33.1	25.4 38.0





#71

Naphthalene

Concen: 23.811 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025788.D

Acq: 02 May 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025590

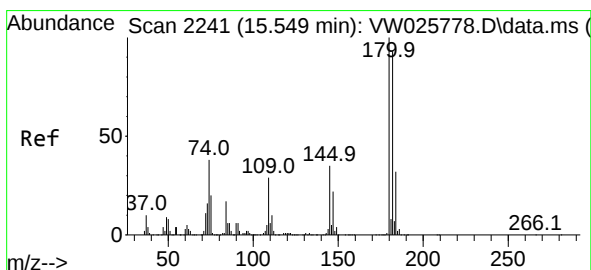
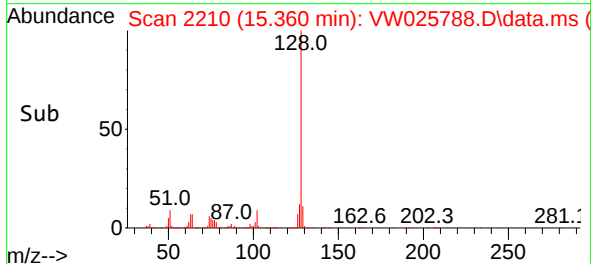
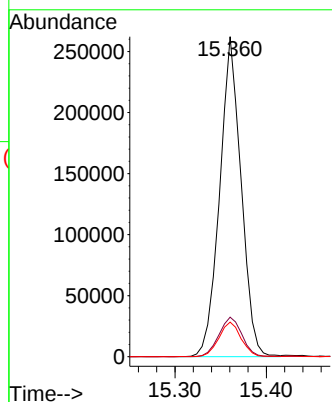
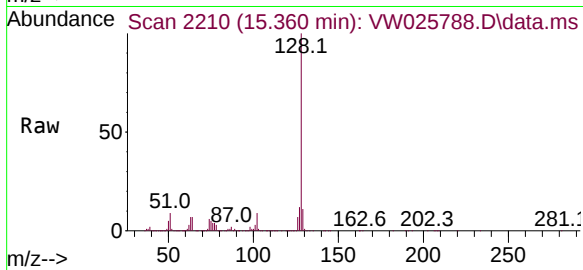
Tgt Ion:128 Resp: 427066

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.3 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 24.886 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW025788.D

Acq: 02 May 2023 08:52

Tgt Ion:180 Resp: 209828

Ion Ratio Lower Upper

180 100

182 96.5 76.1 114.1

145 35.7 28.0 42.0

