

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111022\
 Data File : VW025034.D
 Acq On : 10 Nov 2022 17:16
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025492

Quant Time: Nov 10 23:53:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 10 23:52:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	295264	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	277265	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	142651	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	58814	17.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.000%
7) Chloroethane-d5	2.891	69	43614	22.465	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.880%
11) 1,1-Dichloroethene-d2	4.025	63	183440	22.220	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.880%
21) 2-Butanone-d5	7.080	46	47524	42.488	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.980%
24) Chloroform-d	7.653	84	232346	25.929	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.720%
26) 1,2-Dichloroethane-d4	8.311	65	126181	25.156	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.640%
32) Benzene-d6	8.275	84	415898	23.402	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	9.274	67	119690	22.985	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.960%
41) Toluene-d8	10.323	98	395146	23.883	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.520%
43) trans-1,3-Dichloroprop...	10.579	79	52792	22.864	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.440%
47) 2-Hexanone-d5	10.920	63	38361	42.647	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.300%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	95154	22.886	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	134268	24.492	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	19519	19.820	ug/L	93
3) Chloromethane	2.221	50	51364	21.684	ug/L	99
5) Vinyl chloride	2.367	62	72320	22.097	ug/L	93
6) Bromomethane	2.788	94	36640	22.433	ug/L	84
8) Chloroethane	2.928	64	33559	24.581	ug/L	92
9) Trichlorofluoromethane	3.263	101	61627	22.446	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	96480	24.815	ug/L	99
12) 1,1-Dichloroethene	4.050	96	90981	24.840	ug/L	91
13) Acetone	4.123	43	30192	37.996	ug/L	97
14) Carbon disulfide	4.391	76	248277	23.205	ug/L	98
15) Methyl Acetate	4.672	43	33423	21.127	ug/L	96
16) Methylene chloride	4.921	84	101711	19.401	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	99461	25.360	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	168799	25.658	ug/L	98
19) 1,1-Dichloroethane	6.220	63	190557	26.244	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	114659	26.823	ug/L	96
22) 2-Butanone	7.171	43	45705	38.391	ug/L	96
23) Bromochloromethane	7.519	128	47935	25.867	ug/L	93
25) Chloroform	7.677	83	209836	27.382	ug/L	97

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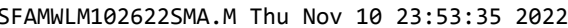
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025492

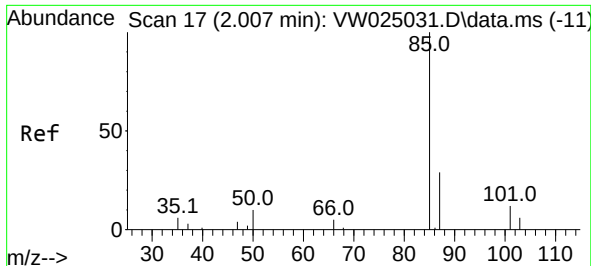
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 Quant Title : SFAM01.0
 QLast Update : Thu Nov 10 23:52:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	141462	27.215	ug/L	100
29) Cyclohexane	7.957	56	149866	22.891	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	185073	27.276	ug/L	98
31) Carbon tetrachloride	8.073	117	166333	27.434	ug/L	98
33) Benzene	8.323	78	427614	25.611	ug/L	100
34) Trichloroethene	9.091	95	114302	25.860	ug/L	96
35) Methylcyclohexane	9.335	83	179009	23.835	ug/L	98
37) 1,2-Dichloropropane	9.366	63	101036	24.932	ug/L	98
38) Bromodichloromethane	9.646	83	155015	27.408	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	168066	26.234	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	105608	44.409	ug/L	99
42) Toluene	10.390	91	464764	26.219	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	147669	25.927	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	77548	25.344	ug/L	99
46) Tetrachloroethene	10.866	164	83574	26.439	ug/L	86
48) 2-Hexanone	10.969	43	71889	43.711	ug/L	99
49) Dibromochloromethane	11.128	129	102864	27.579	ug/L	98
50) 1,2-Dibromoethane	11.231	107	71334	24.651	ug/L	99
51) Chlorobenzene	11.658	112	302094	26.292	ug/L	98
52) Ethylbenzene	11.731	91	543016	26.539	ug/L	97
53) m,p-Xylene	11.841	106	208657	26.344	ug/L	96
54) o-Xylene	12.164	106	201142	26.919	ug/L	93
55) Styrene	12.176	104	352313	27.147	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	87248	23.769	ug/L	100
59) Bromoform	12.347	173	52606	26.073	ug/L #	96
60) Isopropylbenzene	12.463	105	555383	25.896	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	65361	22.806	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	504508	27.099	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	488116	26.737	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	238040	26.612	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	236395	26.486	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	212048	26.365	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.481	75	16275	24.574	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	161810	27.312	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	128776	27.965	ug/L	99
71) Naphthalene	15.359	128	249645	25.699	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	108970	27.159	ug/L	99

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

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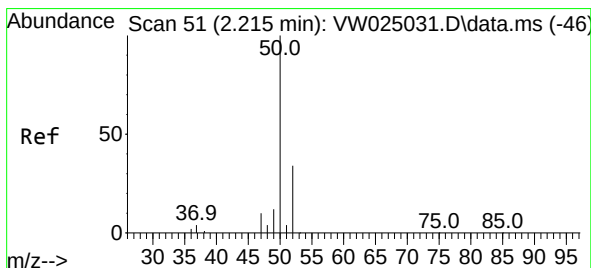
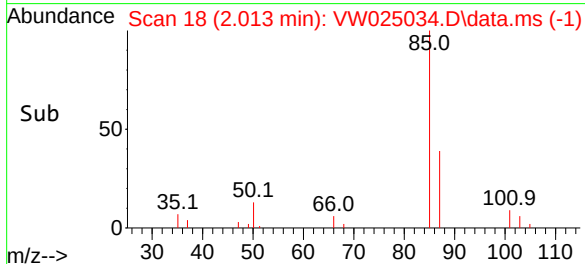
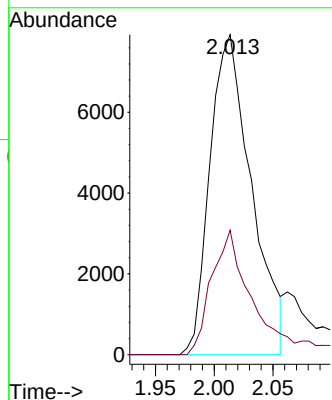
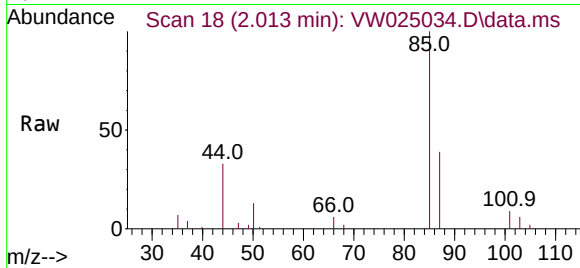




#2
 Dichlorodifluoromethane
 Concen: 19.820 ug/L
 RT: 2.013 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW025034.D
 Acq: 10 Nov 2022 17:16

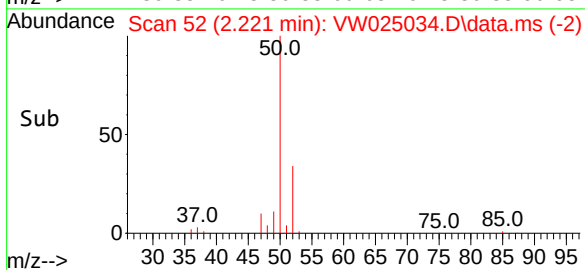
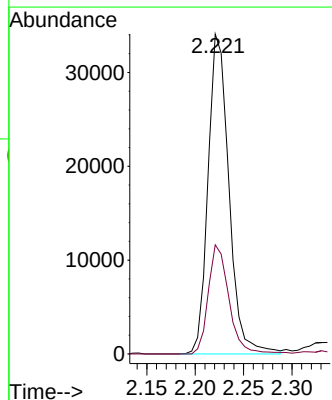
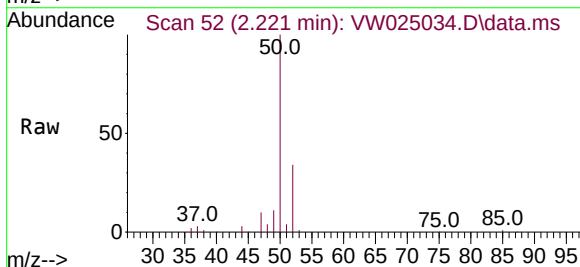
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 MSVOA_W
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 VSTD025492

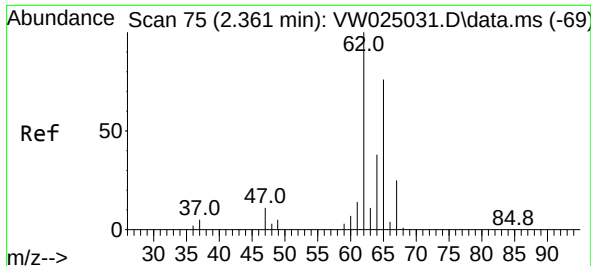
Tgt Ion: 85 Resp: 19519
 Ion Ratio Lower Upper
 85 100
 87 36.4 25.9 38.9



#3
 Chloromethane
 Concen: 21.684 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW025034.D
 Acq: 10 Nov 2022 17:16

Tgt Ion: 50 Resp: 51364
 Ion Ratio Lower Upper
 50 100
 52 34.1 24.1 44.8

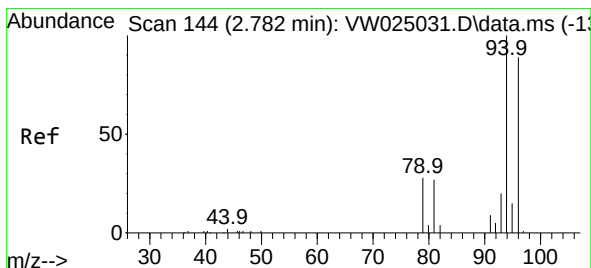
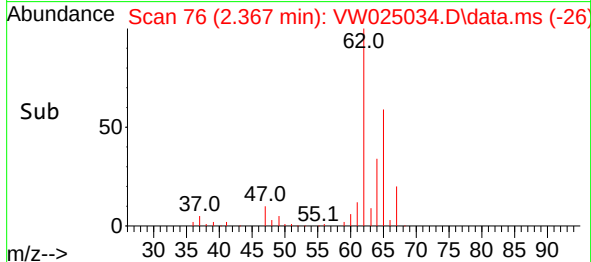
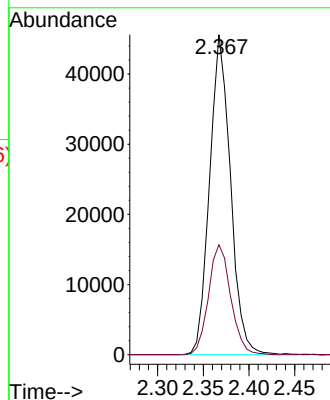
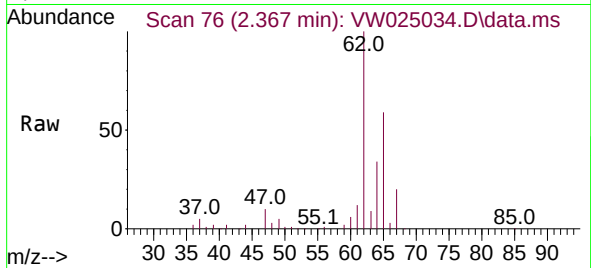




#5
 Vinyl chloride
 Concen: 22.097 ug/L
 RT: 2.367 min Scan# 70
 Delta R.T. 0.006 min
 Lab File: VW025034.D
 Acq: 10 Nov 2022 17:16

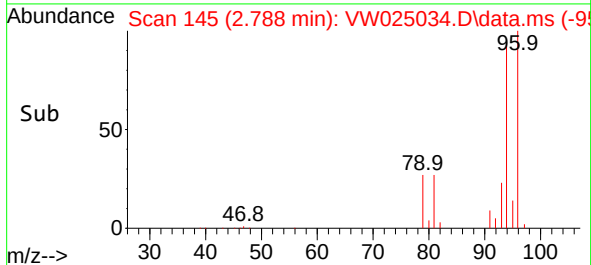
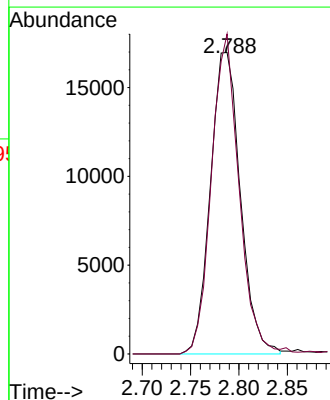
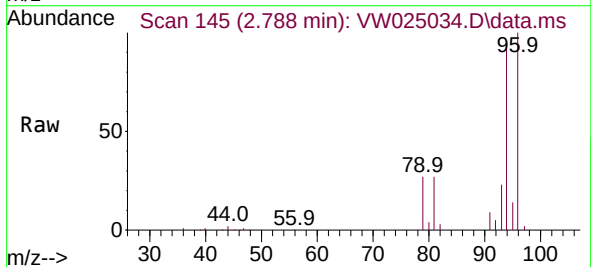
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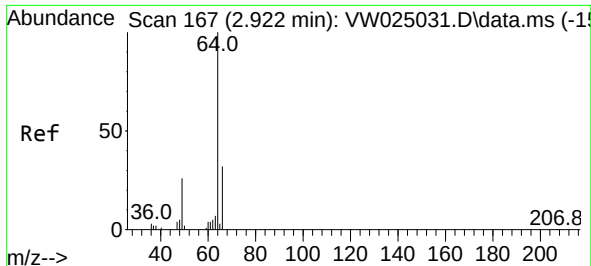
Tgt Ion: 62 Resp: 72320
 Ion Ratio Lower Upper
 62 100
 64 34.4 27.2 50.6



#6
 Bromomethane
 Concen: 22.433 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW025034.D
 Acq: 10 Nov 2022 17:16

Tgt Ion: 94 Resp: 36640
 Ion Ratio Lower Upper
 94 100
 96 106.2 63.8 118.6

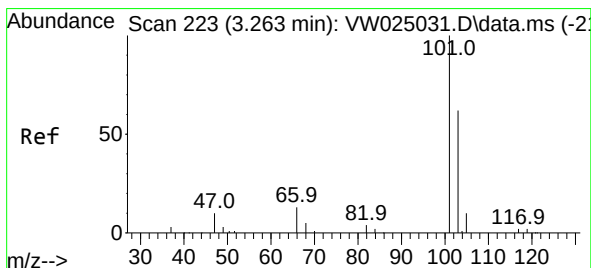
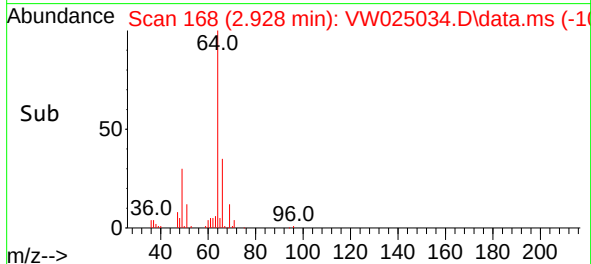
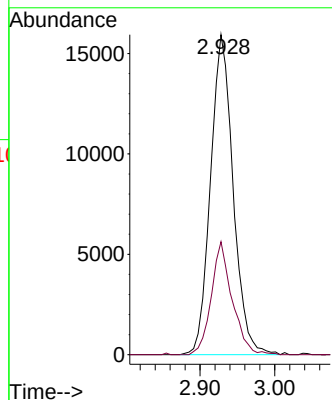
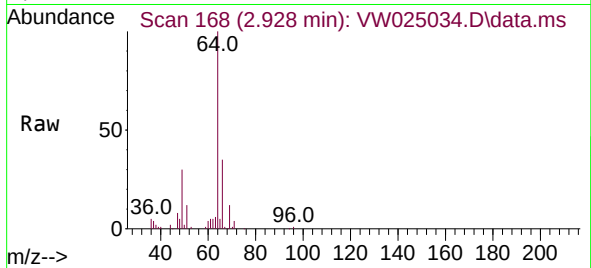




#8
Chloroethane
Concen: 24.581 ug/L
RT: 2.928 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

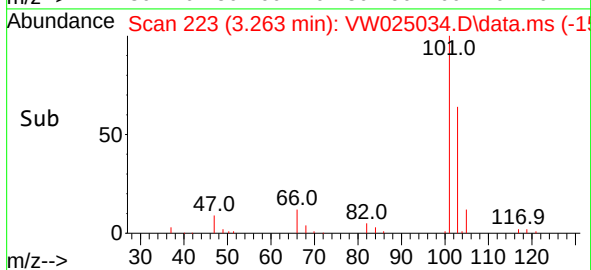
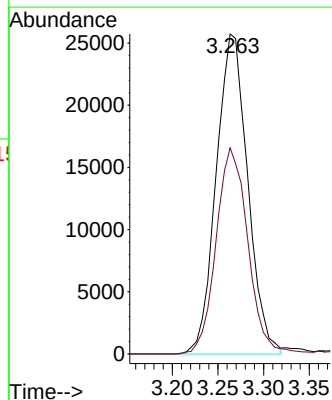
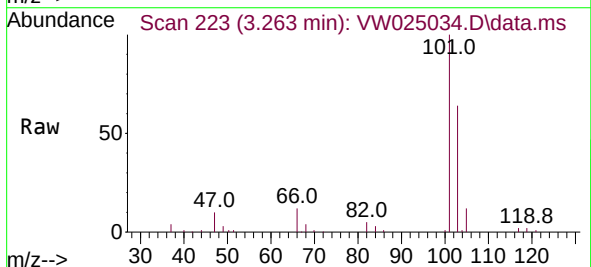
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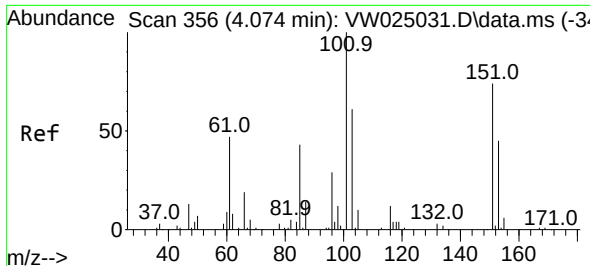
Tgt Ion: 64 Resp: 33559
Ion Ratio Lower Upper
64 100
66 35.3 21.6 40.2



#9
Trichlorofluoromethane
Concen: 22.446 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

Tgt Ion: 101 Resp: 61627
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0

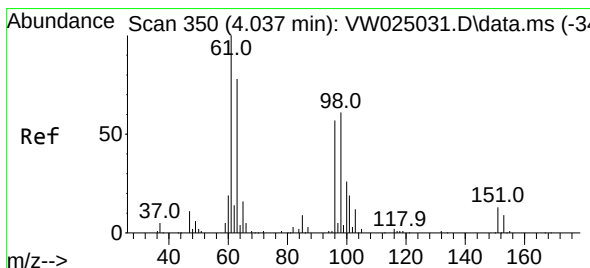
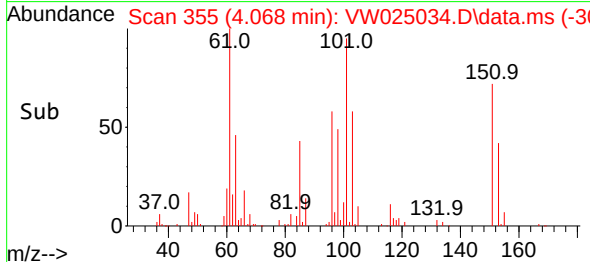
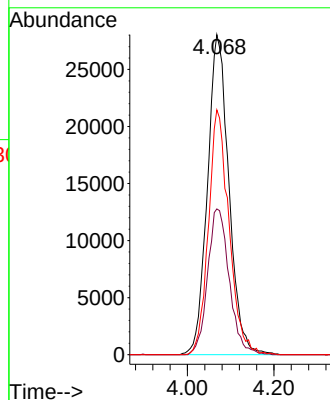
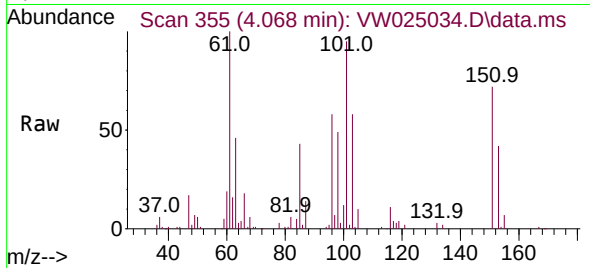




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.815 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW025034.D
 Acq: 10 Nov 2022 17:16

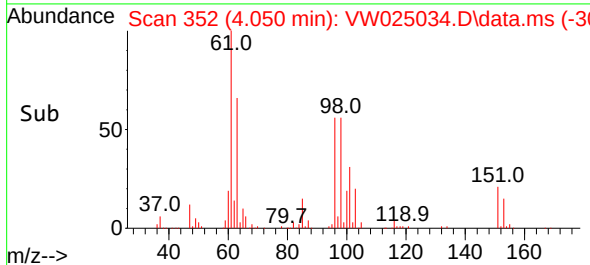
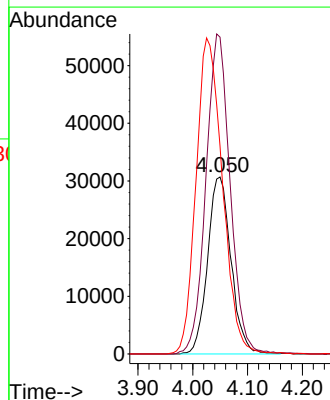
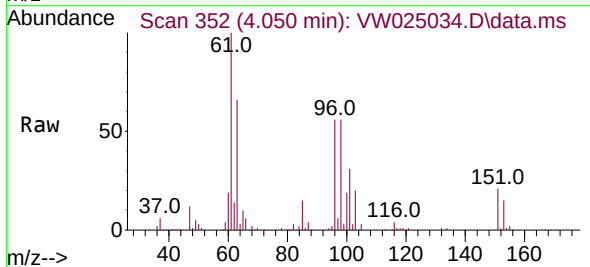
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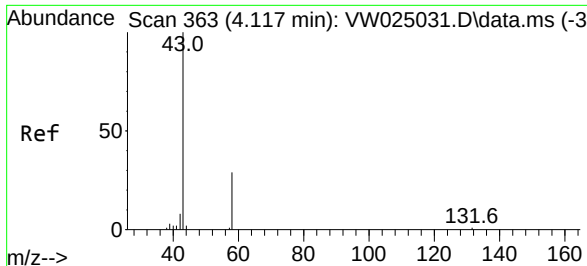
Tgt Ion:101 Resp: 96480
 Ion Ratio Lower Upper
 101 100
 85 45.8 36.5 54.7
 151 72.9 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 24.840 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.012 min
 Lab File: VW025034.D
 Acq: 10 Nov 2022 17:16

Tgt Ion: 96 Resp: 90981
 Ion Ratio Lower Upper
 96 100
 61 179.0 126.2 234.4
 63 117.3 98.3 182.7

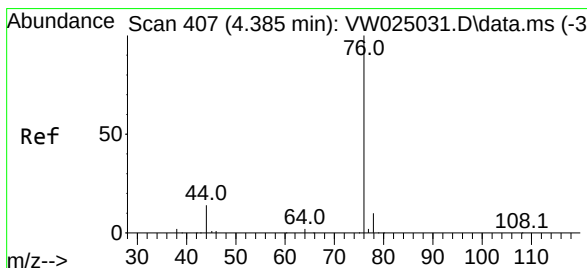
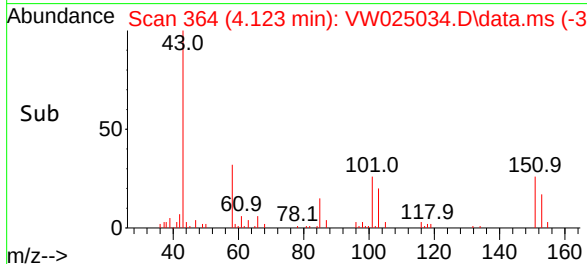
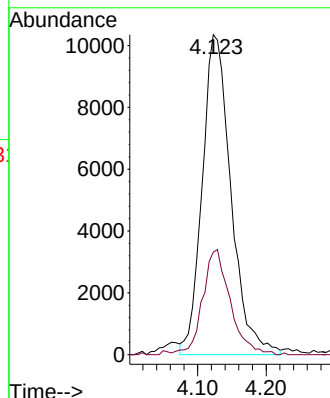
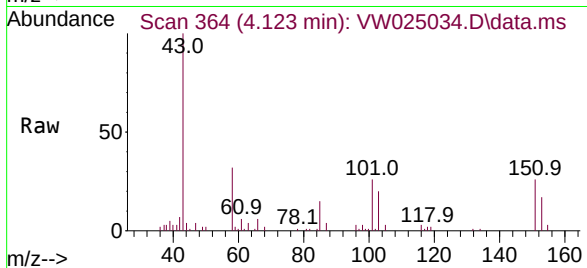




#13
Acetone
Concen: 37.996 ug/L
RT: 4.123 min Scan# 301
Delta R.T. 0.006 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

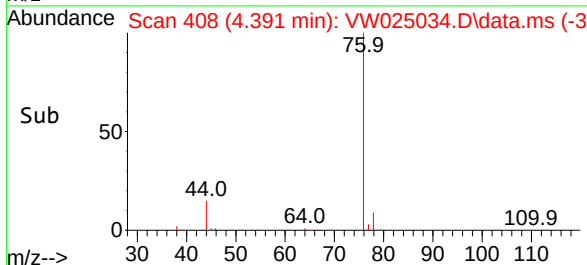
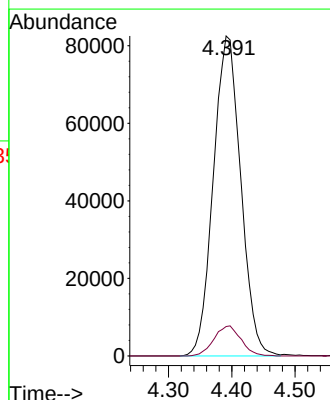
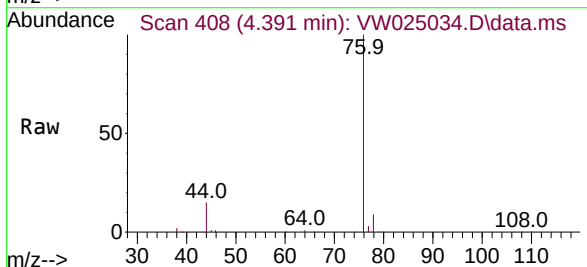
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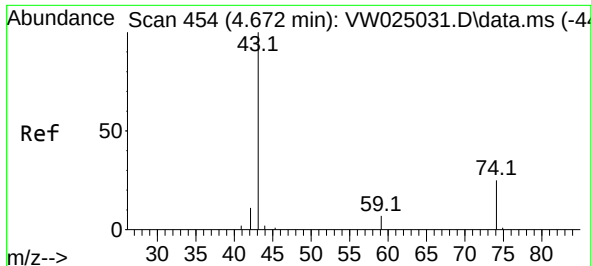
Tgt Ion: 43 Resp: 30192
Ion Ratio Lower Upper
43 100
58 31.2 0.0 65.4



#14
Carbon disulfide
Concen: 23.205 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

Tgt Ion: 76 Resp: 248277
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

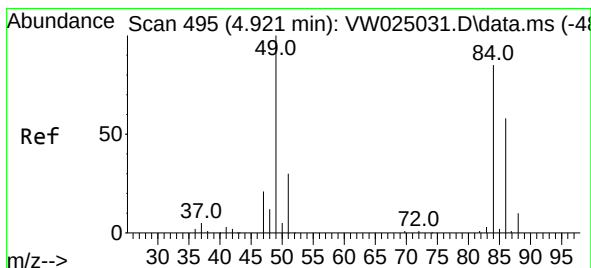
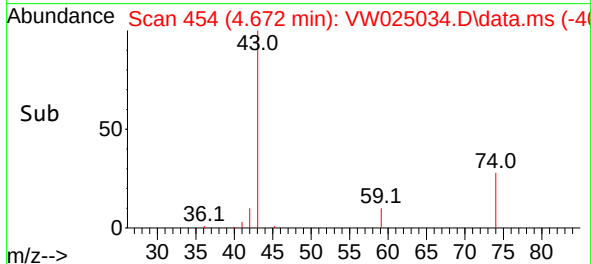
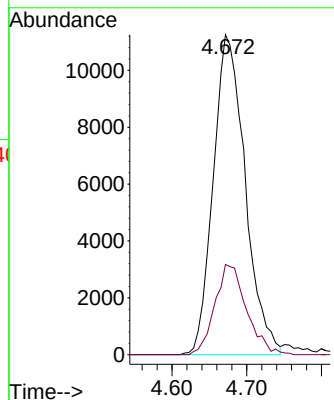
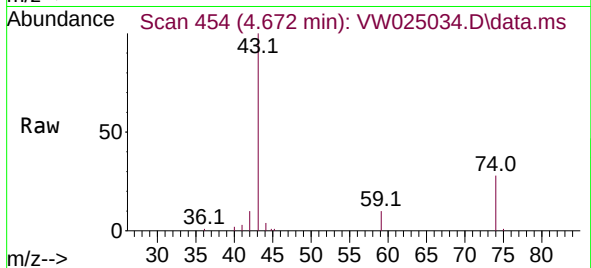




#15
Methyl Acetate
Concen: 21.127 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

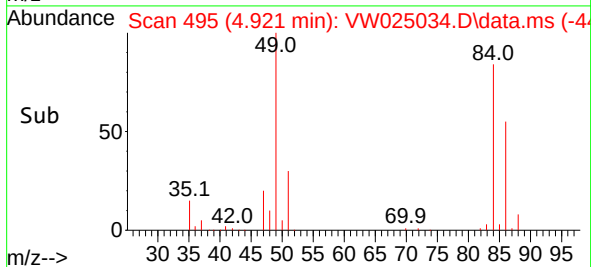
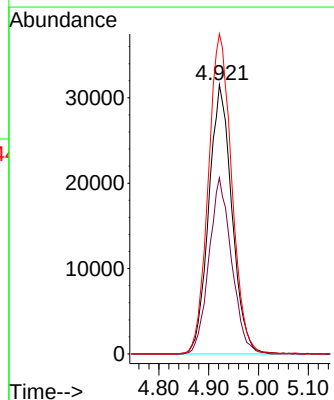
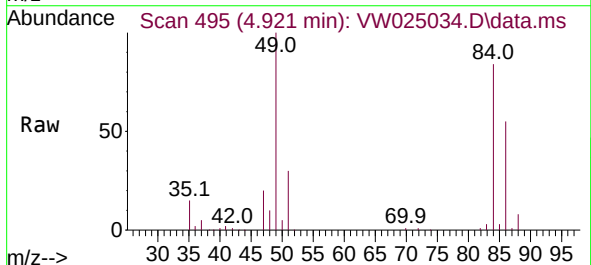
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

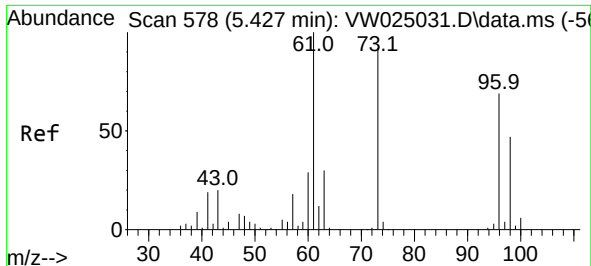
Tgt Ion: 43 Resp: 33423
Ion Ratio Lower Upper
43 100
74 27.5 20.6 30.8



#16
Methylene chloride
Concen: 19.401 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

Tgt Ion: 84 Resp: 101711
Ion Ratio Lower Upper
84 100
86 65.4 42.6 79.0
49 118.8 81.9 152.1





#17

trans-1,2-Dichloroethene

Concen: 25.360 ug/L

RT: 5.427 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW025034.D

Acq: 10 Nov 2022 17:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

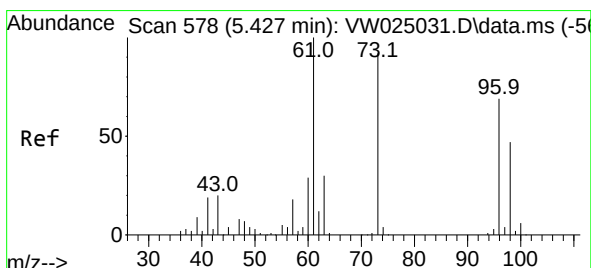
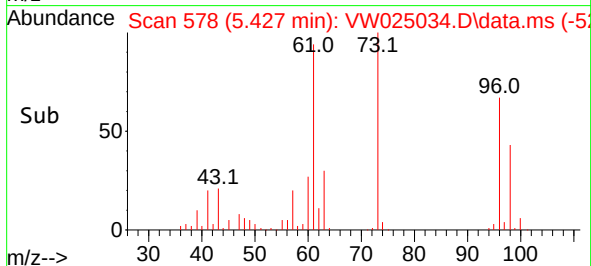
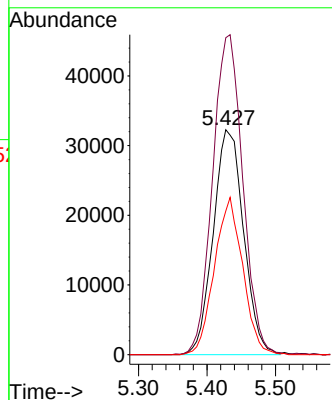
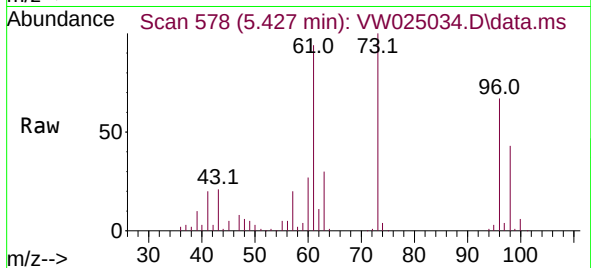
Tgt Ion: 96 Resp: 99461

Ion Ratio Lower Upper

96 100

61 140.9 97.6 181.2

98 63.8 46.8 86.8



#18

Methyl tert-butyl Ether

Concen: 25.658 ug/L

RT: 5.427 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW025034.D

Acq: 10 Nov 2022 17:16

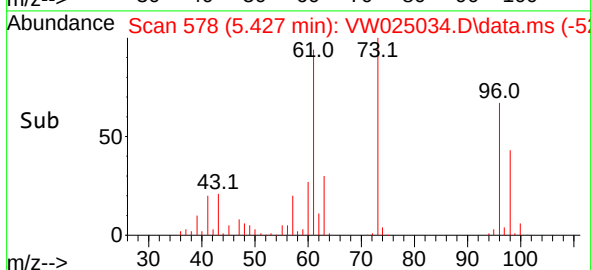
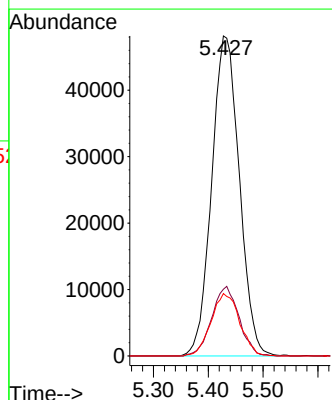
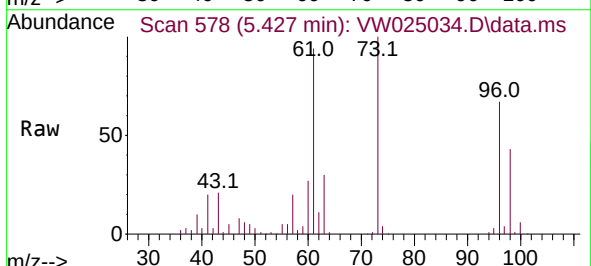
Tgt Ion: 73 Resp: 168799

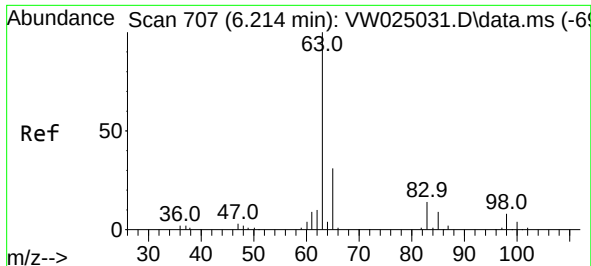
Ion Ratio Lower Upper

73 100

43 21.4 16.6 24.8

57 20.2 17.1 25.7





#19

1,1-Dichloroethane

Concen: 26.244 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW025034.D

Acq: 10 Nov 2022 17:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

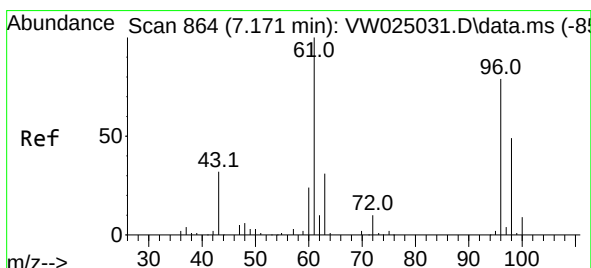
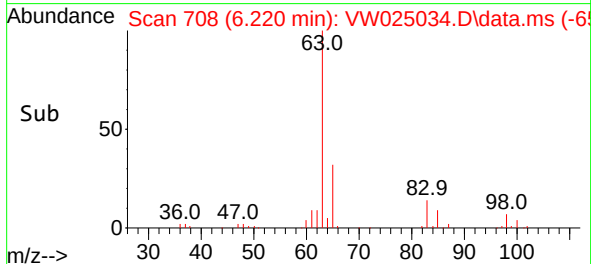
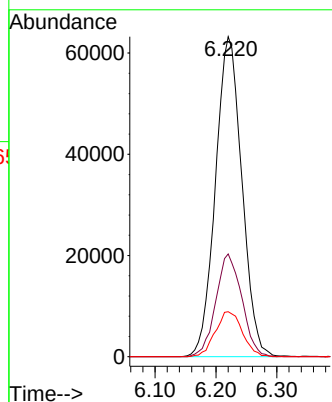
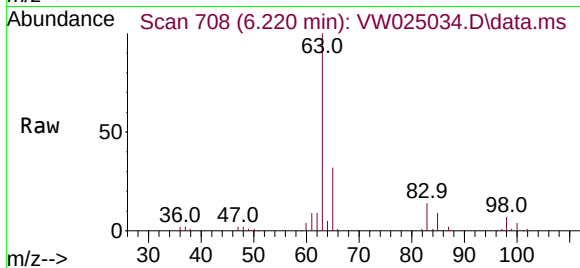
Tgt Ion: 63 Resp: 190557

Ion Ratio Lower Upper

63 100

65 32.1 22.2 41.2

83 14.1 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 26.823 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW025034.D

Acq: 10 Nov 2022 17:16

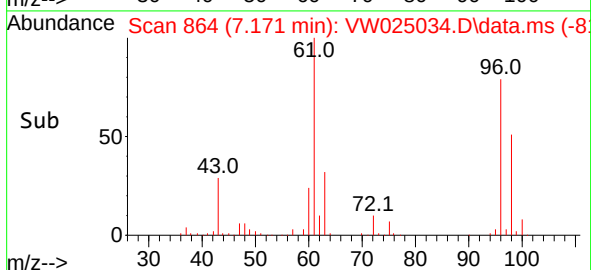
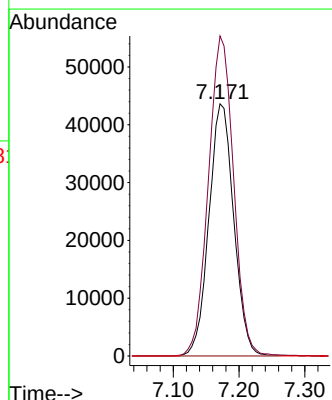
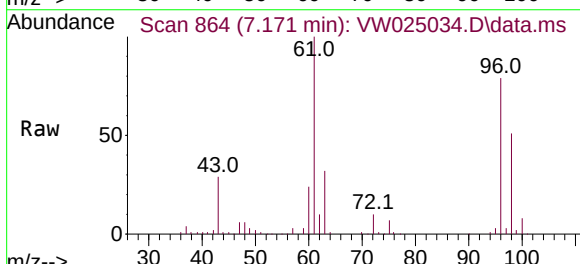
Tgt Ion: 96 Resp: 114659

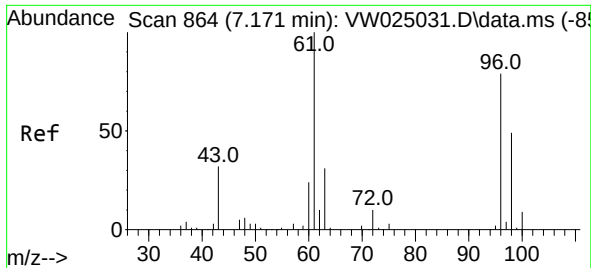
Ion Ratio Lower Upper

96 100

61 126.9 91.8 170.6

68 0.0 0.0 0.0

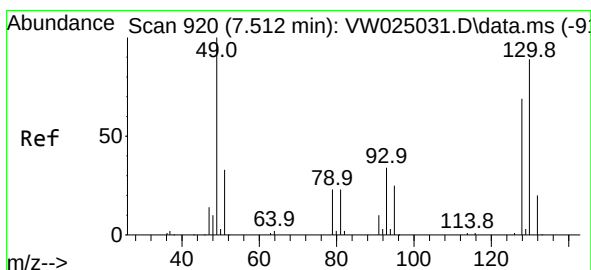
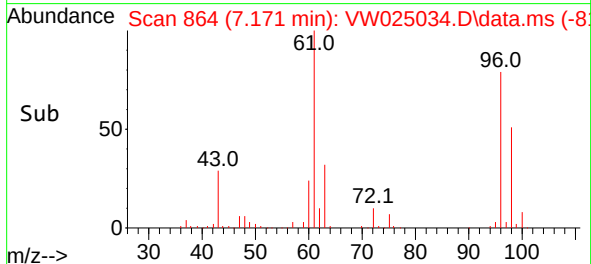
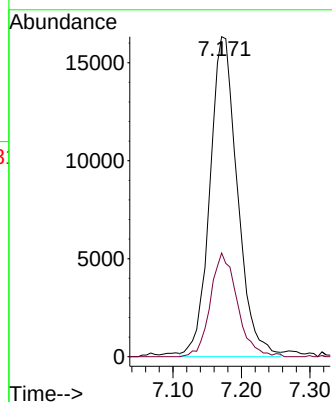
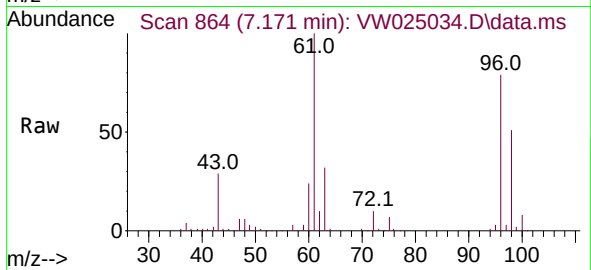




#22
2-Butanone
Concen: 38.391 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

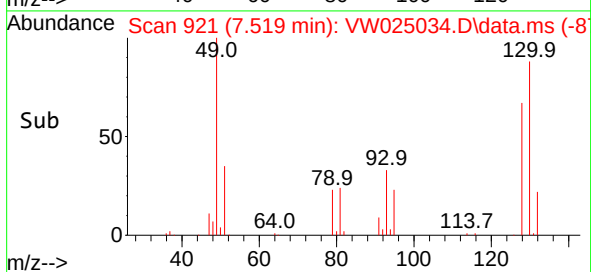
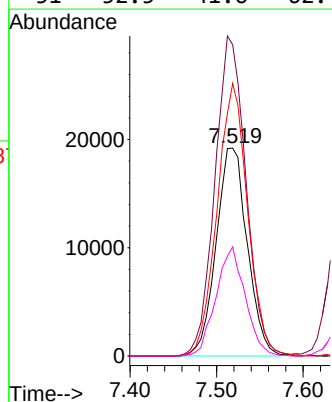
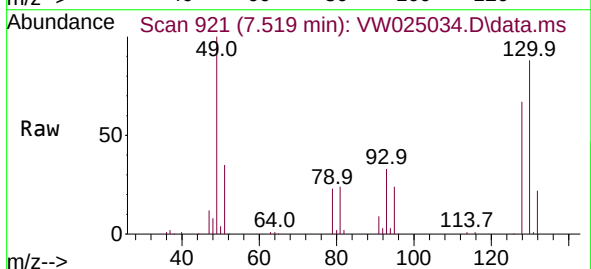
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

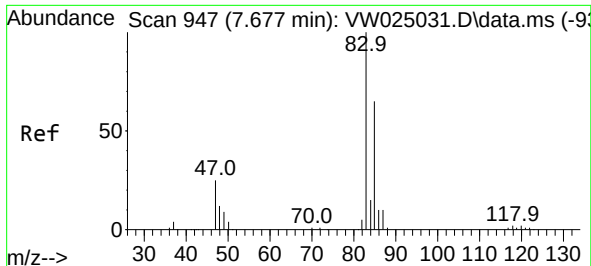
Tgt Ion: 43 Resp: 45705
Ion Ratio Lower Upper
43 100
72 31.3 14.6 44.0



#23
Bromochloromethane
Concen: 25.867 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

Tgt Ion: 128 Resp: 47935
Ion Ratio Lower Upper
128 100
49 149.7 112.8 209.4
130 131.1 86.2 160.2
51 52.5 41.6 62.4

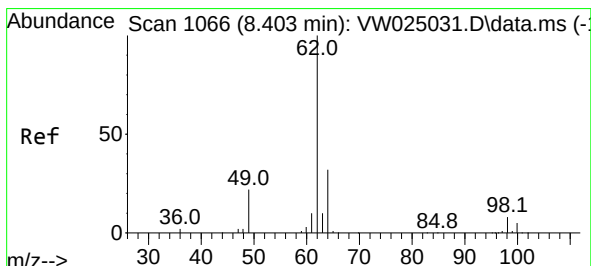
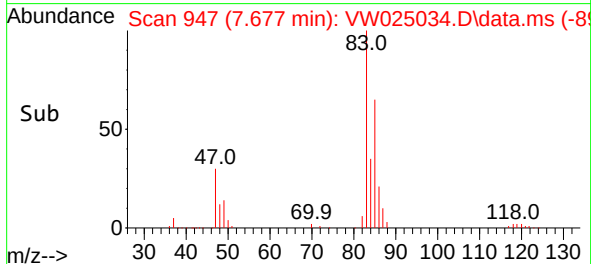
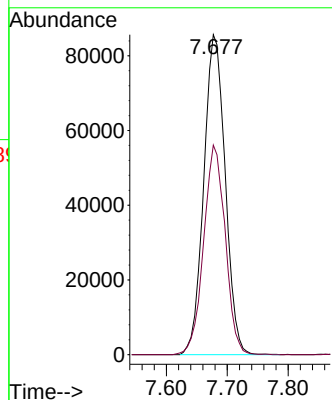
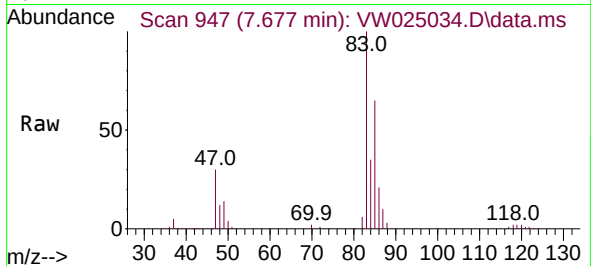




#25
Chloroform
Concen: 27.382 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

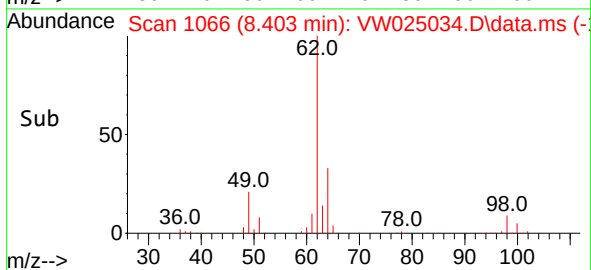
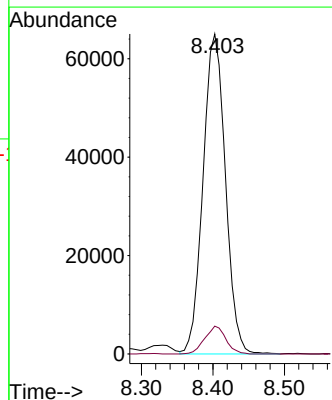
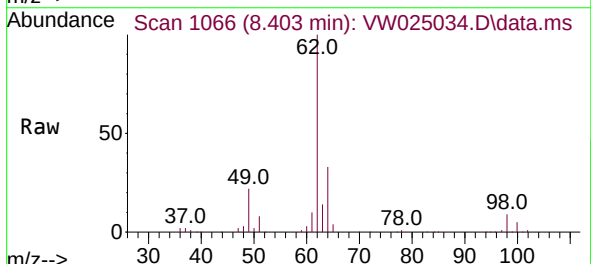
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

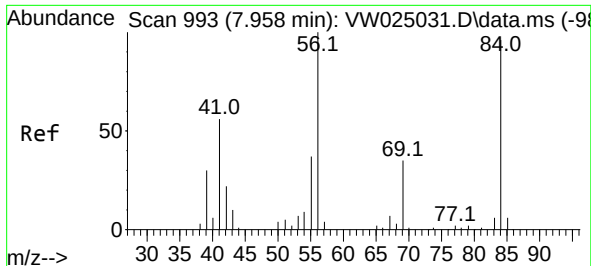
Tgt Ion: 83 Resp: 209836
Ion Ratio Lower Upper
83 100
85 65.5 47.5 88.3



#27
1,2-Dichloroethane
Concen: 27.215 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

Tgt Ion: 62 Resp: 141462
Ion Ratio Lower Upper
62 100
98 8.7 7.0 10.4





#29

Cyclohexane

Concen: 22.891 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW025034.D

Acq: 10 Nov 2022 17:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

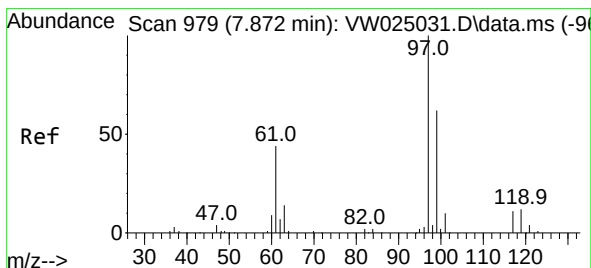
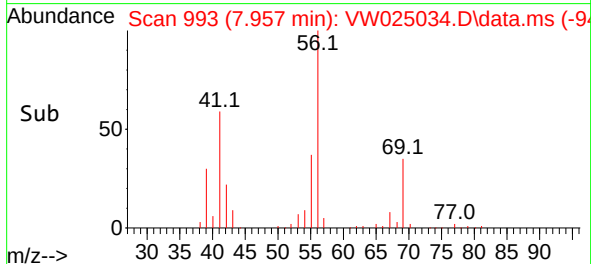
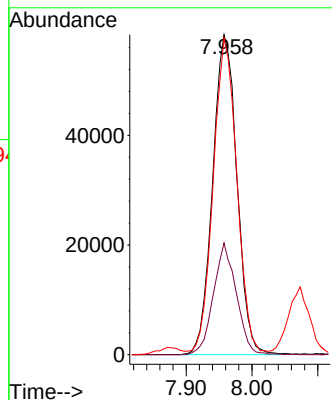
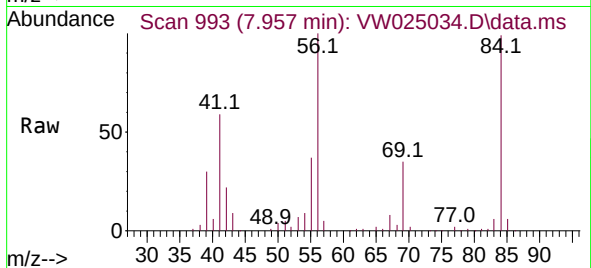
Tgt Ion: 56 Resp: 149866

Ion Ratio Lower Upper

56 100

69 32.7 25.0 37.4

84 96.7 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 27.276 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW025034.D

Acq: 10 Nov 2022 17:16

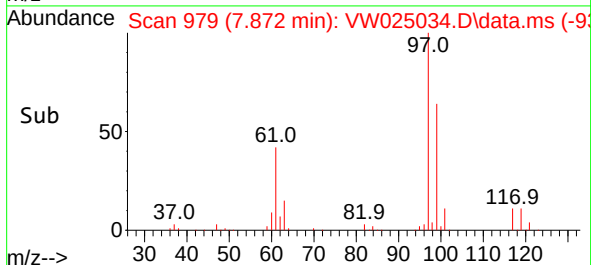
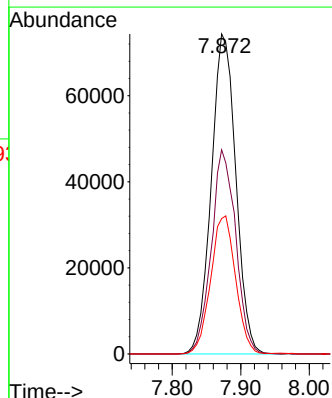
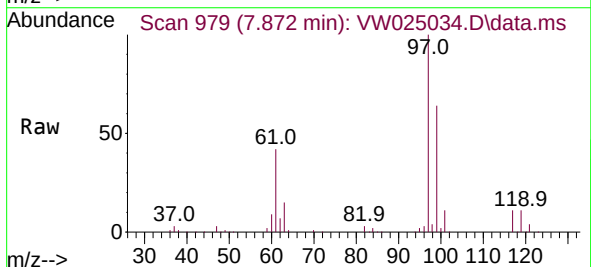
Tgt Ion: 97 Resp: 185073

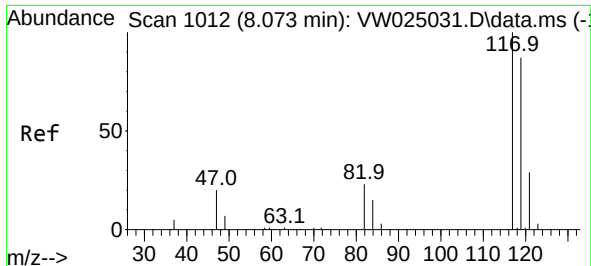
Ion Ratio Lower Upper

97 100

99 63.3 51.8 77.8

61 43.8 36.6 54.8

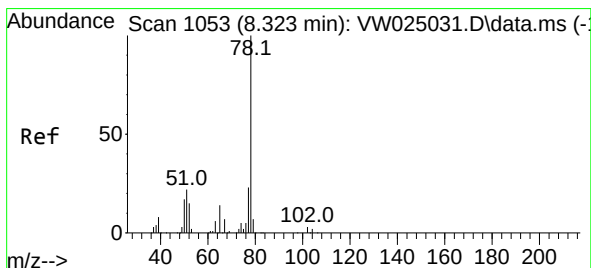
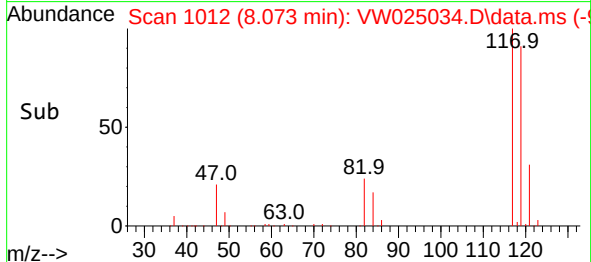
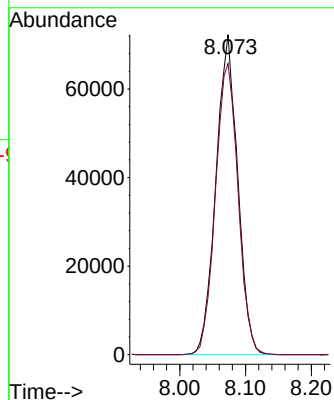
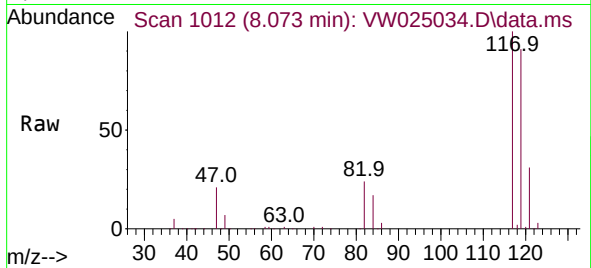




#31
Carbon tetrachloride
Concen: 27.434 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

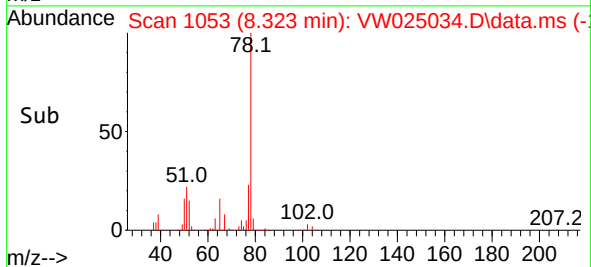
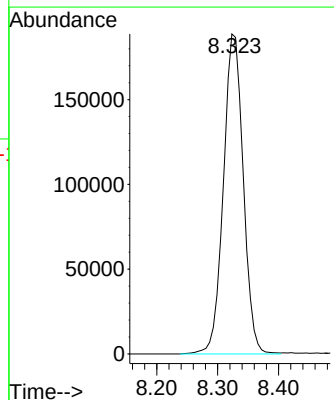
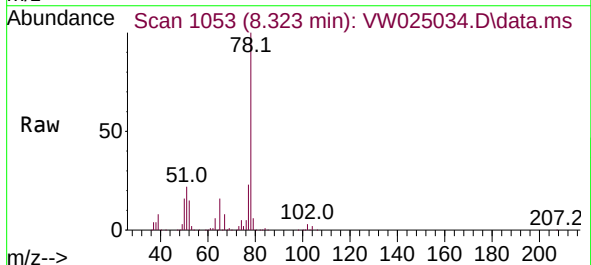
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

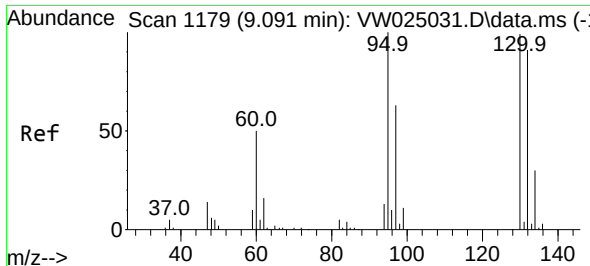
Tgt Ion:117 Resp: 166333
Ion Ratio Lower Upper
117 100
119 94.8 77.7 116.5



#33
Benzene
Concen: 25.611 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

Tgt Ion: 78 Resp: 427614

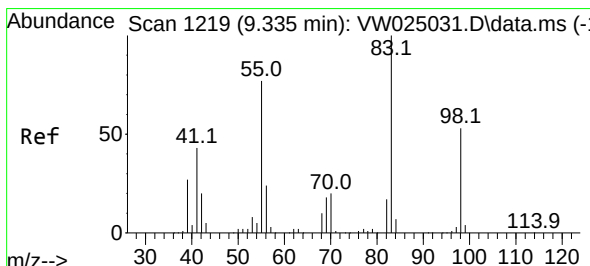
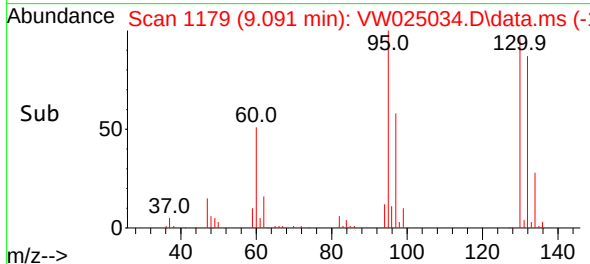
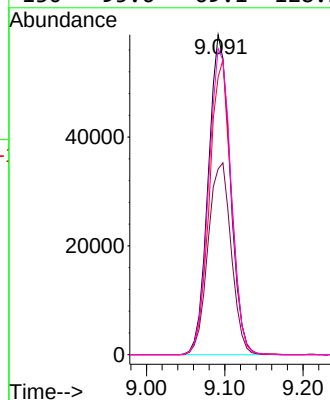
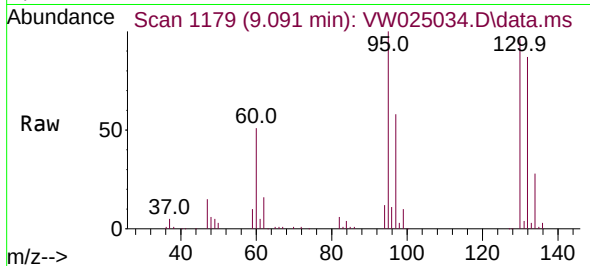




#34
Trichloroethene
Concen: 25.860 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

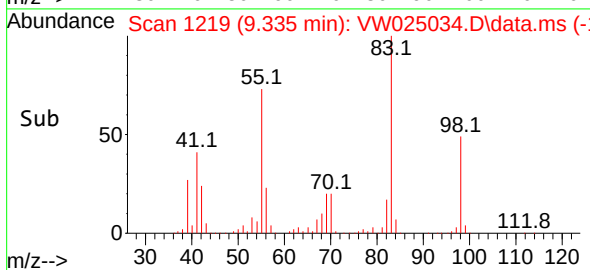
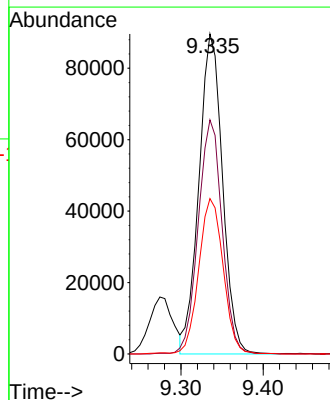
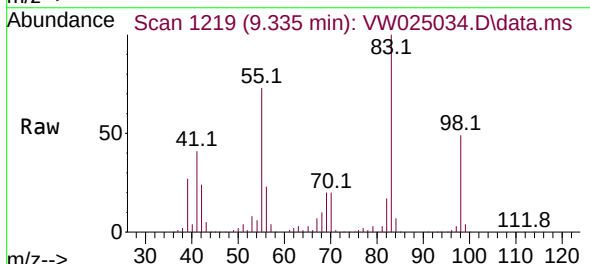
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

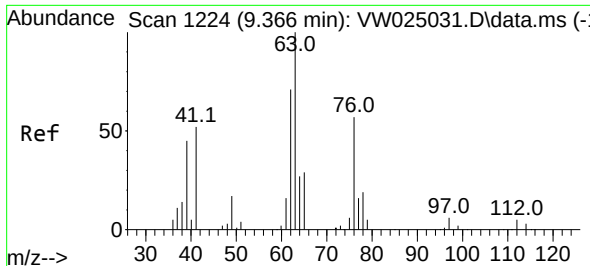
Tgt Ion: 95 Resp: 114302
Ion Ratio Lower Upper
95 100
97 58.1 44.7 83.1
132 86.7 62.6 116.2
130 95.6 69.1 128.3



#35
Methylcyclohexane
Concen: 23.835 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

Tgt Ion: 83 Resp: 179009
Ion Ratio Lower Upper
83 100
55 73.5 60.4 90.6
98 49.8 39.5 59.3





#37

1,2-Dichloropropane

Concen: 24.932 ug/L

RT: 9.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025034.D

Acq: 10 Nov 2022 17:16

Instrument :

MSVOA_W

ClientSampleId :

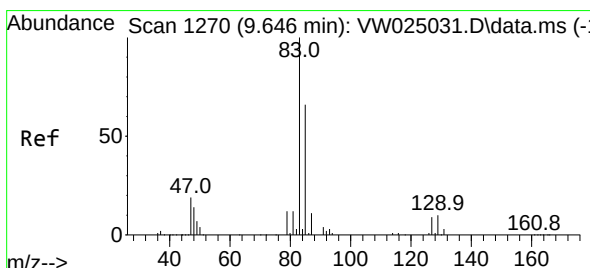
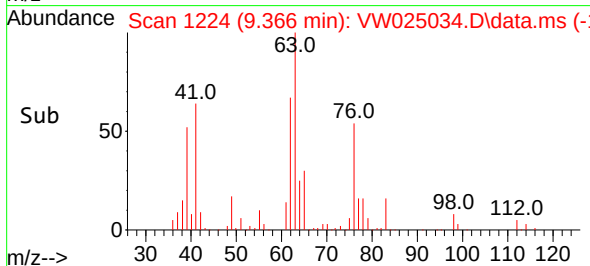
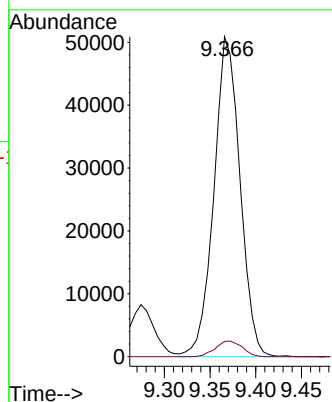
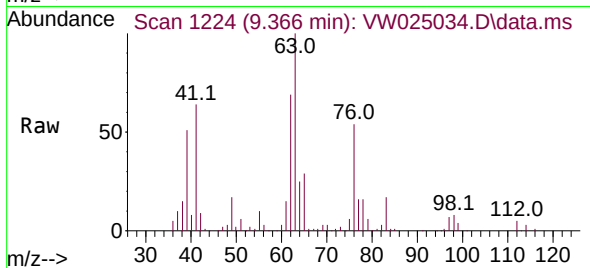
VSTD025492

Tgt Ion: 63 Resp: 101036

Ion Ratio Lower Upper

63 100

112 5.0 3.6 5.4



#38

Bromodichloromethane

Concen: 27.408 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW025034.D

Acq: 10 Nov 2022 17:16

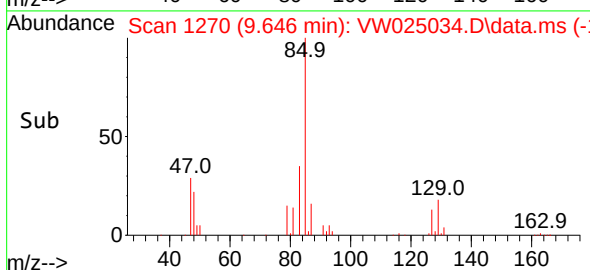
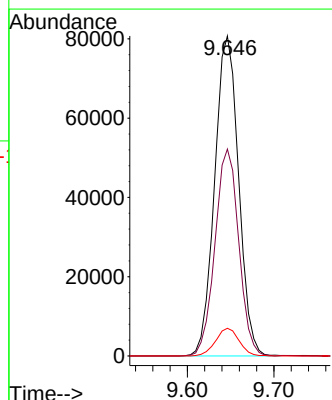
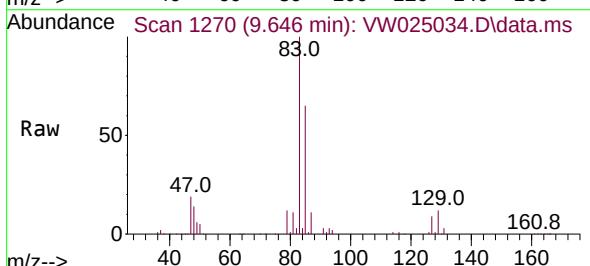
Tgt Ion: 83 Resp: 155015

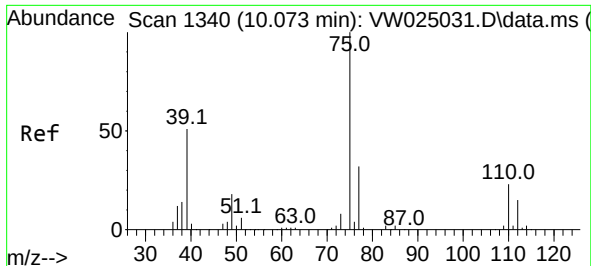
Ion Ratio Lower Upper

83 100

85 64.6 45.8 85.0

127 8.7 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 26.234 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW025034.D

Acq: 10 Nov 2022 17:16

Instrument :

MSVOA_W

ClientSampleId :

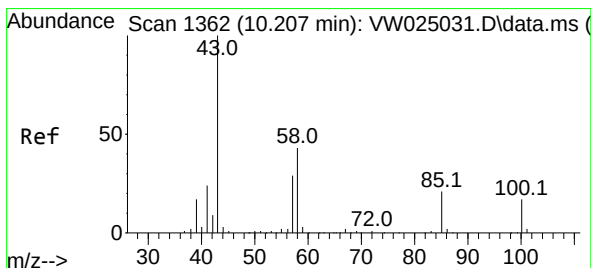
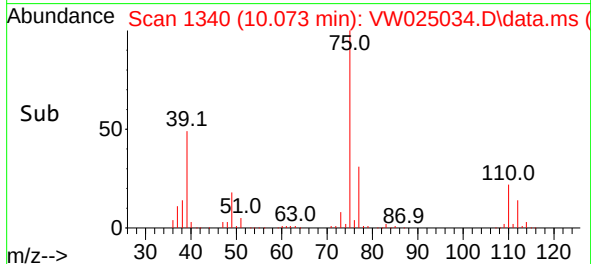
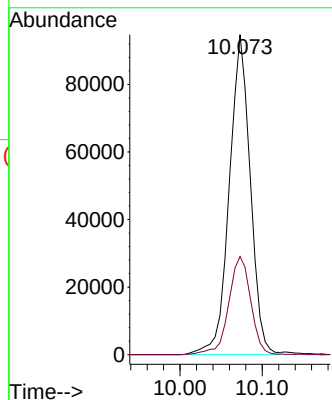
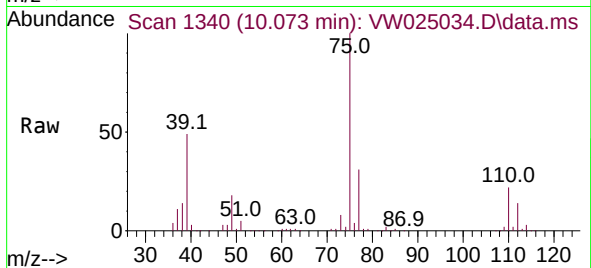
VSTD025492

Tgt Ion: 75 Resp: 168066

Ion Ratio Lower Upper

75 100

77 30.7 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 44.409 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025034.D

Acq: 10 Nov 2022 17:16

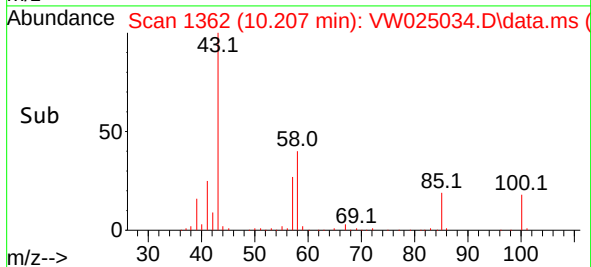
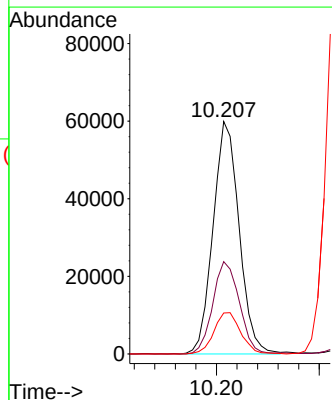
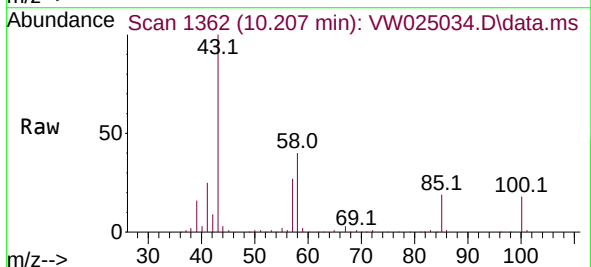
Tgt Ion: 43 Resp: 105608

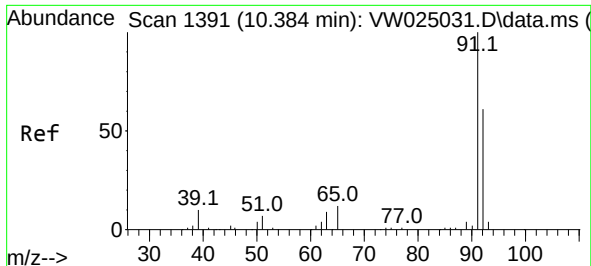
Ion Ratio Lower Upper

43 100

58 40.3 32.6 48.8

100 18.3 14.0 21.0





#42

Toluene

Concen: 26.219 ug/L

RT: 10.390 min Scan# 1391

Delta R.T. 0.006 min

Lab File: VW025034.D

Acq: 10 Nov 2022 17:16

Instrument :

MSVOA_W

ClientSampleId :

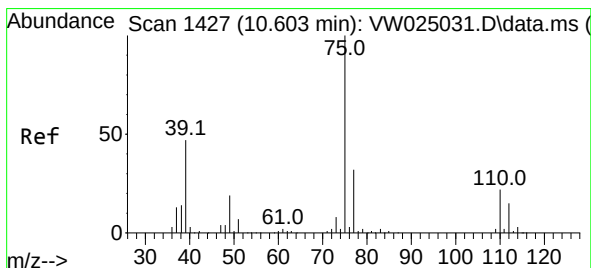
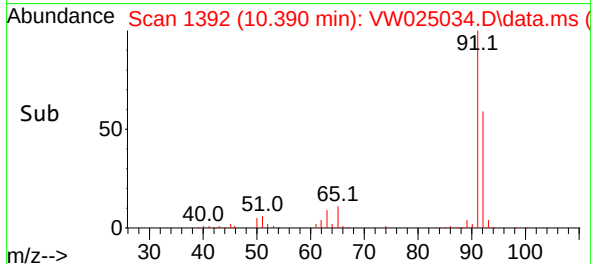
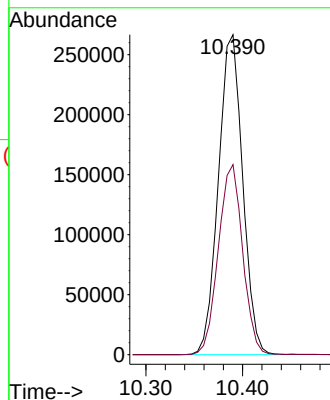
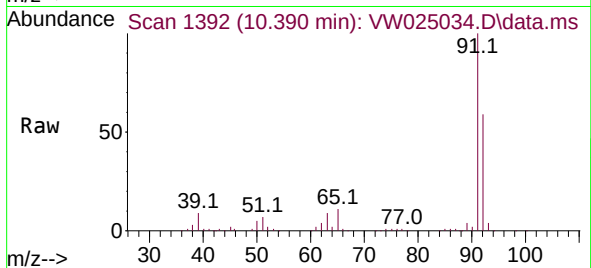
VSTD025492

Tgt Ion: 91 Resp: 464764

Ion Ratio Lower Upper

91 100

92 59.4 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 25.927 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW025034.D

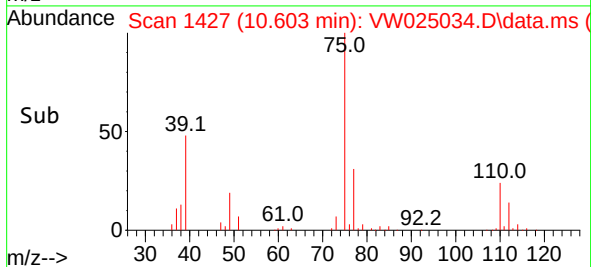
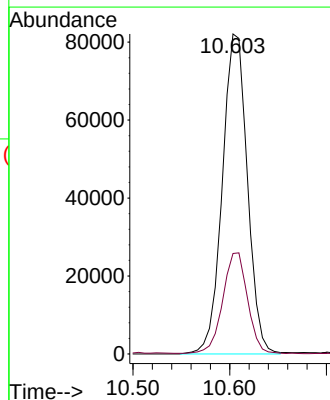
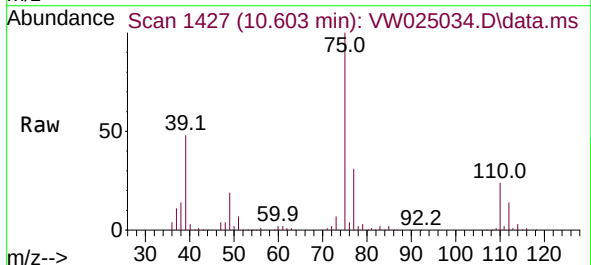
Acq: 10 Nov 2022 17:16

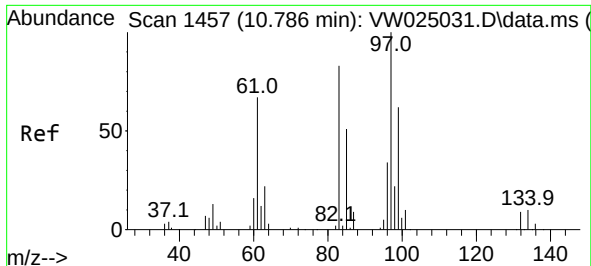
Tgt Ion: 75 Resp: 147669

Ion Ratio Lower Upper

75 100

77 31.4 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 25.344 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW025034.D

Acq: 10 Nov 2022 17:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

Tgt Ion: 97 Resp: 77548

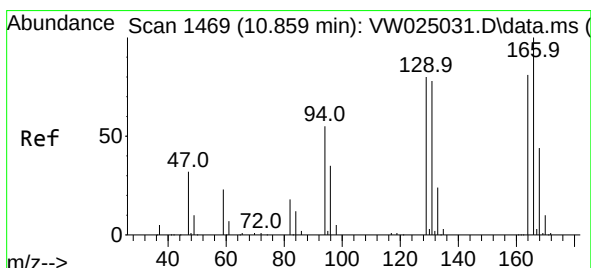
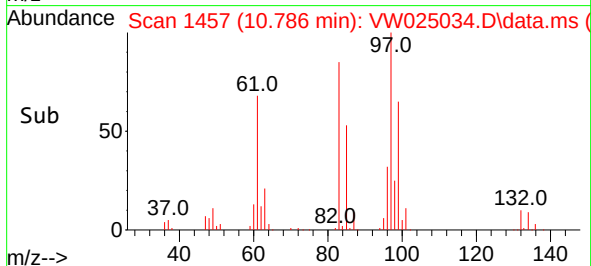
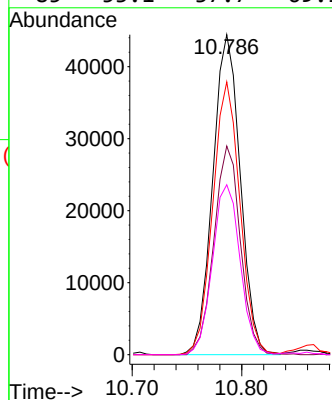
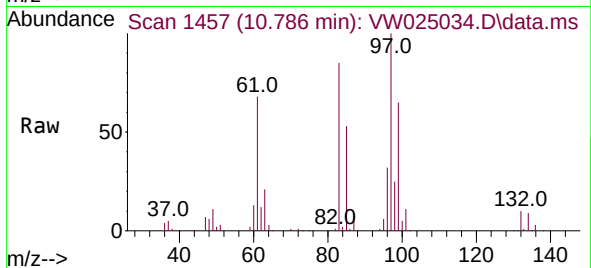
Ion Ratio Lower Upper

97 100

99 65.2 44.0 81.6

83 85.3 59.9 111.3

85 53.1 37.7 69.9



#46

Tetrachloroethene

Concen: 26.439 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW025034.D

Acq: 10 Nov 2022 17:16

Tgt Ion:164 Resp: 83574

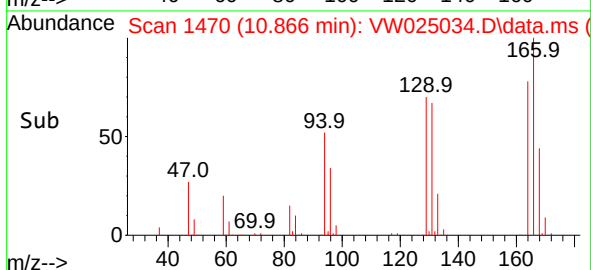
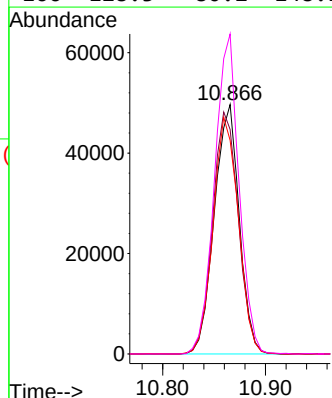
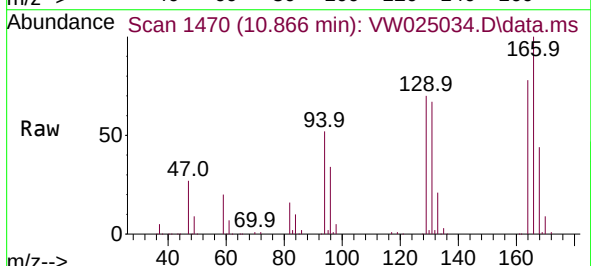
Ion Ratio Lower Upper

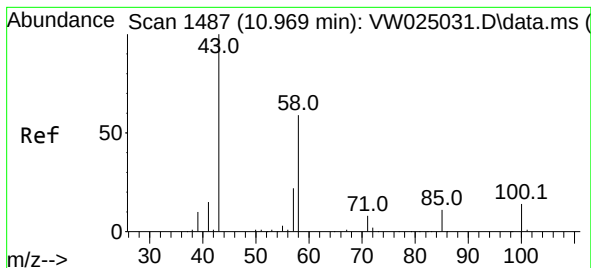
164 100

129 90.0 72.9 135.5

131 85.6 70.1 130.3

166 128.3 80.2 148.9

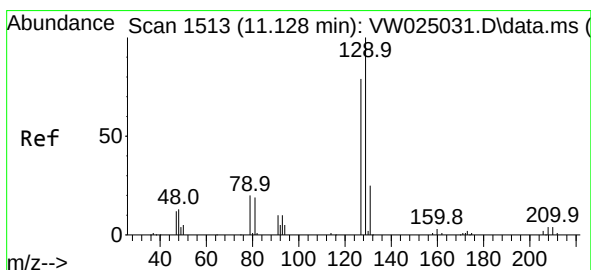
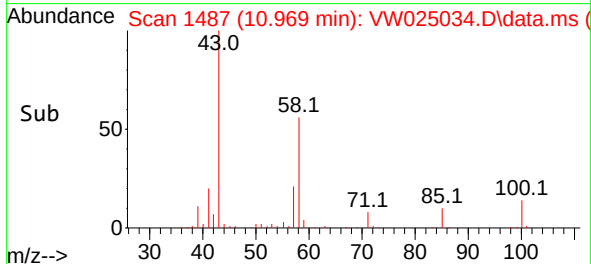
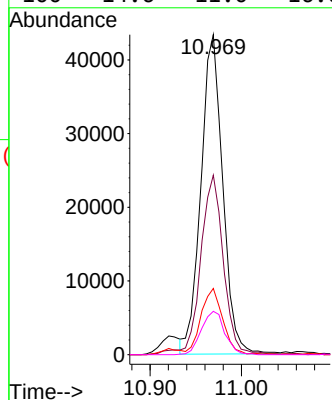
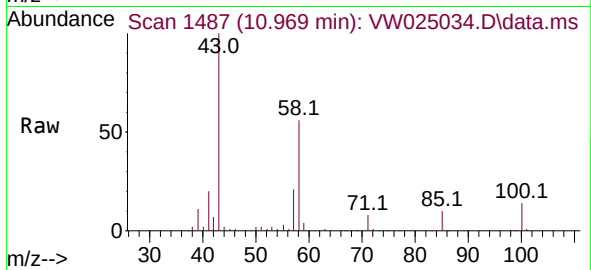




#48
2-Hexanone
Concen: 43.711 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

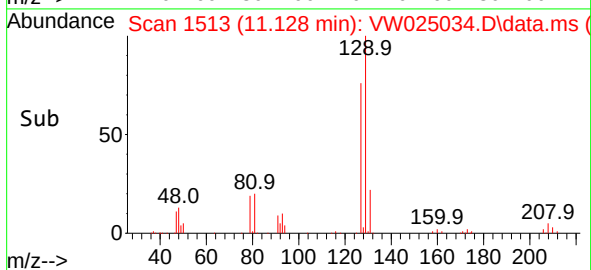
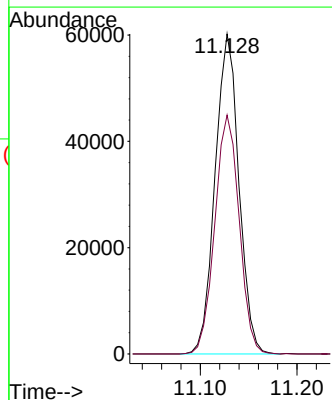
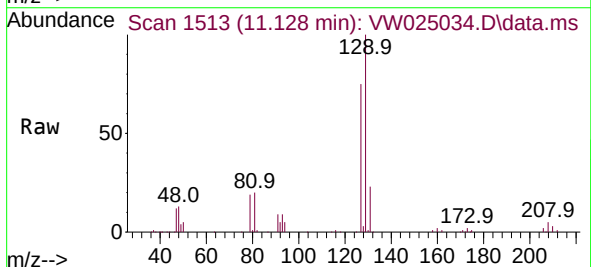
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

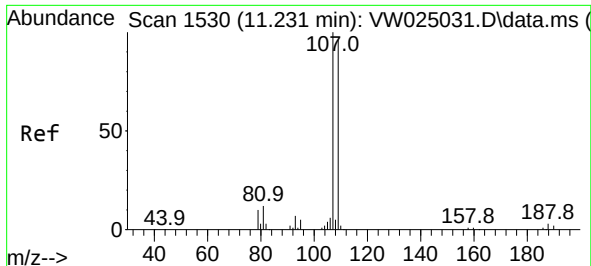
Tgt Ion: 43	Resp: 71889
Ion Ratio	Lower Upper
43 100	
58 57.2	46.1 69.1
57 20.2	16.2 24.2
100 14.6	11.0 16.6



#49
Dibromochloromethane
Concen: 27.579 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

Tgt Ion:129	Resp: 102864		
Ion Ratio	Lower	Upper	
129 100			
127 74.6	53.2	98.8	





#50

1,2-Dibromoethane

Concen: 24.651 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025034.D

Acq: 10 Nov 2022 17:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

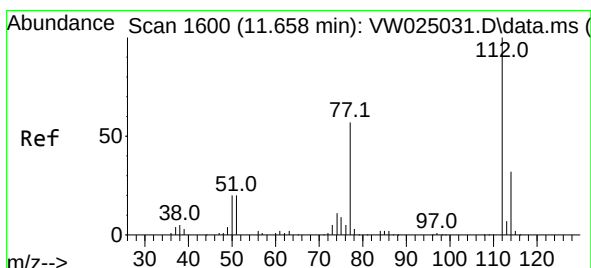
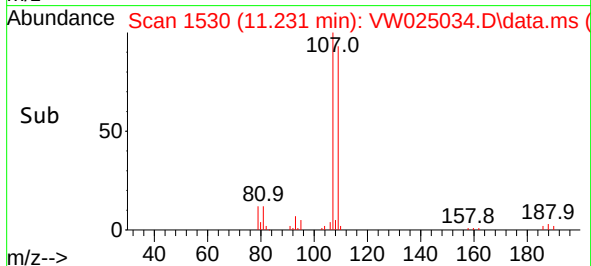
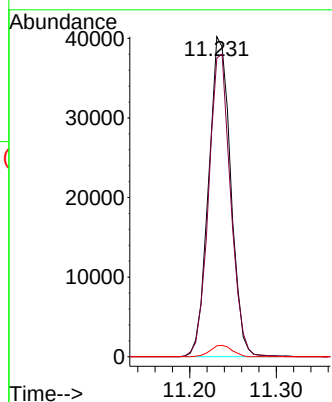
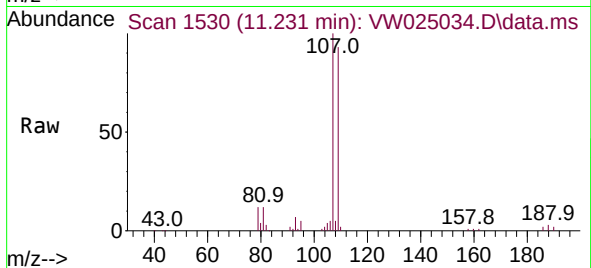
Tgt Ion:107 Resp: 71334

Ion Ratio Lower Upper

107 100

109 93.4 64.5 119.7

188 3.4 2.9 4.3



#51

Chlorobenzene

Concen: 26.292 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW025034.D

Acq: 10 Nov 2022 17:16

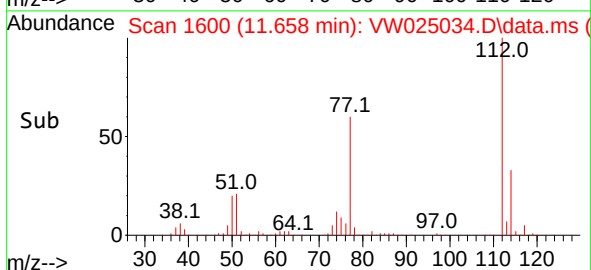
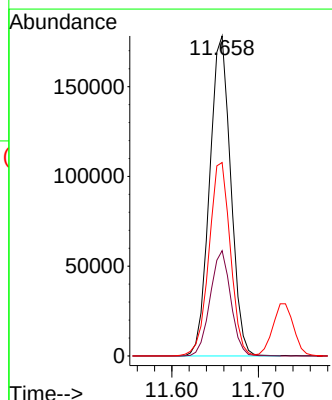
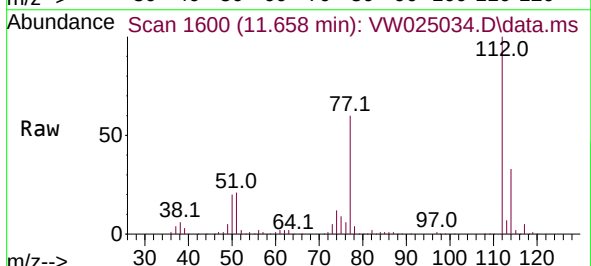
Tgt Ion:112 Resp: 302094

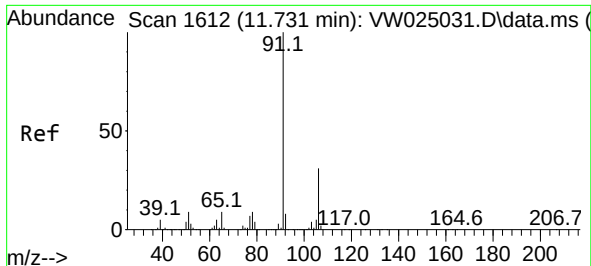
Ion Ratio Lower Upper

112 100

114 32.9 20.8 38.6

77 60.4 48.2 72.2

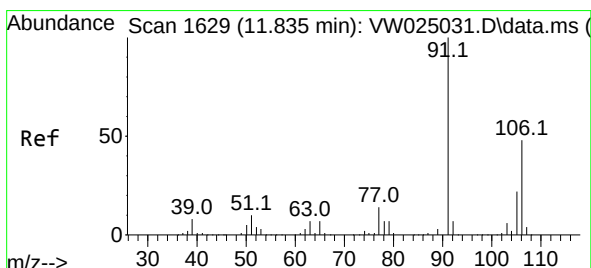
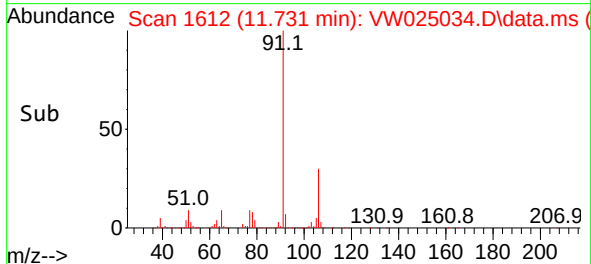
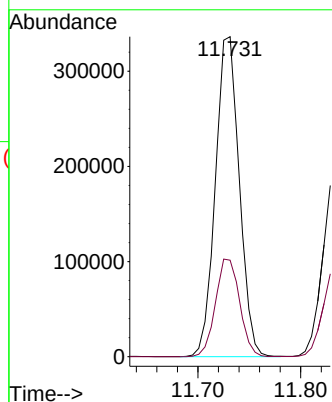
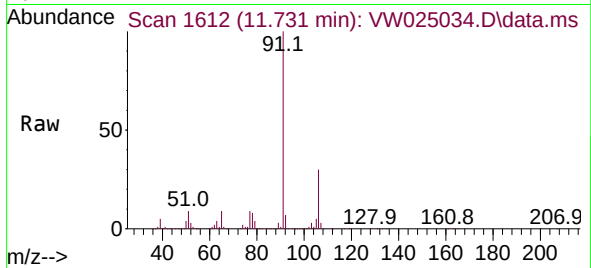




#52
Ethylbenzene
Concen: 26.539 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

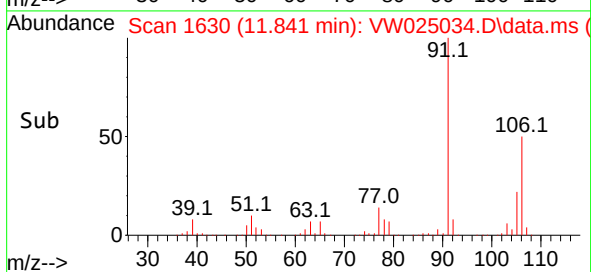
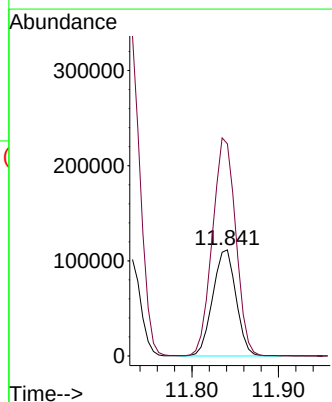
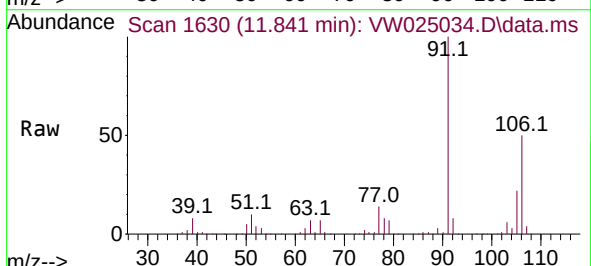
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

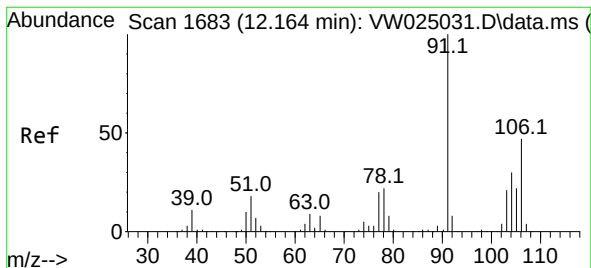
Tgt Ion: 91 Resp: 543016
Ion Ratio Lower Upper
91 100
106 30.1 22.3 41.5



#53
m,p-Xylene
Concen: 26.344 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

Tgt Ion: 106 Resp: 208657
Ion Ratio Lower Upper
106 100
91 199.9 143.9 267.2





#54

o-Xylene

Concen: 26.919 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025034.D

Acq: 10 Nov 2022 17:16

Instrument :

MSVOA_W

ClientSampleId :

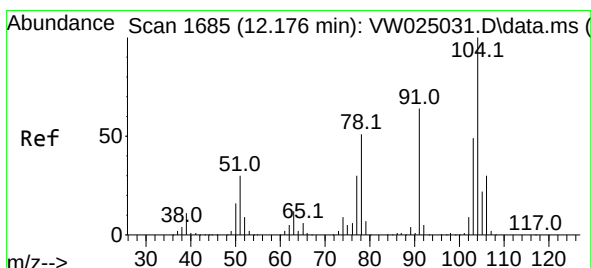
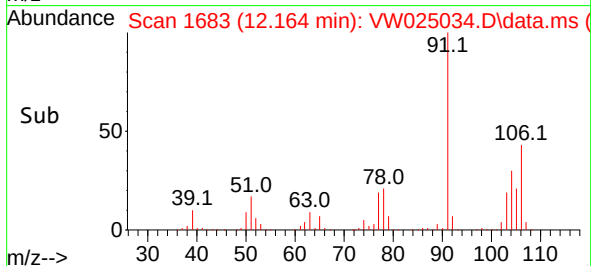
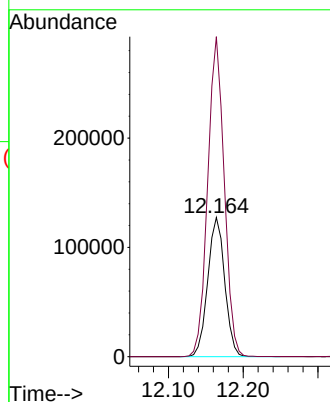
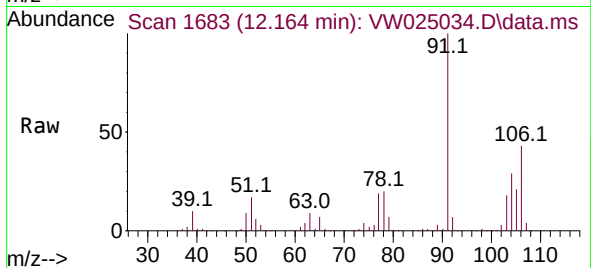
VSTD025492

Tgt Ion:106 Resp: 201142

Ion Ratio Lower Upper

106 100

91 229.9 153.5 285.1



#55

Styrene

Concen: 27.147 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW025034.D

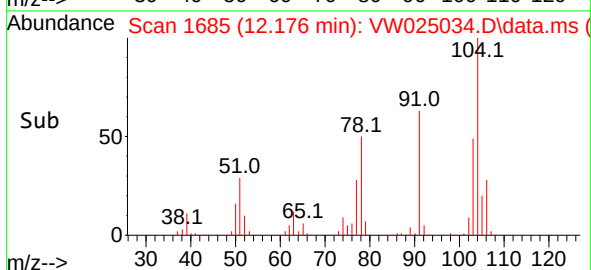
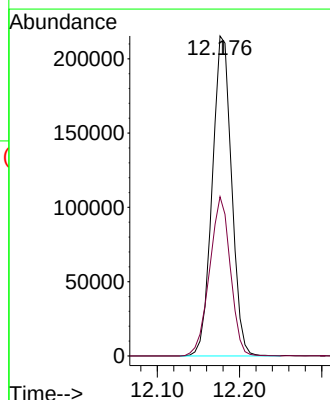
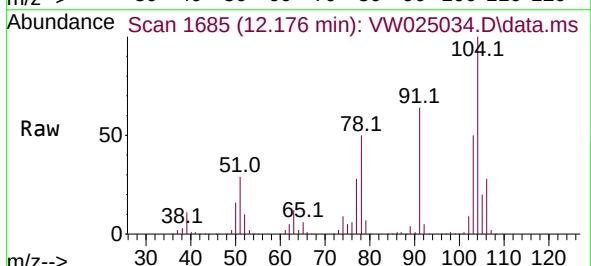
Acq: 10 Nov 2022 17:16

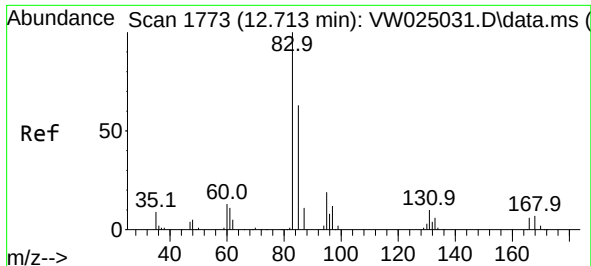
Tgt Ion:104 Resp: 352313

Ion Ratio Lower Upper

104 100

78 49.8 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 23.769 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025034.D

Acq: 10 Nov 2022 17:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

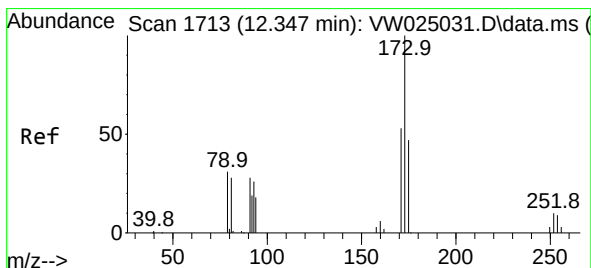
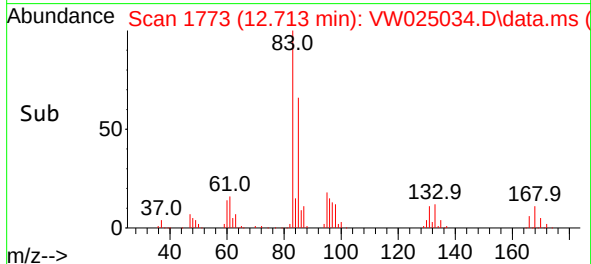
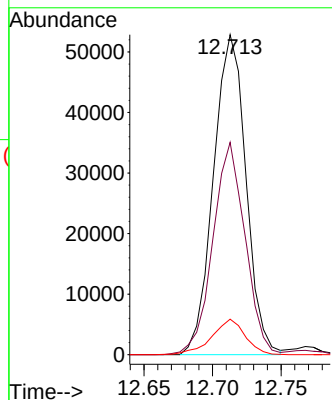
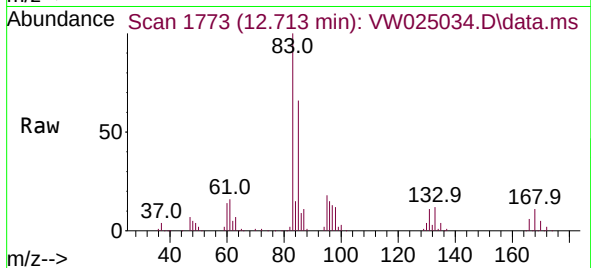
Tgt Ion: 83 Resp: 87248

Ion Ratio Lower Upper

83 100

85 66.3 46.4 86.2

131 11.1 8.2 12.4



#59

Bromoform

Concen: 26.073 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW025034.D

Acq: 10 Nov 2022 17:16

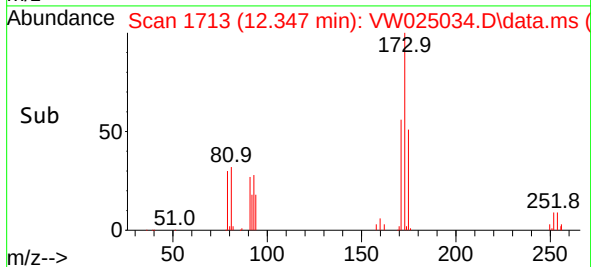
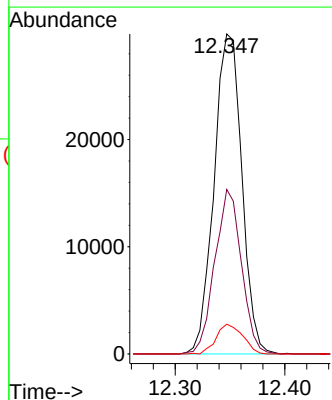
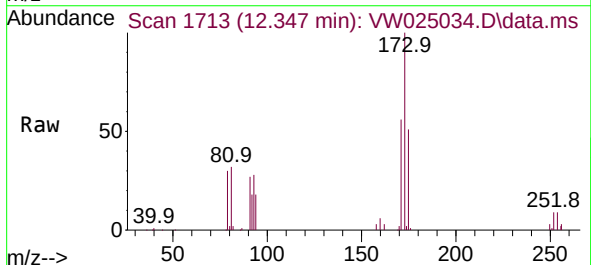
Tgt Ion: 173 Resp: 52606

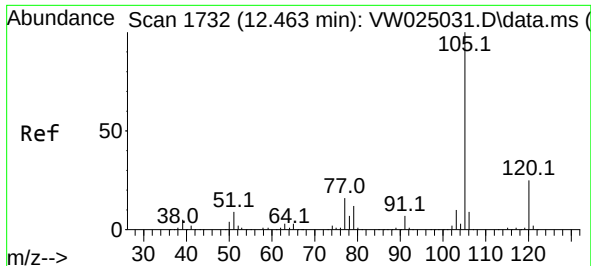
Ion Ratio Lower Upper

173 100

175 49.2 37.4 56.2

254 8.8 5.8 8.8#

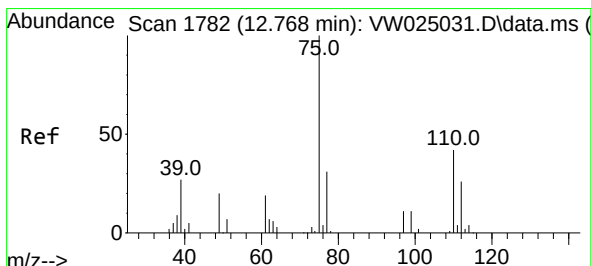
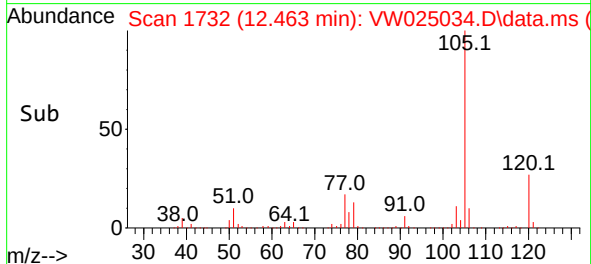
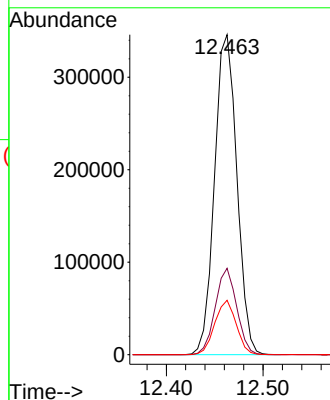
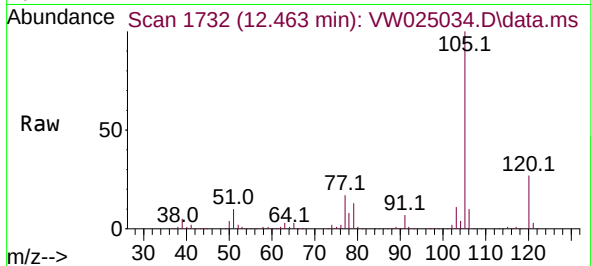




#60
Isopropylbenzene
Concen: 25.896 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

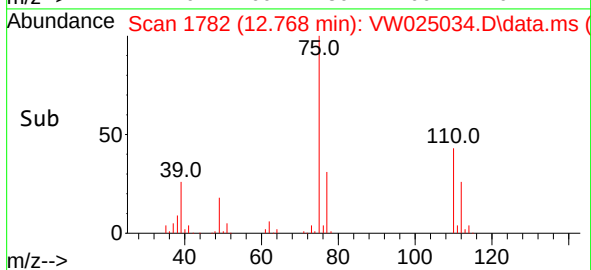
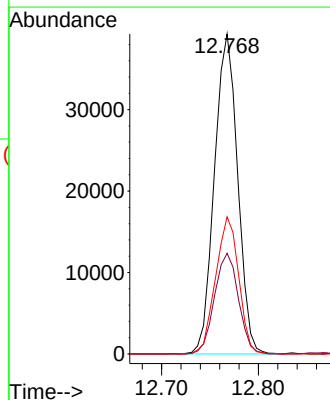
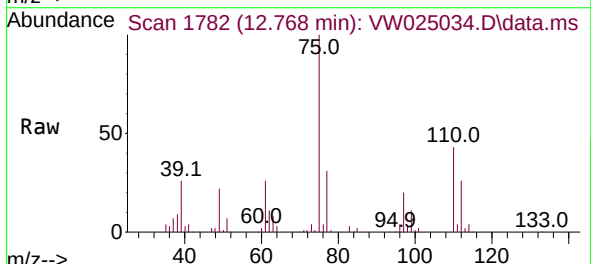
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

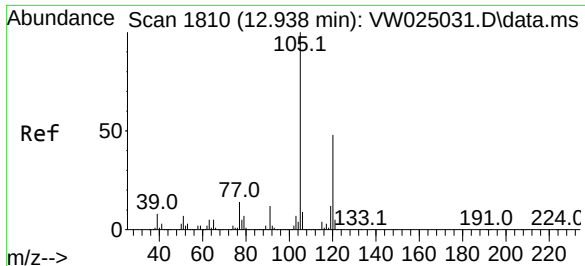
Tgt Ion:105 Resp: 555383
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 16.4 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 22.806 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

Tgt Ion: 75 Resp: 65361
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5
110 42.6 31.7 47.5

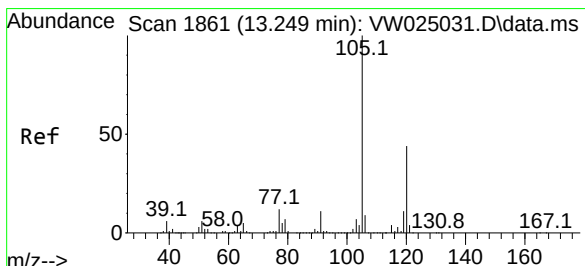
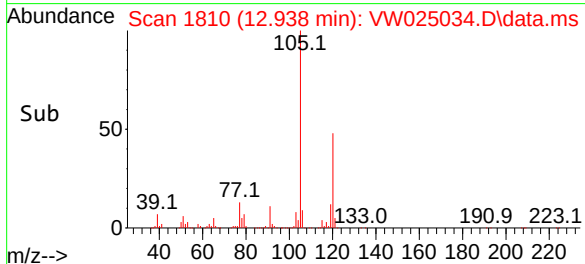
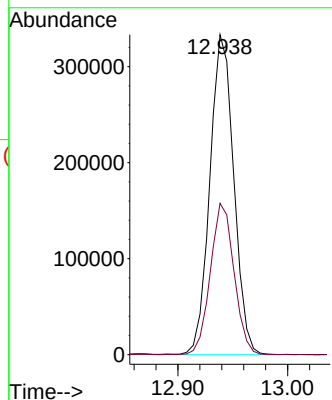
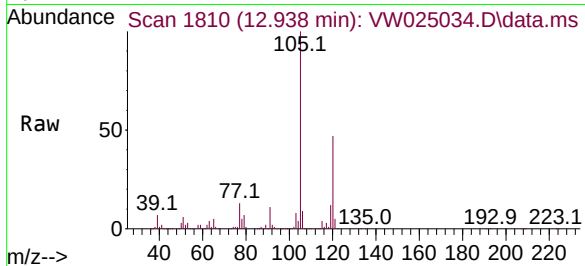




#62
1,3,5-Trimethylbenzene
Concen: 27.099 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

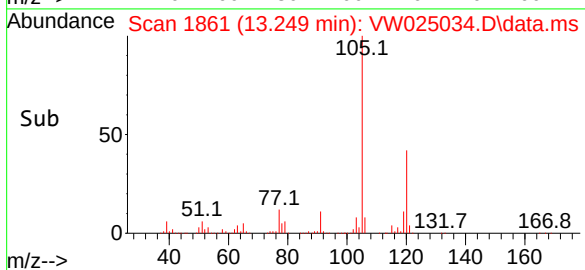
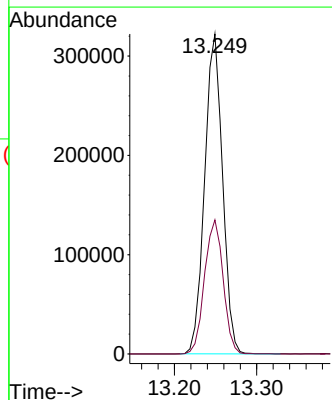
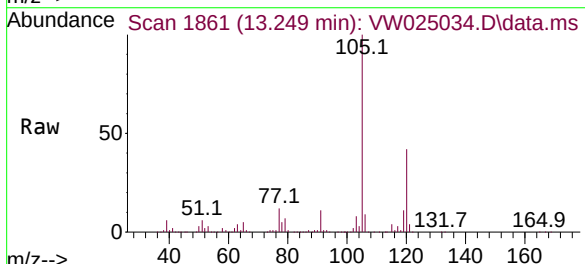
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

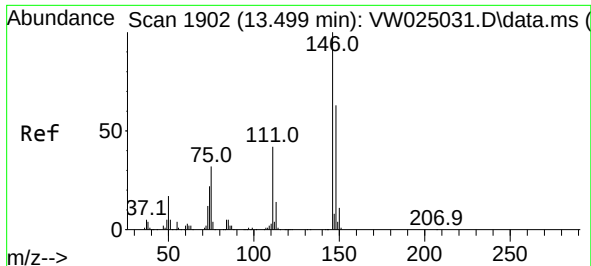
Tgt Ion:105 Resp: 504508
Ion Ratio Lower Upper
105 100
120 47.0 37.6 56.4



#63
1,2,4-Trimethylbenzene
Concen: 26.737 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

Tgt Ion:105 Resp: 488116
Ion Ratio Lower Upper
105 100
120 43.4 35.7 53.5

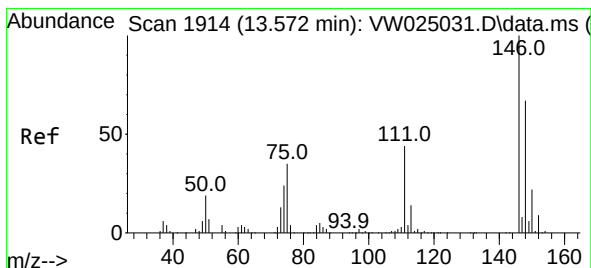
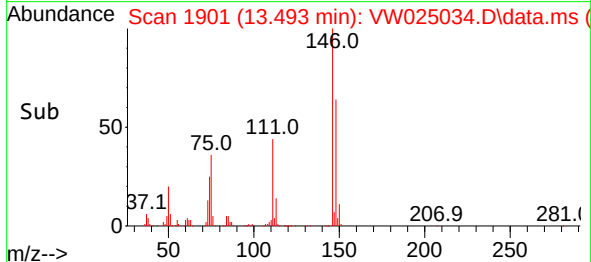
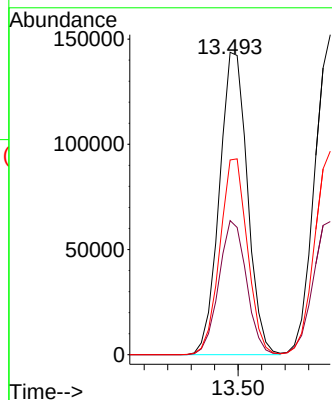
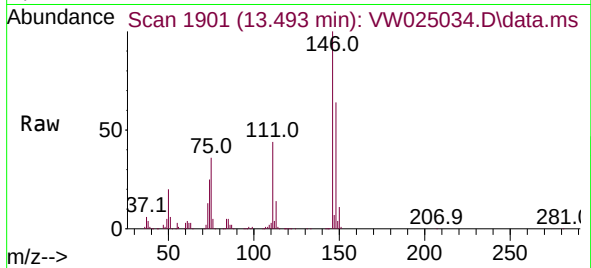




#64
1,3-Dichlorobenzene
Concen: 26.612 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

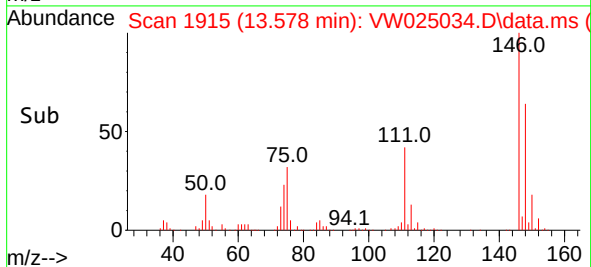
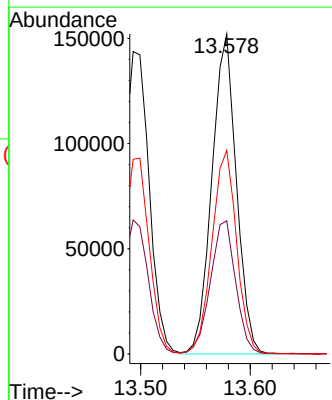
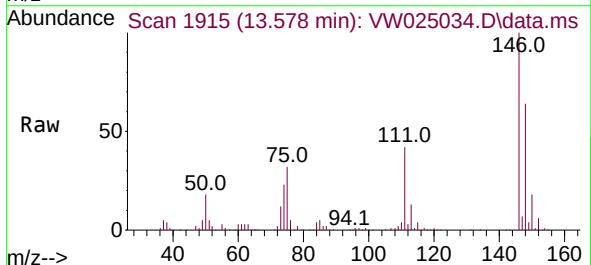
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

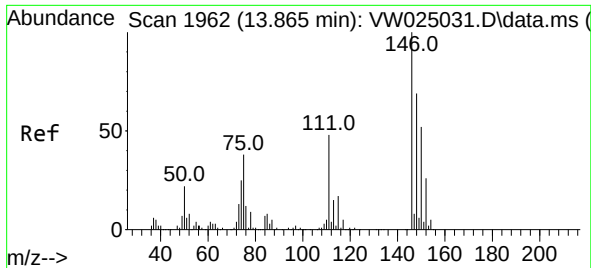
Tgt Ion:146 Resp: 238040
Ion Ratio Lower Upper
146 100
111 44.3 31.1 57.7
148 64.4 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 26.486 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

Tgt Ion:146 Resp: 236395
Ion Ratio Lower Upper
146 100
111 41.6 28.8 53.6
148 63.6 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 26.365 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025034.D

Acq: 10 Nov 2022 17:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

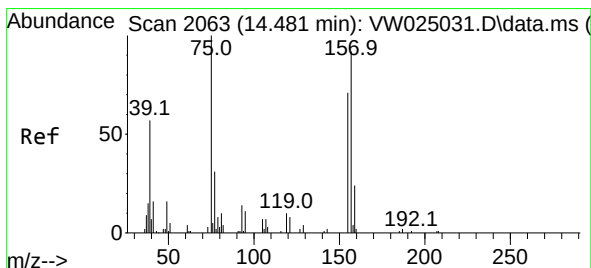
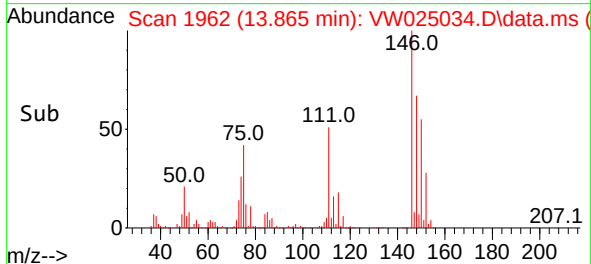
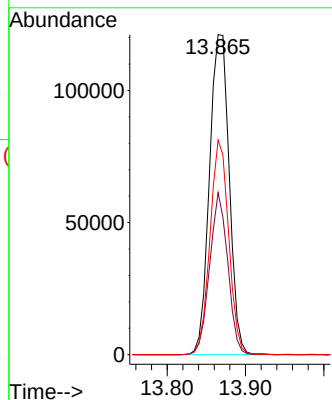
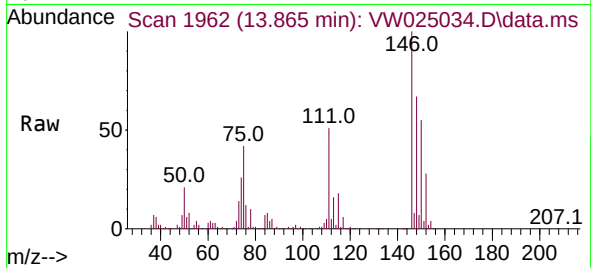
Tgt Ion:146 Resp: 212048

Ion Ratio Lower Upper

146 100

111 50.7 34.2 51.4

148 67.1 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 24.574 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025034.D

Acq: 10 Nov 2022 17:16

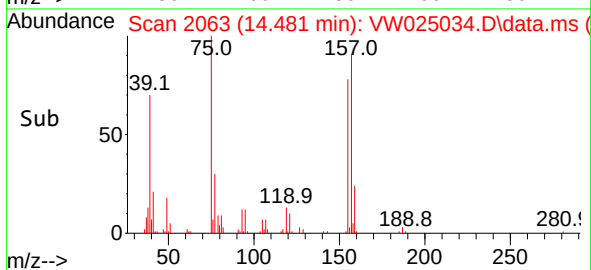
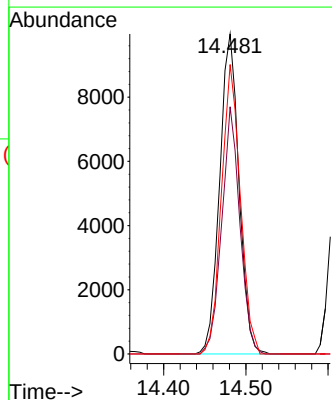
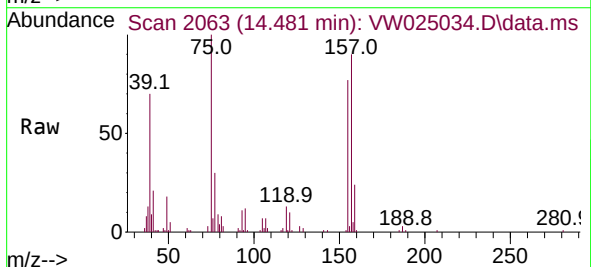
Tgt Ion: 75 Resp: 16275

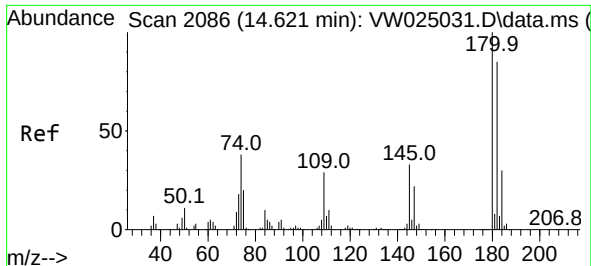
Ion Ratio Lower Upper

75 100

155 77.3 61.2 91.8

157 90.4 72.4 108.6

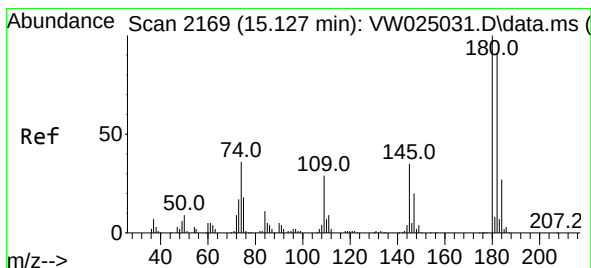
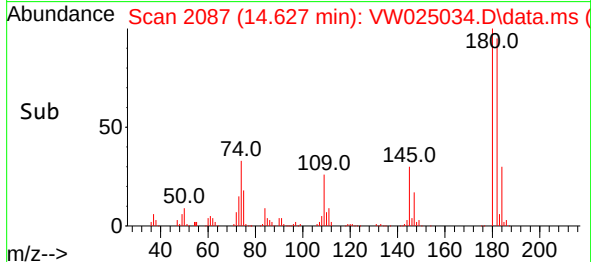
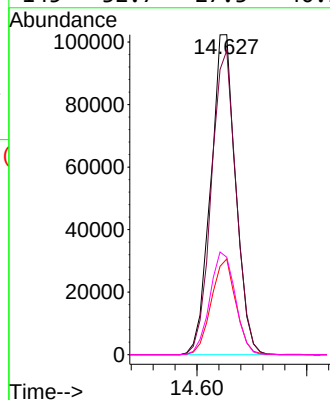
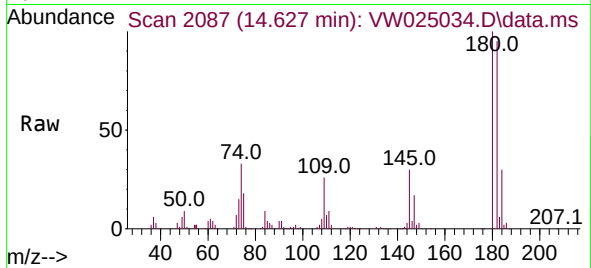




#69
 1,3,5-Trichlorobenzene
 Concen: 27.312 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.006 min
 Lab File: VW025034.D
 Acq: 10 Nov 2022 17:16

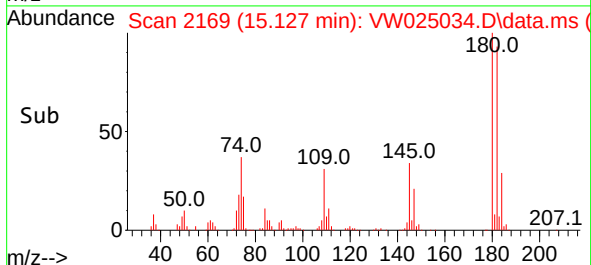
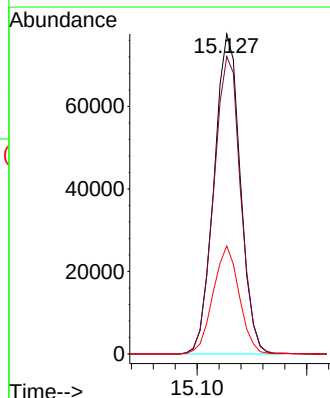
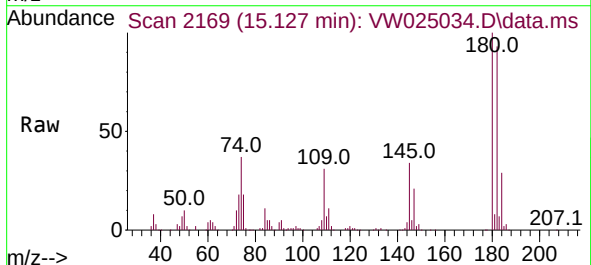
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025492

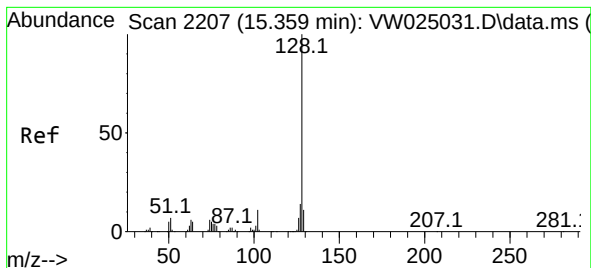
Tgt Ion:180	Resp:	161810
Ion Ratio	Lower	Upper
180	100	
182	94.0	75.7 113.5
184	29.4	23.4 35.2
145	32.7	27.3 40.9



#70
 1,2,4-trichlorobenzene
 Concen: 27.965 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW025034.D
 Acq: 10 Nov 2022 17:16

Tgt Ion:180	Resp:	128776
Ion Ratio	Lower	Upper
180	100	
182	95.5	74.9 112.3
145	33.7	27.0 40.4

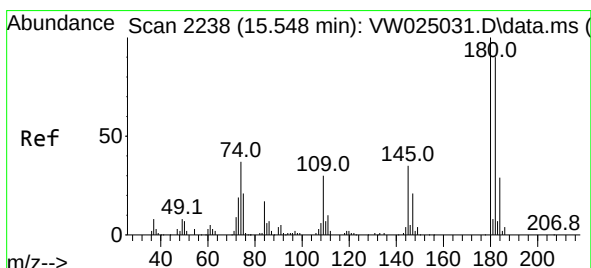
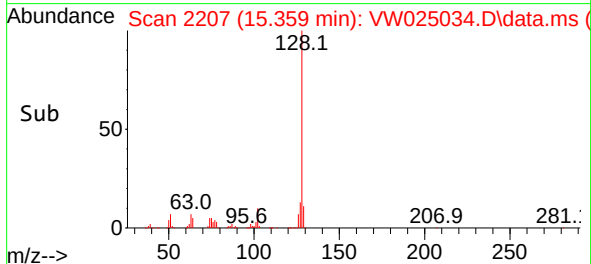
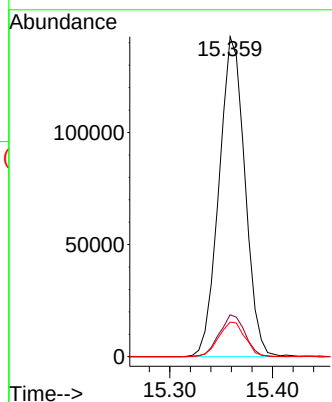
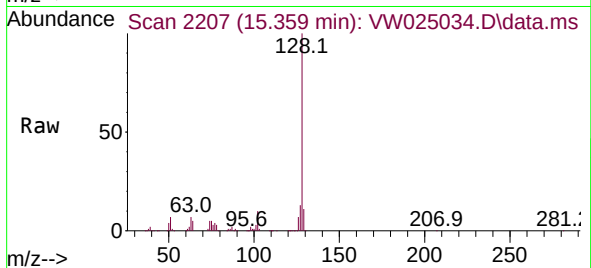




#71
Naphthalene
Concen: 25.699 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

Tgt Ion:128 Resp: 249645
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 27.159 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW025034.D
Acq: 10 Nov 2022 17:16

Tgt Ion:180 Resp: 108970
Ion Ratio Lower Upper
180 100
182 93.0 74.1 111.1
145 34.1 28.2 42.2

