

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101222\
 Data File : VW024892.D
 Acq On : 12 Oct 2022 22:47
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.97g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025596

Quant Time: Oct 12 23:24:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 12 23:18:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	463433	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	419644	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	205077	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	122455	22.397	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.600%
7) Chloroethane-d5	2.885	69	70532	22.033	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.120%
11) 1,1-Dichloroethene-d2	4.026	63	283663	23.862	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.440%
21) 2-Butanone-d5	7.086	46	73679	42.531	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.060%
24) Chloroform-d	7.647	84	313196	23.960	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.840%
26) 1,2-Dichloroethane-d4	8.305	65	159788	23.357	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.440%
32) Benzene-d6	8.275	84	637412	24.222	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.880%
36) 1,2-Dichloropropane-d6	9.275	67	193634	23.991	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.960%
41) Toluene-d8	10.323	98	574892	24.340	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.360%
43) trans-1,3-Dichloroprop...	10.579	79	72016	23.526	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.120%
47) 2-Hexanone-d5	10.927	63	59033	43.625	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.260%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	139575	22.175	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	172774	23.054	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	41370	19.953	ug/L	90
3) Chloromethane	2.215	50	116394	24.103	ug/L	100
5) Vinyl chloride	2.361	62	175688	26.667	ug/L	99
6) Bromomethane	2.782	94	74793	23.373	ug/L	100
8) Chloroethane	2.922	64	66675	24.288	ug/L	100
9) Trichlorofluoromethane	3.263	101	92878	28.500	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	164496	24.791	ug/L	97
12) 1,1-Dichloroethene	4.044	96	161228	25.679	ug/L	89
13) Acetone	4.141	43	45773	37.759	ug/L	96
14) Carbon disulfide	4.385	76	540434	26.352	ug/L	99
15) Methyl Acetate	4.678	43	69039	23.401	ug/L	98
16) Methylene chloride	4.916	84	198805	24.296	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	178462	26.113	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	265831	26.175	ug/L	100
19) 1,1-Dichloroethane	6.214	63	332657	26.309	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	192066	26.003	ug/L	98
22) 2-Butanone	7.177	43	84547	41.807	ug/L	100
23) Bromochloromethane	7.519	128	78951	26.132	ug/L	99
25) Chloroform	7.677	83	326208	26.284	ug/L	97

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	205988	25.667	ug/L	99
29) Cyclohexane	7.958	56	318005	26.093	ug/L	100
30) 1,1,1-Trichloroethane	7.878	97	257382	26.669	ug/L	100
31) Carbon tetrachloride	8.067	117	225272	26.585	ug/L	99
33) Benzene	8.324	78	756835	26.510	ug/L	100
34) Trichloroethene	9.092	95	190596	26.509	ug/L	97
35) Methylcyclohexane	9.336	83	340119	26.285	ug/L	99
37) 1,2-Dichloropropane	9.366	63	189077	26.575	ug/L	100
38) Bromodichloromethane	9.646	83	231221	26.302	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	274382	26.680	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	197592	46.987	ug/L	99
42) Toluene	10.384	91	786099	26.856	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	222667	26.079	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	126941	25.543	ug/L	97
46) Tetrachloroethene	10.860	164	127526	26.086	ug/L	97
48) 2-Hexanone	10.969	43	131697	46.189	ug/L	98
49) Dibromochloromethane	11.128	129	145279	26.407	ug/L	99
50) 1,2-Dibromoethane	11.232	107	119005	25.419	ug/L	96
51) Chlorobenzene	11.658	112	484431	26.332	ug/L	99
52) Ethylbenzene	11.731	91	884767	26.993	ug/L	99
53) m,p-Xylene	11.835	106	329631	26.470	ug/L	92
54) o-Xylene	12.164	106	318924	26.897	ug/L	91
55) Styrene	12.177	104	556976	27.387	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	146529	24.166	ug/L	95
59) Bromoform	12.347	173	68293	24.887	ug/L #	98
60) Isopropylbenzene	12.463	105	878257	26.549	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	107638	23.871	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	746949	26.299	ug/L	100
63) 1,2,4-Trimethylbenzene	13.243	105	736917	26.910	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	355718	26.404	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	346404	25.401	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	311558	26.018	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	21360	21.793	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	226320	25.729	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	179570	25.161	ug/L	93
71) Naphthalene	15.359	128	373882	24.178	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	151485	24.868	ug/L	98

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

Instrument :
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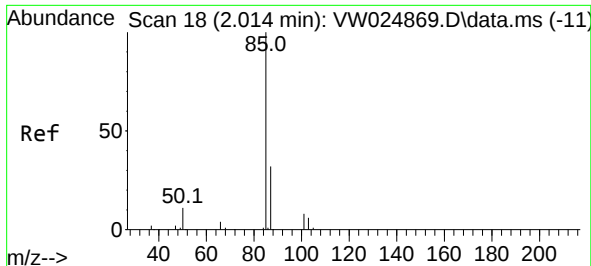
Abundance

TIC: VW024892.D\data.ms

Time-->

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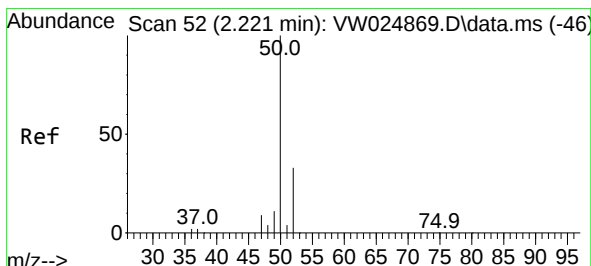
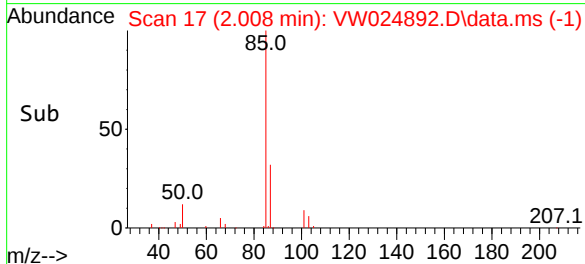
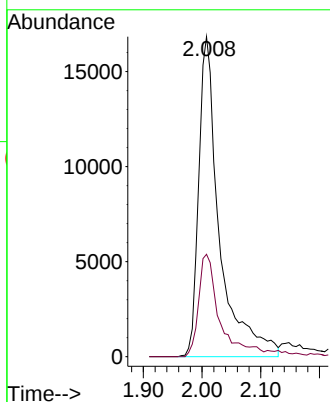
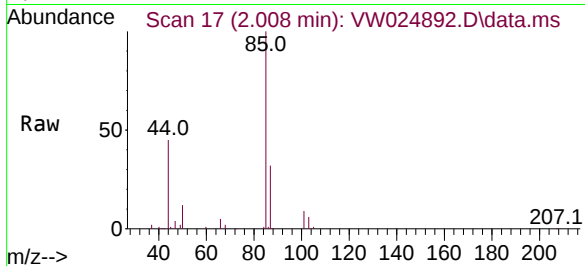
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Chloromethane, T
Vinyl chloride-d3, S
Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Acetone, T
Carbon disulfide, T
Methyl acetate, T
Methylene chloride, T
Methyl isobutyl ether, T
1,1-Dichloroethane, T
2-Butanone-d5, S
2-Isobutylchloroethene, T
Bromochloromethane, T
Chloroform, T
1,1,1-Trichloroethane, T
Cyclohexane, T
Carbon tetrachloride, T
1,2-Dichloroethane, T
1,2-Dichloroethane-d4, S
Benzene, T
1,4-Difluorobenzene, I
Trichloroethene, T
1,2-Dichloropropane-d6, S
Methylcyclohexane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
4-Methyl-2-pentanol, I
trans-1,3-Dichloropropene-d4, S
3,3-Dichloropropene, T
1,1,2-Trichloroethane, T
Tetrafluoroethene, T
2-Hydroxypropanal, S
Dibromochloromethane, T
1,2-Dibromodichloroethane, I
Chlorobenzene, T
Ethylbenzene, T
m,p-Xylene, T
Styrene-Xylene, T
Isopropylbenzene
1,3,5-Trimethylbenzene
1,2,4-Trimethylbenzene
1,3-Dichlorobenzene, T
1,2,4-Dichlorobenzene, T
1,2-Dichlorobenzene-d4, S
1,2-Dibromo-3-chloropropane, T
1,3,5-Trichlorobenzene
Naphthalene
1,2,4-trichlorobenzene, T
1,2,3-Trichlorobenzene, T



#2
 Dichlorodifluoromethane
 Concen: 19.953 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW024892.D
 Acq: 12 Oct 2022 22:47

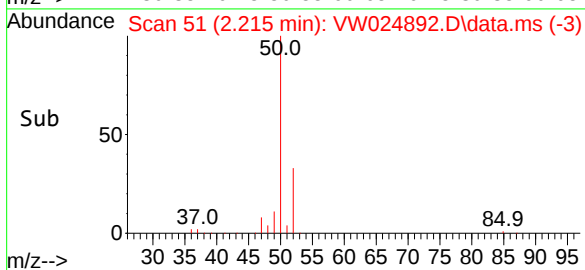
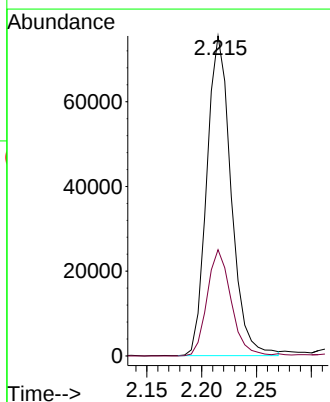
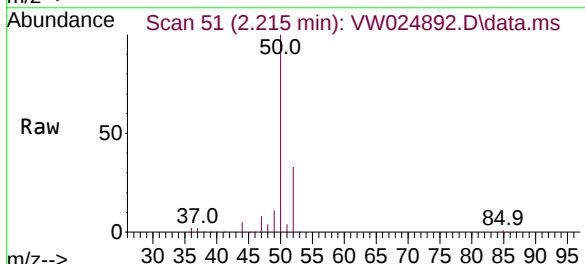
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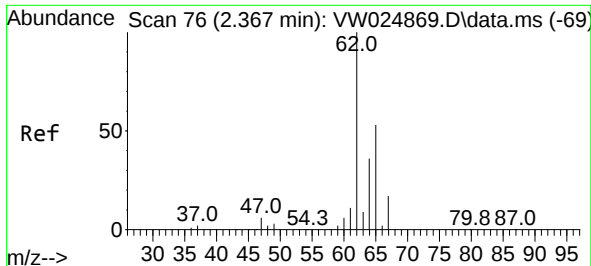
Tgt Ion: 85 Resp: 41370
 Ion Ratio Lower Upper
 85 100
 87 28.0 26.8 40.2



#3
 Chloromethane
 Concen: 24.103 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW024892.D
 Acq: 12 Oct 2022 22:47

Tgt Ion: 50 Resp: 116394
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.1 42.9

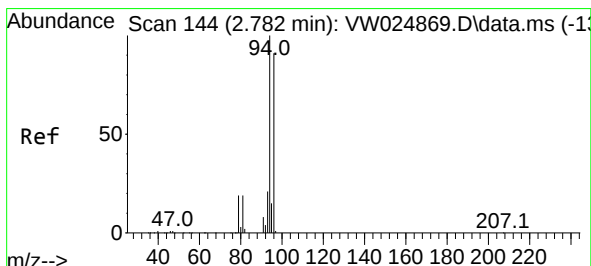
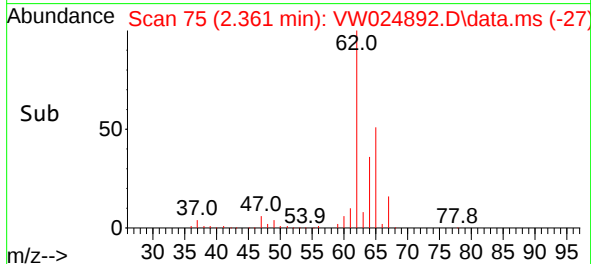
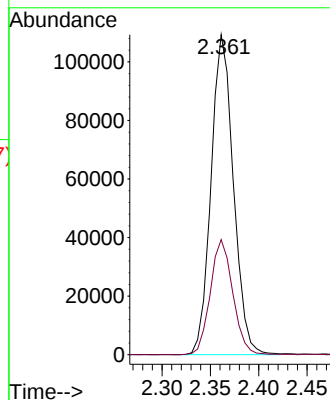
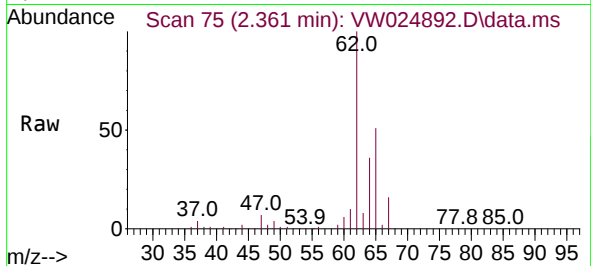




#5
 Vinyl chloride
 Concen: 26.667 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW024892.D
 Acq: 12 Oct 2022 22:47

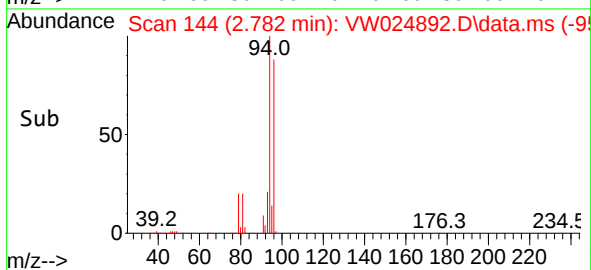
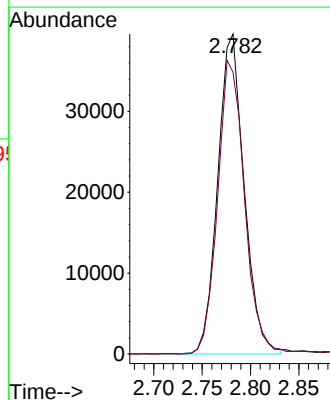
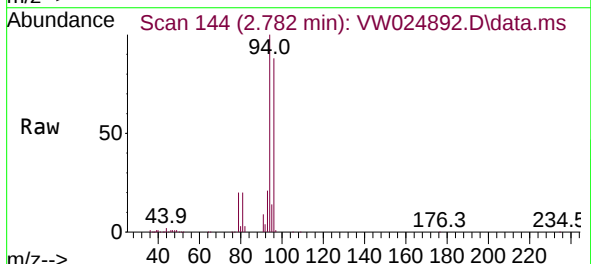
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 ClientSampleId :
 VSTD025596

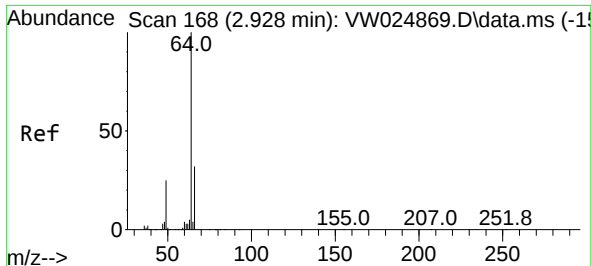
Tgt Ion: 62 Resp: 175688
 Ion Ratio Lower Upper
 62 100
 64 36.0 24.7 45.9



#6
 Bromomethane
 Concen: 23.373 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW024892.D
 Acq: 12 Oct 2022 22:47

Tgt Ion: 94 Resp: 74793
 Ion Ratio Lower Upper
 94 100
 96 88.1 61.4 114.0





#8

Chloroethane

Concen: 24.288 ug/L

RT: 2.922 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW024892.D

Acq: 12 Oct 2022 22:47

Instrument :

MSVOA_W

ClientSampleId :

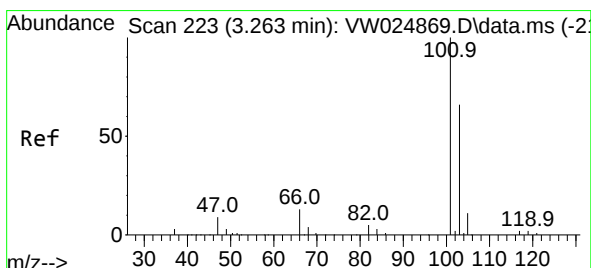
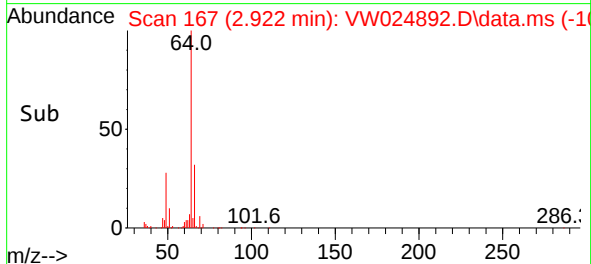
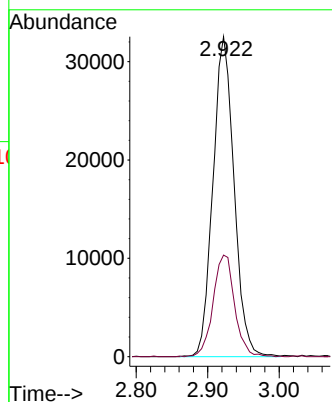
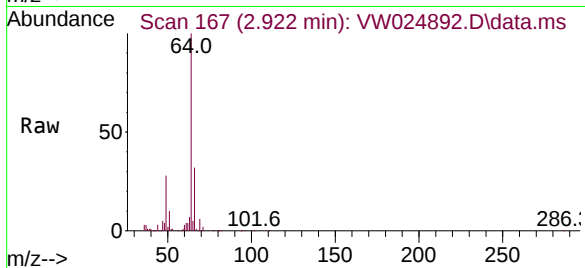
VSTD025596

Tgt Ion: 64 Resp: 66675

Ion Ratio Lower Upper

64 100

66 31.8 22.3 41.5



#9

Trichlorofluoromethane

Concen: 28.500 ug/L

RT: 3.263 min Scan# 223

Delta R.T. 0.000 min

Lab File: VW024892.D

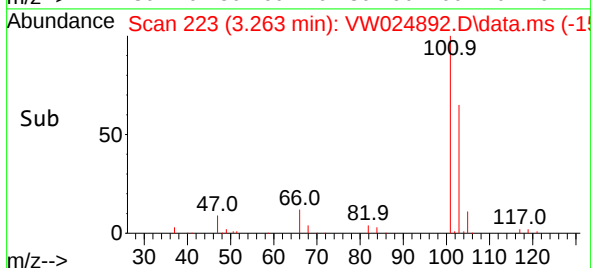
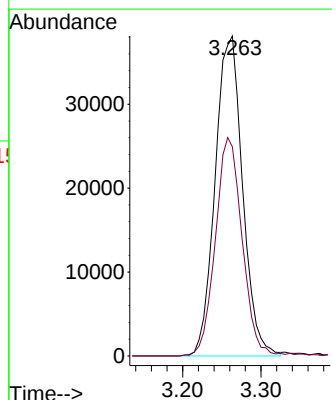
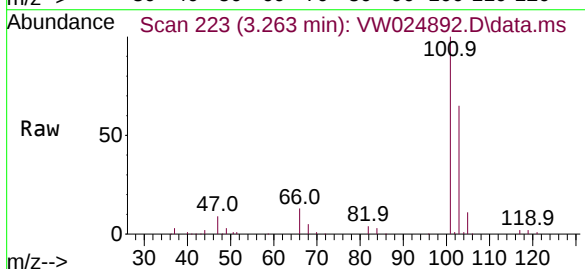
Acq: 12 Oct 2022 22:47

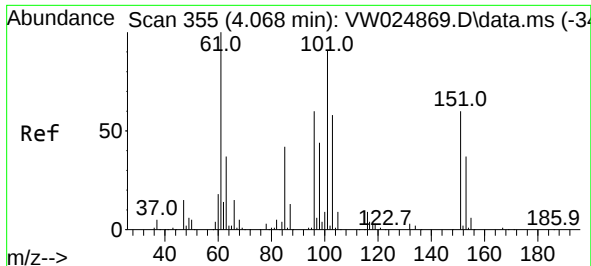
Tgt Ion: 101 Resp: 92878

Ion Ratio Lower Upper

101 100

103 66.3 52.9 79.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 24.791 ug/L

RT: 4.062 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW024892.D

Acq: 12 Oct 2022 22:47

Instrument :

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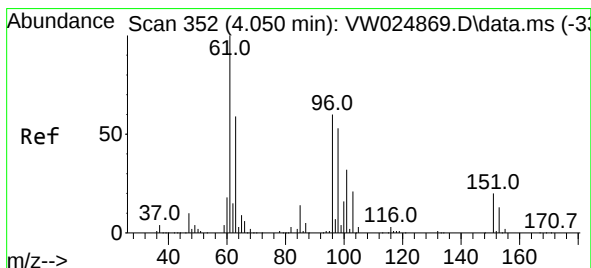
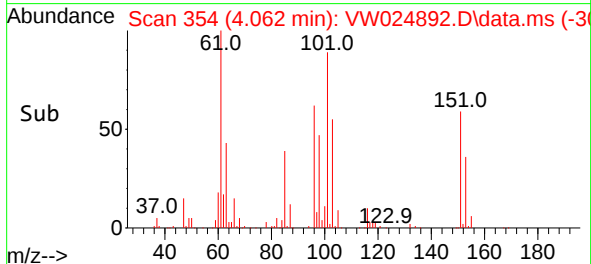
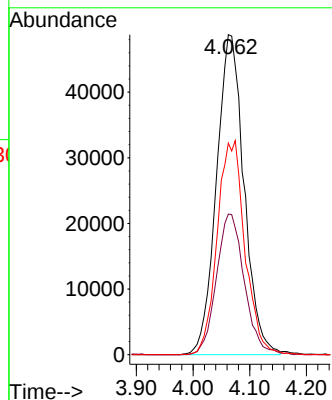
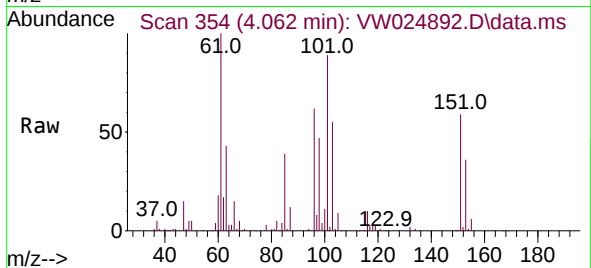
Tgt Ion:101 Resp: 164496

Ion Ratio Lower Upper

101 100

85 44.3 33.6 50.4

151 67.2 52.0 78.0



#12

1,1-Dichloroethene

Concen: 25.679 ug/L

RT: 4.044 min Scan# 351

Delta R.T. -0.006 min

Lab File: VW024892.D

Acq: 12 Oct 2022 22:47

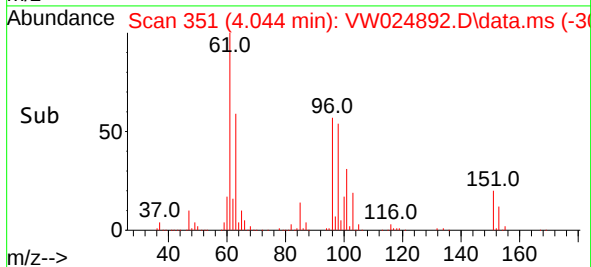
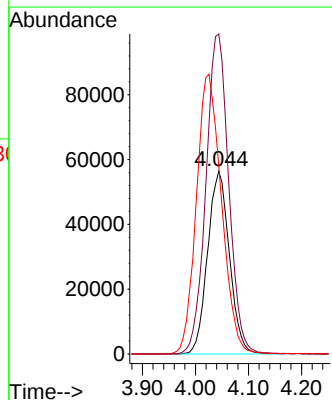
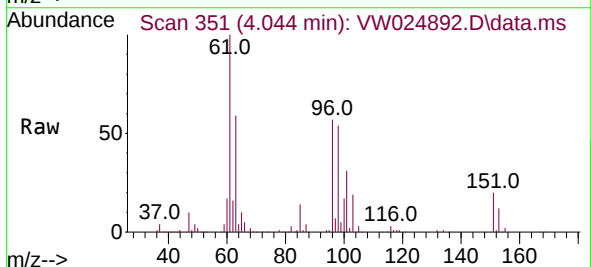
Tgt Ion: 96 Resp: 161228

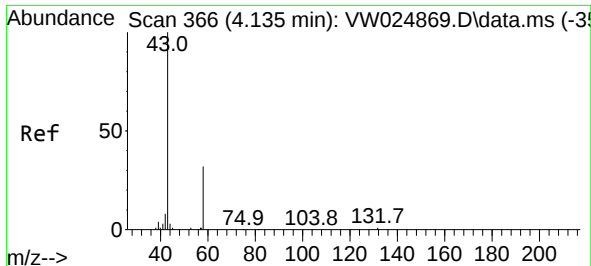
Ion Ratio Lower Upper

96 100

61 175.1 122.4 227.2

63 103.0 92.1 171.1





#13

Acetone

Concen: 37.759 ug/L

RT: 4.141 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW024892.D

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ClientSampleId :

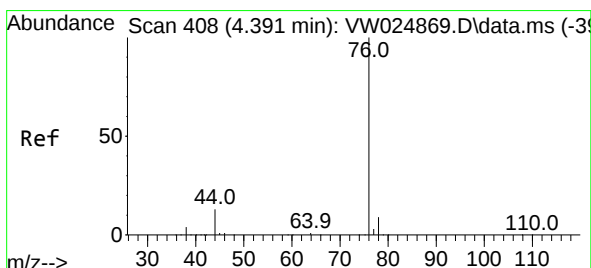
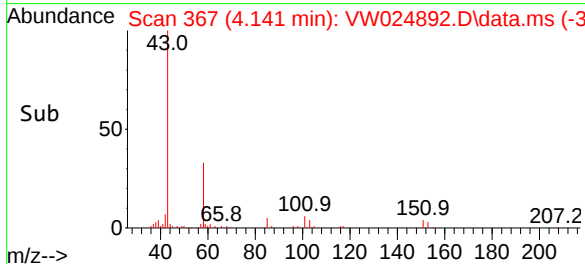
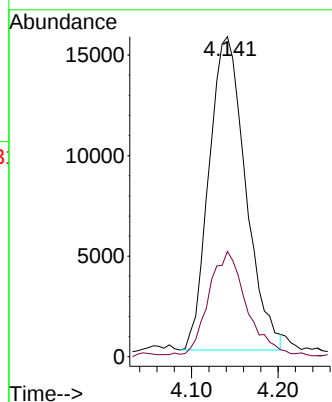
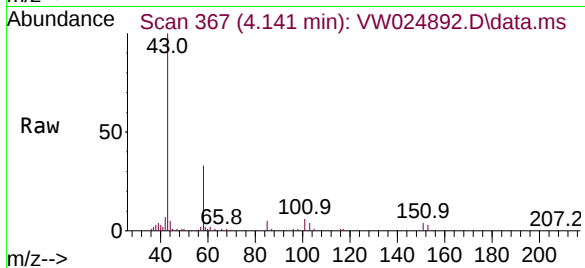
VSTD025596

Tgt Ion: 43 Resp: 45773

Ion Ratio Lower Upper

43 100

58 34.4 0.0 64.2



#14

Carbon disulfide

Concen: 26.352 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.006 min

Lab File: VW024892.D

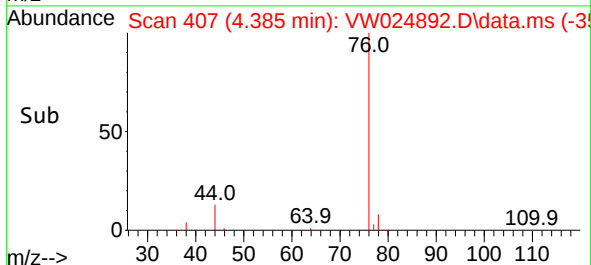
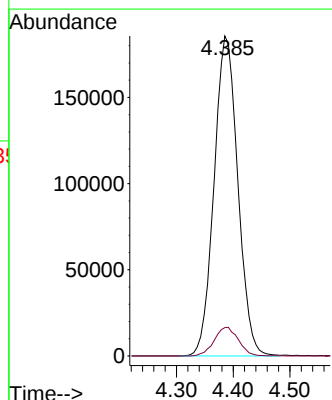
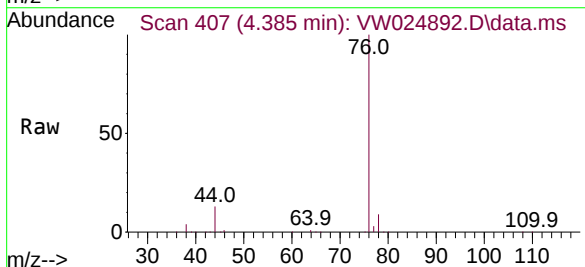
Acq: 12 Oct 2022 22:47

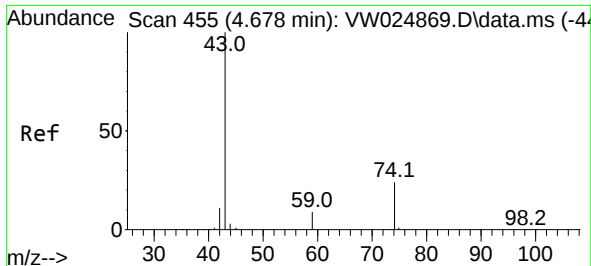
Tgt Ion: 76 Resp: 540434

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

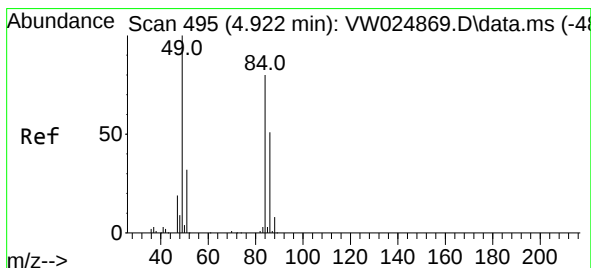
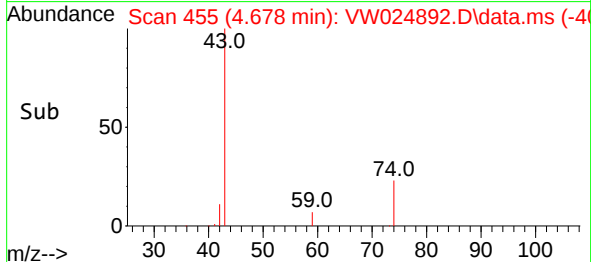
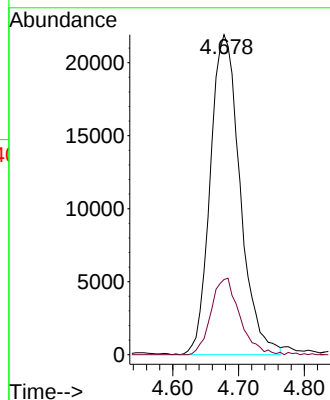
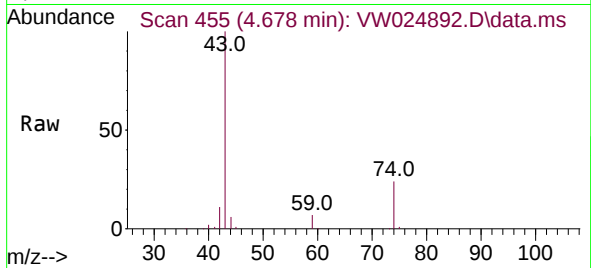




#15
Methyl Acetate
Concen: 23.401 ug/L
RT: 4.678 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

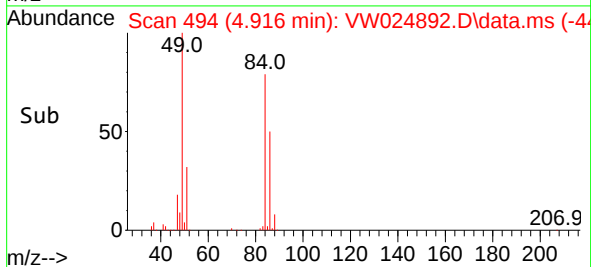
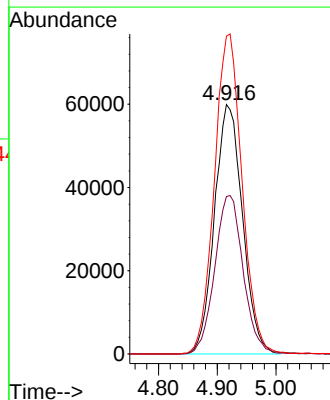
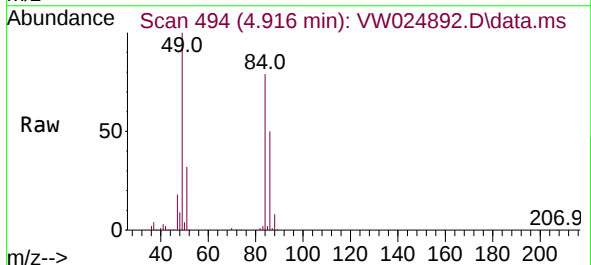
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

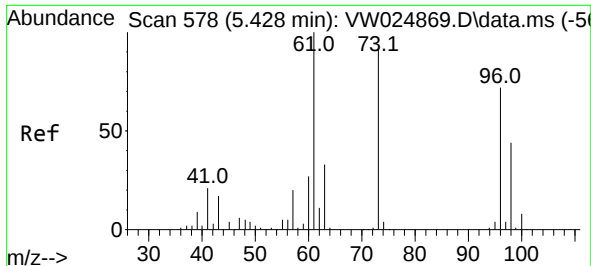
Tgt Ion: 43 Resp: 69039
Ion Ratio Lower Upper
43 100
74 22.7 19.0 28.6



#16
Methylene chloride
Concen: 24.296 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

Tgt Ion: 84 Resp: 198805
Ion Ratio Lower Upper
84 100
86 63.1 45.5 84.5
49 127.4 90.9 168.9

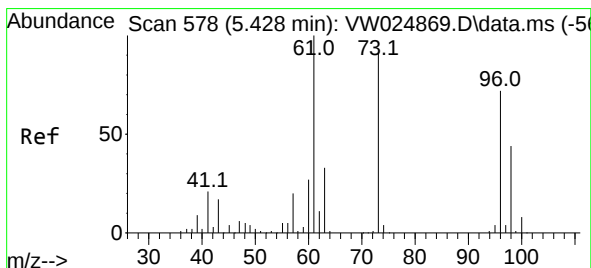
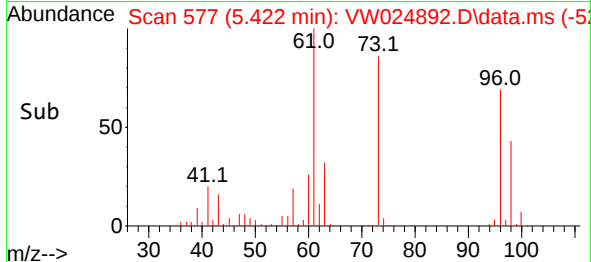
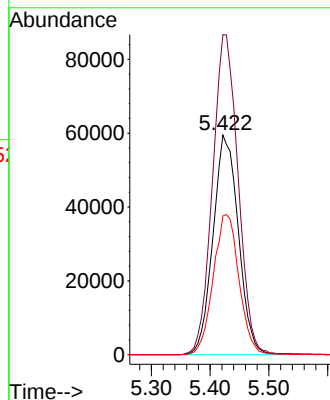
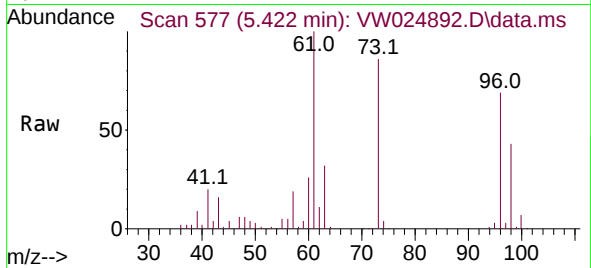




#17
trans-1,2-Dichloroethene
Concen: 26.113 ug/L
RT: 5.422 min Scan# 517
Delta R.T. -0.006 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

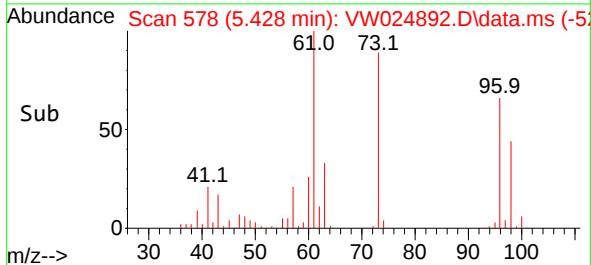
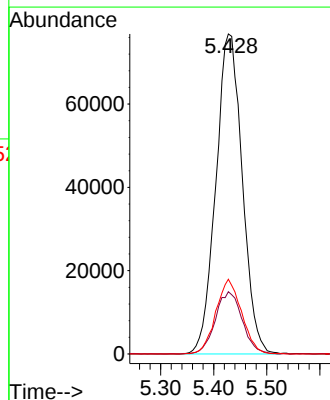
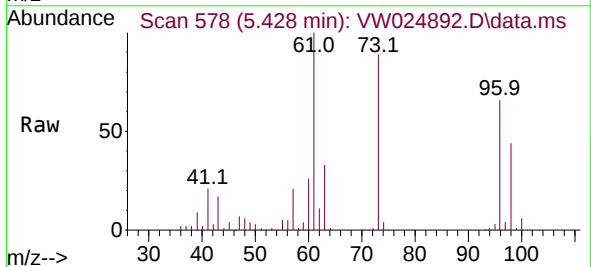
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

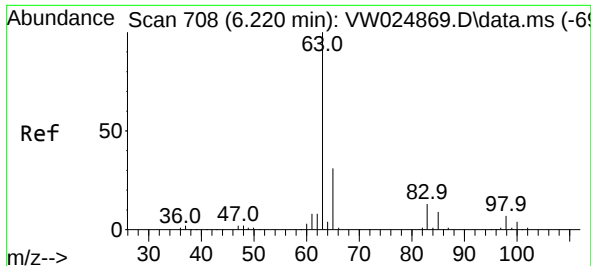
Tgt Ion: 96 Resp: 178462
Ion Ratio Lower Upper
96 100
61 145.8 102.2 189.8
98 63.2 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 26.175 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

Tgt Ion: 73 Resp: 265831
Ion Ratio Lower Upper
73 100
43 19.8 15.8 23.6
57 22.7 18.2 27.4

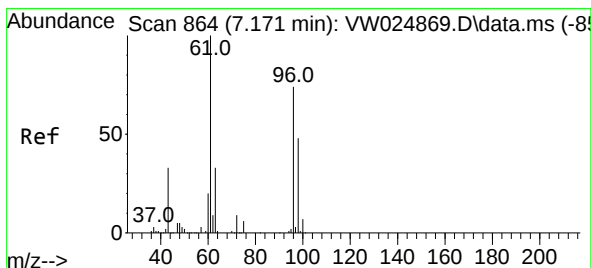
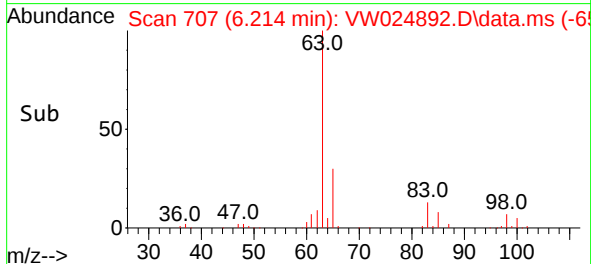
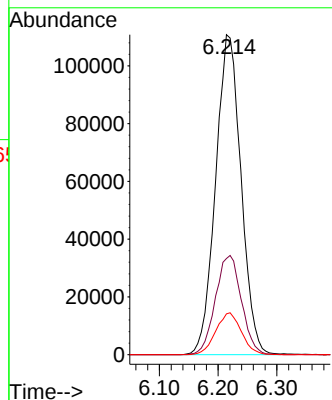
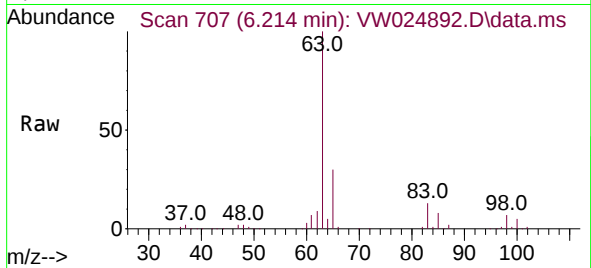




#19
1,1-Dichloroethane
Concen: 26.309 ug/L
RT: 6.214 min Scan# 708
Delta R.T. -0.006 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

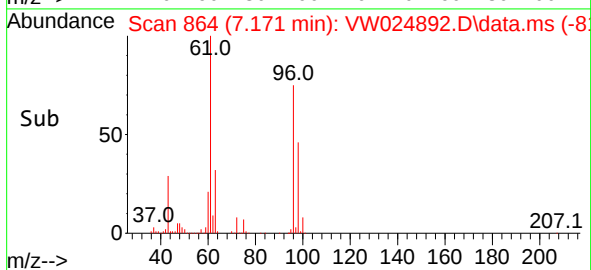
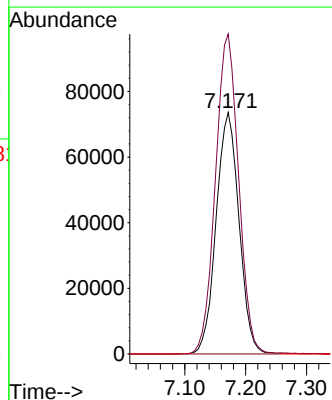
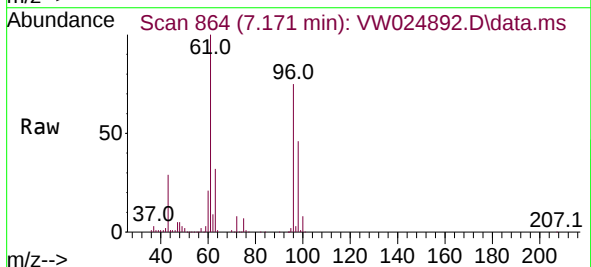
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

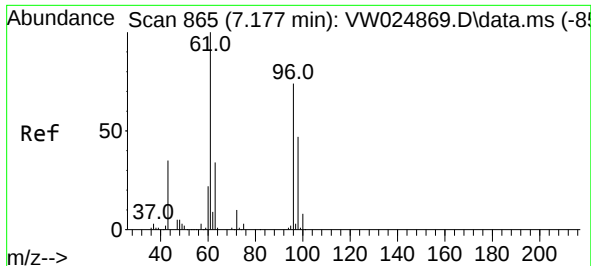
Tgt Ion: 63 Resp: 332657
Ion Ratio Lower Upper
63 100
65 30.0 22.4 41.6
83 12.8 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 26.003 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

Tgt Ion: 96 Resp: 192066
Ion Ratio Lower Upper
96 100
61 132.5 90.9 168.7
68 0.0 0.0 0.0

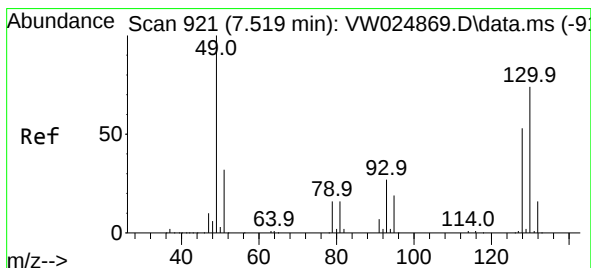
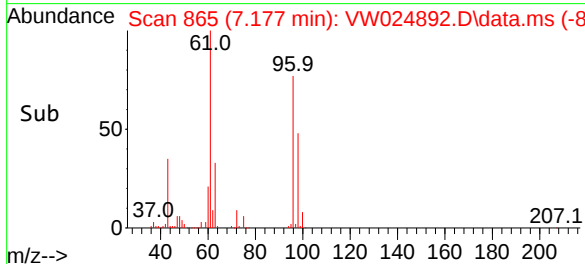
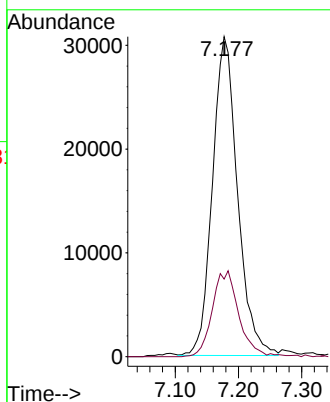
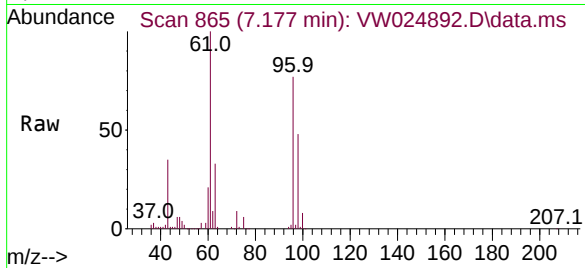




#22
2-Butanone
Concen: 41.807 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

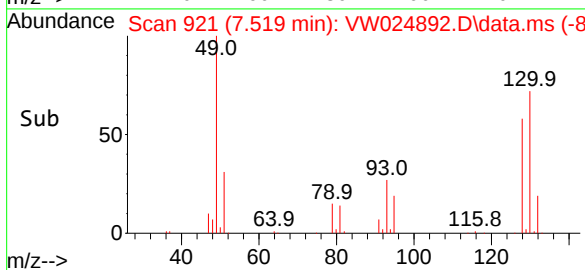
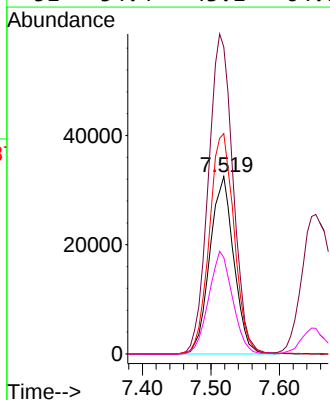
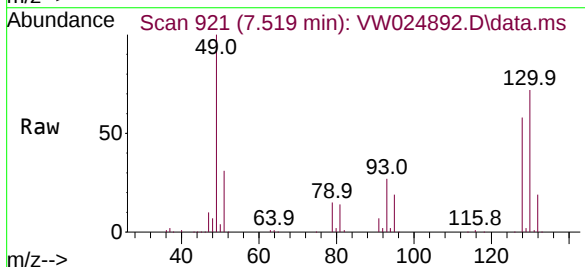
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

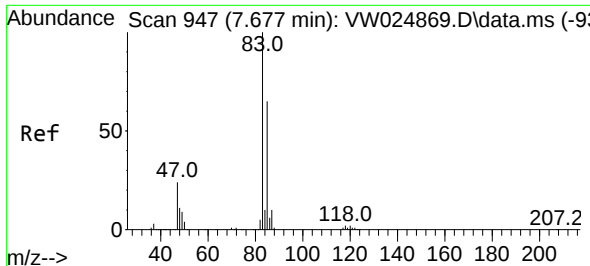
Tgt Ion: 43 Resp: 84547
Ion Ratio Lower Upper
43 100
72 28.0 14.1 42.3



#23
Bromochloromethane
Concen: 26.132 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

Tgt Ion: 128 Resp: 78951
Ion Ratio Lower Upper
128 100
49 172.9 122.7 227.9
130 124.1 86.0 159.8
51 54.4 43.1 64.7

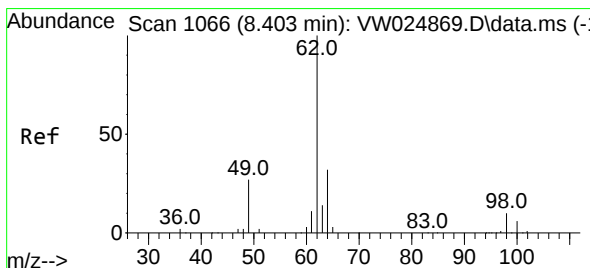
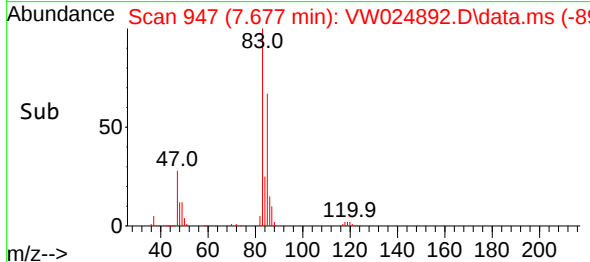
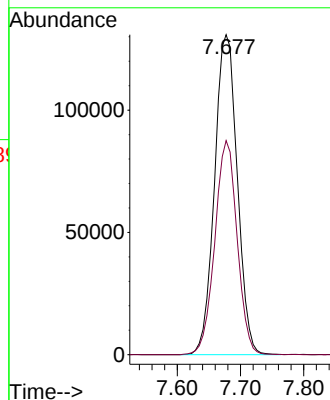
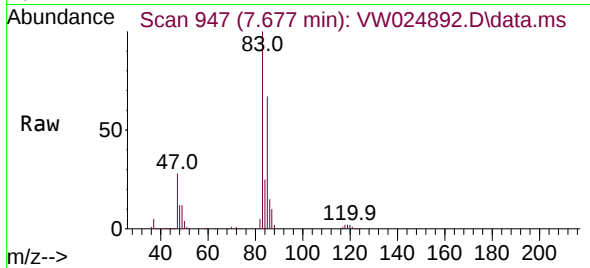




#25
Chloroform
Concen: 26.284 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

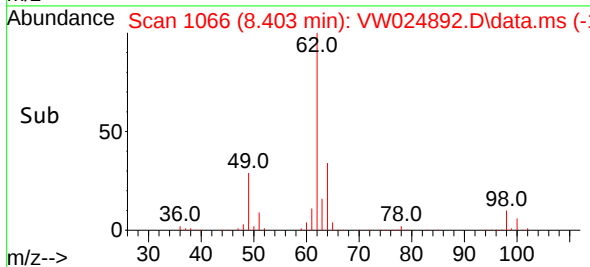
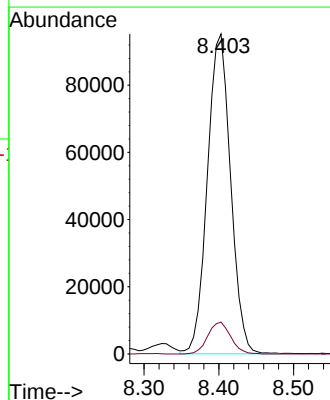
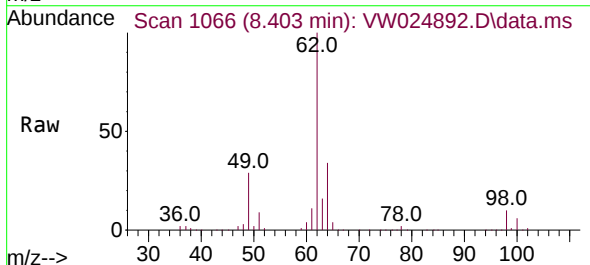
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

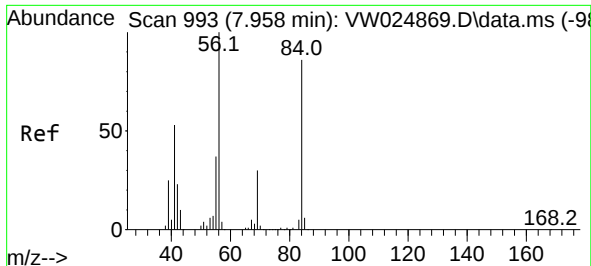
Tgt Ion: 83 Resp: 326208
Ion Ratio Lower Upper
83 100
85 66.9 45.3 84.1



#27
1,2-Dichloroethane
Concen: 25.667 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

Tgt Ion: 62 Resp: 205988
Ion Ratio Lower Upper
62 100
98 9.9 7.8 11.6





#29

Cyclohexane

Concen: 26.093 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW024892.D

Acq: 12 Oct 2022 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025596

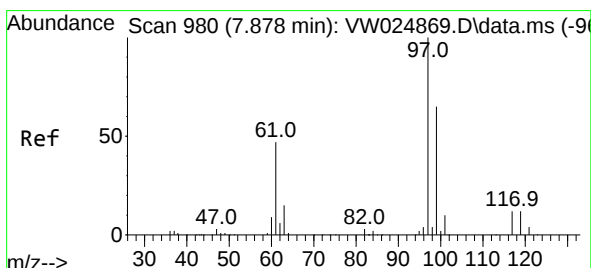
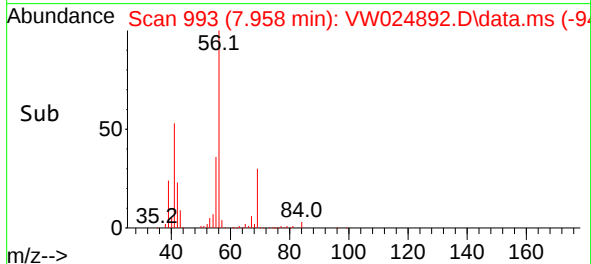
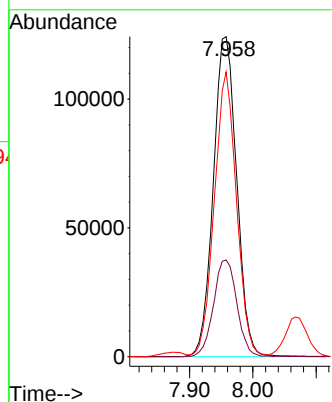
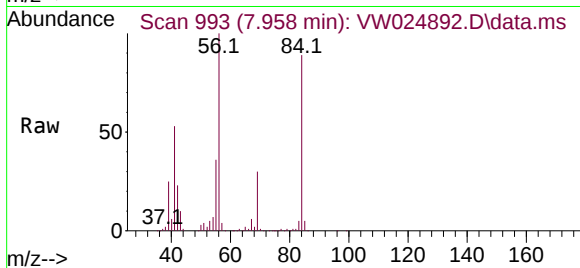
Tgt Ion: 56 Resp: 318005

Ion Ratio Lower Upper

56 100

69 30.1 24.2 36.2

84 84.5 67.7 101.5



#30

1,1,1-Trichloroethane

Concen: 26.669 ug/L

RT: 7.878 min Scan# 980

Delta R.T. -0.000 min

Lab File: VW024892.D

Acq: 12 Oct 2022 22:47

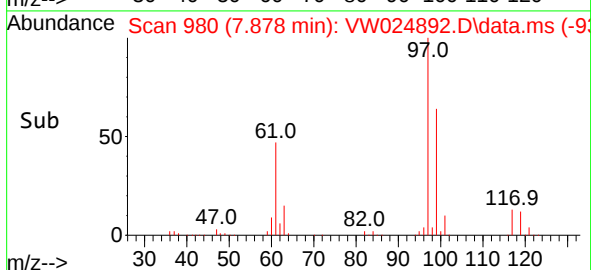
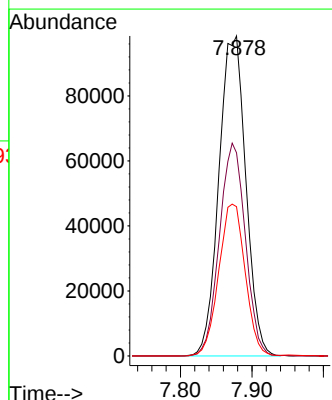
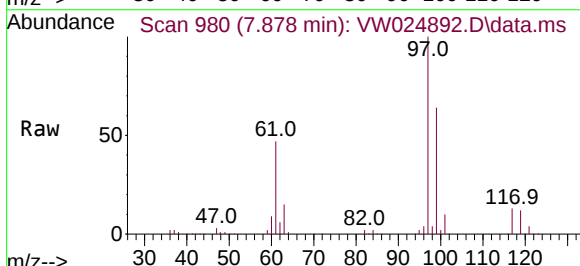
Tgt Ion: 97 Resp: 257382

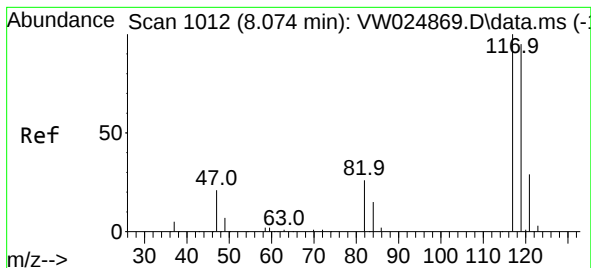
Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

61 46.7 37.3 55.9

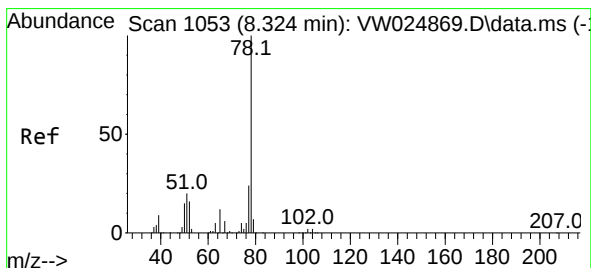
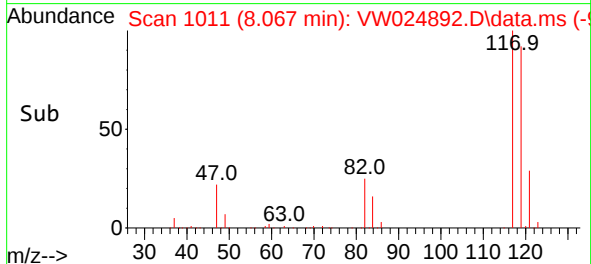
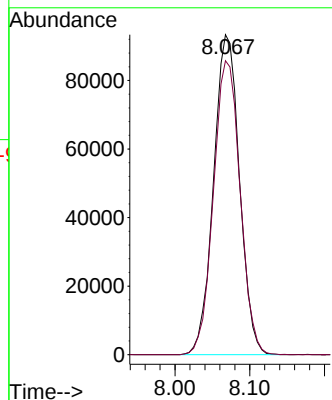
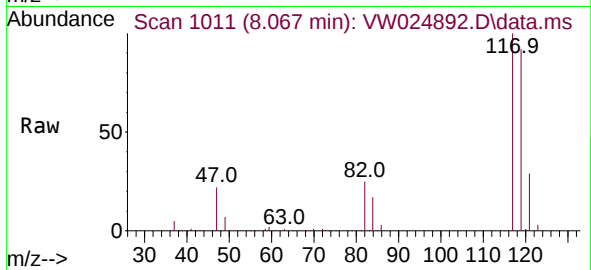




#31
Carbon tetrachloride
Concen: 26.585 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

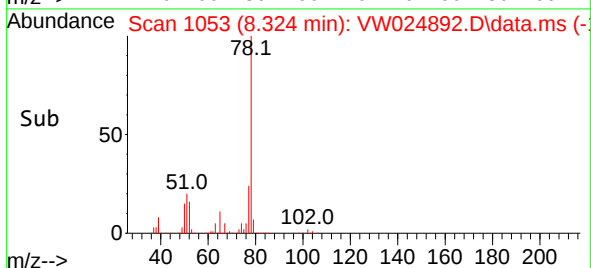
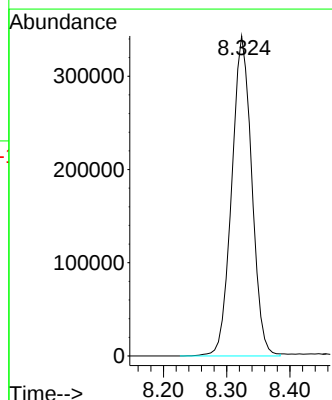
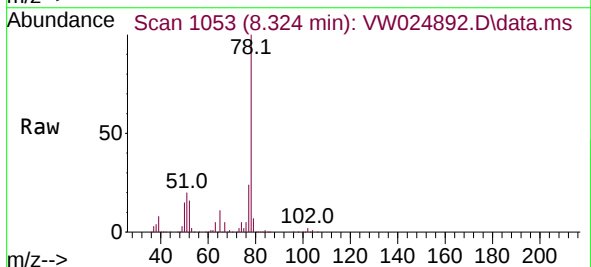
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

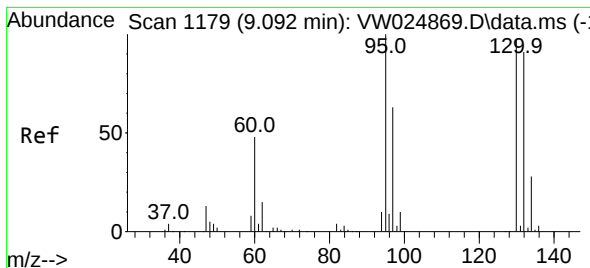
Tgt Ion:117 Resp: 225272
Ion Ratio Lower Upper
117 100
119 94.6 75.1 112.7



#33
Benzene
Concen: 26.510 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

Tgt Ion: 78 Resp: 756835





#34

Trichloroethene

Concen: 26.509 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW024892.D

Acq: 12 Oct 2022 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025596

Tgt Ion: 95 Resp: 190596

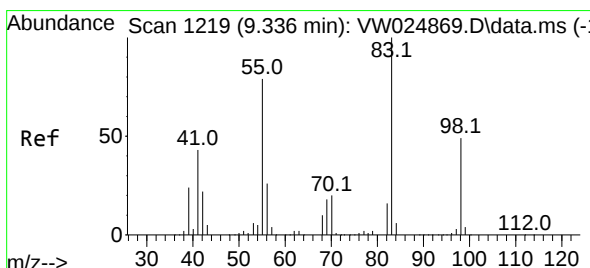
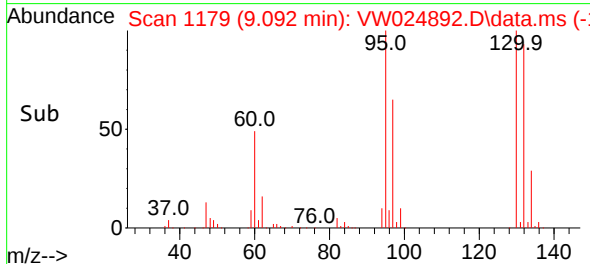
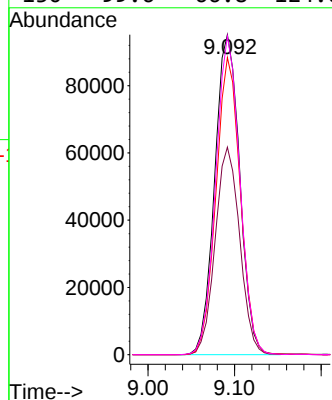
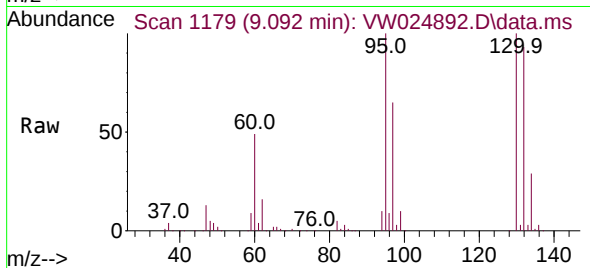
Ion Ratio Lower Upper

95 100

97 64.9 44.2 82.0

132 92.9 62.9 116.7

130 99.6 66.8 124.0



#35

Methylcyclohexane

Concen: 26.285 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW024892.D

Acq: 12 Oct 2022 22:47

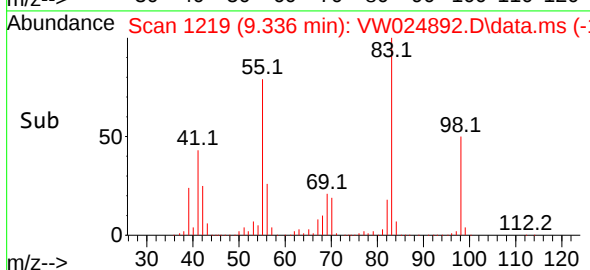
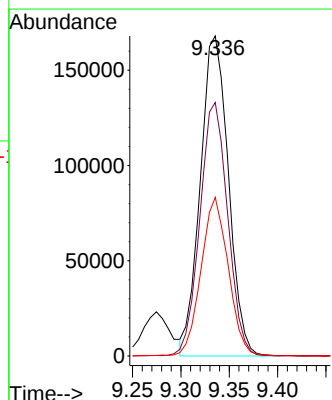
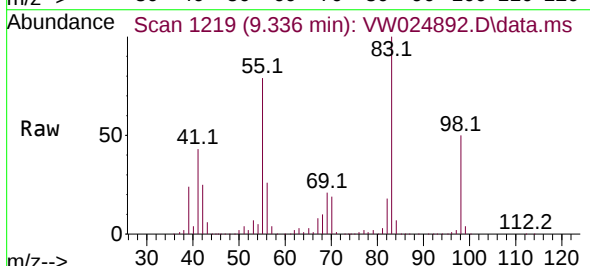
Tgt Ion: 83 Resp: 340119

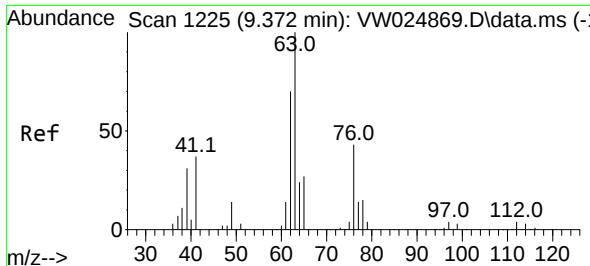
Ion Ratio Lower Upper

83 100

55 78.4 62.5 93.7

98 47.9 37.2 55.8





#37

1,2-Dichloropropane

Concen: 26.575 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW024892.D

Acq: 12 Oct 2022 22:47

Instrument :

MSVOA_W

ClientSampleId :

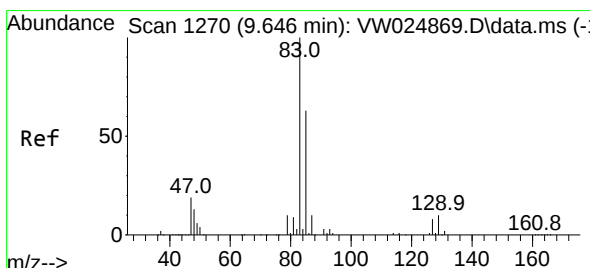
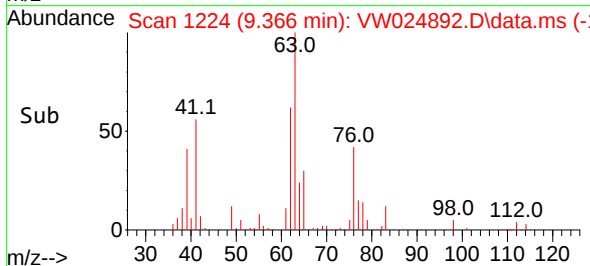
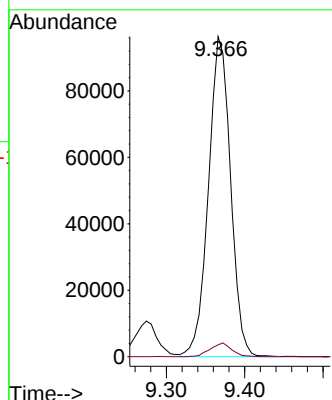
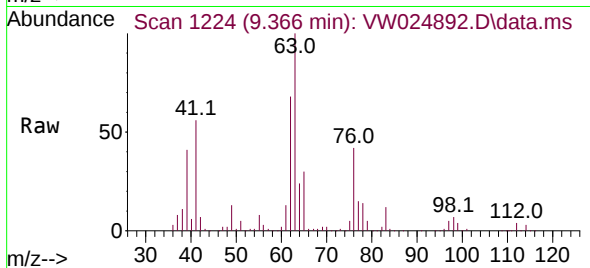
VSTD025596

Tgt Ion: 63 Resp: 189077

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 26.302 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024892.D

Acq: 12 Oct 2022 22:47

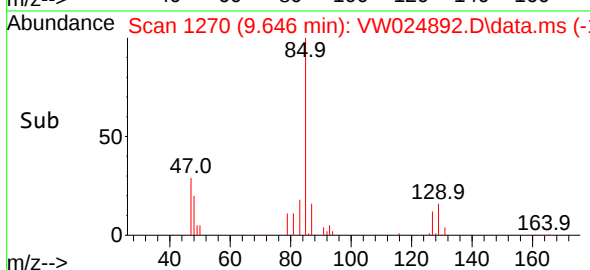
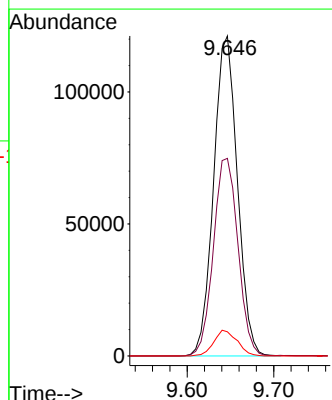
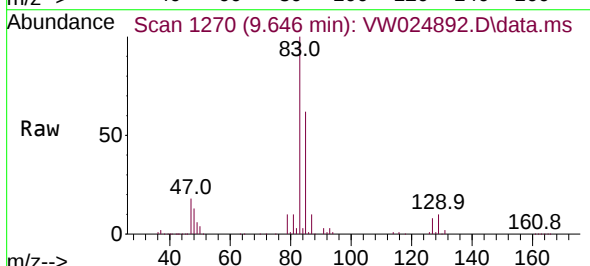
Tgt Ion: 83 Resp: 231221

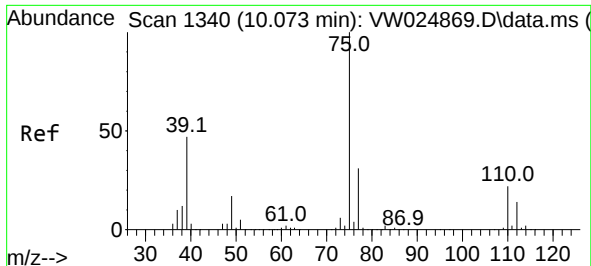
Ion Ratio Lower Upper

83 100

85 61.8 43.6 81.0

127 7.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 26.680 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024892.D

Acq: 12 Oct 2022 22:47

Instrument :

MSVOA_W

ClientSampleId :

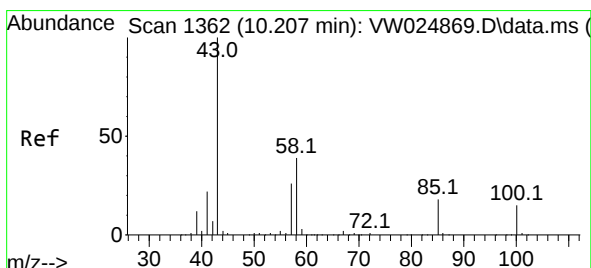
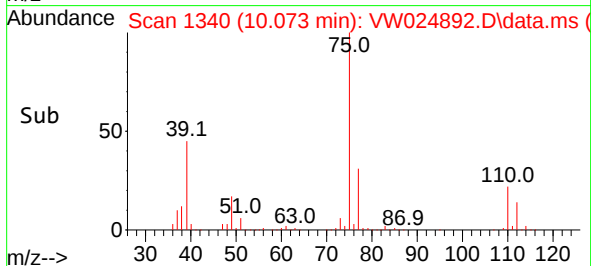
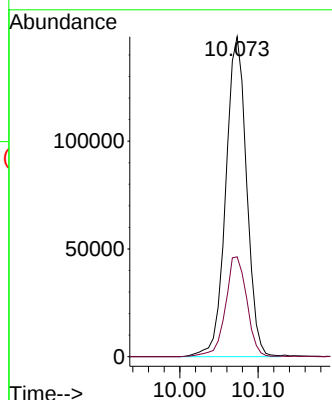
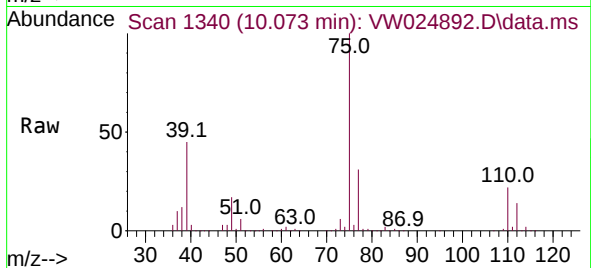
VSTD025596

Tgt Ion: 75 Resp: 274382

Ion Ratio Lower Upper

75 100

77 31.2 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 46.987 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024892.D

Acq: 12 Oct 2022 22:47

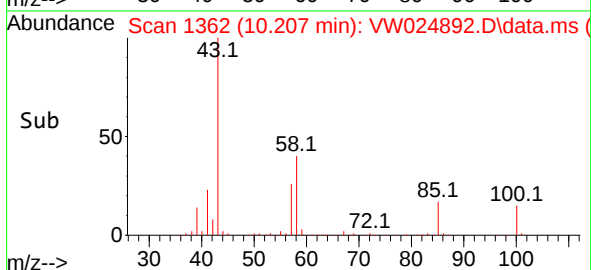
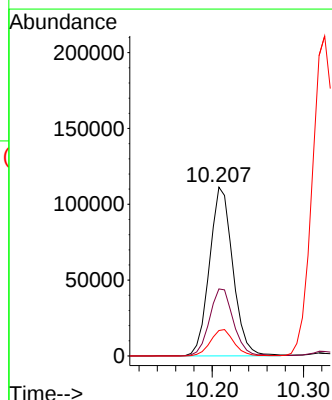
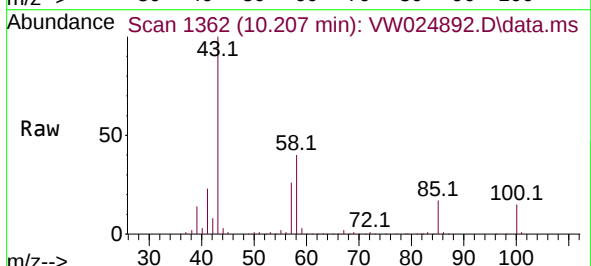
Tgt Ion: 43 Resp: 197592

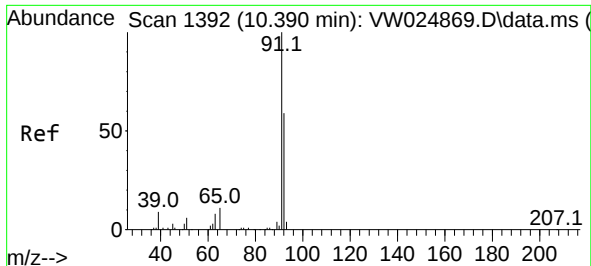
Ion Ratio Lower Upper

43 100

58 40.6 32.1 48.1

100 15.8 12.8 19.2

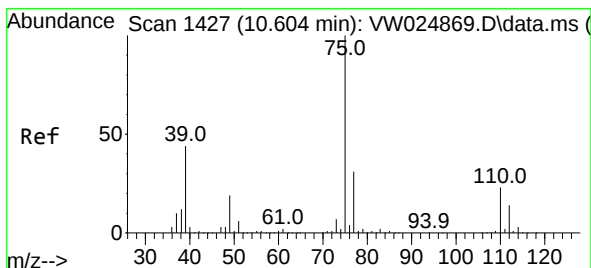
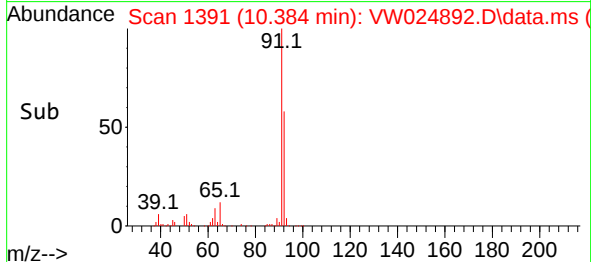
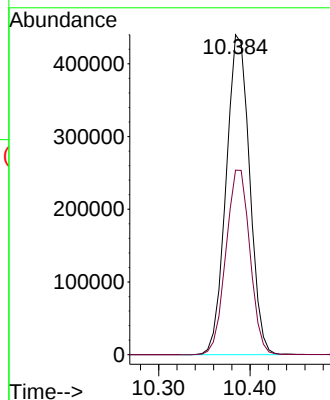
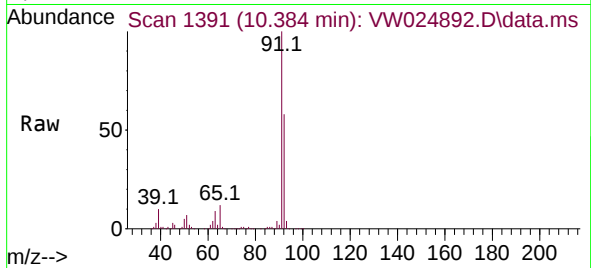




#42
Toluene
Concen: 26.856 ug/L
RT: 10.384 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

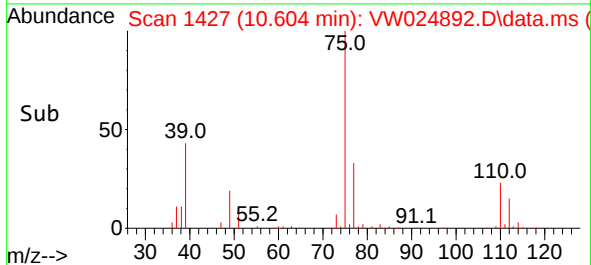
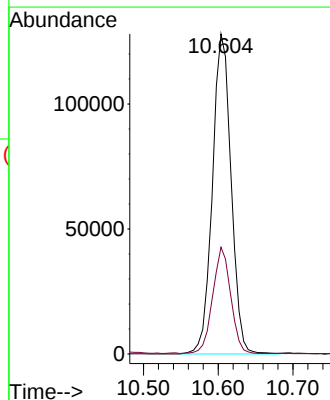
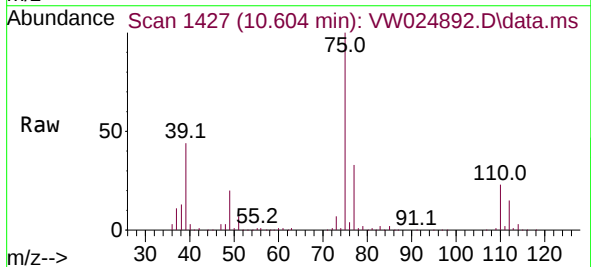
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

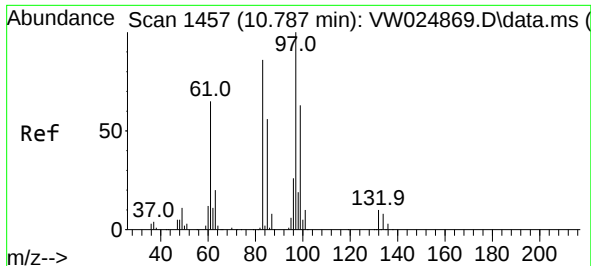
Tgt Ion: 91 Resp: 786099
Ion Ratio Lower Upper
91 100
92 57.7 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 26.079 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

Tgt Ion: 75 Resp: 222667
Ion Ratio Lower Upper
75 100
77 33.3 23.0 42.6



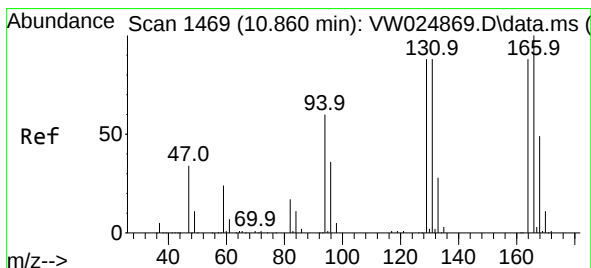
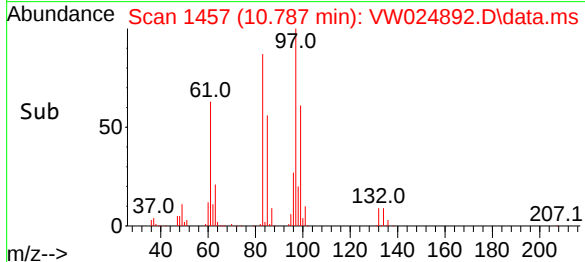
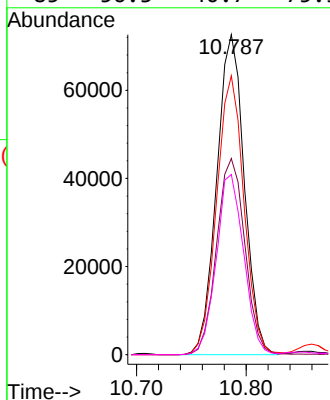
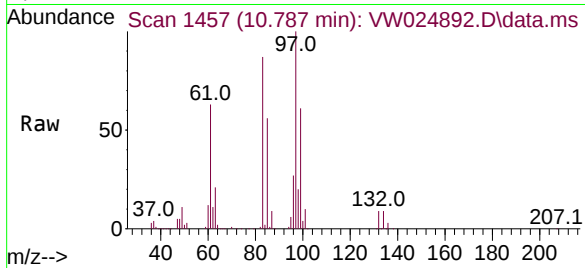


#45
1,1,2-Trichloroethane
Concen: 25.543 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

Tgt Ion: 97 Resp: 126941

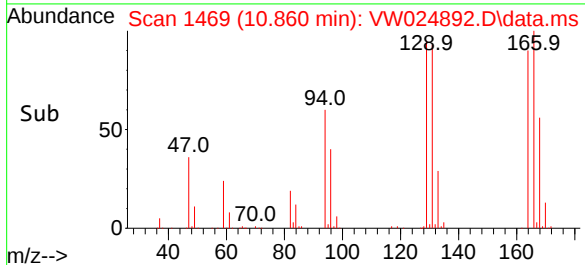
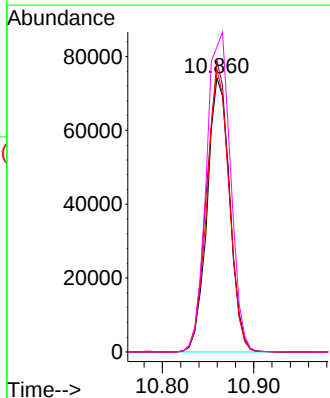
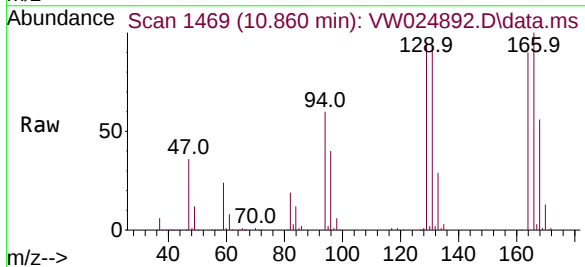
Ion	Ratio	Lower	Upper
97	100		
99	61.3	44.7	83.1
83	87.1	59.6	110.8
85	56.3	40.7	75.5

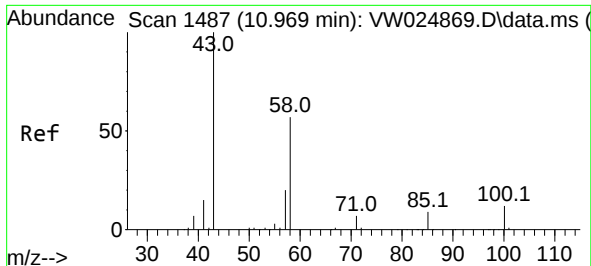


#46
Tetrachloroethene
Concen: 26.086 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

Tgt Ion: 164 Resp: 127526

Ion	Ratio	Lower	Upper
164	100		
129	106.0	78.7	146.1
131	103.0	71.1	132.1
166	111.2	78.8	146.4

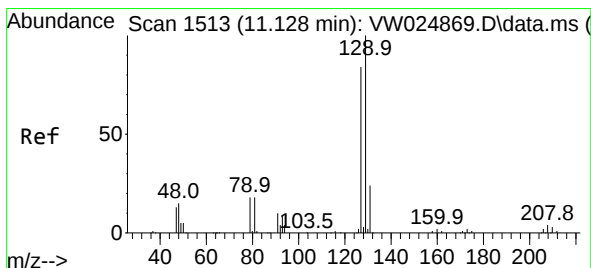
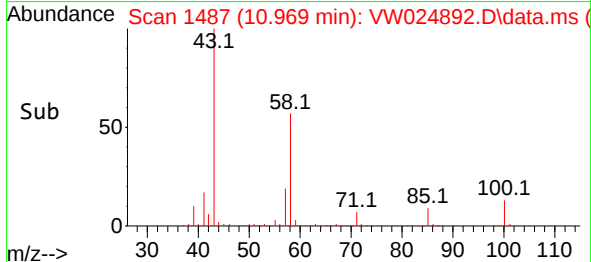
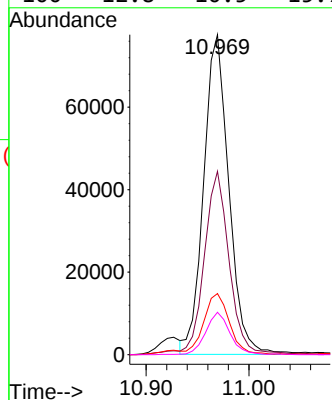
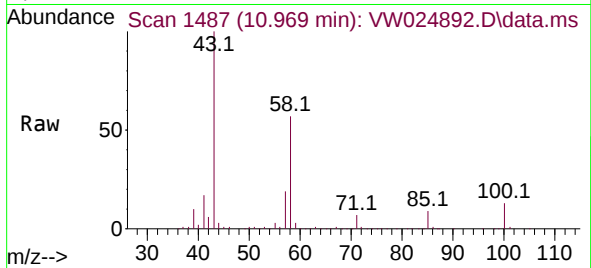




#48
2-Hexanone
Concen: 46.189 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

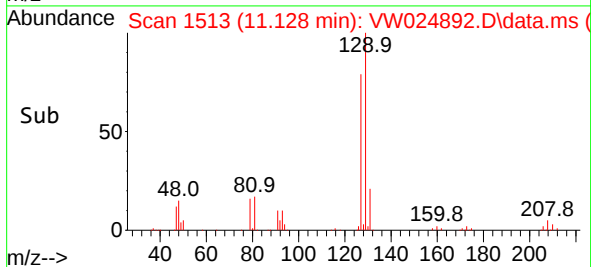
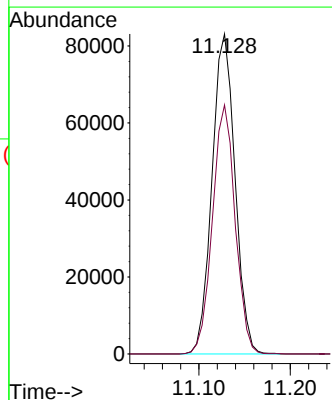
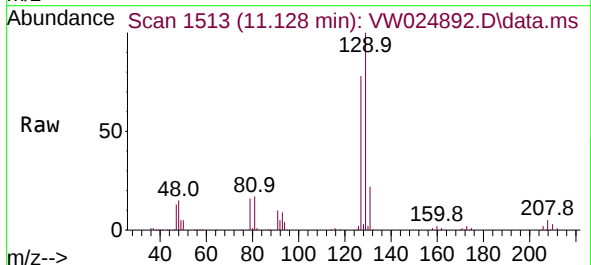
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

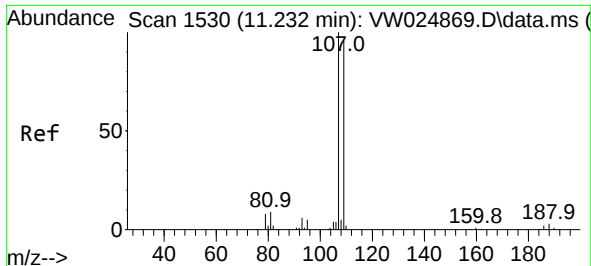
Tgt Ion:	43	Resp:	131697
Ion	Ratio	Lower	Upper
43	100		
58	56.3	47.0	70.6
57	19.5	16.0	24.0
100	12.8	10.5	15.7



#49
Dibromochloromethane
Concen: 26.407 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

Tgt Ion:	129	Resp:	145279
Ion	Ratio	Lower	Upper
129	100		
127	77.8	53.9	100.1

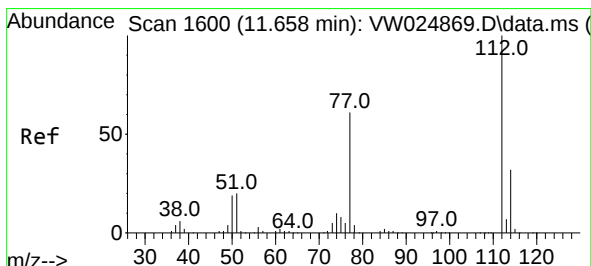
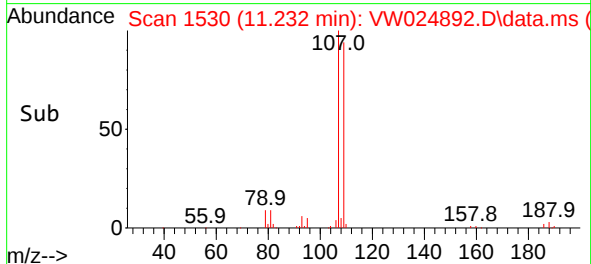
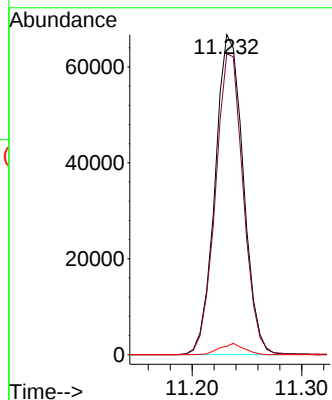
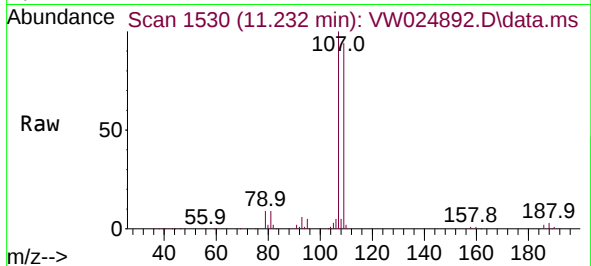




#50
1,2-Dibromoethane
Concen: 25.419 ug/L
RT: 11.232 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

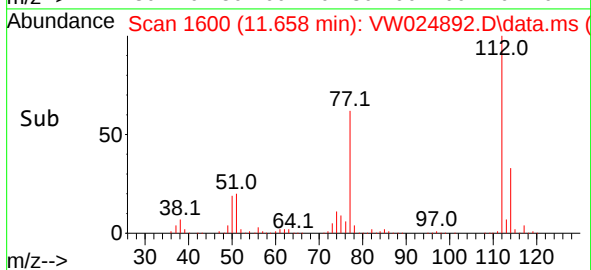
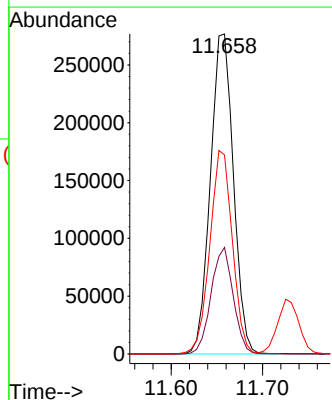
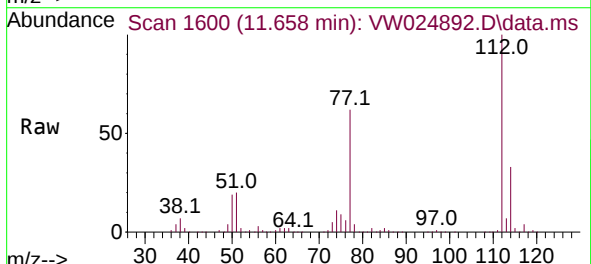
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

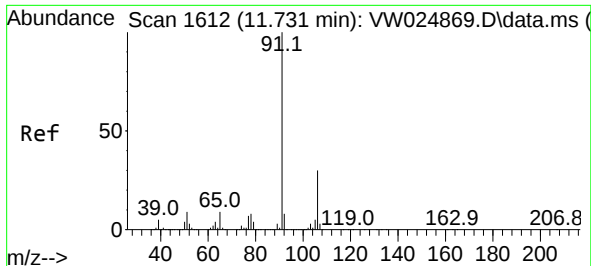
Tgt Ion:	107	Resp:	119005
Ion	Ratio	Lower	Upper
107	100		
109	94.0	62.8	116.6
188	2.6	2.2	3.2



#51
Chlorobenzene
Concen: 26.332 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

Tgt Ion:	112	Resp:	484431
Ion	Ratio	Lower	Upper
112	100		
114	33.3	22.7	42.3
77	62.2	49.8	74.8

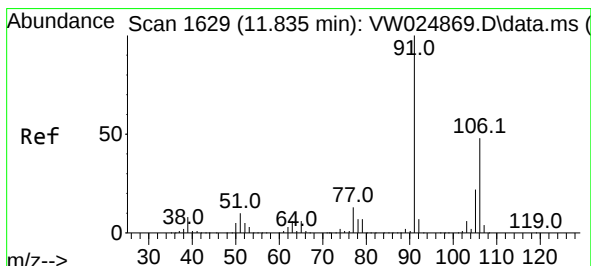
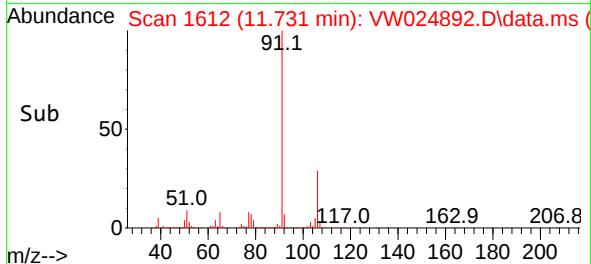
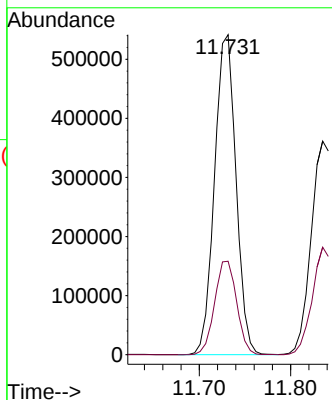
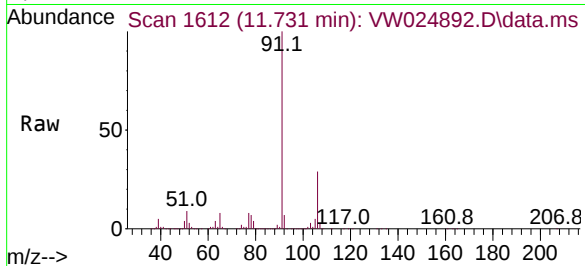




#52
Ethylbenzene
Concen: 26.993 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

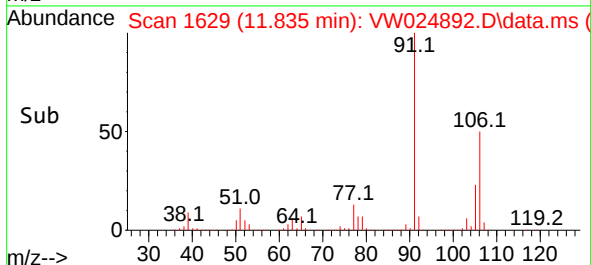
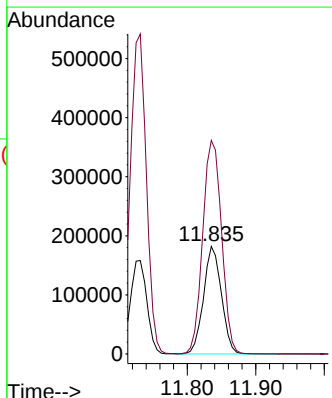
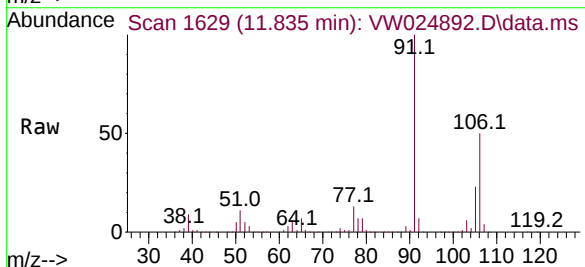
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

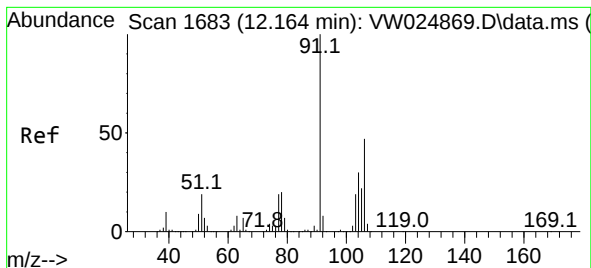
Tgt Ion: 91 Resp: 884767
Ion Ratio Lower Upper
91 100
106 29.2 20.1 37.3



#53
m,p-Xylene
Concen: 26.470 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

Tgt Ion: 106 Resp: 329631
Ion Ratio Lower Upper
106 100
91 198.7 147.4 273.8





#54

o-Xylene

Concen: 26.897 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024892.D

Acq: 12 Oct 2022 22:47

Instrument :

MSVOA_W

ClientSampleId :

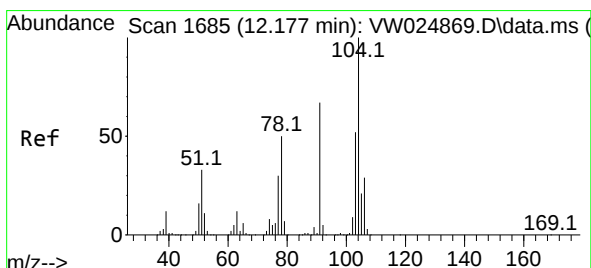
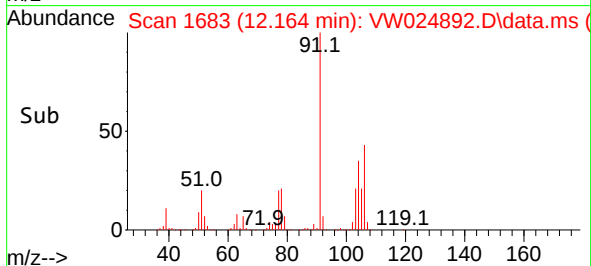
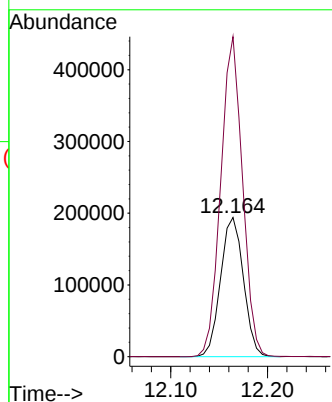
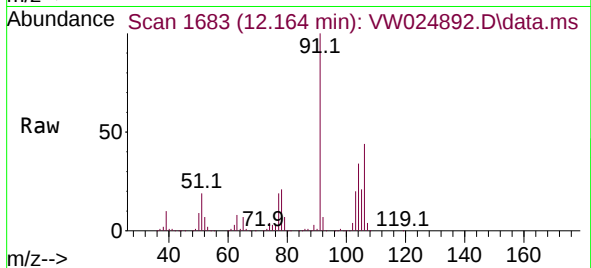
VSTD025596

Tgt Ion:106 Resp: 318924

Ion Ratio Lower Upper

106 100

91 229.8 151.0 280.4



#55

Styrene

Concen: 27.387 ug/L

RT: 12.177 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024892.D

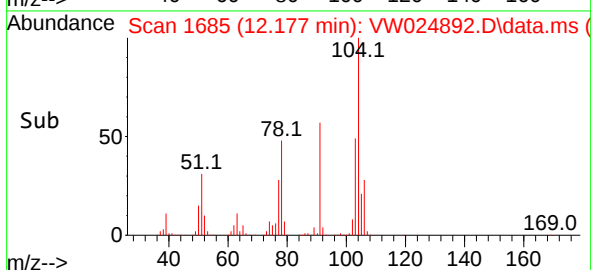
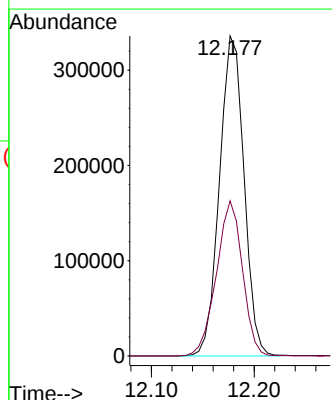
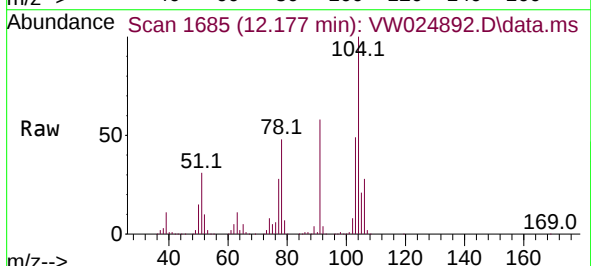
Acq: 12 Oct 2022 22:47

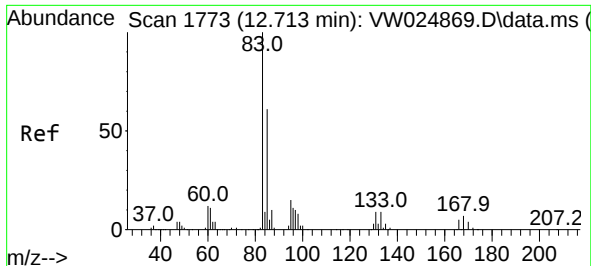
Tgt Ion:104 Resp: 556976

Ion Ratio Lower Upper

104 100

78 48.4 32.6 60.5

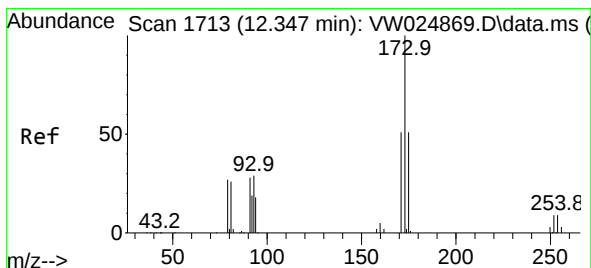
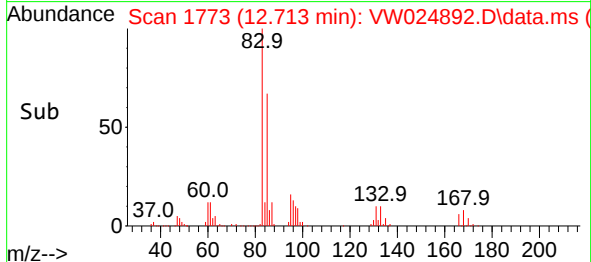
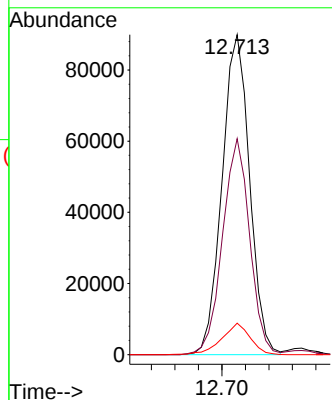
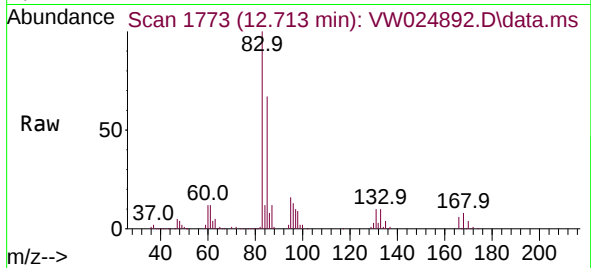




#57
1,1,2-Tetrachloroethane
Concen: 24.166 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

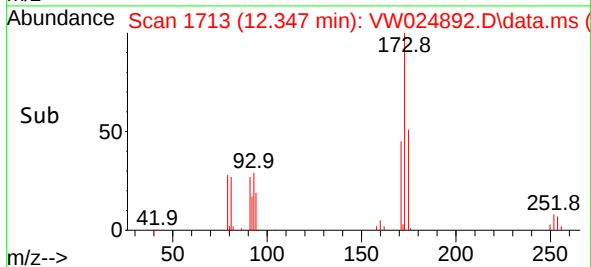
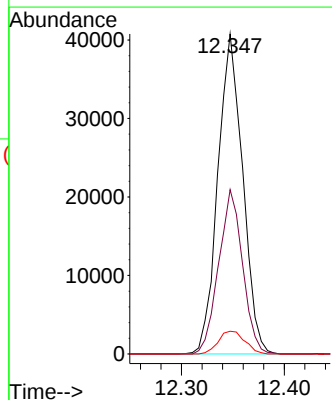
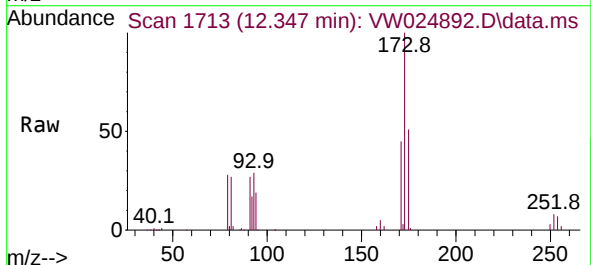
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

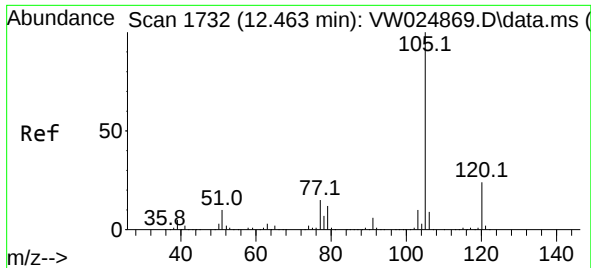
Tgt Ion:	83	Resp:	146529
Ion Ratio	Lower	Upper	
83	100		
85	67.5	44.5	82.7
131	9.9	6.8	10.2



#59
Bromoform
Concen: 24.887 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

Tgt Ion:	173	Resp:	68293
Ion Ratio	Lower	Upper	
173	100		
175	49.5	38.6	58.0
254	7.6	4.8	7.2#

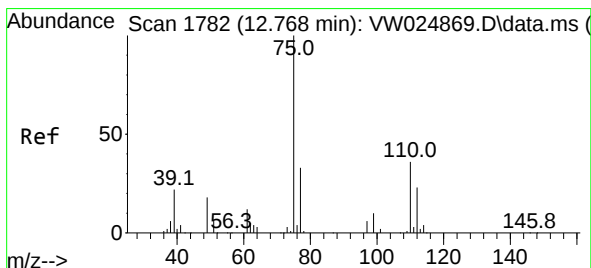
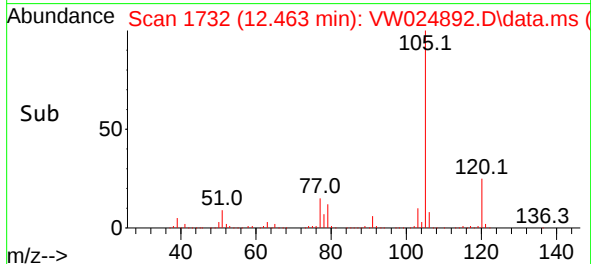
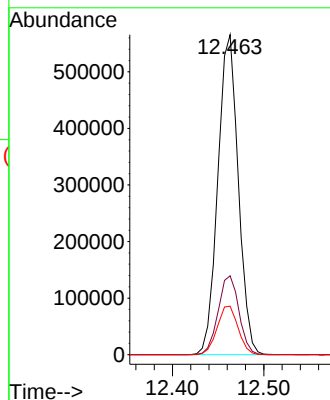
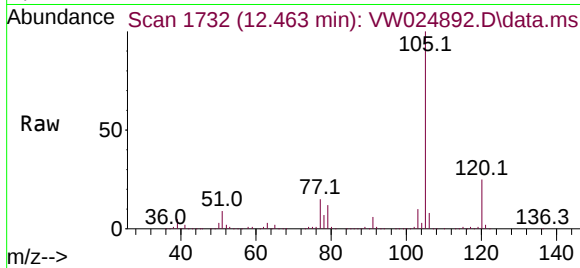




#60
Isopropylbenzene
Concen: 26.549 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

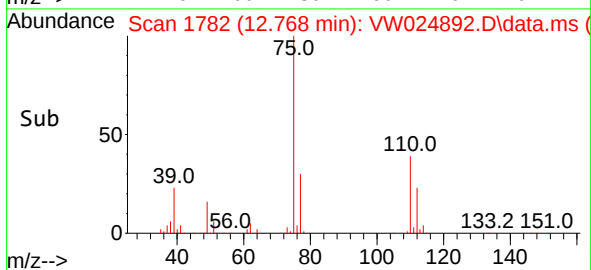
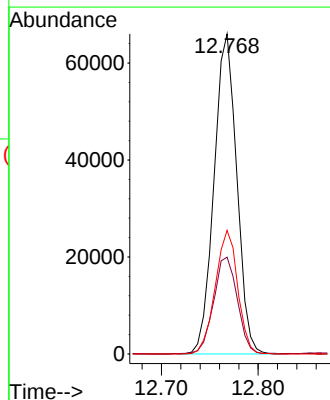
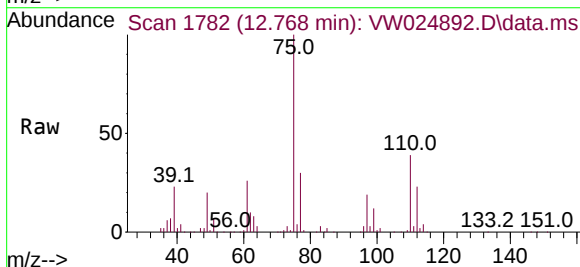
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

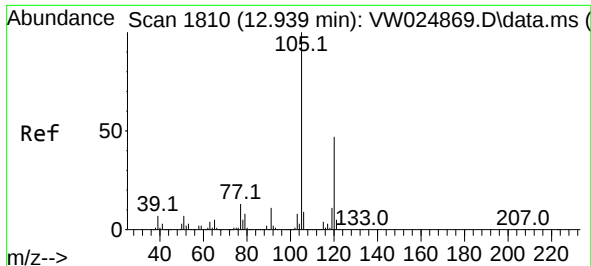
Tgt Ion:105 Resp: 878257
Ion Ratio Lower Upper
105 100
120 25.1 20.5 30.7
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 23.871 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

Tgt Ion: 75 Resp: 107638
Ion Ratio Lower Upper
75 100
77 31.7 26.4 39.6
110 38.1 30.8 46.2

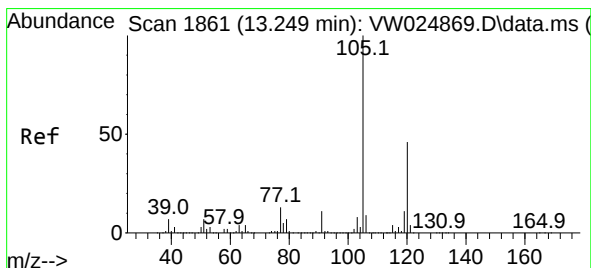
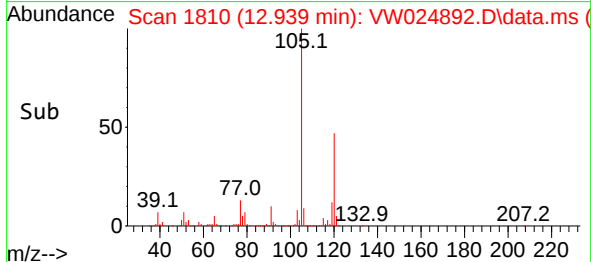
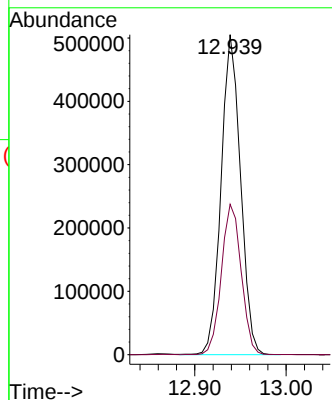
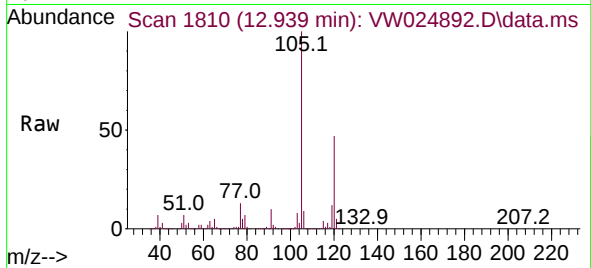




#62
1,3,5-Trimethylbenzene
Concen: 26.299 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

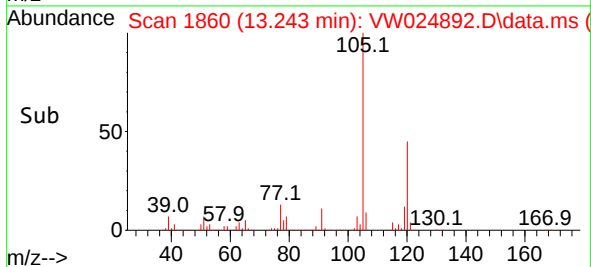
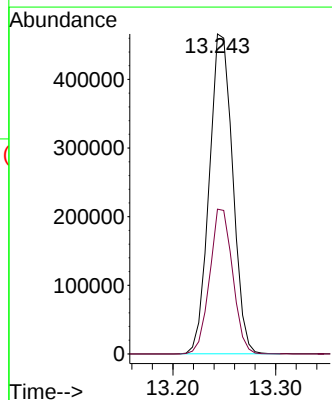
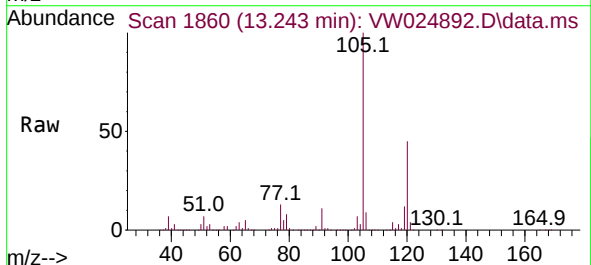
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

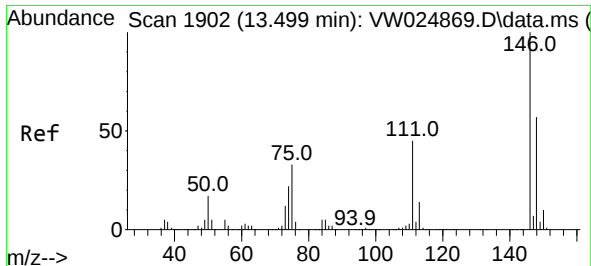
Tgt Ion:105 Resp: 746949
Ion Ratio Lower Upper
105 100
120 47.8 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 26.910 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

Tgt Ion:105 Resp: 736917
Ion Ratio Lower Upper
105 100
120 44.4 34.8 52.2

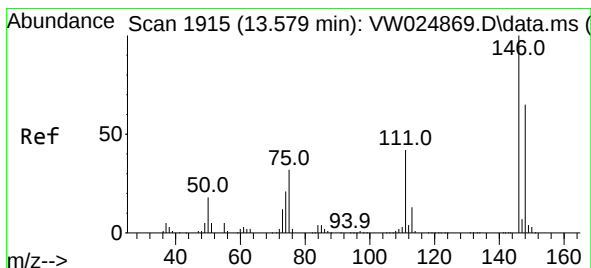
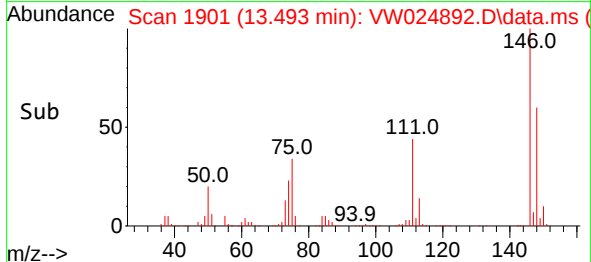
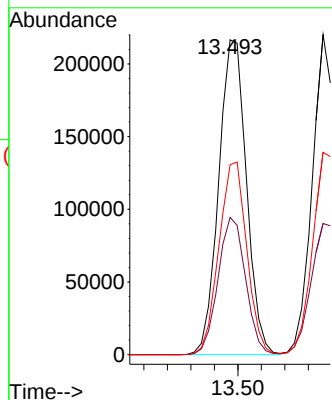
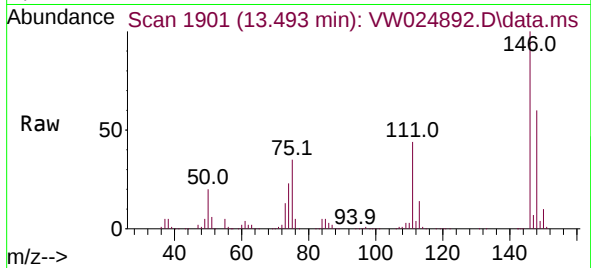




#64
1,3-Dichlorobenzene
Concen: 26.404 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

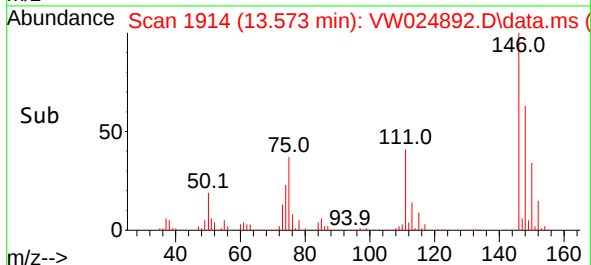
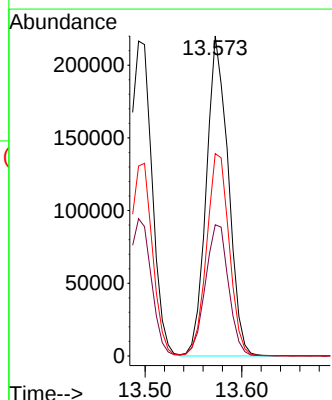
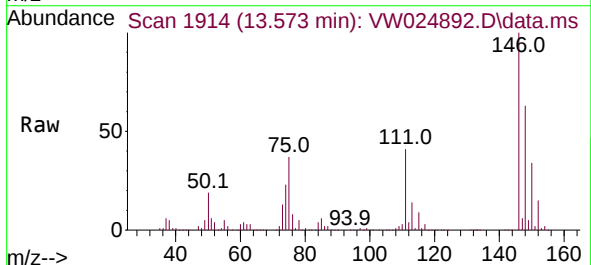
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

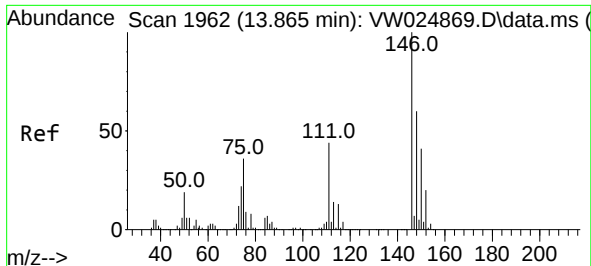
Tgt Ion:146 Resp: 355718
Ion Ratio Lower Upper
146 100
111 43.6 31.7 58.9
148 60.3 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 25.401 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

Tgt Ion:146 Resp: 346404
Ion Ratio Lower Upper
146 100
111 41.0 27.4 50.8
148 63.3 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 26.018 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024892.D

Acq: 12 Oct 2022 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025596

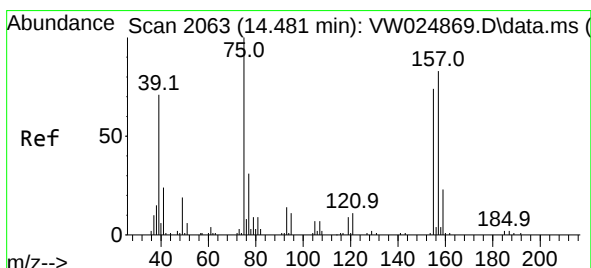
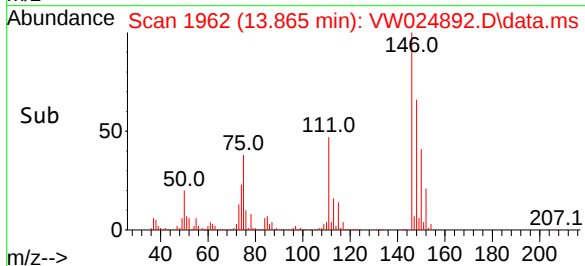
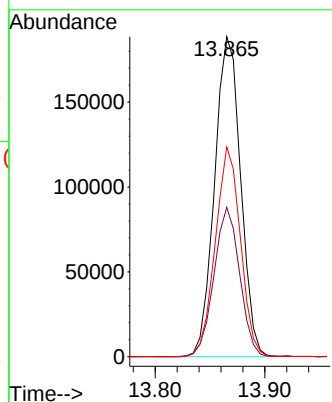
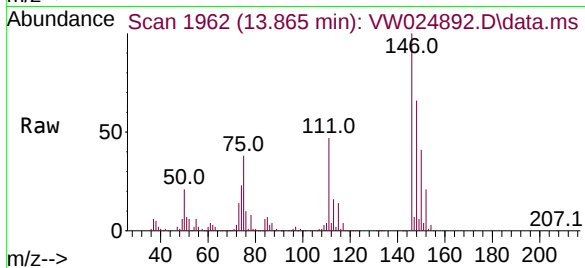
Tgt Ion:146 Resp: 311558

Ion Ratio Lower Upper

146 100

111 46.7 36.9 55.3

148 65.6 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 21.793 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024892.D

Acq: 12 Oct 2022 22:47

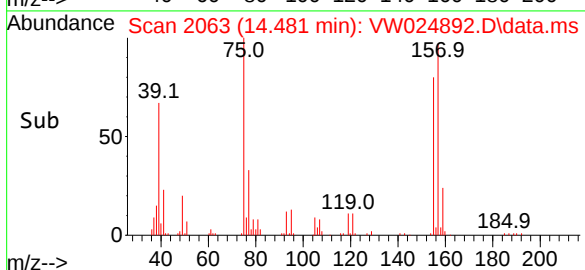
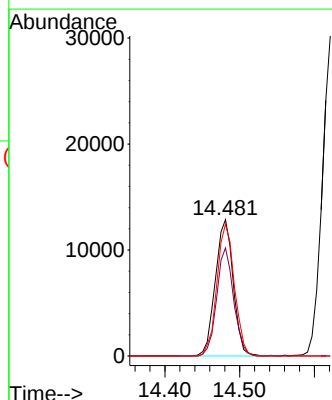
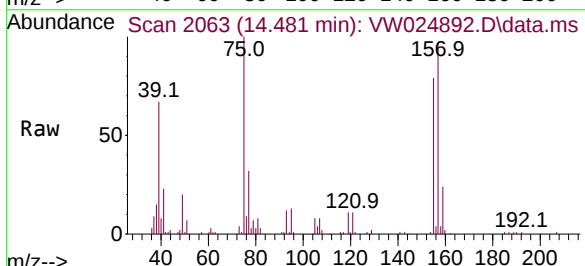
Tgt Ion: 75 Resp: 21360

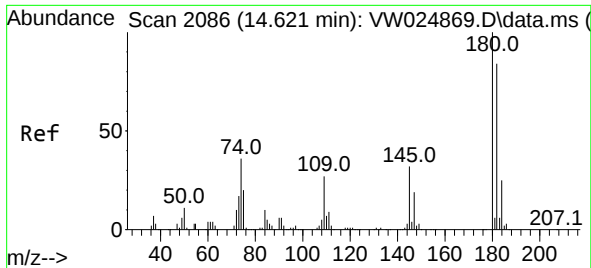
Ion Ratio Lower Upper

75 100

155 79.2 56.2 84.4

157 96.7 74.6 111.8

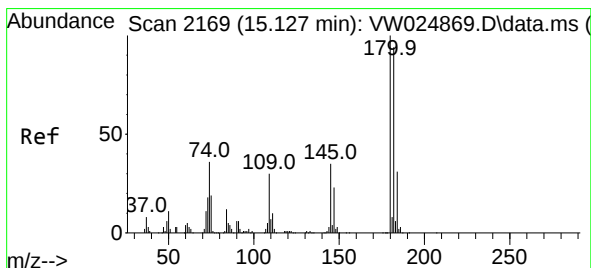
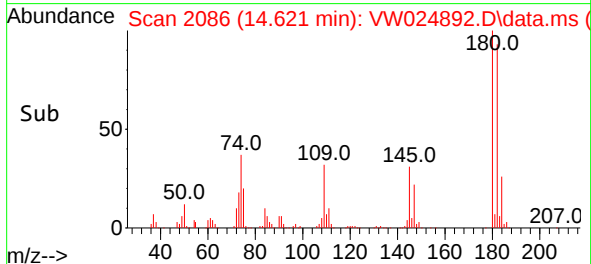
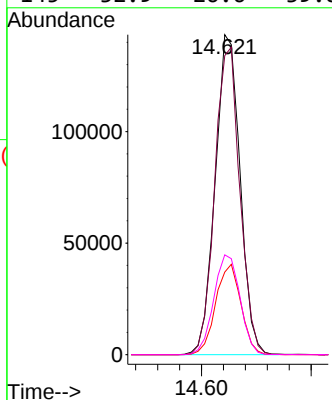
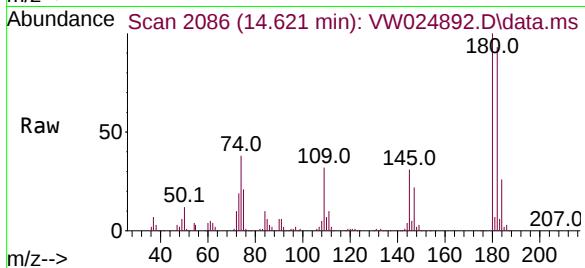




#69
1,3,5-Trichlorobenzene
Concen: 25.729 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. 0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

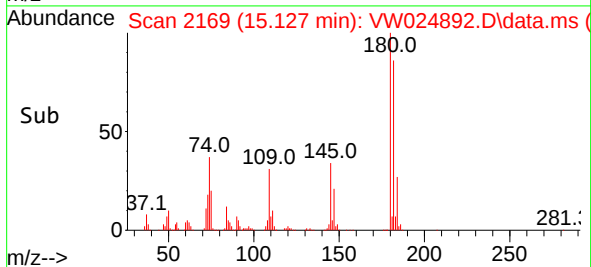
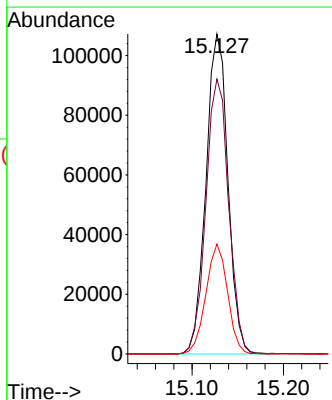
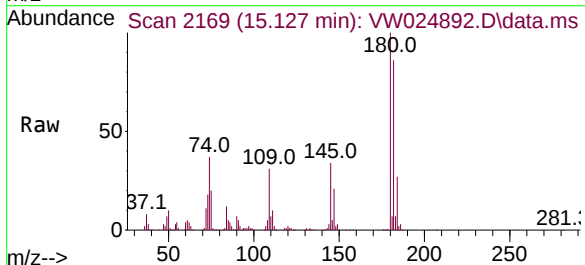
Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

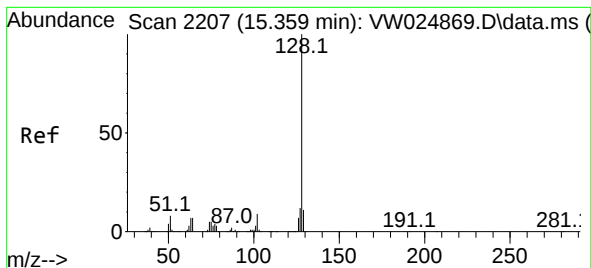
Tgt Ion:	180	Resp:	226320
Ion Ratio	Lower	Upper	
180	100		
182	96.8	75.0	112.6
184	28.7	22.9	34.3
145	32.9	26.6	39.8



#70
1,2,4-trichlorobenzene
Concen: 25.161 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW024892.D
Acq: 12 Oct 2022 22:47

Tgt Ion:	180	Resp:	179570
Ion Ratio	Lower	Upper	
180	100		
182	89.1	77.7	116.5
145	33.8	29.0	43.4





#71

Naphthalene

Concen: 24.178 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW024892.D

Acq: 12 Oct 2022 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025596

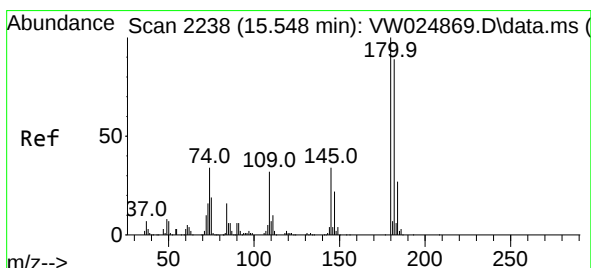
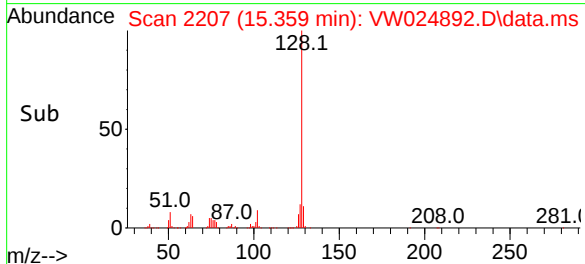
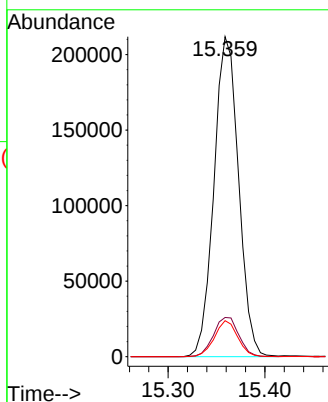
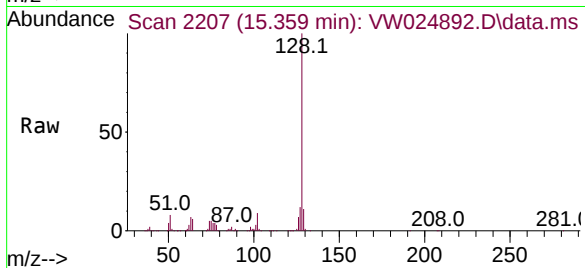
Tgt Ion:128 Resp: 373882

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.7 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 24.868 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW024892.D

Acq: 12 Oct 2022 22:47

Tgt Ion:180 Resp: 151485

Ion Ratio Lower Upper

180 100

182 90.9 75.1 112.7

145 37.3 29.9 44.9

