

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021323\
 Data File : VW025326.D
 Acq On : 13 Feb 2023 08:44
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025536

Quant Time: Feb 13 23:29:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 07 20:11:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	355658	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	311925	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	158074	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	73799	21.443	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.760%
7) Chloroethane-d5	2.899	69	67712	22.158	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.640%
11) 1,1-Dichloroethene-d2	4.021	63	217162	22.756	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.040%
21) 2-Butanone-d5	7.075	46	46526	52.075	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.140%
24) Chloroform-d	7.648	84	226141	24.259	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.040%
26) 1,2-Dichloroethane-d4	8.301	65	113635	25.025	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.120%
32) Benzene-d6	8.276	84	425689	22.517	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.080%
36) 1,2-Dichloropropane-d6	9.270	67	123853	22.390	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.560%
41) Toluene-d8	10.319	98	387610	22.937	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.760%
43) trans-1,3-Dichloroprop...	10.575	79	52094	25.204	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.800%
47) 2-Hexanone-d5	10.922	63	35683	57.535	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.080%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	94982	25.250	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	13.849	152	127365	23.223	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	112933	23.466	ug/L	90
3) Chloromethane	2.229	50	107749	23.325	ug/L	99
5) Vinyl chloride	2.375	62	122891	26.121	ug/L	96
6) Bromomethane	2.790	94	80575	25.013	ug/L	97
8) Chloroethane	2.936	64	77255	26.304	ug/L	100
9) Trichlorofluoromethane	3.271	101	154455	22.824	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	135696	27.653	ug/L	97
12) 1,1-Dichloroethene	4.039	96	129020	26.487	ug/L	97
13) Acetone	4.125	43	59268	60.162	ug/L	99
14) Carbon disulfide	4.387	76	388727	24.420	ug/L	100
15) Methyl Acetate	4.673	43	46316	27.476	ug/L	100
16) Methylene chloride	4.911	84	130257	21.514	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	134052	25.625	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	190239	25.297	ug/L	99
19) 1,1-Dichloroethane	6.216	63	249985	26.837	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	144065	26.228	ug/L	92
22) 2-Butanone	7.167	43	67999	56.761	ug/L	99
23) Bromochloromethane	7.514	128	60713	26.835	ug/L	94
25) Chloroform	7.673	83	255513	26.667	ug/L	97

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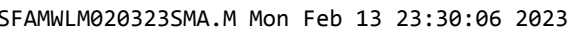
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 ClientSampleId :
 VSTD025536

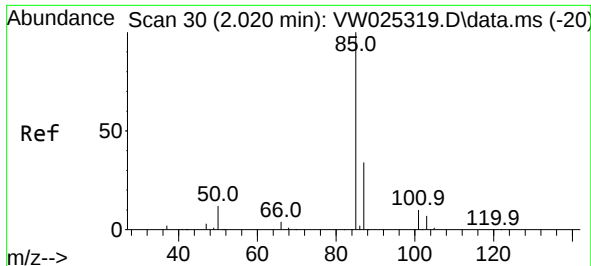
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 Quant Title : SFAM01.0
 QLast Update : Tue Feb 07 20:11:22 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	163848	28.077	ug/L	100
29) Cyclohexane	7.953	56	219549	24.441	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	232438	26.271	ug/L	99
31) Carbon tetrachloride	8.069	117	217565	26.586	ug/L	99
33) Benzene	8.325	78	551908	25.568	ug/L	100
34) Trichloroethene	9.087	95	151323	25.027	ug/L	97
35) Methylcyclohexane	9.331	83	263638	24.428	ug/L	100
37) 1,2-Dichloropropane	9.368	63	134053	25.180	ug/L	100
38) Bromodichloromethane	9.642	83	182063	25.719	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	219829	25.219	ug/L	97
40) 4-Methyl-2-pentanone	10.203	43	121559	51.713	ug/L	99
42) Toluene	10.386	91	592559	27.605	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	181736	29.248	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	97005	28.911	ug/L	96
46) Tetrachloroethene	10.861	164	114304	29.581	ug/L	90
48) 2-Hexanone	10.965	43	93514	63.016	ug/L	99
49) Dibromochloromethane	11.123	129	111674	29.468	ug/L	100
50) 1,2-Dibromoethane	11.233	107	88422	28.768	ug/L	97
51) Chlorobenzene	11.654	112	371061	26.267	ug/L	95
52) Ethylbenzene	11.727	91	690094	26.832	ug/L	97
53) m,p-Xylene	11.831	106	262140	26.894	ug/L	90
54) o-Xylene	12.160	106	247620	25.236	ug/L	96
55) Styrene	12.178	104	425952	25.638	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	106774	26.708	ug/L	98
59) Bromoform	12.349	173	60868	27.140	ug/L	98
60) Isopropylbenzene	12.459	105	711841	26.591	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	77777	27.673	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	598403	27.727	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	586137	27.105	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	292037	26.330	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	290795	26.569	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	250663	26.225	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	17468	26.611	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	198941	27.582	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	155624	26.498	ug/L	99
71) Naphthalene	15.360	128	299526	27.898	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	137536	27.274	ug/L	99

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

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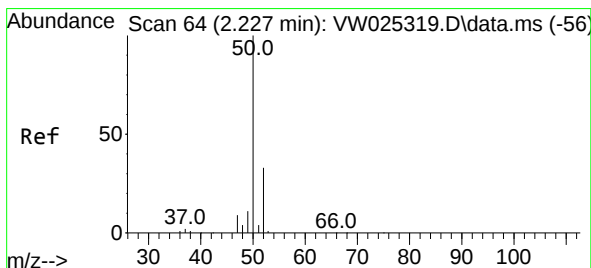
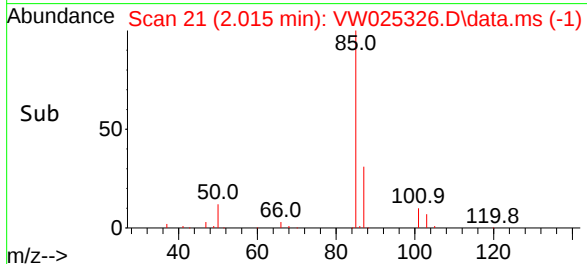
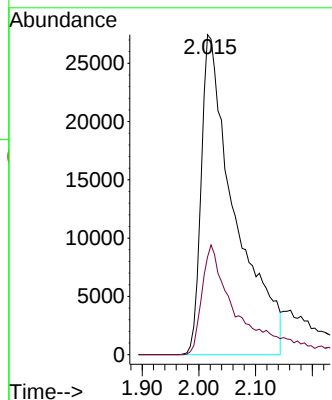
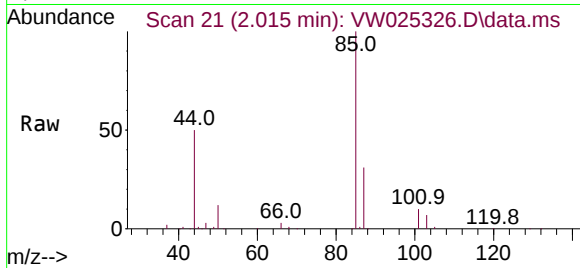




#2
 Dichlorodifluoromethane
 Concen: 23.466 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: VW025326.D
 Acq: 13 Feb 2023 08:44

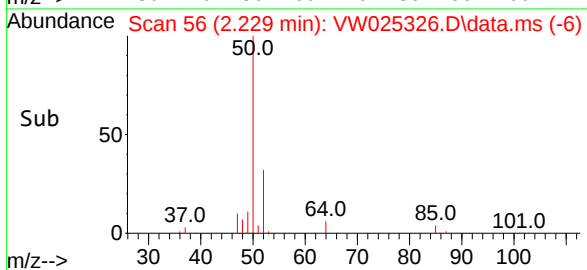
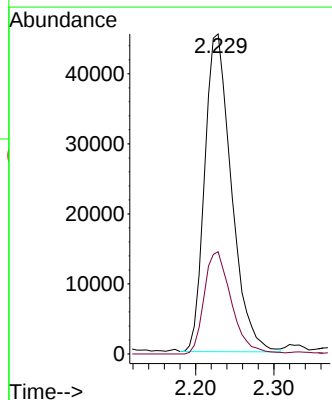
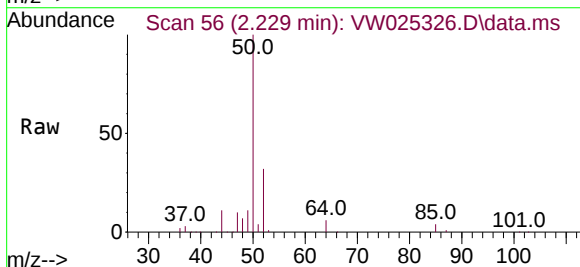
Instrument :
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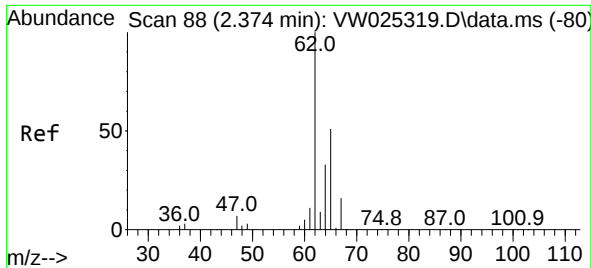
Tgt Ion: 85 Resp: 112933
 Ion Ratio Lower Upper
 85 100
 87 23.5 23.3 34.9



#3
 Chloromethane
 Concen: 23.325 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.002 min
 Lab File: VW025326.D
 Acq: 13 Feb 2023 08:44

Tgt Ion: 50 Resp: 107749
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.0 40.8

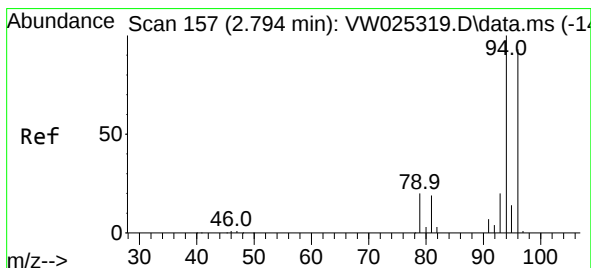
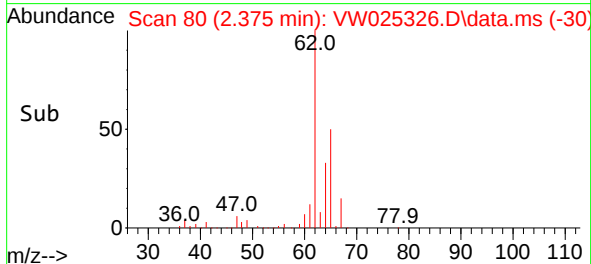
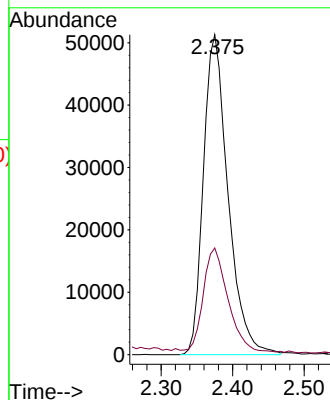
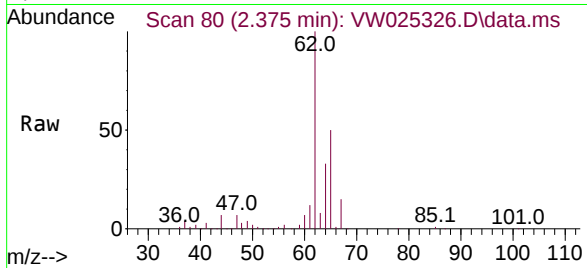




#5
 Vinyl chloride
 Concen: 26.121 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.002 min
 Lab File: VW025326.D
 Acq: 13 Feb 2023 08:44

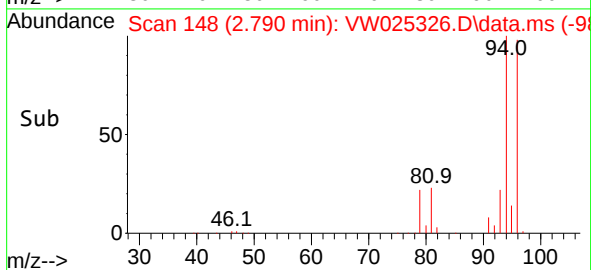
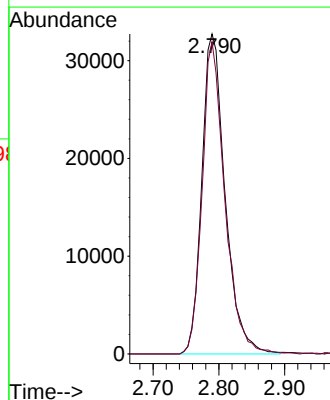
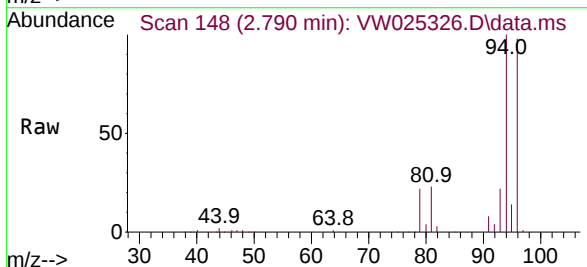
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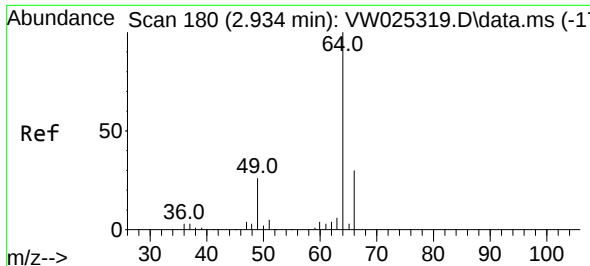
Tgt Ion: 62 Resp: 122891
 Ion Ratio Lower Upper
 62 100
 64 33.4 21.8 40.6



#6
 Bromomethane
 Concen: 25.013 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.002 min
 Lab File: VW025326.D
 Acq: 13 Feb 2023 08:44

Tgt Ion: 94 Resp: 80575
 Ion Ratio Lower Upper
 94 100
 96 97.6 66.3 123.1

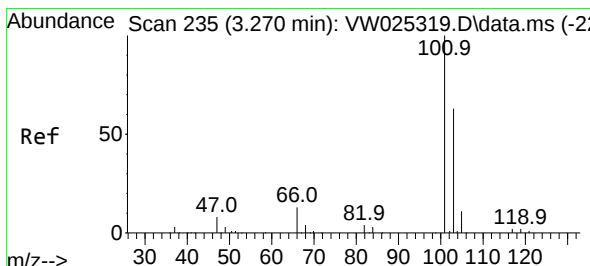
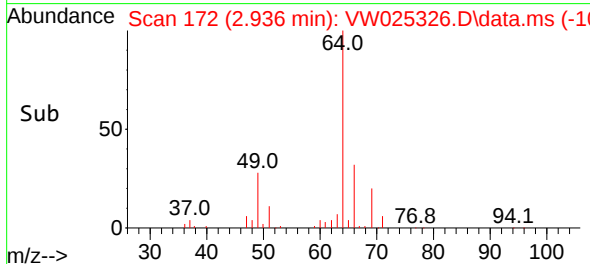
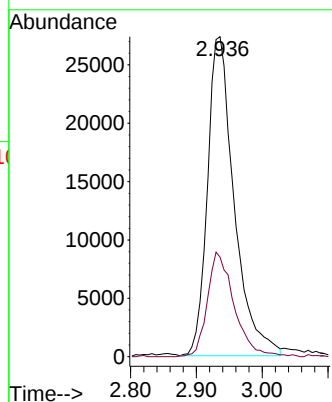
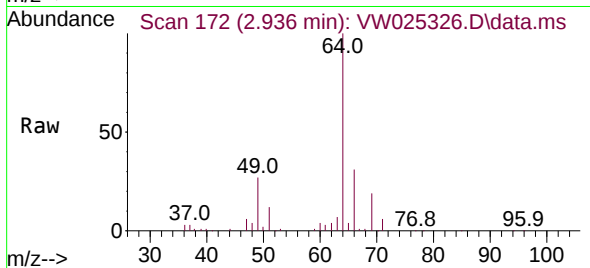




#8
Chloroethane
Concen: 26.304 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.002 min
Lab File: VW025326.D
Acq: 13 Feb 2023 08:44

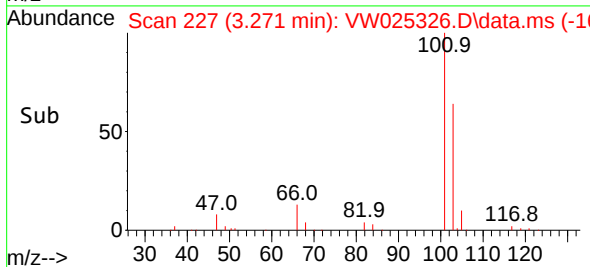
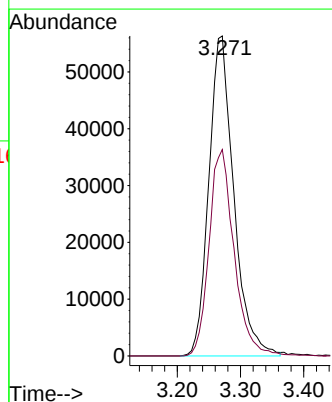
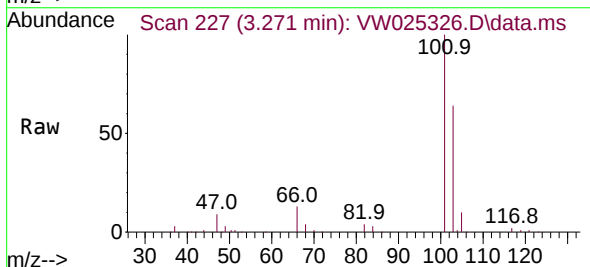
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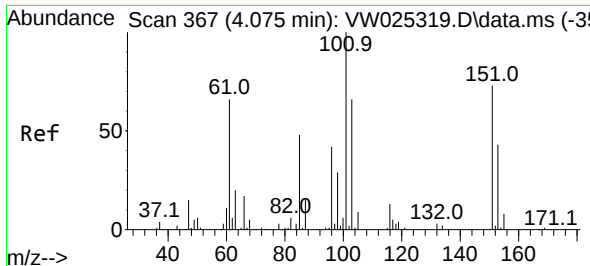
Tgt Ion: 64 Resp: 77255
Ion Ratio Lower Upper
64 100
66 31.1 21.9 40.7



#9
Trichlorofluoromethane
Concen: 22.824 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.002 min
Lab File: VW025326.D
Acq: 13 Feb 2023 08:44

Tgt Ion:101 Resp: 154455
Ion Ratio Lower Upper
101 100
103 64.7 52.4 78.6

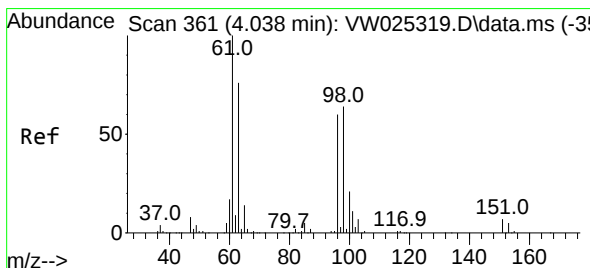
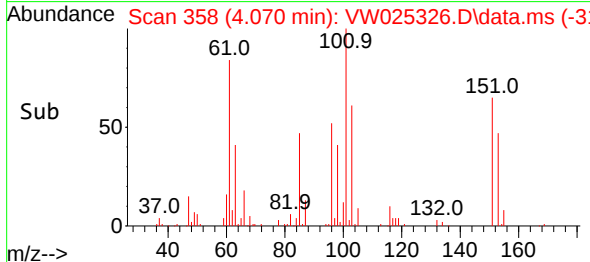
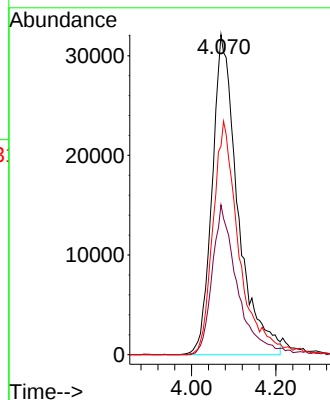
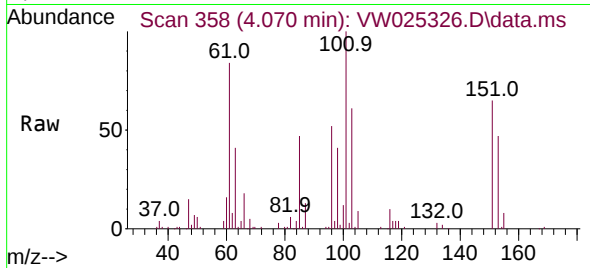




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.653 ug/L
RT: 4.070 min Scan# 310
Delta R.T. -0.010 min
Lab File: VW025326.D
Acq: 13 Feb 2023 08:44

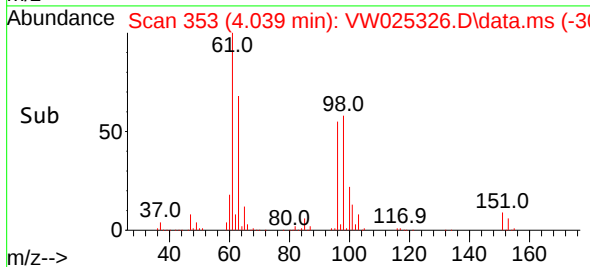
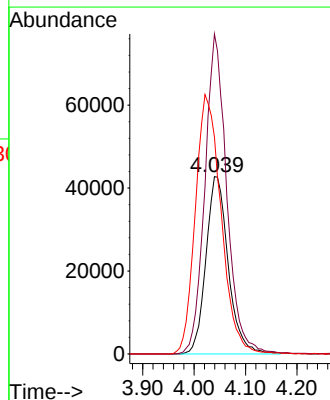
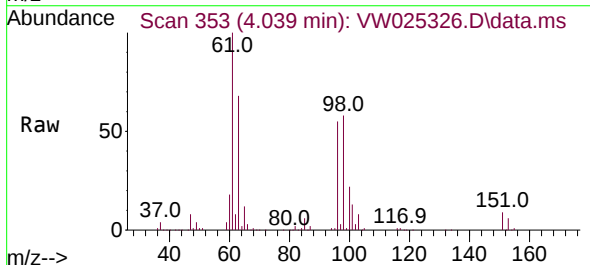
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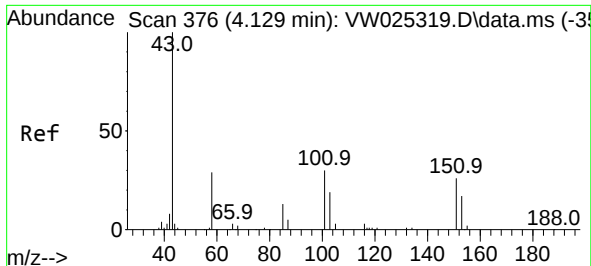
Tgt Ion:101 Resp: 135696
Ion Ratio Lower Upper
101 100
85 45.0 32.8 49.2
151 69.1 54.7 82.1



#12
1,1-Dichloroethene
Concen: 26.487 ug/L
RT: 4.039 min Scan# 353
Delta R.T. -0.004 min
Lab File: VW025326.D
Acq: 13 Feb 2023 08:44

Tgt Ion: 96 Resp: 129020
Ion Ratio Lower Upper
96 100
61 180.6 120.8 224.4
63 122.5 85.7 159.1

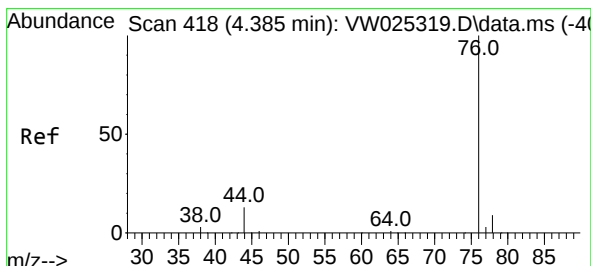
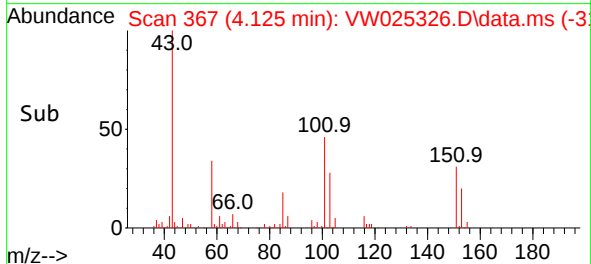
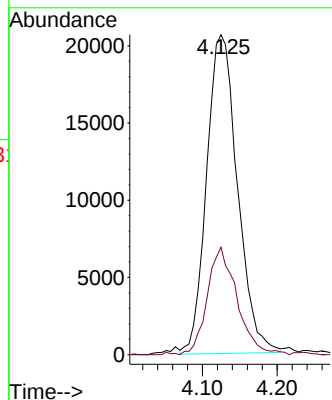
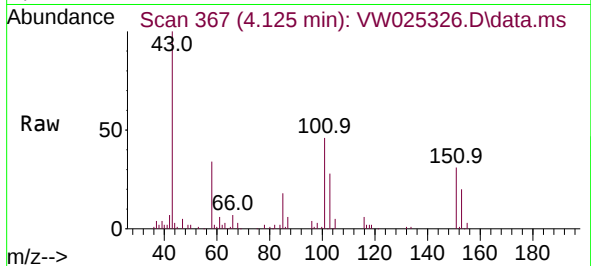




#13
Acetone
Concen: 60.162 ug/L
RT: 4.125 min Scan# 30
Delta R.T. -0.004 min
Lab File: VW025326.D
Acq: 13 Feb 2023 08:44

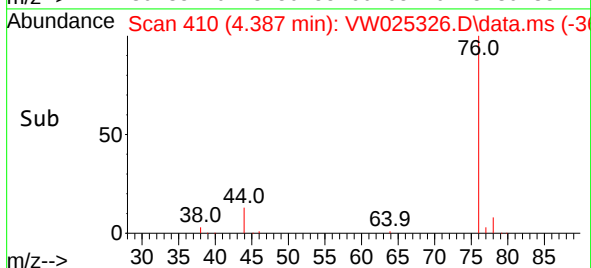
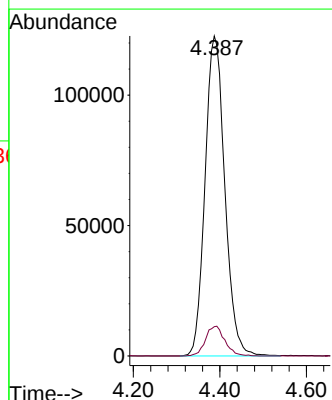
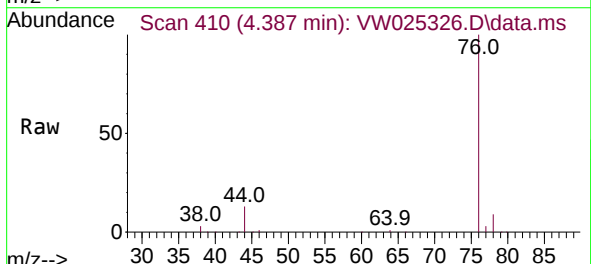
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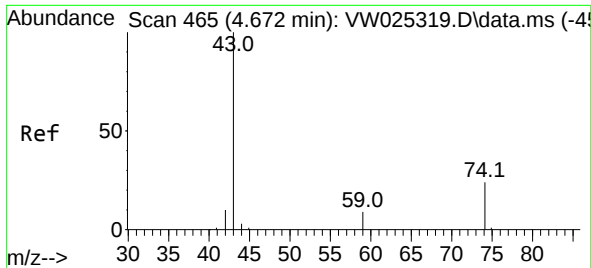
Tgt Ion: 43 Resp: 59268
Ion Ratio Lower Upper
43 100
58 32.1 0.0 63.0



#14
Carbon disulfide
Concen: 24.420 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.002 min
Lab File: VW025326.D
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Tgt Ion: 76 Resp: 388727
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

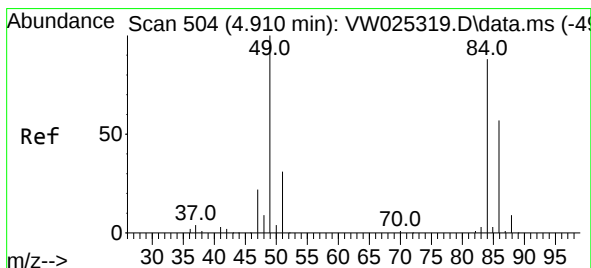
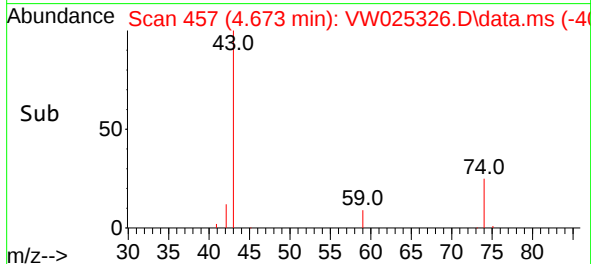
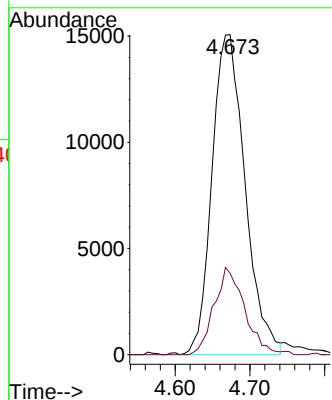
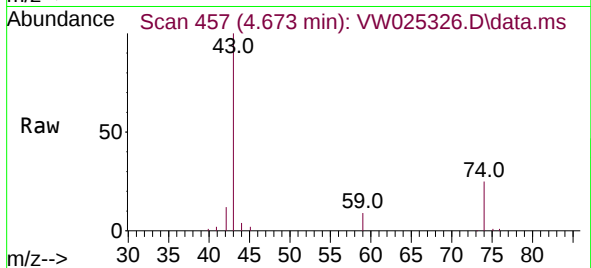




#15
Methyl Acetate
Concen: 27.476 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.002 min
Lab File: VW025326.D
Acq: 13 Feb 2023 08:44

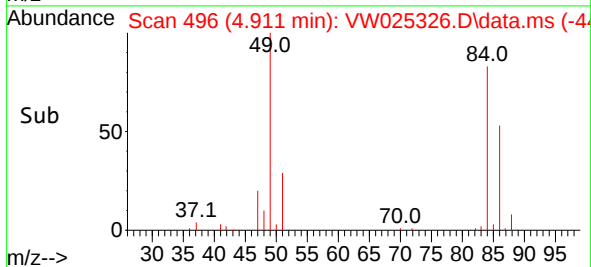
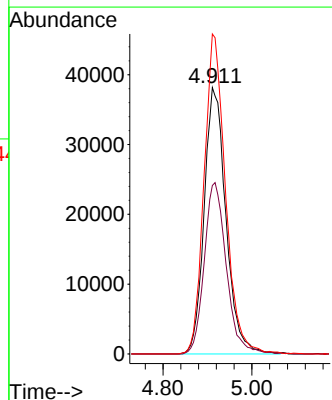
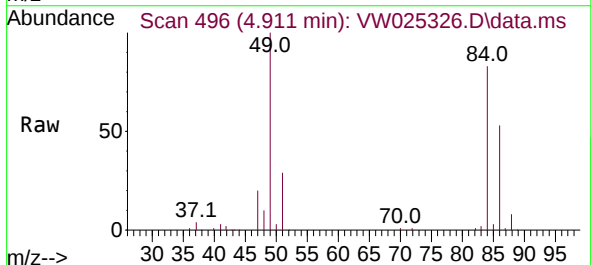
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

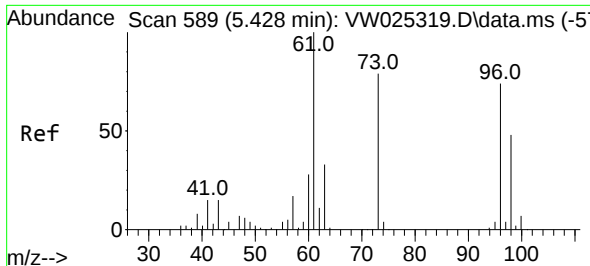
Tgt Ion: 43 Resp: 46316
Ion Ratio Lower Upper
43 100
74 25.0 20.2 30.2



#16
Methylene chloride
Concen: 21.514 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.004 min
Lab File: VW025326.D
Acq: 13 Feb 2023 08:44

Tgt Ion: 84 Resp: 130257
Ion Ratio Lower Upper
84 100
86 63.3 47.2 87.6
49 120.1 86.5 160.7

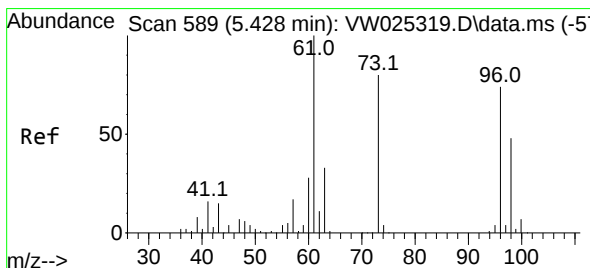
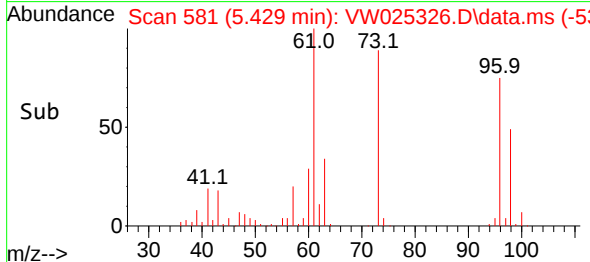
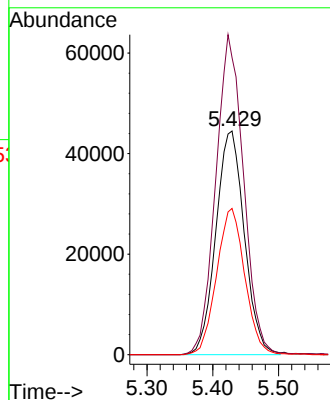
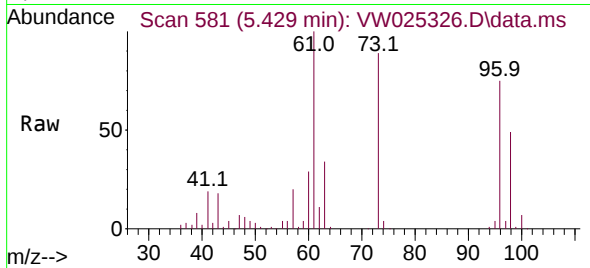




#17
trans-1,2-Dichloroethene
Concen: 25.625 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.002 min
Lab File: VW025326.D
Acq: 13 Feb 2023 08:44

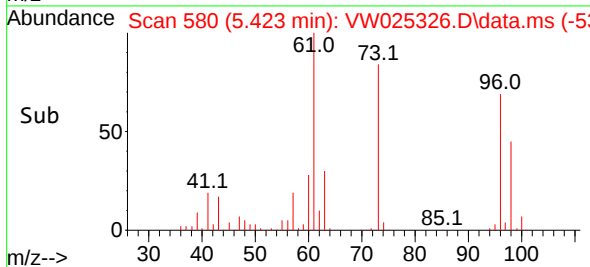
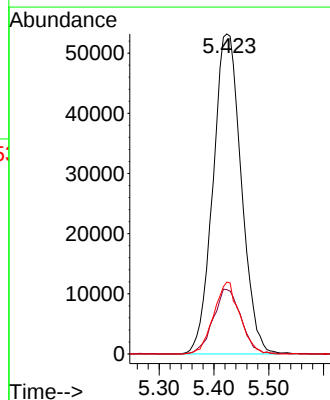
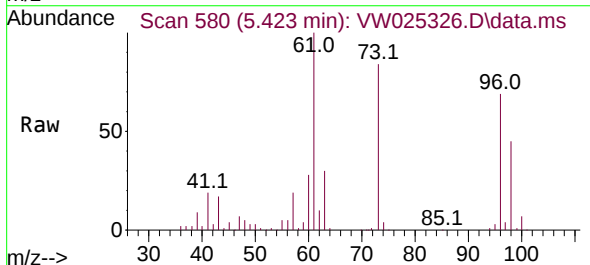
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

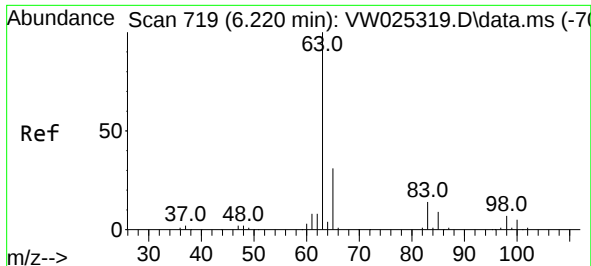
Tgt Ion: 96 Resp: 134052
Ion Ratio Lower Upper
96 100
61 132.9 98.4 182.8
98 65.4 43.5 80.9



#18
Methyl tert-butyl Ether
Concen: 25.297 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.004 min
Lab File: VW025326.D
Acq: 13 Feb 2023 08:44

Tgt Ion: 73 Resp: 190239
Ion Ratio Lower Upper
73 100
43 19.9 15.8 23.6
57 20.7 17.0 25.4





#19

1,1-Dichloroethane

Concen: 26.837 ug/L

RT: 6.216 min Scan# 719

Delta R.T. -0.004 min

Lab File: VW025326.D

Acq: 13 Feb 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

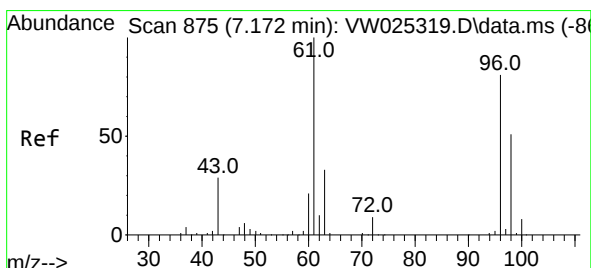
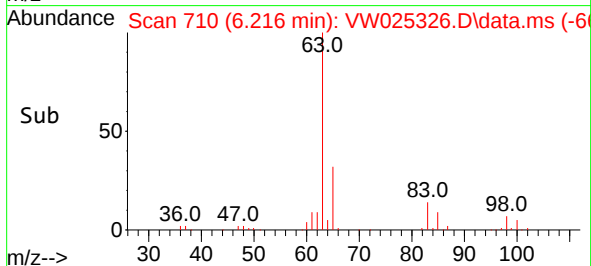
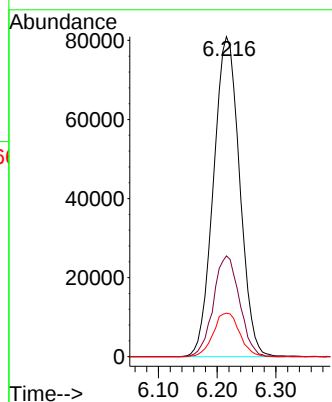
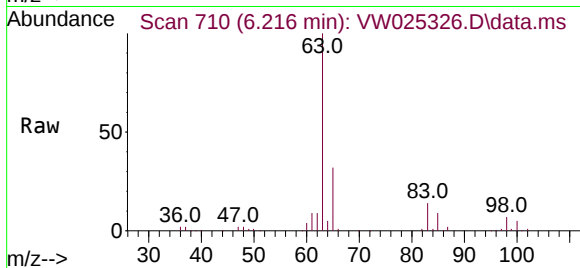
Tgt Ion: 63 Resp: 249985

Ion Ratio Lower Upper

63 100

65 31.5 22.0 41.0

83 13.6 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 26.228 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.004 min

Lab File: VW025326.D

Acq: 13 Feb 2023 08:44

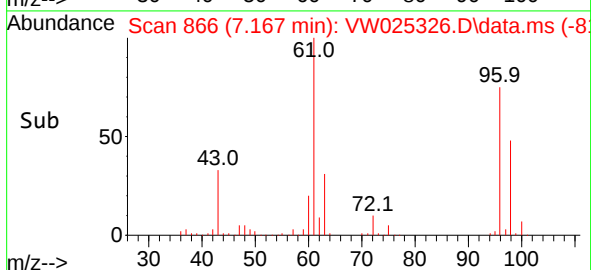
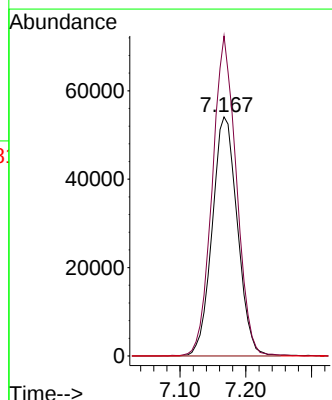
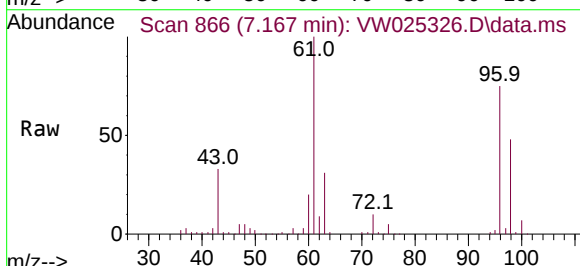
Tgt Ion: 96 Resp: 144065

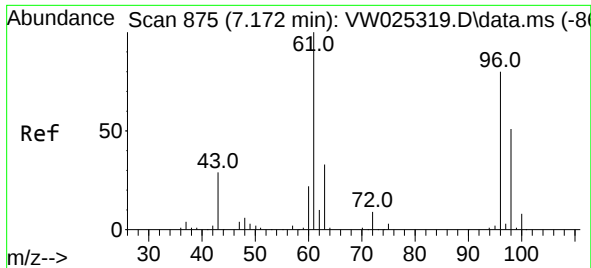
Ion Ratio Lower Upper

96 100

61 133.8 87.2 162.0

68 0.0 0.0 0.0

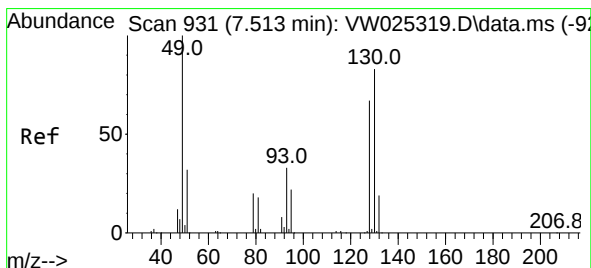
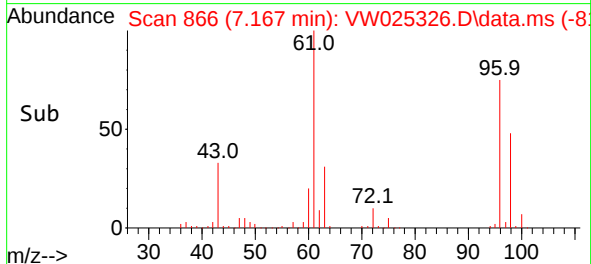
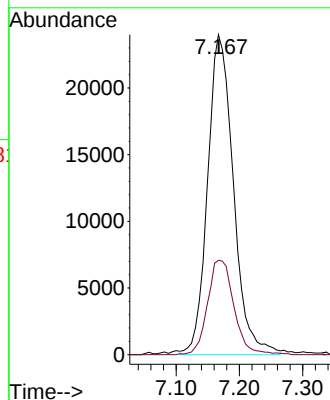
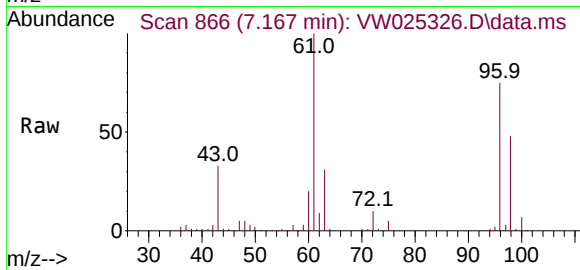




#22
2-Butanone
Concen: 56.761 ug/L
RT: 7.167 min Scan# 80
Delta R.T. -0.004 min
Lab File: VW025326.D
Acq: 13 Feb 2023 08:44

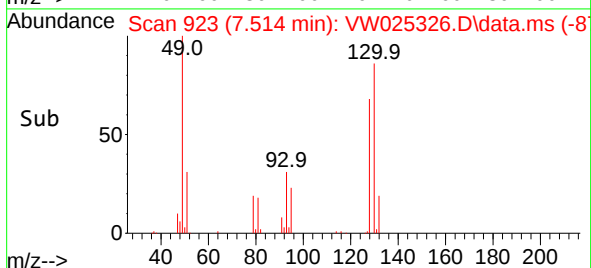
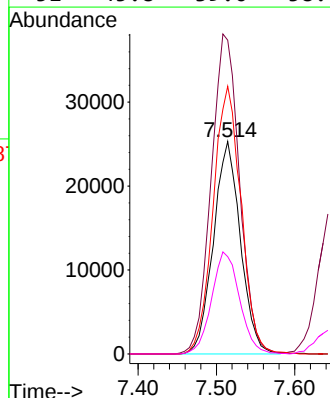
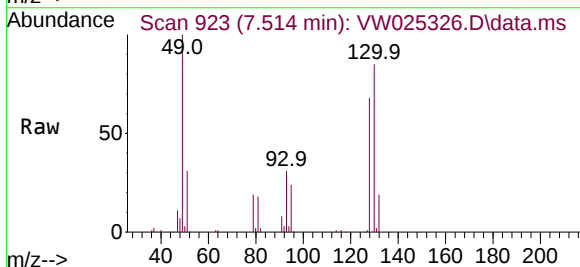
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

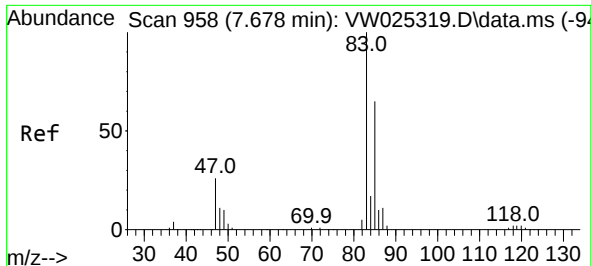
Tgt Ion: 43 Resp: 67999
Ion Ratio Lower Upper
43 100
72 29.9 15.2 45.6



#23
Bromochloromethane
Concen: 26.835 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.002 min
Lab File: VW025326.D
Acq: 13 Feb 2023 08:44

Tgt Ion: 128 Resp: 60713
Ion Ratio Lower Upper
128 100
49 147.6 109.0 202.4
130 125.9 93.3 173.3
51 45.8 39.0 58.4





#25

Chloroform

Concen: 26.667 ug/L

RT: 7.673 min Scan# 94

Delta R.T. -0.004 min

Lab File: VW025326.D

Acq: 13 Feb 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

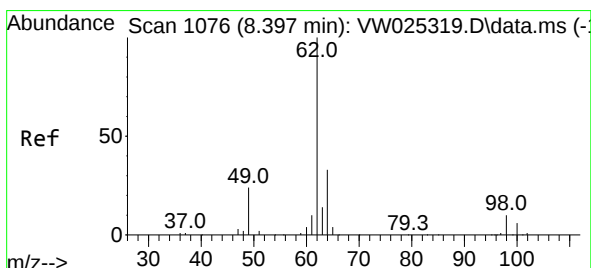
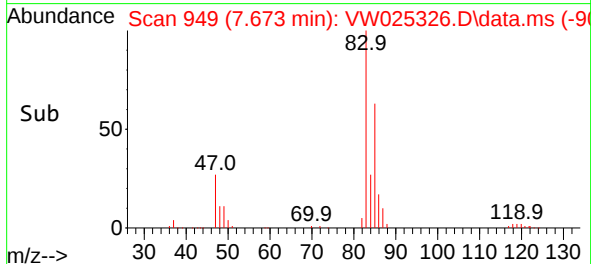
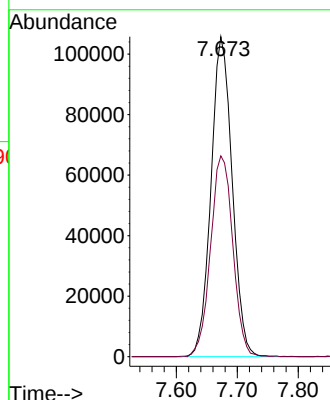
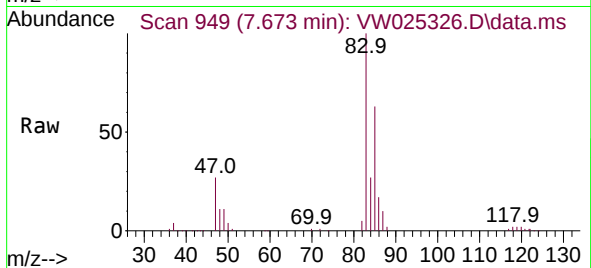
VSTD025536

Tgt Ion: 83 Resp: 255513

Ion Ratio Lower Upper

83 100

85 62.7 45.8 85.0



#27

1,2-Dichloroethane

Concen: 28.077 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.002 min

Lab File: VW025326.D

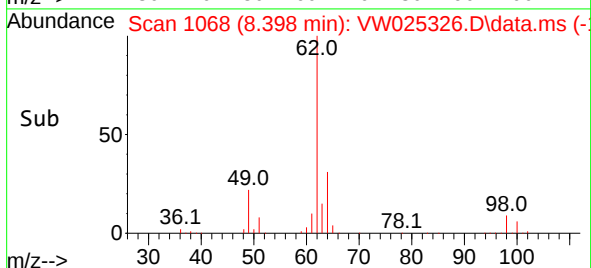
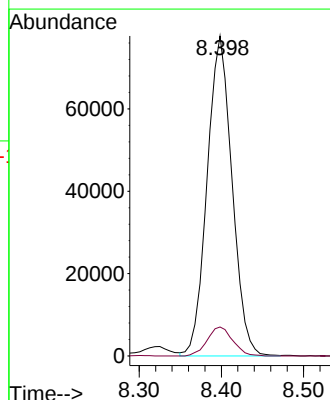
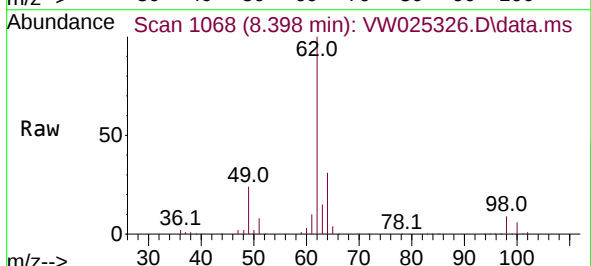
Acq: 13 Feb 2023 08:44

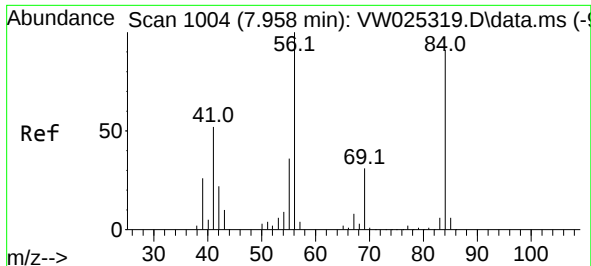
Tgt Ion: 62 Resp: 163848

Ion Ratio Lower Upper

62 100

98 9.0 7.4 11.0





#29

Cyclohexane

Concen: 24.441 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.004 min

Lab File: VW025326.D

Acq: 13 Feb 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

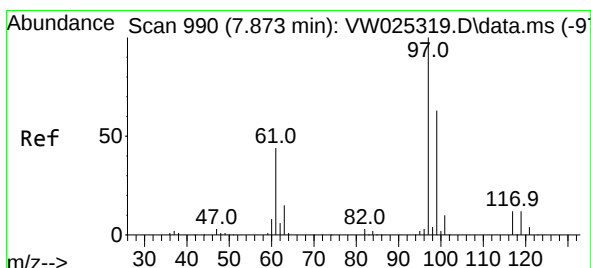
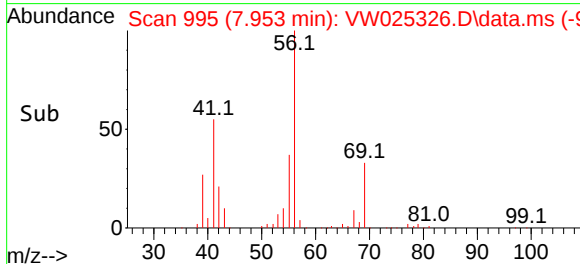
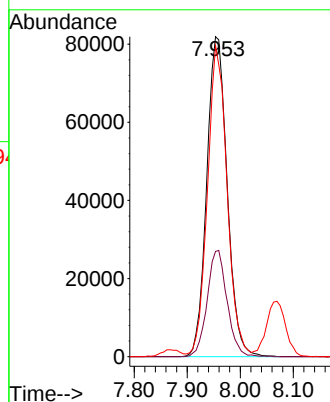
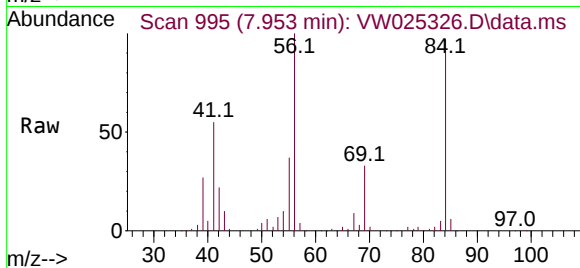
Tgt Ion: 56 Resp: 219549

Ion Ratio Lower Upper

56 100

69 32.1 25.1 37.7

84 93.3 73.2 109.8



#30

1,1,1-Trichloroethane

Concen: 26.271 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.002 min

Lab File: VW025326.D

Acq: 13 Feb 2023 08:44

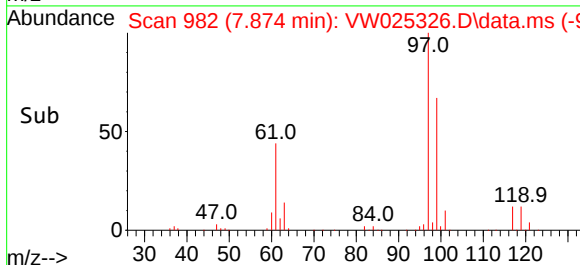
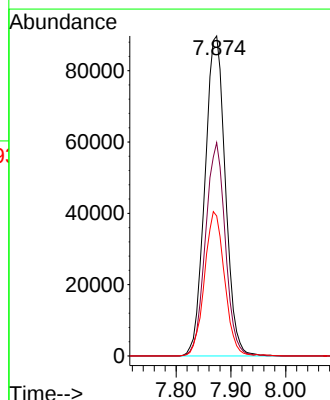
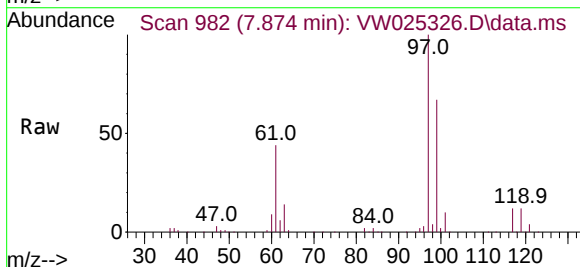
Tgt Ion: 97 Resp: 232438

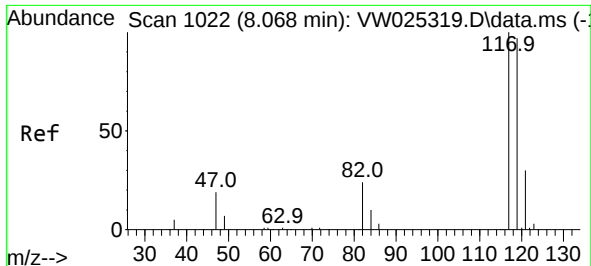
Ion Ratio Lower Upper

97 100

99 64.5 51.2 76.8

61 44.2 35.0 52.6

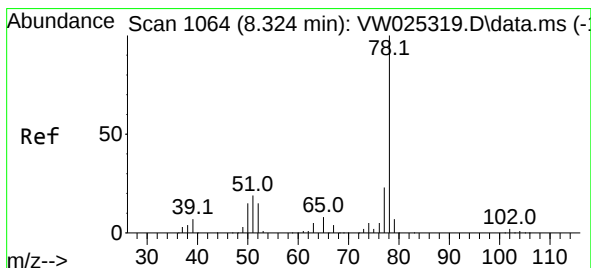
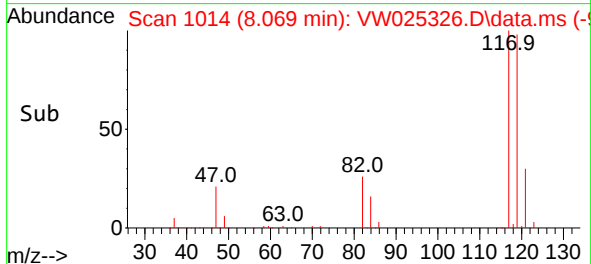
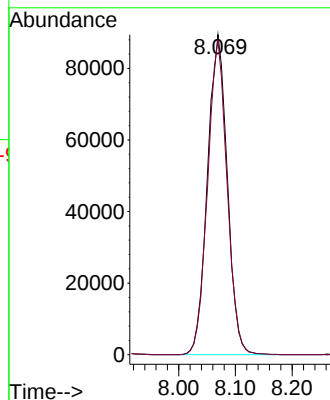
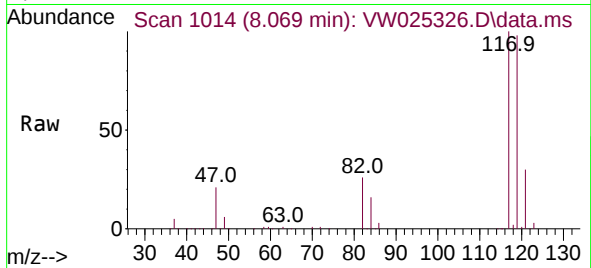




#31
Carbon tetrachloride
Concen: 26.586 ug/L
RT: 8.069 min Scan# 1022
Delta R.T. 0.002 min
Lab File: VW025326.D
Acq: 13 Feb 2023 08:44

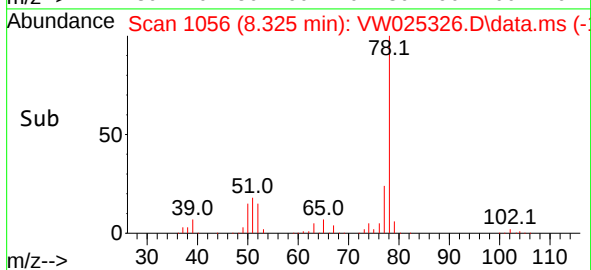
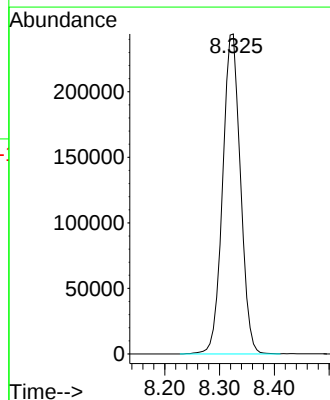
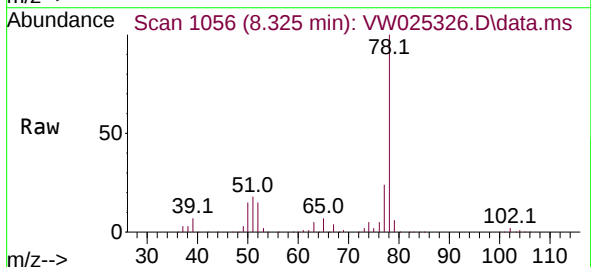
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

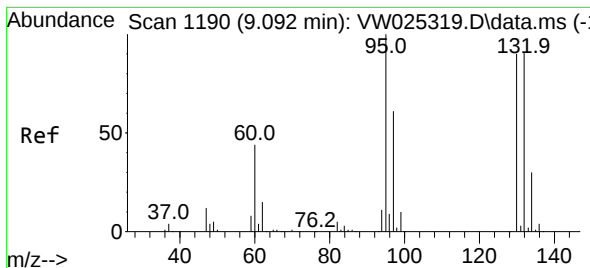
Tgt Ion:117 Resp: 217565
Ion Ratio Lower Upper
117 100
119 96.2 77.6 116.4



#33
Benzene
Concen: 25.568 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.002 min
Lab File: VW025326.D
Acq: 13 Feb 2023 08:44

Tgt Ion: 78 Resp: 551908





#34

Trichloroethene

Concen: 25.027 ug/L

RT: 9.087 min Scan# 1190

Delta R.T. -0.004 min

Lab File: VW025326.D

Acq: 13 Feb 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

Tgt Ion: 95 Resp: 151323

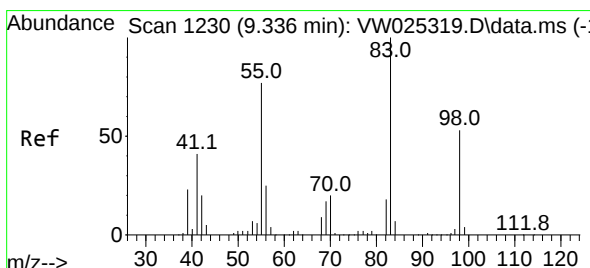
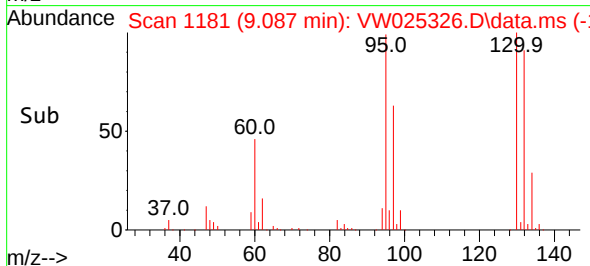
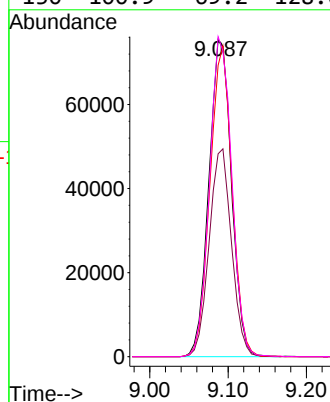
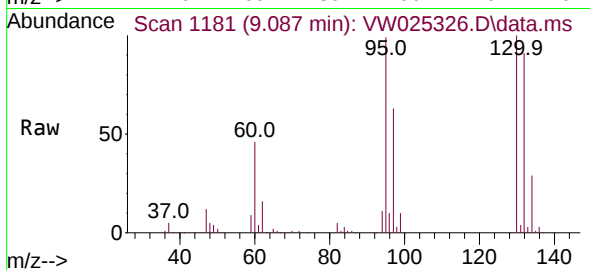
Ion Ratio Lower Upper

95 100

97 63.9 45.4 84.2

132 91.8 67.1 124.5

130 100.9 69.2 128.6



#35

Methylcyclohexane

Concen: 24.428 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.004 min

Lab File: VW025326.D

Acq: 13 Feb 2023 08:44

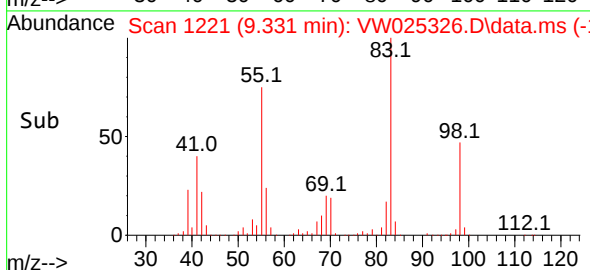
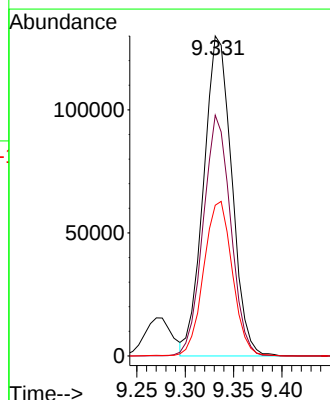
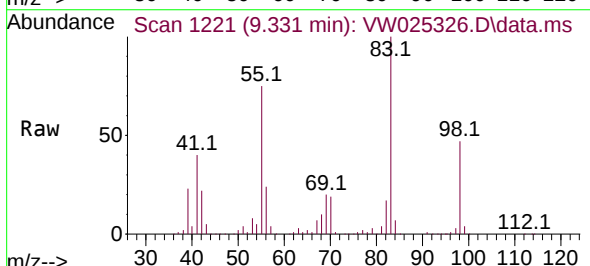
Tgt Ion: 83 Resp: 263638

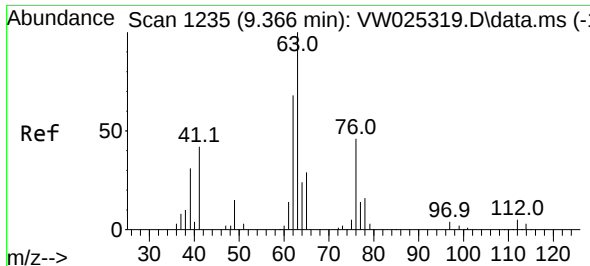
Ion Ratio Lower Upper

83 100

55 73.2 58.8 88.2

98 49.1 39.5 59.3





#37

1,2-Dichloropropane

Concen: 25.180 ug/L

RT: 9.368 min Scan# 1235

Delta R.T. 0.002 min

Lab File: VW025326.D

Acq: 13 Feb 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

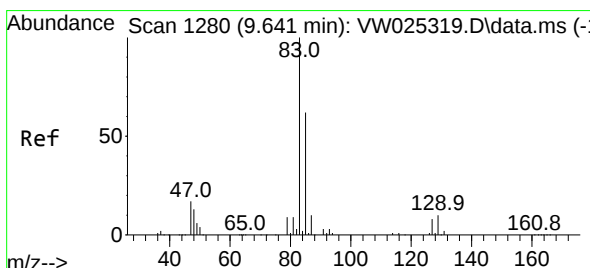
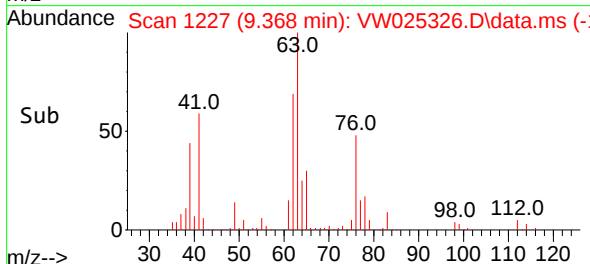
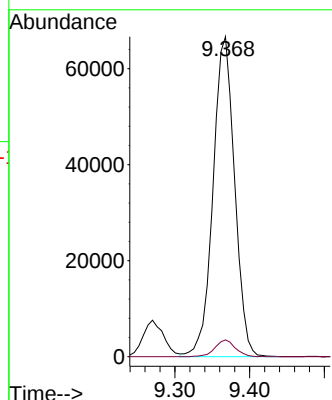
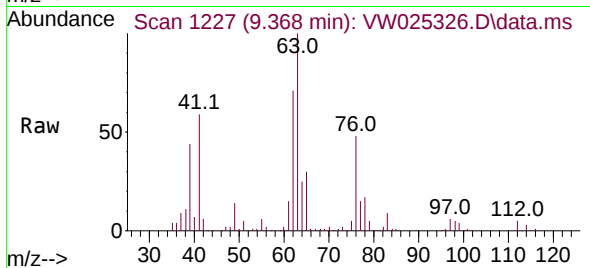
VSTD025536

Tgt Ion: 63 Resp: 134053

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 25.719 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.004 min

Lab File: VW025326.D

Acq: 13 Feb 2023 08:44

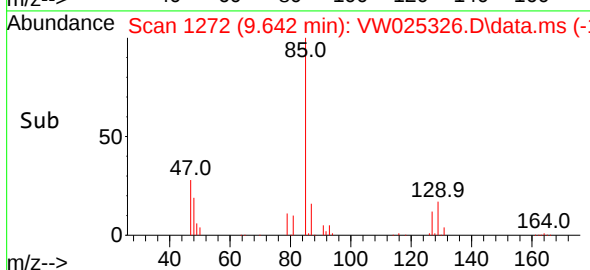
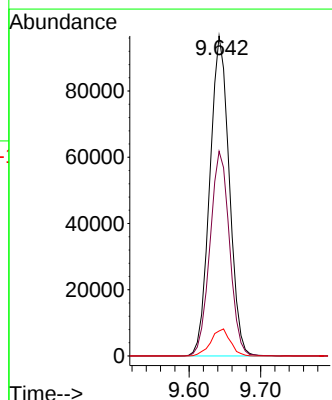
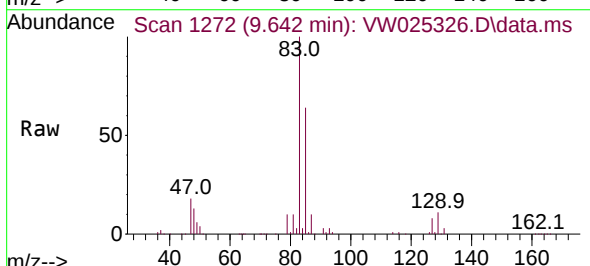
Tgt Ion: 83 Resp: 182063

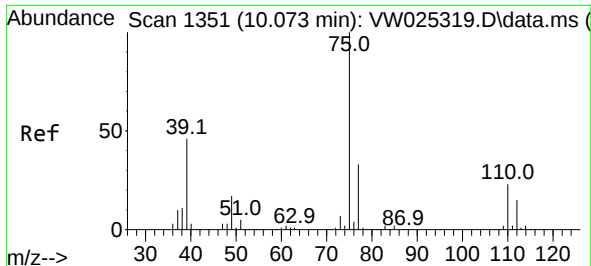
Ion Ratio Lower Upper

83 100

85 64.0 44.4 82.4

127 7.8 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 25.219 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.004 min

Lab File: VW025326.D

Acq: 13 Feb 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

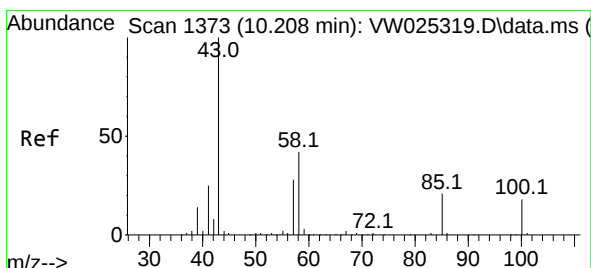
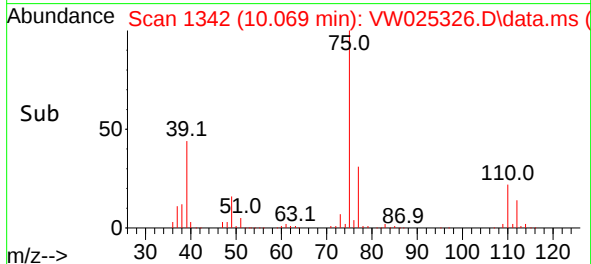
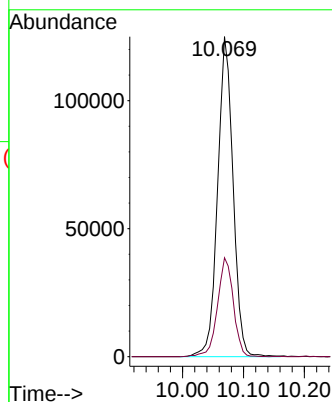
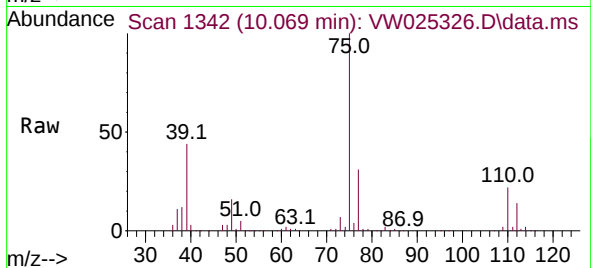
VSTD025536

Tgt Ion: 75 Resp: 219829

Ion Ratio Lower Upper

75 100

77 30.9 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 51.713 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. -0.004 min

Lab File: VW025326.D

Acq: 13 Feb 2023 08:44

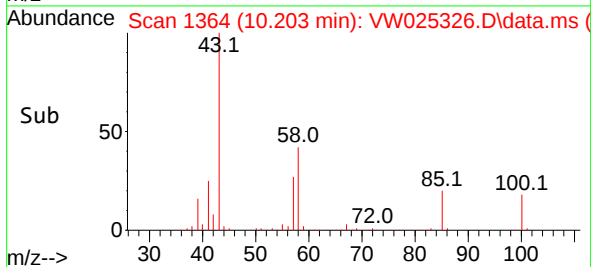
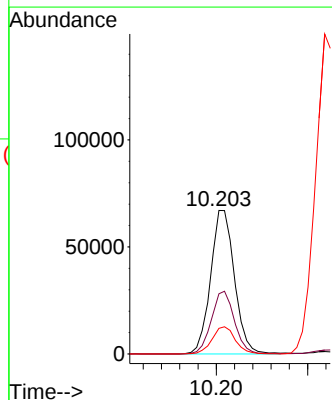
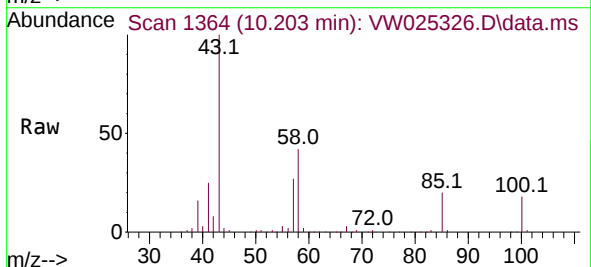
Tgt Ion: 43 Resp: 121559

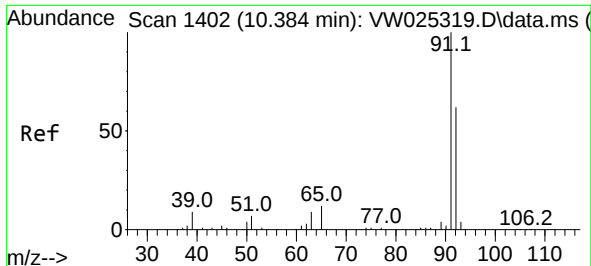
Ion Ratio Lower Upper

43 100

58 42.4 34.1 51.1

100 18.6 14.5 21.7

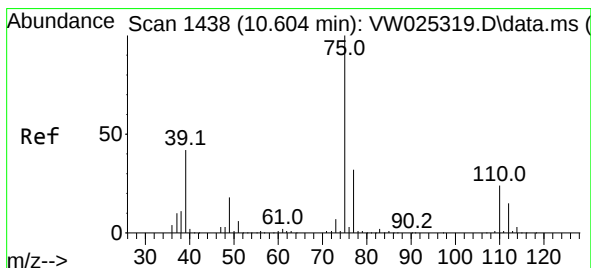
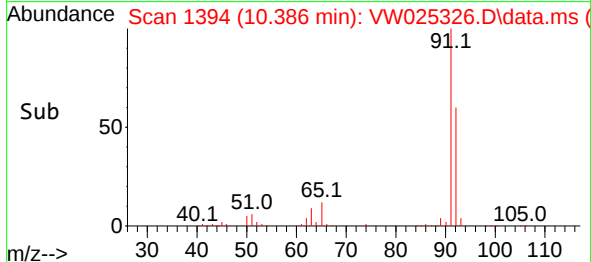
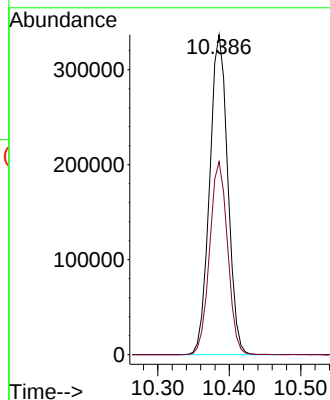
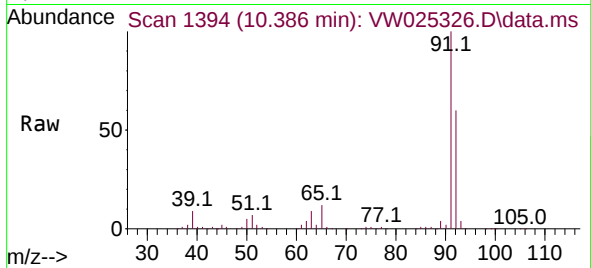




#42
Toluene
Concen: 27.605 ug/L
RT: 10.386 min Scan# 1402
Delta R.T. 0.002 min
Lab File: VW025326.D
Acq: 13 Feb 2023 08:44

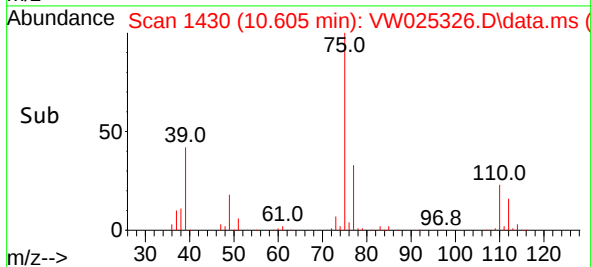
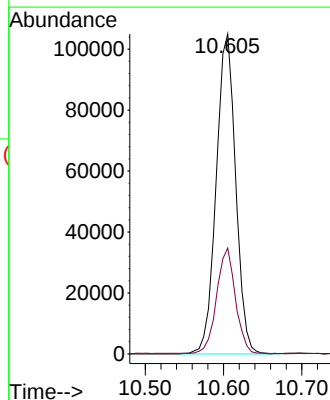
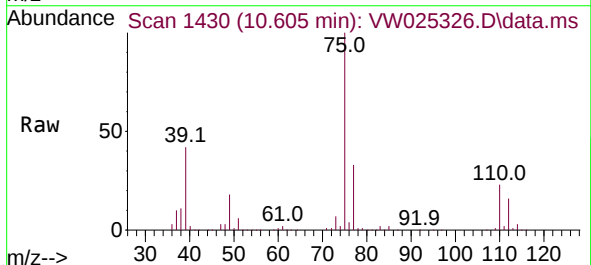
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

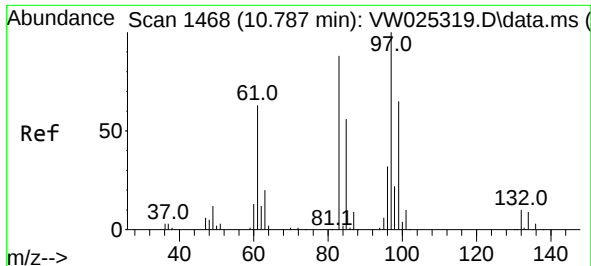
Tgt Ion: 91 Resp: 592559
Ion Ratio Lower Upper
91 100
92 60.3 41.9 77.7



#44
trans-1,3-Dichloropropene
Concen: 29.248 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.002 min
Lab File: VW025326.D
Acq: 13 Feb 2023 08:44

Tgt Ion: 75 Resp: 181736
Ion Ratio Lower Upper
75 100
77 33.1 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 28.911 ug/L

RT: 10.782 min Scan# 1468

Delta R.T. -0.004 min

Lab File: VW025326.D

Acq: 13 Feb 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

Tgt Ion: 97 Resp: 97005

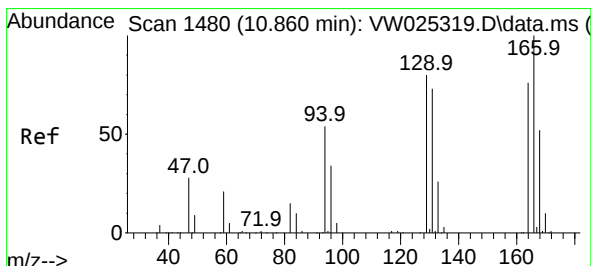
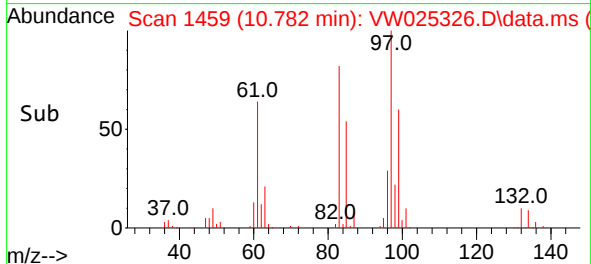
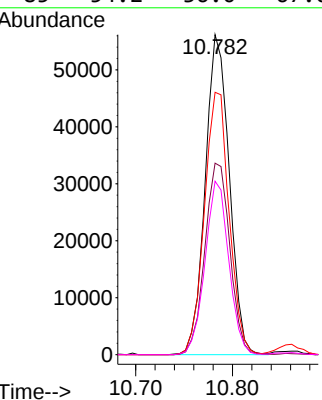
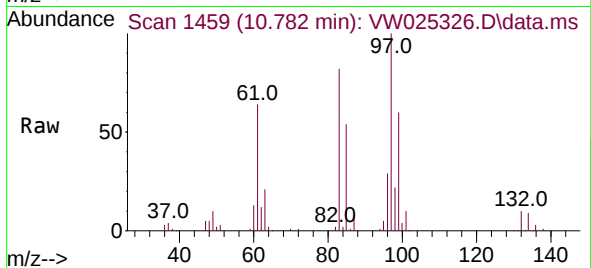
Ion Ratio Lower Upper

97 100

99 59.9 41.4 76.8

83 82.0 54.0 100.4

85 54.2 36.0 67.0



#46

Tetrachloroethene

Concen: 29.581 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.004 min

Lab File: VW025326.D

Acq: 13 Feb 2023 08:44

Tgt Ion:164 Resp: 114304

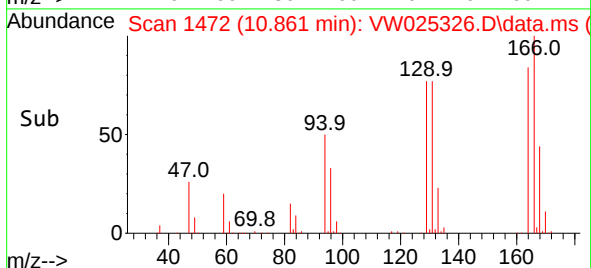
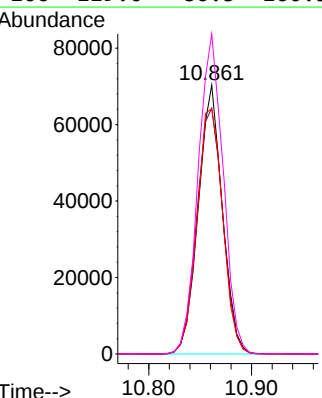
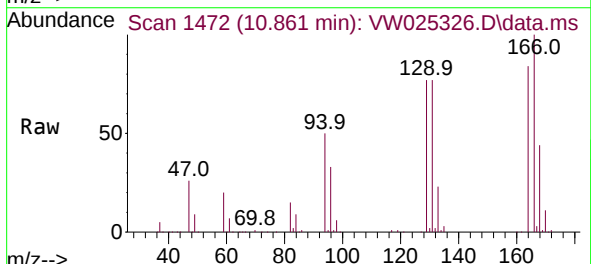
Ion Ratio Lower Upper

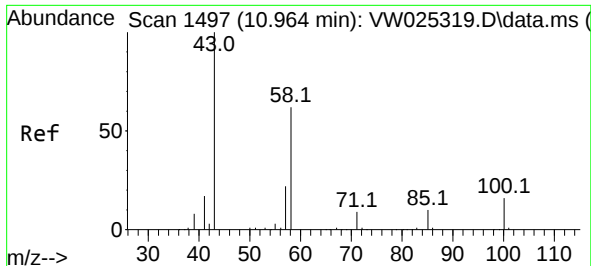
164 100

129 91.4 74.1 137.5

131 91.3 72.3 134.3

166 119.0 86.3 160.3

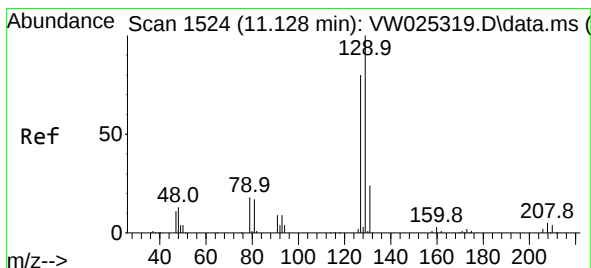
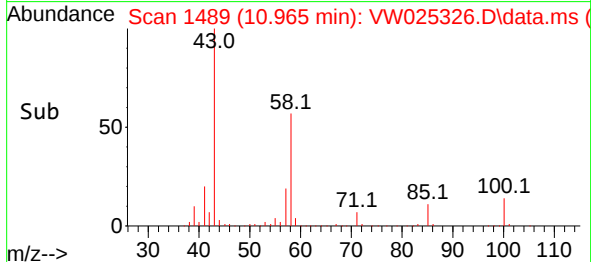
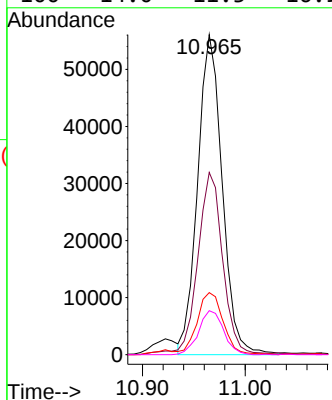
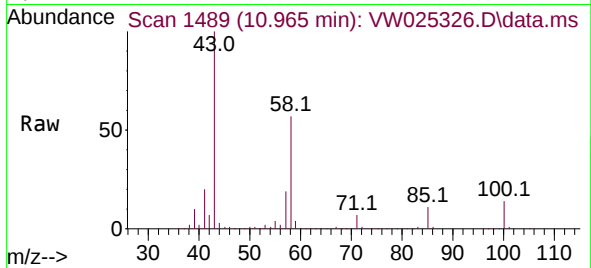




#48
2-Hexanone
Concen: 63.016 ug/L
RT: 10.965 min Scan# 1497
Delta R.T. 0.002 min
Lab File: VW025326.D
Acq: 13 Feb 2023 08:44

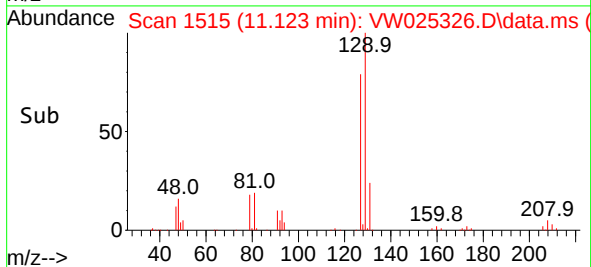
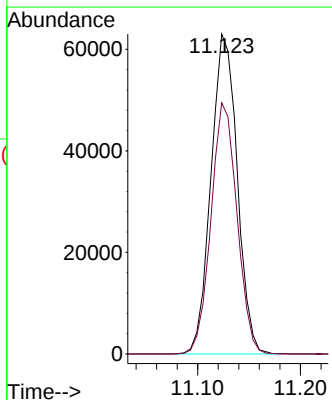
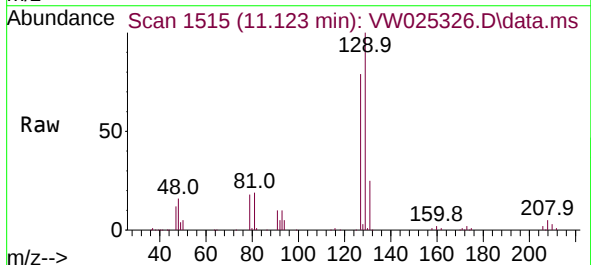
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

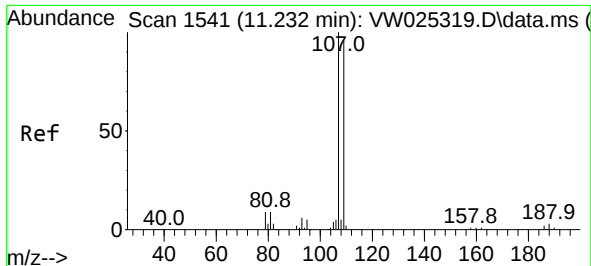
Tgt Ion: 43	Resp: 93514
Ion Ratio	Lower Upper
43 100	
58 57.0	46.3 69.5
57 20.5	16.5 24.7
100 14.0	11.3 16.9



#49
Dibromochloromethane
Concen: 29.468 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.004 min
Lab File: VW025326.D
Acq: 13 Feb 2023 08:44

Tgt	Ion:129	Resp:	111674
Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.8	101.8





#50

1,2-Dibromoethane

Concen: 28.768 ug/L

RT: 11.233 min Scan# 11

Delta R.T. 0.002 min

Lab File: VW025326.D

Acq: 13 Feb 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

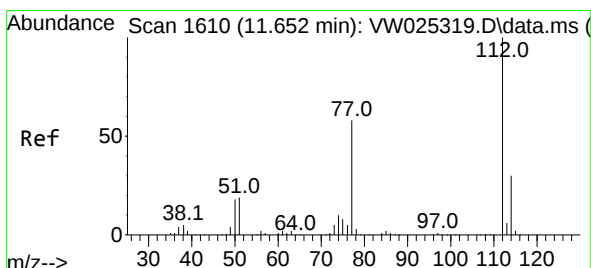
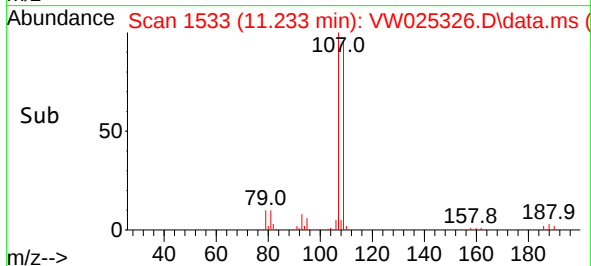
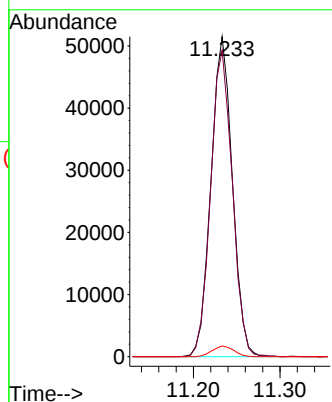
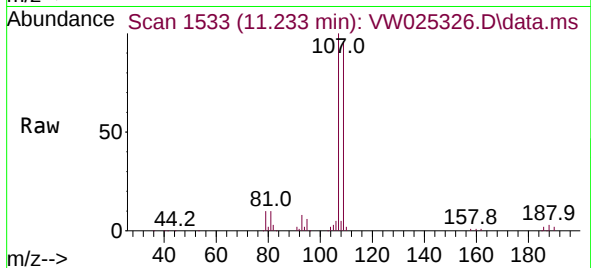
Tgt Ion:107 Resp: 88422

Ion Ratio Lower Upper

107 100

109 95.7 65.0 120.6

188 3.4 2.3 3.5



#51

Chlorobenzene

Concen: 26.267 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.004 min

Lab File: VW025326.D

Acq: 13 Feb 2023 08:44

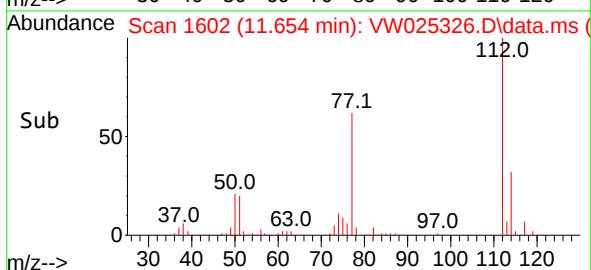
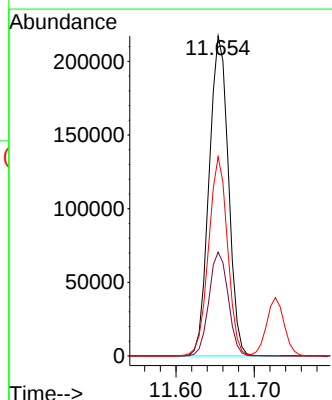
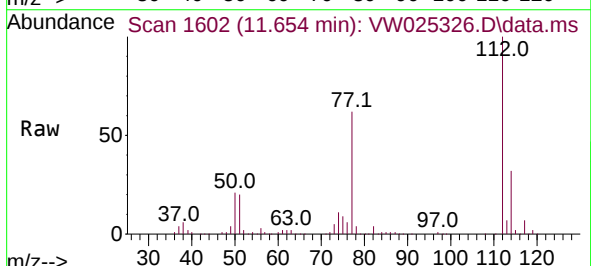
Tgt Ion:112 Resp: 371061

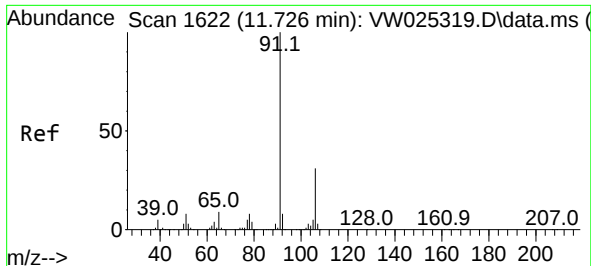
Ion Ratio Lower Upper

112 100

114 32.4 21.7 40.3

77 62.2 46.2 69.4

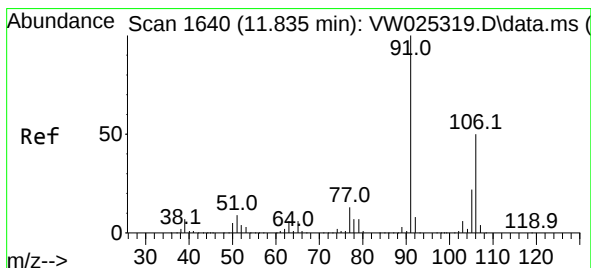
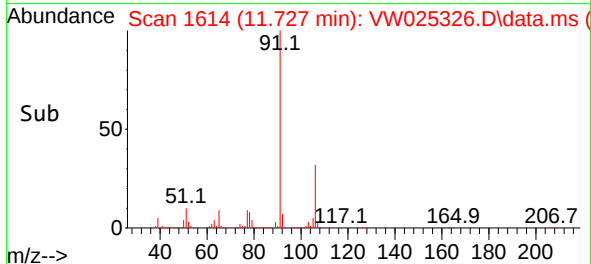
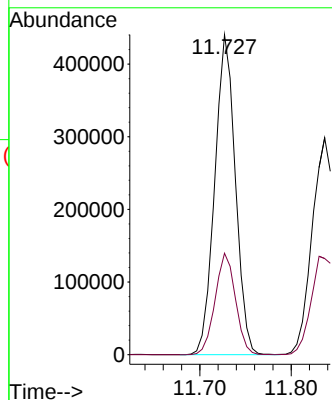
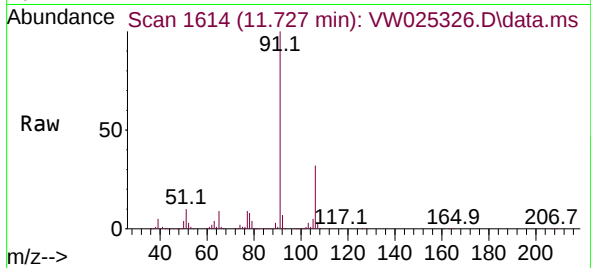




#52
Ethylbenzene
Concen: 26.832 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.004 min
Lab File: VW025326.D
Acq: 13 Feb 2023 08:44

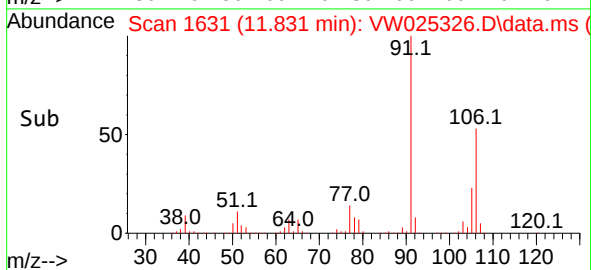
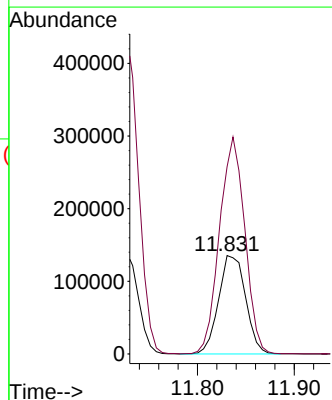
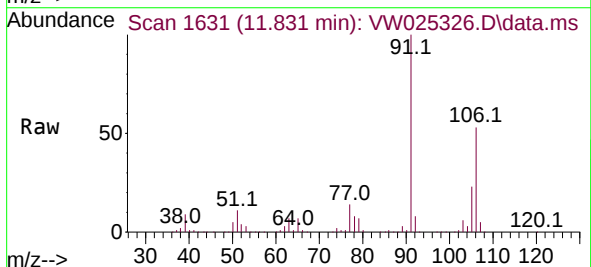
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

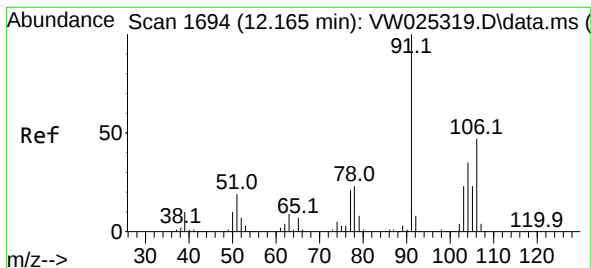
Tgt Ion: 91 Resp: 690094
Ion Ratio Lower Upper
91 100
106 31.7 21.1 39.1



#53
m,p-Xylene
Concen: 26.894 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.004 min
Lab File: VW025326.D
Acq: 13 Feb 2023 08:44

Tgt Ion: 106 Resp: 262140
Ion Ratio Lower Upper
106 100
91 190.2 143.4 266.4





#54

o-Xylene

Concen: 25.236 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.004 min

Lab File: VW025326.D

Acq: 13 Feb 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

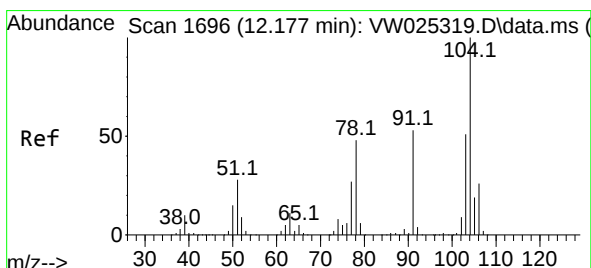
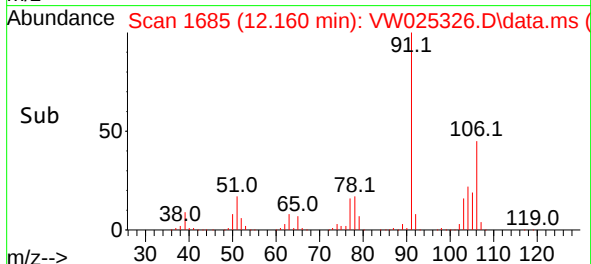
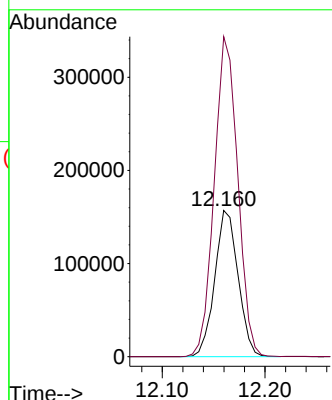
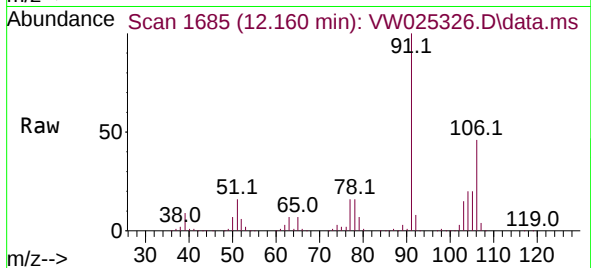
VSTD025536

Tgt Ion:106 Resp: 247620

Ion Ratio Lower Upper

106 100

91 218.9 157.6 292.8



#55

Styrene

Concen: 25.638 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.002 min

Lab File: VW025326.D

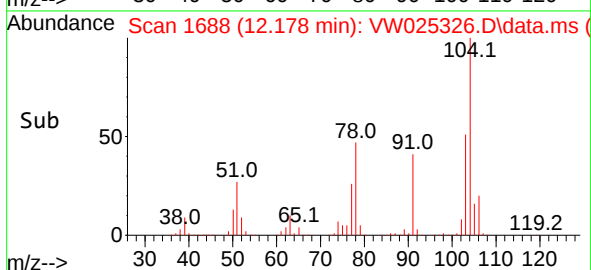
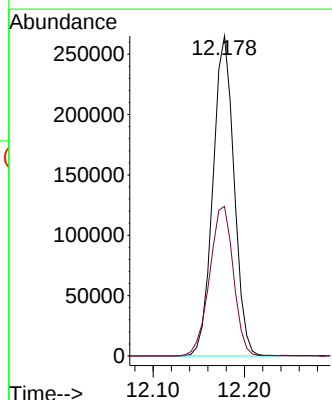
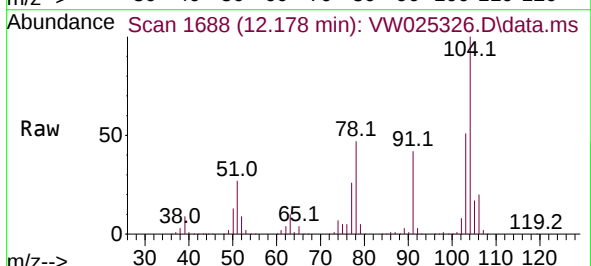
Acq: 13 Feb 2023 08:44

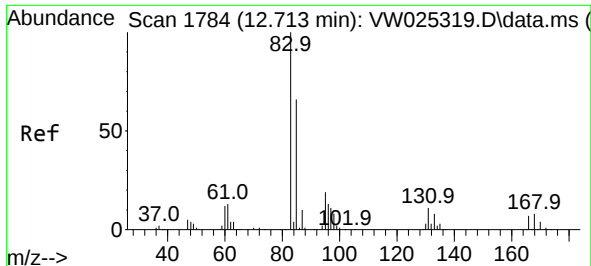
Tgt Ion:104 Resp: 425952

Ion Ratio Lower Upper

104 100

78 46.8 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 26.708 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.004 min

Lab File: VW025326.D

Acq: 13 Feb 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

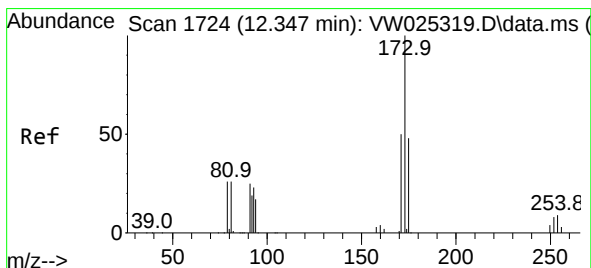
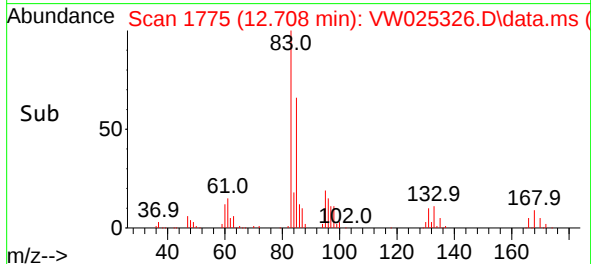
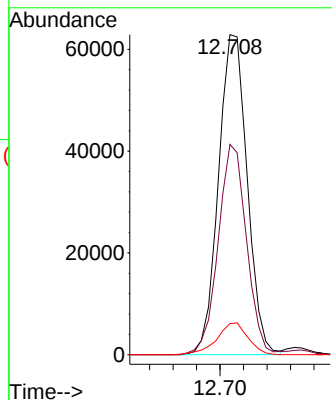
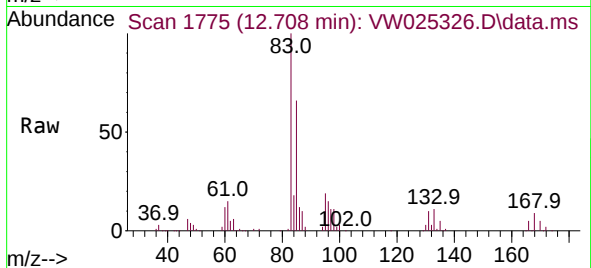
Tgt Ion: 83 Resp: 106774

Ion Ratio Lower Upper

83 100

85 65.7 44.7 83.1

131 9.7 7.8 11.6



#59

Bromoform

Concen: 27.140 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.002 min

Lab File: VW025326.D

Acq: 13 Feb 2023 08:44

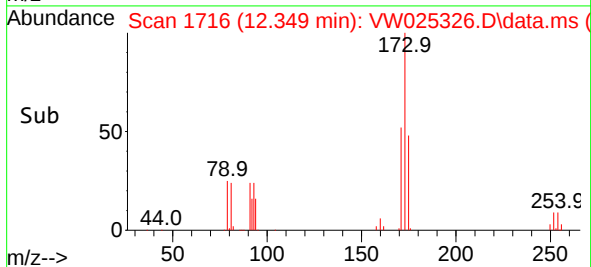
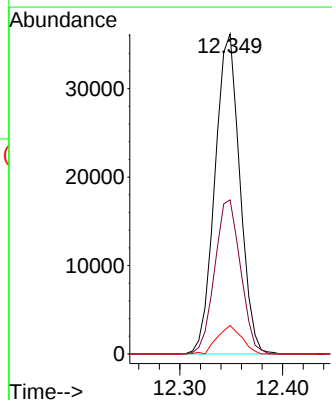
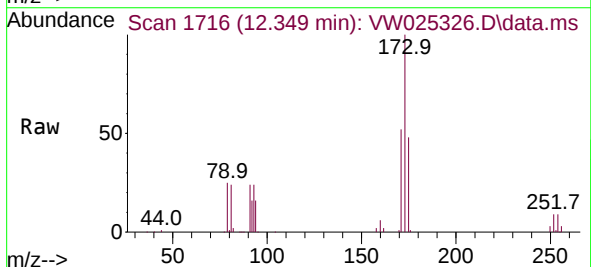
Tgt Ion:173 Resp: 60868

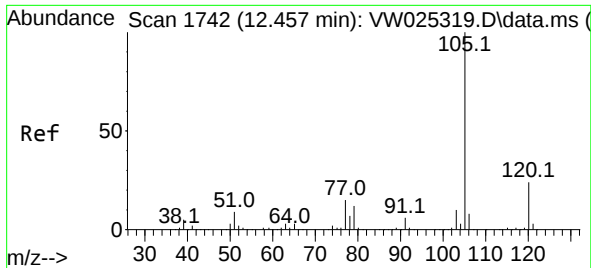
Ion Ratio Lower Upper

173 100

175 49.9 38.6 58.0

254 8.6 7.0 10.4

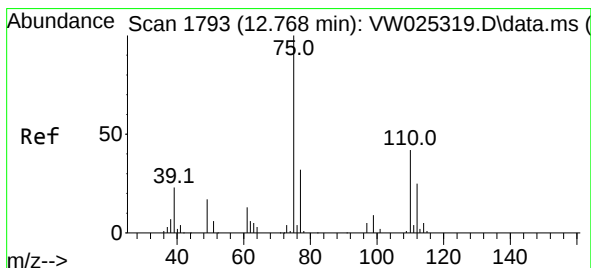
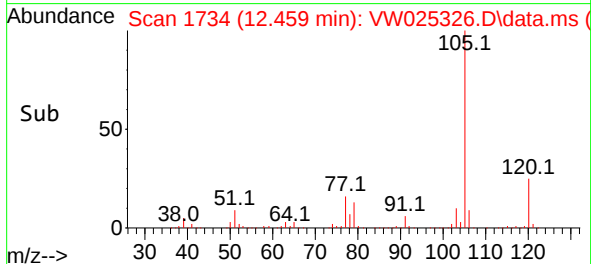
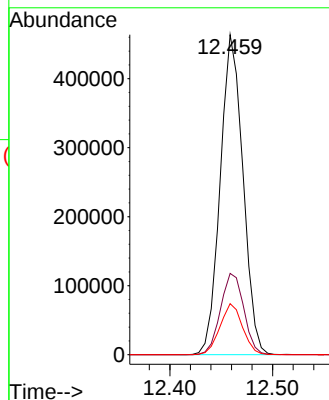
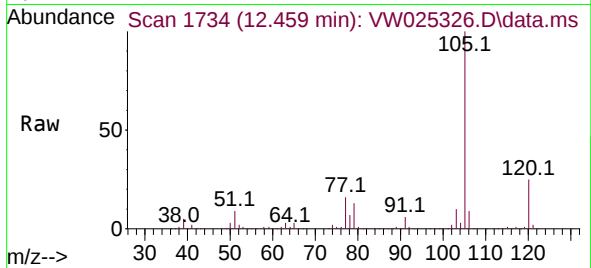




#60
Isopropylbenzene
Concen: 26.591 ug/L
RT: 12.459 min Scan# 11
Delta R.T. -0.004 min
Lab File: VW025326.D
Acq: 13 Feb 2023 08:44

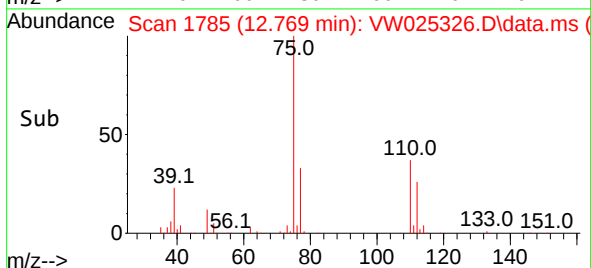
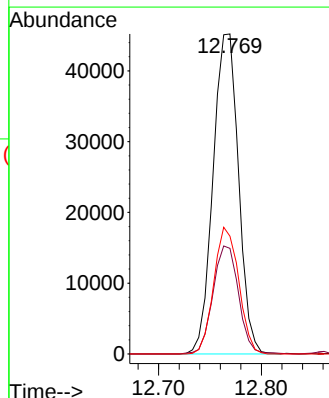
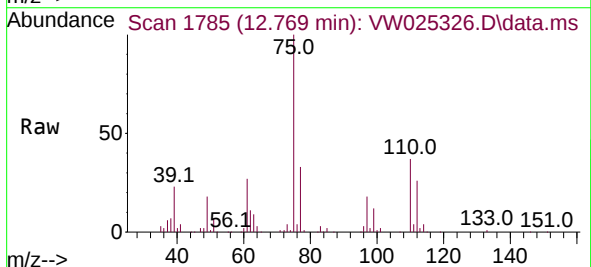
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

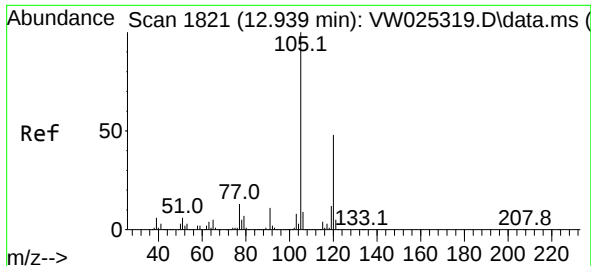
Tgt Ion:105 Resp: 711841
Ion Ratio Lower Upper
105 100
120 26.1 20.6 30.8
77 15.8 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 27.673 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.002 min
Lab File: VW025326.D
Acq: 13 Feb 2023 08:44

Tgt Ion: 75 Resp: 77777
Ion Ratio Lower Upper
75 100
77 34.0 26.7 40.1
110 38.7 33.2 49.8





#62

1,3,5-Trimethylbenzene

Concen: 27.727 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.002 min

Lab File: VW025326.D

Acq: 13 Feb 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

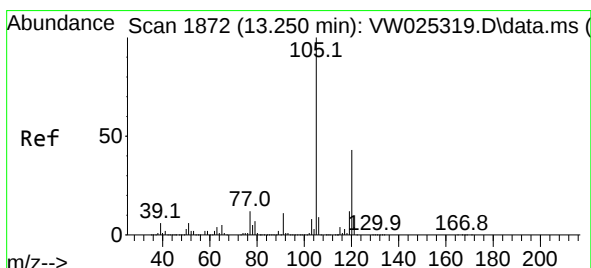
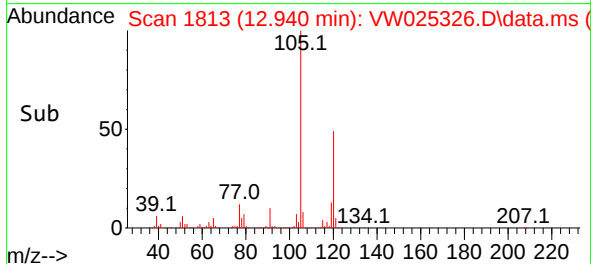
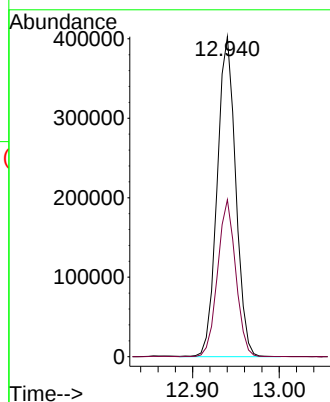
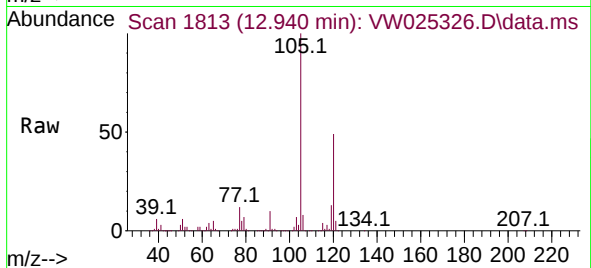
VSTD025536

Tgt Ion:105 Resp: 598403

Ion Ratio Lower Upper

105 100

120 47.9 37.0 55.4



#63

1,2,4-Trimethylbenzene

Concen: 27.105 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.004 min

Lab File: VW025326.D

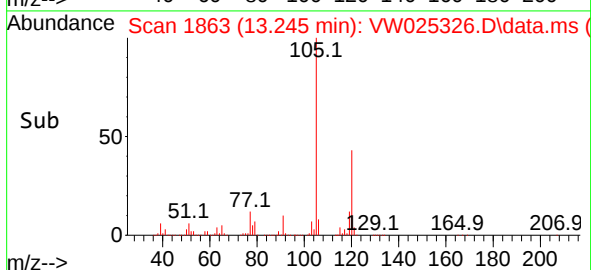
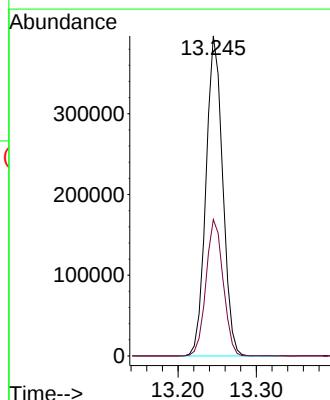
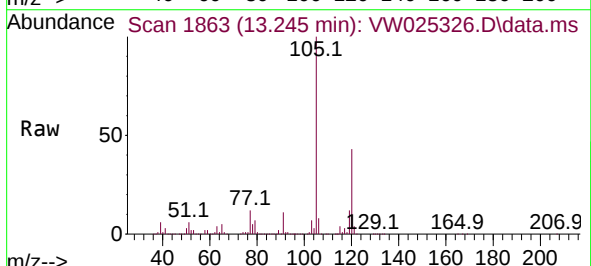
Acq: 13 Feb 2023 08:44

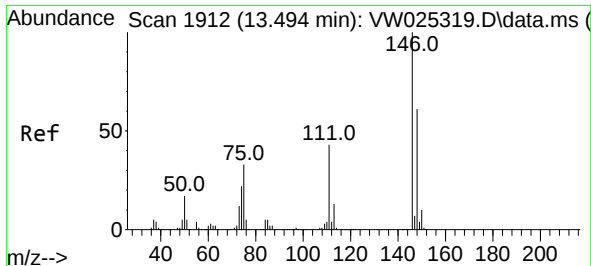
Tgt Ion:105 Resp: 586137

Ion Ratio Lower Upper

105 100

120 43.7 35.0 52.4

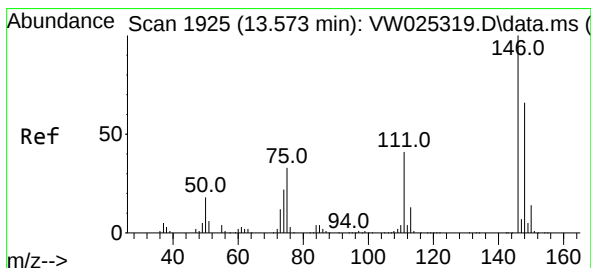
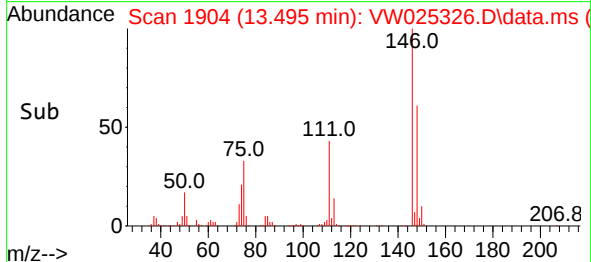
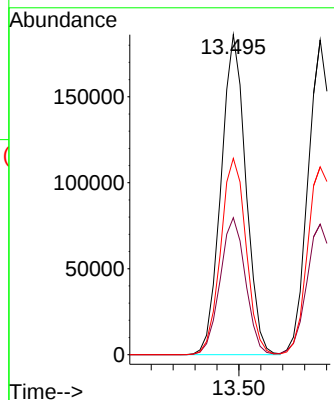
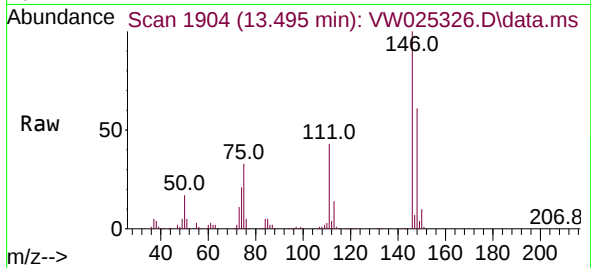




#64
1,3-Dichlorobenzene
Concen: 26.330 ug/L
RT: 13.495 min Scan# 1912
Delta R.T. -0.004 min
Lab File: VW025326.D
Acq: 13 Feb 2023 08:44

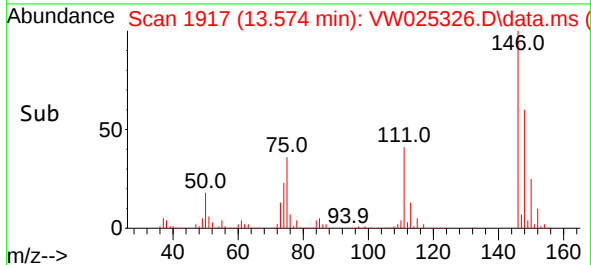
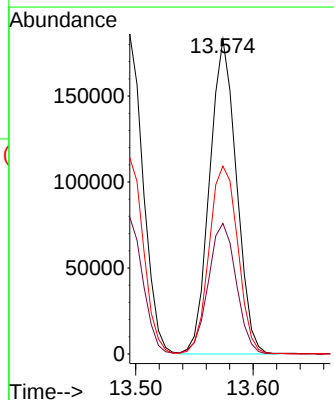
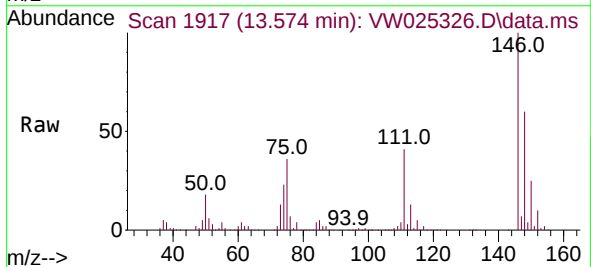
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

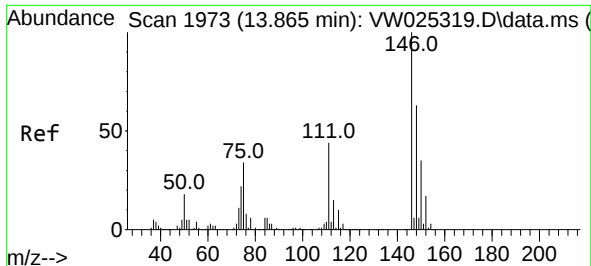
Tgt Ion:146 Resp: 292037
Ion Ratio Lower Upper
146 100
111 42.8 29.0 53.8
148 61.4 41.7 77.5



#65
1,4-Dichlorobenzene
Concen: 26.569 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.004 min
Lab File: VW025326.D
Acq: 13 Feb 2023 08:44

Tgt Ion:146 Resp: 290795
Ion Ratio Lower Upper
146 100
111 41.5 29.3 54.3
148 59.7 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 26.225 ug/L

RT: 13.867 min Scan# 1973

Delta R.T. 0.002 min

Lab File: VW025326.D

Acq: 13 Feb 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

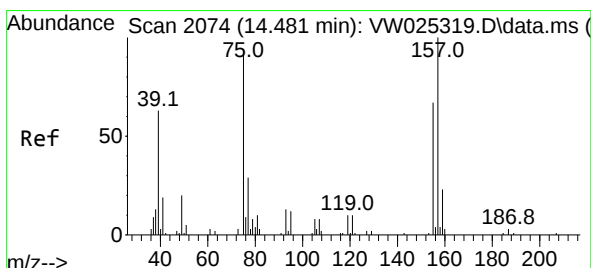
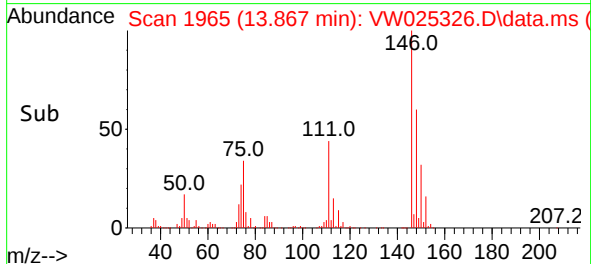
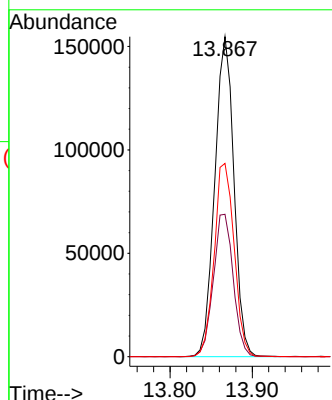
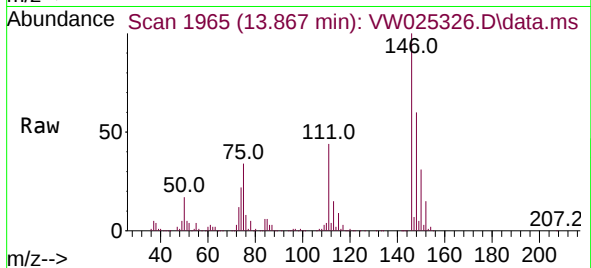
Tgt Ion:146 Resp: 250663

Ion Ratio Lower Upper

146 100

111 44.5 36.2 54.2

148 60.4 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 26.611 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.002 min

Lab File: VW025326.D

Acq: 13 Feb 2023 08:44

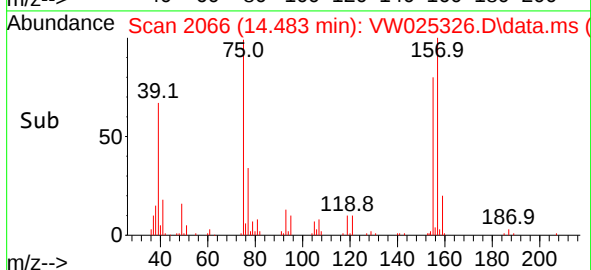
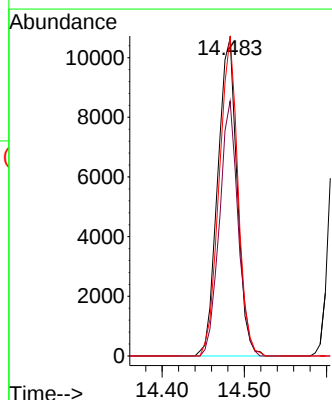
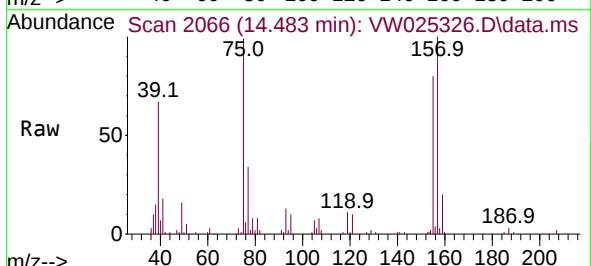
Tgt Ion: 75 Resp: 17468

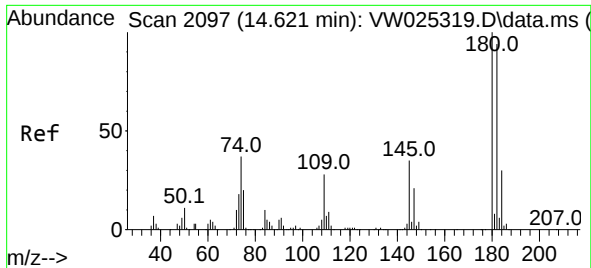
Ion Ratio Lower Upper

75 100

155 80.3 63.4 95.2

157 100.7 82.5 123.7

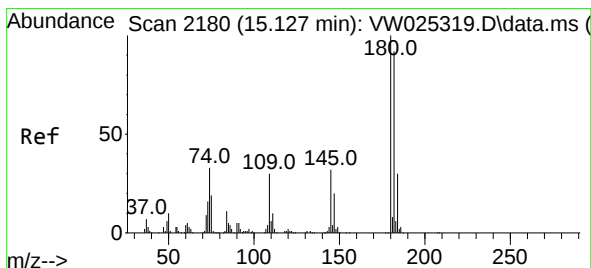
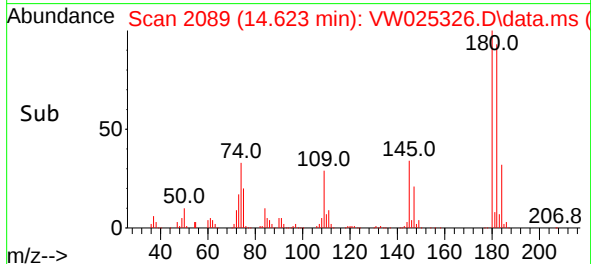
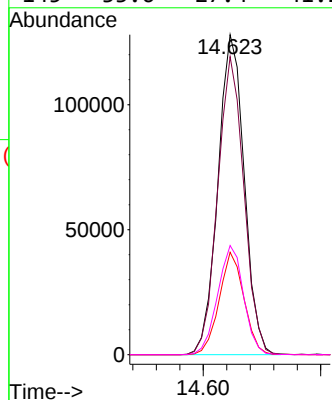
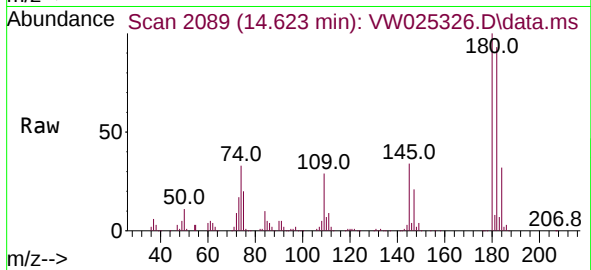




#69
 1,3,5-Trichlorobenzene
 Concen: 27.582 ug/L
 RT: 14.623 min Scan# 2097
 Delta R.T. 0.002 min
 Lab File: VW025326.D
 Acq: 13 Feb 2023 08:44

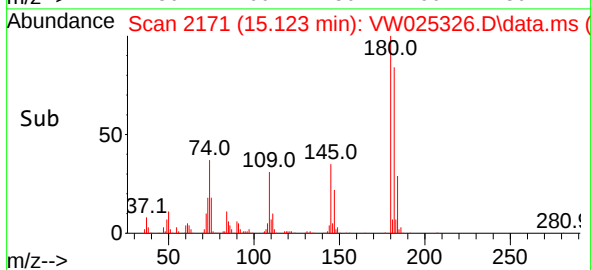
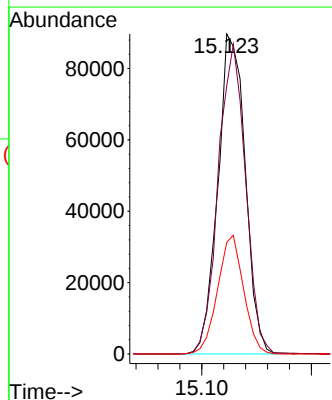
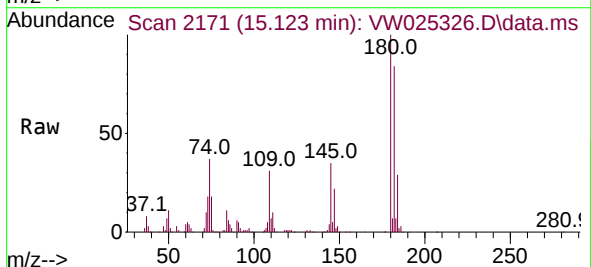
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025536

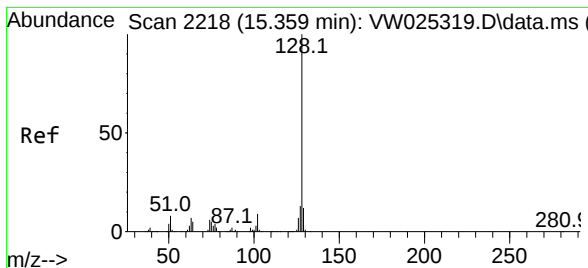
Tgt Ion:180	Resp: 198941
Ion Ratio	Lower Upper
180	100
182	92.8 77.7 116.5
184	30.2 24.4 36.6
145	33.6 27.4 41.2



#70
 1,2,4-trichlorobenzene
 Concen: 26.498 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. -0.004 min
 Lab File: VW025326.D
 Acq: 13 Feb 2023 08:44

Tgt Ion:180	Resp: 155624
Ion Ratio	Lower Upper
180	100
182	96.3 76.4 114.6
145	35.3 27.4 41.2





#71

Naphthalene

Concen: 27.898 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.002 min

Lab File: VW025326.D

Acq: 13 Feb 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

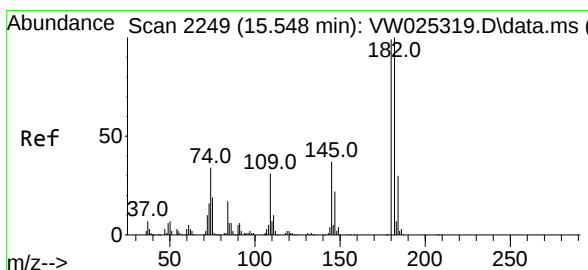
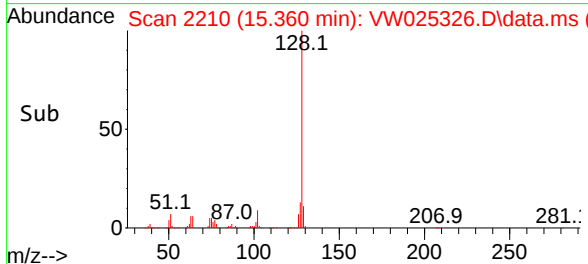
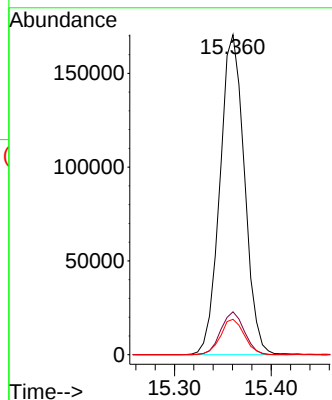
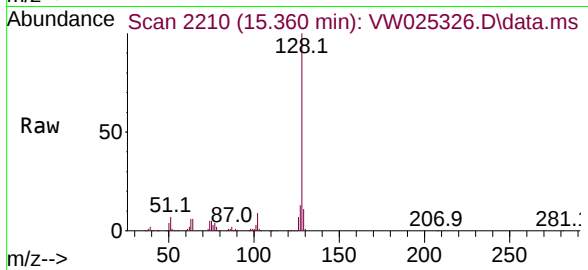
Tgt Ion:128 Resp: 299526

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 27.274 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.002 min

Lab File: VW025326.D

Acq: 13 Feb 2023 08:44

Tgt Ion:180 Resp: 137536

Ion Ratio Lower Upper

180 100

182 94.4 75.1 112.7

145 35.3 28.8 43.2

