

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020723\
 Data File : VW025300.D
 Acq On : 07 Feb 2023 10:23
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025530

Quant Time: Feb 07 20:09:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 07 00:17:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	274052	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	240501	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	119564	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	51254	19.327	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.320%
7) Chloroethane-d5	2.897	69	43665	18.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.160%
11) 1,1-Dichloroethene-d2	4.025	63	162047	22.037	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.160%
21) 2-Butanone-d5	7.080	46	29680	43.112	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.220%
24) Chloroform-d	7.647	84	170004	23.668	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.680%
26) 1,2-Dichloroethane-d4	8.305	65	90500	25.865	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.480%
32) Benzene-d6	8.275	84	306233	21.009	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.040%
36) 1,2-Dichloropropane-d6	9.274	67	85414	20.027	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.120%
41) Toluene-d8	10.323	98	284583	21.841	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.360%
43) trans-1,3-Dichloroprop...	10.573	79	38609	24.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.920%
47) 2-Hexanone-d5	10.926	63	23322	48.772	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.540%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	61558	21.225	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	93098	22.443	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.020	85	90442	24.389	ug/L	91
3) Chloromethane	2.227	50	69176	19.434	ug/L	98
5) Vinyl chloride	2.373	62	80458	22.194	ug/L	95
6) Bromomethane	2.788	94	53012	21.357	ug/L	98
8) Chloroethane	2.934	64	46783	20.672	ug/L	96
9) Trichlorofluoromethane	3.269	101	119918	22.997	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	95371	25.223	ug/L	95
12) 1,1-Dichloroethene	4.044	96	91406	24.353	ug/L	94
13) Acetone	4.129	43	34034	44.835	ug/L	99
14) Carbon disulfide	4.385	76	286493	23.357	ug/L	99
15) Methyl Acetate	4.672	43	28667	22.070	ug/L	97
16) Methylene chloride	4.915	84	94178	20.187	ug/L	92
17) trans-1,2-Dichloroethene	5.427	96	96443	23.926	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	141556	24.429	ug/L	98
19) 1,1-Dichloroethane	6.220	63	173551	24.180	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	104705	24.739	ug/L	100
22) 2-Butanone	7.171	43	39340	42.617	ug/L	96
23) Bromochloromethane	7.512	128	42695	24.490	ug/L	94
25) Chloroform	7.677	83	194464	26.339	ug/L	99

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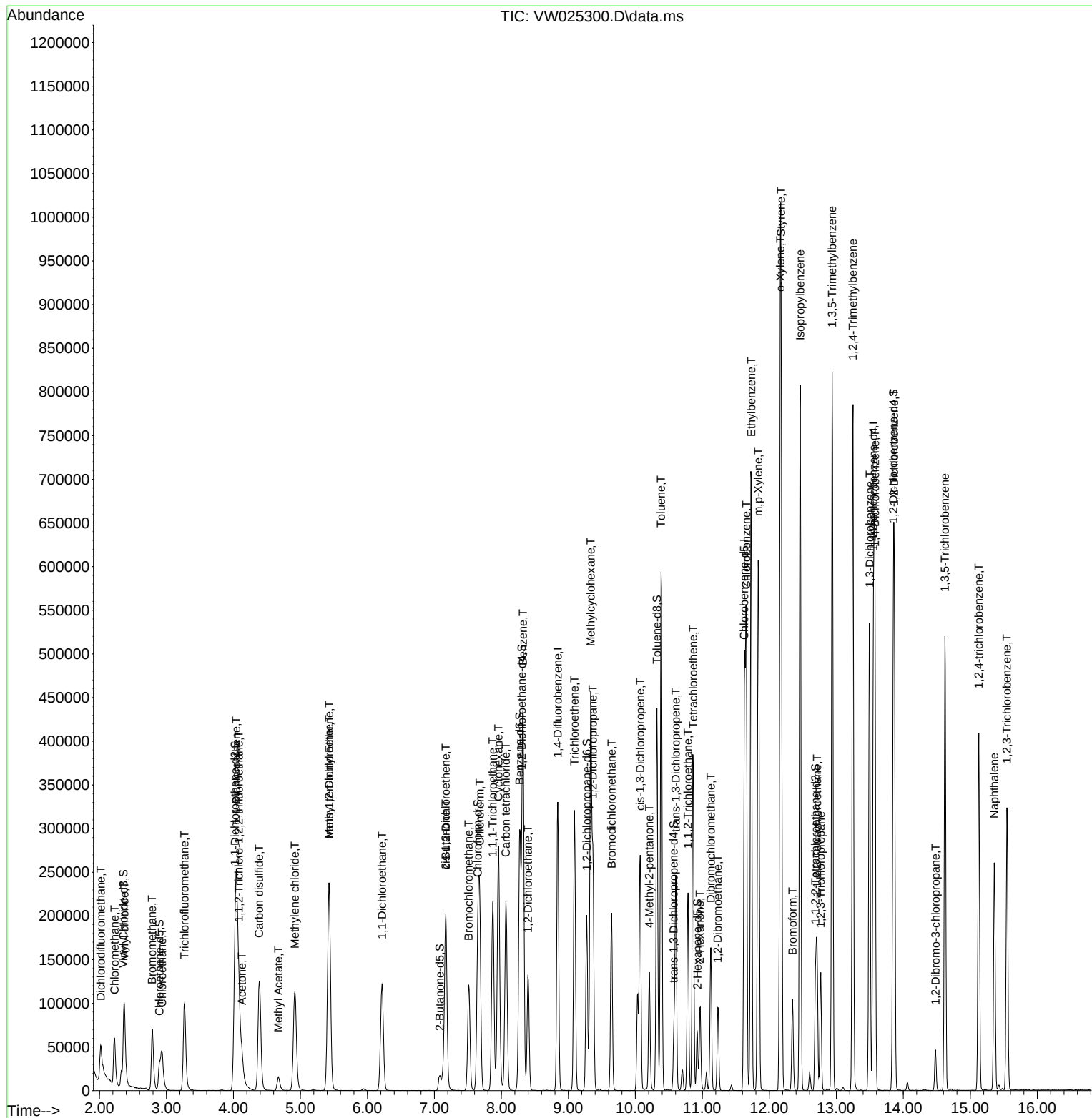
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27) 1,2-Dichloroethane	8.396	62	128225	28.516	ug/L	98
29) Cyclohexane	7.957	56	151025	21.806	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	179985	26.384	ug/L	99
31) Carbon tetrachloride	8.067	117	166695	26.419	ug/L	99
33) Benzene	8.323	78	390175	23.443	ug/L	100
34) Trichloroethene	9.091	95	110642	23.734	ug/L	98
35) Methylcyclohexane	9.335	83	183998	22.112	ug/L	99
37) 1,2-Dichloropropane	9.366	63	90323	22.004	ug/L	99
38) Bromodichloromethane	9.646	83	135786	24.878	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	158500	23.583	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	79553	43.894	ug/L	99
42) Toluene	10.384	91	428341	25.881	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	134036	27.978	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	68730	26.567	ug/L	98
46) Tetrachloroethene	10.866	164	82988	27.855	ug/L	92
48) 2-Hexanone	10.963	43	56376	49.272	ug/L	98
49) Dibromochloromethane	11.128	129	84798	29.021	ug/L	94
50) 1,2-Dibromoethane	11.231	107	63383	26.746	ug/L	99
51) Chlorobenzene	11.658	112	271463	24.923	ug/L	98
52) Ethylbenzene	11.731	91	501088	25.269	ug/L	100
53) m,p-Xylene	11.835	106	191516	25.483	ug/L	95
54) o-Xylene	12.164	106	179589	23.738	ug/L	100
55) Styrene	12.176	104	306273	23.909	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	71528	23.205	ug/L	99
59) Bromoform	12.347	173	44943	26.494	ug/L	99
60) Isopropylbenzene	12.463	105	523345	25.846	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	53977	25.391	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	433621	26.563	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	427324	26.125	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	213384	25.436	ug/L	99
65) 1,4-Dichlorobenzene	13.578	146	213765	25.822	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	182458	25.238	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	12867	25.915	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	146689	26.888	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	121653	27.385	ug/L	98
71) Naphthalene	15.359	128	217023	26.725	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	99723	26.145	ug/L	97

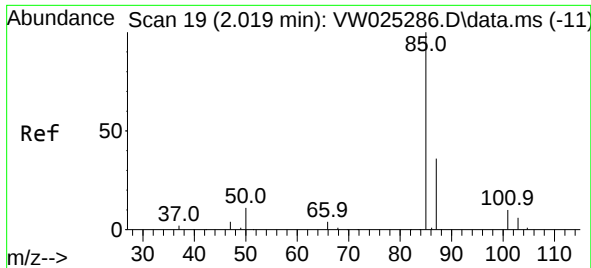
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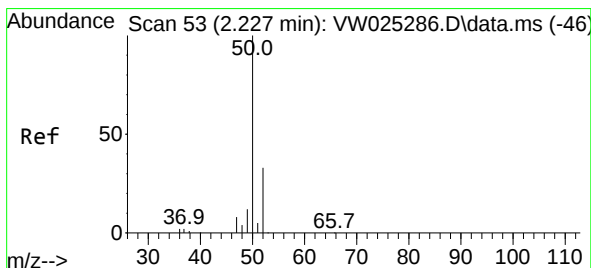
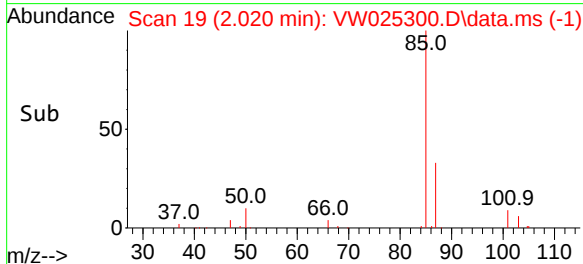
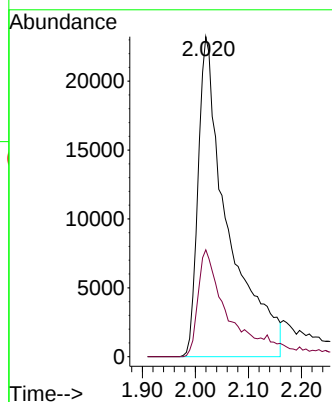
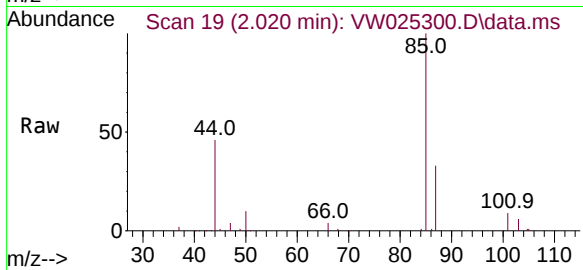




#2
 Dichlorodifluoromethane
 Concen: 24.389 ug/L
 RT: 2.020 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VW025300.D
 Acq: 07 Feb 2023 10:23

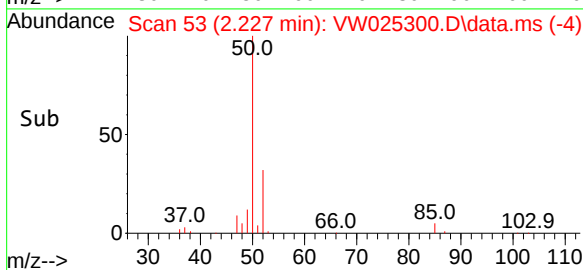
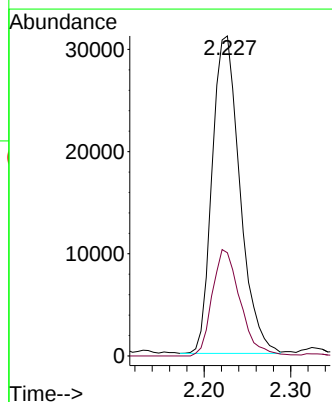
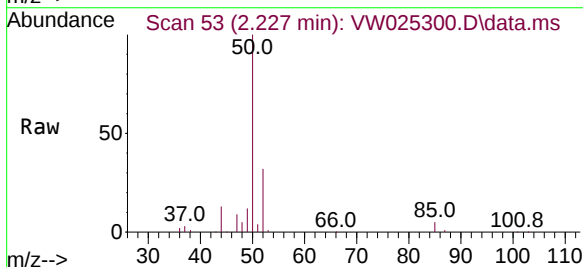
Instrument :
 MSVOA_W
 ClientSampleId :
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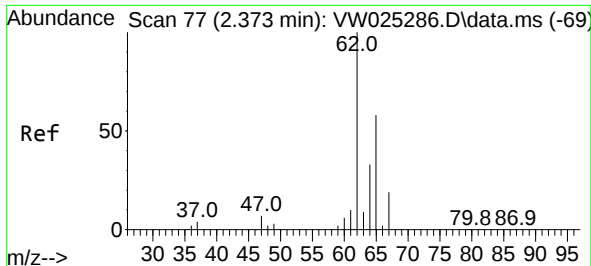
Tgt Ion: 85 Resp: 90442
 Ion Ratio Lower Upper
 85 100
 87 24.5 23.3 34.9



#3
 Chloromethane
 Concen: 19.434 ug/L
 RT: 2.227 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VW025300.D
 Acq: 07 Feb 2023 10:23

Tgt Ion: 50 Resp: 69176
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.0 40.8

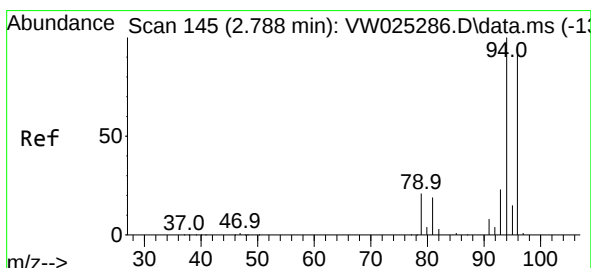
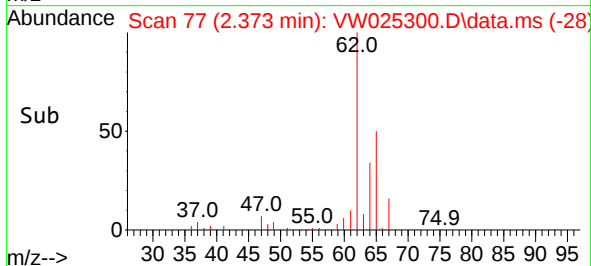
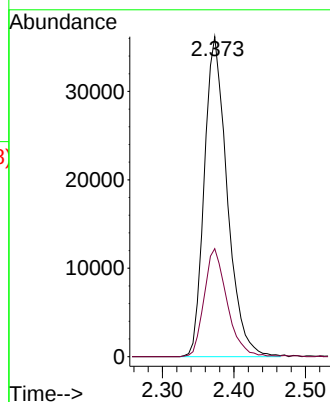
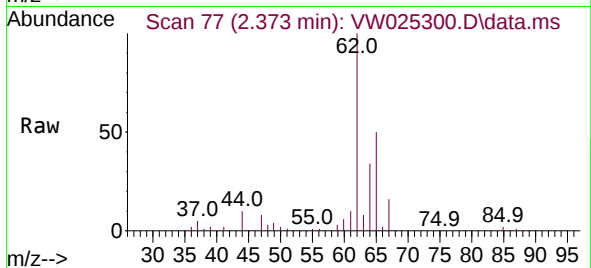




#5
 Vinyl chloride
 Concen: 22.194 ug/L
 RT: 2.373 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW025300.D
 Acq: 07 Feb 2023 10:23

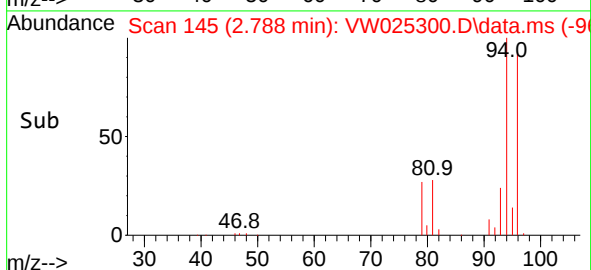
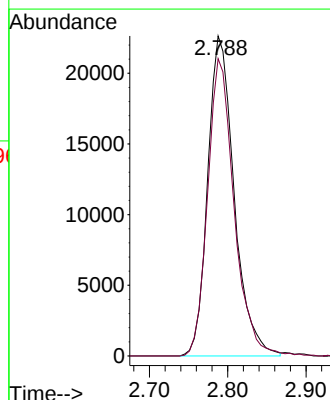
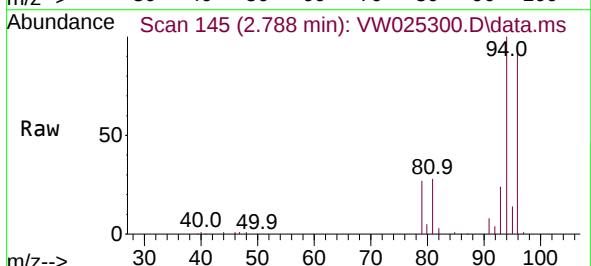
Instrument :
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 ClientSampleId :
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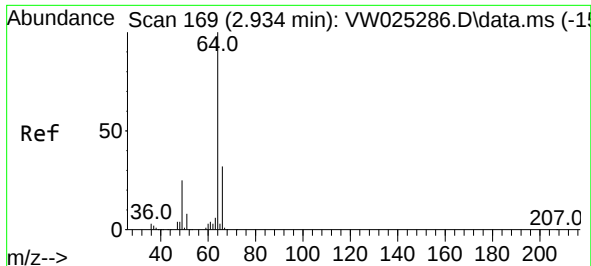
Tgt Ion: 62 Resp: 80458
 Ion Ratio Lower Upper
 62 100
 64 33.7 21.8 40.6



#6
 Bromomethane
 Concen: 21.357 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VW025300.D
 Acq: 07 Feb 2023 10:23

Tgt Ion: 94 Resp: 53012
 Ion Ratio Lower Upper
 94 100
 96 92.9 66.3 123.1

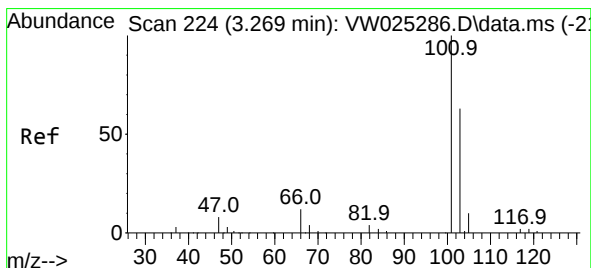
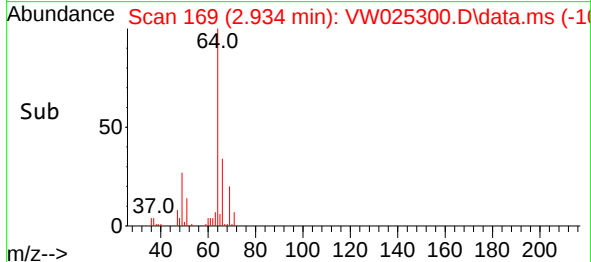
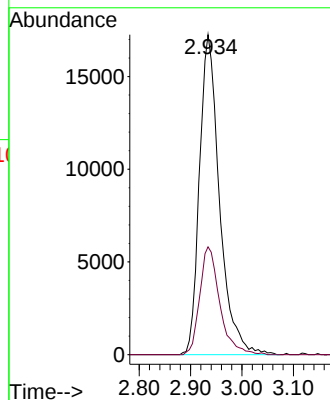
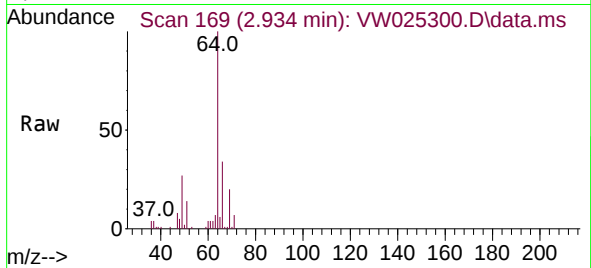




#8
Chloroethane
Concen: 20.672 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.000 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

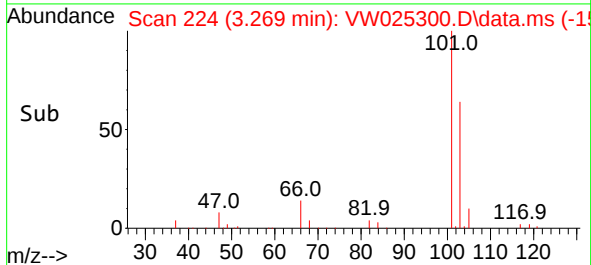
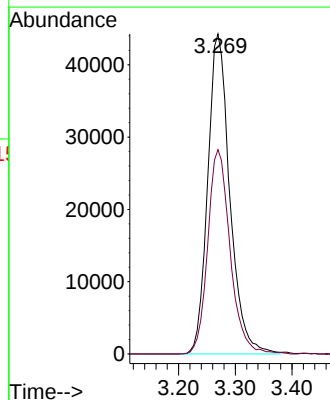
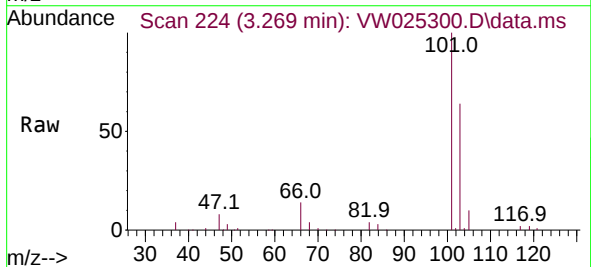
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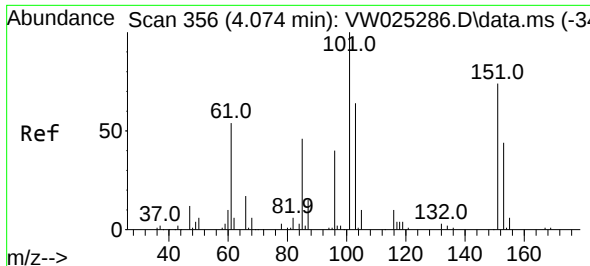
Tgt Ion: 64 Resp: 46783
Ion Ratio Lower Upper
64 100
66 33.7 21.9 40.7



#9
Trichlorofluoromethane
Concen: 22.997 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.000 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

Tgt Ion: 101 Resp: 119918
Ion Ratio Lower Upper
101 100
103 64.6 52.4 78.6

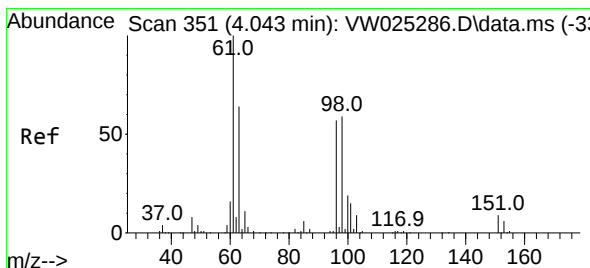
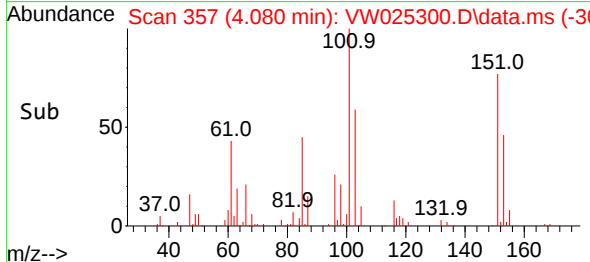
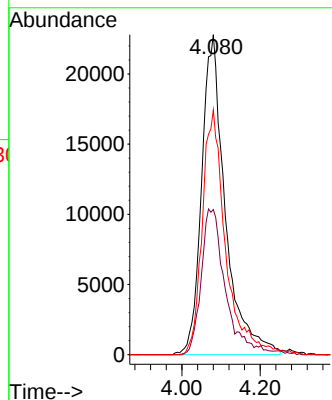
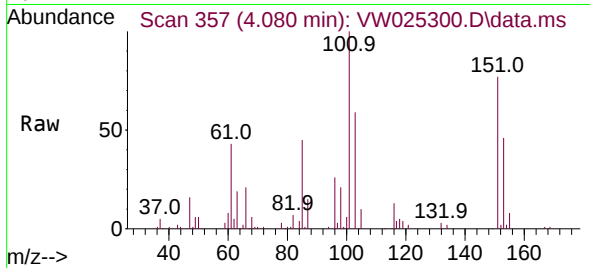




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.223 ug/L
 RT: 4.080 min Scan# 356
 Delta R.T. 0.006 min
 Lab File: VW025300.D
 Acq: 07 Feb 2023 10:23

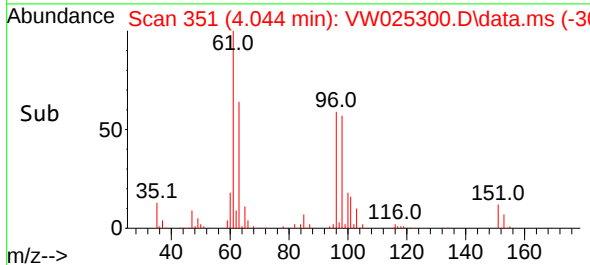
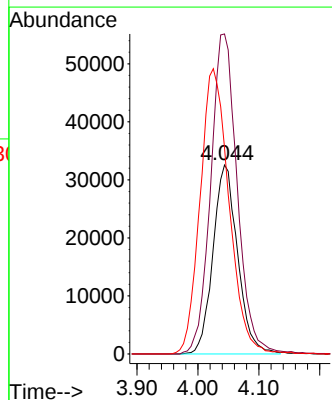
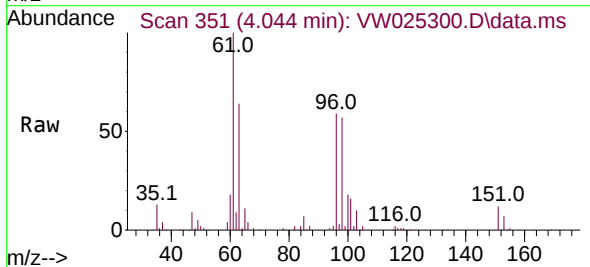
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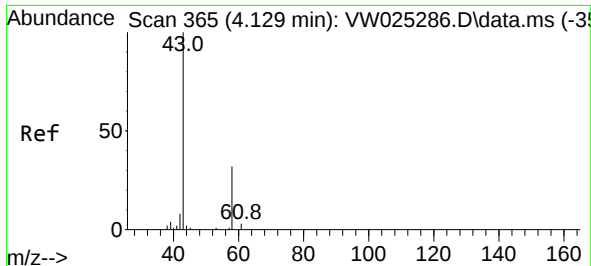
Tgt Ion:101 Resp: 95371
 Ion Ratio Lower Upper
 101 100
 85 42.0 32.8 49.2
 151 74.1 54.7 82.1



#12
 1,1-Dichloroethene
 Concen: 24.353 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW025300.D
 Acq: 07 Feb 2023 10:23

Tgt Ion: 96 Resp: 91406
 Ion Ratio Lower Upper
 96 100
 61 169.4 120.8 224.4
 63 109.1 85.7 159.1





#13

Acetone

Concen: 44.835 ug/L

RT: 4.129 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW025300.D

Acq: 07 Feb 2023 10:23

Instrument :

MSVOA_W

ClientSampleId :

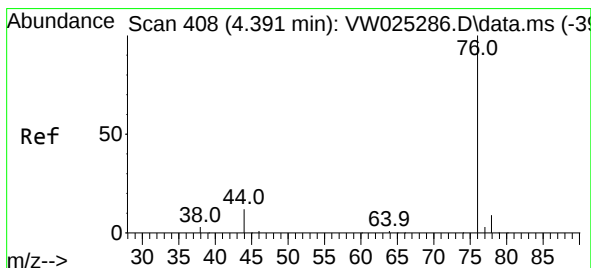
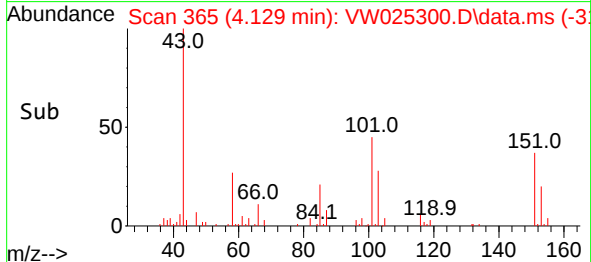
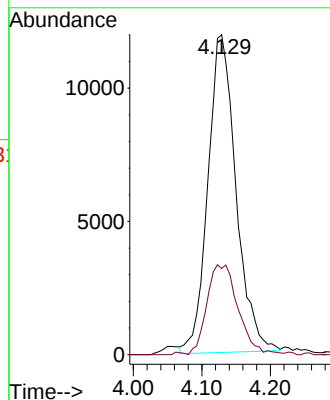
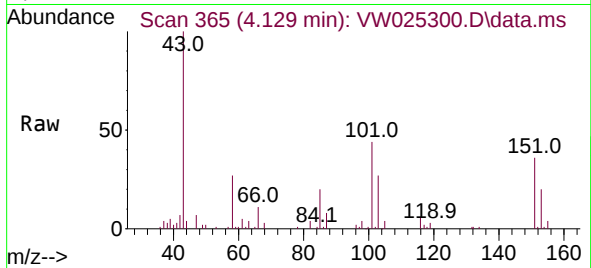
VSTD025530

Tgt Ion: 43 Resp: 34034

Ion Ratio Lower Upper

43 100

58 30.8 0.0 63.0



#14

Carbon disulfide

Concen: 23.357 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.006 min

Lab File: VW025300.D

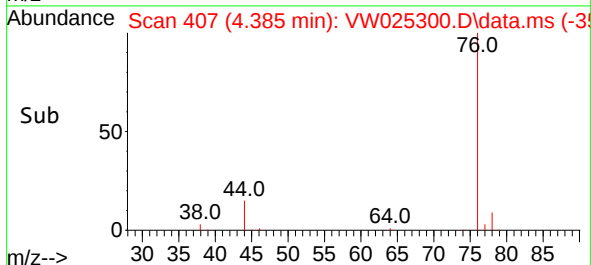
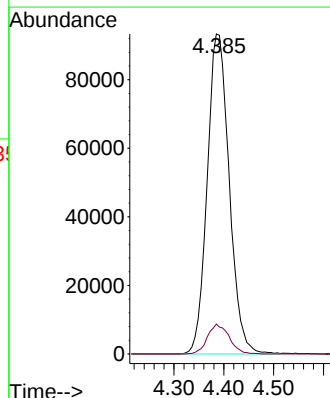
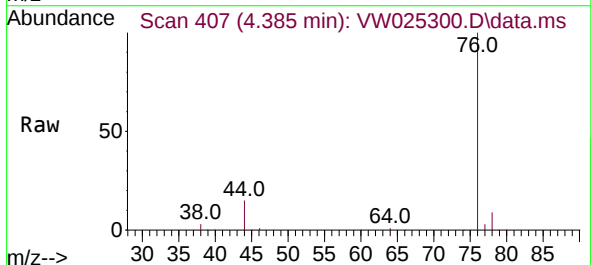
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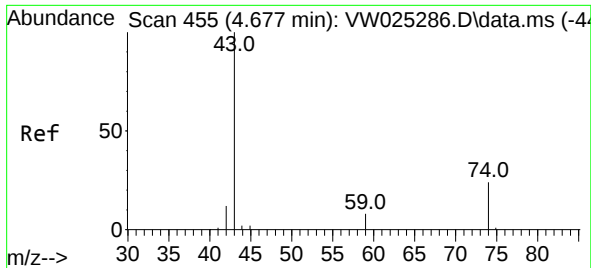
Tgt Ion: 76 Resp: 286493

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

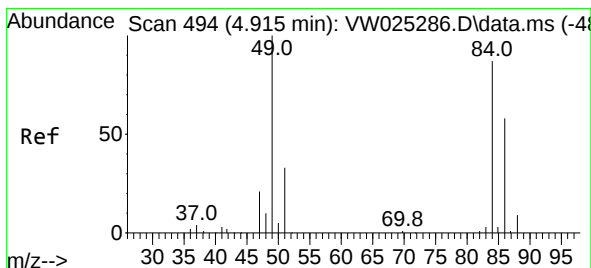
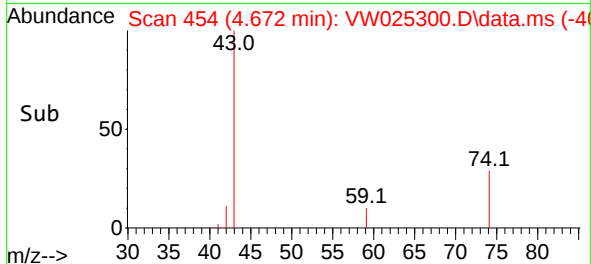
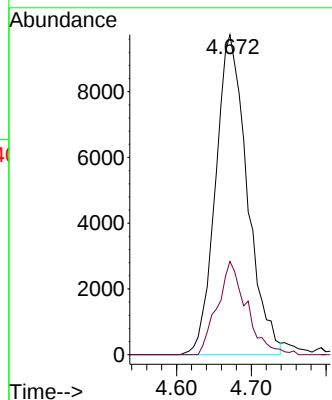
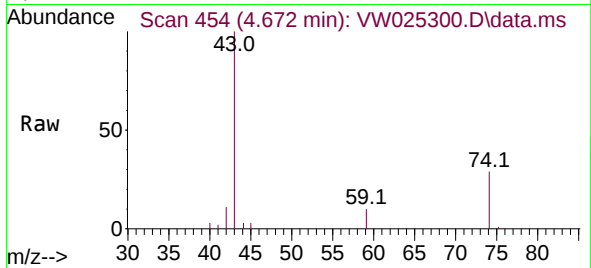




#15
Methyl Acetate
Concen: 22.070 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

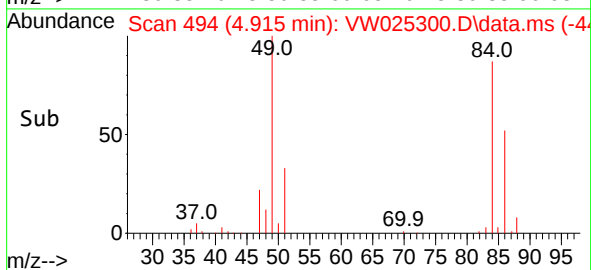
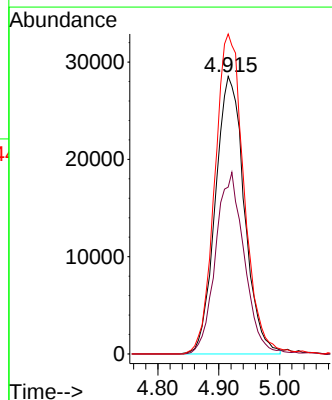
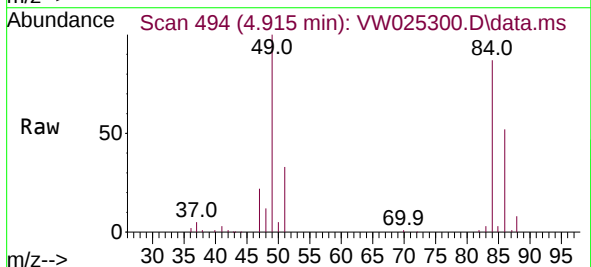
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

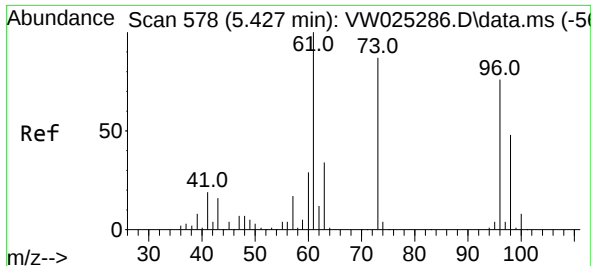
Tgt Ion: 43 Resp: 28667
Ion Ratio Lower Upper
43 100
74 26.8 20.2 30.2



#16
Methylene chloride
Concen: 20.187 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

Tgt Ion: 84 Resp: 94178
Ion Ratio Lower Upper
84 100
86 60.1 47.2 87.6
49 115.3 86.5 160.7

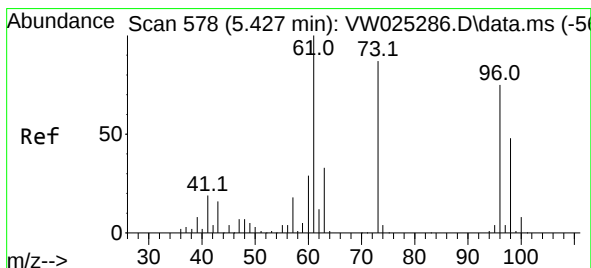
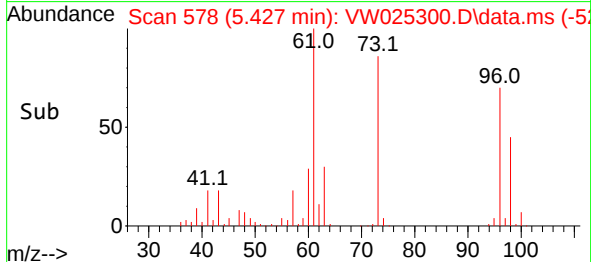
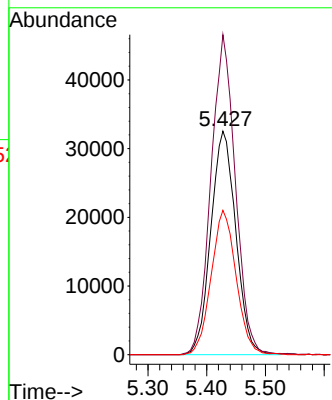
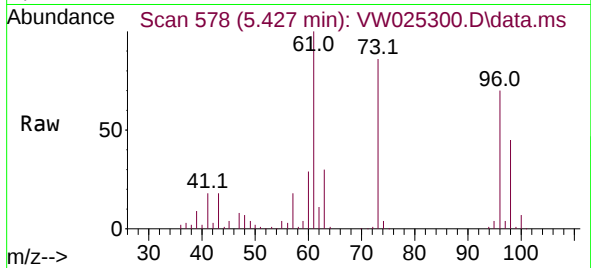




#17
trans-1,2-Dichloroethene
Concen: 23.926 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

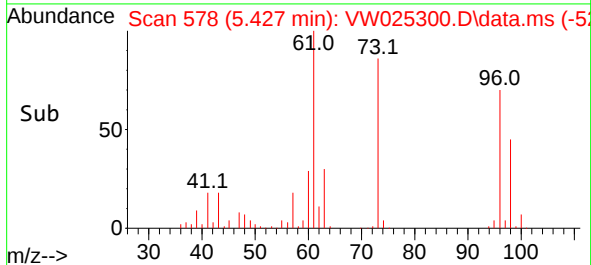
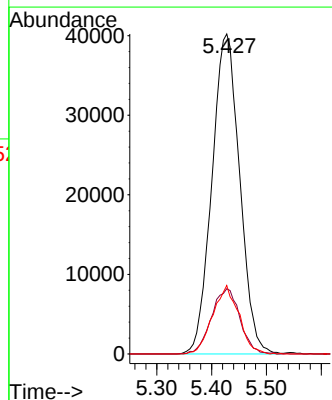
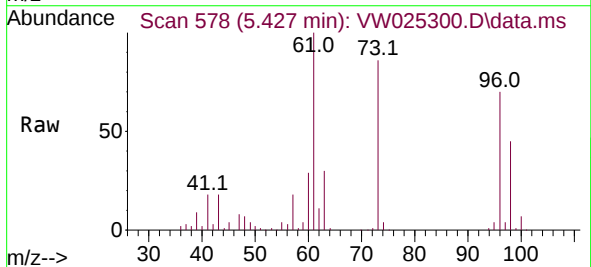
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

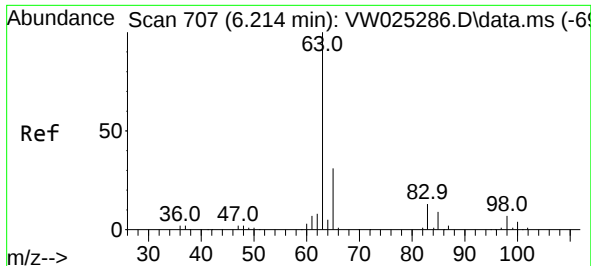
Tgt Ion: 96 Resp: 96443
Ion Ratio Lower Upper
96 100
61 143.1 98.4 182.8
98 64.5 43.5 80.9



#18
Methyl tert-butyl Ether
Concen: 24.429 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

Tgt Ion: 73 Resp: 141556
Ion Ratio Lower Upper
73 100
43 20.9 15.8 23.6
57 20.2 17.0 25.4

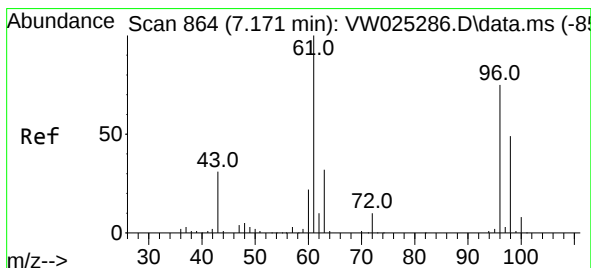
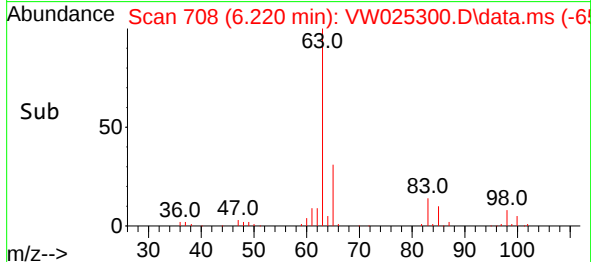
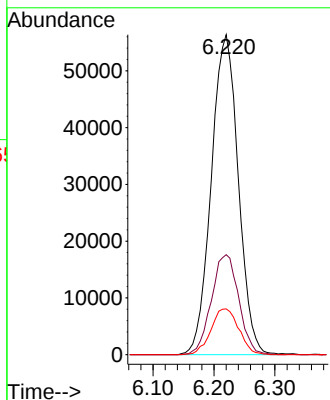
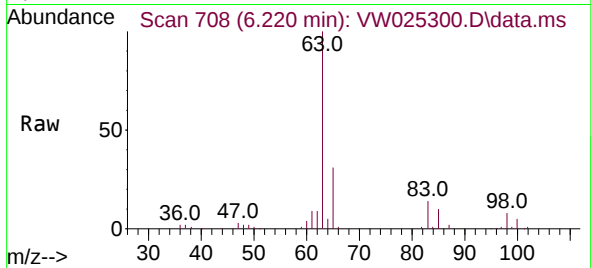




#19
 1,1-Dichloroethane
 Concen: 24.180 ug/L
 RT: 6.220 min Scan# 707
 Delta R.T. 0.006 min
 Lab File: VW025300.D
 Acq: 07 Feb 2023 10:23

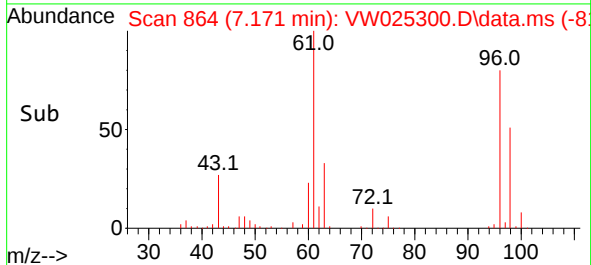
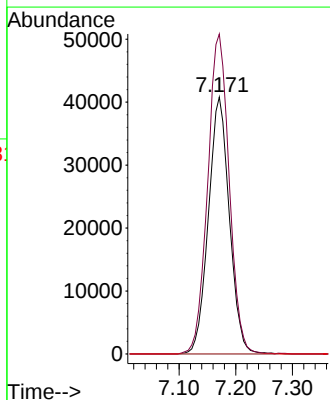
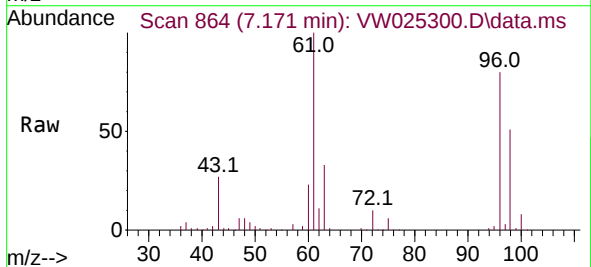
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025530

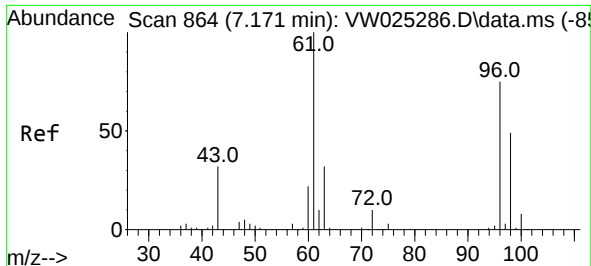
Tgt Ion: 63 Resp: 173551
 Ion Ratio Lower Upper
 63 100
 65 31.3 22.0 41.0
 83 14.3 9.5 17.7



#20
 cis-1,2-Dichloroethene
 Concen: 24.739 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW025300.D
 Acq: 07 Feb 2023 10:23

Tgt Ion: 96 Resp: 104705
 Ion Ratio Lower Upper
 96 100
 61 124.6 87.2 162.0
 68 0.0 0.0 0.0

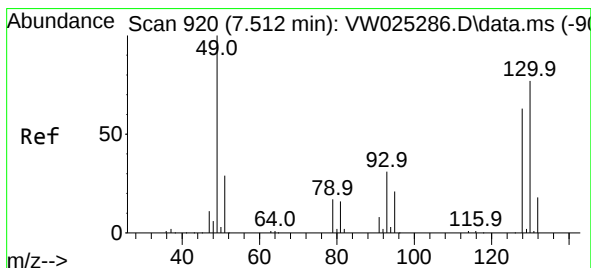
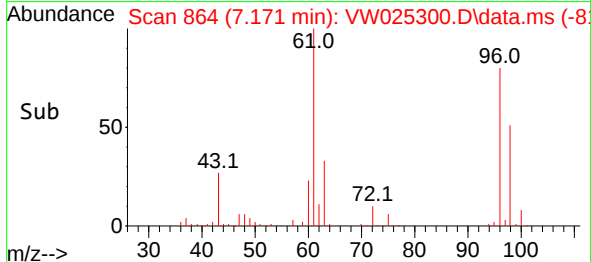
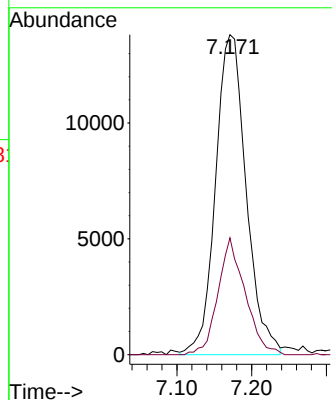
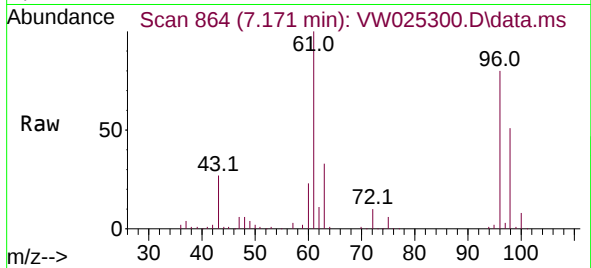




#22
2-Butanone
Concen: 42.617 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

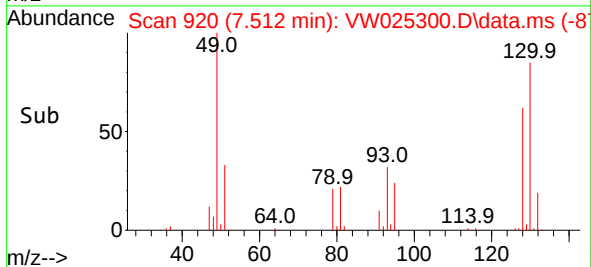
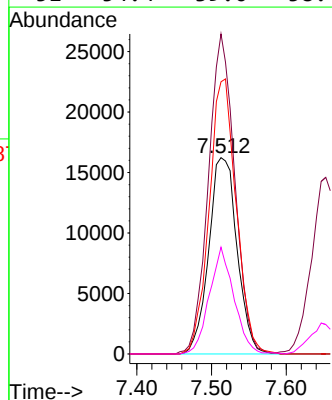
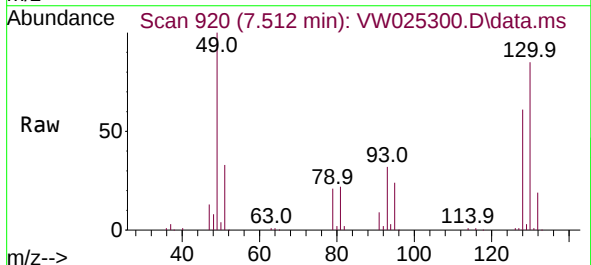
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

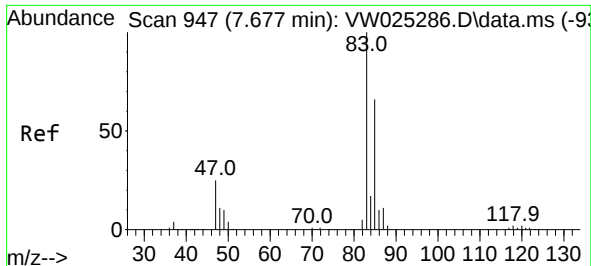
Tgt Ion: 43 Resp: 39340
Ion Ratio Lower Upper
43 100
72 32.4 15.2 45.6



#23
Bromochloromethane
Concen: 24.490 ug/L
RT: 7.512 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

Tgt Ion: 128 Resp: 42695
Ion Ratio Lower Upper
128 100
49 163.0 109.0 202.4
130 138.7 93.3 173.3
51 54.4 39.0 58.4

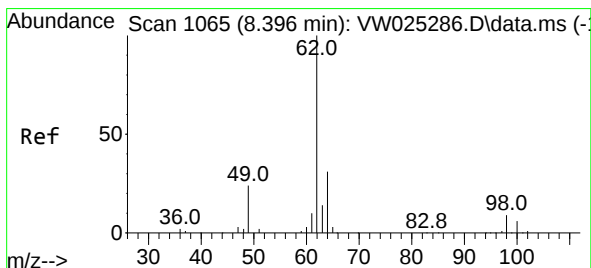
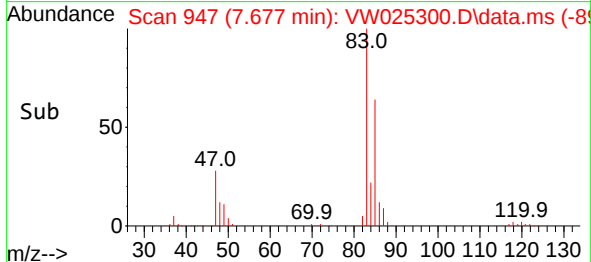
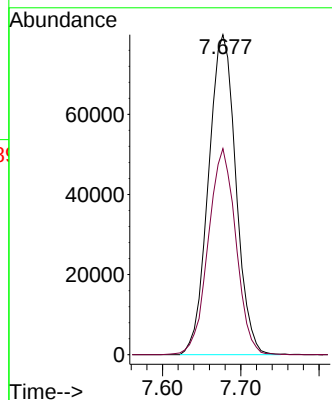
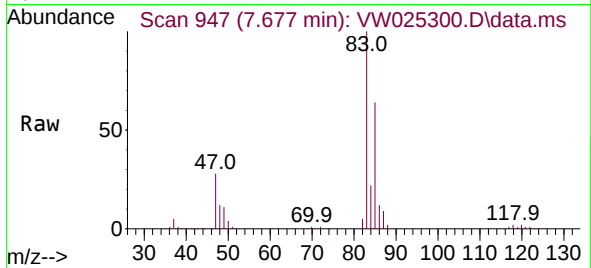




#25
Chloroform
Concen: 26.339 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

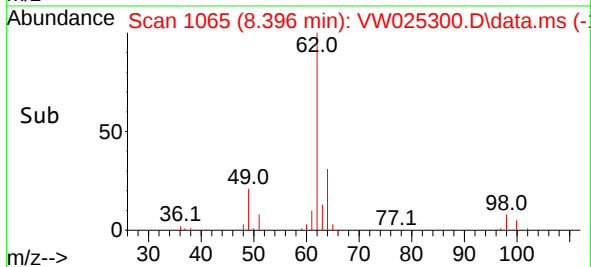
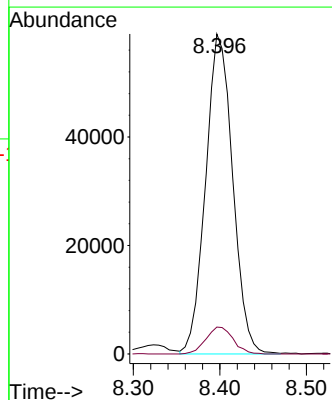
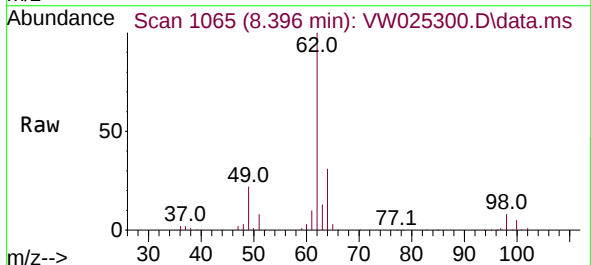
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

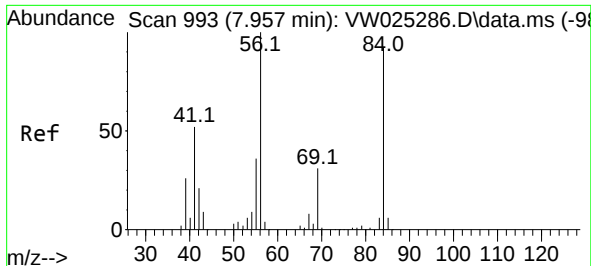
Tgt Ion: 83 Resp: 194464
Ion Ratio Lower Upper
83 100
85 64.4 45.8 85.0



#27
1,2-Dichloroethane
Concen: 28.516 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

Tgt Ion: 62 Resp: 128225
Ion Ratio Lower Upper
62 100
98 8.4 7.4 11.0





#29

Cyclohexane

Concen: 21.806 ug/L

RT: 7.957 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW025300.D

Acq: 07 Feb 2023 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025530

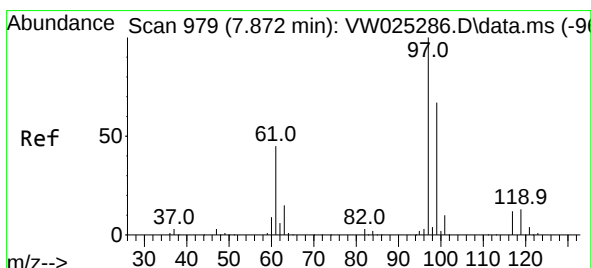
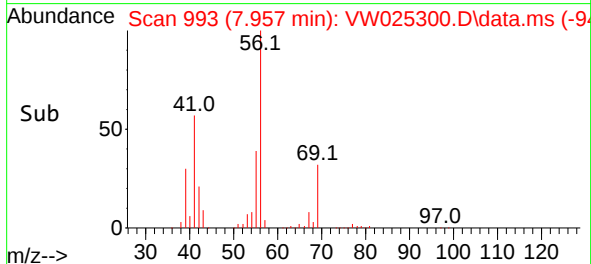
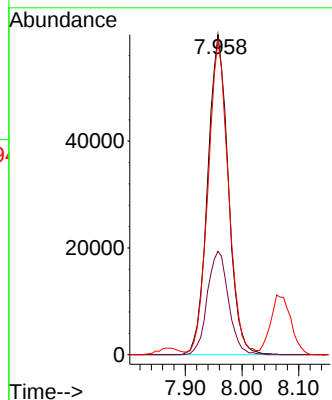
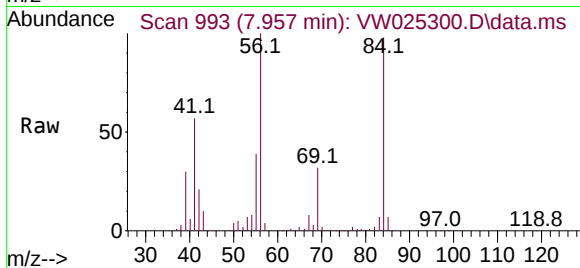
Tgt Ion: 56 Resp: 151025

Ion Ratio Lower Upper

56 100

69 33.2 25.1 37.7

84 97.2 73.2 109.8



#30

1,1,1-Trichloroethane

Concen: 26.384 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW025300.D

Acq: 07 Feb 2023 10:23

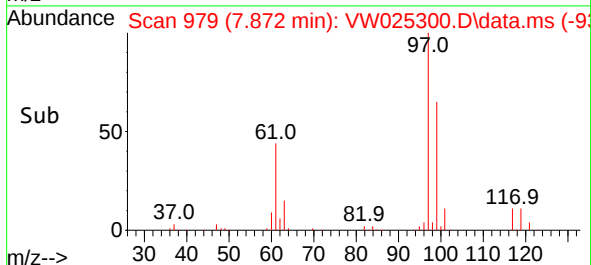
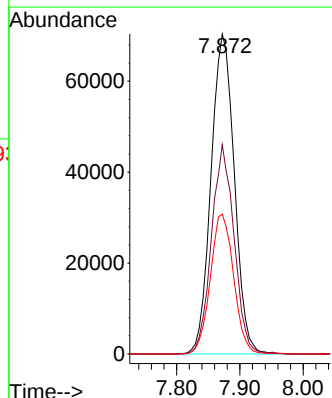
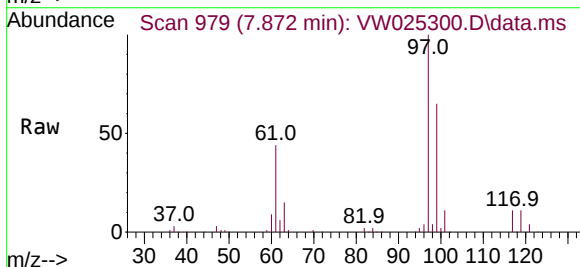
Tgt Ion: 97 Resp: 179985

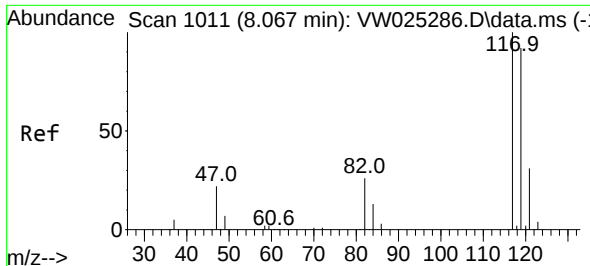
Ion Ratio Lower Upper

97 100

99 63.3 51.2 76.8

61 43.7 35.0 52.6

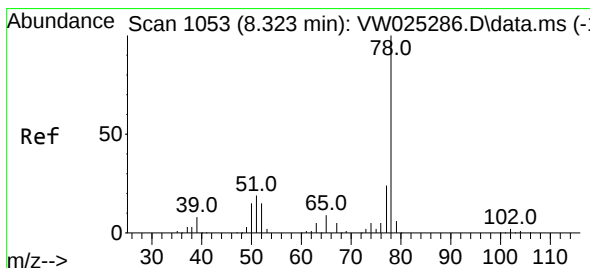
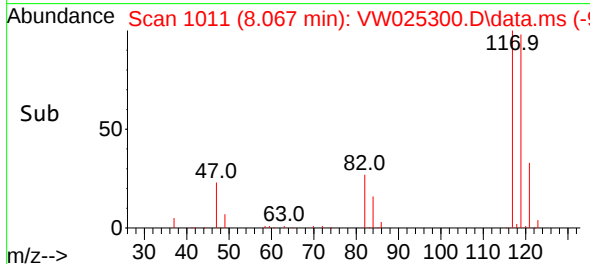
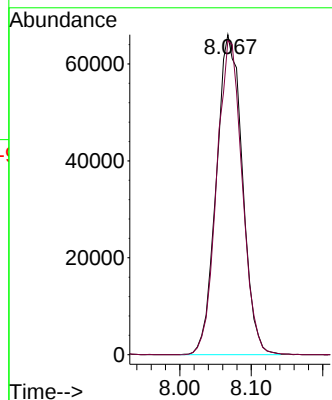
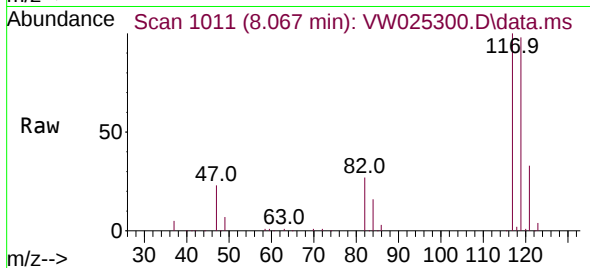




#31
Carbon tetrachloride
Concen: 26.419 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

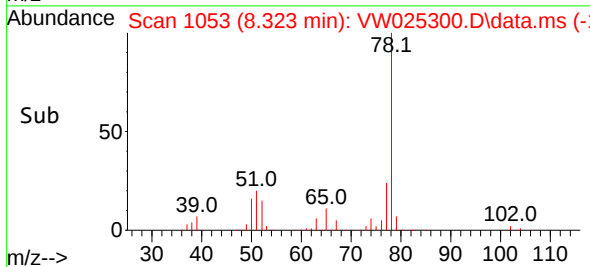
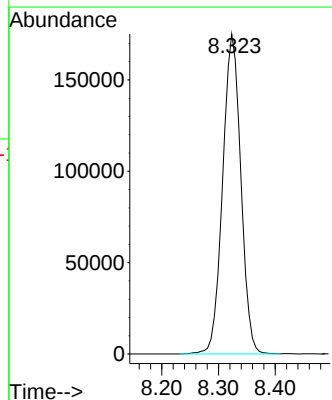
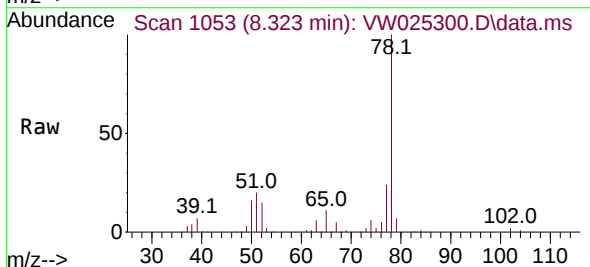
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

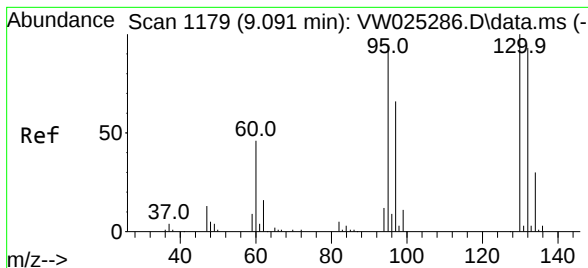
Tgt Ion:117 Resp: 166695
Ion Ratio Lower Upper
117 100
119 96.5 77.6 116.4



#33
Benzene
Concen: 23.443 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

Tgt Ion: 78 Resp: 390175





#34

Trichloroethene

Concen: 23.734 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW025300.D

Acq: 07 Feb 2023 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025530

Tgt Ion: 95 Resp: 110642

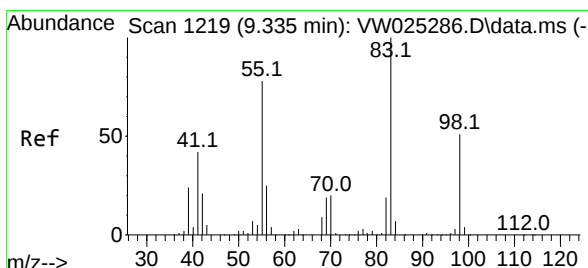
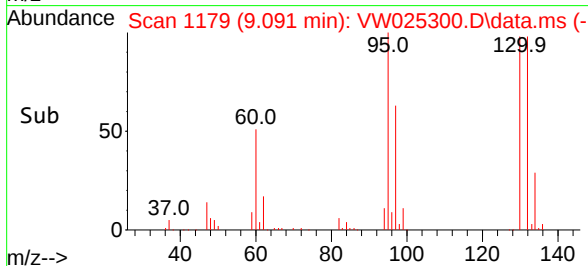
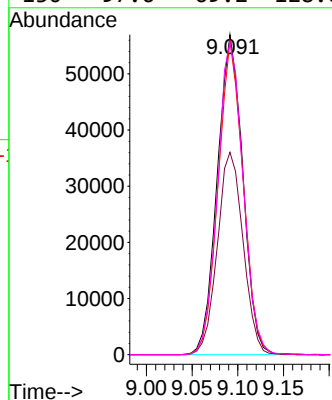
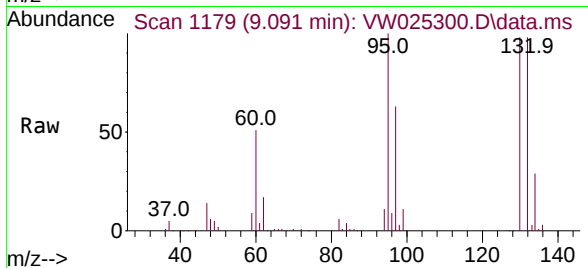
Ion Ratio Lower Upper

95 100

97 63.3 45.4 84.2

132 98.1 67.1 124.5

130 97.6 69.2 128.6



#35

Methylcyclohexane

Concen: 22.112 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW025300.D

Acq: 07 Feb 2023 10:23

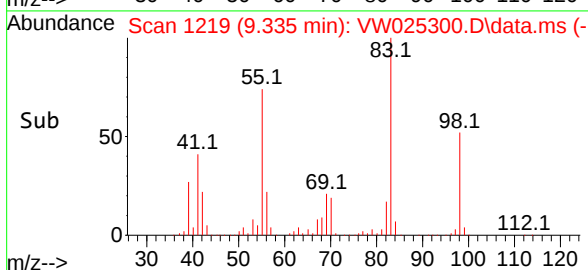
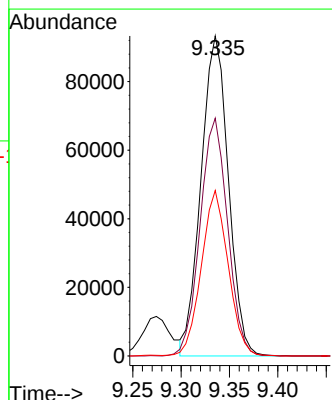
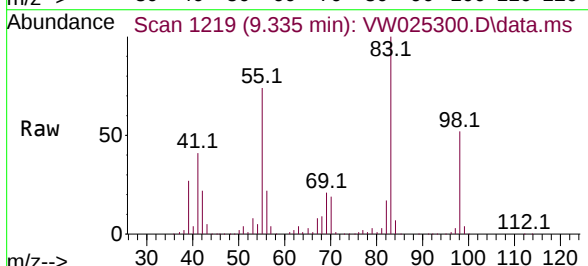
Tgt Ion: 83 Resp: 183998

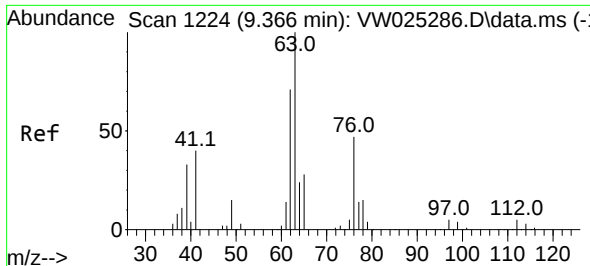
Ion Ratio Lower Upper

83 100

55 74.5 58.8 88.2

98 50.7 39.5 59.3

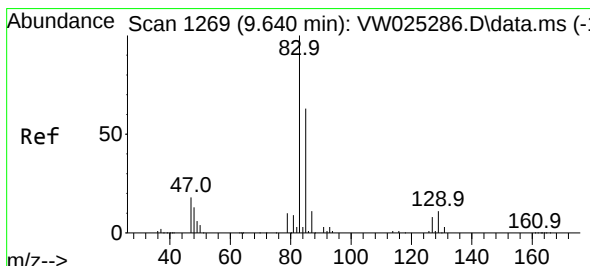
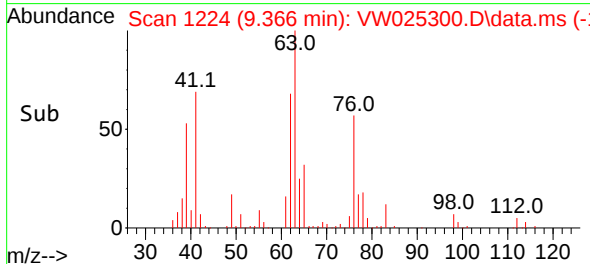
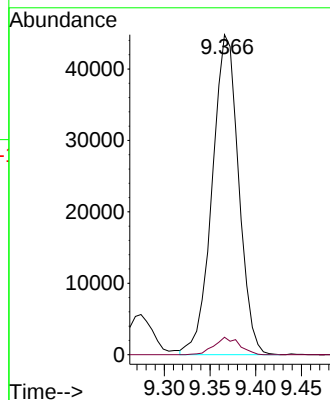
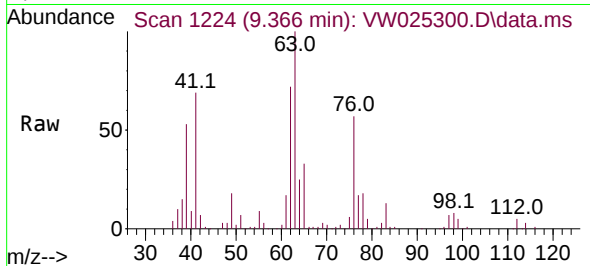




#37
1,2-Dichloropropane
Concen: 22.004 ug/L
RT: 9.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

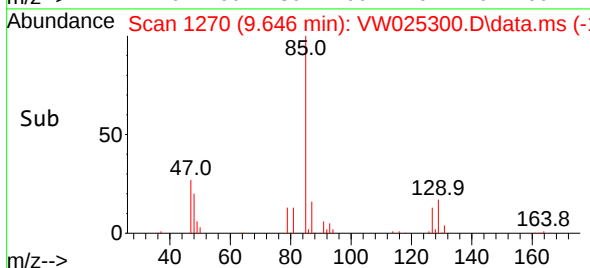
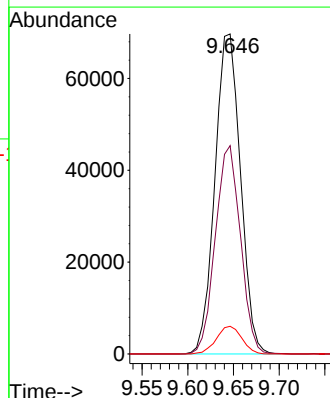
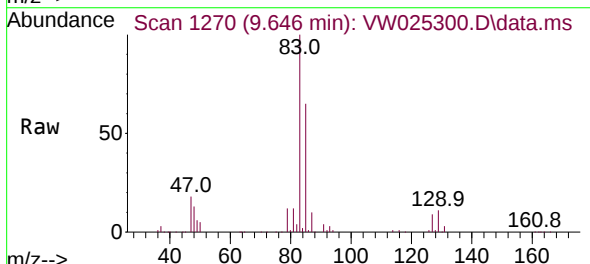
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

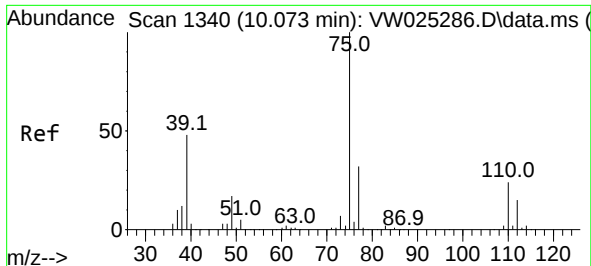
Tgt Ion: 63 Resp: 90323
Ion Ratio Lower Upper
63 100
112 5.1 3.8 5.8



#38
Bromodichloromethane
Concen: 24.878 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

Tgt Ion: 83 Resp: 135786
Ion Ratio Lower Upper
83 100
85 65.1 44.4 82.4
127 8.7 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 23.583 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW025300.D

Acq: 07 Feb 2023 10:23

Instrument :

MSVOA_W

ClientSampleId :

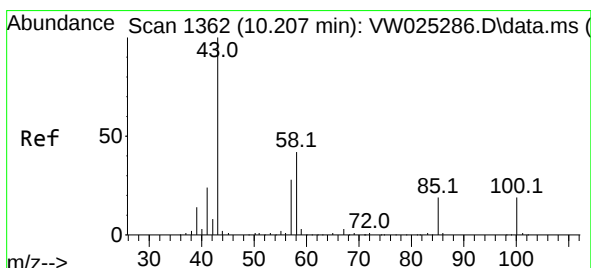
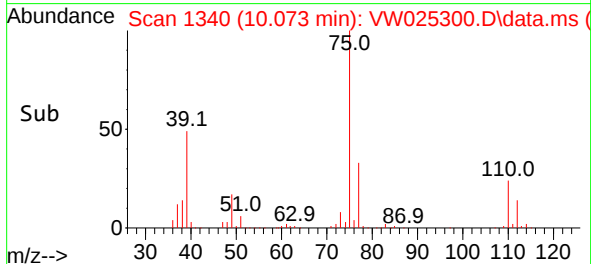
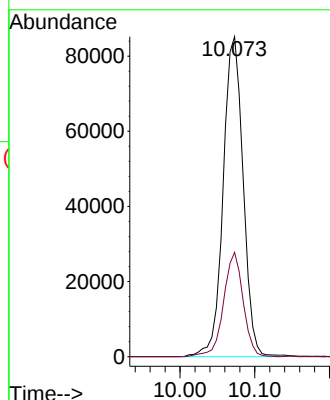
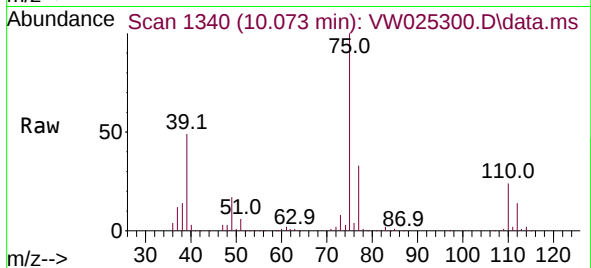
VSTD025530

Tgt Ion: 75 Resp: 158500

Ion Ratio Lower Upper

75 100

77 32.6 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 43.894 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW025300.D

Acq: 07 Feb 2023 10:23

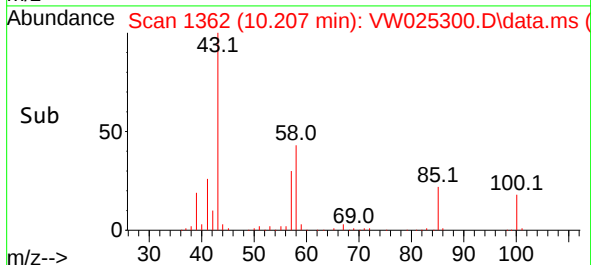
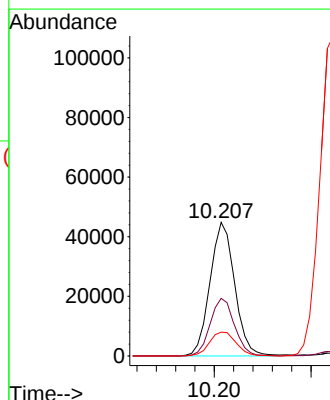
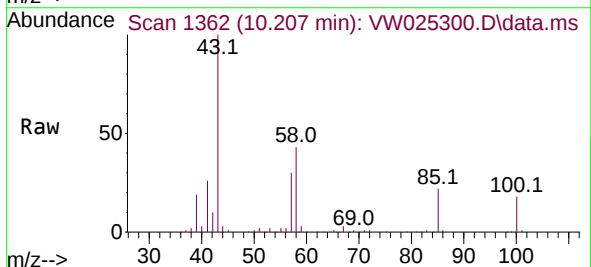
Tgt Ion: 43 Resp: 79553

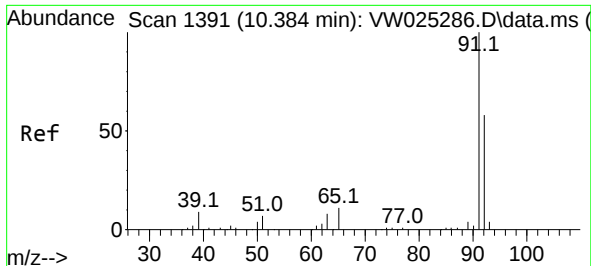
Ion Ratio Lower Upper

43 100

58 42.4 34.1 51.1

100 19.3 14.5 21.7

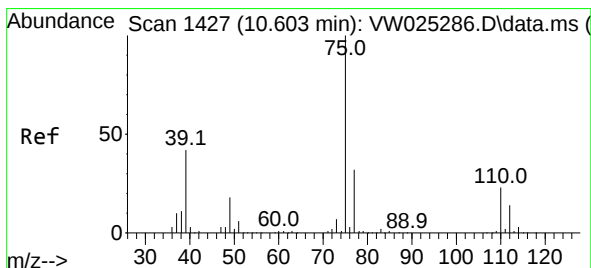
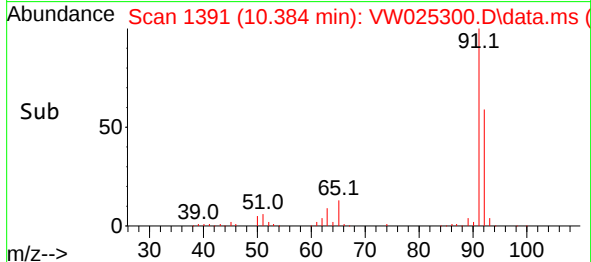
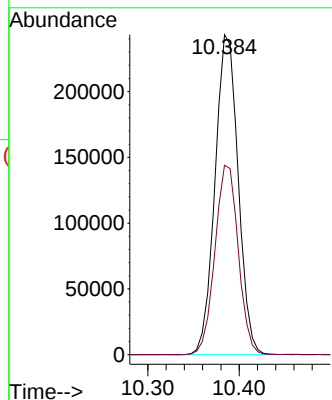
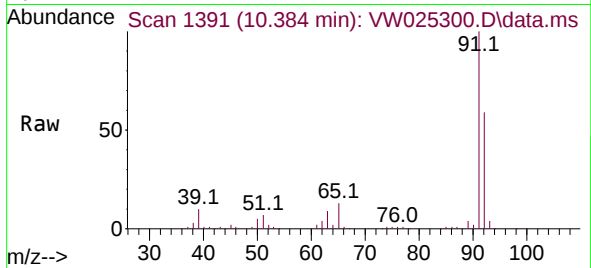




#42
Toluene
Concen: 25.881 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

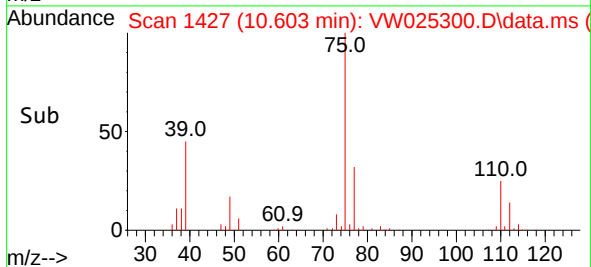
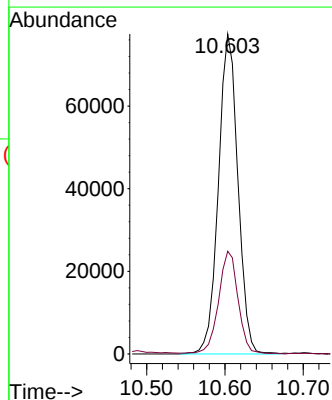
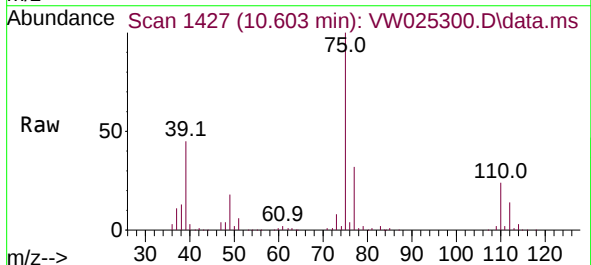
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

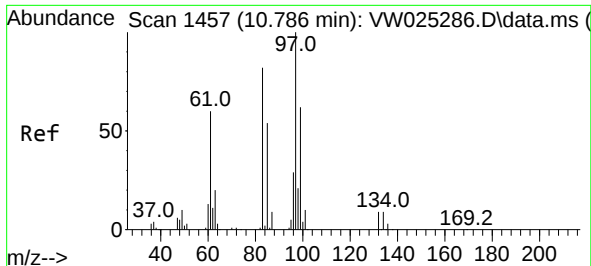
Tgt Ion: 91 Resp: 428341
Ion Ratio Lower Upper
91 100
92 59.2 41.9 77.7



#44
trans-1,3-Dichloropropene
Concen: 27.978 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

Tgt Ion: 75 Resp: 134036
Ion Ratio Lower Upper
75 100
77 32.1 21.7 40.3

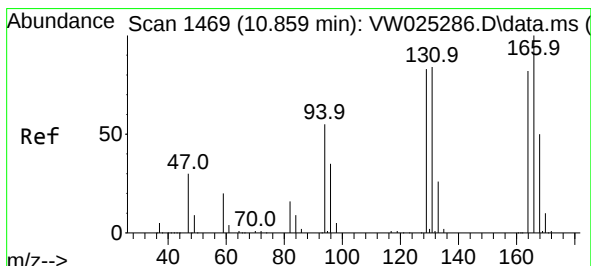
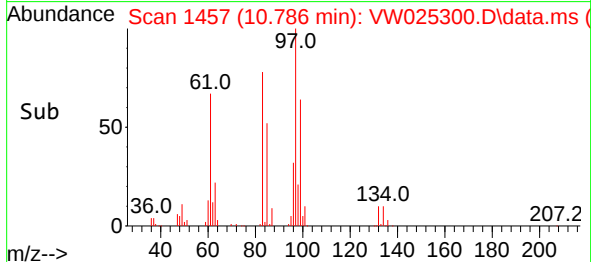
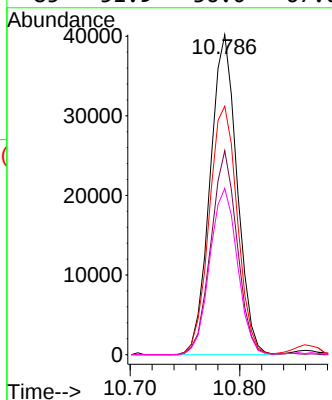
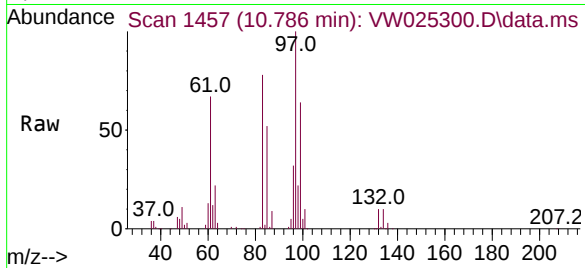




#45
1,1,2-Trichloroethane
Concen: 26.567 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

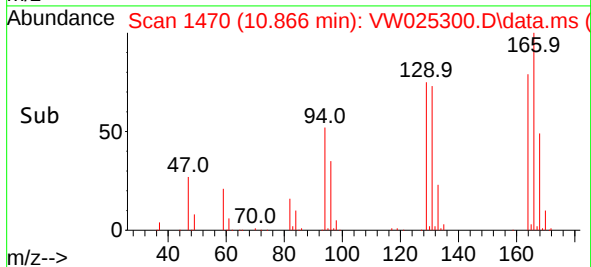
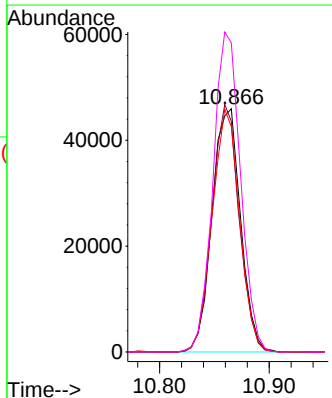
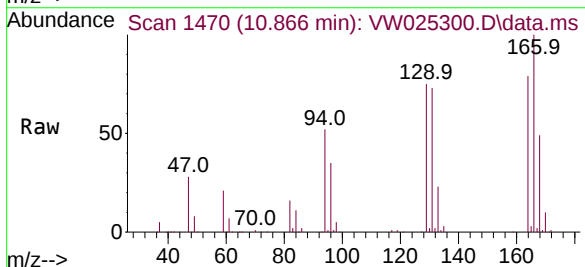
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

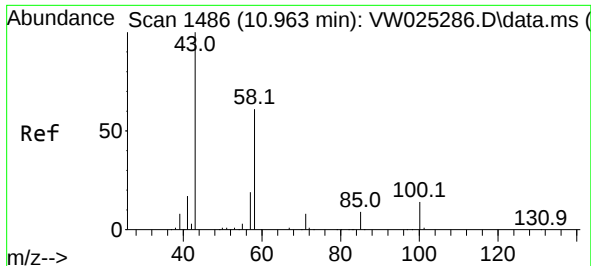
Tgt Ion:	97	Resp:	68730
Ion	Ratio	Lower	Upper
97	100		
99	63.7	41.4	76.8
83	77.6	54.0	100.4
85	51.9	36.0	67.0



#46
Tetrachloroethene
Concen: 27.855 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

Tgt Ion:	164	Resp:	82988
Ion	Ratio	Lower	Upper
164	100		
129	94.9	74.1	137.5
131	92.7	72.3	134.3
166	127.1	86.3	160.3

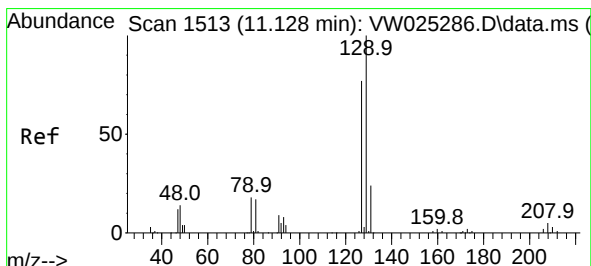
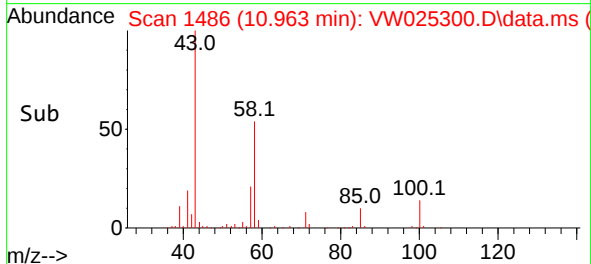
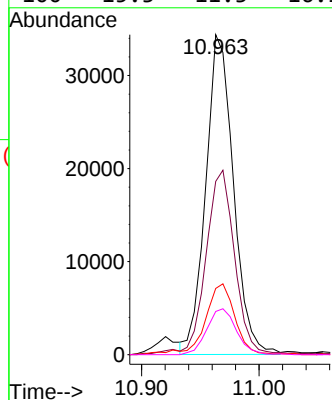
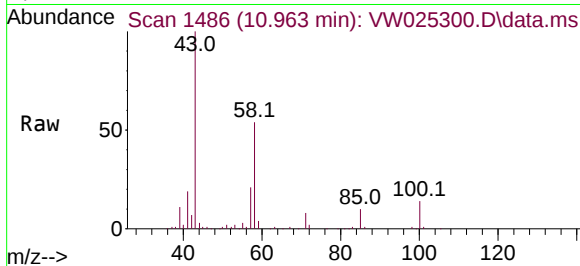




#48
2-Hexanone
Concen: 49.272 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

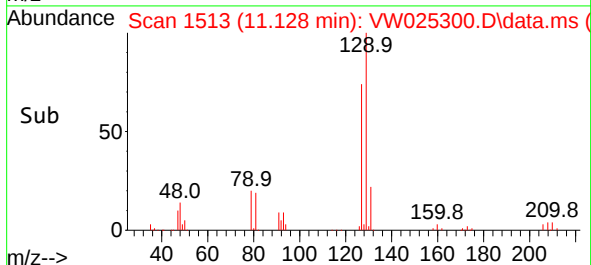
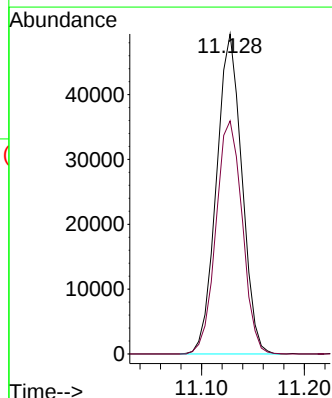
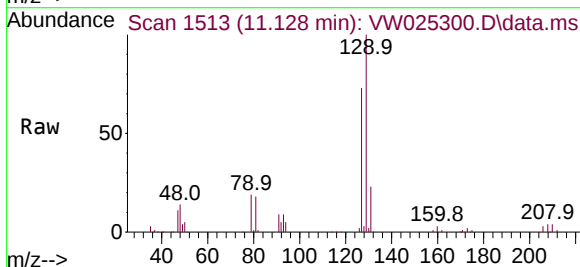
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

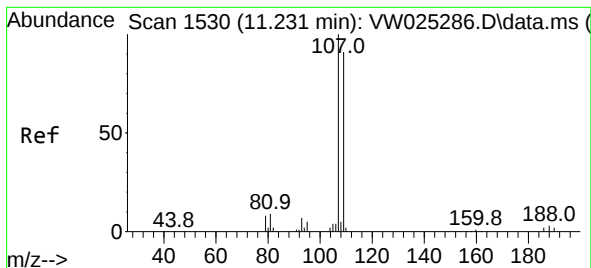
Tgt Ion: 43	Resp: 56376
Ion Ratio	Lower Upper
43 100	
58 58.4	46.3 69.5
57 22.8	16.5 24.7
100 15.3	11.3 16.9



#49
Dibromochloromethane
Concen: 29.021 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

Tgt Ion:129	Resp:	84798	
Ion	Ratio	Lower	Upper
129	100		
127	72.8	54.8	101.8

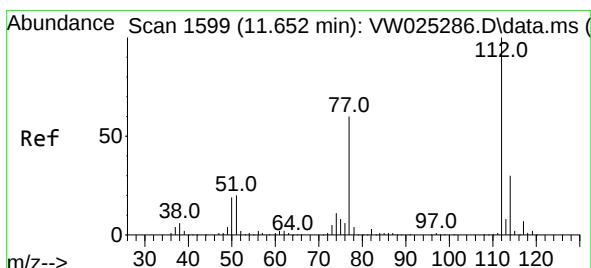
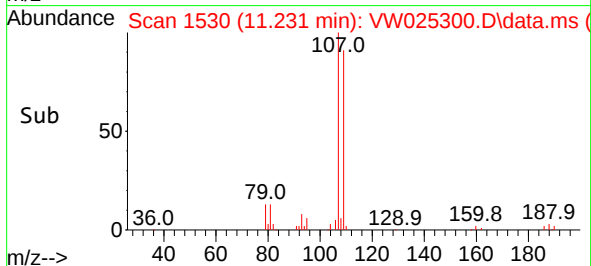
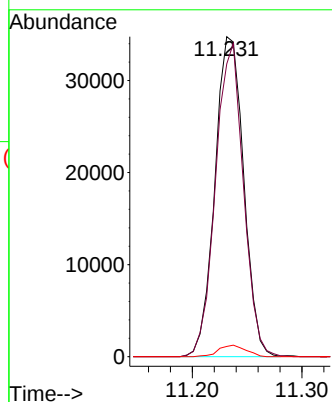
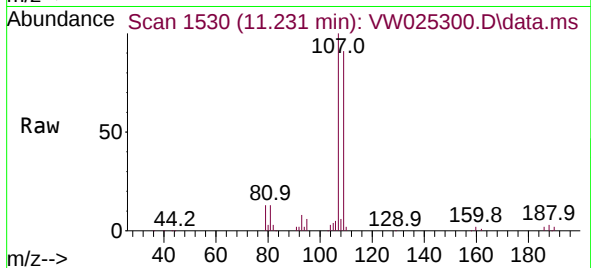




#50
1,2-Dibromoethane
Concen: 26.746 ug/L
RT: 11.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

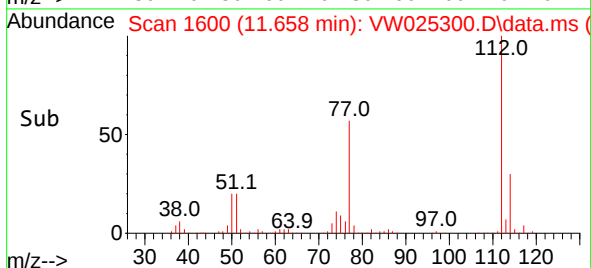
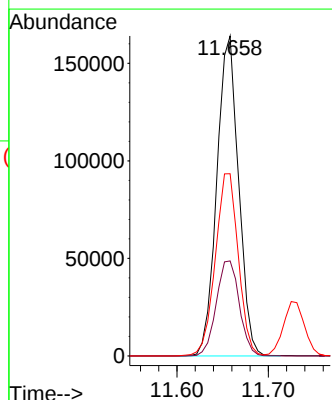
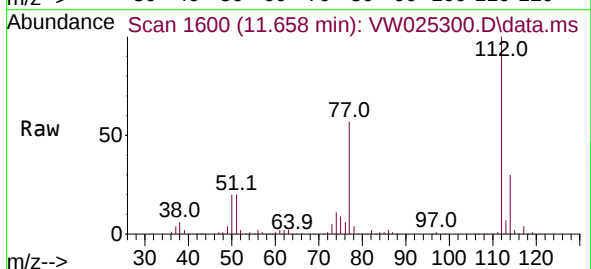
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

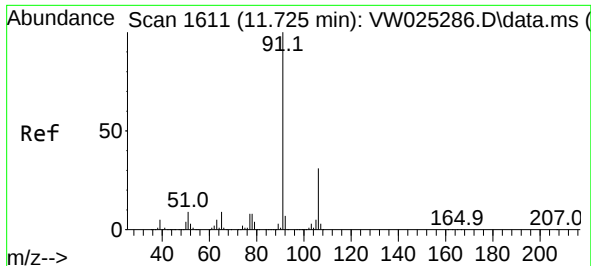
Tgt Ion:107 Resp: 63383
Ion Ratio Lower Upper
107 100
109 91.5 65.0 120.6
188 3.2 2.3 3.5



#51
Chlorobenzene
Concen: 24.923 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

Tgt Ion:112 Resp: 271463
Ion Ratio Lower Upper
112 100
114 29.7 21.7 40.3
77 57.0 46.2 69.4

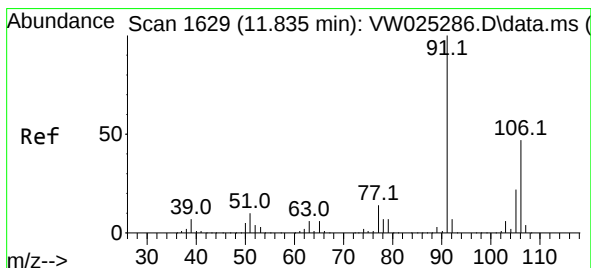
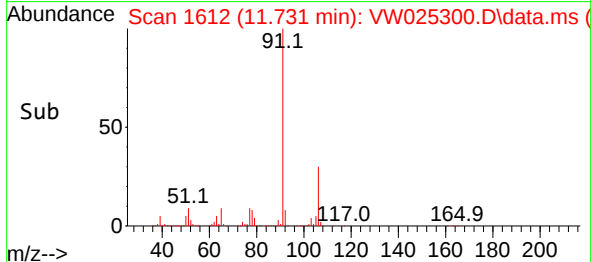
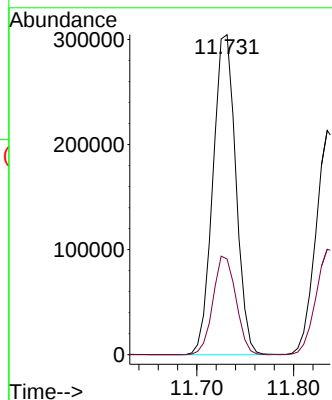
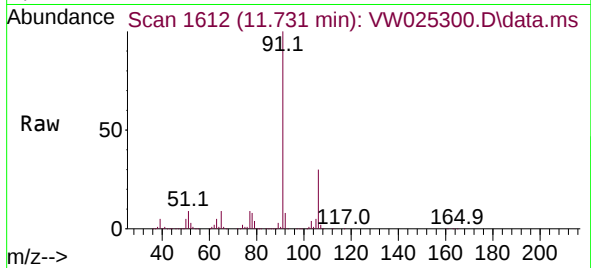




#52
Ethylbenzene
Concen: 25.269 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

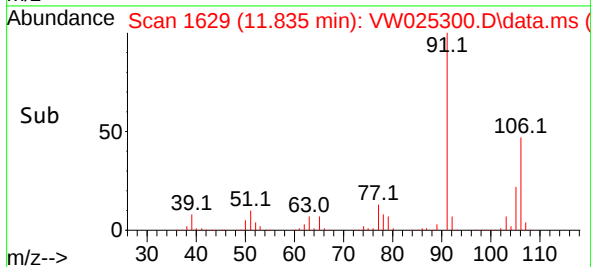
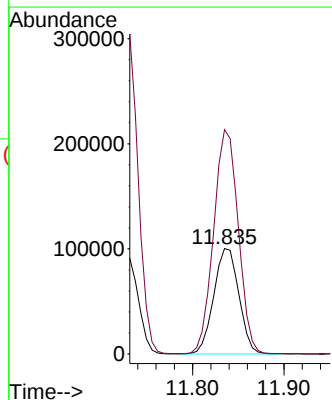
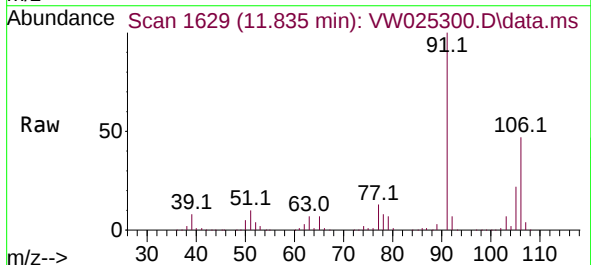
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

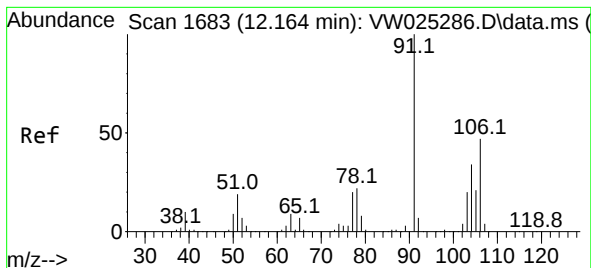
Tgt Ion: 91 Resp: 501088
Ion Ratio Lower Upper
91 100
106 29.9 21.1 39.1



#53
m,p-Xylene
Concen: 25.483 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

Tgt Ion: 106 Resp: 191516
Ion Ratio Lower Upper
106 100
91 212.8 143.4 266.4





#54

o-Xylene

Concen: 23.738 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025300.D

Acq: 07 Feb 2023 10:23

Instrument :

MSVOA_W

ClientSampleId :

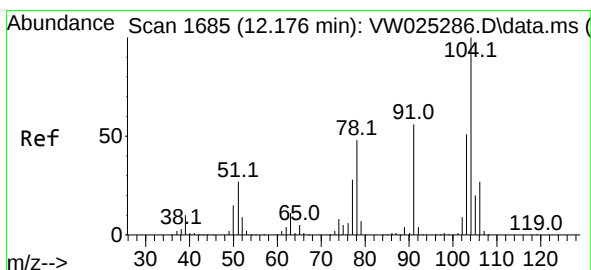
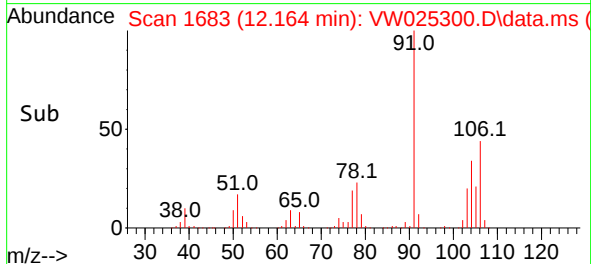
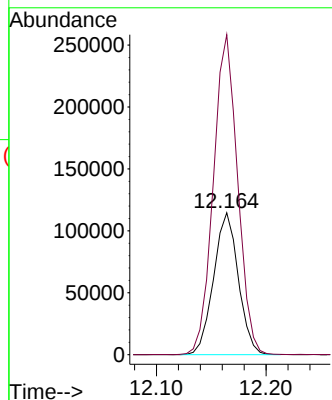
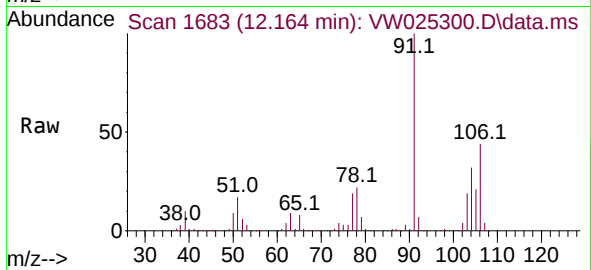
VSTD025530

Tgt Ion:106 Resp: 179589

Ion Ratio Lower Upper

106 100

91 225.4 157.6 292.8



#55

Styrene

Concen: 23.909 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW025300.D

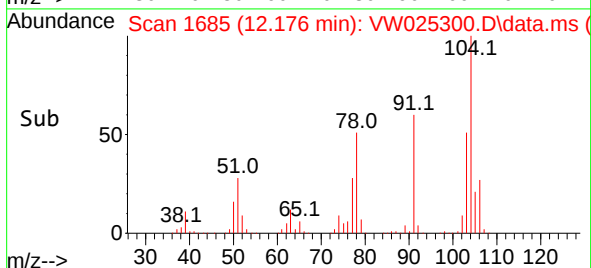
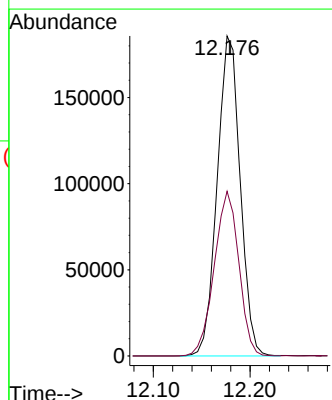
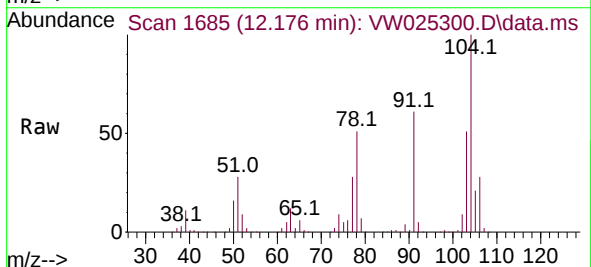
Acq: 07 Feb 2023 10:23

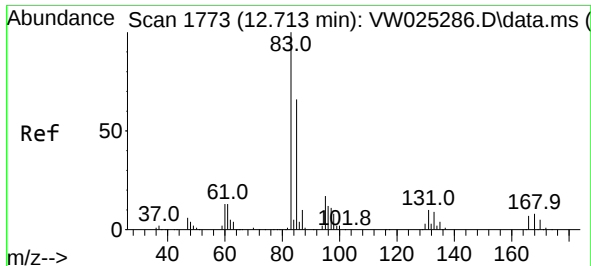
Tgt Ion:104 Resp: 306273

Ion Ratio Lower Upper

104 100

78 51.5 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 23.205 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW025300.D

Acq: 07 Feb 2023 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025530

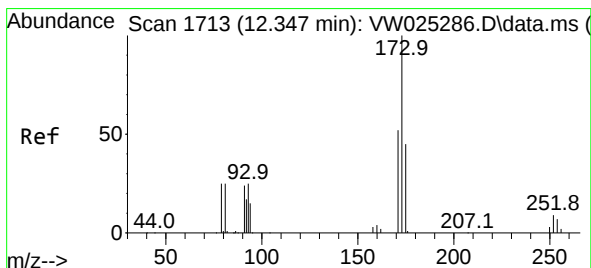
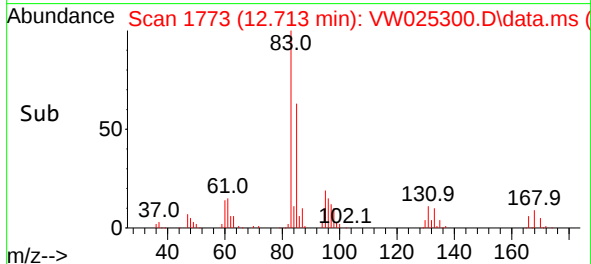
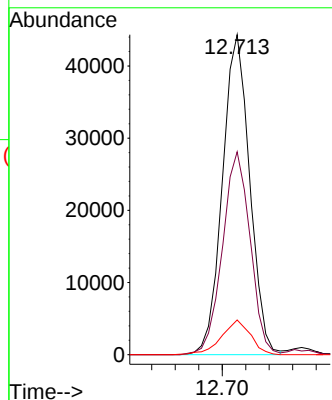
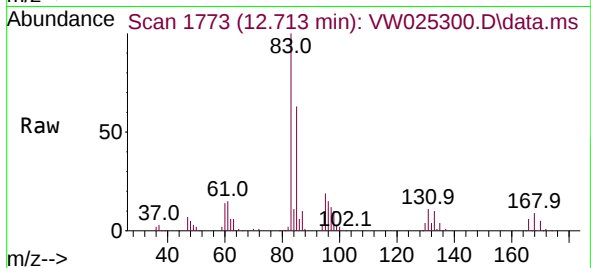
Tgt Ion: 83 Resp: 71528

Ion Ratio Lower Upper

83 100

85 63.4 44.7 83.1

131 10.9 7.8 11.6



#59

Bromoform

Concen: 26.494 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW025300.D

Acq: 07 Feb 2023 10:23

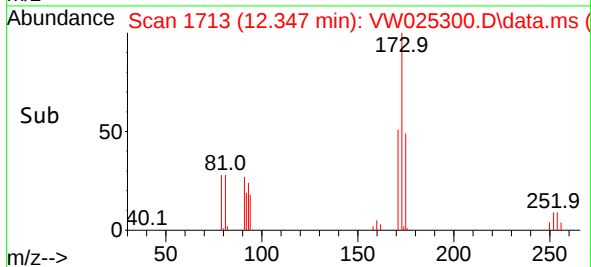
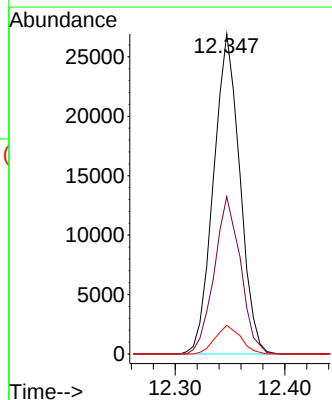
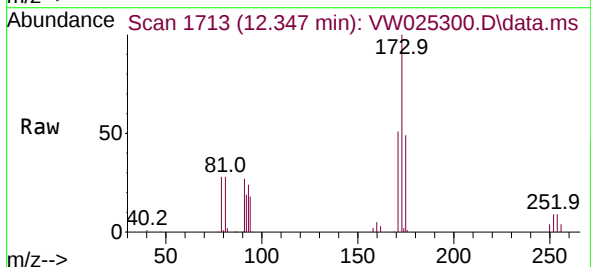
Tgt Ion: 173 Resp: 44943

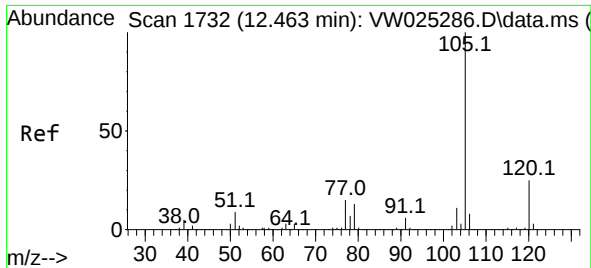
Ion Ratio Lower Upper

173 100

175 49.1 38.6 58.0

254 8.6 7.0 10.4

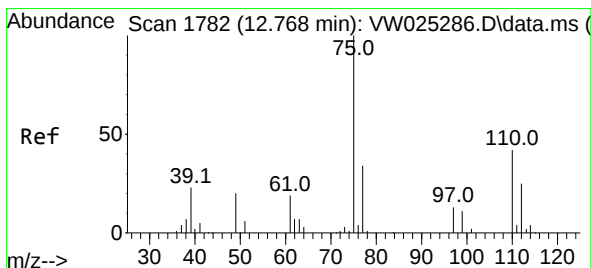
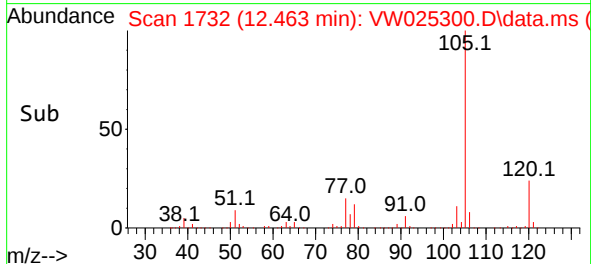
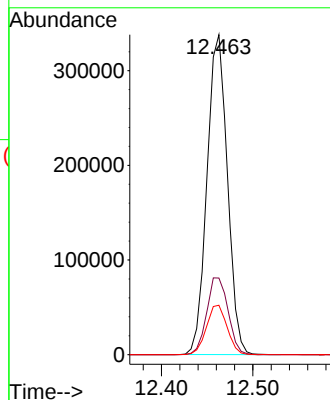
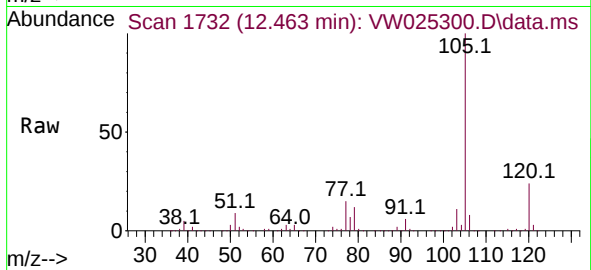




#60
Isopropylbenzene
Concen: 25.846 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

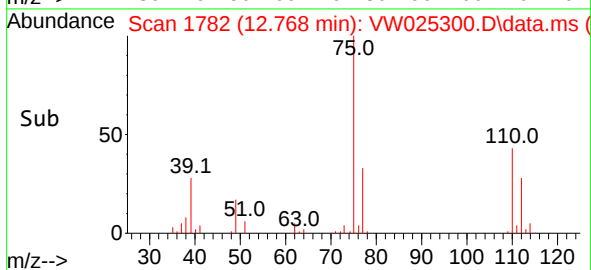
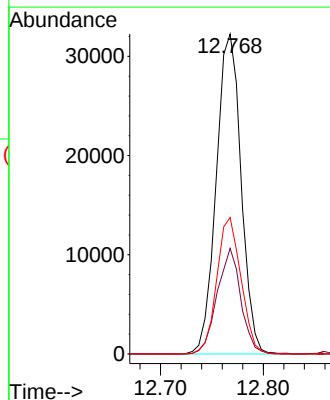
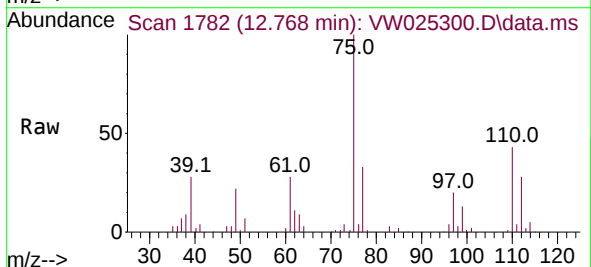
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

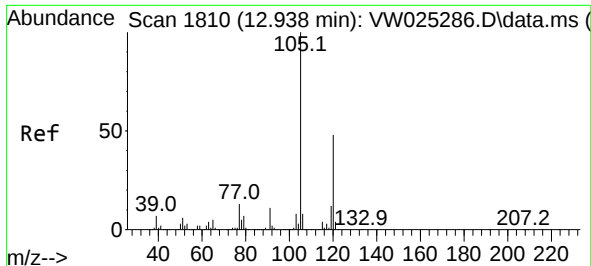
Tgt Ion:105 Resp: 523345
Ion Ratio Lower Upper
105 100
120 25.2 20.6 30.8
77 15.8 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 25.391 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

Tgt Ion: 75 Resp: 53977
Ion Ratio Lower Upper
75 100
77 31.5 26.7 40.1
110 41.6 33.2 49.8

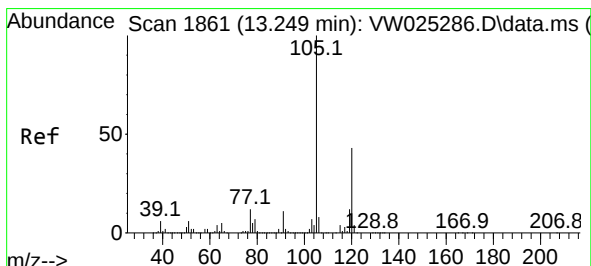
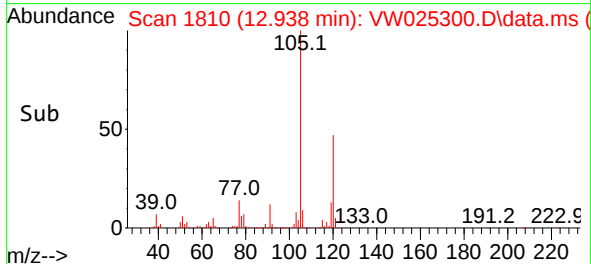
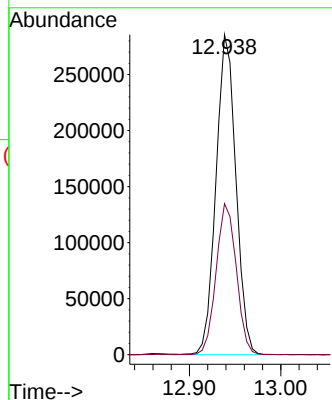
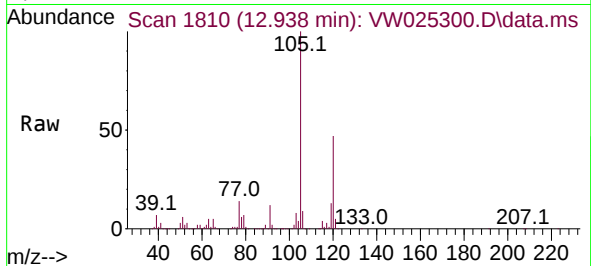




#62
 1,3,5-Trimethylbenzene
 Concen: 26.563 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW025300.D
 Acq: 07 Feb 2023 10:23

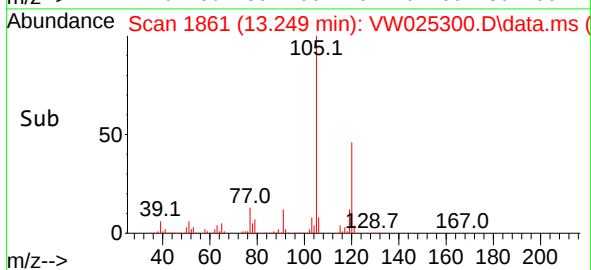
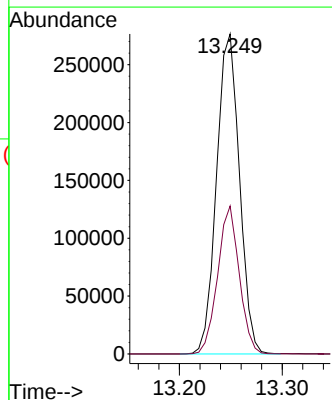
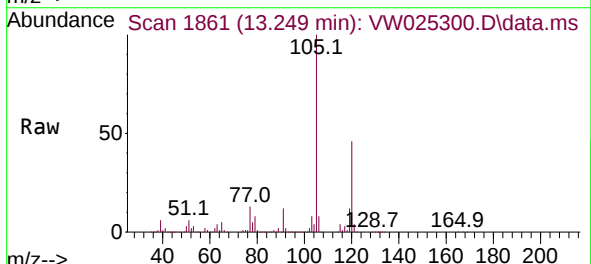
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025530

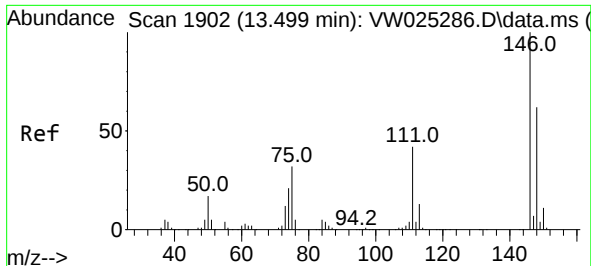
Tgt Ion:105 Resp: 433621
 Ion Ratio Lower Upper
 105 100
 120 47.8 37.0 55.4



#63
 1,2,4-Trimethylbenzene
 Concen: 26.125 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW025300.D
 Acq: 07 Feb 2023 10:23

Tgt Ion:105 Resp: 427324
 Ion Ratio Lower Upper
 105 100
 120 43.6 35.0 52.4

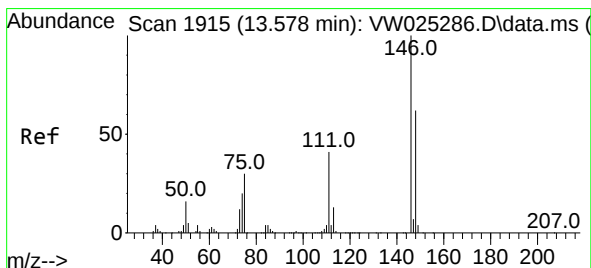
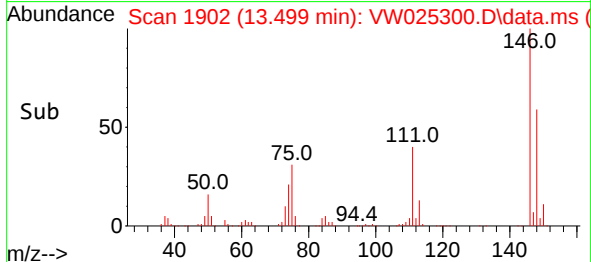
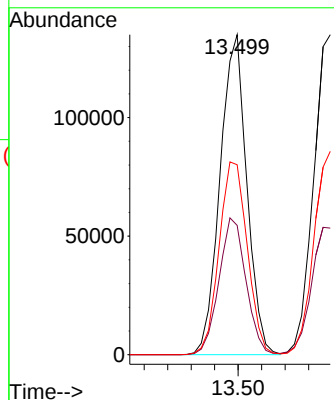
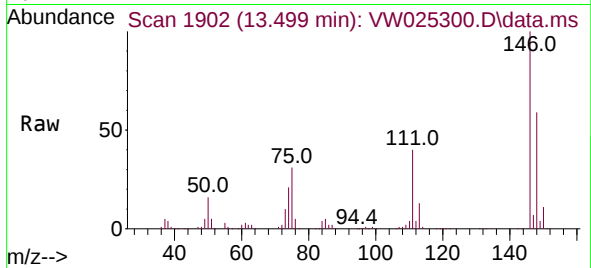




#64
1,3-Dichlorobenzene
Concen: 25.436 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

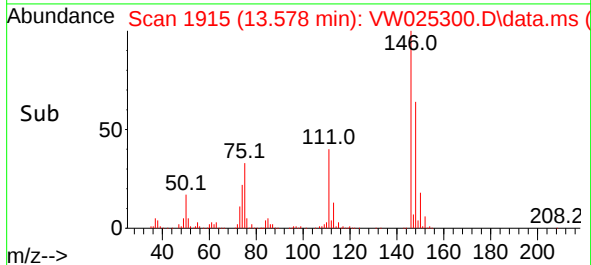
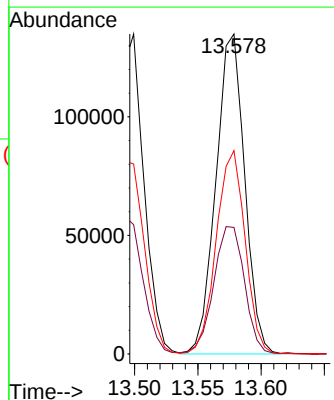
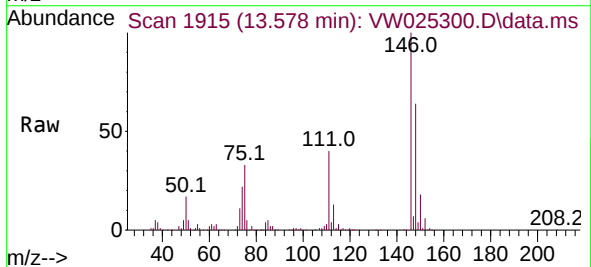
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

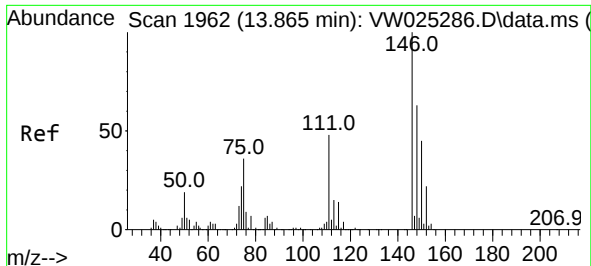
Tgt Ion:146 Resp: 213384
Ion Ratio Lower Upper
146 100
111 40.4 29.0 53.8
148 59.3 41.7 77.5



#65
1,4-Dichlorobenzene
Concen: 25.822 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW025300.D
Acq: 07 Feb 2023 10:23

Tgt Ion:146 Resp: 213765
Ion Ratio Lower Upper
146 100
111 39.5 29.3 54.3
148 63.6 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 25.238 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025300.D

Acq: 07 Feb 2023 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025530

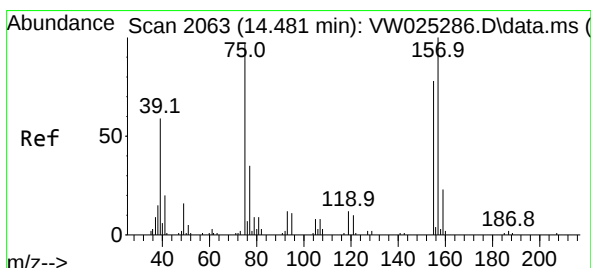
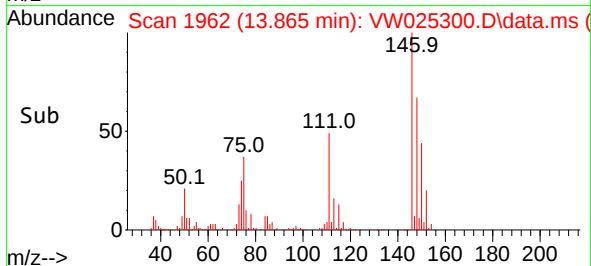
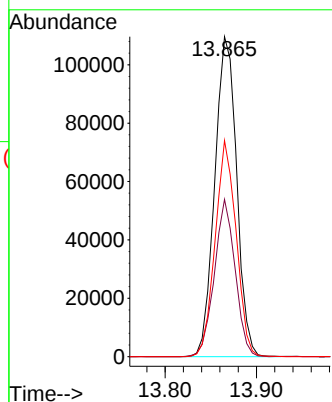
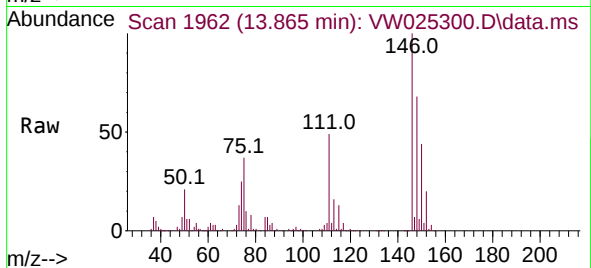
Tgt Ion:146 Resp: 182458

Ion Ratio Lower Upper

146 100

111 49.1 36.2 54.2

148 67.6 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 25.915 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025300.D

Acq: 07 Feb 2023 10:23

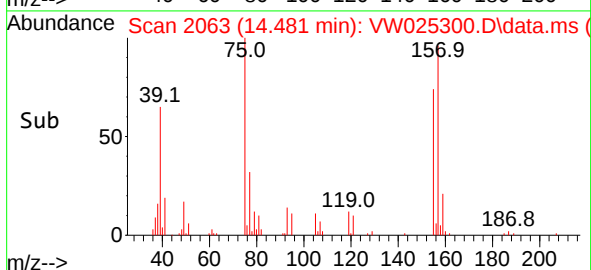
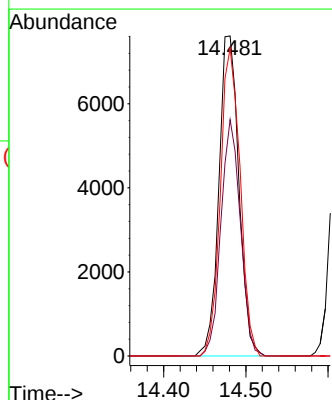
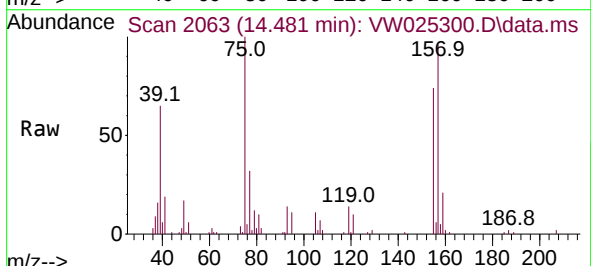
Tgt Ion: 75 Resp: 12867

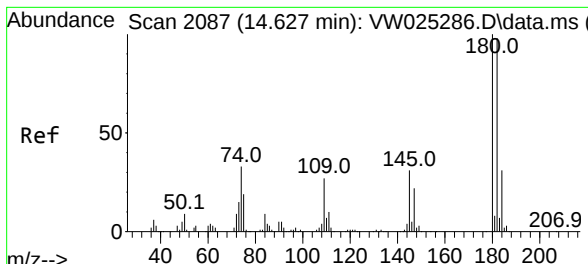
Ion Ratio Lower Upper

75 100

155 73.9 63.4 95.2

157 96.2 82.5 123.7

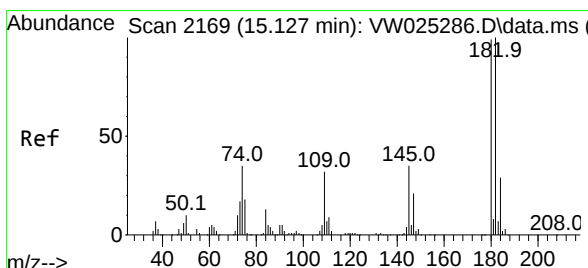
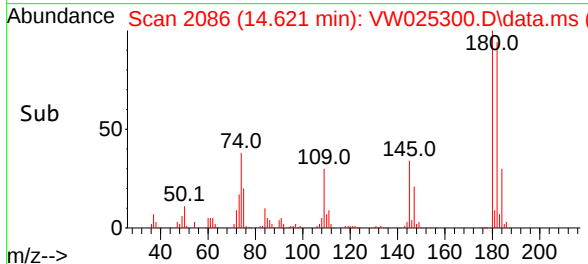
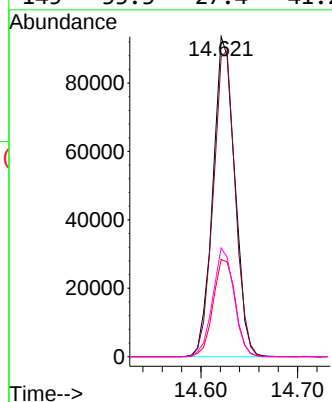
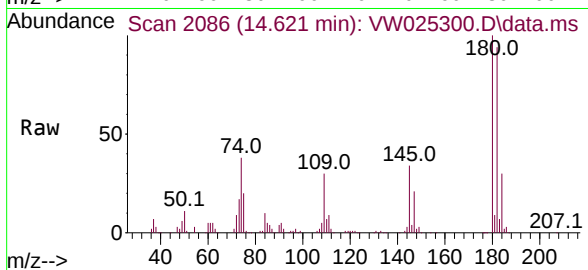




#69
 1,3,5-Trichlorobenzene
 Concen: 26.888 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. -0.006 min
 Lab File: VW025300.D
 Acq: 07 Feb 2023 10:23

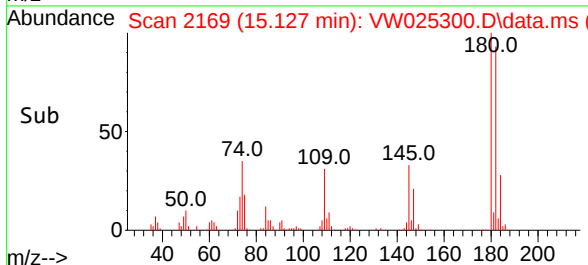
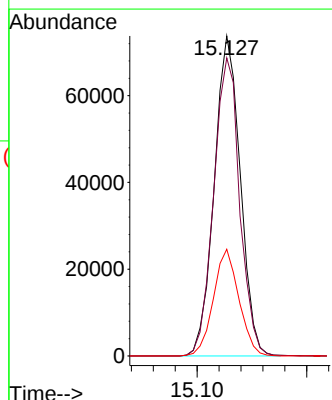
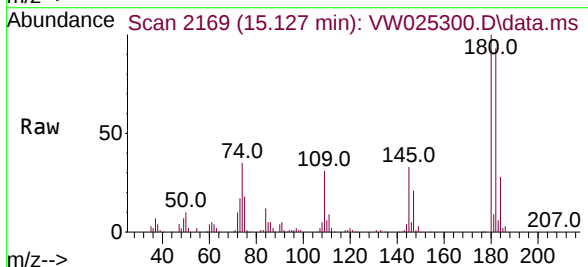
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025530

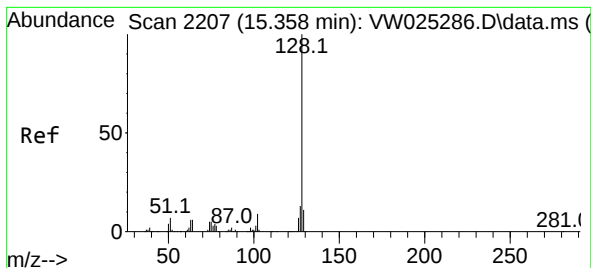
Tgt Ion:180	Resp:	146689
Ion Ratio	Lower	Upper
180	100	
182	95.8	77.7 116.5
184	30.9	24.4 36.6
145	33.3	27.4 41.2



#70
 1,2,4-trichlorobenzene
 Concen: 27.385 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW025300.D
 Acq: 07 Feb 2023 10:23

Tgt Ion:180	Resp:	121653
Ion Ratio	Lower	Upper
180	100	
182	93.2	76.4 114.6
145	32.7	27.4 41.2





#71

Naphthalene

Concen: 26.725 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW025300.D

Acq: 07 Feb 2023 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025530

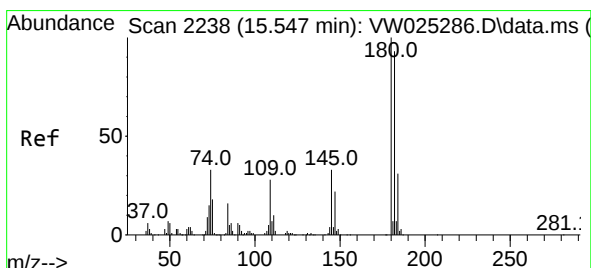
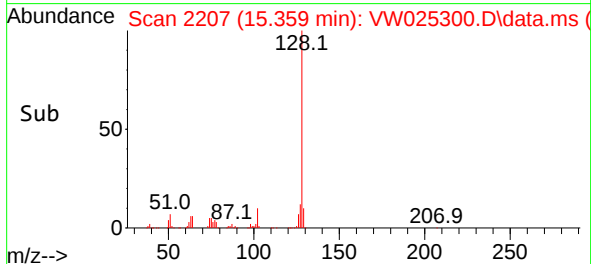
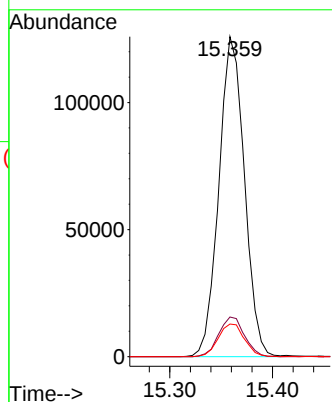
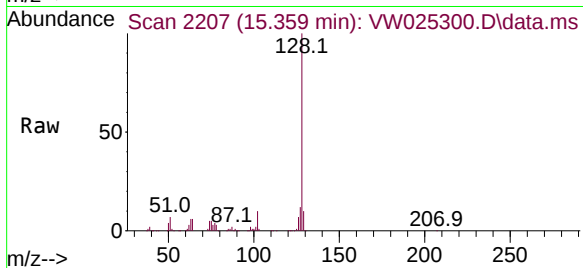
Tgt Ion:128 Resp: 217023

Ion Ratio Lower Upper

128 100

127 12.5 10.4 15.6

129 10.5 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 26.145 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW025300.D

Acq: 07 Feb 2023 10:23

Tgt Ion:180 Resp: 99723

Ion Ratio Lower Upper

180 100

182 96.7 75.1 112.7

145 37.2 28.8 43.2

