

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020623\
 Data File : VW025286.D
 Acq On : 06 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 :
 VSTD025528

Quant Time: Feb 07 00:12:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 03 11:28:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	424334	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	360303	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	170635	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	98895	24.084	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.320%
7) Chloroethane-d5	2.897	69	82221	22.551	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	4.025	63	254560	22.357	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.440%
21) 2-Butanone-d5	7.079	46	45275	42.473	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.940%
24) Chloroform-d	7.646	84	251431	22.607	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.440%
26) 1,2-Dichloroethane-d4	8.305	65	121930	22.506	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.040%
32) Benzene-d6	8.274	84	500625	22.925	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.720%
36) 1,2-Dichloropropane-d6	9.274	67	141060	22.077	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.320%
41) Toluene-d8	10.323	98	461472	23.641	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.560%
43) trans-1,3-Dichloroprop...	10.579	79	56663	23.733	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.920%
47) 2-Hexanone-d5	10.920	63	36980	51.620	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.240%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	95040	21.873	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	134335	22.691	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.019	85	102251	17.808	ug/L #	87
3) Chloromethane	2.227	50	116429	21.125	ug/L	98
5) Vinyl chloride	2.373	62	133075	23.708	ug/L	97
6) Bromomethane	2.788	94	82555	21.480	ug/L	100
8) Chloroethane	2.934	64	78676	22.452	ug/L	100
9) Trichlorofluoromethane	3.269	101	168007	20.808	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	133049	22.726	ug/L	97
12) 1,1-Dichloroethene	4.043	96	129936	22.358	ug/L	96
13) Acetone	4.129	43	54474	46.347	ug/L	98
14) Carbon disulfide	4.391	76	420223	22.126	ug/L	100
15) Methyl Acetate	4.677	43	39554	19.667	ug/L	98
16) Methylene chloride	4.915	84	127774	17.689	ug/L	94
17) trans-1,2-Dichloroethene	5.427	96	135894	21.773	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	182194	20.306	ug/L #	90
19) 1,1-Dichloroethane	6.214	63	239750	21.573	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	139245	21.248	ug/L	92
22) 2-Butanone	7.171	43	60563	42.372	ug/L	99
23) Bromochloromethane	7.512	128	56798	21.042	ug/L	94
25) Chloroform	7.677	83	242208	21.188	ug/L	99

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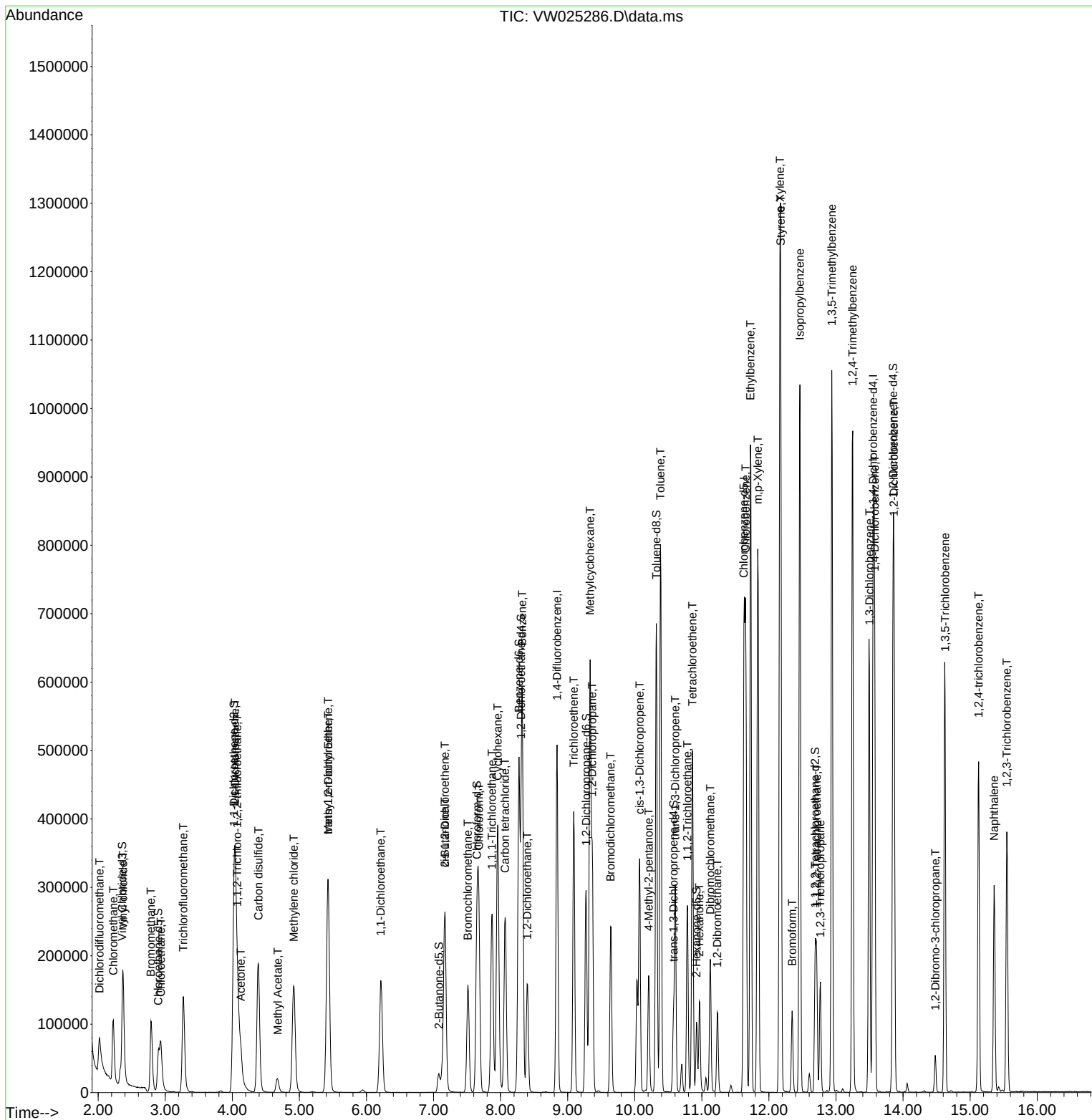
Quant Time: Feb 07 00:12:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 03 11:28:47 2023
 Response via : Initial Calibration

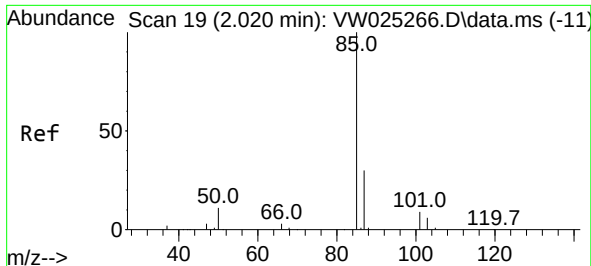
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	151504	21.760	ug/L	99
29) Cyclohexane	7.957	56	228454	22.017	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	221965	21.719	ug/L	100
31) Carbon tetrachloride	8.067	117	205477	21.737	ug/L	97
33) Benzene	8.323	78	536281	21.508	ug/L	100
34) Trichloroethene	9.091	95	146213	20.935	ug/L	94
35) Methylcyclohexane	9.335	83	261932	21.011	ug/L	99
37) 1,2-Dichloropropane	9.366	63	127762	20.776	ug/L	100
38) Bromodichloromethane	9.640	83	167782	20.519	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	207900	20.648	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	107332	39.530	ug/L	99
42) Toluene	10.384	91	586007	23.634	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	170407	23.743	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	87755	22.642	ug/L	95
46) Tetrachloroethene	10.859	164	108390	24.284	ug/L	97
48) 2-Hexanone	10.963	43	83394	48.651	ug/L	98
49) Dibromochloromethane	11.128	129	102788	23.481	ug/L	98
50) 1,2-Dibromoethane	11.231	107	82030	23.105	ug/L	98
51) Chlorobenzene	11.652	112	355068	21.760	ug/L	97
52) Ethylbenzene	11.725	91	664948	22.383	ug/L	99
53) m,p-Xylene	11.835	106	255242	22.670	ug/L	96
54) o-Xylene	12.164	106	235362	20.766	ug/L	93
55) Styrene	12.176	104	399108	20.797	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	90980	19.702	ug/L	98
59) Bromoform	12.347	173	53760	22.206	ug/L	99
60) Isopropylbenzene	12.463	105	679553	23.516	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	67124	22.125	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	563774	24.200	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	546479	23.410	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	262093	21.891	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	263444	22.298	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	230763	22.366	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	14781	20.860	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	179902	23.106	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	145924	23.017	ug/L	97
71) Naphthalene	15.358	128	252637	21.799	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	122402	22.486	ug/L	99

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

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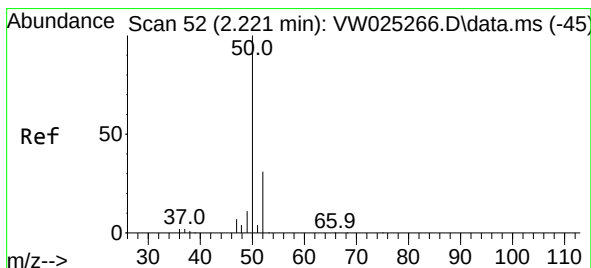
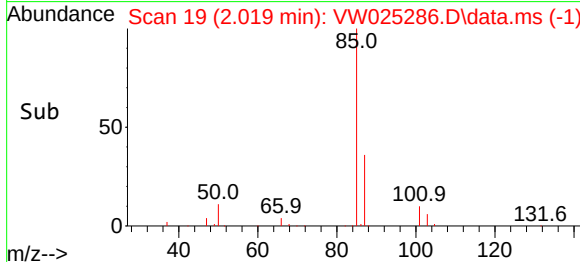
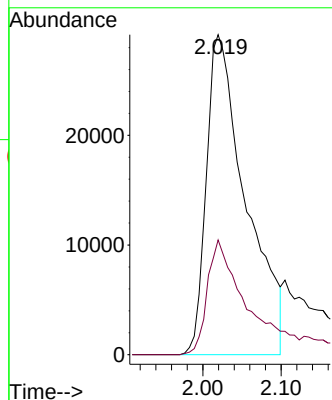
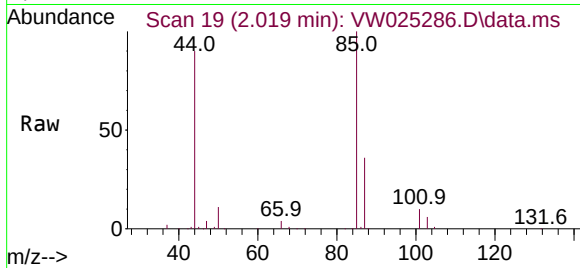




#2
Dichlorodifluoromethane
Concen: 17.808 ug/L
RT: 2.019 min Scan# 19
Delta R.T. -0.001 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

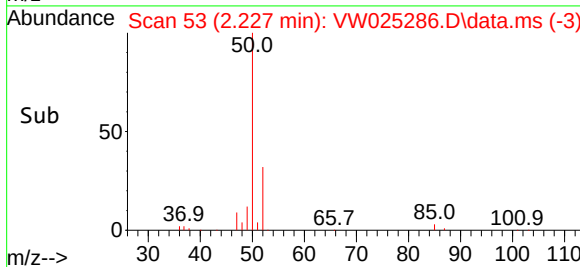
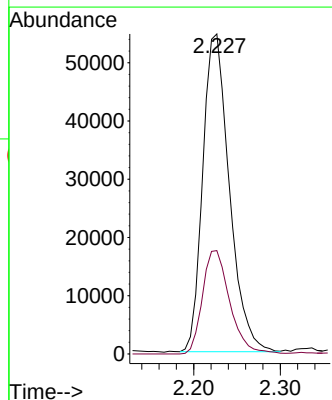
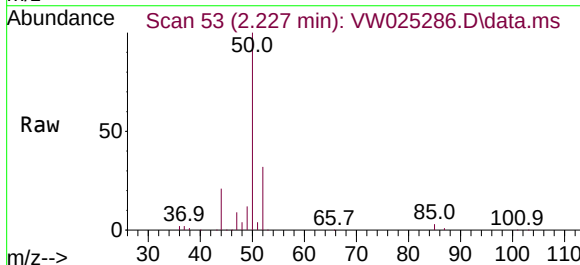
Instrument :
MSVOA_W
ClientSampleId :
VSTD025528

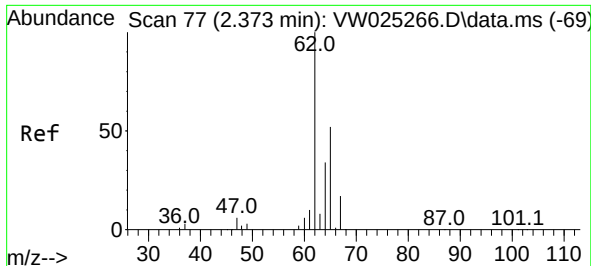
Tgt Ion: 85 Resp: 102251
Ion Ratio Lower Upper
85 100
87 35.8 23.3 34.9#



#3
Chloromethane
Concen: 21.125 ug/L
RT: 2.227 min Scan# 53
Delta R.T. 0.006 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

Tgt Ion: 50 Resp: 116429
Ion Ratio Lower Upper
50 100
52 32.3 22.0 40.8

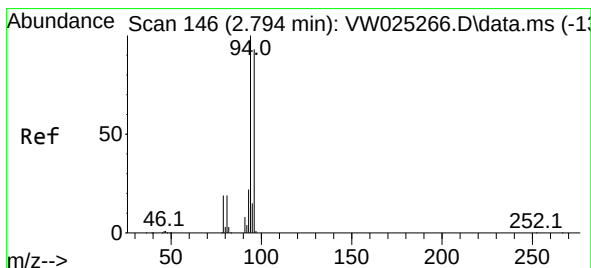
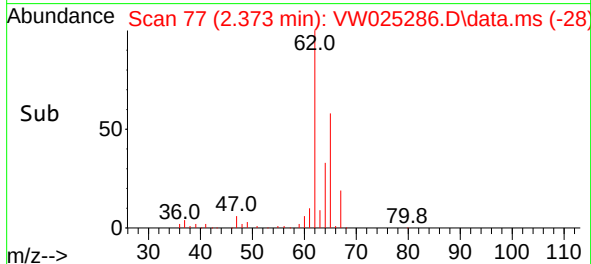
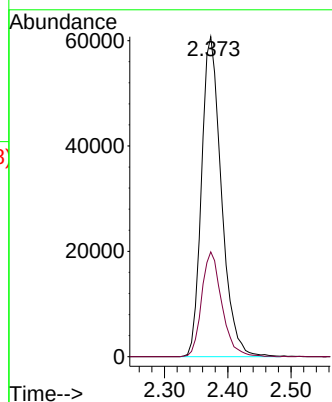
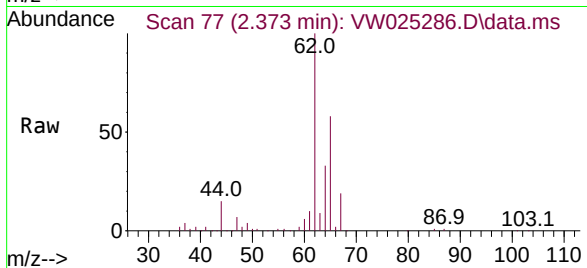




#5
 Vinyl chloride
 Concen: 23.708 ug/L
 RT: 2.373 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW025286.D
 Acq: 06 Feb 2023 08:44

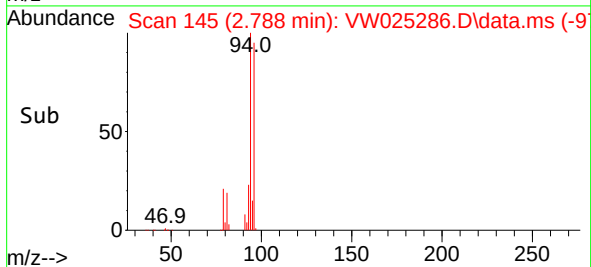
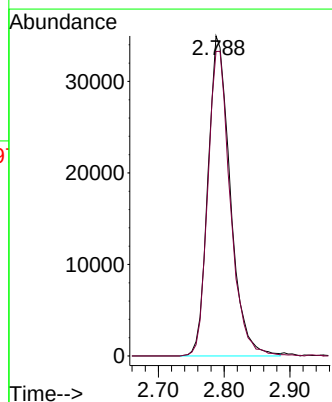
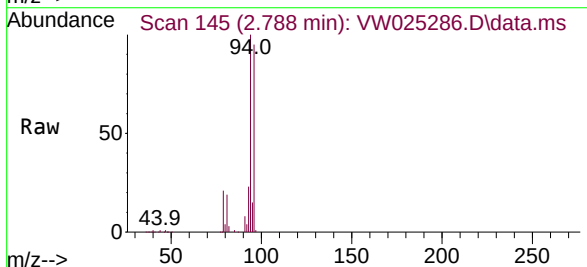
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025528

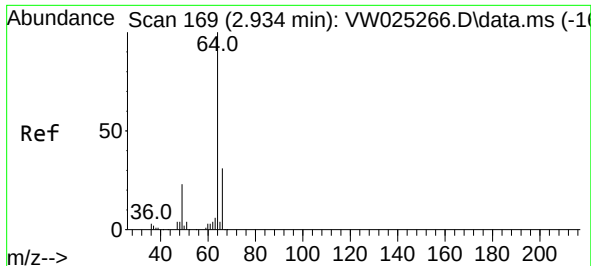
Tgt Ion: 62 Resp: 133075
 Ion Ratio Lower Upper
 62 100
 64 32.8 21.8 40.6



#6
 Bromomethane
 Concen: 21.480 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. -0.006 min
 Lab File: VW025286.D
 Acq: 06 Feb 2023 08:44

Tgt Ion: 94 Resp: 82555
 Ion Ratio Lower Upper
 94 100
 96 95.2 66.3 123.1

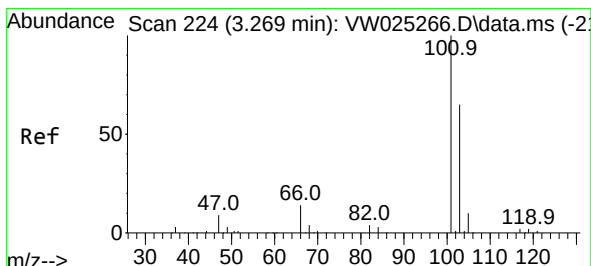
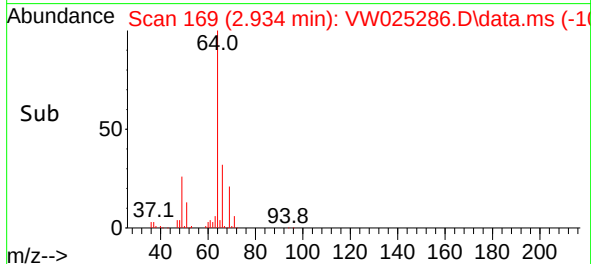
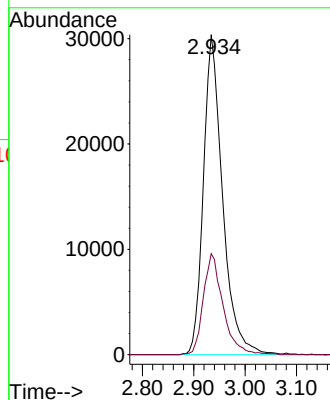
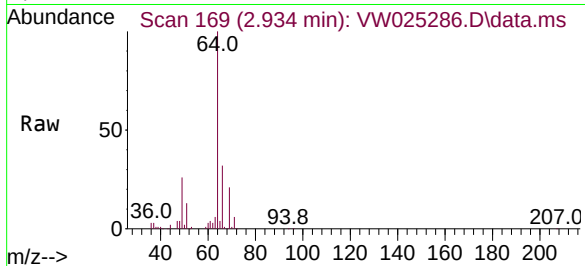




#8
Chloroethane
Concen: 22.452 ug/L
RT: 2.934 min Scan# 169
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

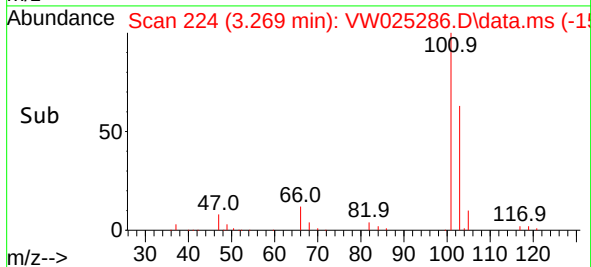
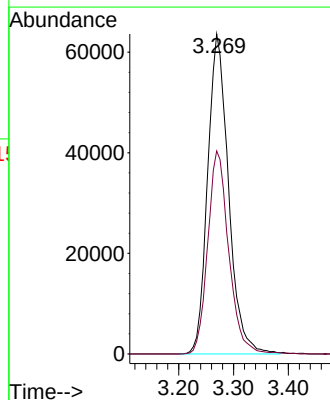
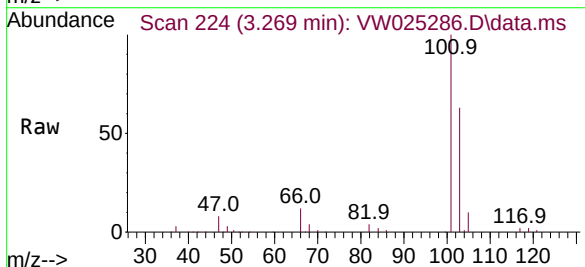
Instrument :
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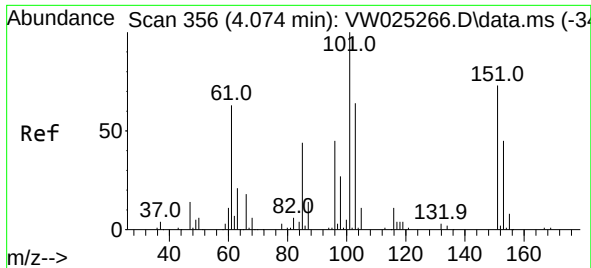
Tgt Ion: 64 Resp: 78676
Ion Ratio Lower Upper
64 100
66 31.5 21.9 40.7



#9
Trichlorofluoromethane
Concen: 20.808 ug/L
RT: 3.269 min Scan# 224
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

Tgt Ion: 101 Resp: 168007
Ion Ratio Lower Upper
101 100
103 63.7 52.4 78.6

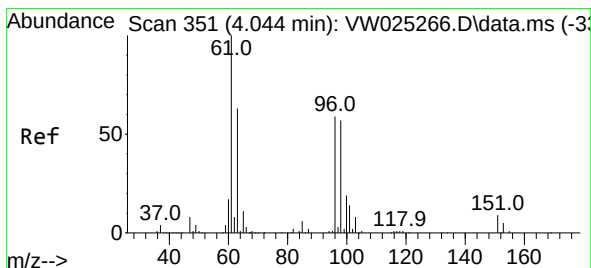
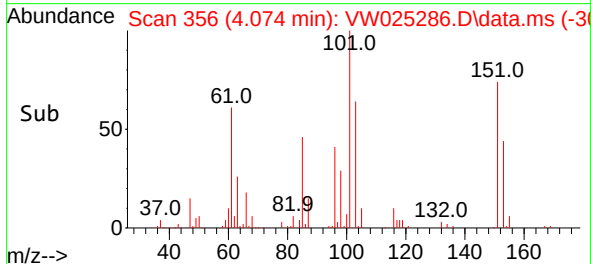
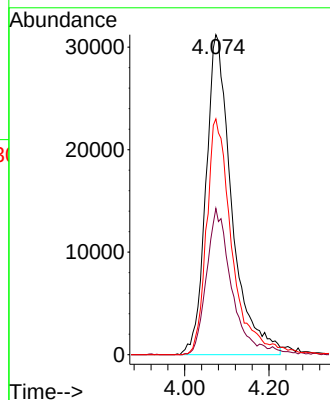
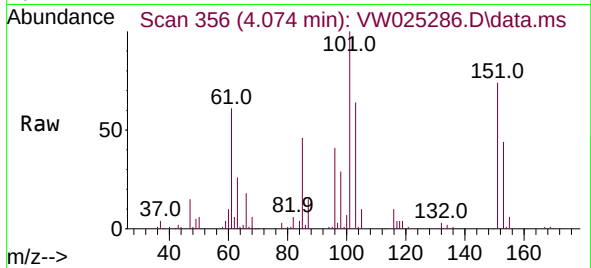




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.726 ug/L
 RT: 4.074 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW025286.D
 Acq: 06 Feb 2023 08:44

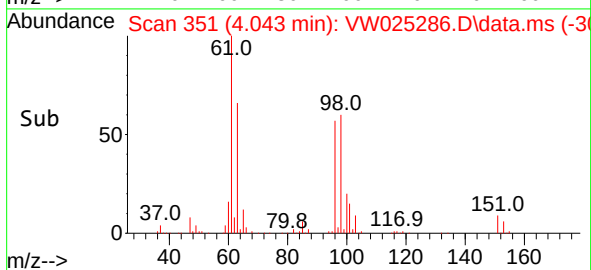
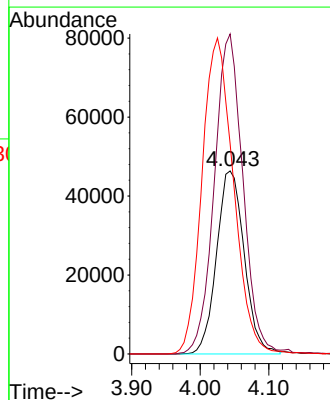
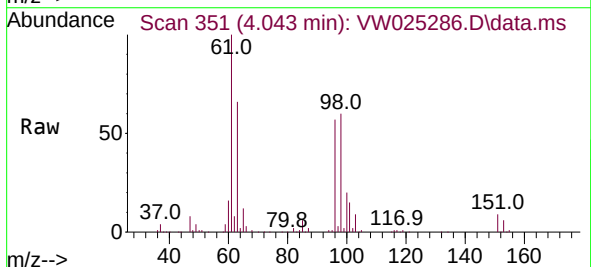
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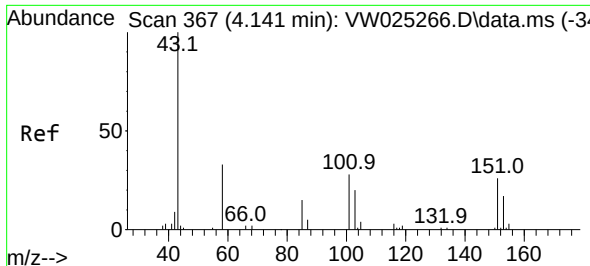
Tgt Ion:101 Resp: 133049
 Ion Ratio Lower Upper
 101 100
 85 42.7 32.8 49.2
 151 70.8 54.7 82.1



#12
 1,1-Dichloroethene
 Concen: 22.358 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW025286.D
 Acq: 06 Feb 2023 08:44

Tgt Ion: 96 Resp: 129936
 Ion Ratio Lower Upper
 96 100
 61 174.9 120.8 224.4
 63 114.9 85.7 159.1





#13

Acetone

Concen: 46.347 ug/L

RT: 4.129 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW025286.D

Acq: 06 Feb 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

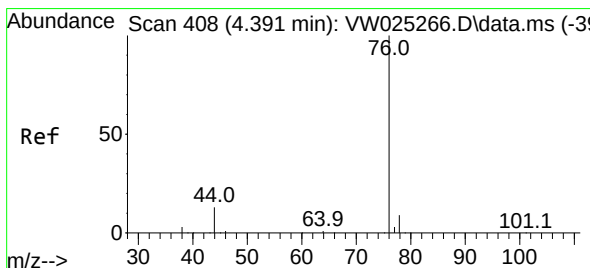
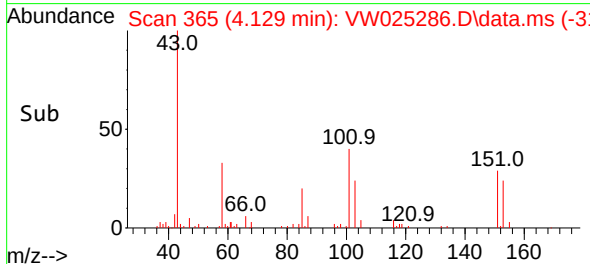
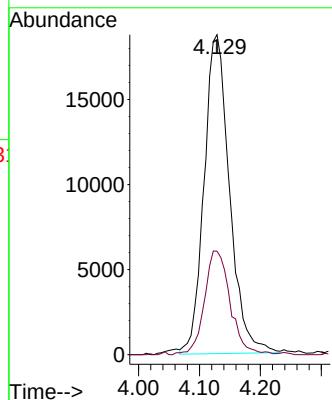
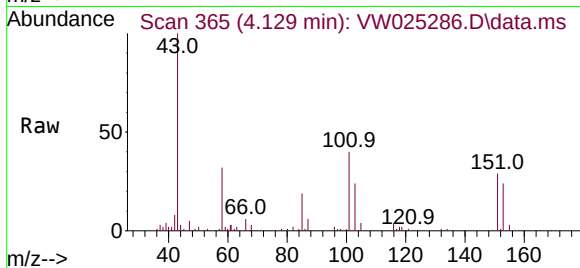
VSTD025528

Tgt Ion: 43 Resp: 54474

Ion Ratio Lower Upper

43 100

58 32.7 0.0 63.0



#14

Carbon disulfide

Concen: 22.126 ug/L

RT: 4.391 min Scan# 408

Delta R.T. -0.000 min

Lab File: VW025286.D

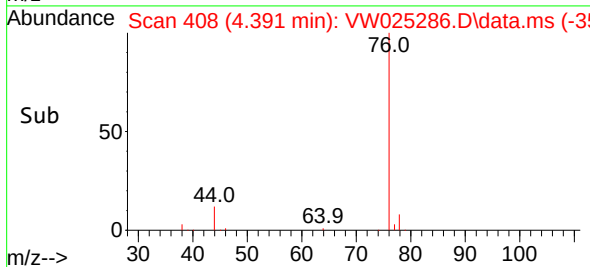
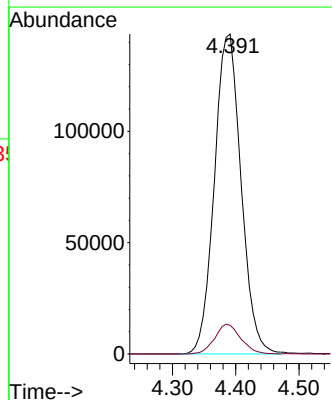
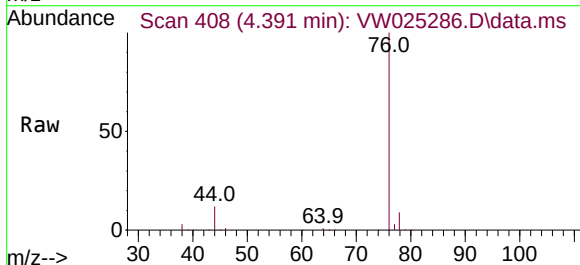
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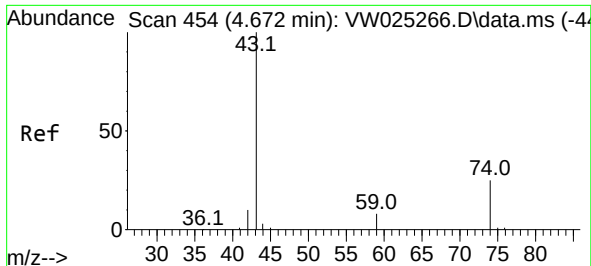
Tgt Ion: 76 Resp: 420223

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

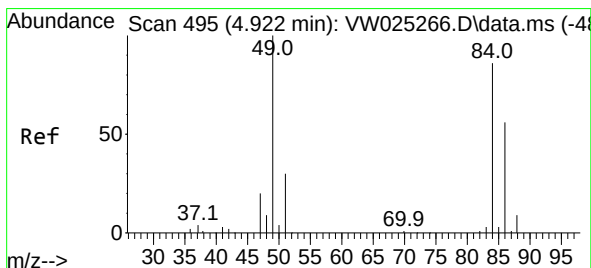
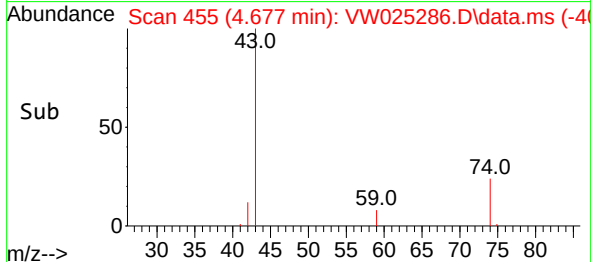
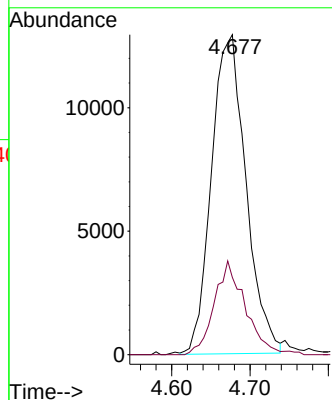
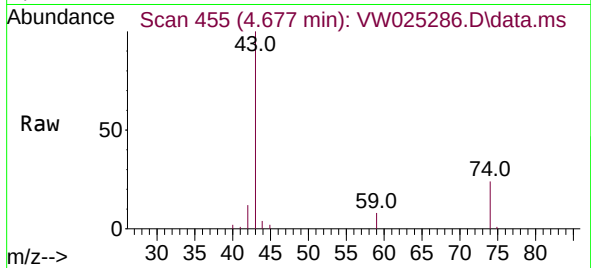




#15
Methyl Acetate
Concen: 19.667 ug/L
RT: 4.677 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

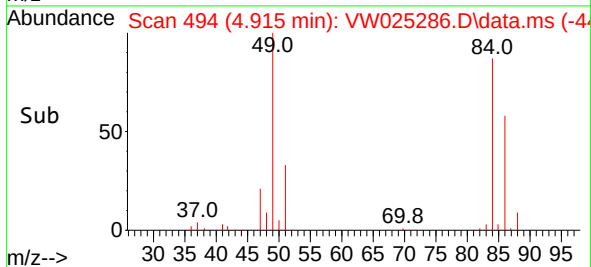
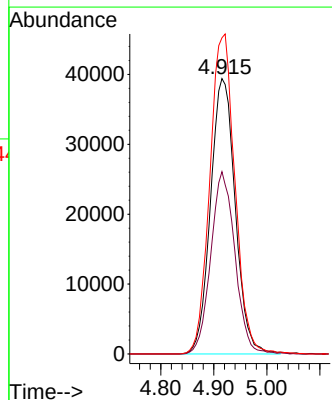
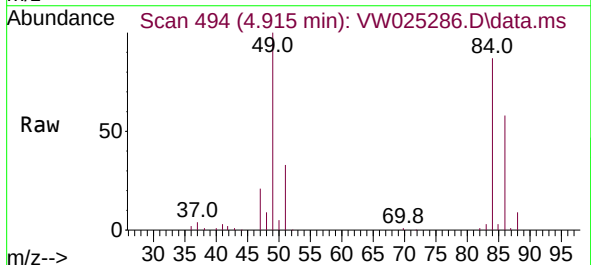
Instrument :
MSVOA_W
ClientSampleId :
VSTD025528

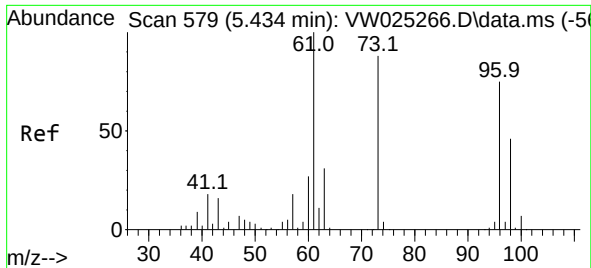
Tgt Ion: 43 Resp: 39554
Ion Ratio Lower Upper
43 100
74 26.2 20.2 30.2



#16
Methylene chloride
Concen: 17.689 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.007 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

Tgt Ion: 84 Resp: 127774
Ion Ratio Lower Upper
84 100
86 66.2 47.2 87.6
49 114.8 86.5 160.7

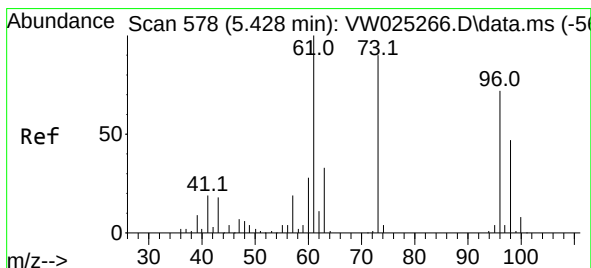
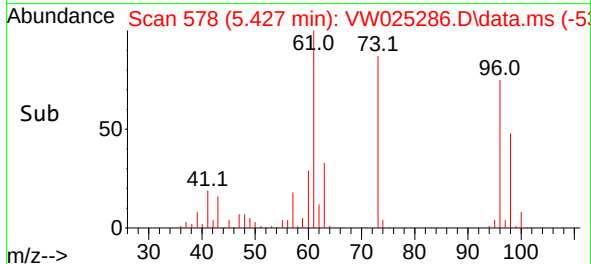
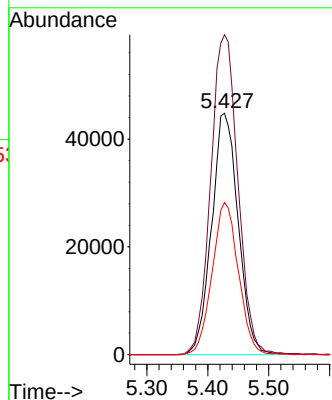
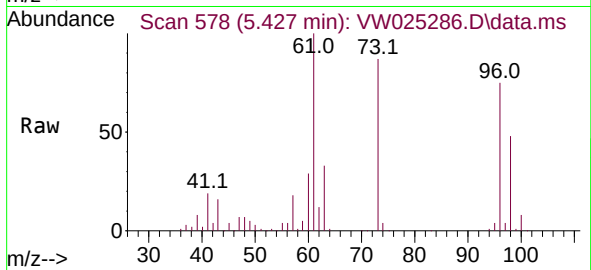




#17
trans-1,2-Dichloroethene
Concen: 21.773 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

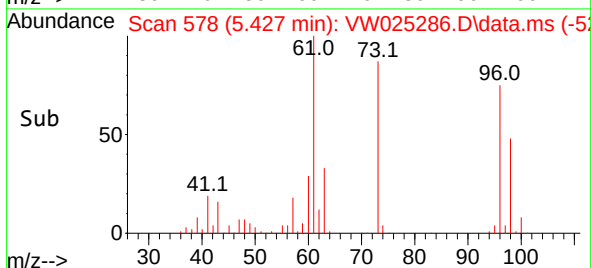
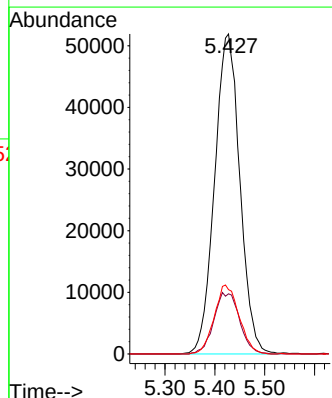
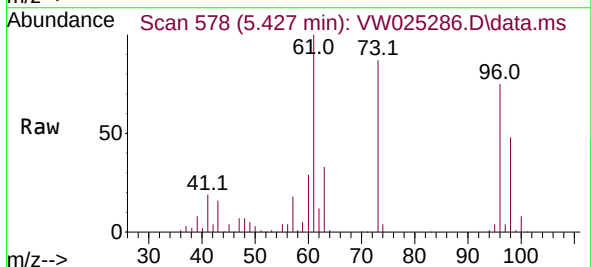
Instrument :
MSVOA_W
ClientSampleId :
VSTD025528

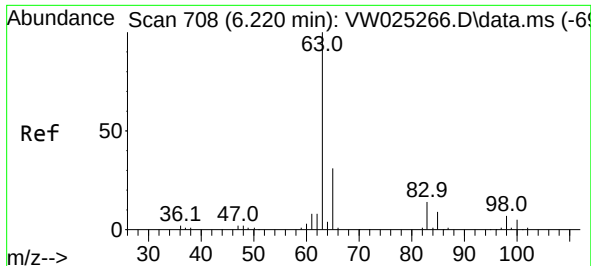
Tgt Ion: 96 Resp: 135894
Ion Ratio Lower Upper
96 100
61 132.5 98.4 182.8
98 63.0 43.5 80.9



#18
Methyl tert-butyl Ether
Concen: 20.306 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

Tgt Ion: 73 Resp: 182194
Ion Ratio Lower Upper
73 100
43 9.8 15.8 23.6#
57 21.1 17.0 25.4





#19

1,1-Dichloroethane

Concen: 21.573 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW025286.D

Acq: 06 Feb 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025528

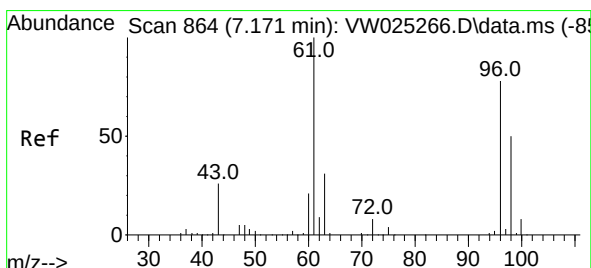
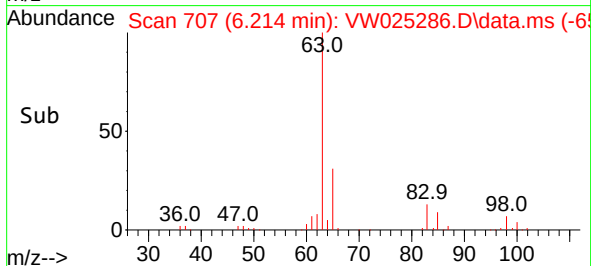
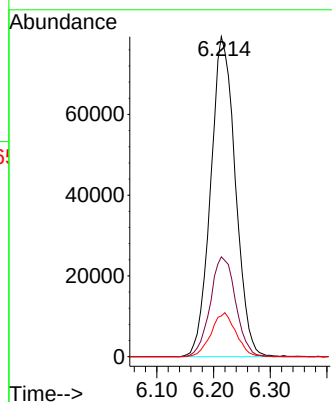
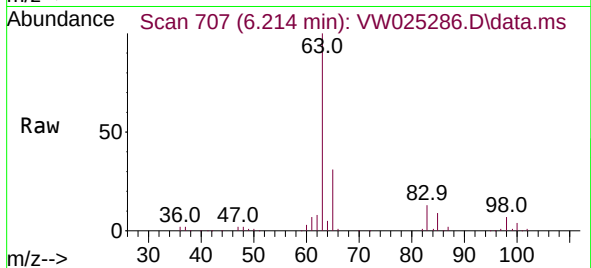
Tgt Ion: 63 Resp: 239750

Ion Ratio Lower Upper

63 100

65 31.2 22.0 41.0

83 12.8 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 21.248 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW025286.D

Acq: 06 Feb 2023 08:44

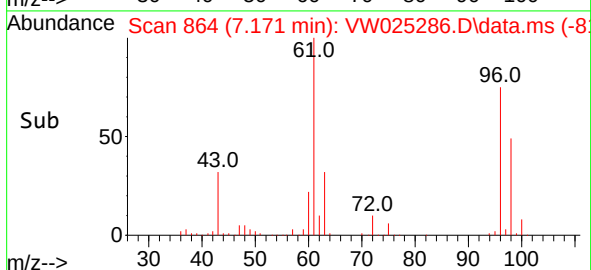
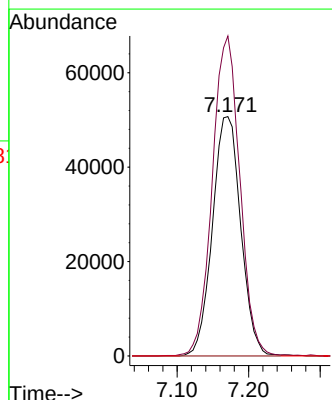
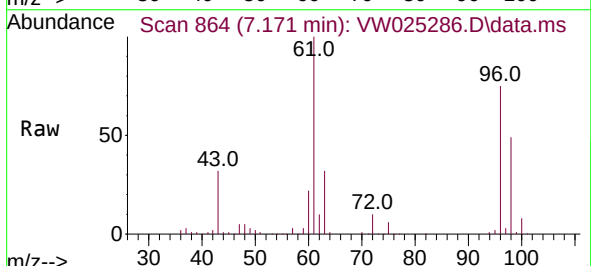
Tgt Ion: 96 Resp: 139245

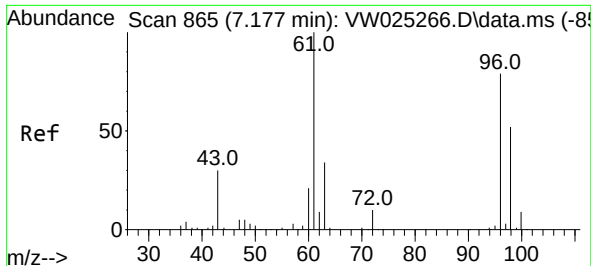
Ion Ratio Lower Upper

96 100

61 133.7 87.2 162.0

68 0.0 0.0 0.0

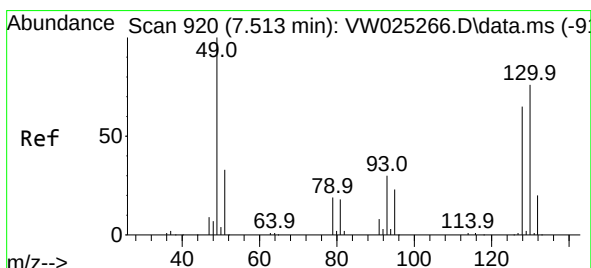
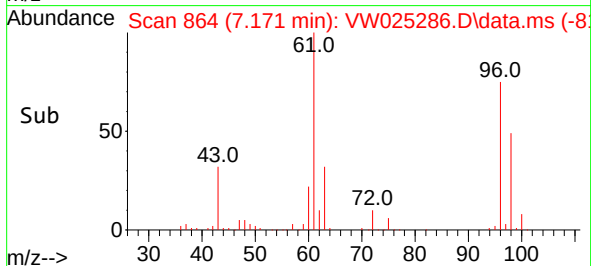
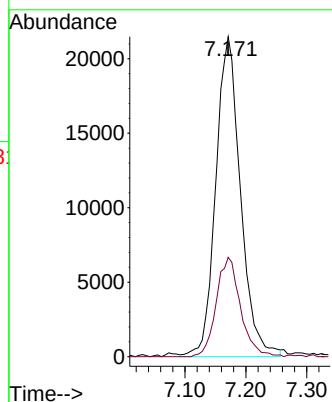
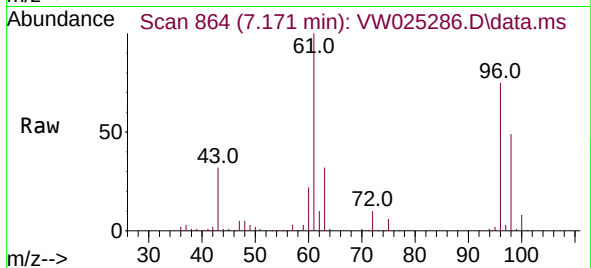




#22
2-Butanone
Concen: 42.372 ug/L
RT: 7.171 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

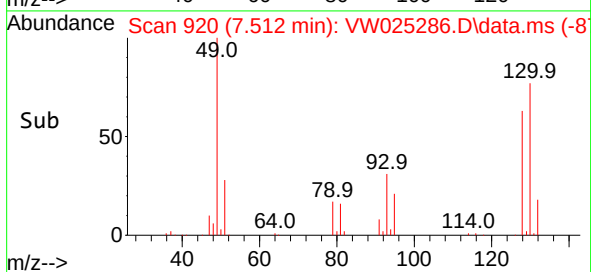
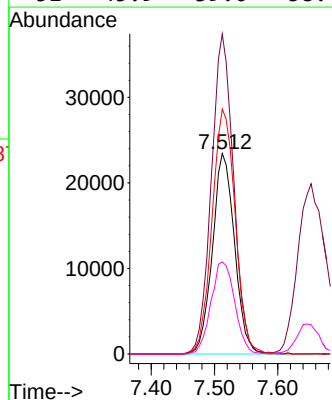
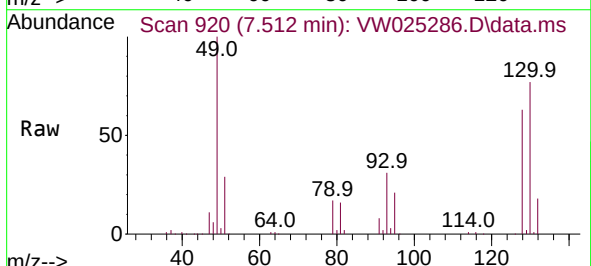
Instrument :
MSVOA_W
ClientSampleId :
VSTD025528

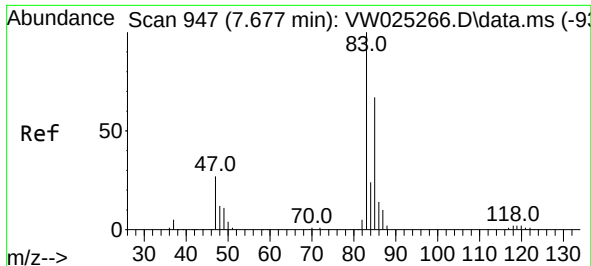
Tgt Ion: 43 Resp: 60563
Ion Ratio Lower Upper
43 100
72 30.0 15.2 45.6



#23
Bromochloromethane
Concen: 21.042 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

Tgt Ion: 128 Resp: 56798
Ion Ratio Lower Upper
128 100
49 159.6 109.0 202.4
130 122.2 93.3 173.3
51 45.9 39.0 58.4

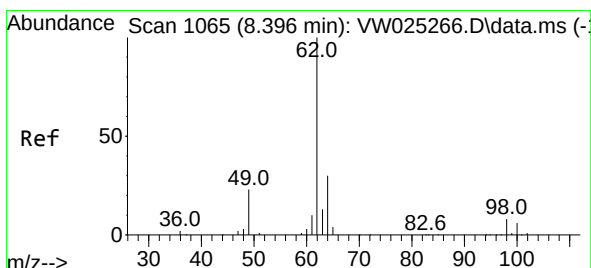
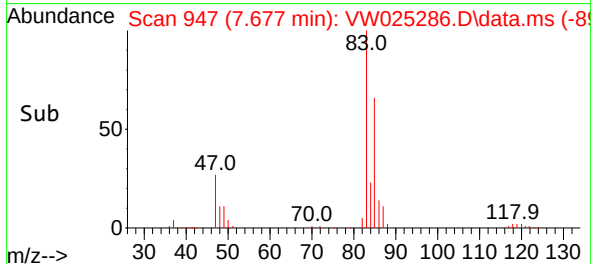
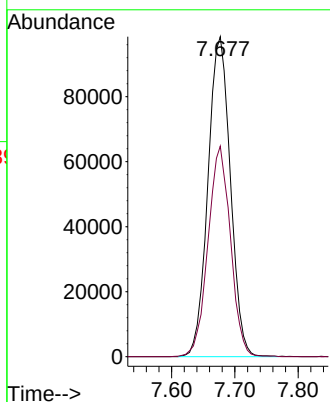
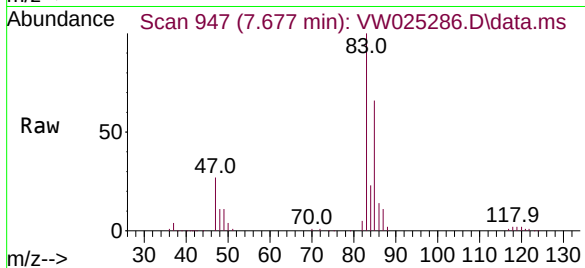




#25
Chloroform
Concen: 21.188 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

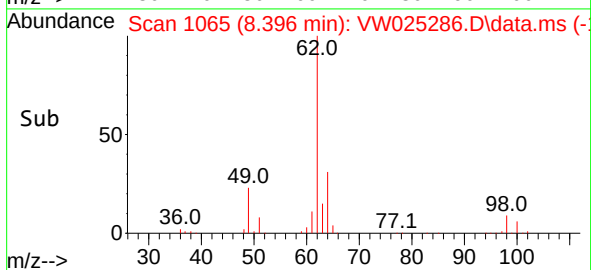
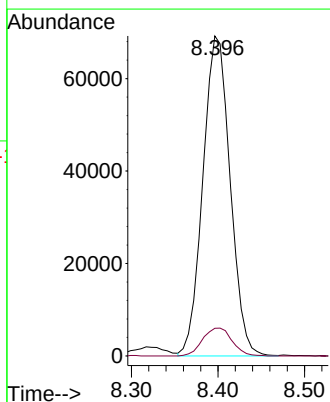
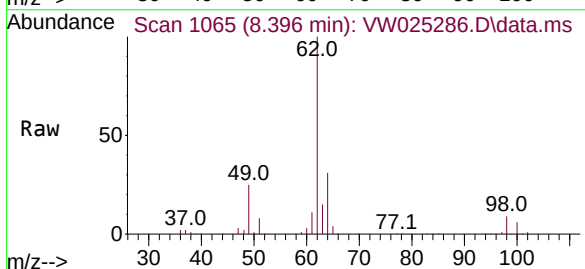
Instrument :
MSVOA_W
ClientSampleId :
VSTD025528

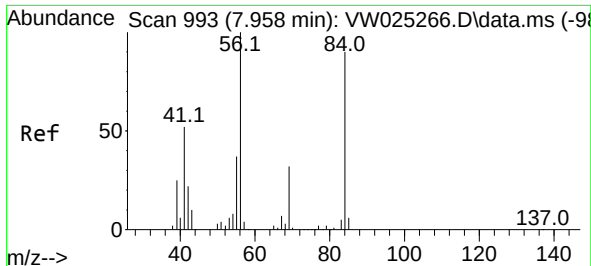
Tgt Ion: 83 Resp: 242208
Ion Ratio Lower Upper
83 100
85 65.8 45.8 85.0



#27
1,2-Dichloroethane
Concen: 21.760 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

Tgt Ion: 62 Resp: 151504
Ion Ratio Lower Upper
62 100
98 8.7 7.4 11.0





#29

Cyclohexane

Concen: 22.017 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW025286.D

Acq: 06 Feb 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025528

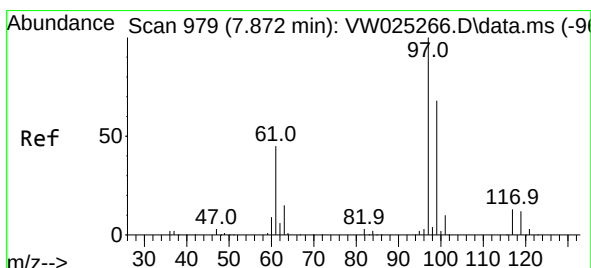
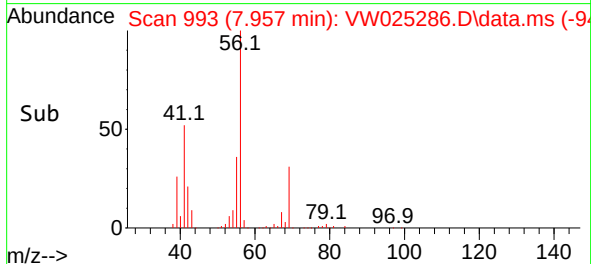
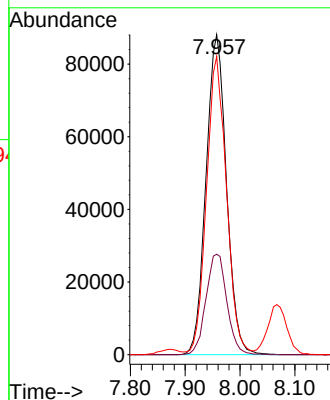
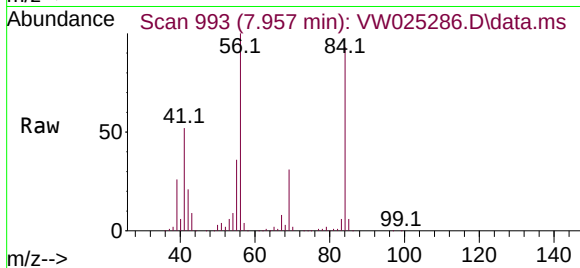
Tgt Ion: 56 Resp: 228454

Ion Ratio Lower Upper

56 100

69 32.0 25.1 37.7

84 91.1 73.2 109.8



#30

1,1,1-Trichloroethane

Concen: 21.719 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW025286.D

Acq: 06 Feb 2023 08:44

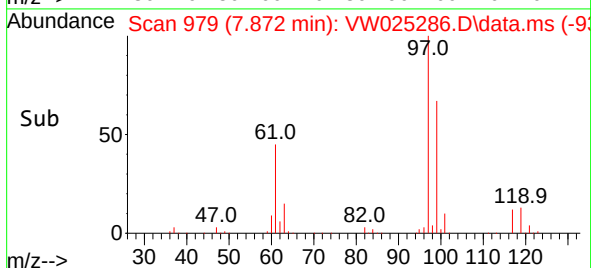
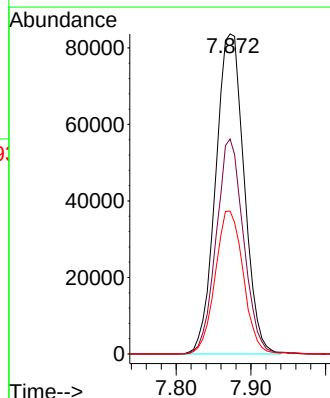
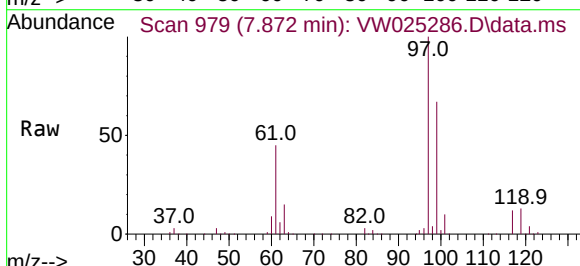
Tgt Ion: 97 Resp: 221965

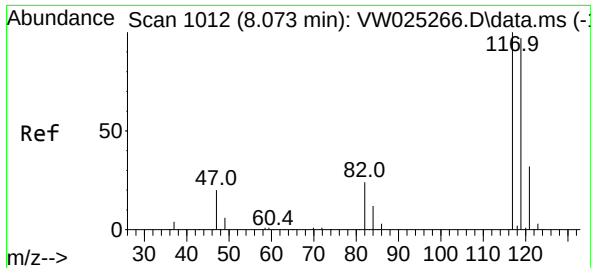
Ion Ratio Lower Upper

97 100

99 64.5 51.2 76.8

61 43.9 35.0 52.6

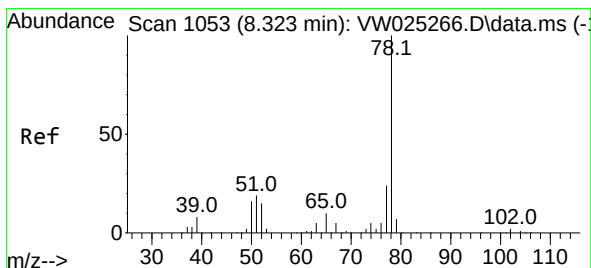
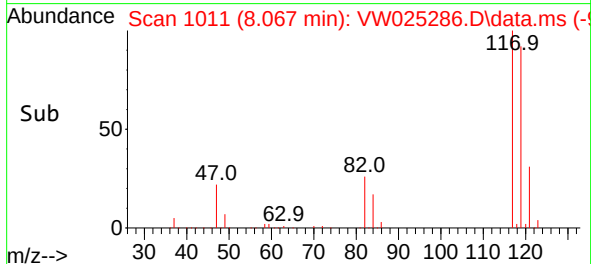
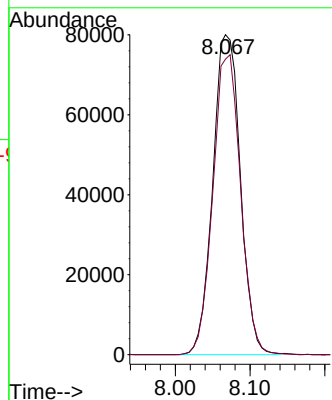
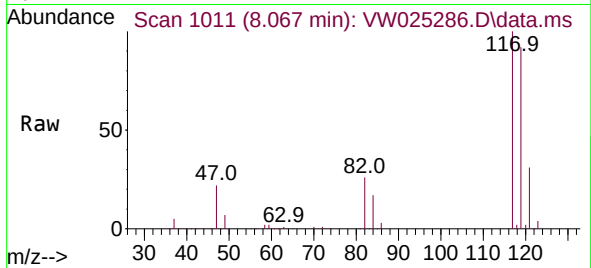




#31
Carbon tetrachloride
Concen: 21.737 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

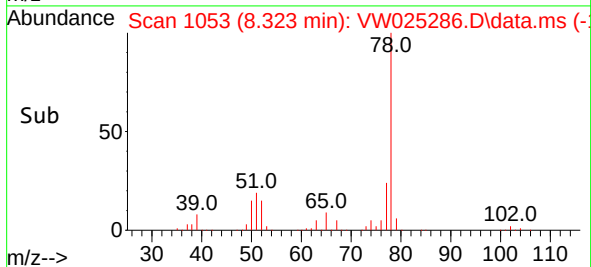
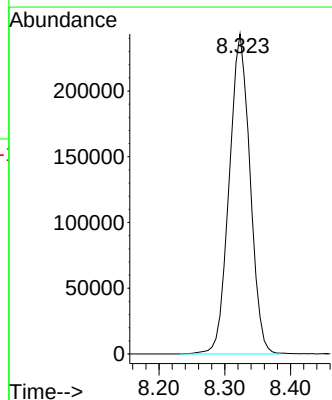
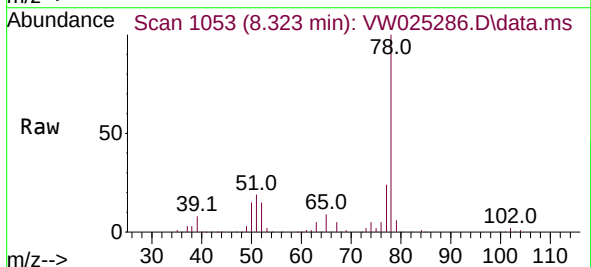
Instrument :
MSVOA_W
ClientSampleId :
VSTD025528

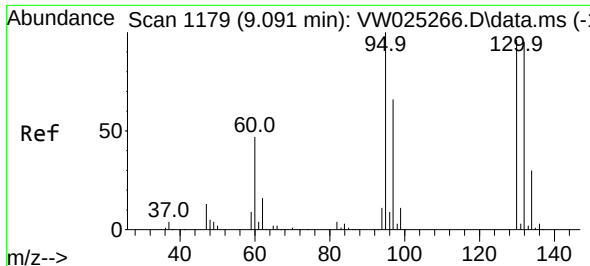
Tgt Ion:117 Resp: 205477
Ion Ratio Lower Upper
117 100
119 94.2 77.6 116.4



#33
Benzene
Concen: 21.508 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

Tgt Ion: 78 Resp: 536281

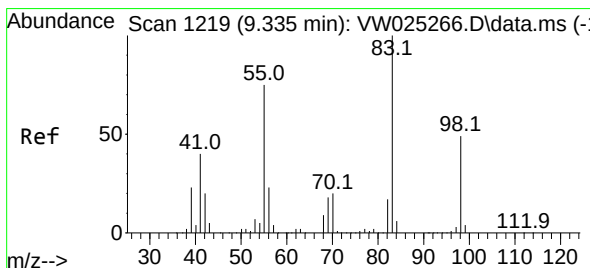
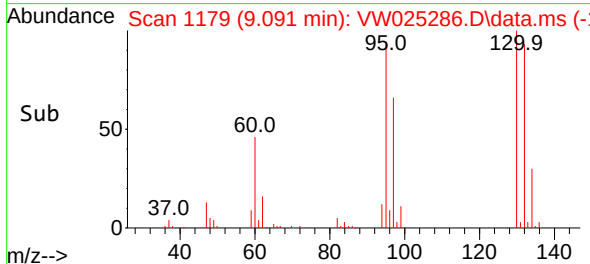
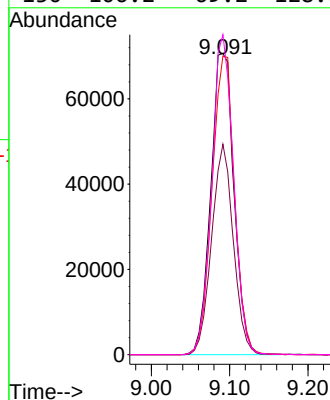
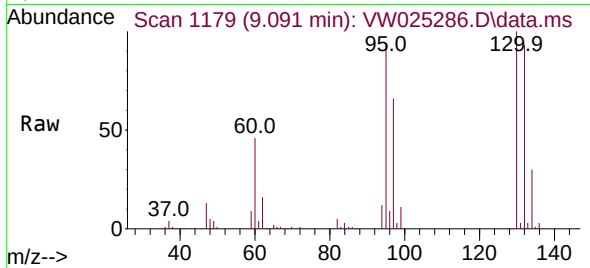




#34
Trichloroethene
Concen: 20.935 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

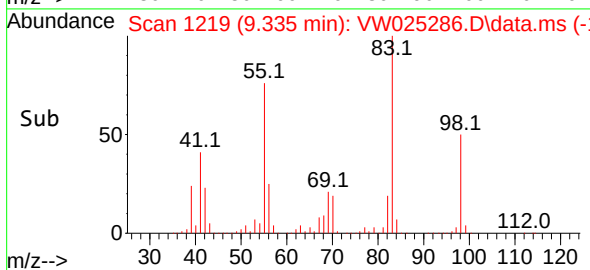
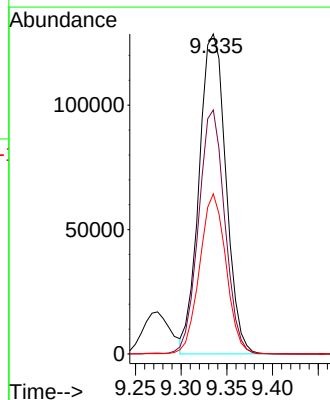
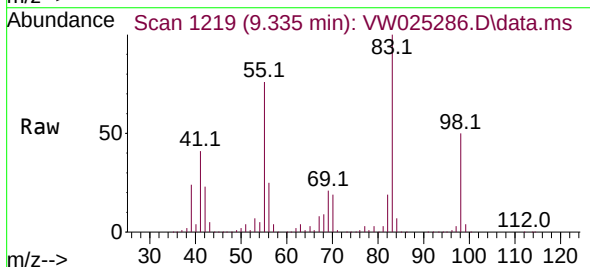
Instrument :
MSVOA_W
ClientSampleId :
VSTD025528

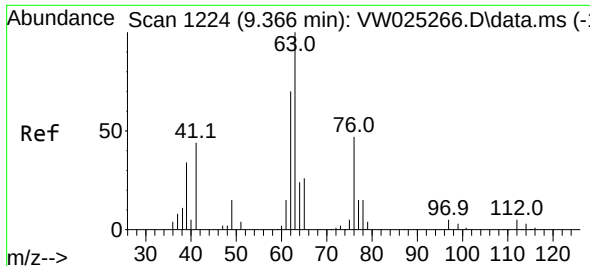
Tgt Ion: 95 Resp: 146213
Ion Ratio Lower Upper
95 100
97 69.8 45.4 84.2
132 99.1 67.1 124.5
130 106.2 69.2 128.6



#35
Methylcyclohexane
Concen: 21.011 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

Tgt Ion: 83 Resp: 261932
Ion Ratio Lower Upper
83 100
55 74.8 58.8 88.2
98 48.9 39.5 59.3

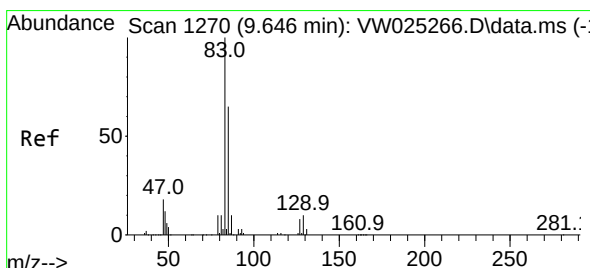
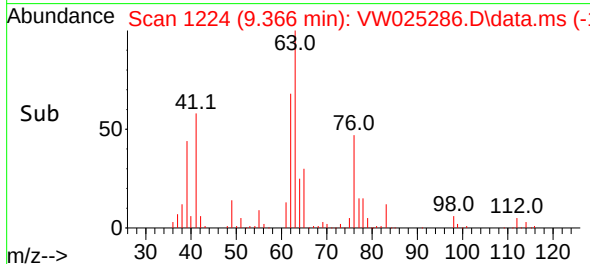
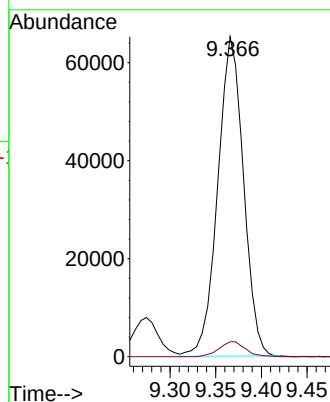
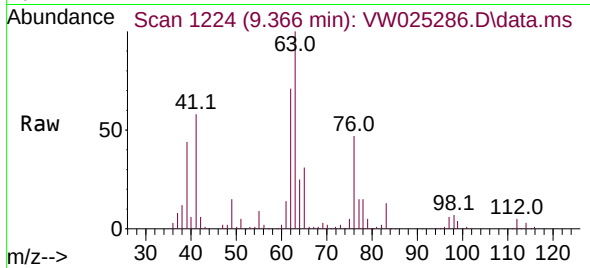




#37
1,2-Dichloropropane
Concen: 20.776 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

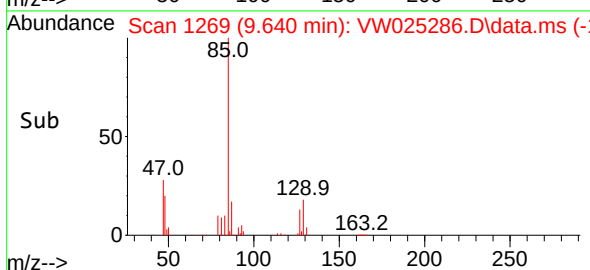
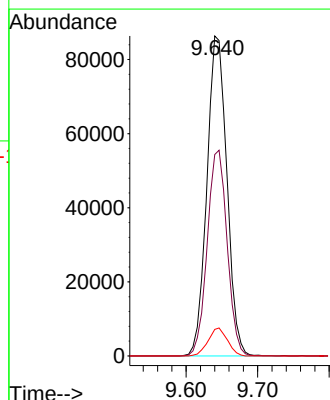
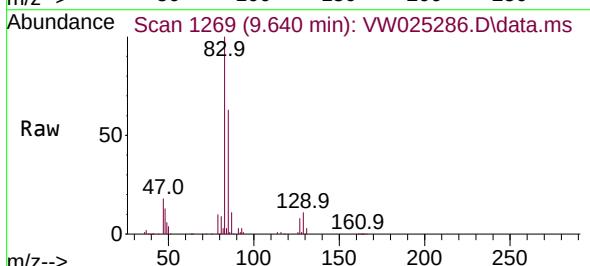
Instrument :
MSVOA_W
ClientSampleId :
VSTD025528

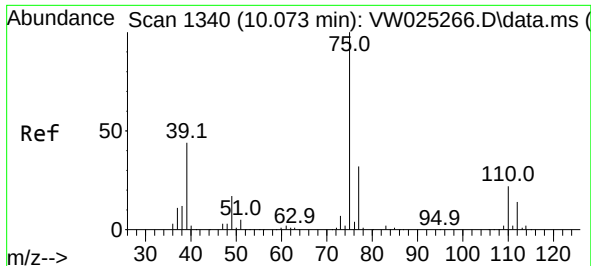
Tgt Ion: 63 Resp: 127762
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.8



#38
Bromodichloromethane
Concen: 20.519 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

Tgt Ion: 83 Resp: 167782
Ion Ratio Lower Upper
83 100
85 63.0 44.4 82.4
127 8.3 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 20.648 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW025286.D

Acq: 06 Feb 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

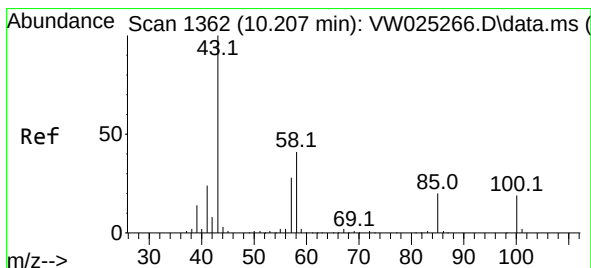
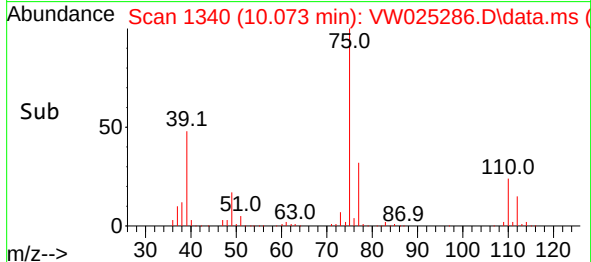
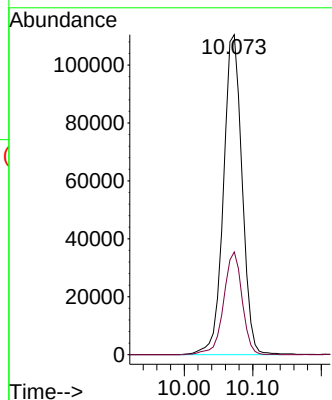
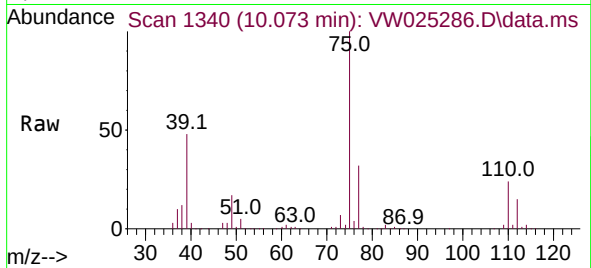
VSTD025528

Tgt Ion: 75 Resp: 207900

Ion Ratio Lower Upper

75 100

77 32.1 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 39.530 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025286.D

Acq: 06 Feb 2023 08:44

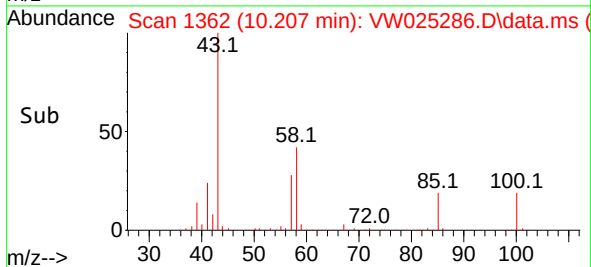
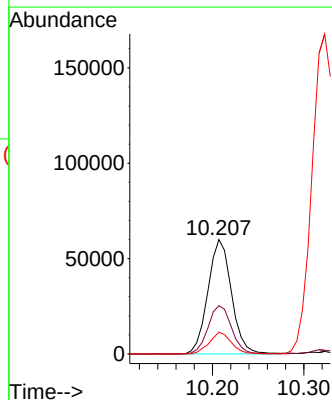
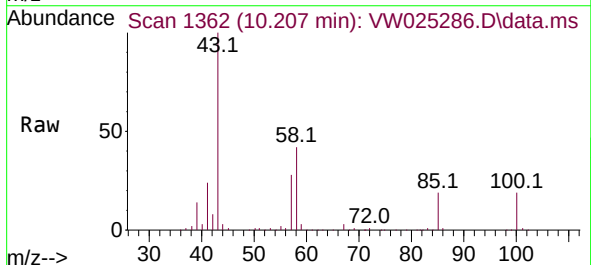
Tgt Ion: 43 Resp: 107332

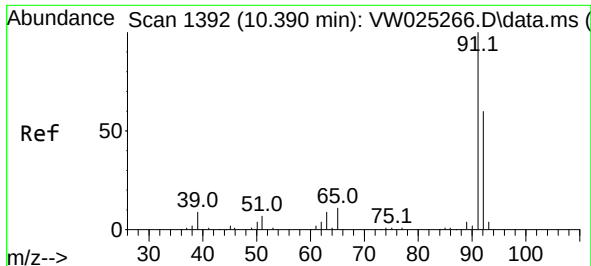
Ion Ratio Lower Upper

43 100

58 42.2 34.1 51.1

100 17.8 14.5 21.7





#42

Toluene

Concen: 23.634 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW025286.D

Acq: 06 Feb 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

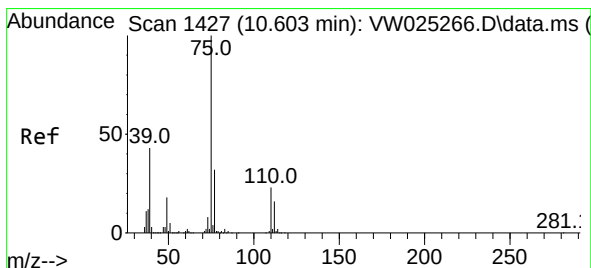
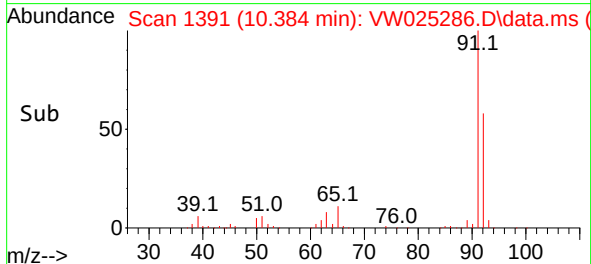
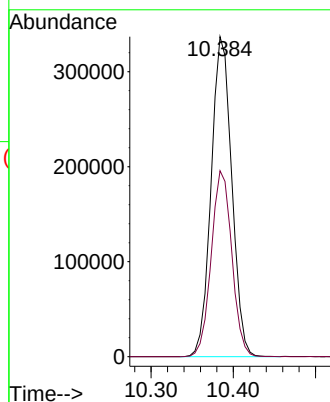
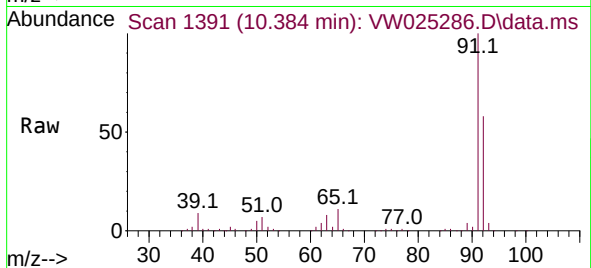
VSTD025528

Tgt Ion: 91 Resp: 586007

Ion Ratio Lower Upper

91 100

92 58.1 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 23.743 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW025286.D

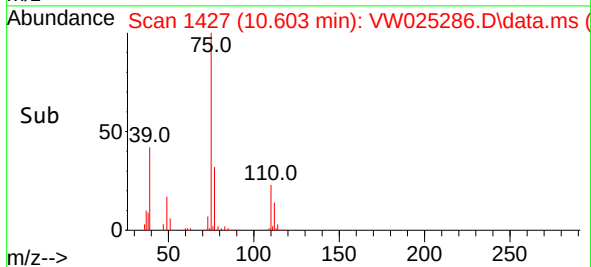
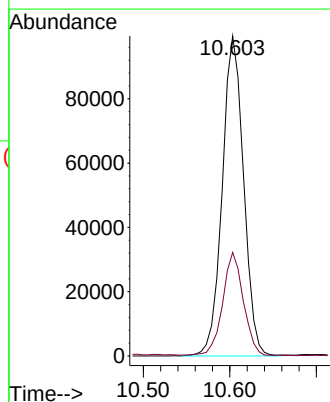
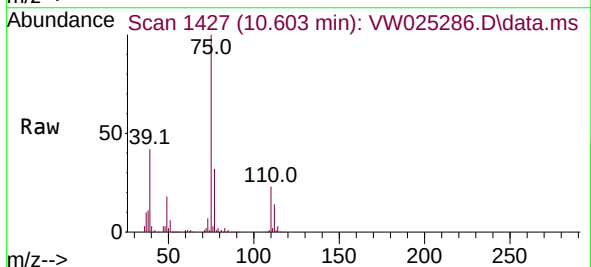
Acq: 06 Feb 2023 08:44

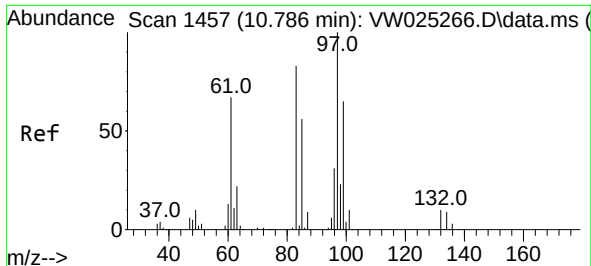
Tgt Ion: 75 Resp: 170407

Ion Ratio Lower Upper

75 100

77 32.4 21.7 40.3

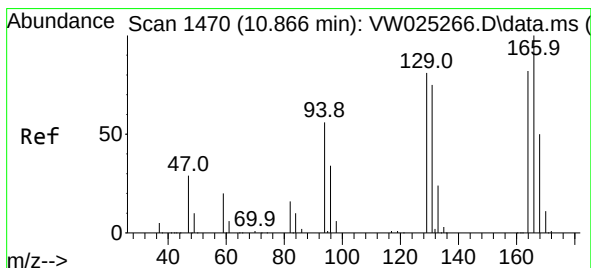
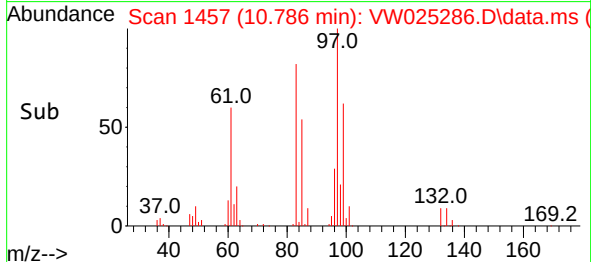
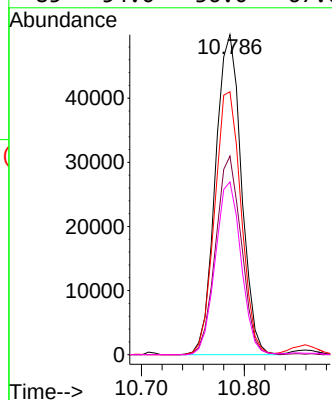
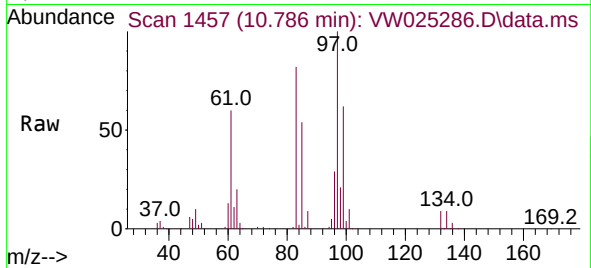




#45
1,1,2-Trichloroethane
Concen: 22.642 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

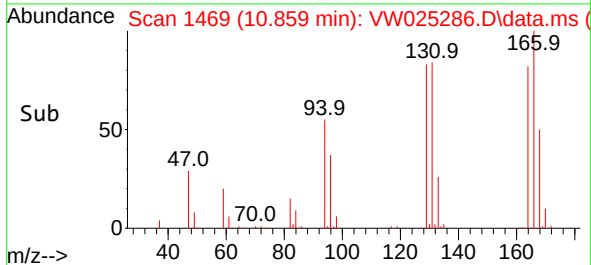
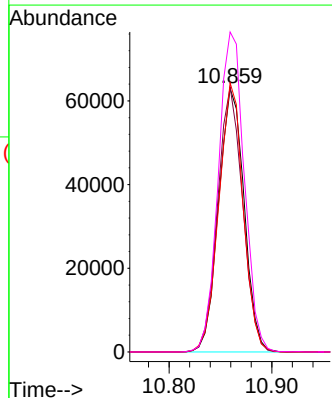
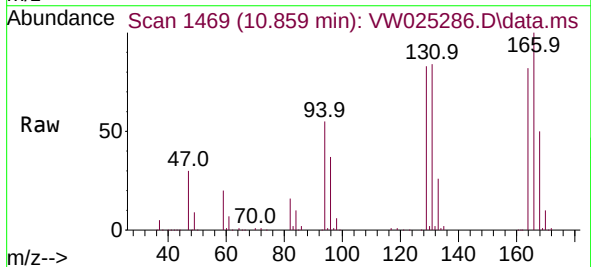
Instrument :
MSVOA_W
ClientSampleId :
VSTD025528

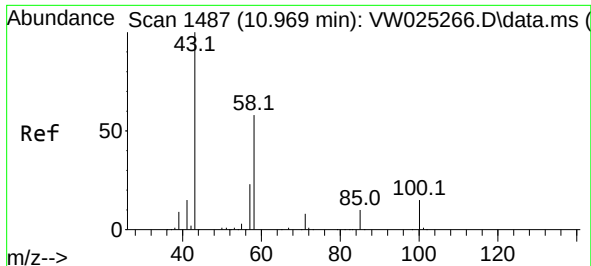
Tgt Ion:	97	Resp:	87755
Ion	Ratio	Lower	Upper
97	100		
99	62.1	41.4	76.8
83	82.2	54.0	100.4
85	54.0	36.0	67.0



#46
Tetrachloroethene
Concen: 24.284 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

Tgt Ion:	164	Resp:	108390
Ion	Ratio	Lower	Upper
164	100		
129	100.5	74.1	137.5
131	102.1	72.3	134.3
166	121.4	86.3	160.3

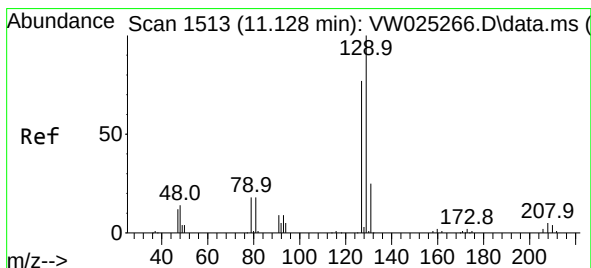
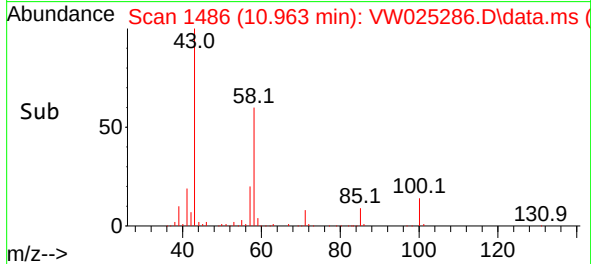
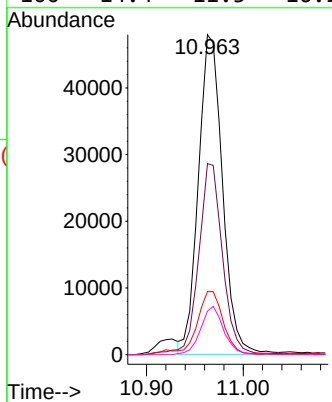
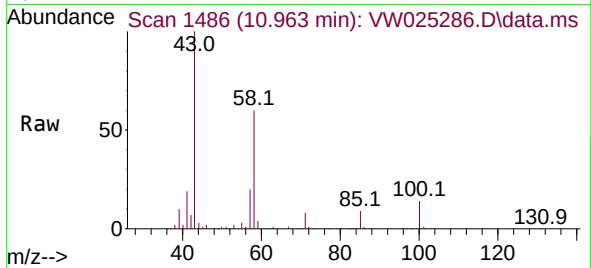




#48
2-Hexanone
Concen: 48.651 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

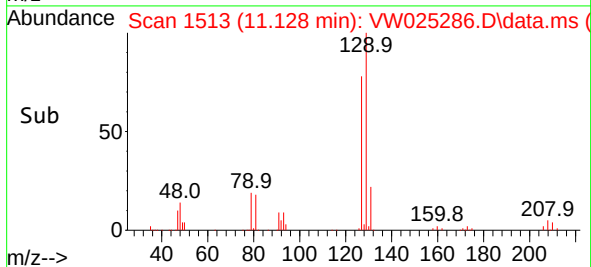
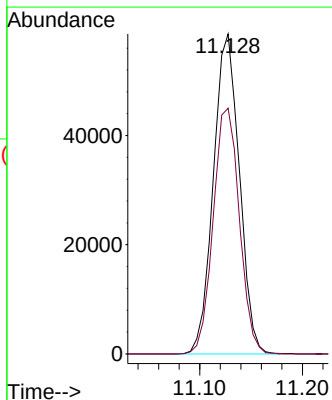
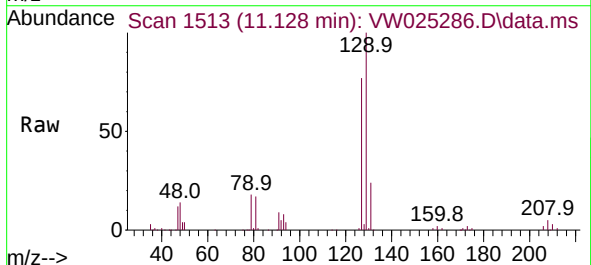
Instrument :
MSVOA_W
ClientSampleId :
VSTD025528

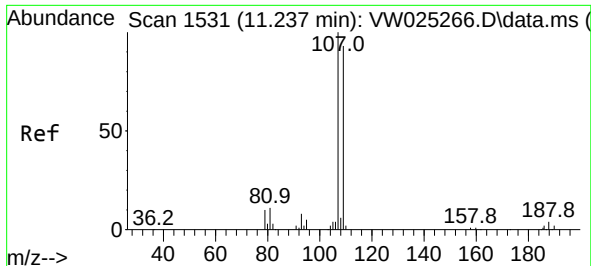
Tgt Ion: 43 Resp: 83394
Ion Ratio Lower Upper
43 100
58 59.2 46.3 69.5
57 19.9 16.5 24.7
100 14.4 11.3 16.9



#49
Dibromochloromethane
Concen: 23.481 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

Tgt Ion: 129 Resp: 102788
Ion Ratio Lower Upper
129 100
127 76.8 54.8 101.8





#50

1,2-Dibromoethane

Concen: 23.105 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025286.D

Acq: 06 Feb 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025528

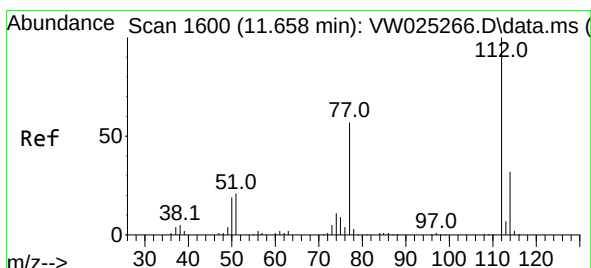
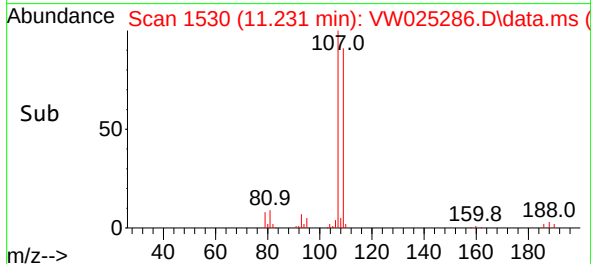
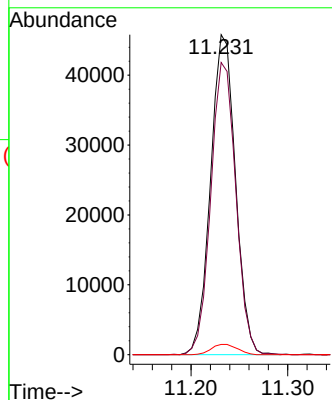
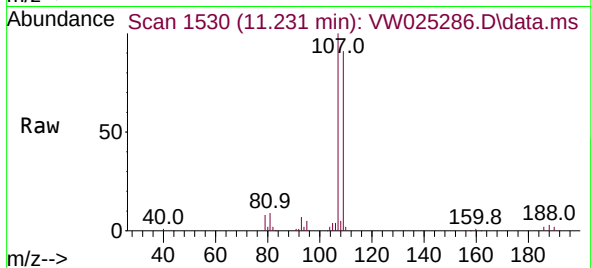
Tgt Ion:107 Resp: 82030

Ion Ratio Lower Upper

107 100

109 91.3 65.0 120.6

188 3.2 2.3 3.5



#51

Chlorobenzene

Concen: 21.760 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW025286.D

Acq: 06 Feb 2023 08:44

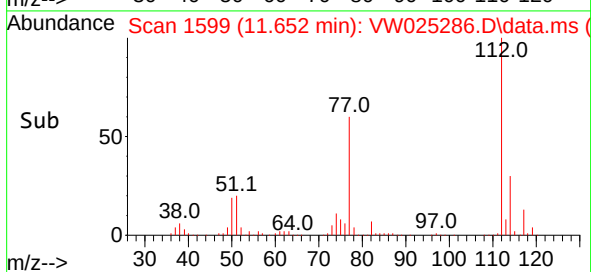
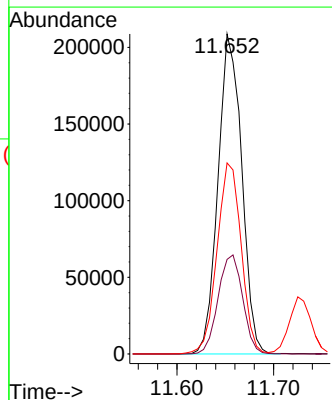
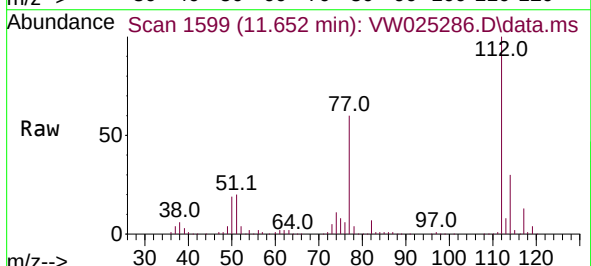
Tgt Ion:112 Resp: 355068

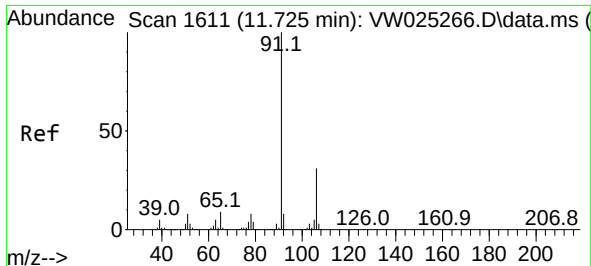
Ion Ratio Lower Upper

112 100

114 29.5 21.7 40.3

77 59.7 46.2 69.4

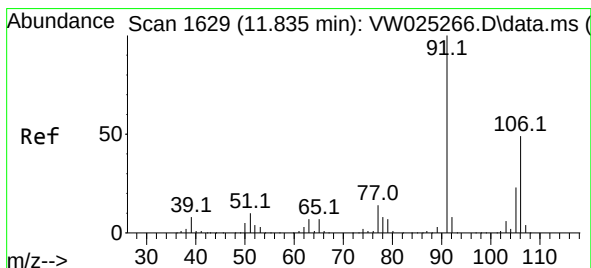
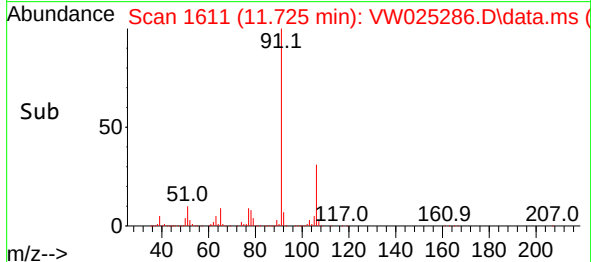
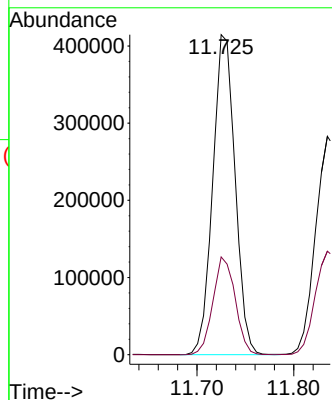
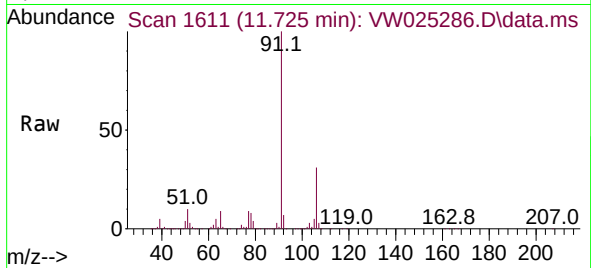




#52
Ethylbenzene
Concen: 22.383 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

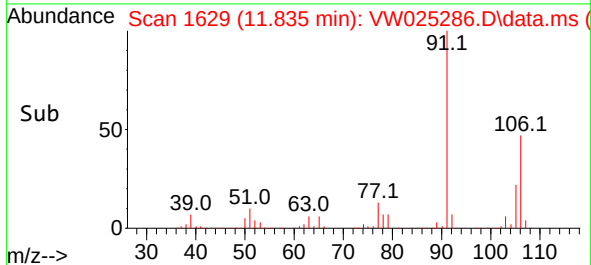
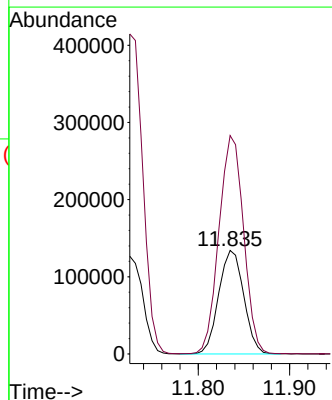
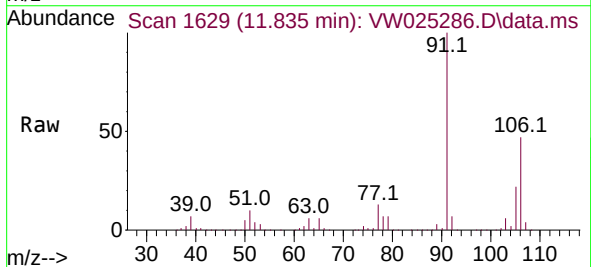
Instrument :
MSVOA_W
ClientSampleId :
VSTD025528

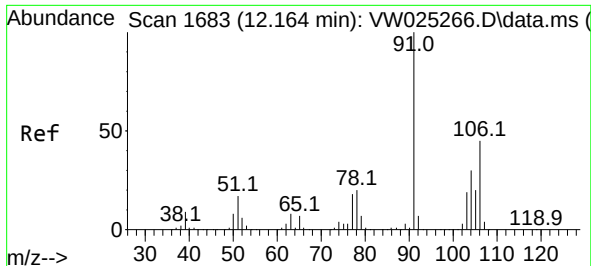
Tgt Ion: 91 Resp: 664948
Ion Ratio Lower Upper
91 100
106 30.5 21.1 39.1



#53
m,p-Xylene
Concen: 22.670 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

Tgt Ion:106 Resp: 255242
Ion Ratio Lower Upper
106 100
91 211.0 143.4 266.4

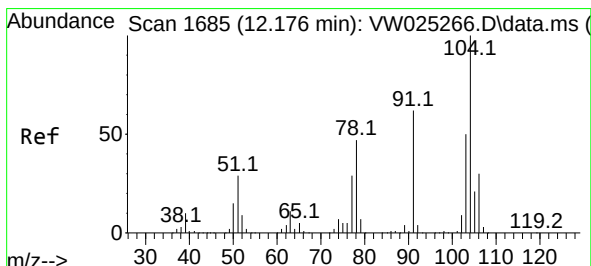
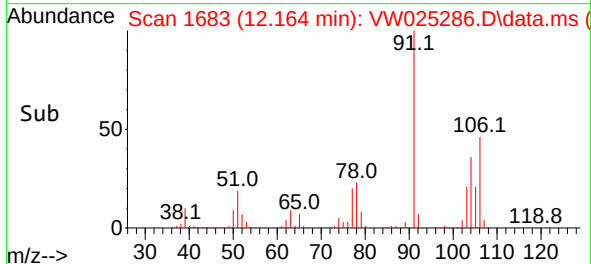
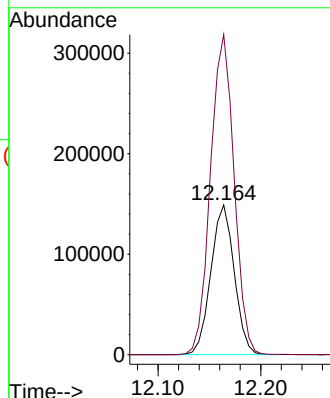
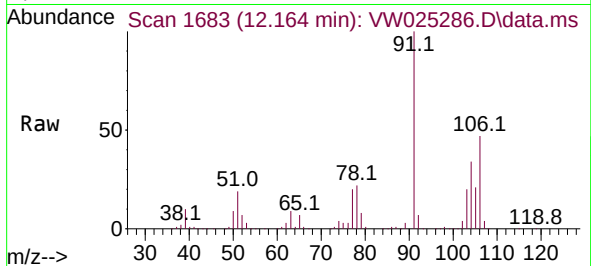




#54
o-Xylene
Concen: 20.766 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

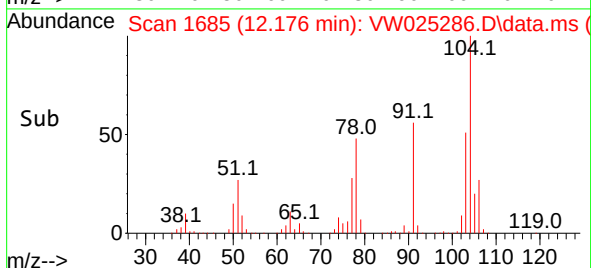
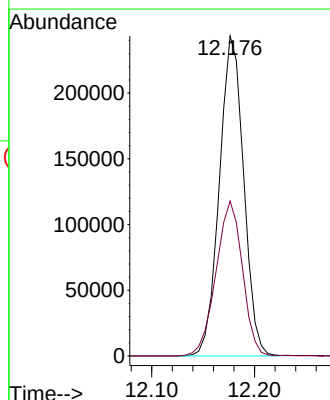
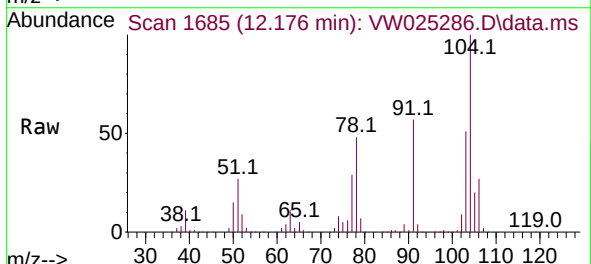
Instrument :
MSVOA_W
ClientSampleId :
VSTD025528

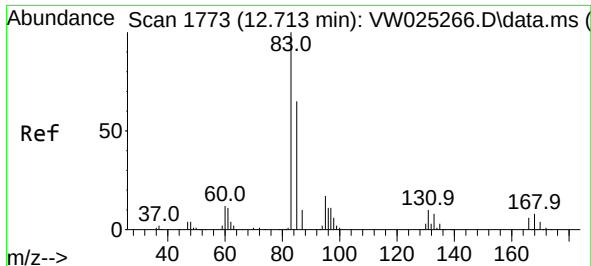
Tgt Ion:106 Resp: 235362
Ion Ratio Lower Upper
106 100
91 213.7 157.6 292.8



#55
Styrene
Concen: 20.797 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

Tgt Ion:104 Resp: 399108
Ion Ratio Lower Upper
104 100
78 48.4 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 19.702 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025286.D

Acq: 06 Feb 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025528

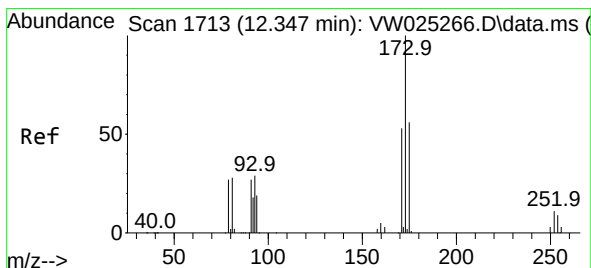
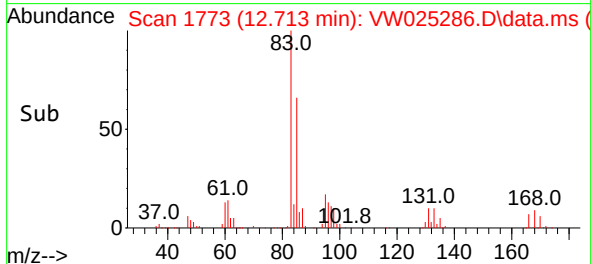
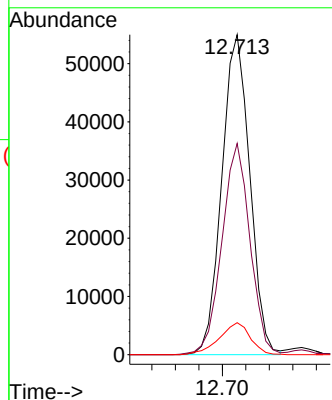
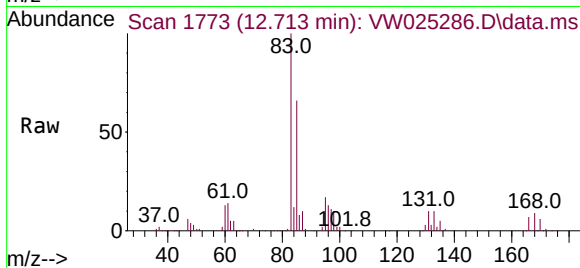
Tgt Ion: 83 Resp: 90980

Ion Ratio Lower Upper

83 100

85 66.0 44.7 83.1

131 10.0 7.8 11.6



#59

Bromoform

Concen: 22.206 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW025286.D

Acq: 06 Feb 2023 08:44

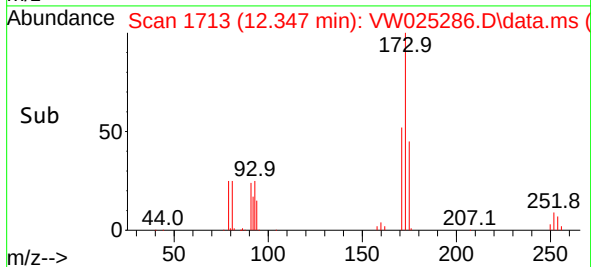
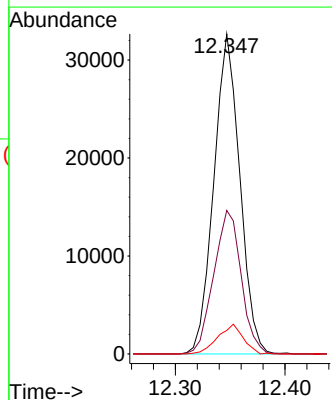
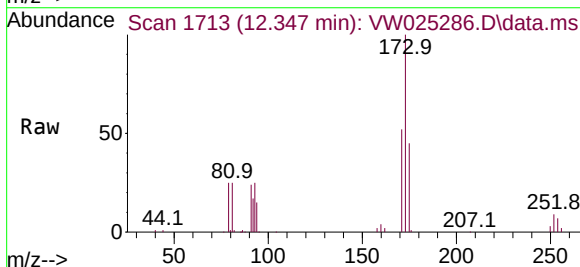
Tgt Ion: 173 Resp: 53760

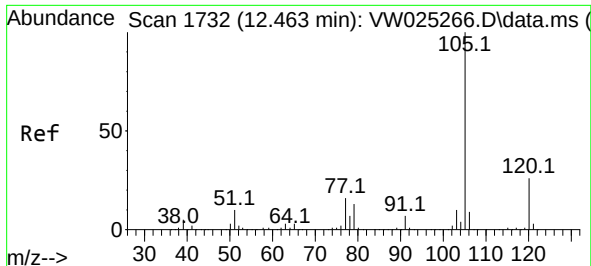
Ion Ratio Lower Upper

173 100

175 47.3 38.6 58.0

254 9.1 7.0 10.4

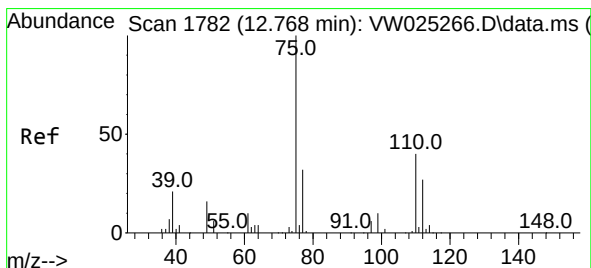
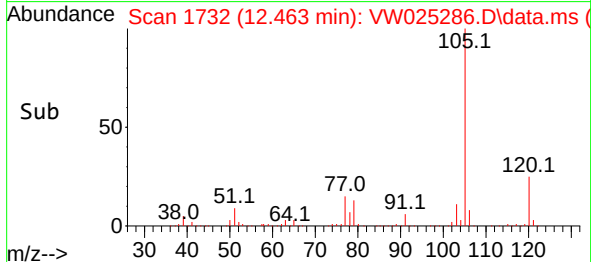
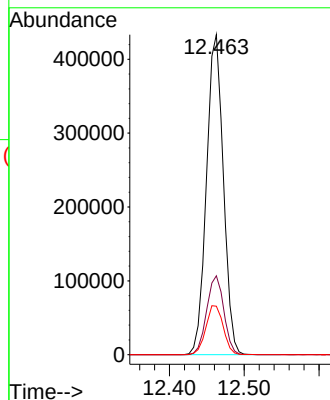
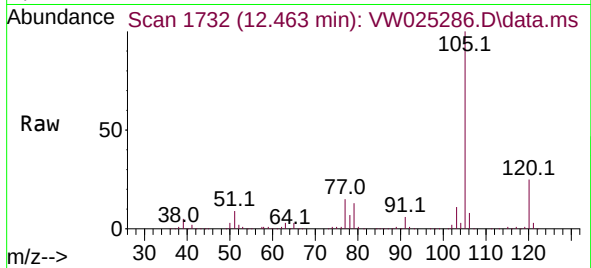




#60
Isopropylbenzene
Concen: 23.516 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

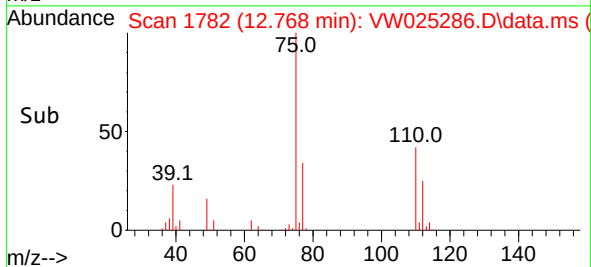
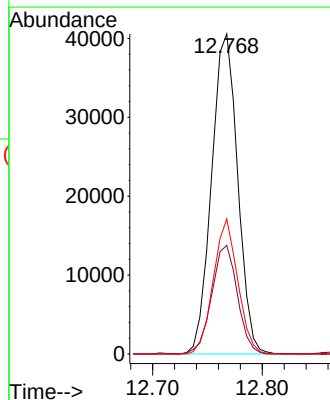
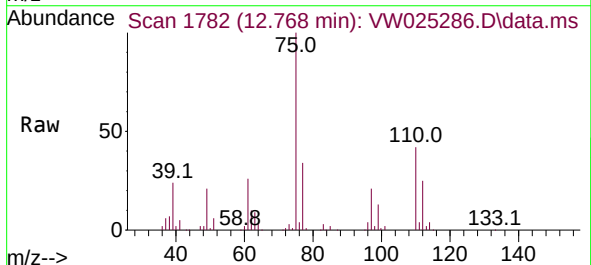
Instrument :
MSVOA_W
ClientSampleId :
VSTD025528

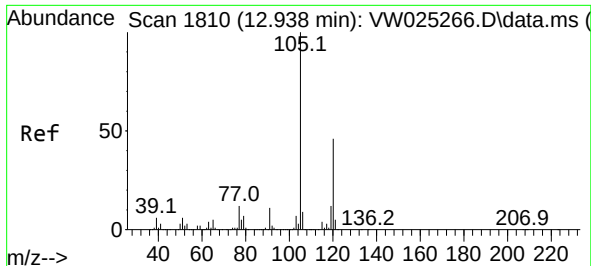
Tgt Ion:105 Resp: 679553
Ion Ratio Lower Upper
105 100
120 25.0 20.6 30.8
77 15.9 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 22.125 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

Tgt Ion: 75 Resp: 67124
Ion Ratio Lower Upper
75 100
77 33.3 26.7 40.1
110 39.5 33.2 49.8

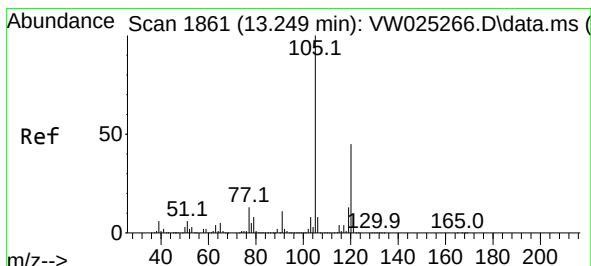
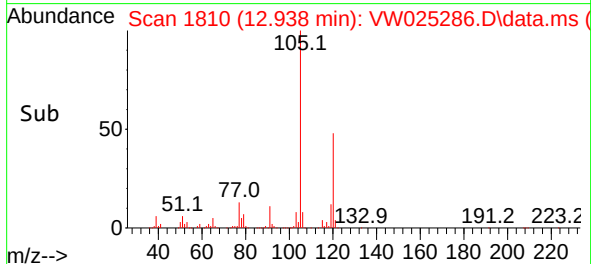
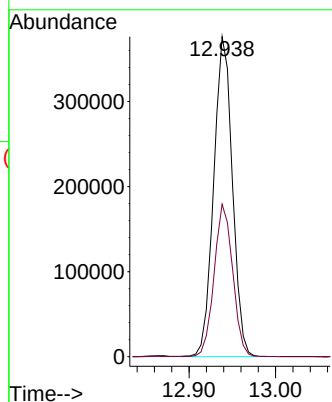
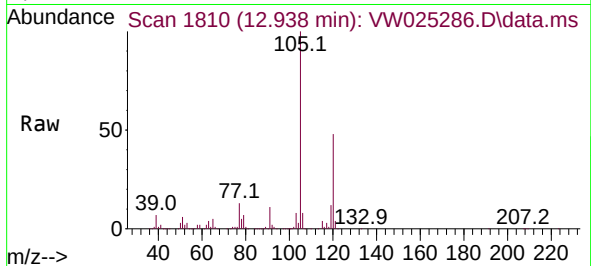




#62
1,3,5-Trimethylbenzene
Concen: 24.200 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

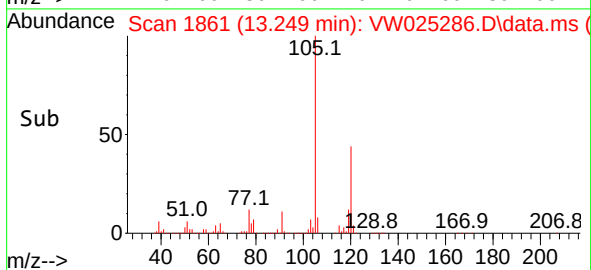
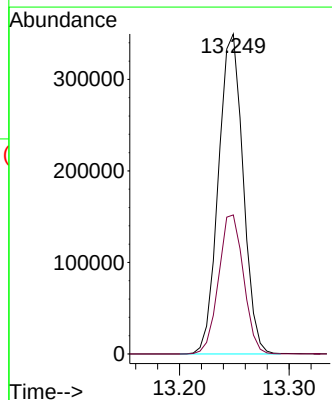
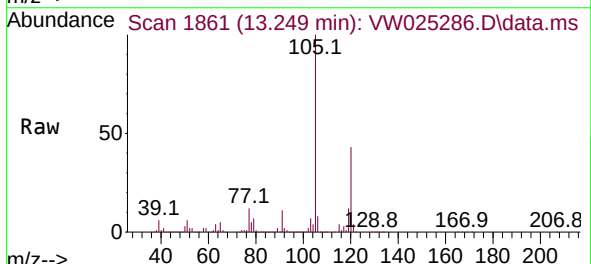
Instrument :
MSVOA_W
ClientSampleId :
VSTD025528

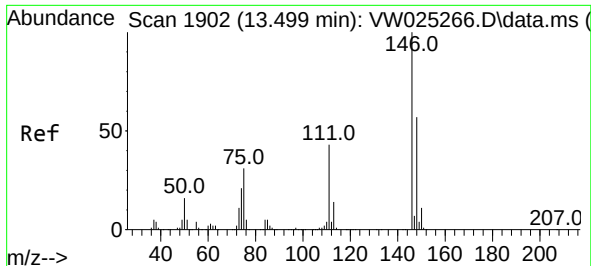
Tgt Ion:105 Resp: 563774
Ion Ratio Lower Upper
105 100
120 47.3 37.0 55.4



#63
1,2,4-Trimethylbenzene
Concen: 23.410 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

Tgt Ion:105 Resp: 546479
Ion Ratio Lower Upper
105 100
120 43.9 35.0 52.4

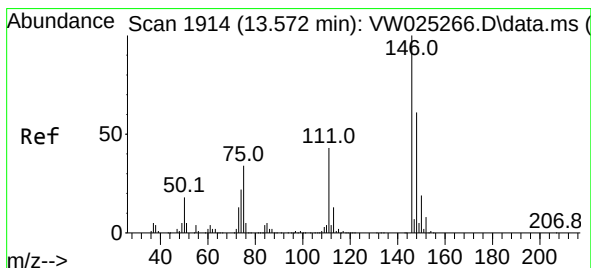
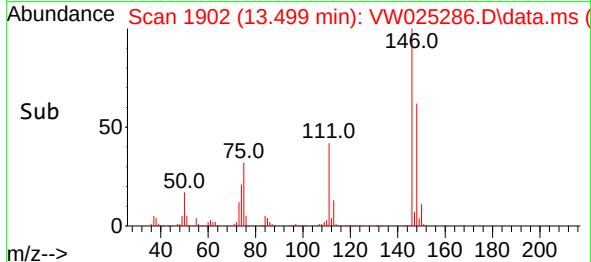
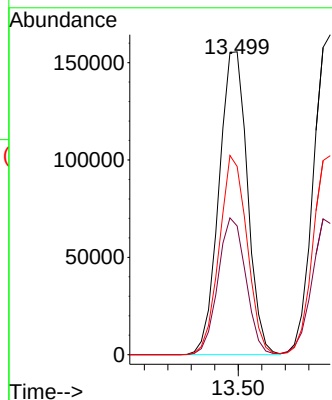
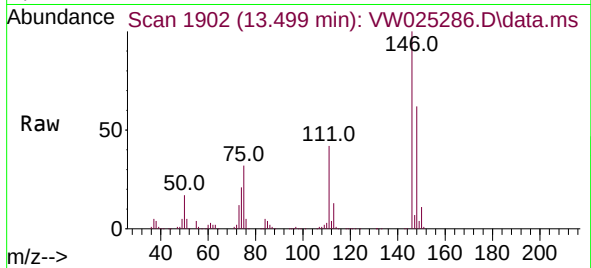




#64
1,3-Dichlorobenzene
Concen: 21.891 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

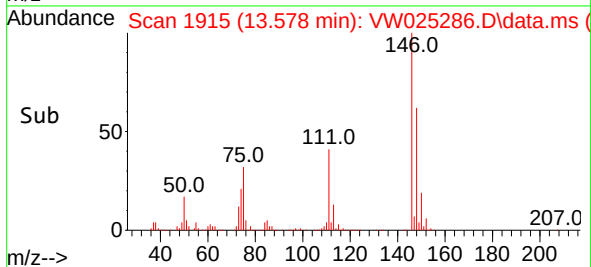
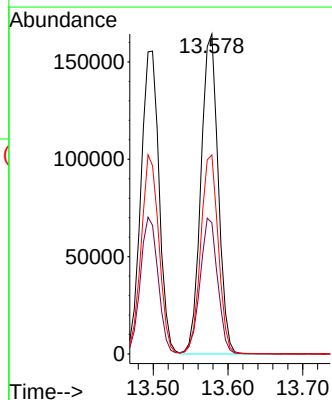
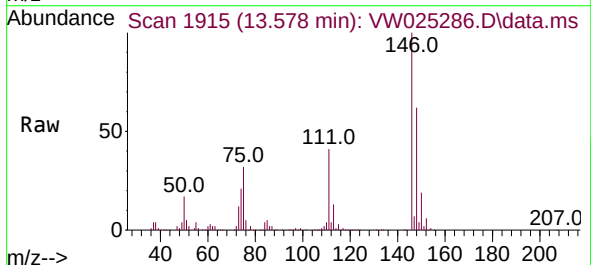
Instrument :
MSVOA_W
ClientSampleId :
VSTD025528

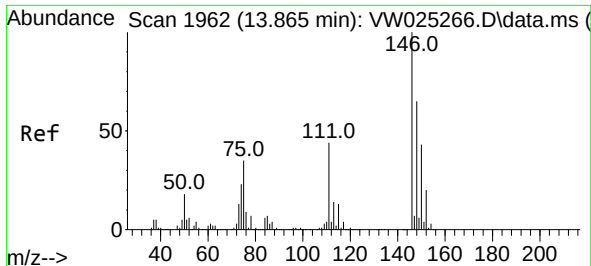
Tgt Ion:146 Resp: 262093
Ion Ratio Lower Upper
146 100
111 42.5 29.0 53.8
148 62.1 41.7 77.5



#65
1,4-Dichlorobenzene
Concen: 22.298 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

Tgt Ion:146 Resp: 263444
Ion Ratio Lower Upper
146 100
111 41.0 29.3 54.3
148 62.2 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 22.366 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW025286.D

Acq: 06 Feb 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025528

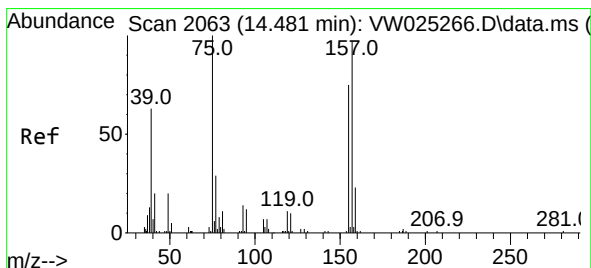
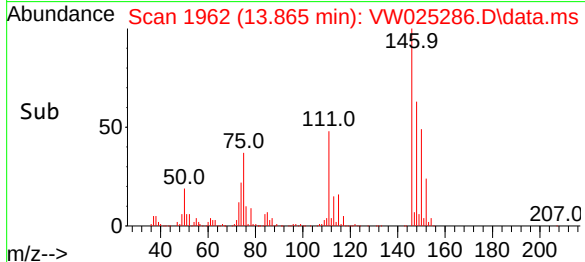
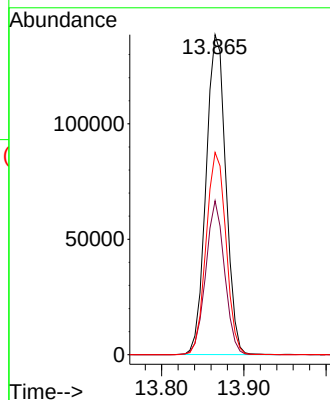
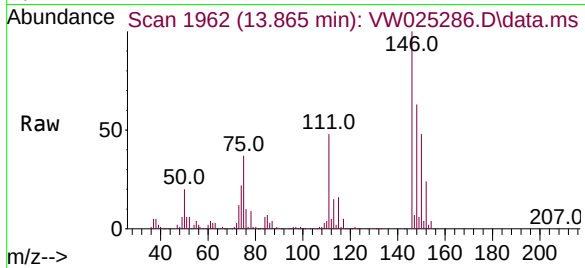
Tgt Ion:146 Resp: 230763

Ion Ratio Lower Upper

146 100

111 48.1 36.2 54.2

148 63.2 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 20.860 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025286.D

Acq: 06 Feb 2023 08:44

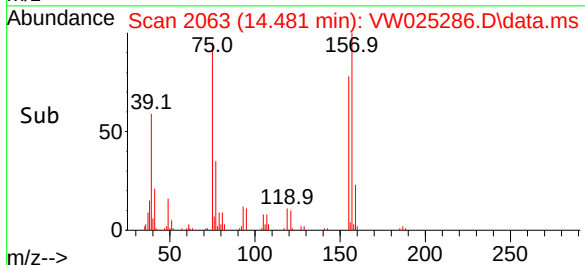
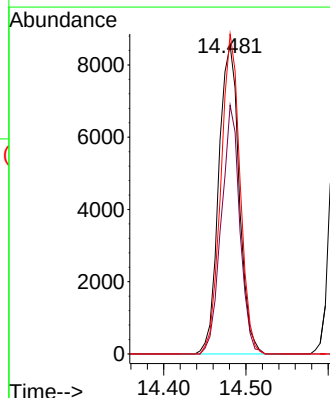
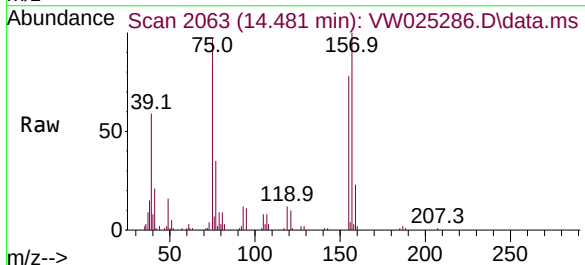
Tgt Ion: 75 Resp: 14781

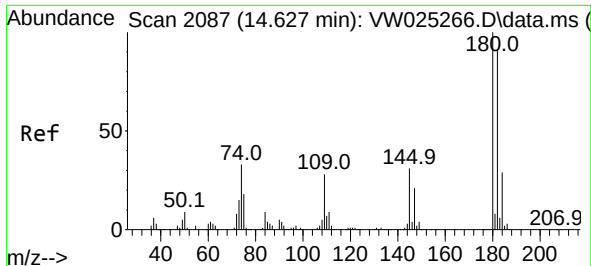
Ion Ratio Lower Upper

75 100

155 80.6 63.4 95.2

157 103.6 82.5 123.7

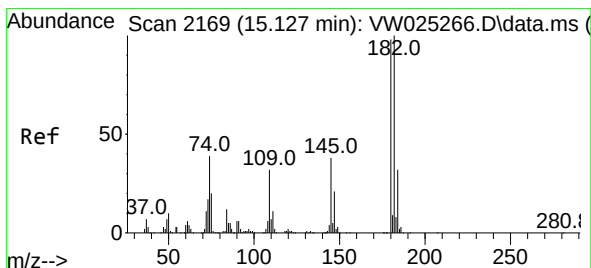
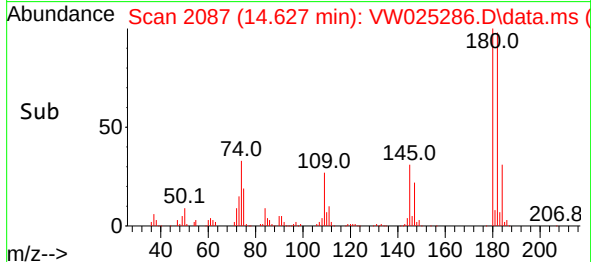
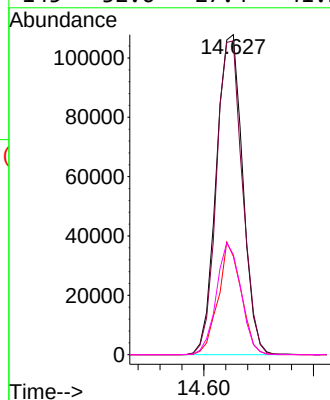
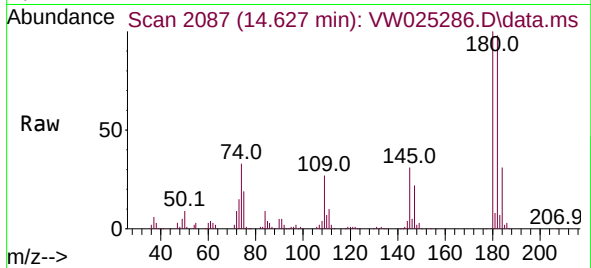




#69
1,3,5-Trichlorobenzene
Concen: 23.106 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

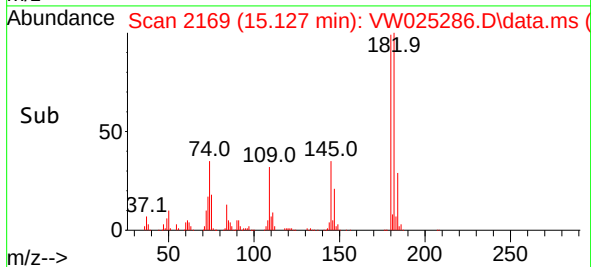
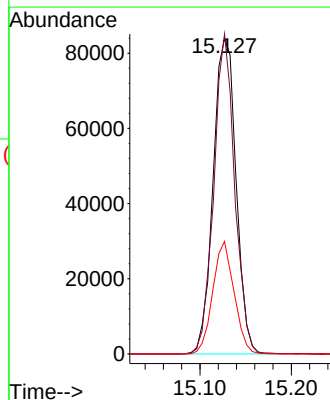
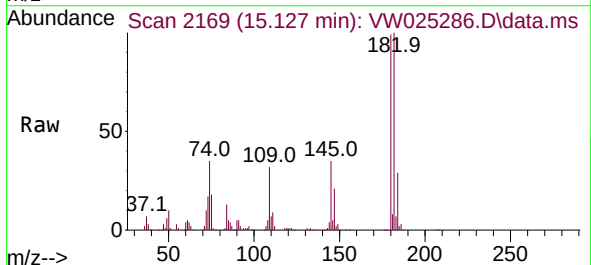
Instrument :
MSVOA_W
ClientSampleId :
VSTD025528

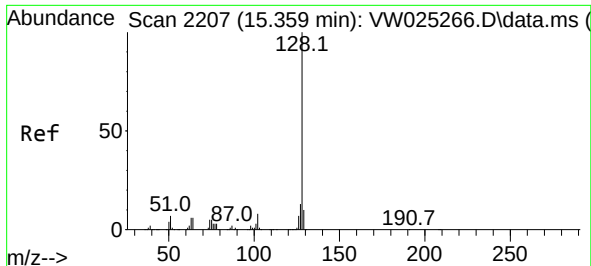
Tgt Ion:	180	Resp:	179902
Ion Ratio	Lower	Upper	
180	100		
182	96.5	77.7	116.5
184	30.5	24.4	36.6
145	32.6	27.4	41.2



#70
1,2,4-trichlorobenzene
Concen: 23.017 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

Tgt Ion:	180	Resp:	145924
Ion Ratio	Lower	Upper	
180	100		
182	92.5	76.4	114.6
145	33.3	27.4	41.2

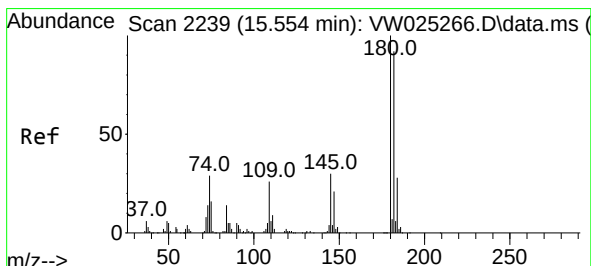
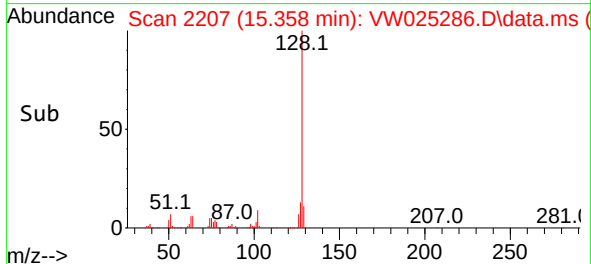
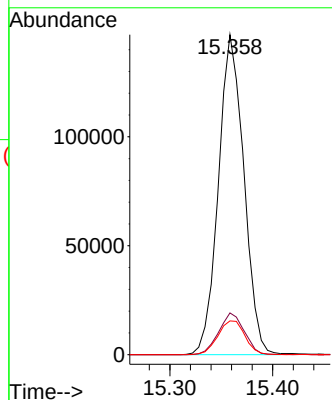
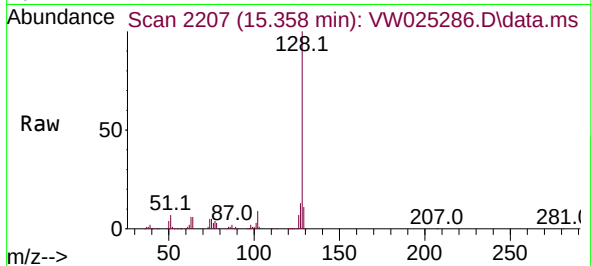




#71
Naphthalene
Concen: 21.799 ug/L
RT: 15.358 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD025528

Tgt Ion:128 Resp: 252637
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.3 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 22.486 ug/L
RT: 15.547 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW025286.D
Acq: 06 Feb 2023 08:44

Tgt Ion:180 Resp: 122402
Ion Ratio Lower Upper
180 100
182 94.3 75.1 112.7
145 35.1 28.8 43.2

