

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110322\
 Data File : VW025018.D
 Acq On : 03 Nov 2022 17:09
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025486

Quant Time: Nov 04 04:16:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 04 04:15:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	296860	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	269741	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	142324	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	63721	19.124	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.480%
7) Chloroethane-d5	2.891	69	39506	20.240	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.960%
11) 1,1-Dichloroethene-d2	4.031	63	175566	21.152	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.600%
21) 2-Butanone-d5	7.080	46	44831	39.865	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.740%
24) Chloroform-d	7.653	84	210044	23.314	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.240%
26) 1,2-Dichloroethane-d4	8.305	65	113571	22.520	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.080%
32) Benzene-d6	8.275	84	386197	22.337	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.360%
36) 1,2-Dichloropropane-d6	9.274	67	110129	21.739	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.960%
41) Toluene-d8	10.323	98	358310	22.260	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.040%
43) trans-1,3-Dichloroprop...	10.579	79	48758	21.706	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.840%
47) 2-Hexanone-d5	10.926	63	38561	44.065	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.140%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	87115	21.537	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	121486	22.212	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	23379	23.612	ug/L	89
3) Chloromethane	2.221	50	44414	18.649	ug/L	95
5) Vinyl chloride	2.367	62	68060	20.683	ug/L	95
6) Bromomethane	2.788	94	33748	20.551	ug/L	97
8) Chloroethane	2.928	64	28313	20.627	ug/L	94
9) Trichlorofluoromethane	3.263	101	62272	22.559	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	88209	22.566	ug/L #	77
12) 1,1-Dichloroethene	4.044	96	81388	22.102	ug/L	97
13) Acetone	4.123	43	30165	37.758	ug/L	98
14) Carbon disulfide	4.391	76	229435	21.329	ug/L	99
15) Methyl Acetate	4.672	43	31329	19.697	ug/L	97
16) Methylene chloride	4.928	84	102267	19.402	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	89057	22.585	ug/L	92
18) Methyl tert-butyl Ether	5.434	73	146121	22.091	ug/L	99
19) 1,1-Dichloroethane	6.220	63	163271	22.365	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	98297	22.872	ug/L	96
22) 2-Butanone	7.171	43	43056	35.972	ug/L	97
23) Bromochloromethane	7.519	128	41628	22.343	ug/L	91
25) Chloroform	7.677	83	182249	23.654	ug/L	95

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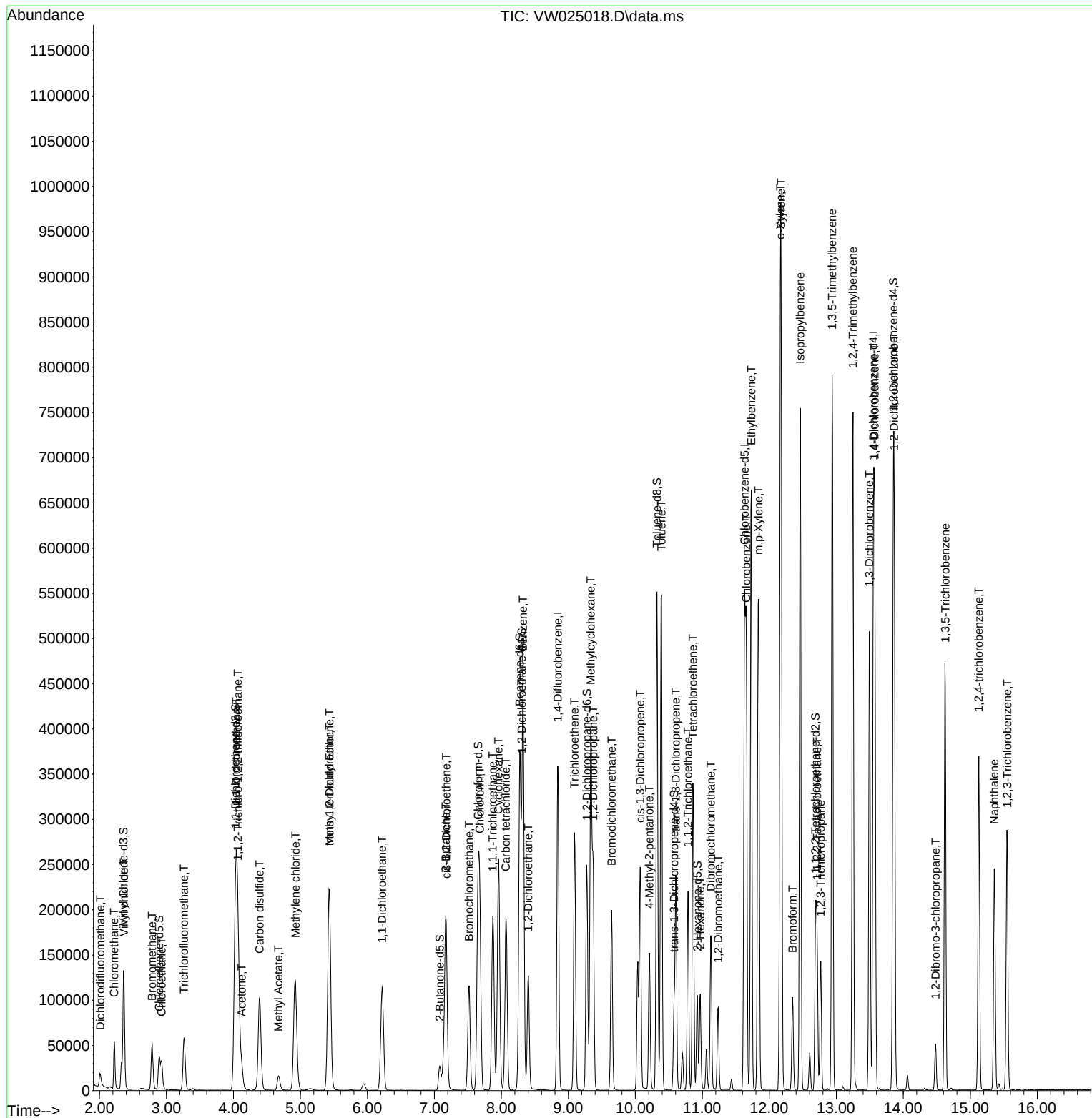
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 04 04:15:36 2022
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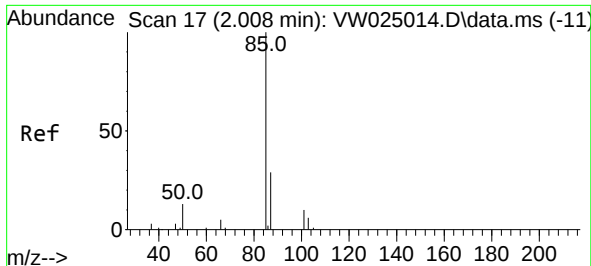
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	117602	22.503	ug/L	100
29) Cyclohexane	7.957	56	138274	21.710	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	159978	24.235	ug/L	98
31) Carbon tetrachloride	8.067	117	145764	24.712	ug/L	99
33) Benzene	8.323	78	367599	22.630	ug/L	100
34) Trichloroethene	9.091	95	99938	23.241	ug/L	99
35) Methylcyclohexane	9.335	83	162360	22.221	ug/L	99
37) 1,2-Dichloropropane	9.372	63	88399	22.422	ug/L	99
38) Bromodichloromethane	9.646	83	130285	23.678	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	146075	23.437	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	94249	40.738	ug/L	99
42) Toluene	10.390	91	401962	23.309	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	127377	22.988	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	65933	22.149	ug/L	99
46) Tetrachloroethene	10.859	164	71721	23.322	ug/L	96
48) 2-Hexanone	10.969	43	62899	39.311	ug/L	97
49) Dibromochloromethane	11.128	129	85678	23.612	ug/L	98
50) 1,2-Dibromoethane	11.237	107	60611	21.529	ug/L	93
51) Chlorobenzene	11.658	112	259176	23.186	ug/L	97
52) Ethylbenzene	11.731	91	461519	23.185	ug/L	97
53) m,p-Xylene	11.841	106	177123	22.987	ug/L	93
54) o-Xylene	12.164	106	168840	23.226	ug/L	98
55) Styrene	12.176	104	297124	23.533	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	77824	21.793	ug/L	92
59) Bromoform	12.347	173	45034	22.371	ug/L	97
60) Isopropylbenzene	12.463	105	480368	22.449	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	59383	20.768	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	417539	22.479	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	415870	22.832	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	198305	22.221	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	198616	22.304	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	176317	21.973	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	13849	20.959	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	132238	22.371	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	109738	23.886	ug/L	99
71) Naphthalene	15.359	128	205220	21.175	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	87540	21.868	ug/L	95

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

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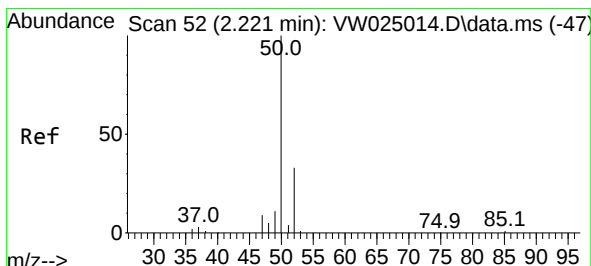
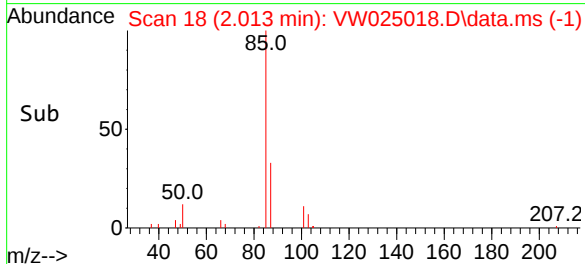
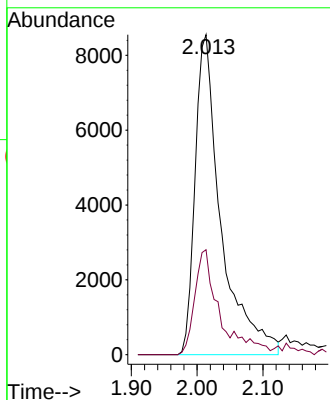
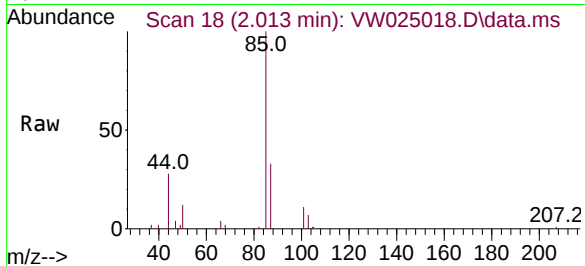




#2
 Dichlorodifluoromethane
 Concen: 23.612 ug/L
 RT: 2.013 min Scan# 17
 Delta R.T. 0.006 min
 Lab File: VW025018.D
 Acq: 03 Nov 2022 17:09

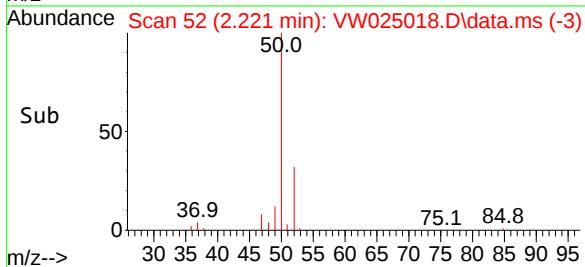
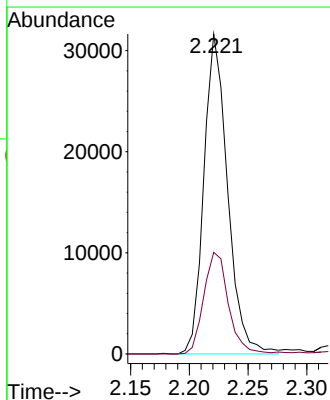
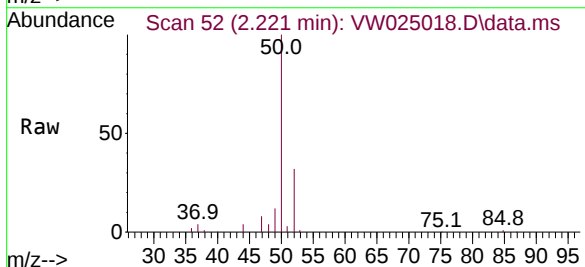
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025486

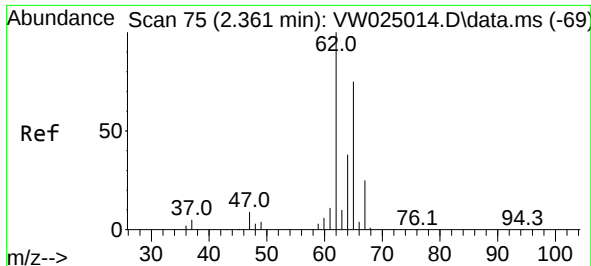
Tgt Ion: 85 Resp: 23379
 Ion Ratio Lower Upper
 85 100
 87 26.1 25.9 38.9



#3
 Chloromethane
 Concen: 18.649 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW025018.D
 Acq: 03 Nov 2022 17:09

Tgt Ion: 50 Resp: 44414
 Ion Ratio Lower Upper
 50 100
 52 31.7 24.1 44.8

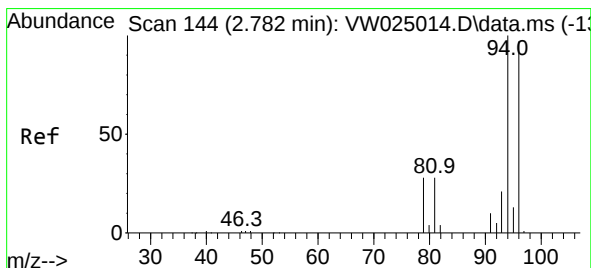
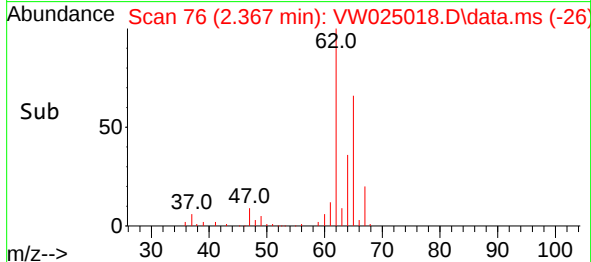
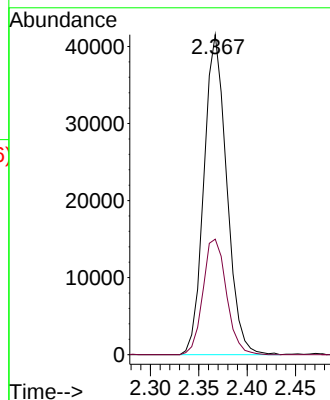
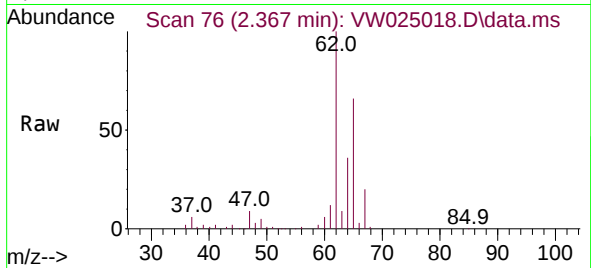




#5
 Vinyl chloride
 Concen: 20.683 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW025018.D
 Acq: 03 Nov 2022 17:09

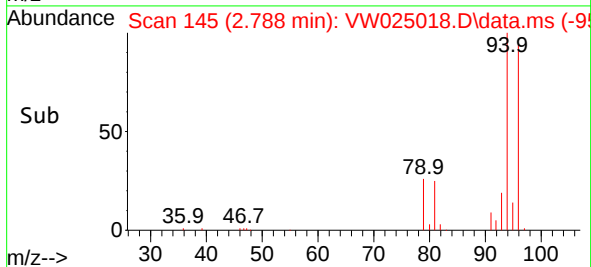
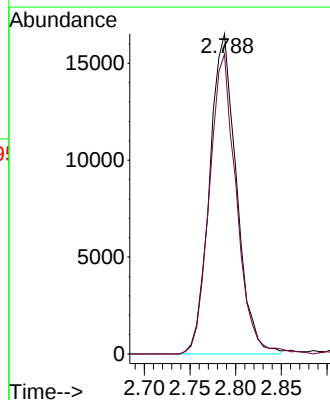
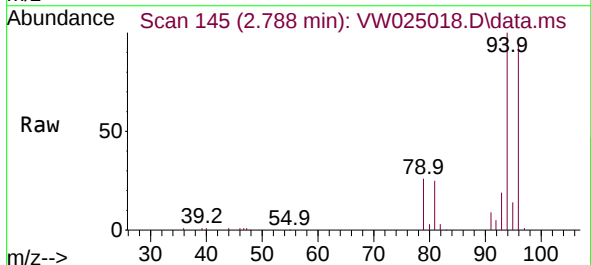
Instrument :
 MSVOA_W
 ClientSampleId :
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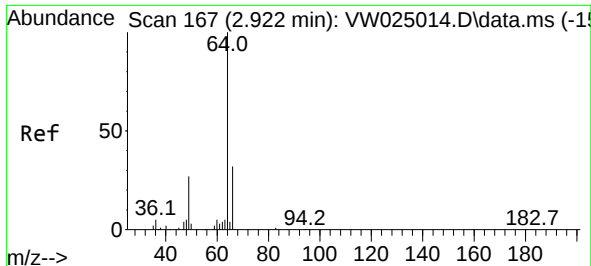
Tgt Ion: 62 Resp: 68060
 Ion Ratio Lower Upper
 62 100
 64 36.1 27.2 50.6



#6
 Bromomethane
 Concen: 20.551 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW025018.D
 Acq: 03 Nov 2022 17:09

Tgt Ion: 94 Resp: 33748
 Ion Ratio Lower Upper
 94 100
 96 93.7 63.8 118.6

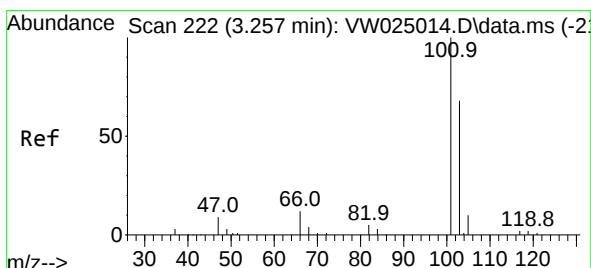
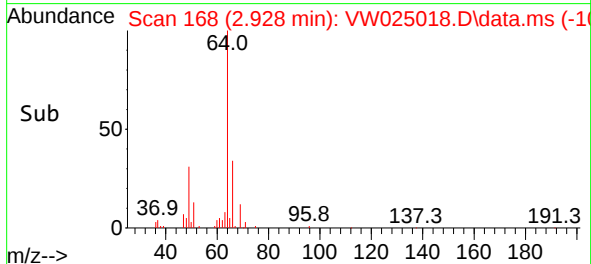
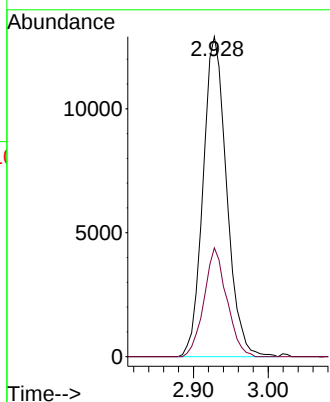
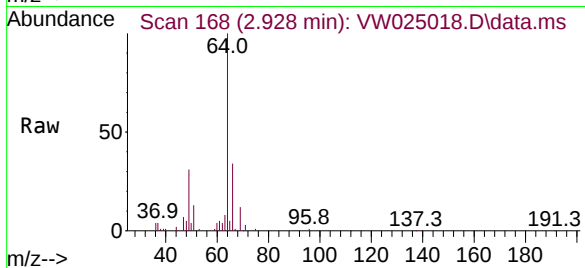




#8
Chloroethane
Concen: 20.627 ug/L
RT: 2.928 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

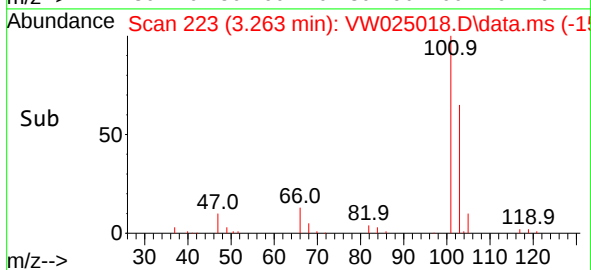
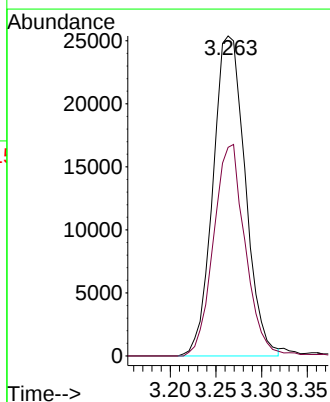
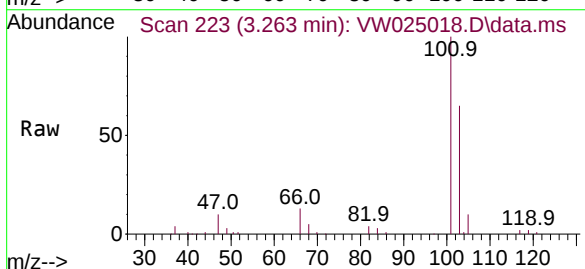
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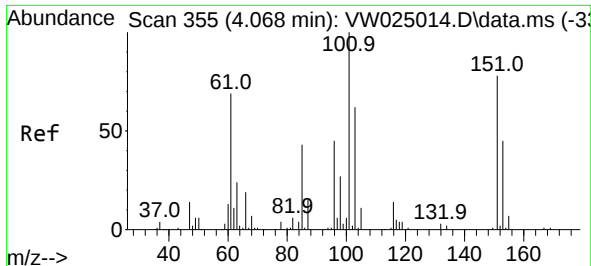
Tgt Ion: 64 Resp: 28313
Ion Ratio Lower Upper
64 100
66 34.0 21.6 40.2



#9
Trichlorofluoromethane
Concen: 22.559 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

Tgt Ion: 101 Resp: 62272
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0

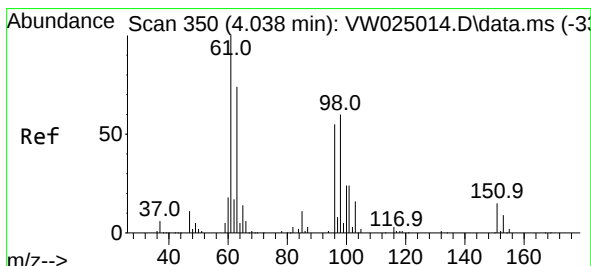
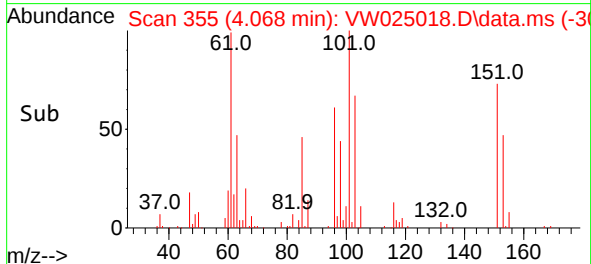
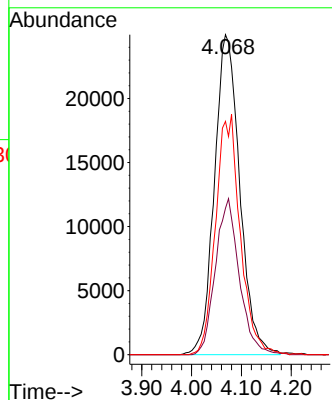
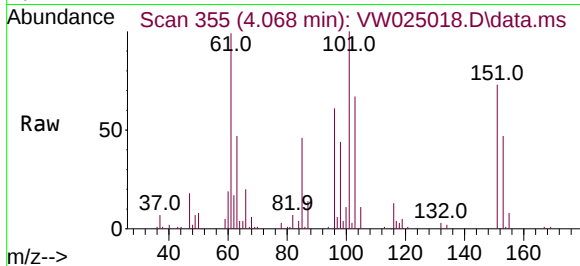




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.566 ug/L
 RT: 4.068 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VW025018.D
 Acq: 03 Nov 2022 17:09

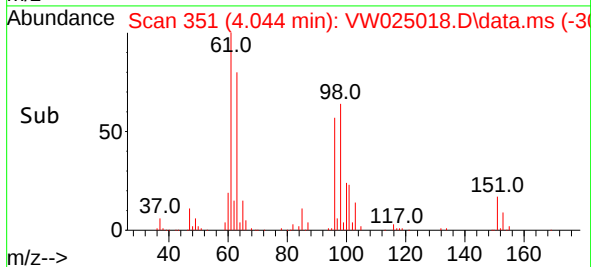
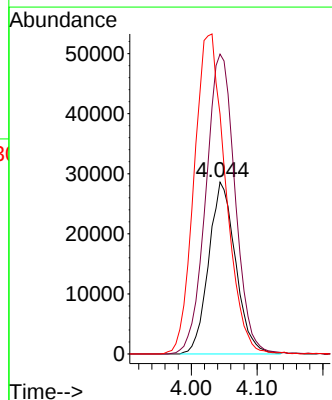
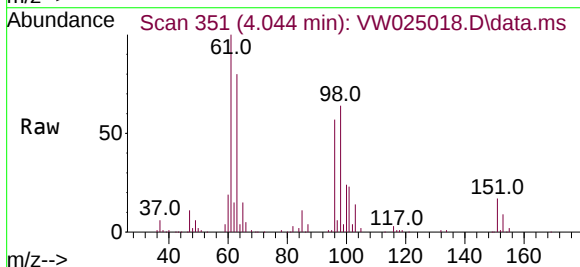
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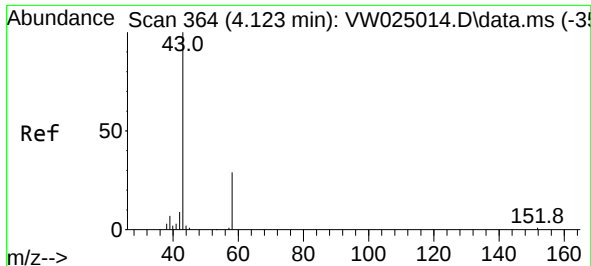
Tgt Ion:101 Resp: 88209
 Ion Ratio Lower Upper
 101 100
 85 45.9 36.5 54.7
 151 40.7 57.3 85.9#



#12
 1,1-Dichloroethene
 Concen: 22.102 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW025018.D
 Acq: 03 Nov 2022 17:09

Tgt Ion: 96 Resp: 81388
 Ion Ratio Lower Upper
 96 100
 61 174.5 126.2 234.4
 63 139.6 98.3 182.7





#13

Acetone

Concen: 37.758 ug/L

RT: 4.123 min Scan# 301

Delta R.T. -0.000 min

Lab File: VW025018.D

Acq: 03 Nov 2022 17:09

Instrument :

MSVOA_W

ClientSampleId :

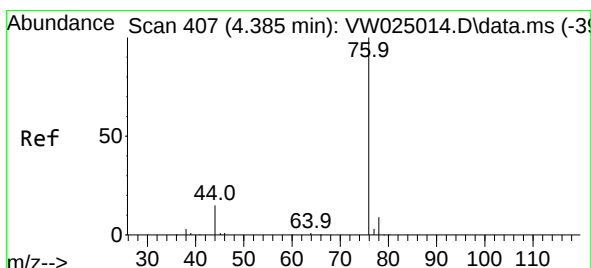
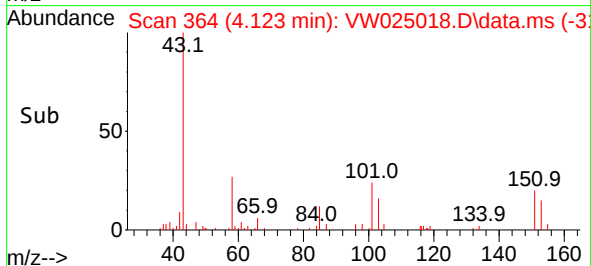
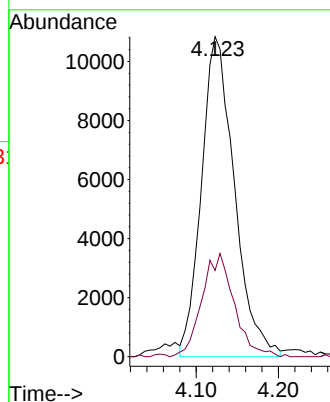
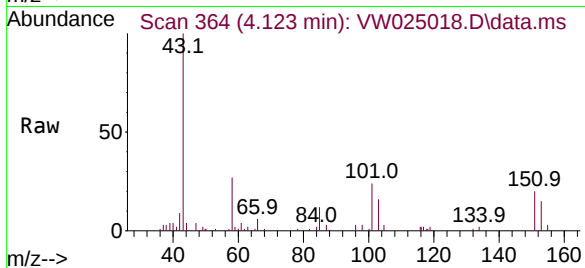
VSTD025486

Tgt Ion: 43 Resp: 30165

Ion Ratio Lower Upper

43 100

58 31.5 0.0 65.4



#14

Carbon disulfide

Concen: 21.329 ug/L

RT: 4.391 min Scan# 408

Delta R.T. 0.006 min

Lab File: VW025018.D

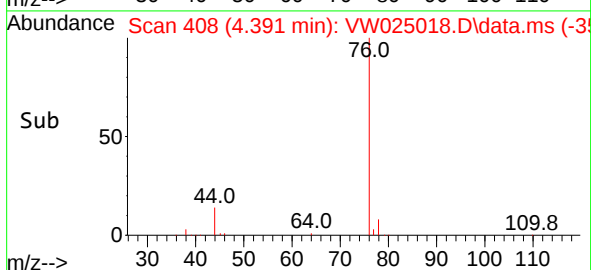
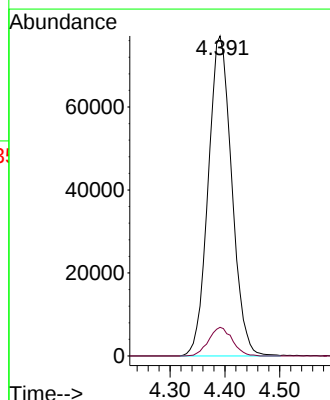
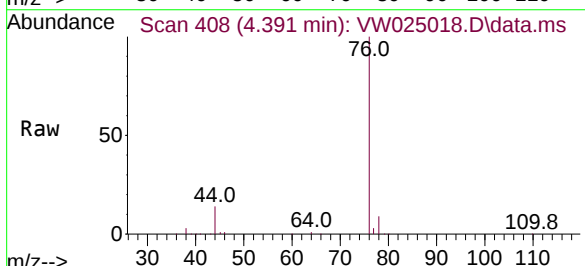
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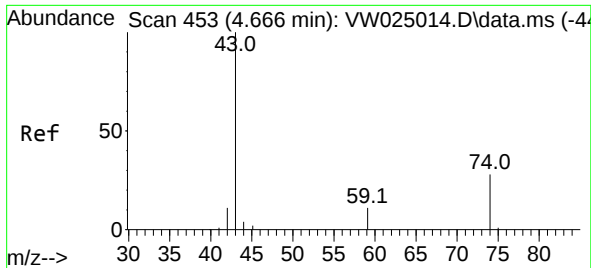
Tgt Ion: 76 Resp: 229435

Ion Ratio Lower Upper

76 100

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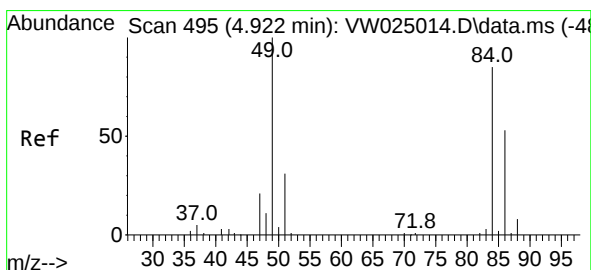
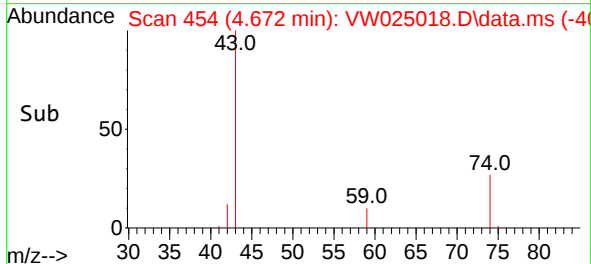
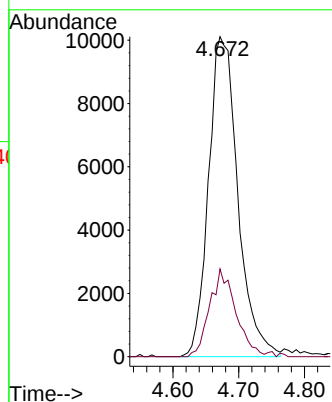
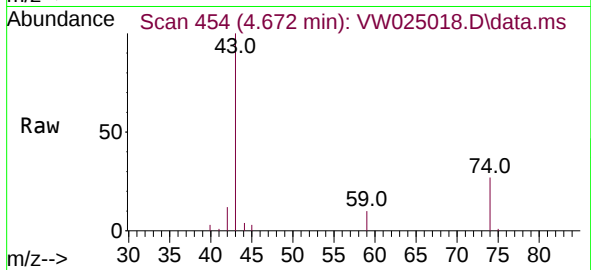




#15
Methyl Acetate
Concen: 19.697 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

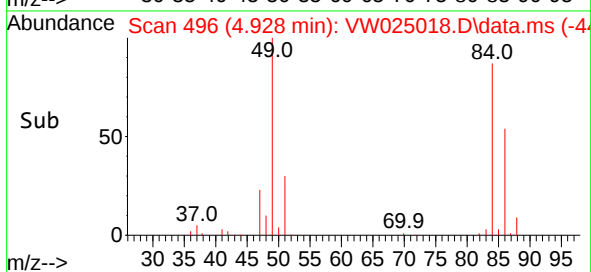
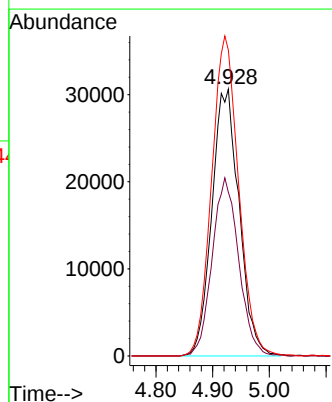
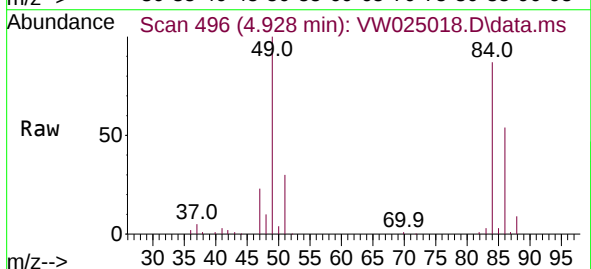
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

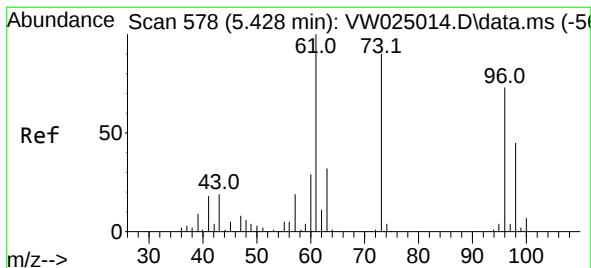
Tgt Ion: 43 Resp: 31329
Ion Ratio Lower Upper
43 100
74 24.4 20.6 30.8



#16
Methylene chloride
Concen: 19.402 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

Tgt Ion: 84 Resp: 102267
Ion Ratio Lower Upper
84 100
86 61.4 42.6 79.0
49 114.6 81.9 152.1





#17

trans-1,2-Dichloroethene

Concen: 22.585 ug/L

RT: 5.434 min Scan# 579

Delta R.T. 0.006 min

Lab File: VW025018.D

Acq: 03 Nov 2022 17:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025486

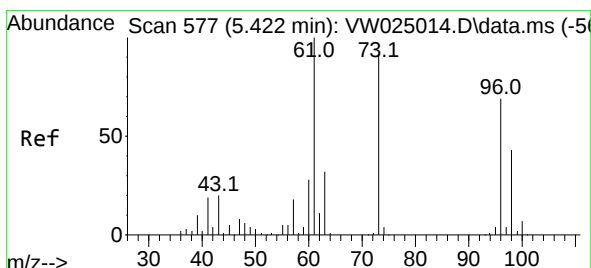
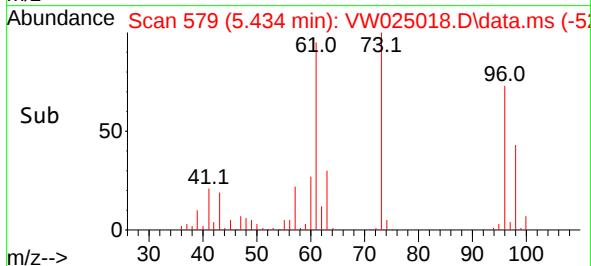
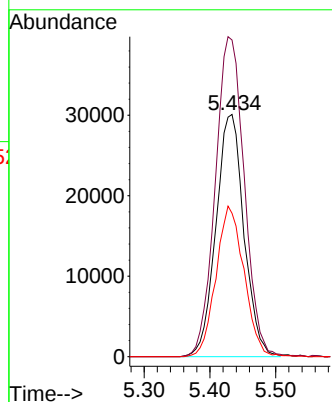
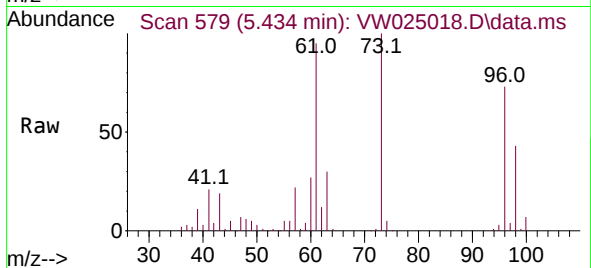
Tgt Ion: 96 Resp: 89057

Ion Ratio Lower Upper

96 100

61 130.7 97.6 181.2

98 59.2 46.8 86.8



#18

Methyl tert-butyl Ether

Concen: 22.091 ug/L

RT: 5.434 min Scan# 579

Delta R.T. 0.012 min

Lab File: VW025018.D

Acq: 03 Nov 2022 17:09

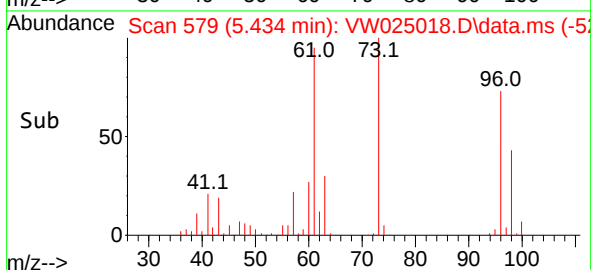
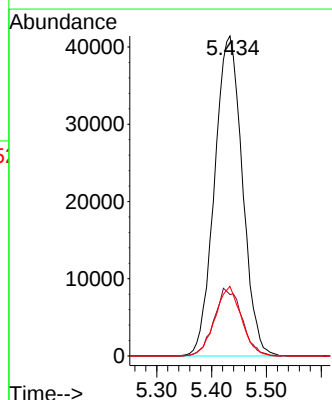
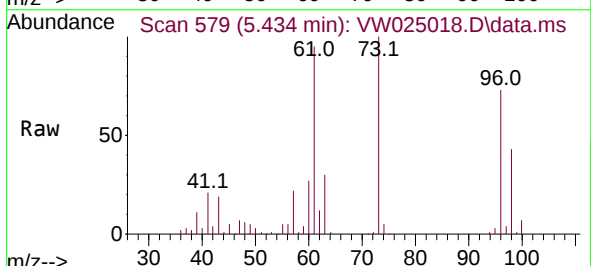
Tgt Ion: 73 Resp: 146121

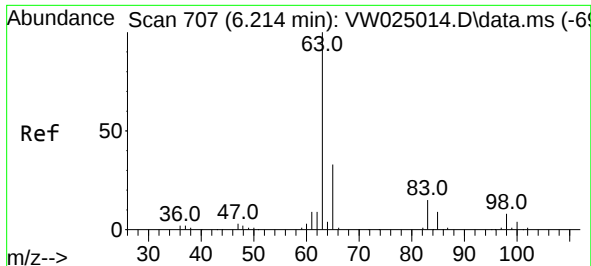
Ion Ratio Lower Upper

73 100

43 21.1 16.6 24.8

57 20.6 17.1 25.7

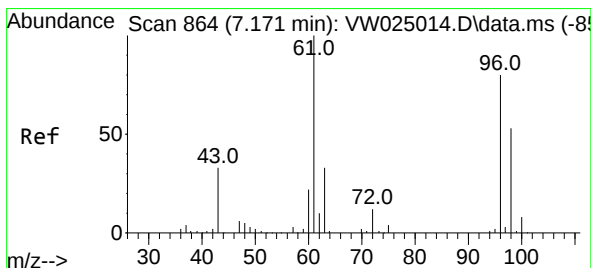
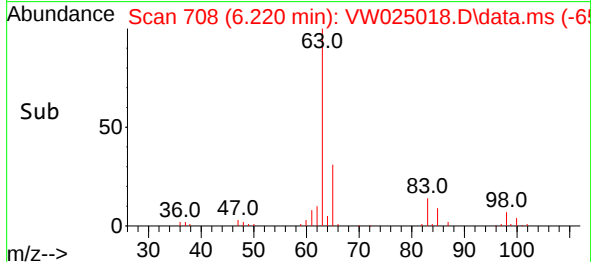
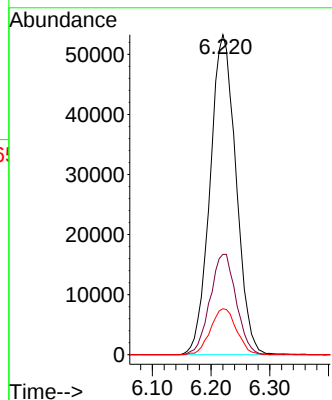
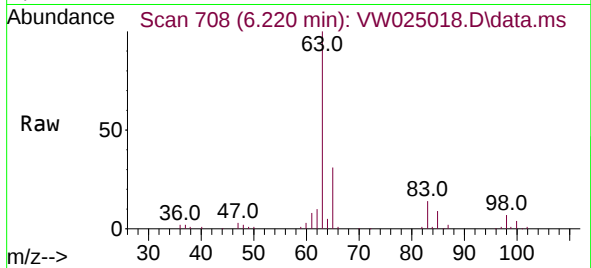




#19
1,1-Dichloroethane
Concen: 22.365 ug/L
RT: 6.220 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

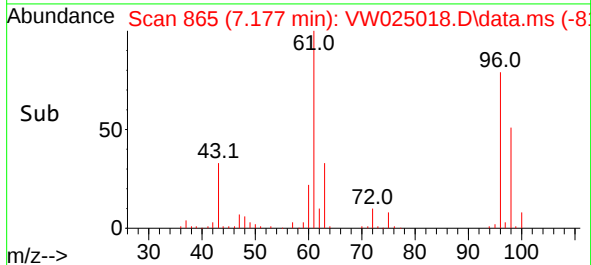
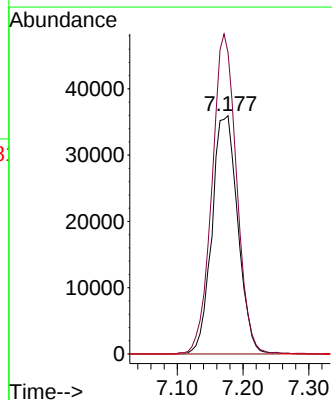
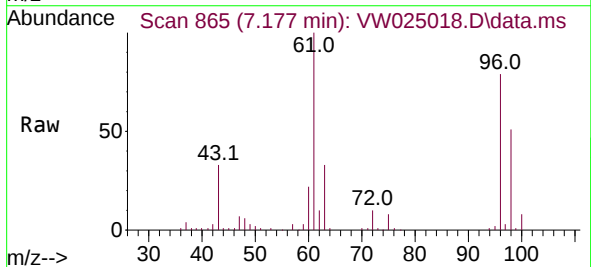
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

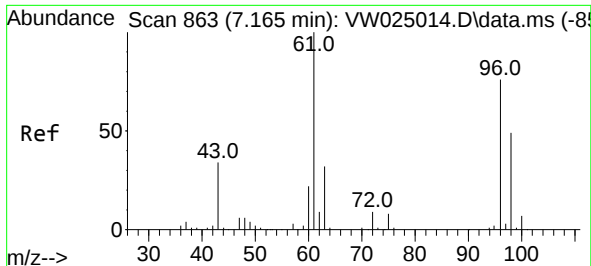
Tgt Ion: 63 Resp: 163271
Ion Ratio Lower Upper
63 100
65 31.3 22.2 41.2
83 14.4 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 22.872 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

Tgt Ion: 96 Resp: 98297
Ion Ratio Lower Upper
96 100
61 126.5 91.8 170.6
68 0.0 0.0 0.0

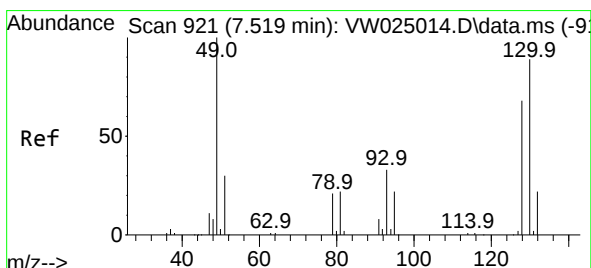
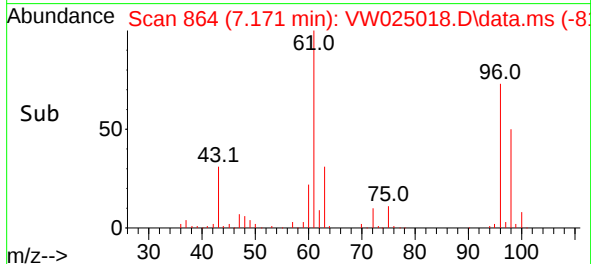
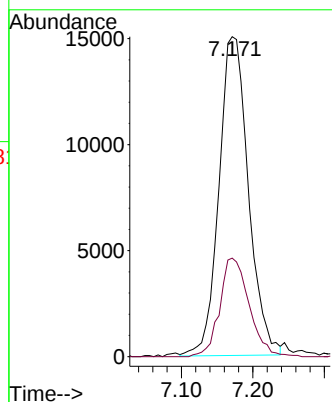
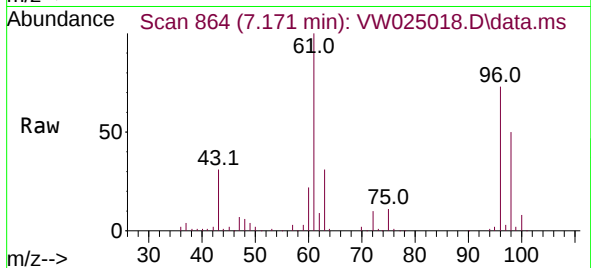




#22
2-Butanone
Concen: 35.972 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

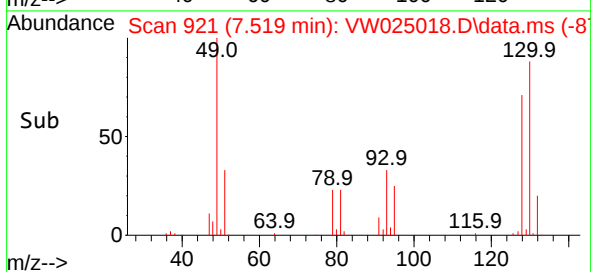
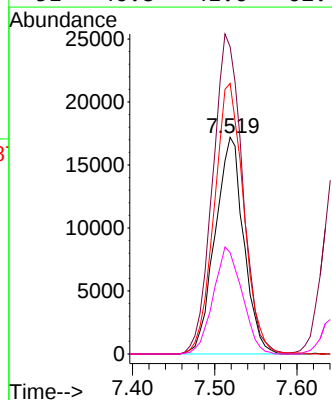
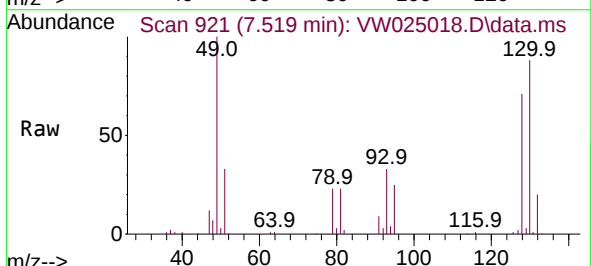
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

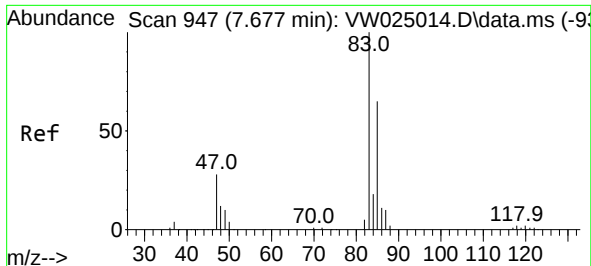
Tgt Ion: 43 Resp: 43056
Ion Ratio Lower Upper
43 100
72 30.9 14.6 44.0



#23
Bromochloromethane
Concen: 22.343 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

Tgt Ion: 128 Resp: 41628
Ion Ratio Lower Upper
128 100
49 141.8 112.8 209.4
130 124.9 86.2 160.2
51 46.8 41.6 62.4





#25

Chloroform

Concen: 23.654 ug/L

RT: 7.677 min Scan# 94

Delta R.T. -0.000 min

Lab File: VW025018.D

Acq: 03 Nov 2022 17:09

Instrument :

MSVOA_W

ClientSampleId :

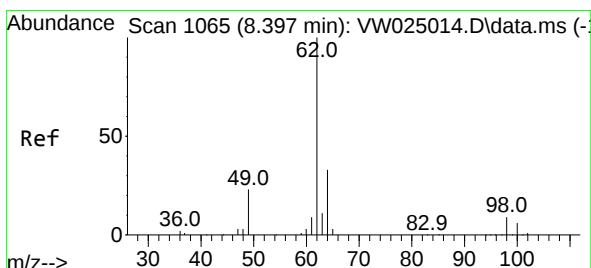
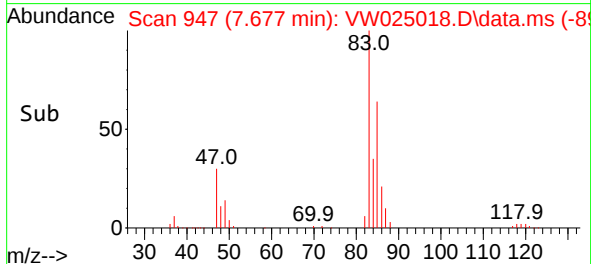
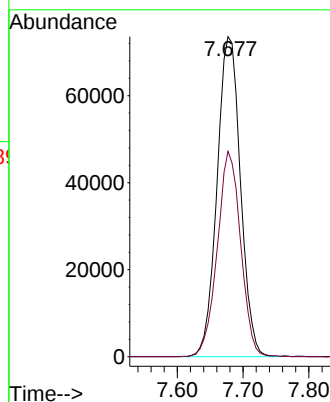
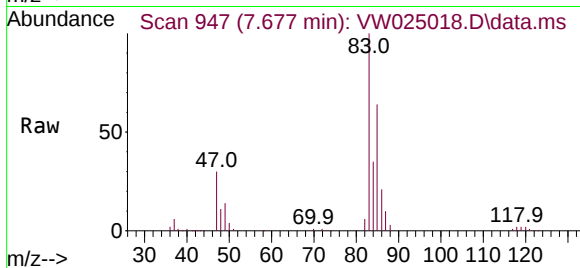
VSTD025486

Tgt Ion: 83 Resp: 182249

Ion Ratio Lower Upper

83 100

85 64.2 47.5 88.3



#27

1,2-Dichloroethane

Concen: 22.503 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW025018.D

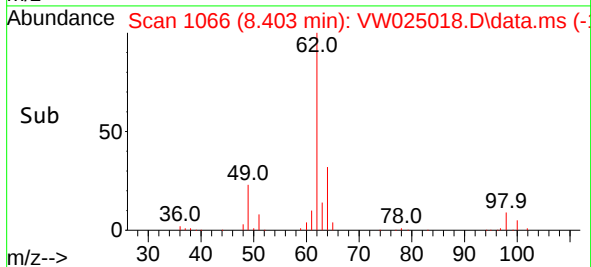
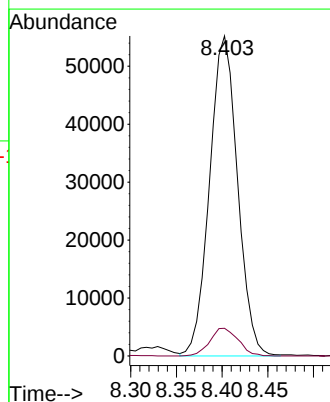
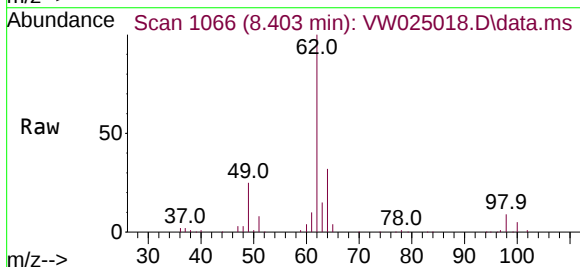
Acq: 03 Nov 2022 17:09

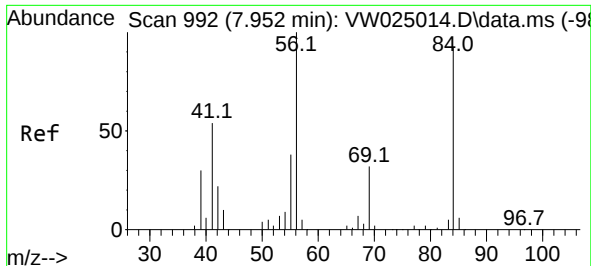
Tgt Ion: 62 Resp: 117602

Ion Ratio Lower Upper

62 100

98 8.6 7.0 10.4

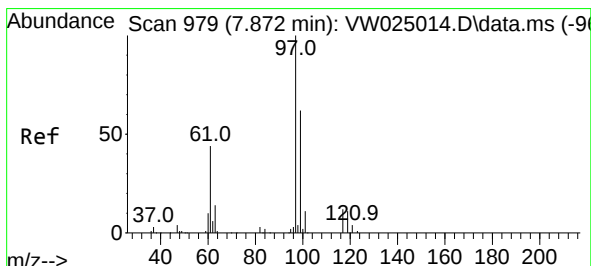
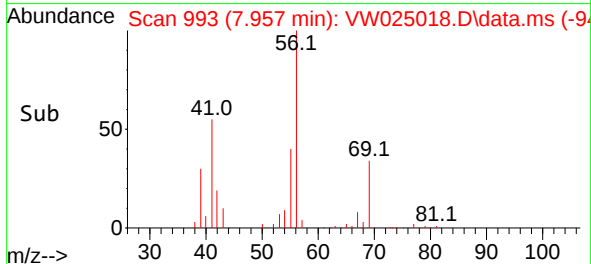
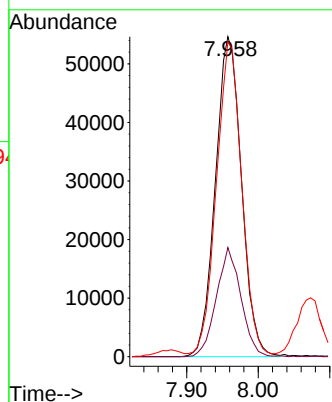
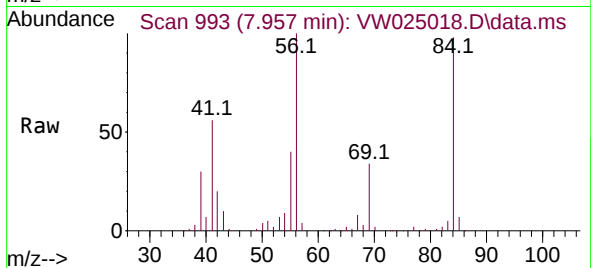




#29
Cyclohexane
Concen: 21.710 ug/L
RT: 7.957 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

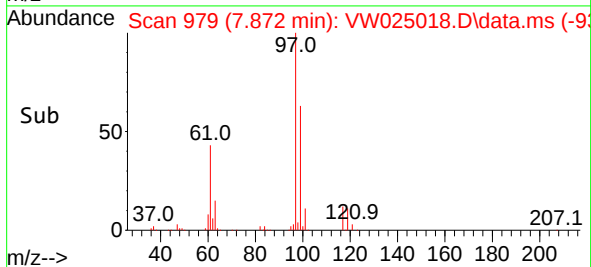
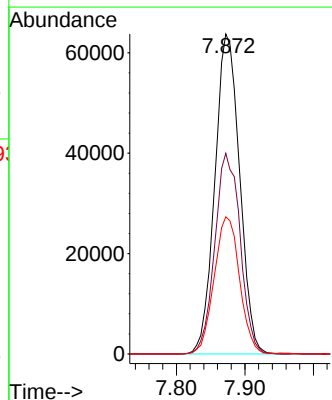
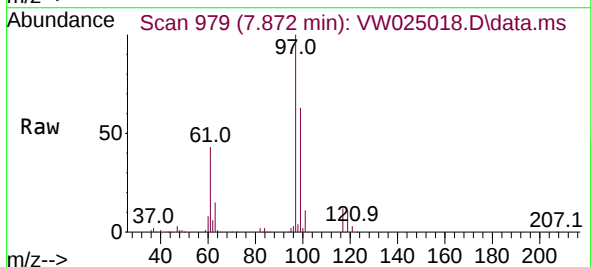
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

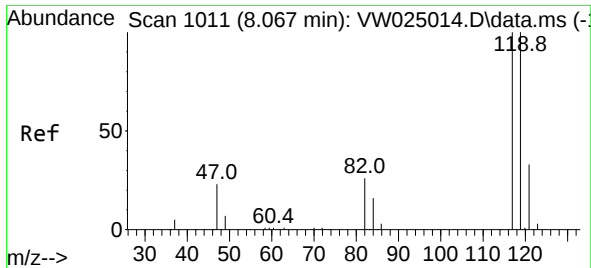
Tgt Ion: 56 Resp: 138274
Ion Ratio Lower Upper
56 100
69 32.1 25.0 37.4
84 96.1 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 24.235 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

Tgt Ion: 97 Resp: 159978
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.8
61 44.0 36.6 54.8

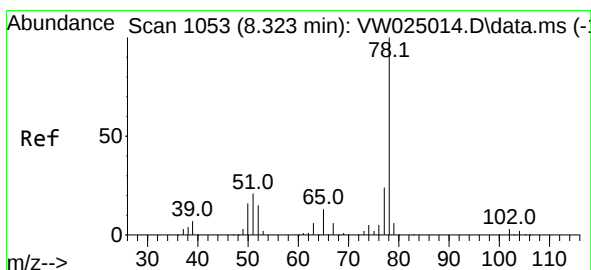
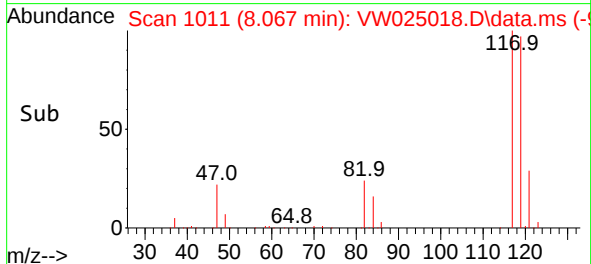
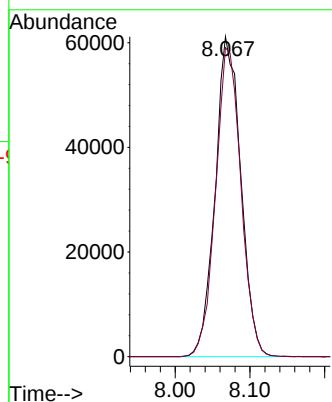
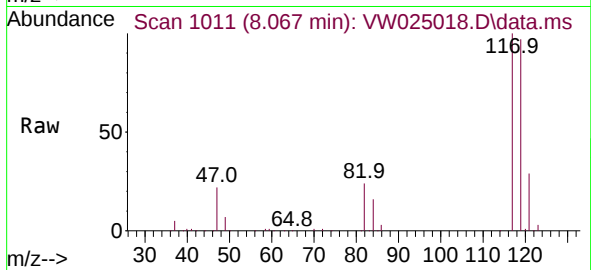




#31
Carbon tetrachloride
Concen: 24.712 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

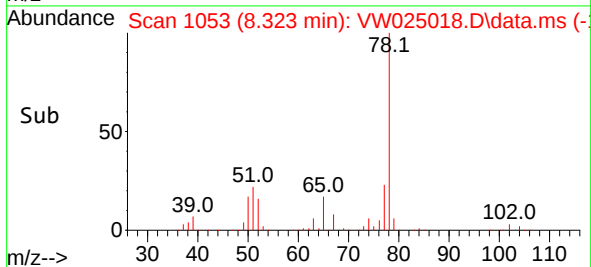
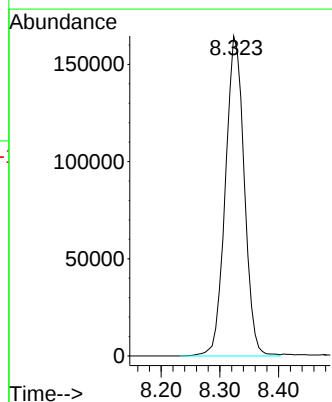
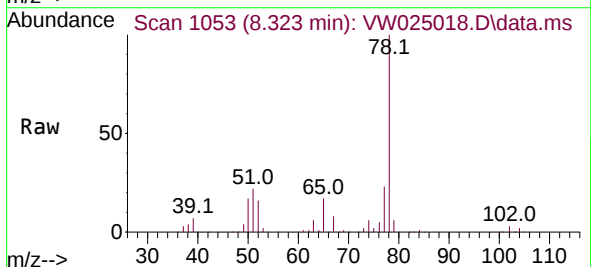
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

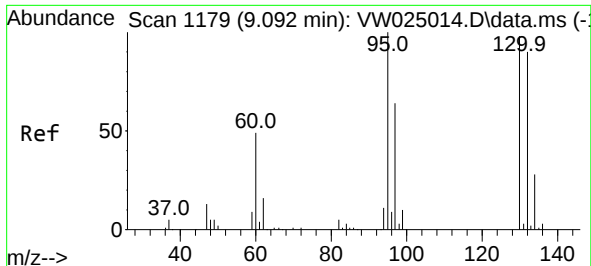
Tgt Ion:117 Resp: 145764
Ion Ratio Lower Upper
117 100
119 95.8 77.7 116.5



#33
Benzene
Concen: 22.630 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

Tgt Ion: 78 Resp: 367599



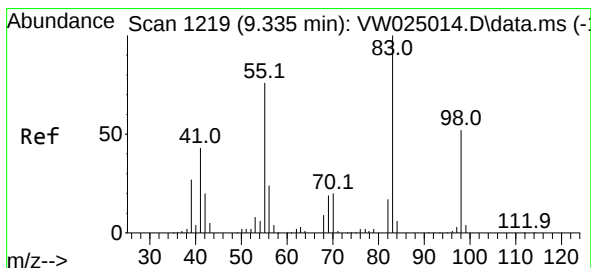
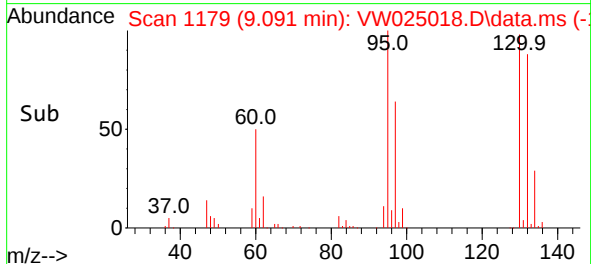
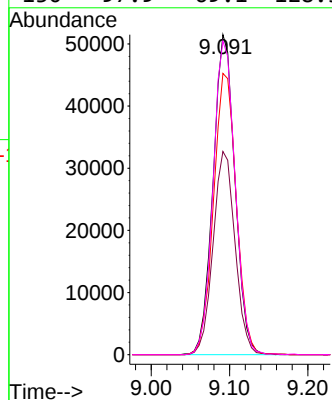
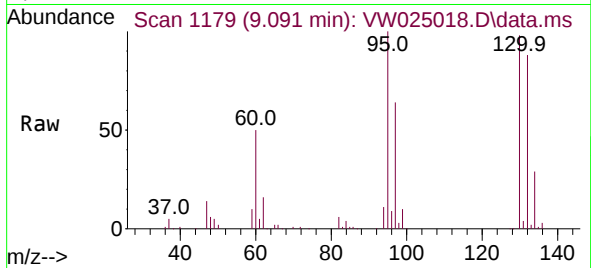


#34
Trichloroethene
Concen: 23.241 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

Tgt Ion: 95 Resp: 99938

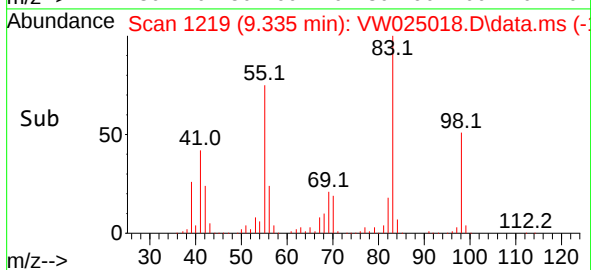
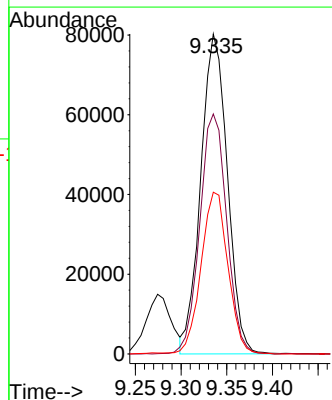
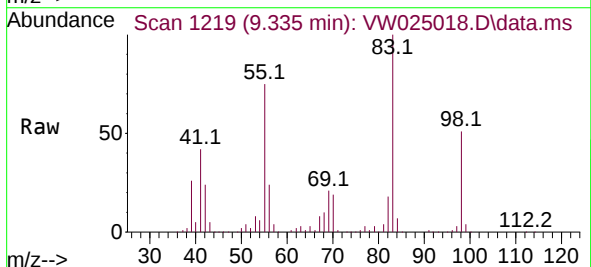
Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.7	83.1
132	87.9	62.6	116.2
130	97.9	69.1	128.3

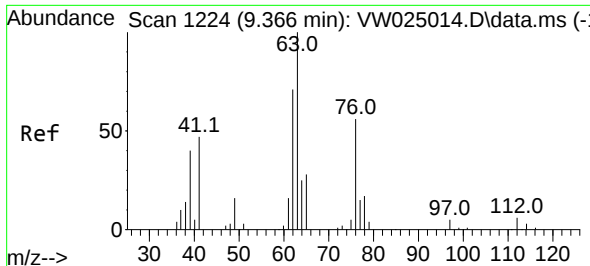


#35
Methylcyclohexane
Concen: 22.221 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

Tgt Ion: 83 Resp: 162360

Ion	Ratio	Lower	Upper
83	100		
55	75.9	60.4	90.6
98	51.1	39.5	59.3





#37

1,2-Dichloropropane

Concen: 22.422 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW025018.D

Acq: 03 Nov 2022 17:09

Instrument :

MSVOA_W

ClientSampleId :

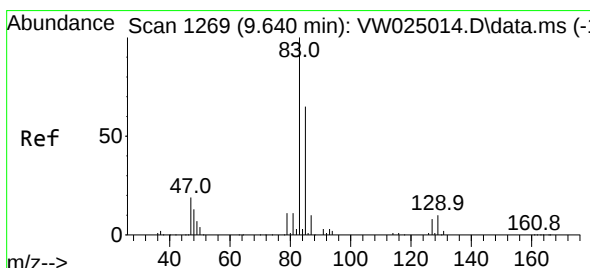
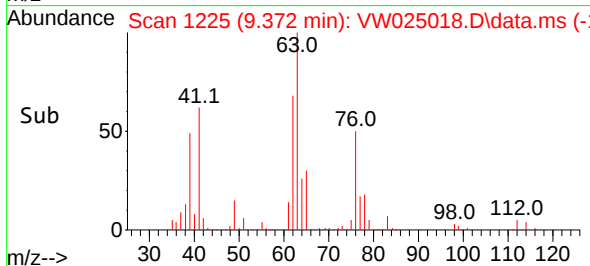
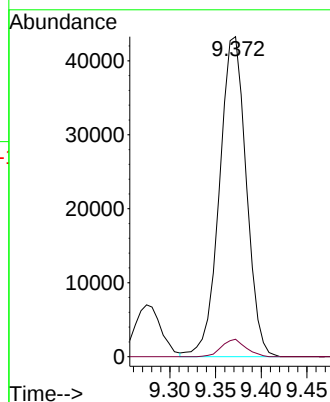
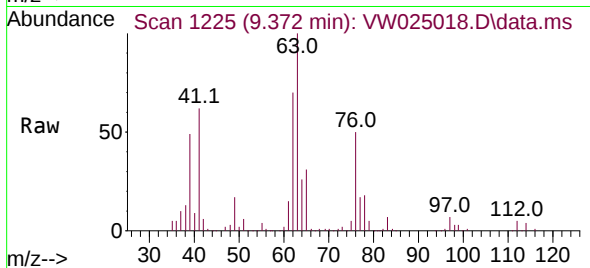
VSTD025486

Tgt Ion: 63 Resp: 88399

Ion Ratio Lower Upper

63 100

112 4.9 3.6 5.4



#38

Bromodichloromethane

Concen: 23.678 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW025018.D

Acq: 03 Nov 2022 17:09

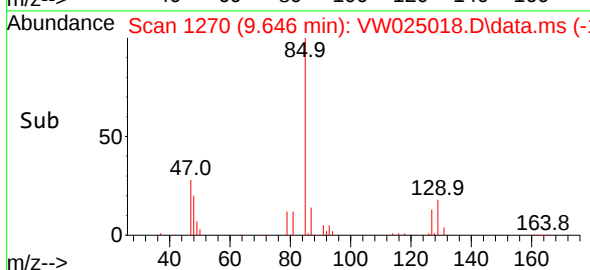
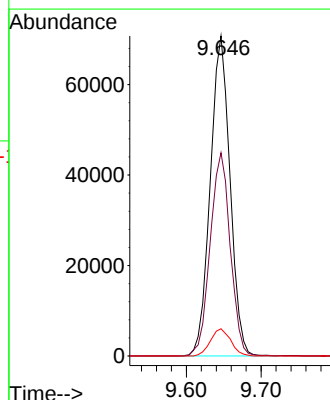
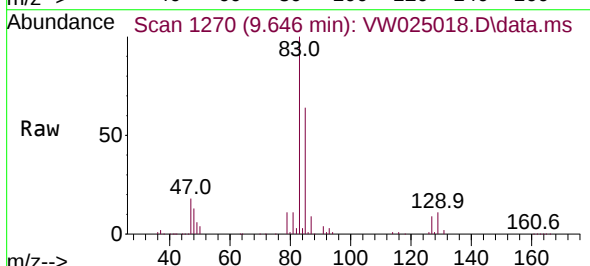
Tgt Ion: 83 Resp: 130285

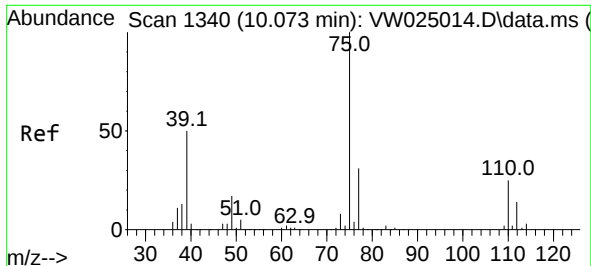
Ion Ratio Lower Upper

83 100

85 63.5 45.8 85.0

127 8.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 23.437 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025018.D

Acq: 03 Nov 2022 17:09

Instrument :

MSVOA_W

ClientSampleId :

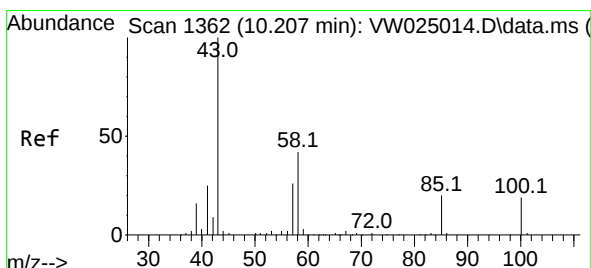
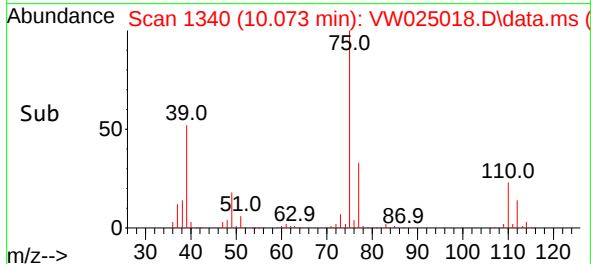
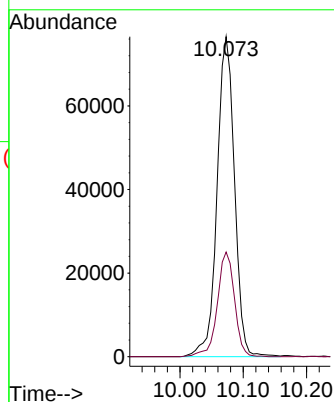
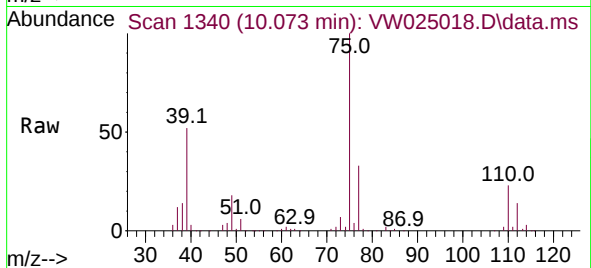
VSTD025486

Tgt Ion: 75 Resp: 146075

Ion Ratio Lower Upper

75 100

77 32.7 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 40.738 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025018.D

Acq: 03 Nov 2022 17:09

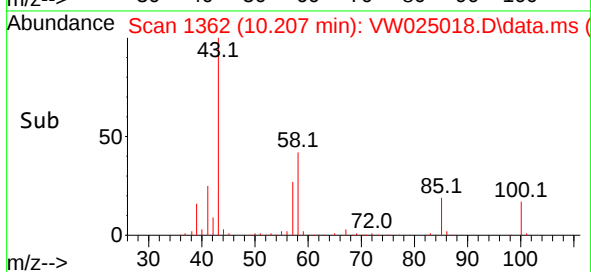
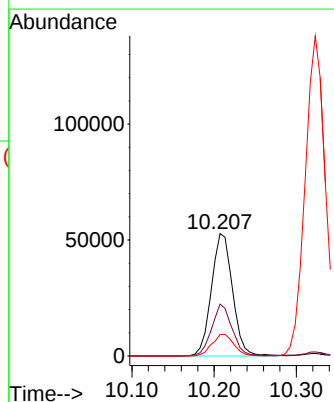
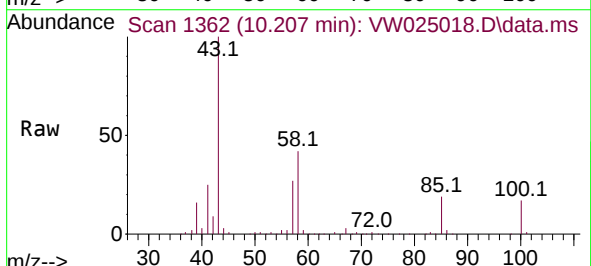
Tgt Ion: 43 Resp: 94249

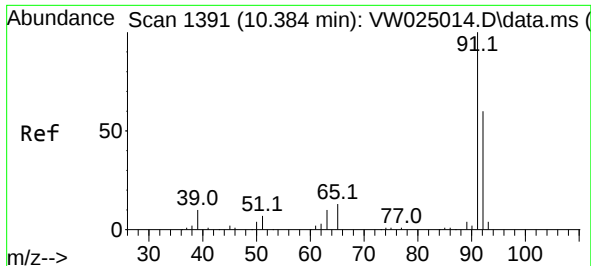
Ion Ratio Lower Upper

43 100

58 40.6 32.6 48.8

100 18.2 14.0 21.0





#42

Toluene

Concen: 23.309 ug/L

RT: 10.390 min Scan# 1391

Delta R.T. 0.006 min

Lab File: VW025018.D

Acq: 03 Nov 2022 17:09

Instrument :

MSVOA_W

ClientSampleId :

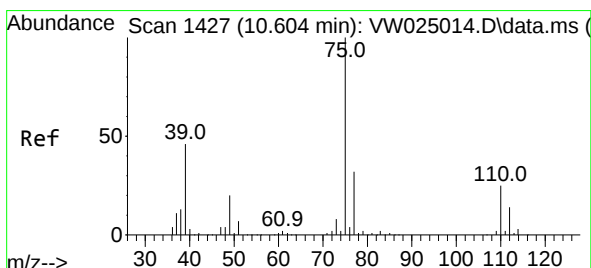
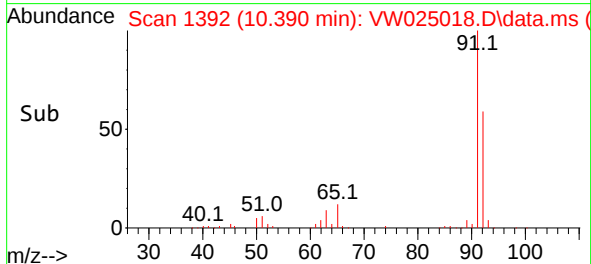
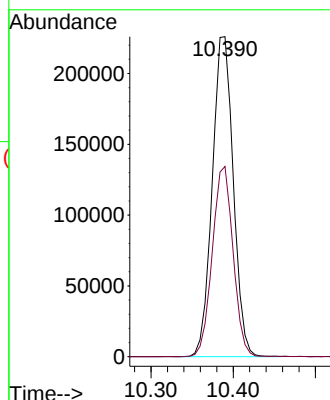
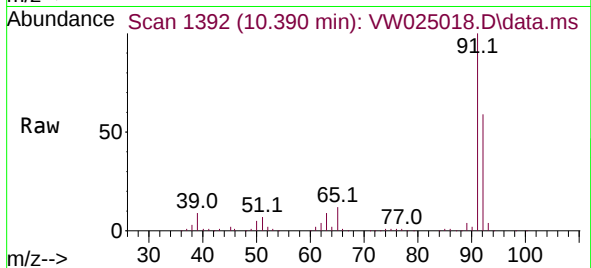
VSTD025486

Tgt Ion: 91 Resp: 401962

Ion Ratio Lower Upper

91 100

92 59.4 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 22.988 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW025018.D

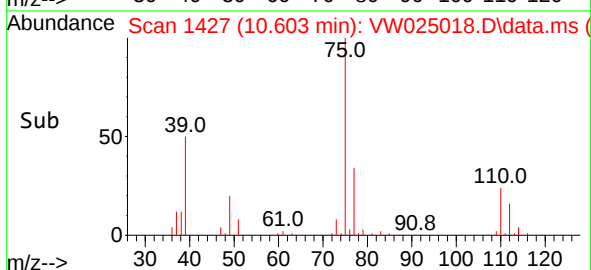
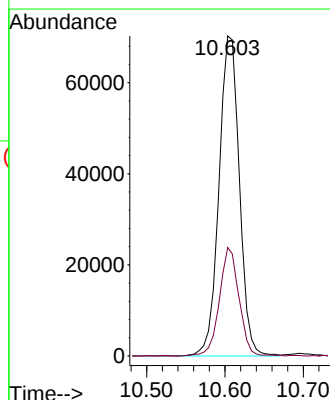
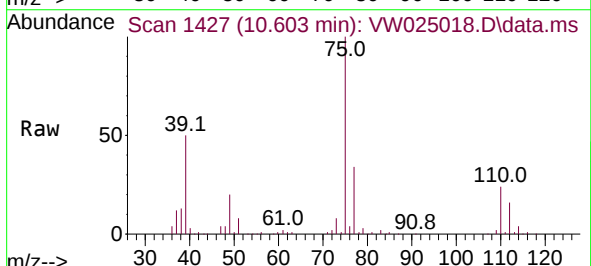
Acq: 03 Nov 2022 17:09

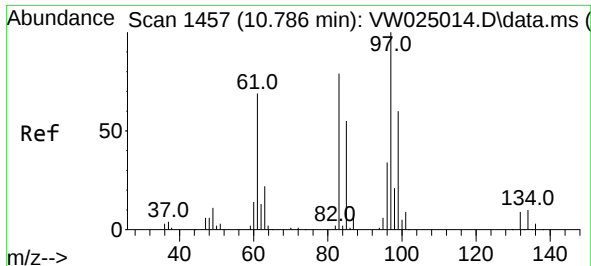
Tgt Ion: 75 Resp: 127377

Ion Ratio Lower Upper

75 100

77 33.9 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 22.149 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW025018.D

Acq: 03 Nov 2022 17:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025486

Tgt Ion: 97 Resp: 65933

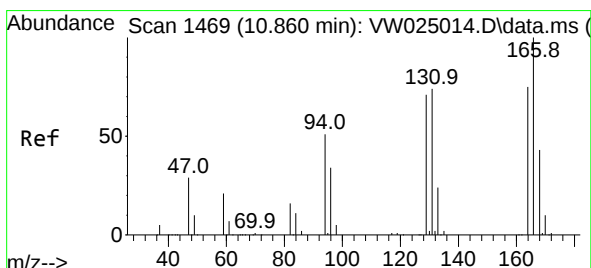
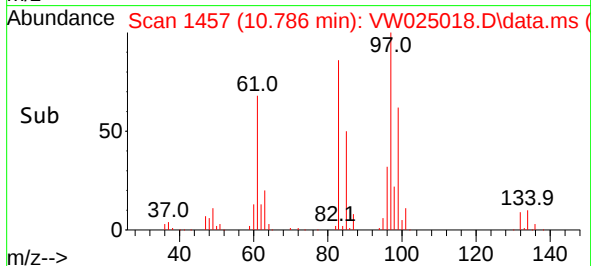
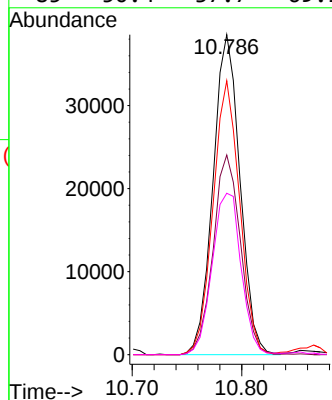
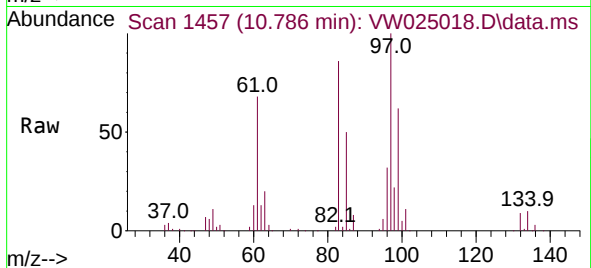
Ion Ratio Lower Upper

97 100

99 62.4 44.0 81.6

83 85.6 59.9 111.3

85 50.4 37.7 69.9



#46

Tetrachloroethene

Concen: 23.322 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW025018.D

Acq: 03 Nov 2022 17:09

Tgt Ion:164 Resp: 71721

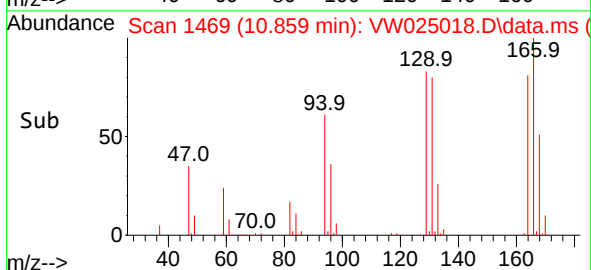
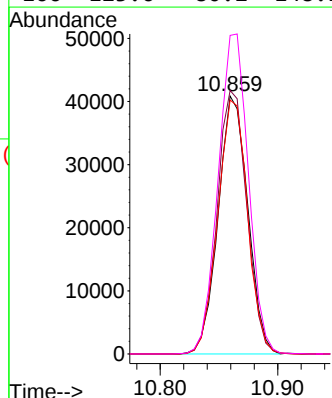
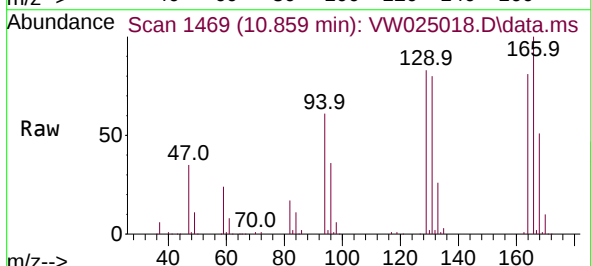
Ion Ratio Lower Upper

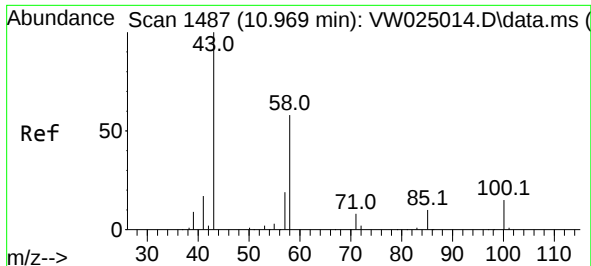
164 100

129 102.2 72.9 135.5

131 98.5 70.1 130.3

166 123.6 80.2 148.9

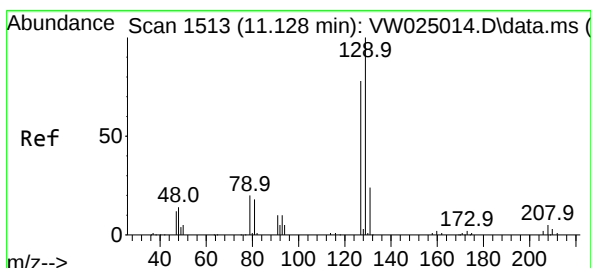
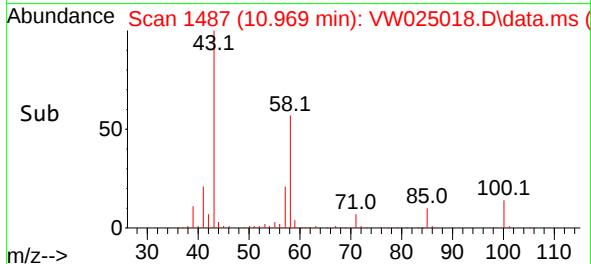
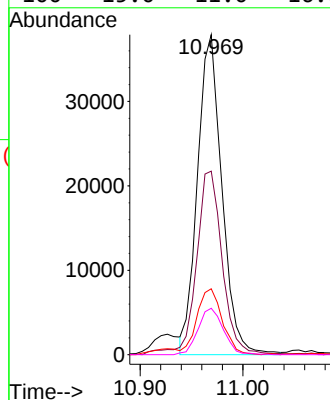
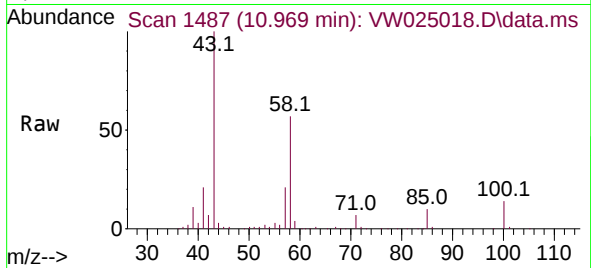




#48
2-Hexanone
Concen: 39.311 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

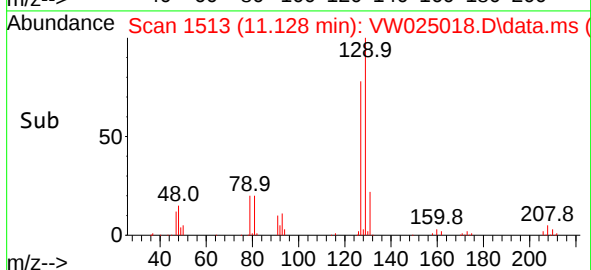
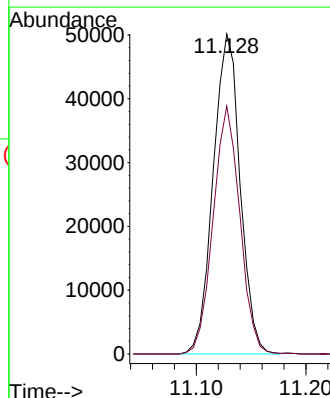
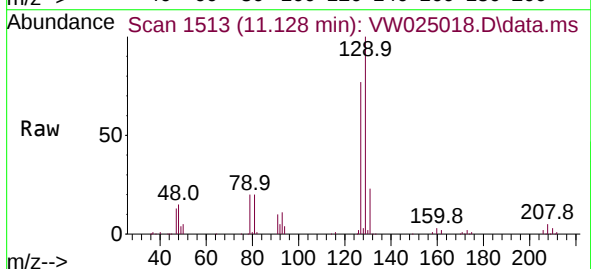
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

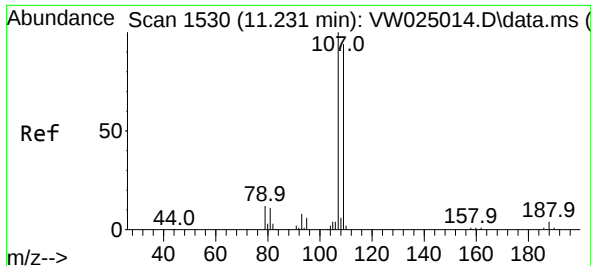
Tgt Ion:	43	Resp:	62899
Ion	Ratio	Lower	Upper
43	100		
58	60.5	46.1	69.1
57	21.3	16.2	24.2
100	15.0	11.0	16.6



#49
Dibromochloromethane
Concen: 23.612 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

Tgt Ion:	129	Resp:	85678
Ion	Ratio	Lower	Upper
129	100		
127	77.4	53.2	98.8





#50

1,2-Dibromoethane

Concen: 21.529 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025018.D

Acq: 03 Nov 2022 17:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025486

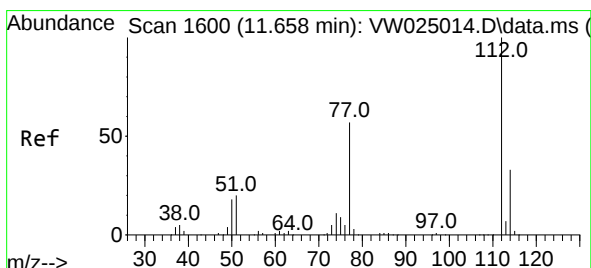
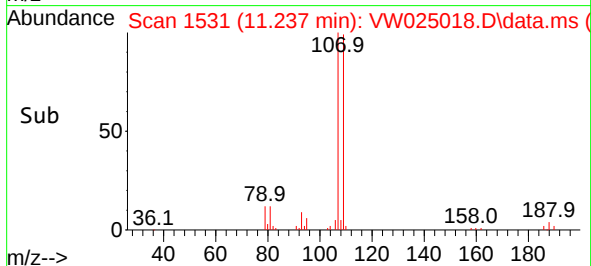
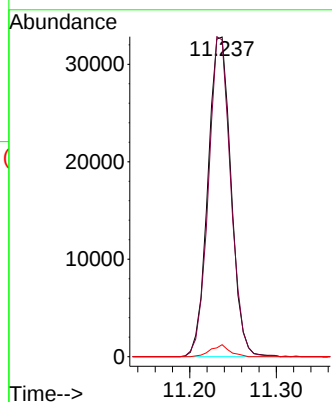
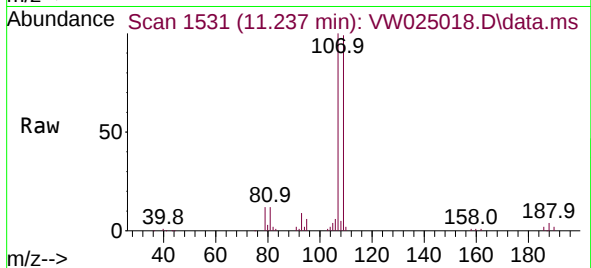
Tgt Ion:107 Resp: 60611

Ion Ratio Lower Upper

107 100

109 99.1 64.5 119.7

188 3.8 2.9 4.3



#51

Chlorobenzene

Concen: 23.186 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW025018.D

Acq: 03 Nov 2022 17:09

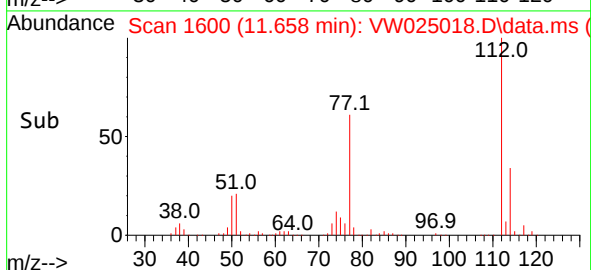
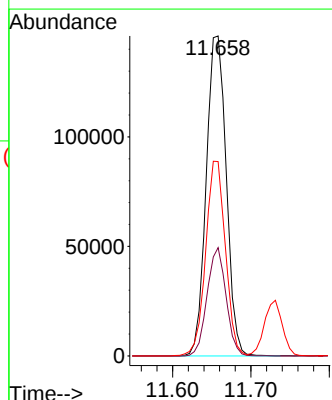
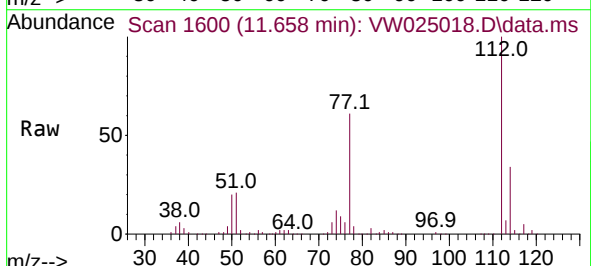
Tgt Ion:112 Resp: 259176

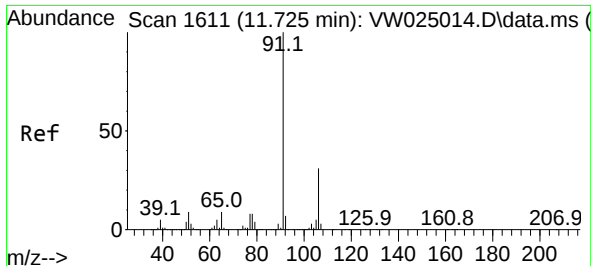
Ion Ratio Lower Upper

112 100

114 33.8 20.8 38.6

77 60.8 48.2 72.2

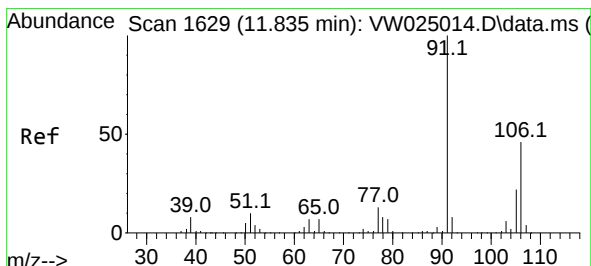
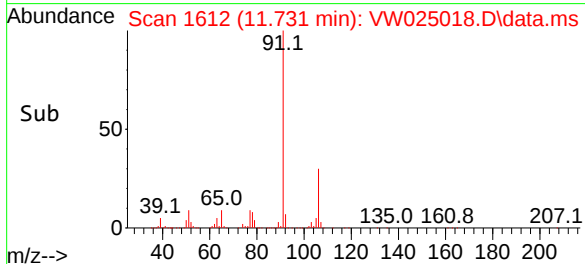
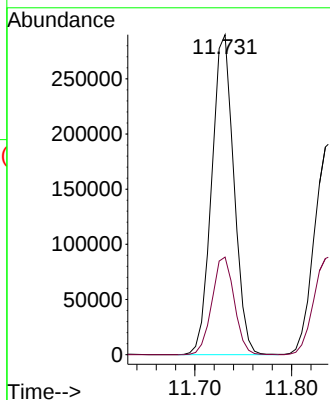
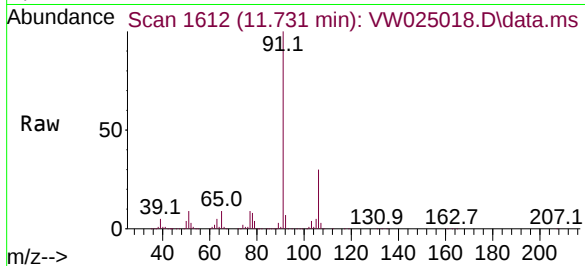




#52
Ethylbenzene
Concen: 23.185 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

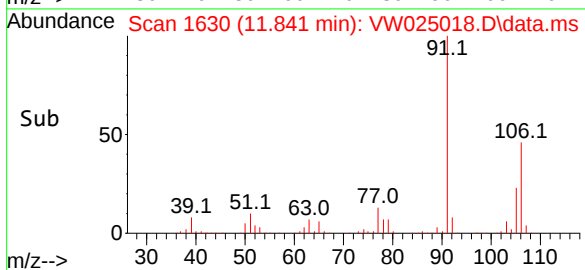
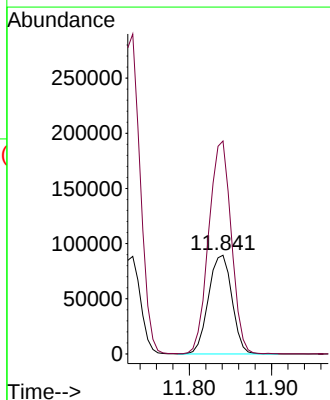
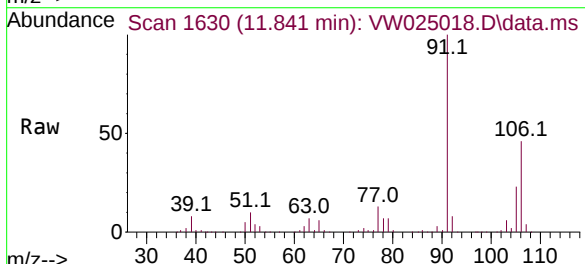
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

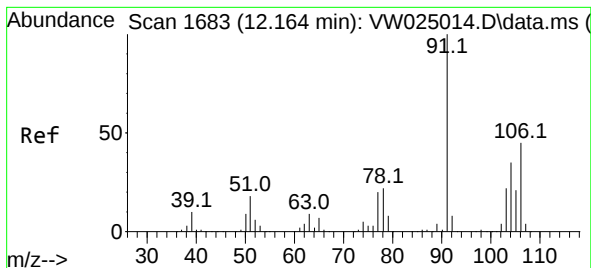
Tgt Ion: 91 Resp: 461519
Ion Ratio Lower Upper
91 100
106 30.5 22.3 41.5



#53
m,p-Xylene
Concen: 22.987 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

Tgt Ion:106 Resp: 177123
Ion Ratio Lower Upper
106 100
91 215.8 143.9 267.2





#54

o-Xylene

Concen: 23.226 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025018.D

Acq: 03 Nov 2022 17:09

Instrument :

MSVOA_W

ClientSampleId :

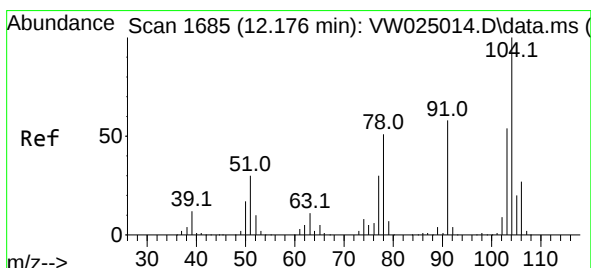
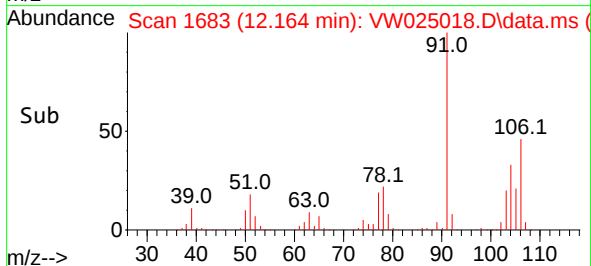
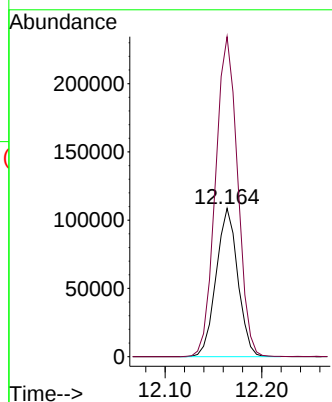
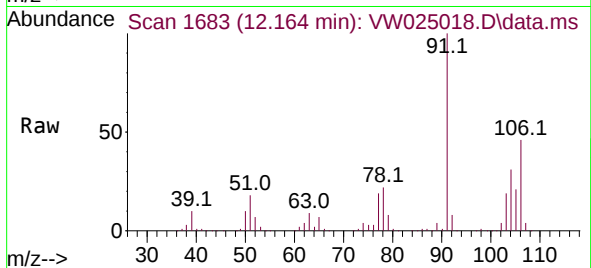
VSTD025486

Tgt Ion:106 Resp: 168840

Ion Ratio Lower Upper

106 100

91 215.8 153.5 285.1



#55

Styrene

Concen: 23.533 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW025018.D

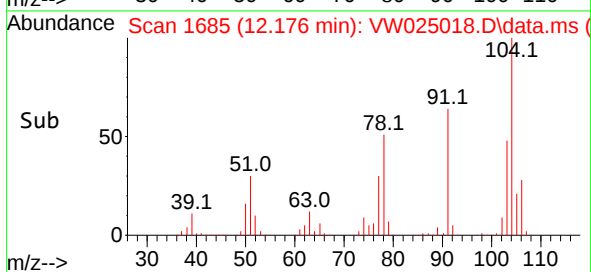
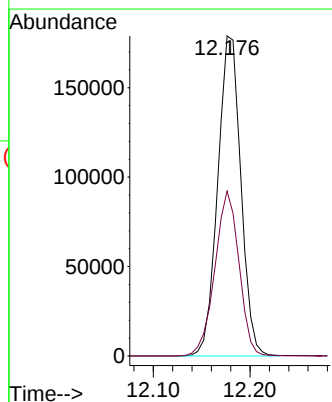
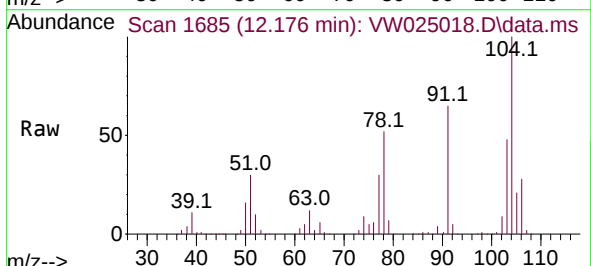
Acq: 03 Nov 2022 17:09

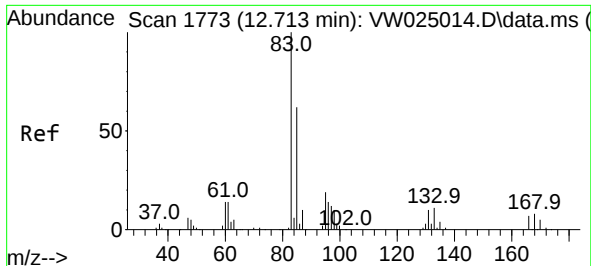
Tgt Ion:104 Resp: 297124

Ion Ratio Lower Upper

104 100

78 51.5 31.3 58.1





#57

1,1,2-Tetrachloroethane

Concen: 21.793 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW025018.D

Acq: 03 Nov 2022 17:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025486

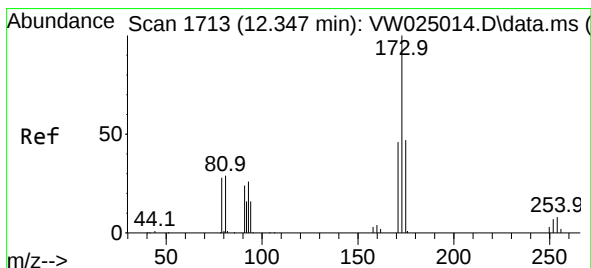
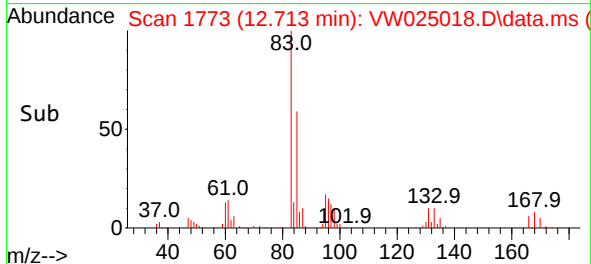
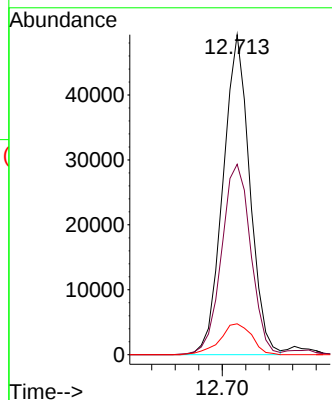
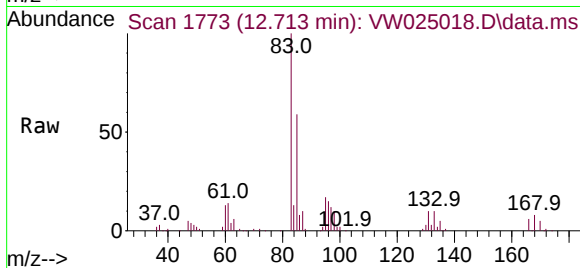
Tgt Ion: 83 Resp: 77824

Ion Ratio Lower Upper

83 100

85 59.5 46.4 86.2

131 9.6 8.2 12.4



#59

Bromoform

Concen: 22.371 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW025018.D

Acq: 03 Nov 2022 17:09

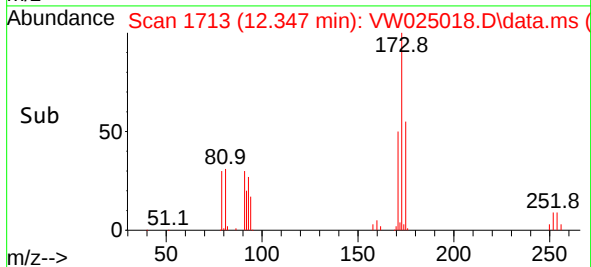
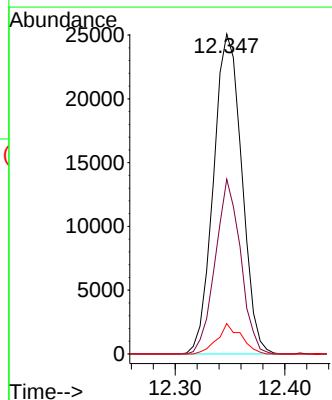
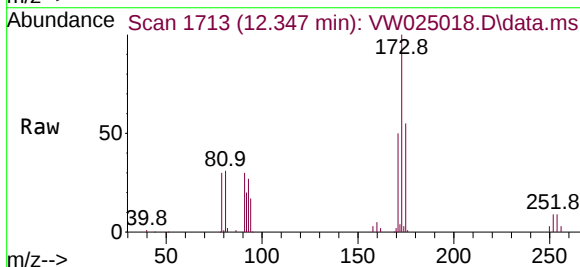
Tgt Ion: 173 Resp: 45034

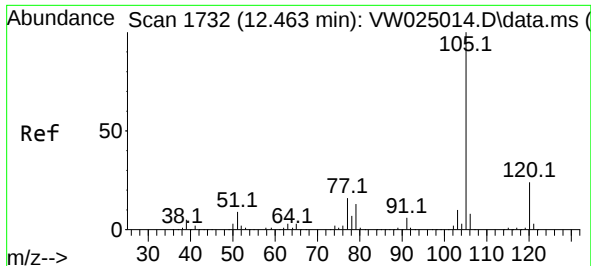
Ion Ratio Lower Upper

173 100

175 48.8 37.4 56.2

254 8.0 5.8 8.8

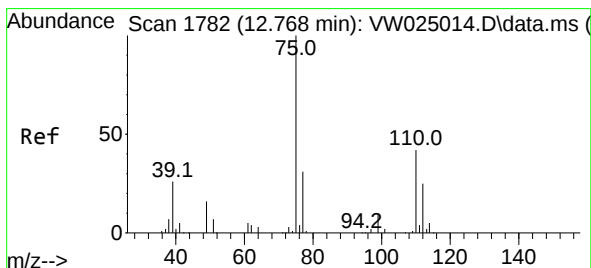
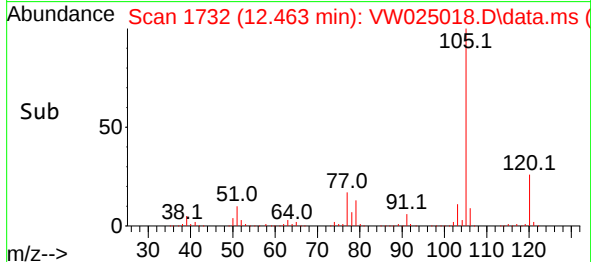
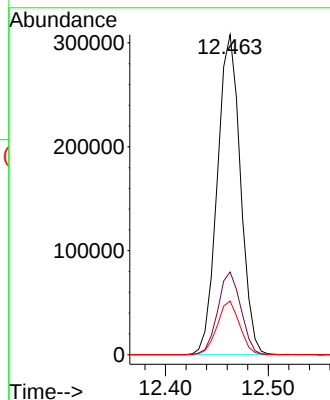
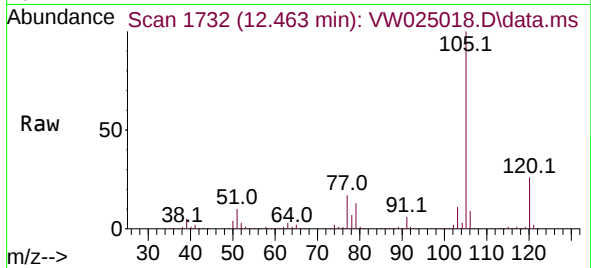




#60
Isopropylbenzene
Concen: 22.449 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

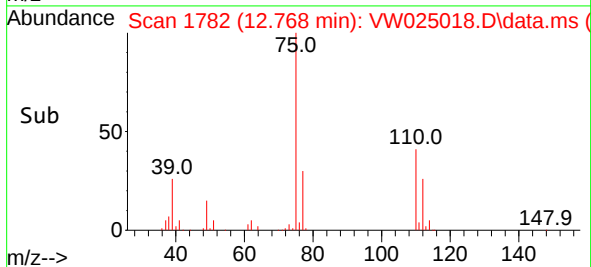
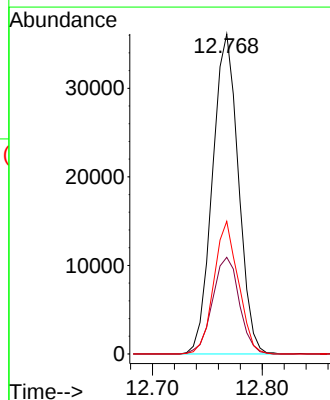
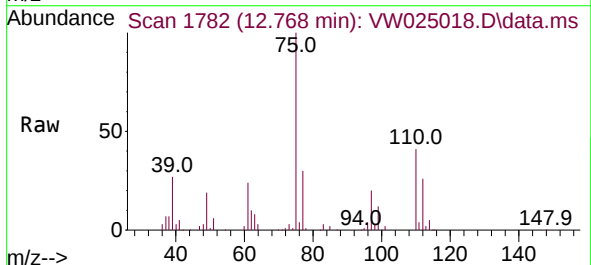
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

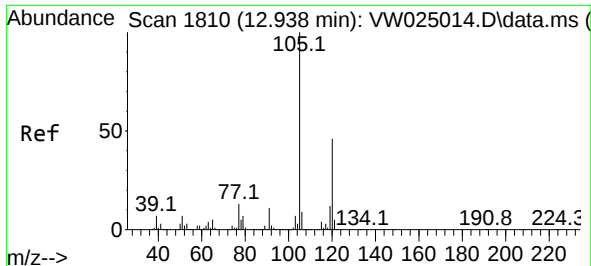
Tgt Ion:105 Resp: 480368
Ion Ratio Lower Upper
105 100
120 25.8 20.8 31.2
77 16.3 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 20.768 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

Tgt Ion: 75 Resp: 59383
Ion Ratio Lower Upper
75 100
77 31.2 25.7 38.5
110 39.1 31.7 47.5

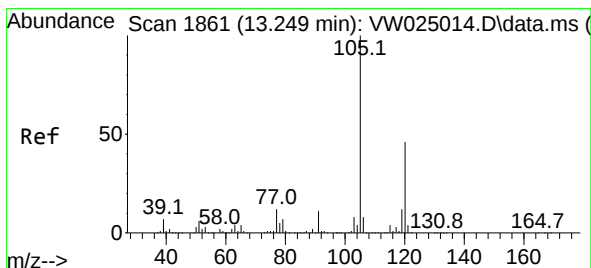
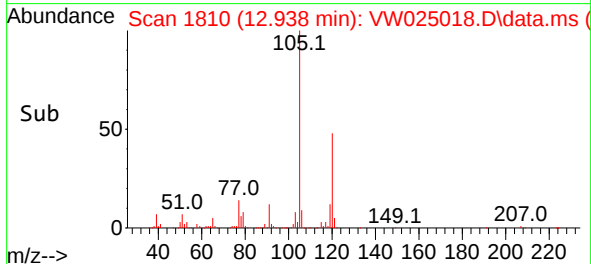
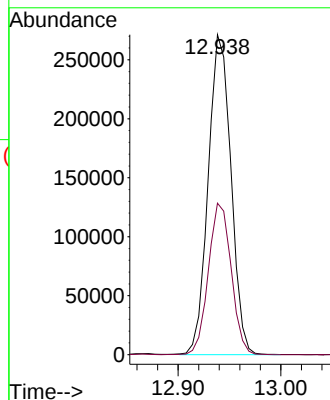
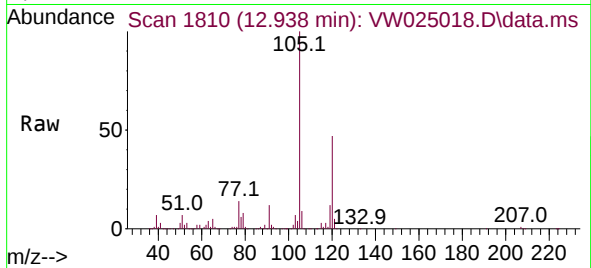




#62
1,3,5-Trimethylbenzene
Concen: 22.479 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

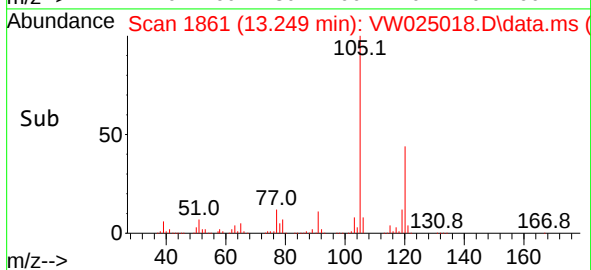
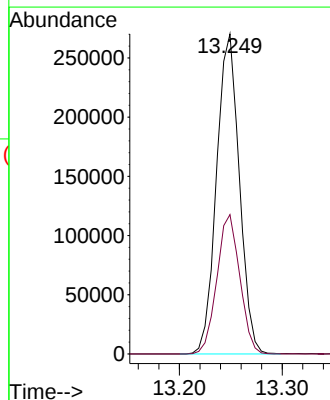
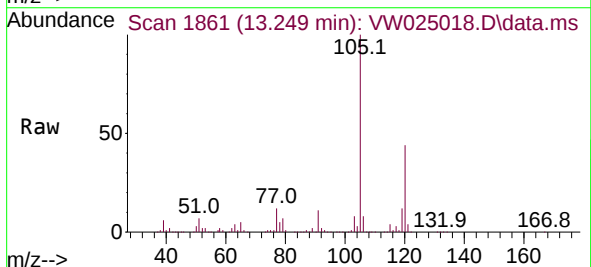
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

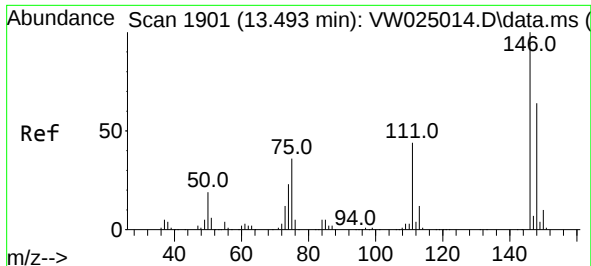
Tgt Ion:105 Resp: 417539
Ion Ratio Lower Upper
105 100
120 47.4 37.6 56.4



#63
1,2,4-Trimethylbenzene
Concen: 22.832 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

Tgt Ion:105 Resp: 415870
Ion Ratio Lower Upper
105 100
120 43.7 35.7 53.5

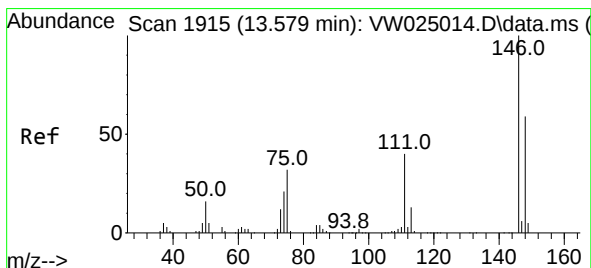
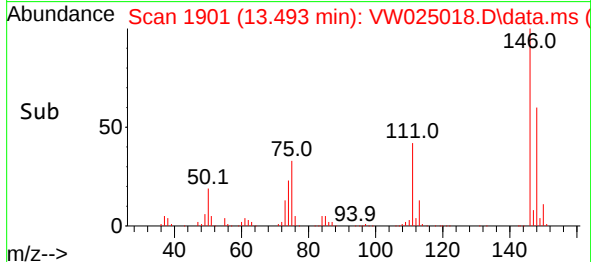
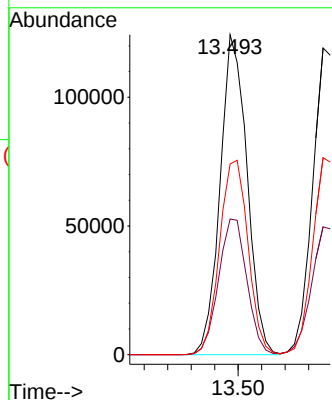
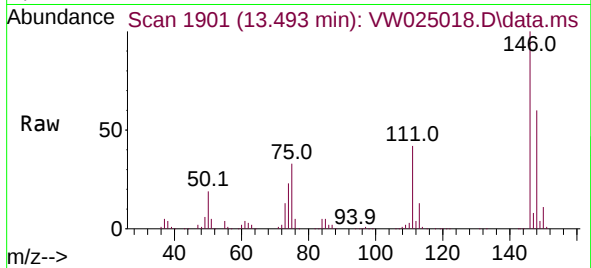




#64
1,3-Dichlorobenzene
Concen: 22.221 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

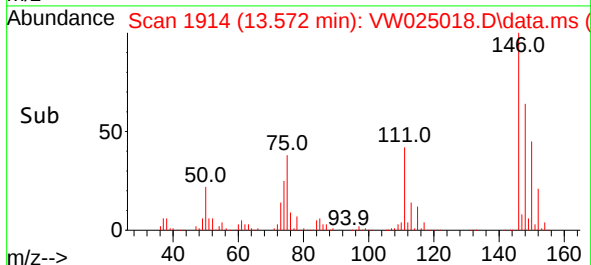
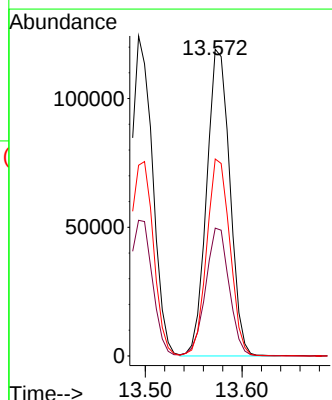
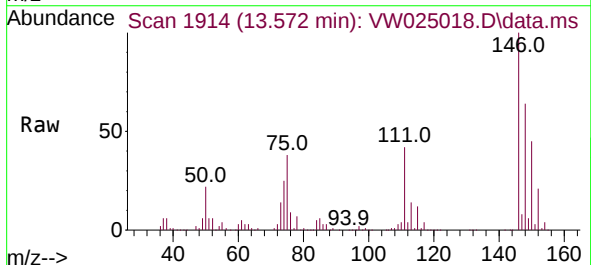
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

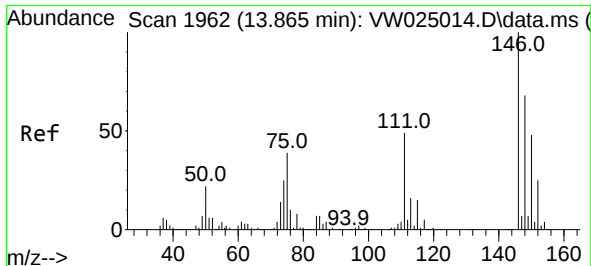
Tgt Ion:146 Resp: 198305
Ion Ratio Lower Upper
146 100
111 42.4 31.1 57.7
148 59.6 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 22.304 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

Tgt Ion:146 Resp: 198616
Ion Ratio Lower Upper
146 100
111 41.7 28.8 53.6
148 64.2 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 21.973 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW025018.D

Acq: 03 Nov 2022 17:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025486

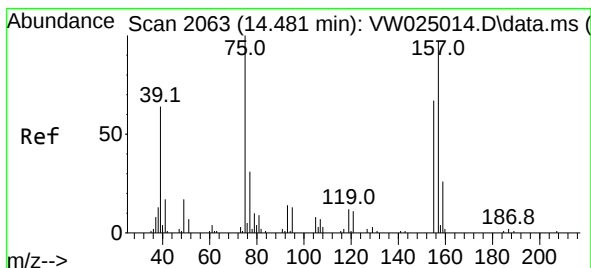
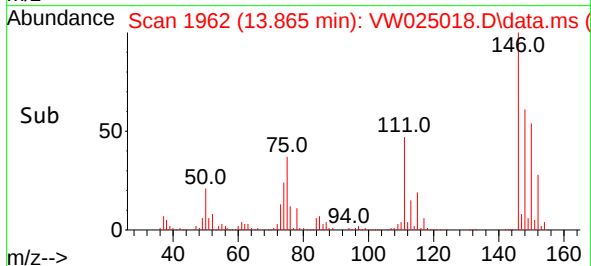
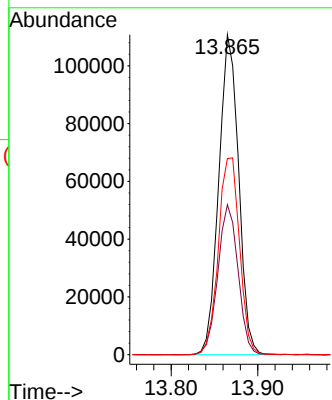
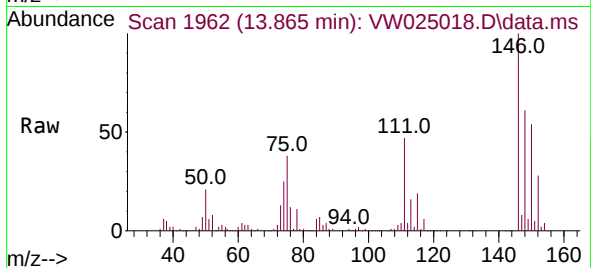
Tgt Ion:146 Resp: 176317

Ion Ratio Lower Upper

146 100

111 46.9 34.2 51.4

148 61.3 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 20.959 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025018.D

Acq: 03 Nov 2022 17:09

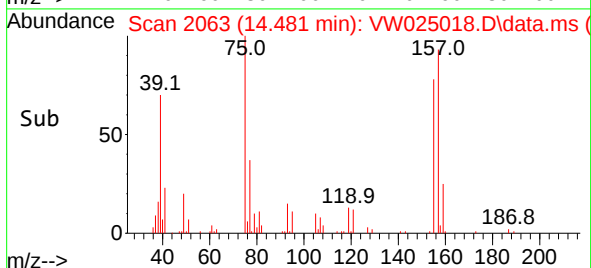
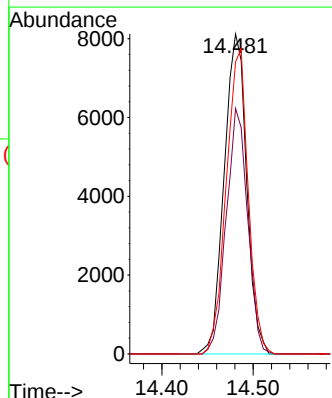
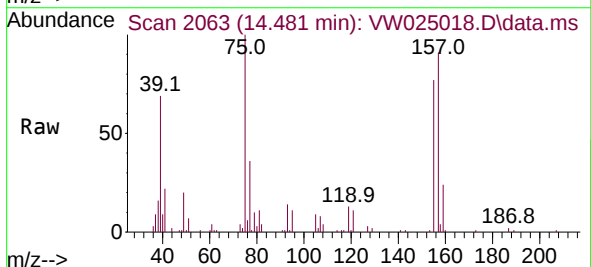
Tgt Ion: 75 Resp: 13849

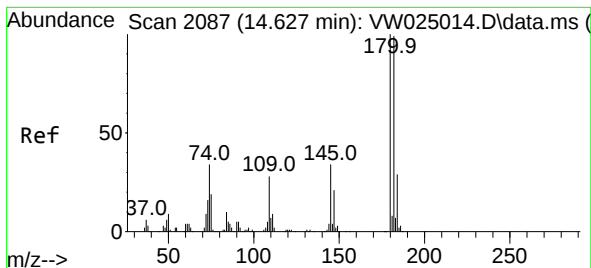
Ion Ratio Lower Upper

75 100

155 76.8 61.2 91.8

157 91.3 72.4 108.6





#69

1,3,5-Trichlorobenzene

Concen: 22.371 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW025018.D

Acq: 03 Nov 2022 17:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025486

Tgt Ion:180 Resp: 132238

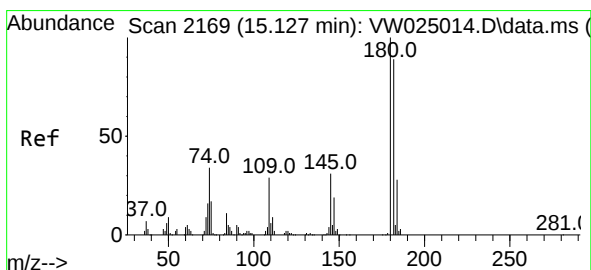
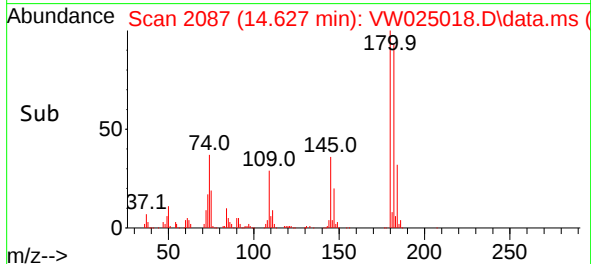
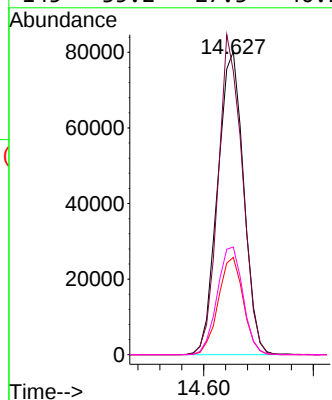
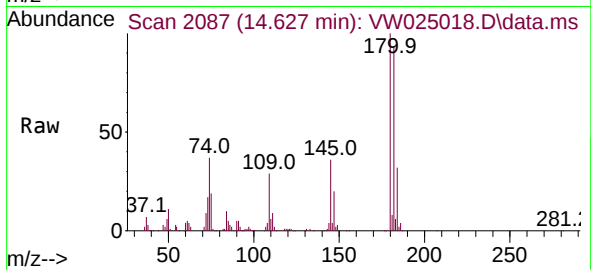
Ion Ratio Lower Upper

180 100

182 98.4 75.7 113.5

184 30.9 23.4 35.2

145 35.2 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 23.886 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW025018.D

Acq: 03 Nov 2022 17:09

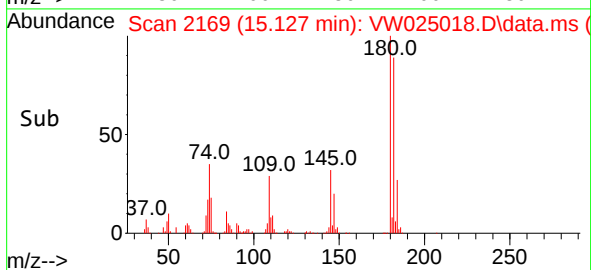
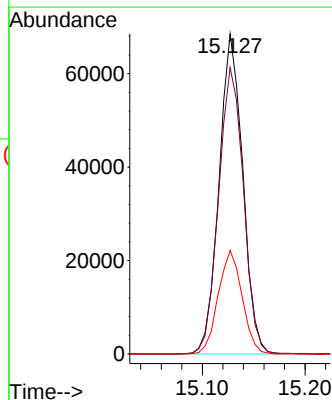
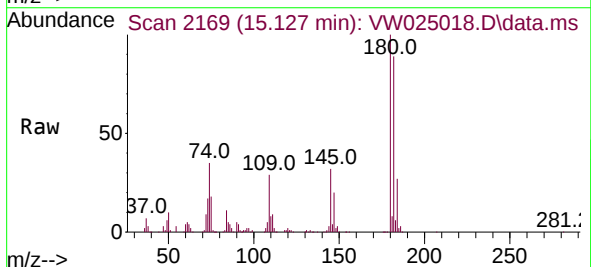
Tgt Ion:180 Resp: 109738

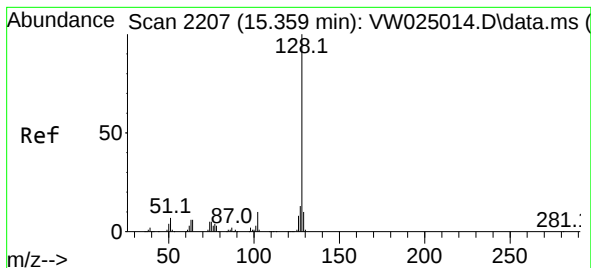
Ion Ratio Lower Upper

180 100

182 93.4 74.9 112.3

145 32.5 27.0 40.4

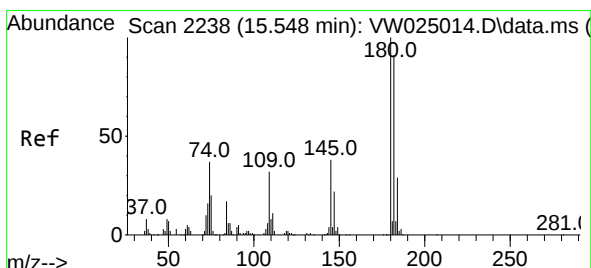
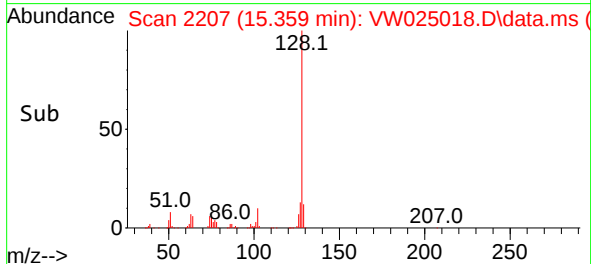
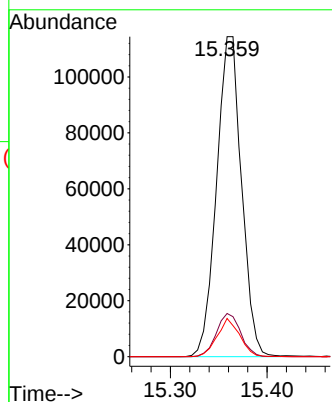
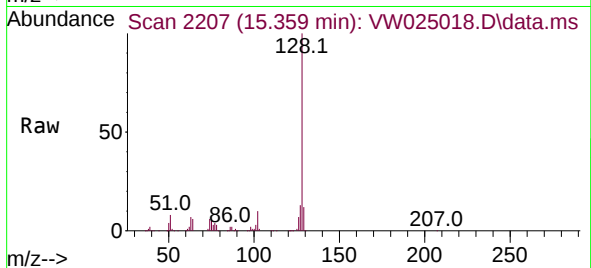




#71
Naphthalene
Concen: 21.175 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

Tgt Ion:128 Resp: 205220
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 21.868 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW025018.D
Acq: 03 Nov 2022 17:09

Tgt Ion:180 Resp: 87540
Ion Ratio Lower Upper
180 100
182 99.2 74.1 111.1
145 36.2 28.2 42.2

