

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021722\
 Data File : VW024718.D
 Acq On : 17 Feb 2022 13:06
 Operator : SY/MD
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010217

Quant Time: Feb 18 07:07:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 07:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	181390	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	169947	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	83036	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	155151	10.116	ug/L	0.00
7) Chloroethane-d5	1.568	69	125182	9.729	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	282141	8.727	ug/L	0.00
20) 2-Butanone-d5	3.886	46	239058	95.933	ug/L	0.00
24) Chloroform-d	4.349	84	244529	9.395	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	106950	9.069	ug/L	0.00
32) Benzene-d6	5.050	84	504002	10.493	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	146929	9.880	ug/L	0.00
41) Toluene-d8	7.313	98	466820	10.426	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	54226	9.337	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	208838	100.468	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	90889	10.326	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	144421	10.743	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	182479	8.126	ug/L	100
3) Chloromethane	1.240	50	181024	8.139	ug/L	100
5) Vinyl chloride	1.310	62	201438	8.354	ug/L	98
6) Bromomethane	1.523	94	120299	8.213	ug/L	99
8) Chloroethane	1.584	64	118979	8.044	ug/L	100
9) Trichlorofluoromethane	1.754	101	260866	8.097	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	151373	8.374	ug/L	99
12) 1,1-Dichloroethene	2.117	96	143967	8.067	ug/L	94
13) Acetone	2.182	43	159342	80.952	ug/L	100
14) Carbon disulfide	2.294	76	414016	7.388	ug/L	100
15) Methyl Acetate	2.436	43	42744	7.612	ug/L	97
16) Methylene chloride	2.506	84	137521	7.763	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	292337	8.031	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	144101	8.238	ug/L	97
19) 1,1-Dichloroethane	3.188	63	261668	8.644	ug/L	100
21) 2-Butanone	3.969	43	274346	86.884	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	155304	8.816	ug/L	98
23) Bromochloromethane	4.249	128	59191	8.818	ug/L	92
25) Chloroform	4.375	83	270925	8.560	ug/L	100
27) 1,2-Dichloroethane	5.130	62	146126	8.424	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	238635	8.998	ug/L	99
30) Cyclohexane	4.677	56	244110	8.944	ug/L	99
31) Carbon tetrachloride	4.828	117	201638	8.995	ug/L	99
33) Benzene	5.098	78	600785	9.432	ug/L	100
34) Trichloroethene	5.911	95	158199	9.084	ug/L	99
35) Methylcyclohexane	6.130	83	263446	9.201	ug/L	99
37) 1,2-Dichloropropane	6.172	63	146998	9.526	ug/L	98
38) Bromodichloromethane	6.510	83	182411	8.971	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	209835	9.087	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	707358	89.933	ug/L	99
42) Toluene	7.387	91	655576	9.464	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	170916	9.008	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021722\
 Data File : VW024718.D
 Acq On : 17 Feb 2022 13:06
 Operator : SY/MD
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010217

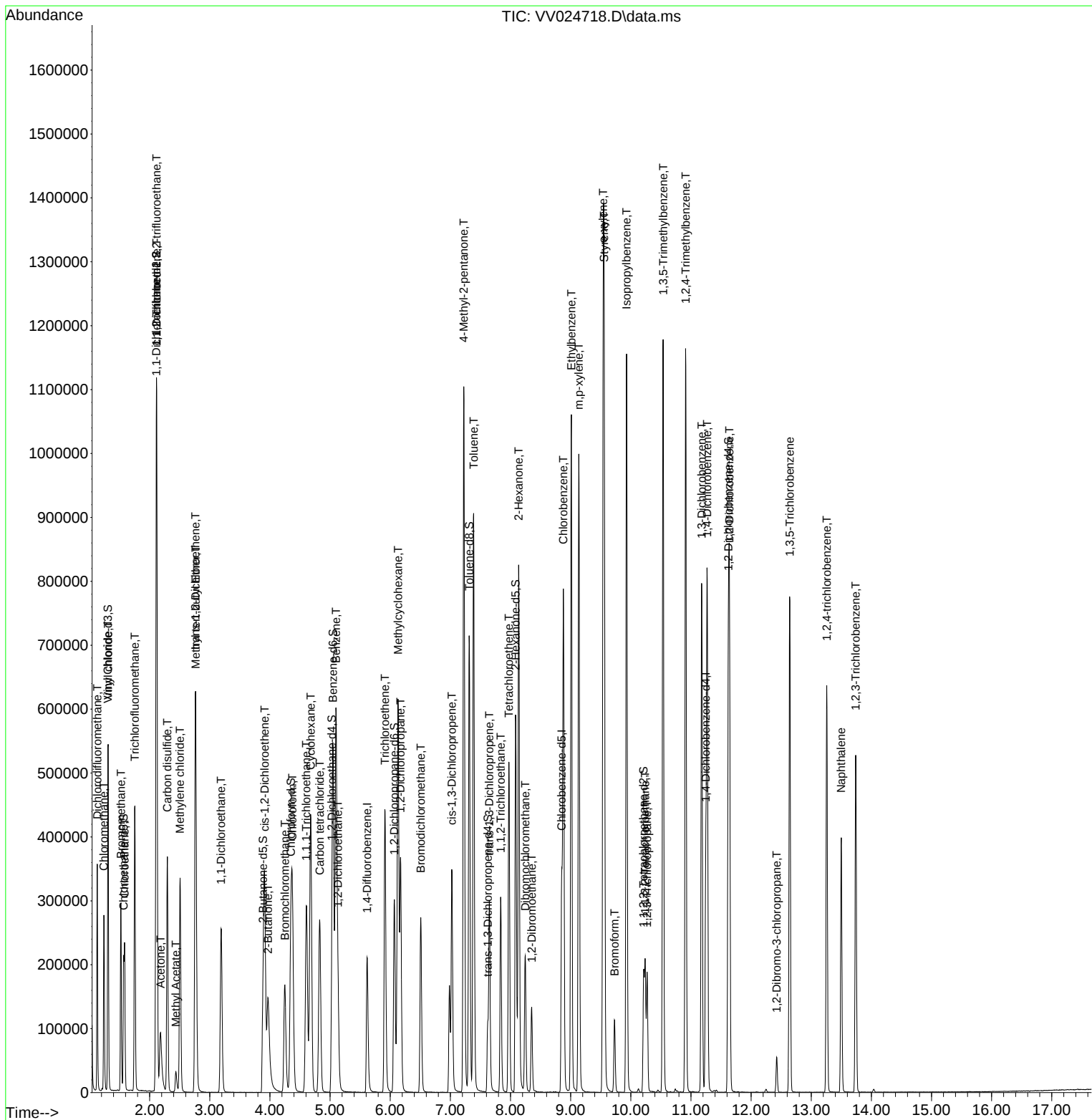
Quant Time: Feb 18 07:07:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 07:05:38 2022
 Response via : Initial Calibration

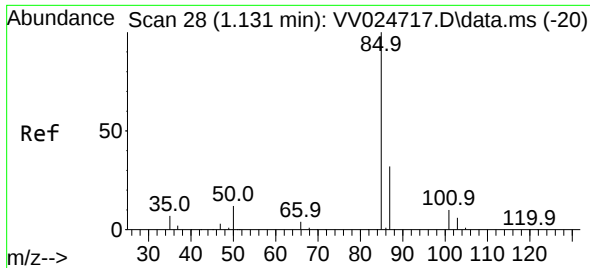
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.837	97	92147	9.233	ug/L	99
47) Tetrachloroethene	7.976	164	106494	9.146	ug/L	98
48) 2-Hexanone	8.136	43	494099	91.574	ug/L	99
49) Dibromochloromethane	8.246	129	108569	9.134	ug/L	98
50) 1,2-Dibromoethane	8.352	107	87171	9.351	ug/L	100
51) Chlorobenzene	8.879	112	404585	9.521	ug/L	99
52) Ethylbenzene	9.011	91	728926	9.494	ug/L	99
53) m,p-xylene	9.136	106	278504	9.588	ug/L	98
54) o-xylene	9.542	106	268676	9.530	ug/L	100
55) Styrene	9.558	104	454393	9.803	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	99989	9.834	ug/L	99
59) Bromoform	9.731	173	47591	9.444	ug/L	97
60) Isopropylbenzene	9.931	105	737445	10.061	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	75304	9.490	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	621573	9.934	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	623573	10.015	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	304061	10.148	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	297853	10.018	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	268040	10.084	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	13880	9.038	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	213609	10.043	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	169356	9.948	ug/L	99
71) Naphthalene	13.500	128	295709	9.688	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	141296	9.861	ug/L	99

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

Quant Time: Feb 18 07:07:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 18 07:05:38 2022
Response via : Initial Calibration

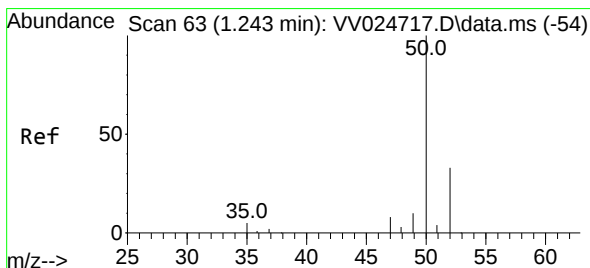
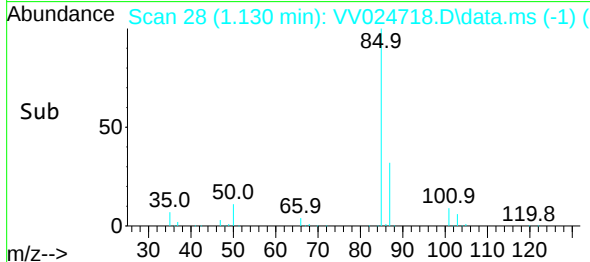
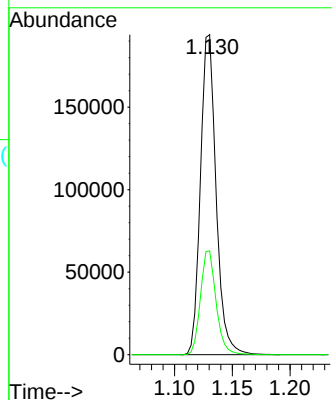
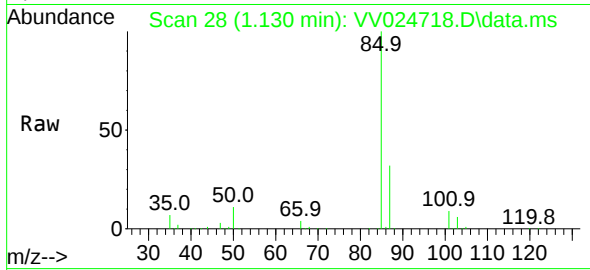




#2
 Dichlorodifluoromethane
 Concen: 8.126 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV024718.D
 Acq: 17 Feb 2022 13:06

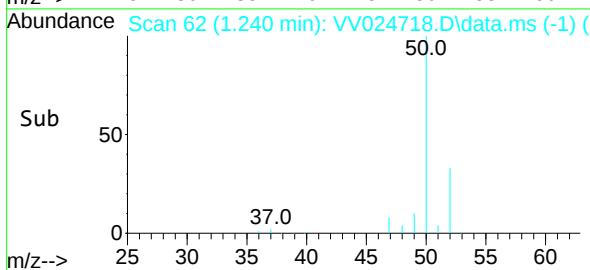
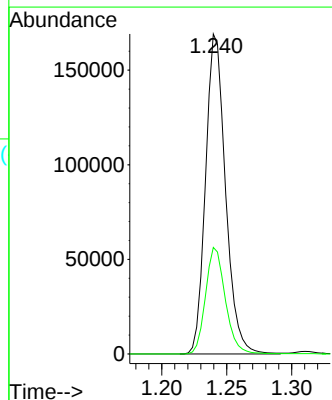
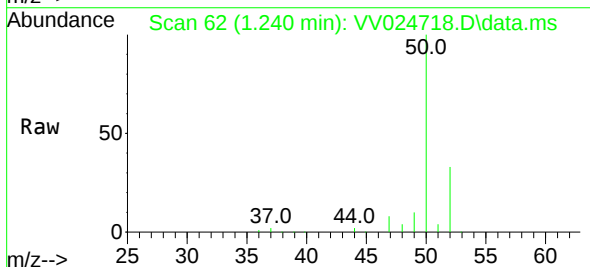
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010217

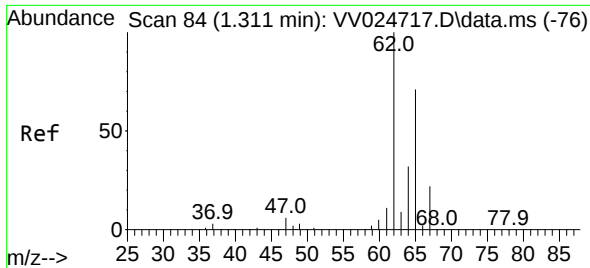
Tgt Ion: 85 Resp: 182479
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 8.139 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV024718.D
 Acq: 17 Feb 2022 13:06

Tgt Ion: 50 Resp: 181024
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.3 43.3

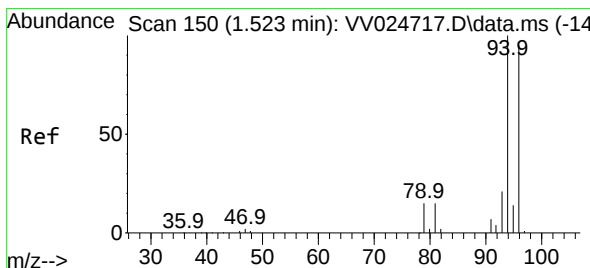
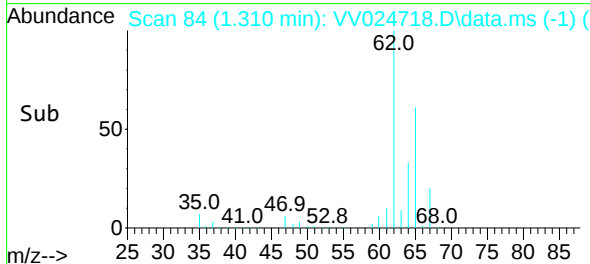
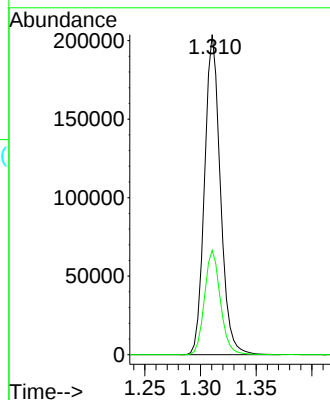
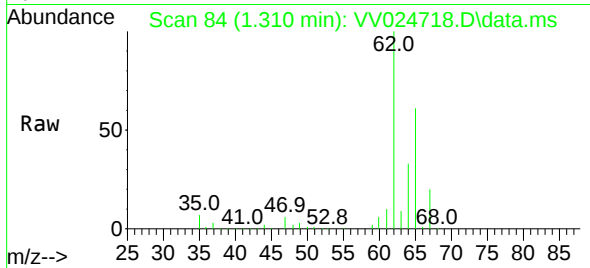




#5
 Vinyl chloride
 Concen: 8.354 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024718.D
 Acq: 17 Feb 2022 13:06

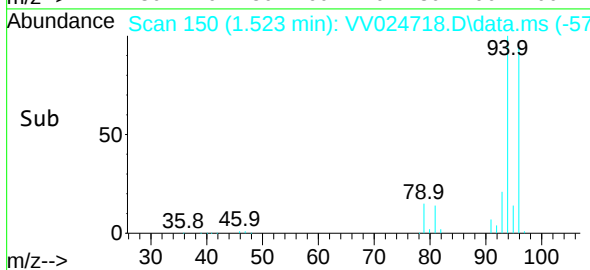
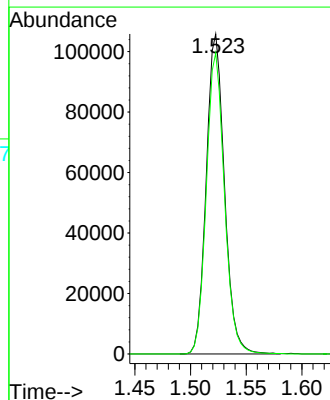
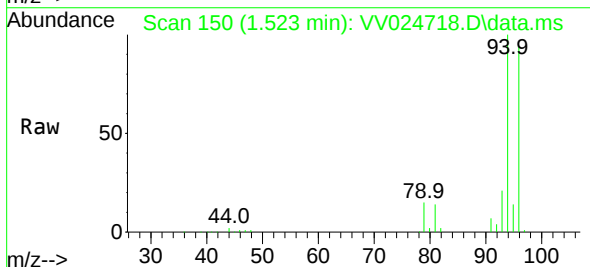
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010217

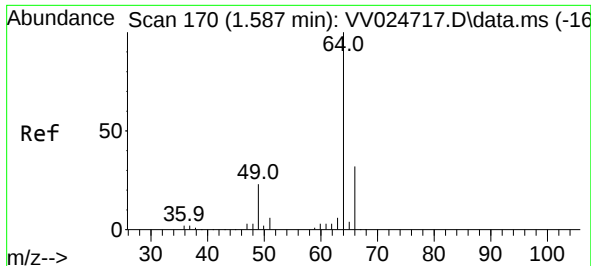
Tgt Ion: 62 Resp: 201438
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.2 41.2



#6
 Bromomethane
 Concen: 8.213 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV024718.D
 Acq: 17 Feb 2022 13:06

Tgt Ion: 94 Resp: 120299
 Ion Ratio Lower Upper
 94 100
 96 94.1 66.5 123.5

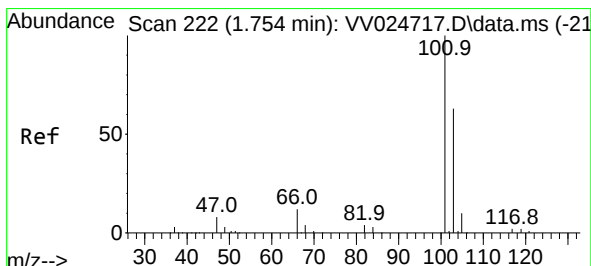
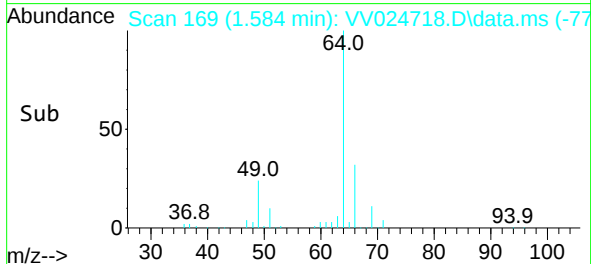
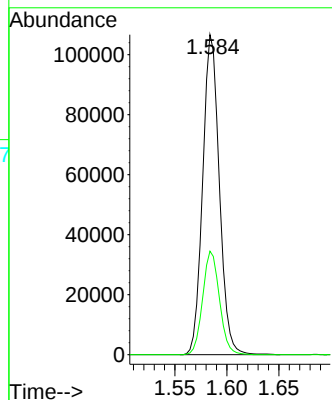
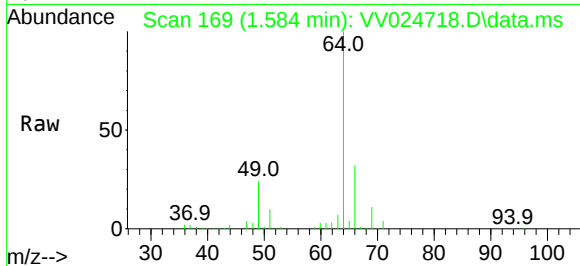




#8
Chloroethane
Concen: 8.044 ug/L
RT: 1.584 min Scan# 170
Delta R.T. -0.003 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

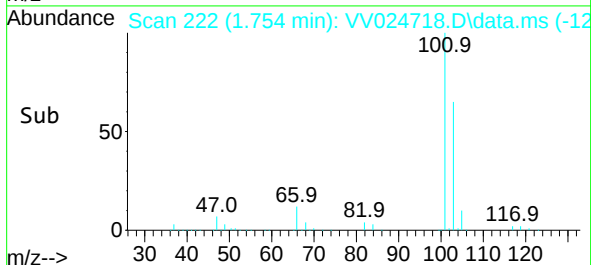
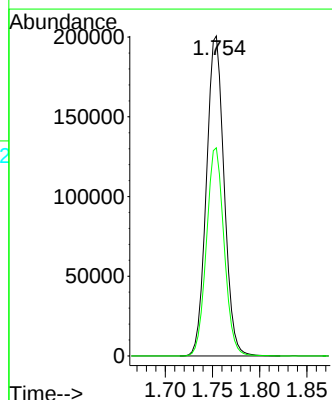
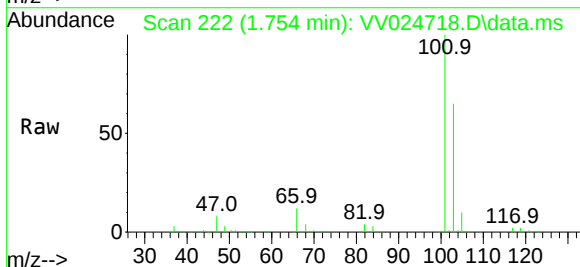
Instrument :
MSVOA_V
ClientSampleId :
VSTD010217

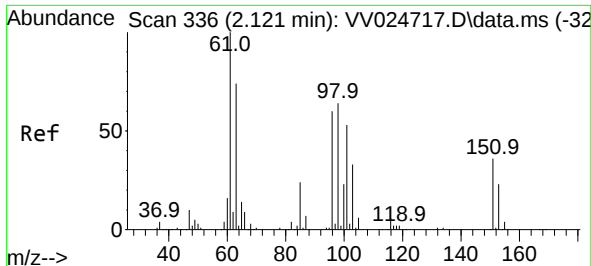
Tgt Ion: 64 Resp: 118979
Ion Ratio Lower Upper
64 100
66 32.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 8.097 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

Tgt Ion: 101 Resp: 260866
Ion Ratio Lower Upper
101 100
103 65.1 50.7 76.1

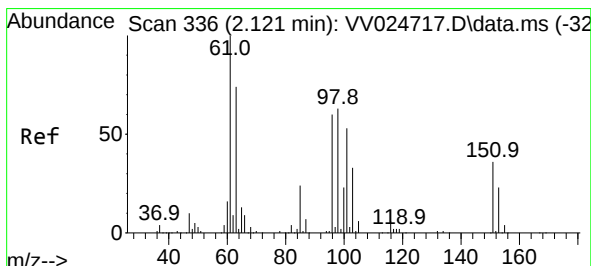
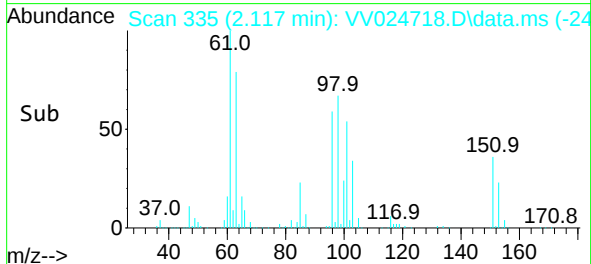
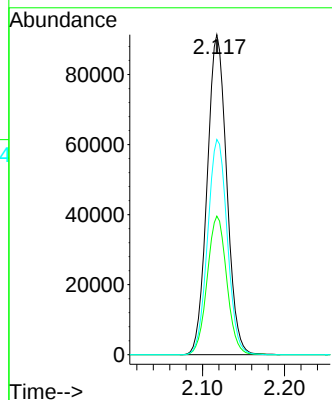
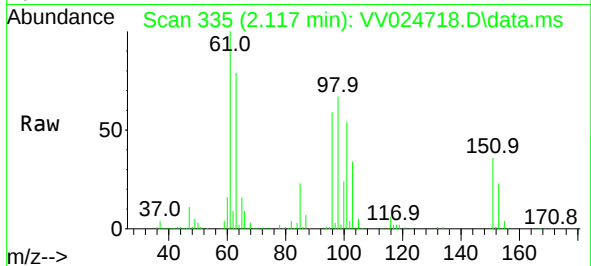




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 8.374 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV024718.D
 Acq: 17 Feb 2022 13:06

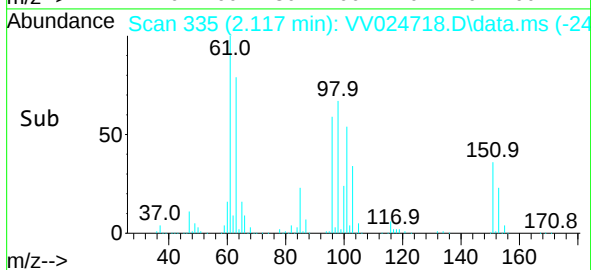
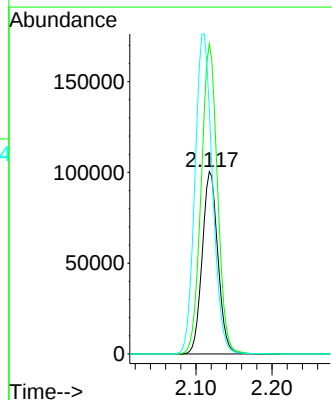
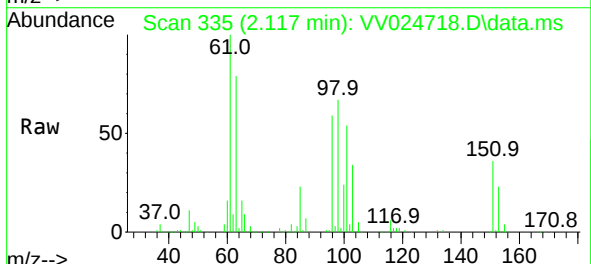
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010217

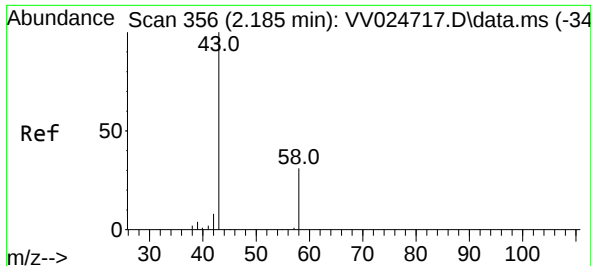
Tgt Ion:101 Resp: 151373
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.7 52.1
 151 67.6 53.5 80.3



#12
 1,1-Dichloroethene
 Concen: 8.067 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV024718.D
 Acq: 17 Feb 2022 13:06

Tgt Ion: 96 Resp: 143967
 Ion Ratio Lower Upper
 96 100
 61 170.0 116.3 216.1
 63 134.2 86.0 159.6





#13

Acetone

Concen: 80.952 ug/L

RT: 2.182 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV024718.D

Acq: 17 Feb 2022 13:06

Instrument :

MSVOA_V

ClientSampleId :

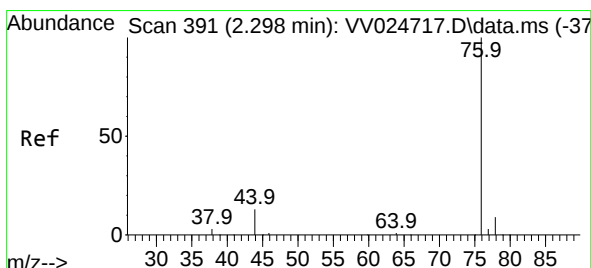
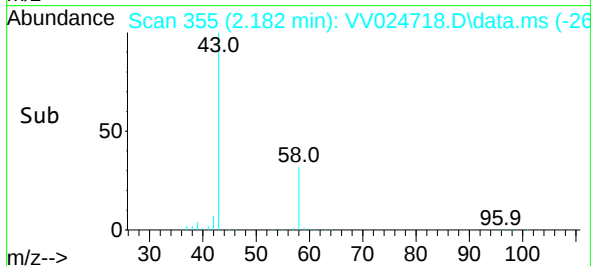
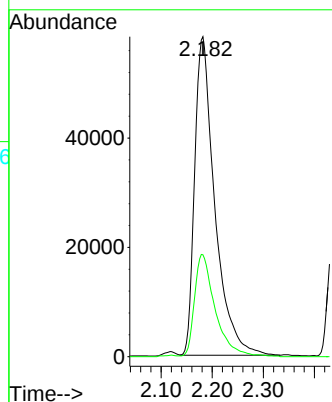
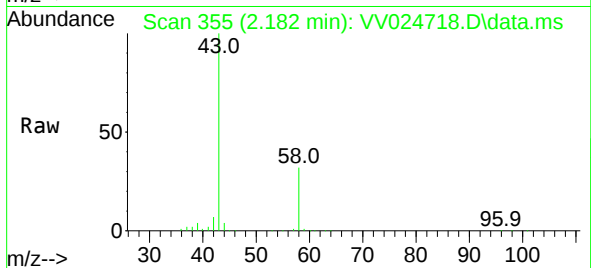
VSTD010217

Tgt Ion: 43 Resp: 159342

Ion Ratio Lower Upper

43 100

58 32.0 0.0 63.6



#14

Carbon disulfide

Concen: 7.388 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV024718.D

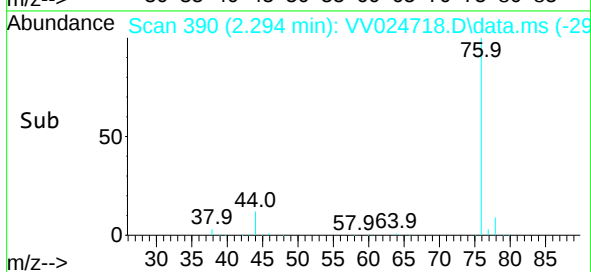
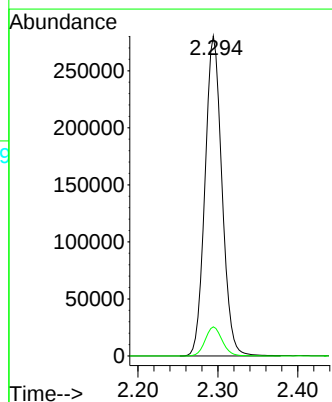
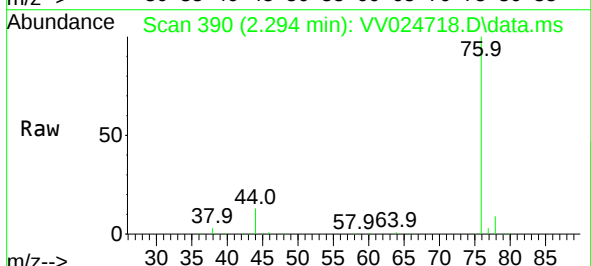
Acq: 17 Feb 2022 13:06

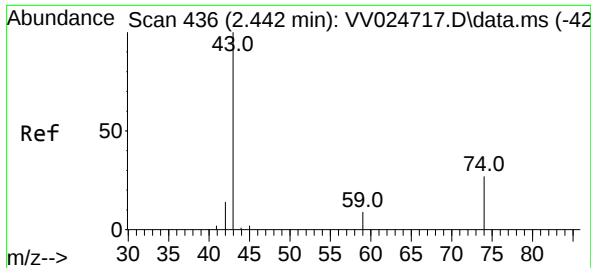
Tgt Ion: 76 Resp: 414016

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

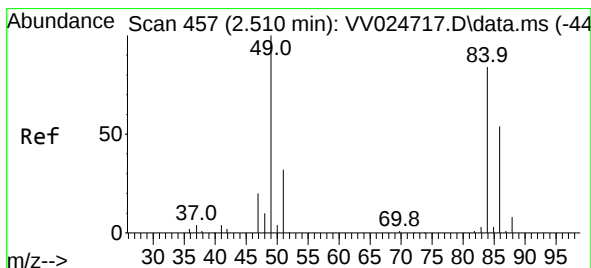
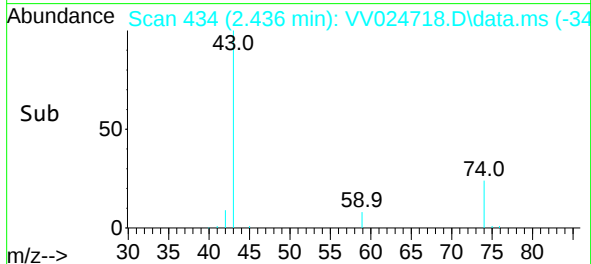
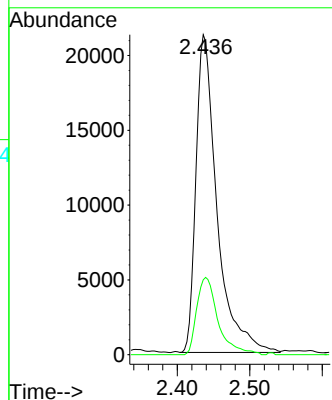
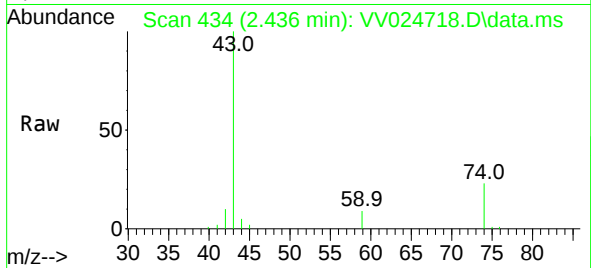




#15
Methyl Acetate
Concen: 7.612 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.007 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

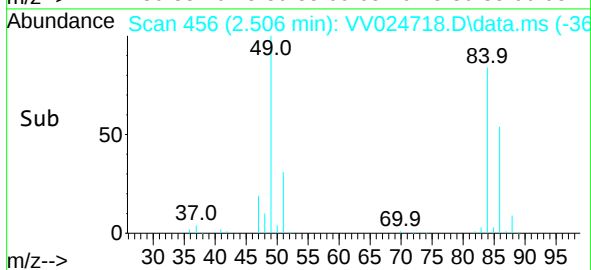
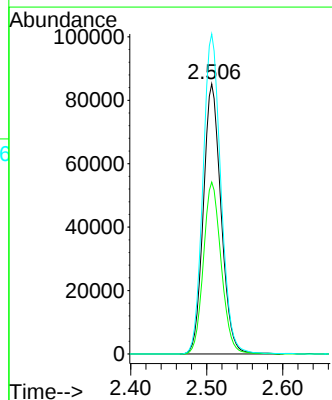
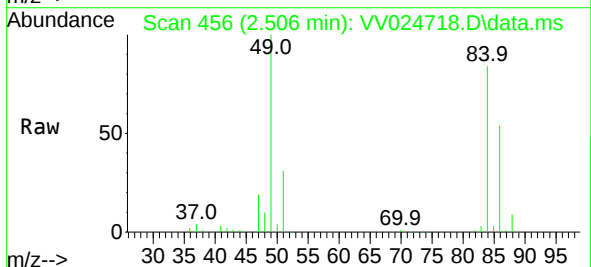
Instrument :
MSVOA_V
ClientSampleId :
VSTD010217

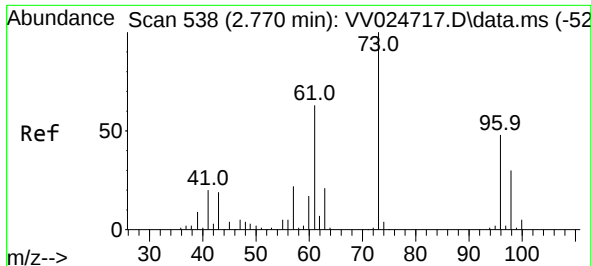
Tgt Ion: 43 Resp: 42744
Ion Ratio Lower Upper
43 100
74 24.7 20.8 31.2



#16
Methylene chloride
Concen: 7.763 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

Tgt Ion: 84 Resp: 137521
Ion Ratio Lower Upper
84 100
86 63.6 45.1 83.7
49 118.5 83.5 155.1





#17

Methyl tert-butyl Ether

Concen: 8.031 ug/L

RT: 2.767 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV024718.D

Acq: 17 Feb 2022 13:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD010217

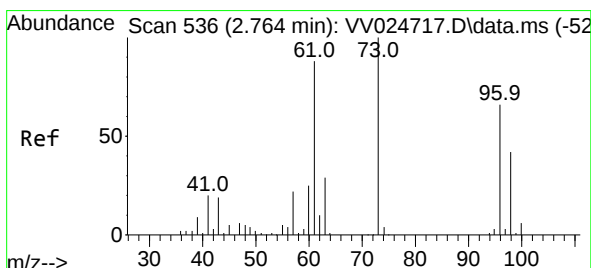
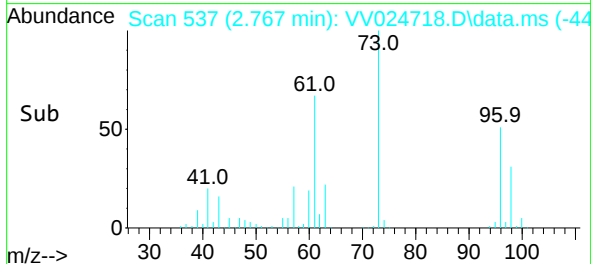
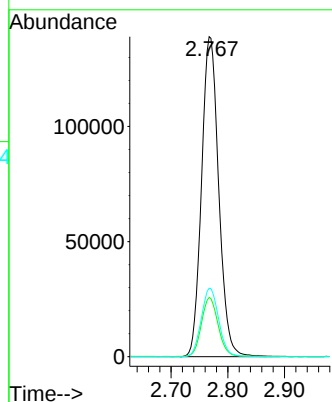
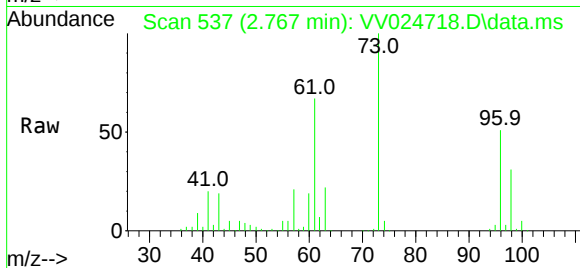
Tgt Ion: 73 Resp: 292337

Ion Ratio Lower Upper

73 100

43 18.2 15.1 22.7

57 21.7 17.4 26.2



#18

trans-1,2-Dichloroethene

Concen: 8.238 ug/L

RT: 2.761 min Scan# 535

Delta R.T. -0.003 min

Lab File: VV024718.D

Acq: 17 Feb 2022 13:06

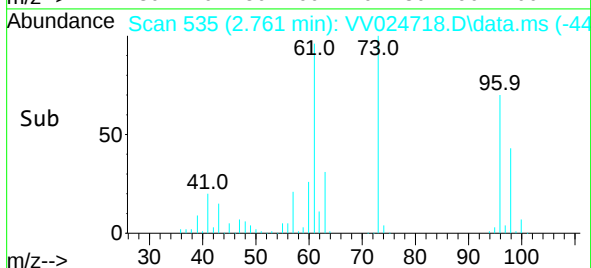
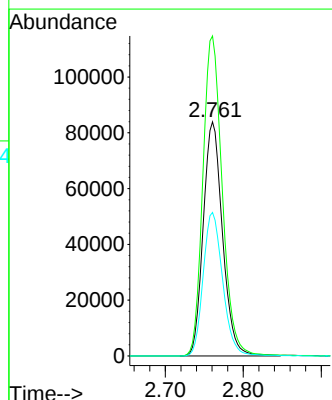
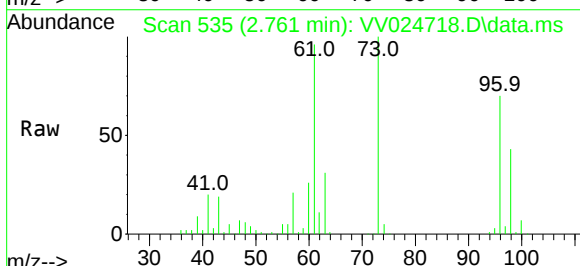
Tgt Ion: 96 Resp: 144101

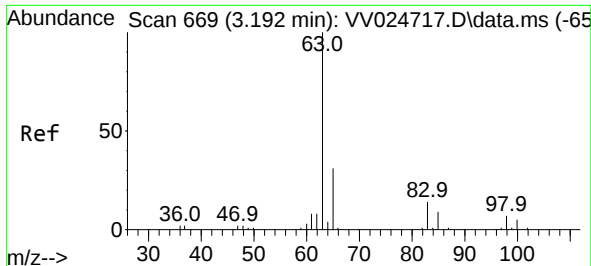
Ion Ratio Lower Upper

96 100

61 136.7 92.9 172.5

98 61.3 44.5 82.7





#19

1,1-Dichloroethane

Concen: 8.644 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV024718.D

Acq: 17 Feb 2022 13:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD010217

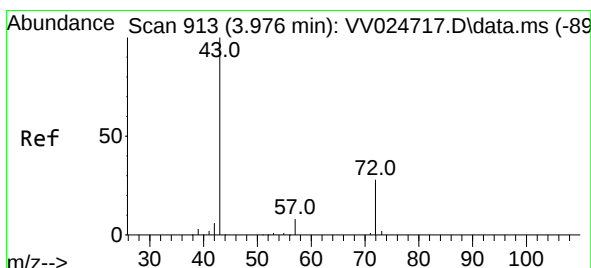
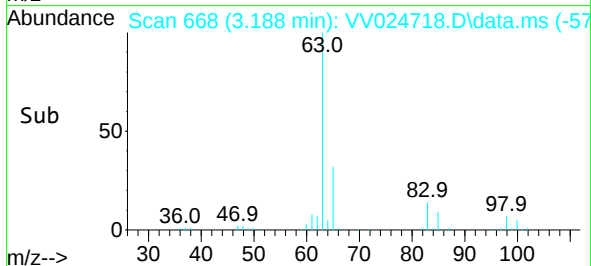
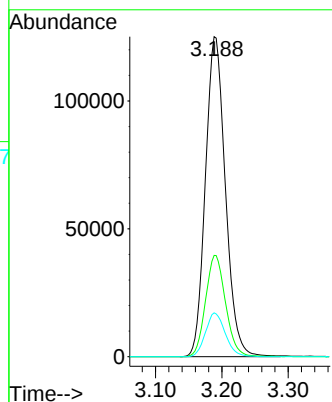
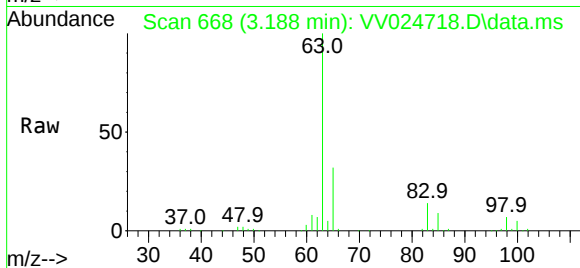
Tgt Ion: 63 Resp: 261668

Ion Ratio Lower Upper

63 100

65 31.7 22.0 40.8

83 13.7 9.5 17.7



#21

2-Butanone

Concen: 86.884 ug/L

RT: 3.969 min Scan# 911

Delta R.T. -0.007 min

Lab File: VV024718.D

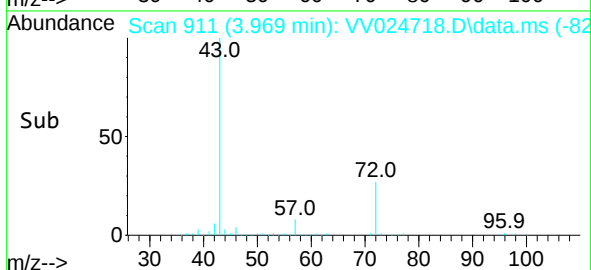
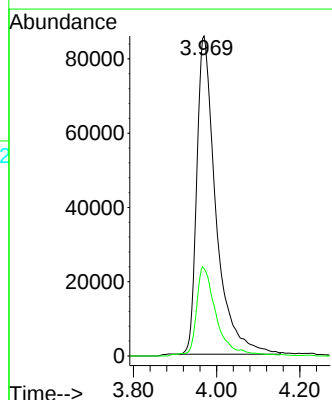
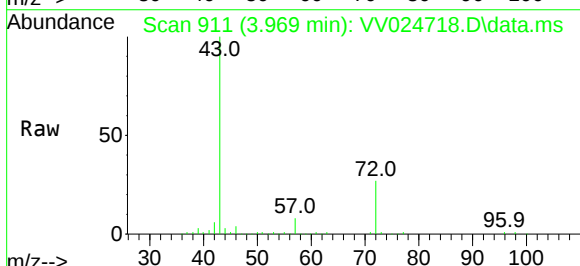
Acq: 17 Feb 2022 13:06

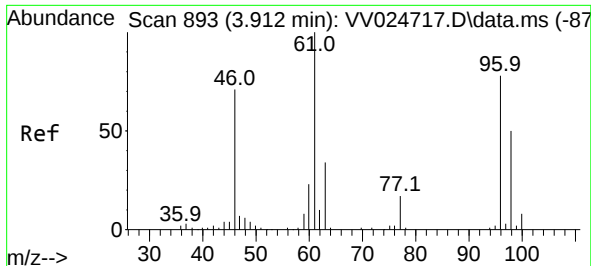
Tgt Ion: 43 Resp: 274346

Ion Ratio Lower Upper

43 100

72 27.7 13.2 39.6





#22

cis-1,2-Dichloroethene

Concen: 8.816 ug/L

RT: 3.912 min Scan# 893

Delta R.T. -0.000 min

Lab File: VV024718.D

Acq: 17 Feb 2022 13:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD010217

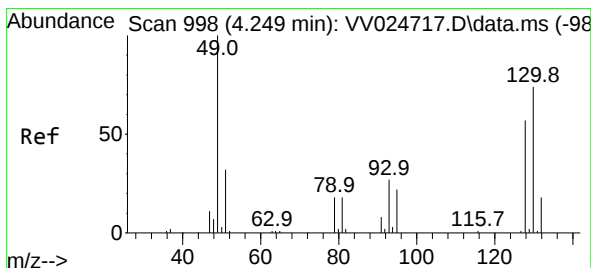
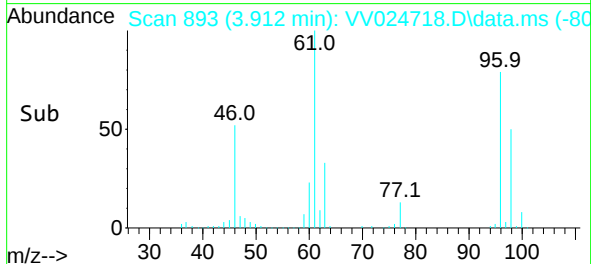
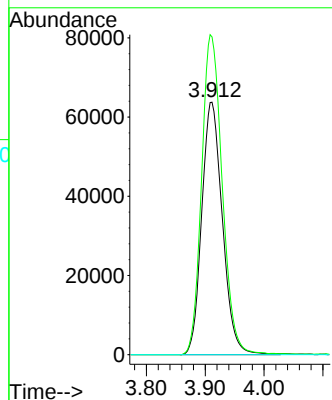
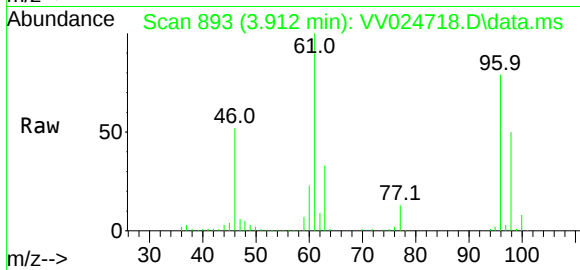
Tgt Ion: 96 Resp: 155304

Ion Ratio Lower Upper

96 100

61 125.8 89.7 166.5

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 8.818 ug/L

RT: 4.249 min Scan# 998

Delta R.T. -0.000 min

Lab File: VV024718.D

Acq: 17 Feb 2022 13:06

Tgt Ion: 128 Resp: 59191

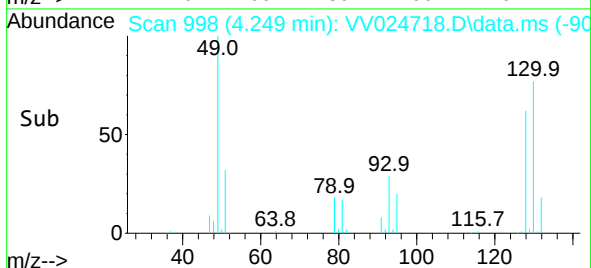
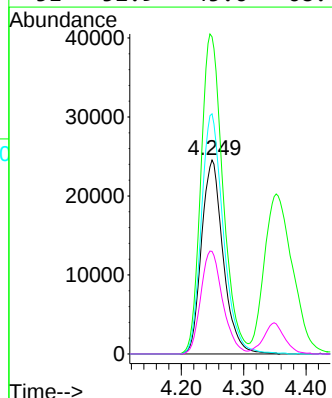
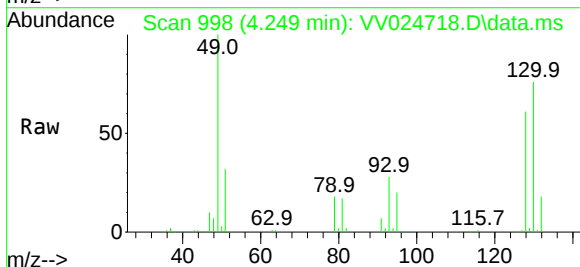
Ion Ratio Lower Upper

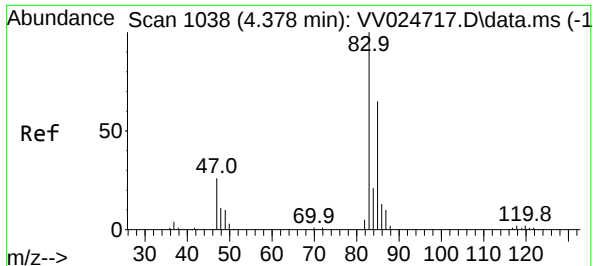
128 100

49 163.5 124.2 230.6

130 123.9 92.1 171.1

51 52.9 45.6 68.4





#25

Chloroform

Concen: 8.560 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV024718.D

Acq: 17 Feb 2022 13:06

Instrument :

MSVOA_V

ClientSampleId :

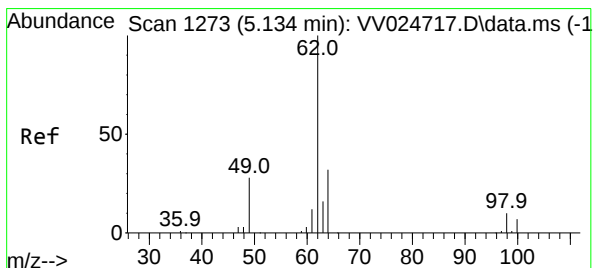
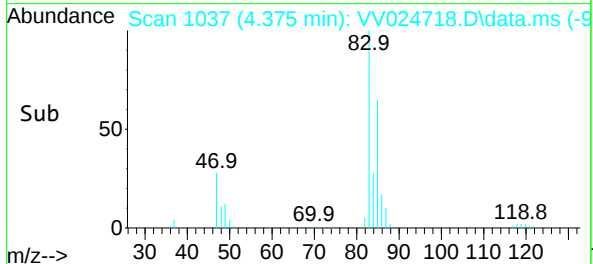
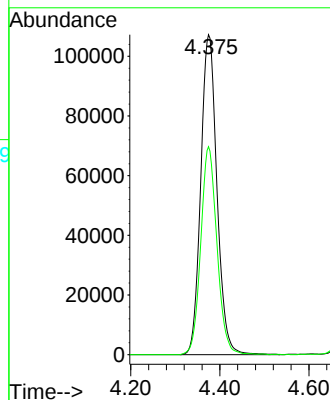
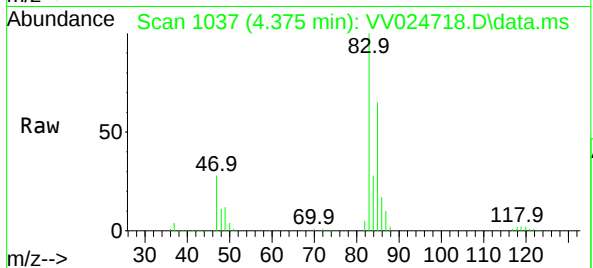
VSTD010217

Tgt Ion: 83 Resp: 270925

Ion Ratio Lower Upper

83 100

85 65.0 45.5 84.5



#27

1,2-Dichloroethane

Concen: 8.424 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV024718.D

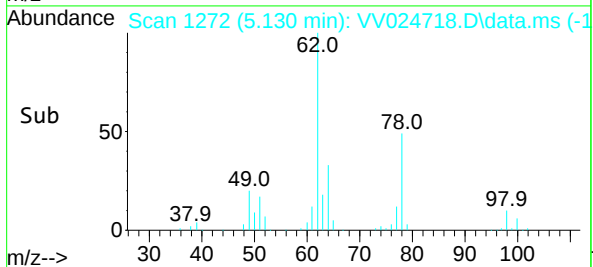
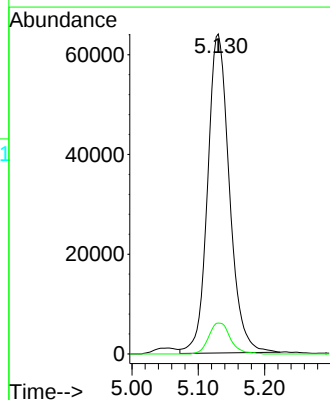
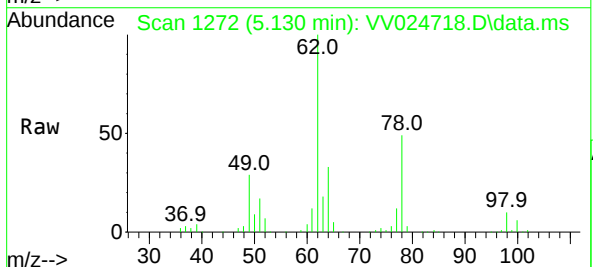
Acq: 17 Feb 2022 13:06

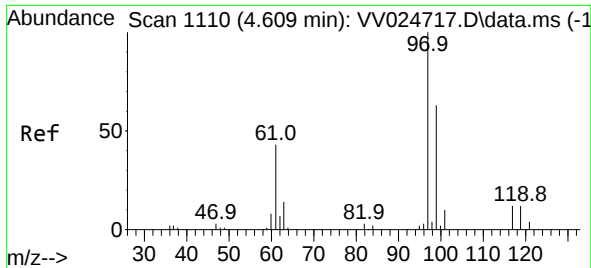
Tgt Ion: 62 Resp: 146126

Ion Ratio Lower Upper

62 100

98 9.7 8.2 12.2

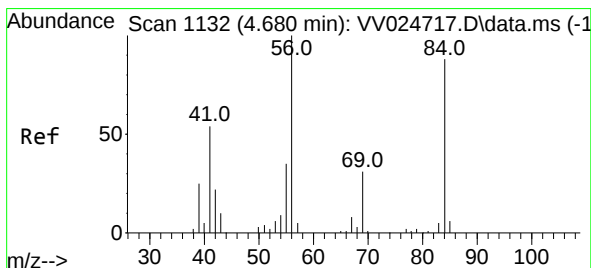
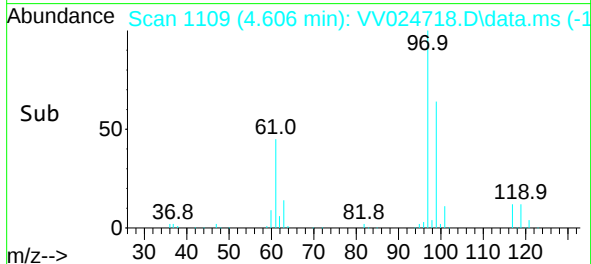
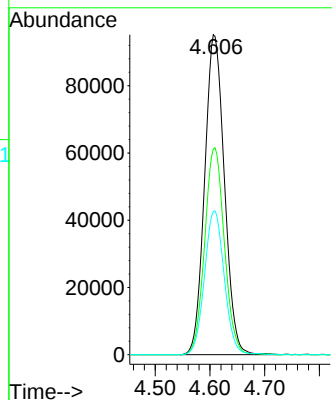
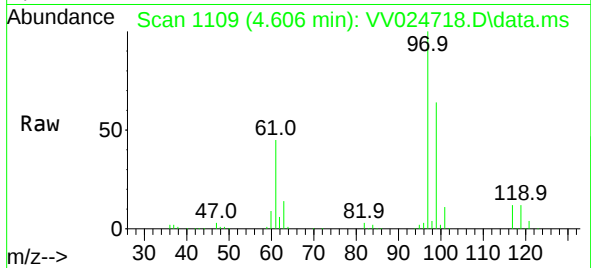




#29
1,1,1-Trichloroethane
Concen: 8.998 ug/L
RT: 4.606 min Scan# 1110
Delta R.T. -0.003 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

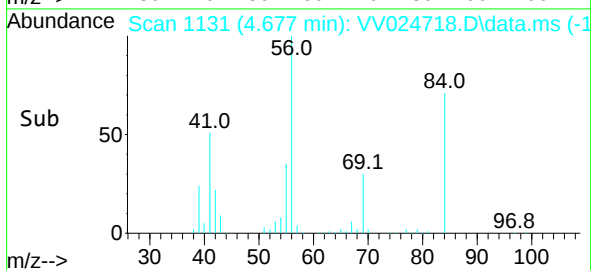
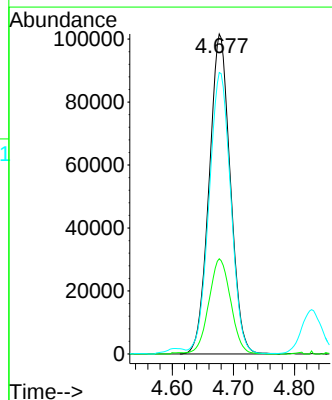
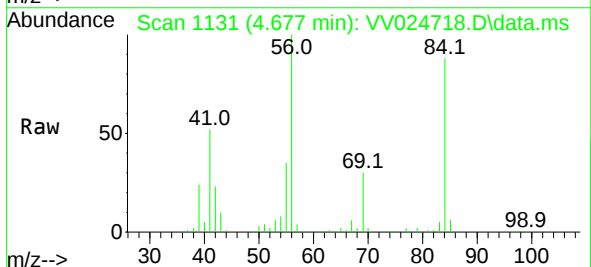
Instrument :
MSVOA_V
ClientSampleId :
VSTD010217

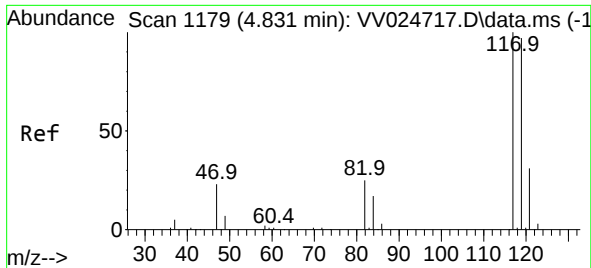
Tgt Ion: 97 Resp: 238635
Ion Ratio Lower Upper
97 100
99 64.4 50.5 75.7
61 44.9 35.8 53.6



#30
Cyclohexane
Concen: 8.944 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

Tgt Ion: 56 Resp: 244110
Ion Ratio Lower Upper
56 100
69 30.8 24.6 37.0
84 90.7 71.4 107.0

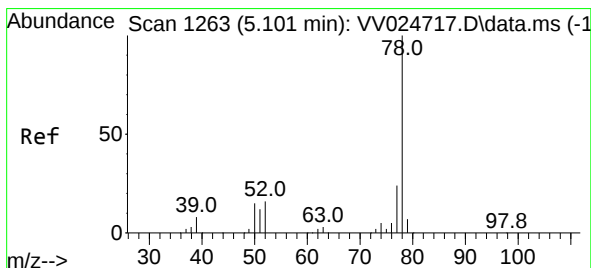
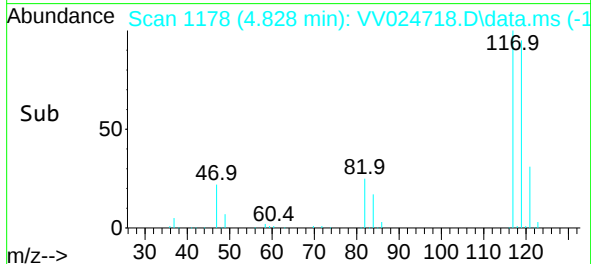
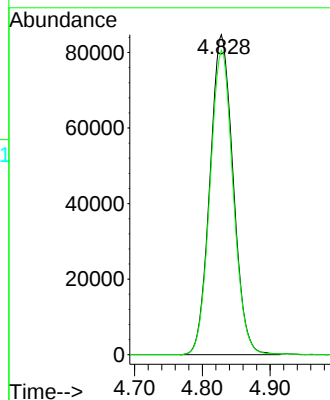
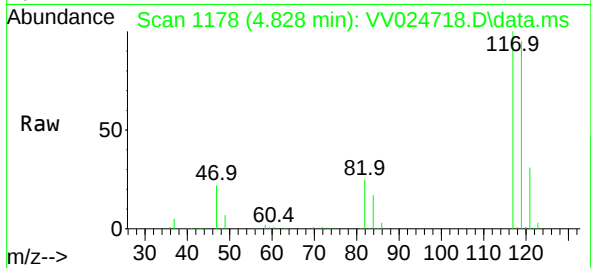




#31
Carbon tetrachloride
Concen: 8.995 ug/L
RT: 4.828 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

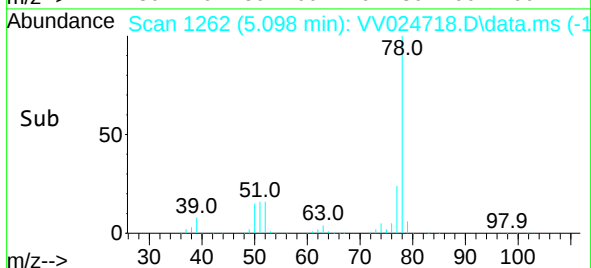
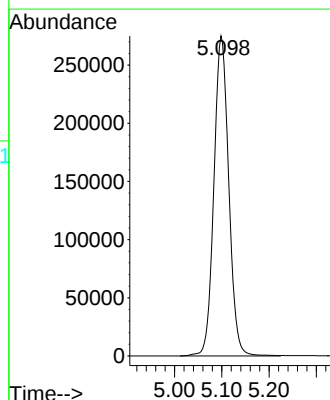
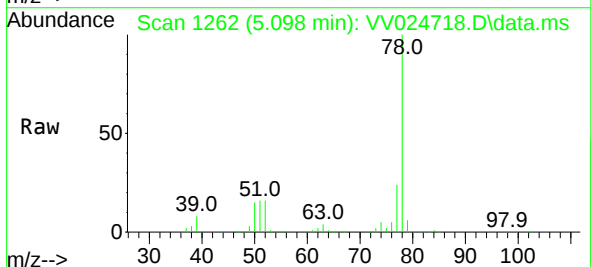
Instrument :
MSVOA_V
ClientSampleId :
VSTD010217

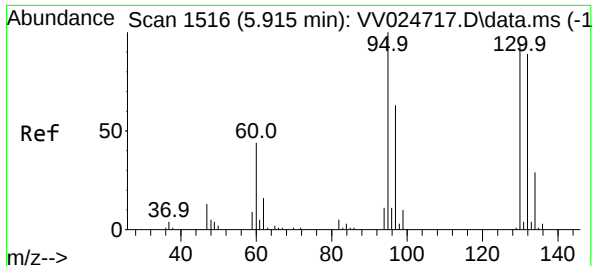
Tgt Ion:117 Resp: 201638
Ion Ratio Lower Upper
117 100
119 94.9 76.6 115.0



#33
Benzene
Concen: 9.432 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

Tgt Ion: 78 Resp: 600785

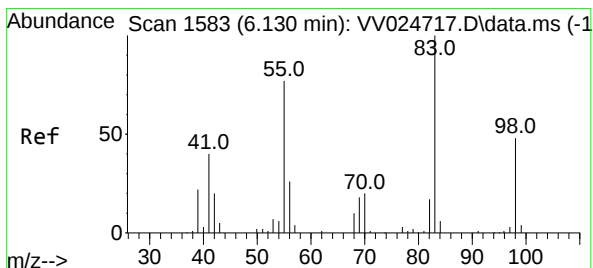
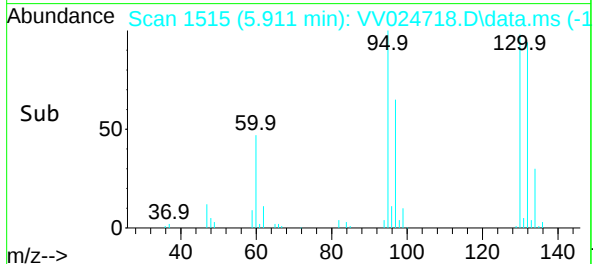
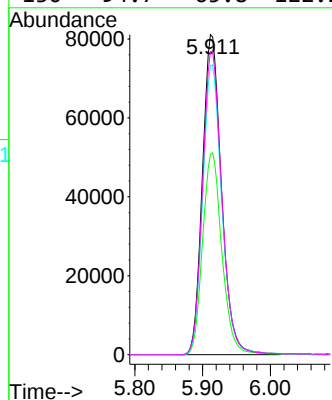
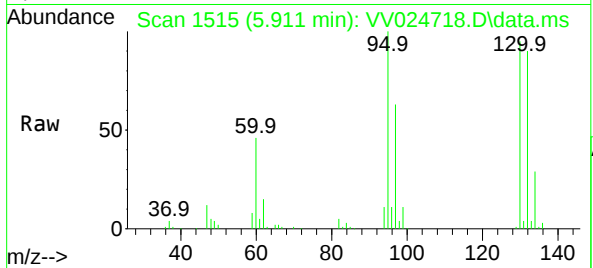




#34
Trichloroethene
Concen: 9.084 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

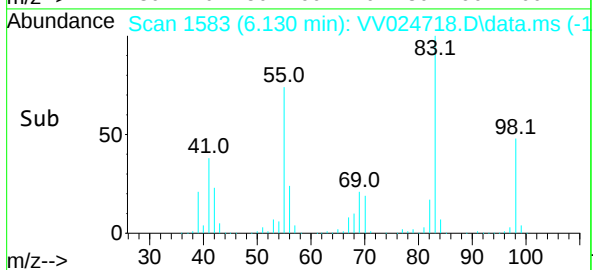
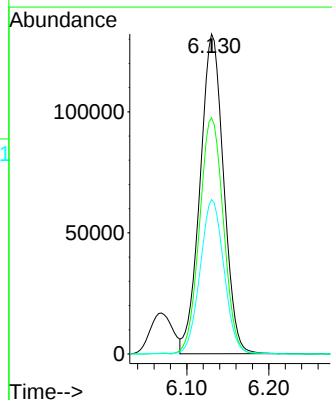
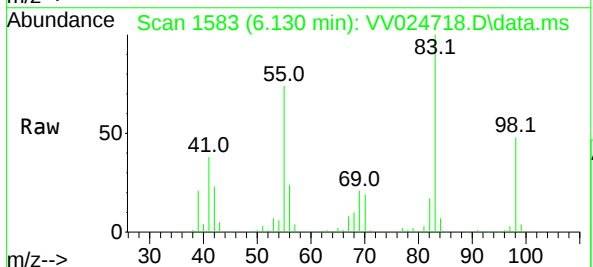
Instrument :
MSVOA_V
ClientSampleId :
VSTD010217

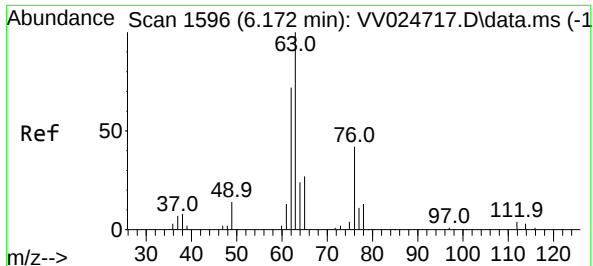
Tgt Ion: 95 Resp: 158199
Ion Ratio Lower Upper
95 100
97 62.6 44.2 82.0
132 90.4 62.1 115.3
130 94.7 65.8 122.2



#35
Methylcyclohexane
Concen: 9.201 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

Tgt Ion: 83 Resp: 263446
Ion Ratio Lower Upper
83 100
55 75.0 58.8 88.2
98 49.0 38.6 58.0





#37

1,2-Dichloropropane

Concen: 9.526 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. -0.000 min

Lab File: VV024718.D

Acq: 17 Feb 2022 13:06

Instrument :

MSVOA_V

ClientSampleId :

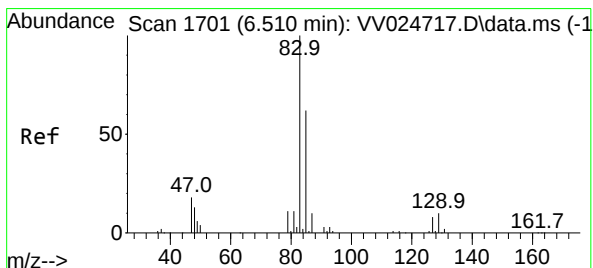
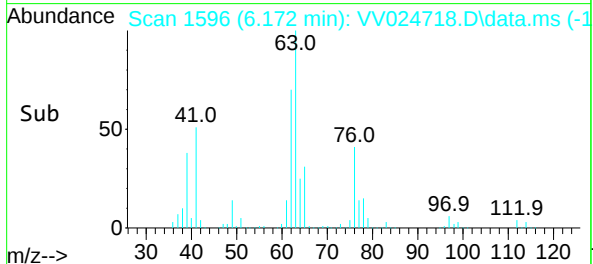
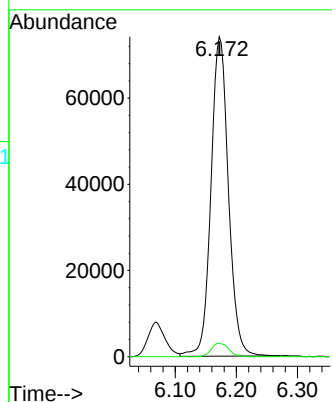
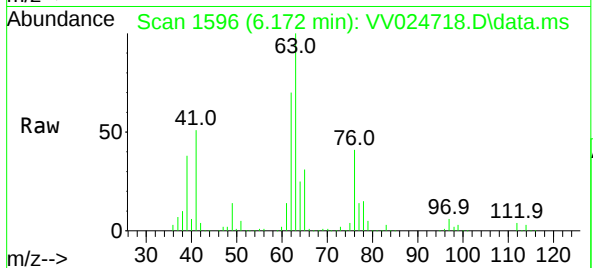
VSTD010217

Tgt Ion: 63 Resp: 146998

Ion Ratio Lower Upper

63 100

112 4.2 3.8 5.6



#38

Bromodichloromethane

Concen: 8.971 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV024718.D

Acq: 17 Feb 2022 13:06

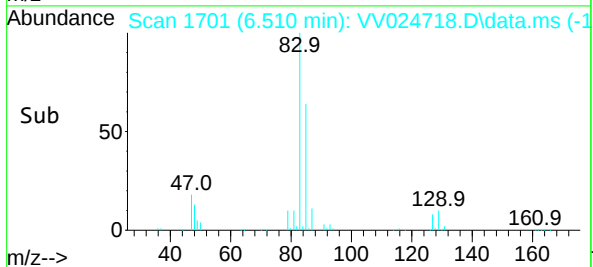
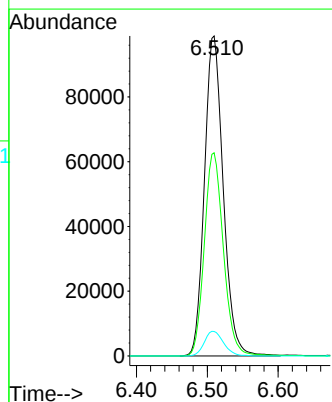
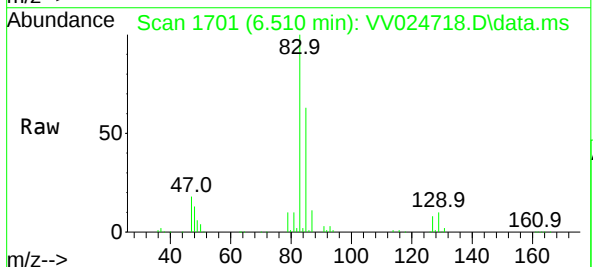
Tgt Ion: 83 Resp: 182411

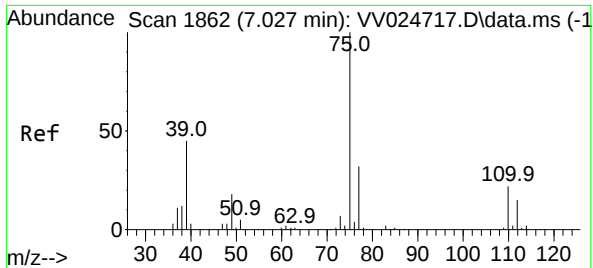
Ion Ratio Lower Upper

83 100

85 63.5 43.5 80.9

127 7.7 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 9.087 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV024718.D

Acq: 17 Feb 2022 13:06

Instrument :

MSVOA_V

ClientSampleId :

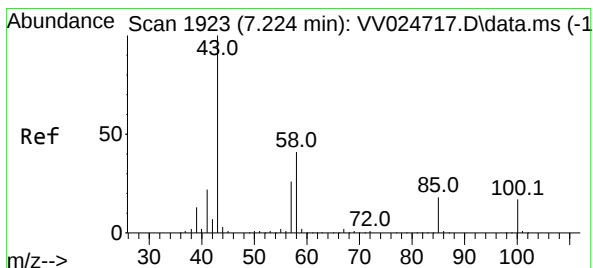
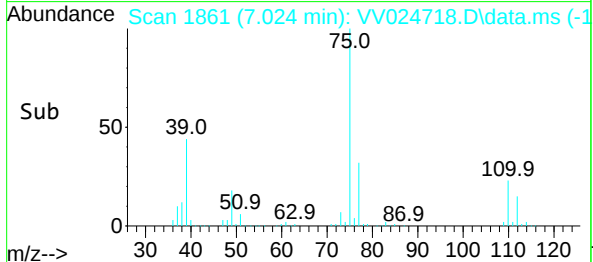
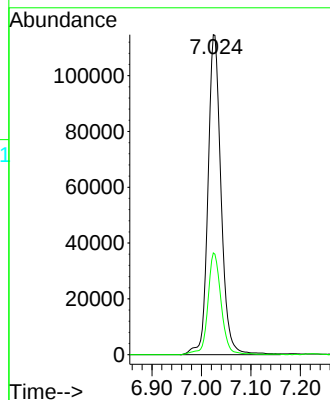
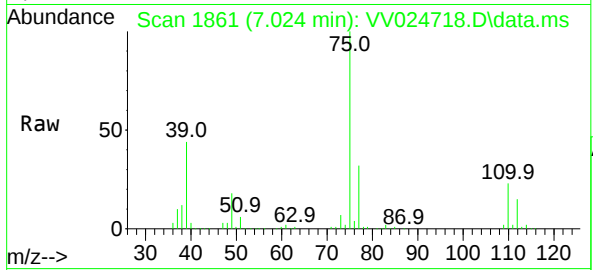
VSTD010217

Tgt Ion: 75 Resp: 209835

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 89.933 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV024718.D

Acq: 17 Feb 2022 13:06

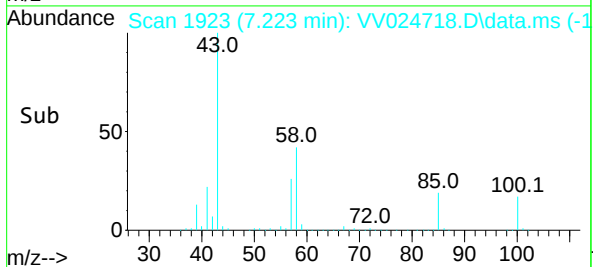
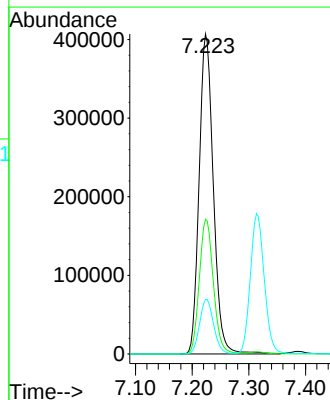
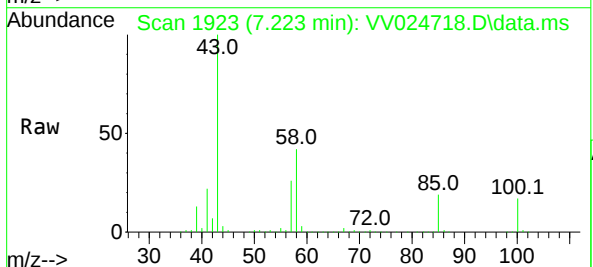
Tgt Ion: 43 Resp: 707358

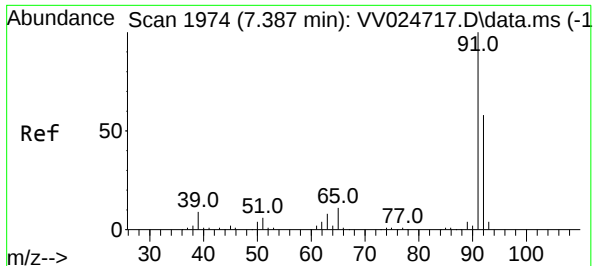
Ion Ratio Lower Upper

43 100

58 41.7 33.0 49.6

100 16.9 13.3 19.9





#42

Toluene

Concen: 9.464 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV024718.D

Acq: 17 Feb 2022 13:06

Instrument :

MSVOA_V

ClientSampleId :

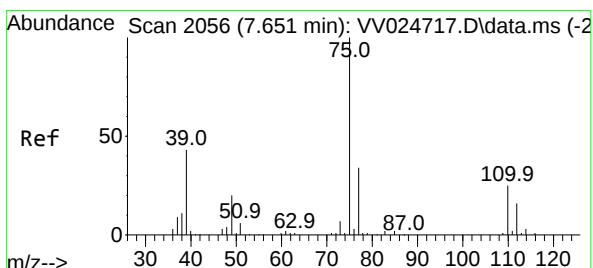
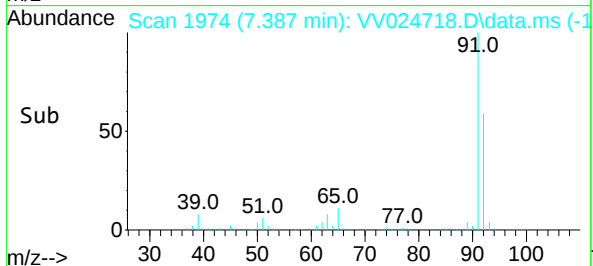
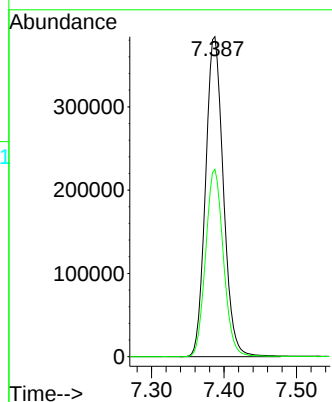
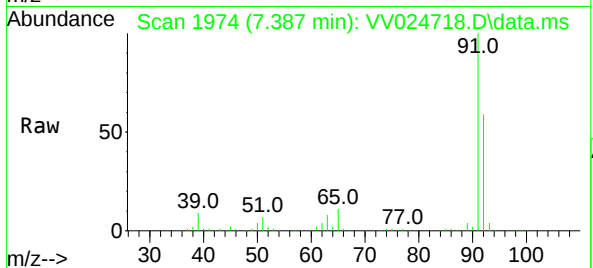
VSTD010217

Tgt Ion: 91 Resp: 655576

Ion Ratio Lower Upper

91 100

92 58.5 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 9.008 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV024718.D

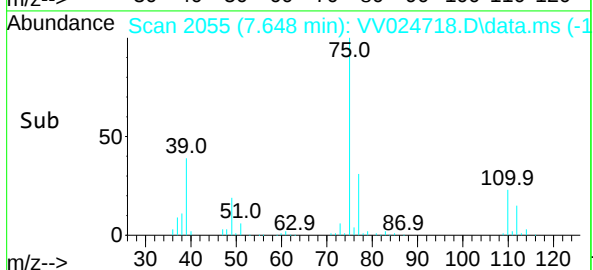
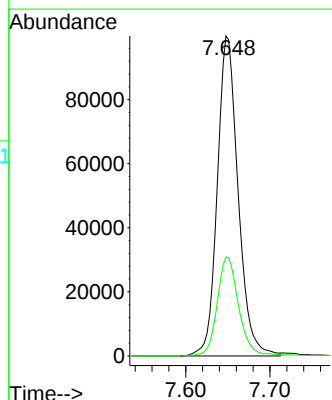
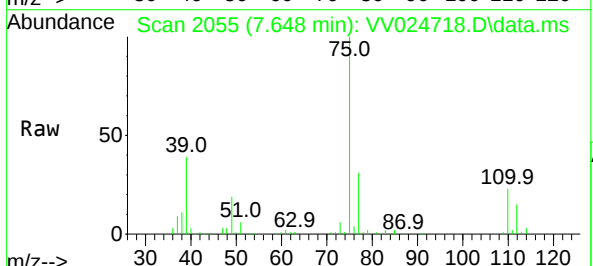
Acq: 17 Feb 2022 13:06

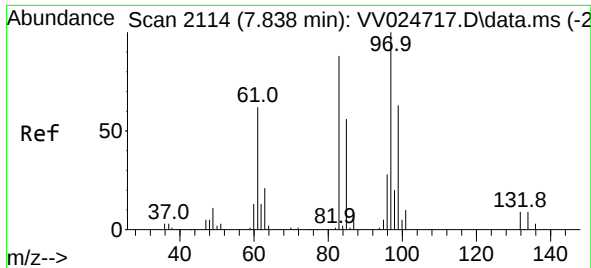
Tgt Ion: 75 Resp: 170916

Ion Ratio Lower Upper

75 100

77 30.9 23.5 43.7

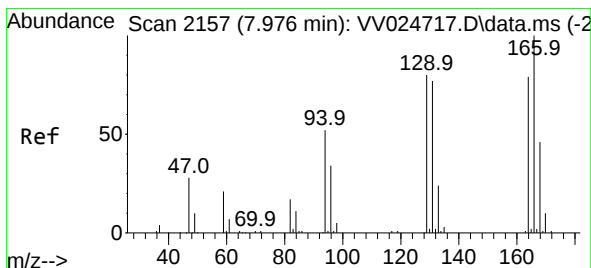
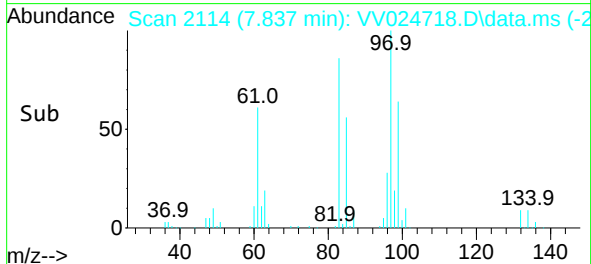
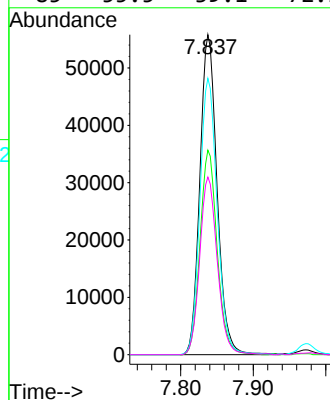
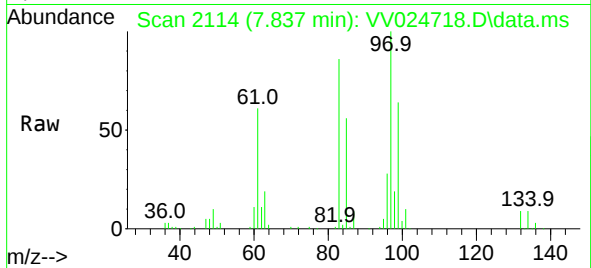




#45
1,1,2-Trichloroethane
Concen: 9.233 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

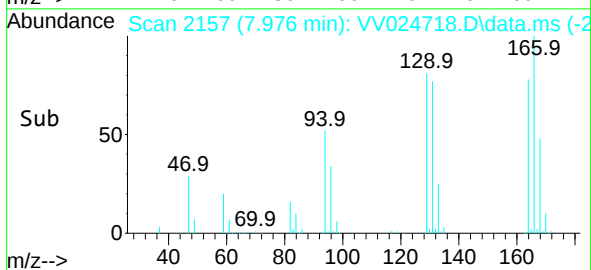
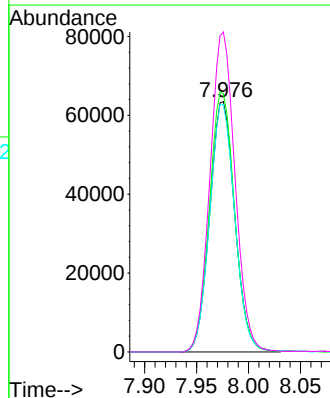
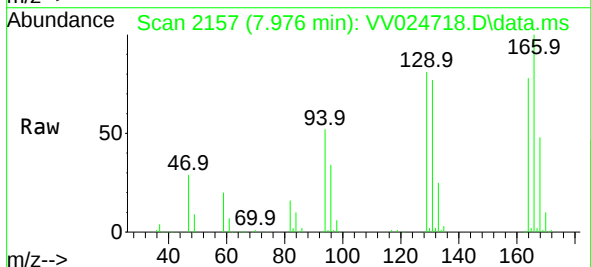
Instrument :
MSVOA_V
ClientSampleId :
VSTD010217

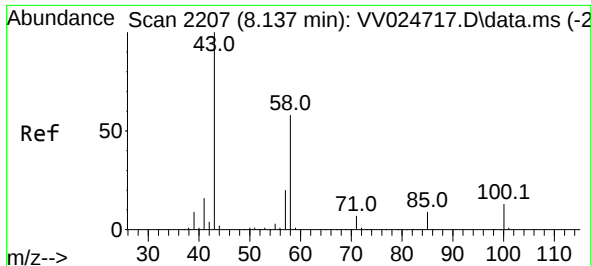
Tgt Ion:	97	Resp:	92147
Ion	Ratio	Lower	Upper
97	100		
99	63.9	43.8	81.3
83	86.4	61.3	113.9
85	55.5	39.1	72.5



#47
Tetrachloroethene
Concen: 9.146 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

Tgt Ion:	164	Resp:	106494
Ion	Ratio	Lower	Upper
164	100		
129	103.1	70.3	130.7
131	98.8	67.7	125.7
166	127.8	88.3	164.1

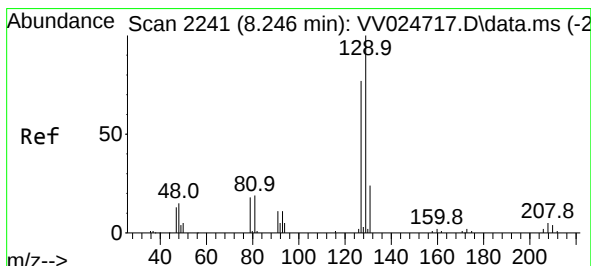
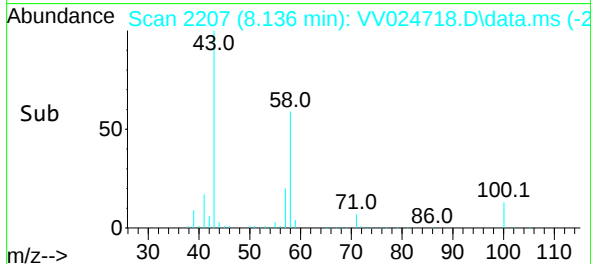
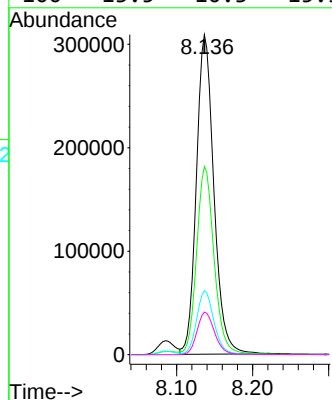
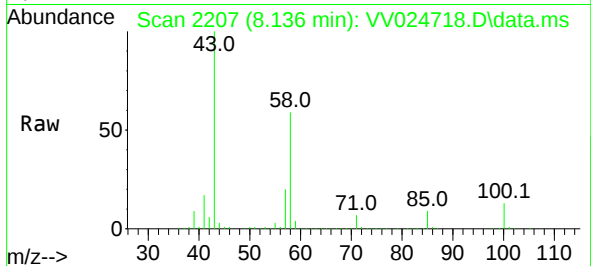




#48
2-Hexanone
Concen: 91.574 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

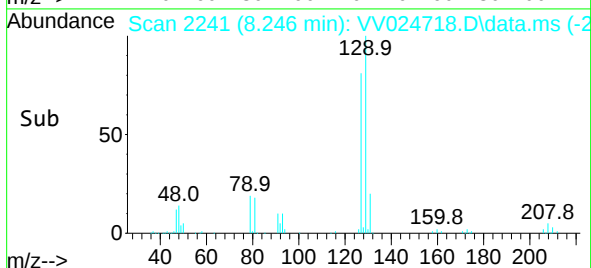
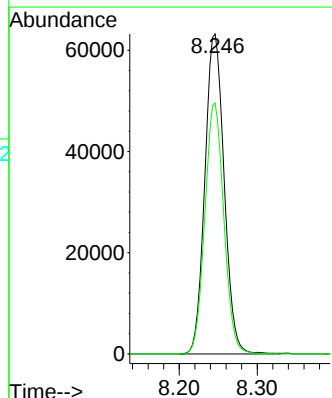
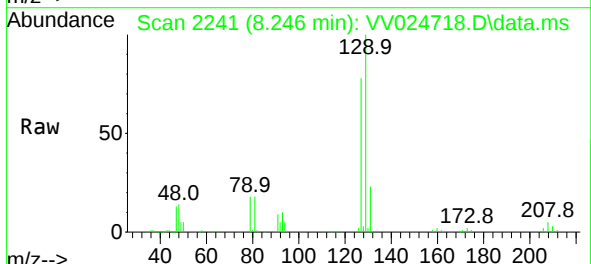
Instrument :
MSVOA_V
ClientSampleId :
VSTD010217

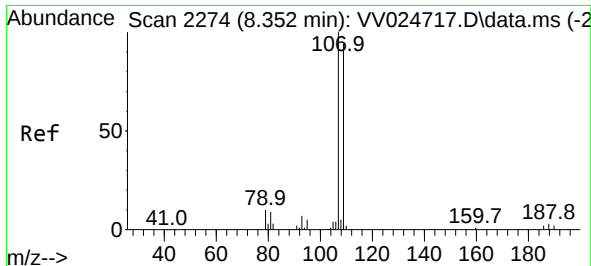
Tgt Ion: 43 Resp: 494099
Ion Ratio Lower Upper
43 100
58 58.6 46.0 69.0
57 20.0 15.7 23.5
100 13.5 10.3 15.5



#49
Dibromochloromethane
Concen: 9.134 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

Tgt Ion: 129 Resp: 108569
Ion Ratio Lower Upper
129 100
127 78.5 53.6 99.6

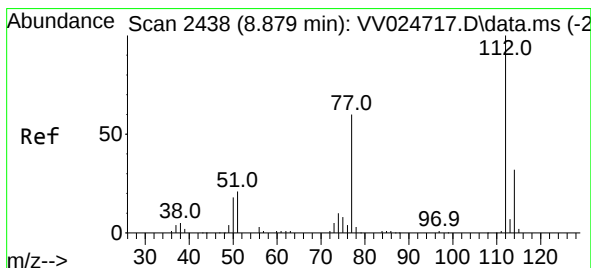
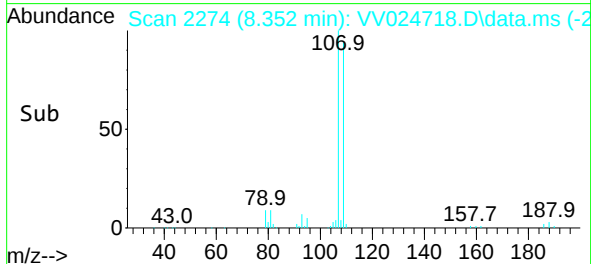
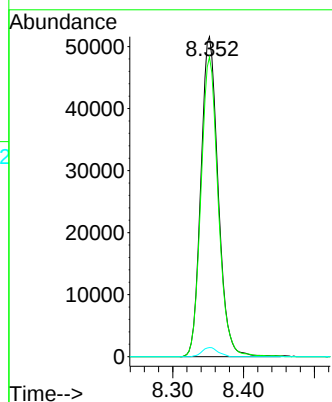
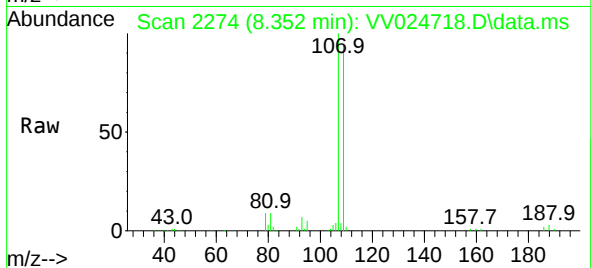




#50
1,2-Dibromoethane
Concen: 9.351 ug/L
RT: 8.352 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

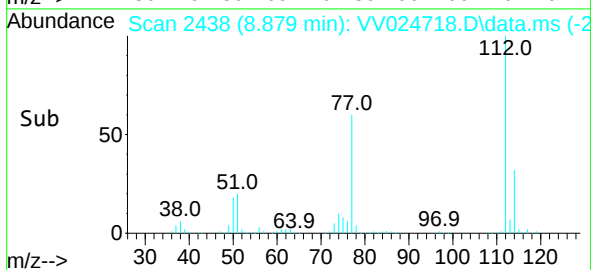
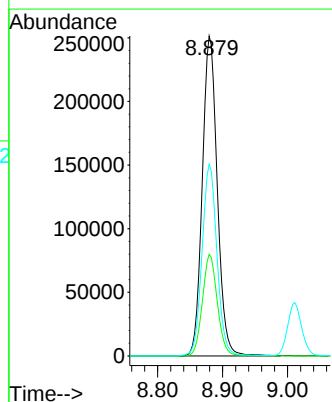
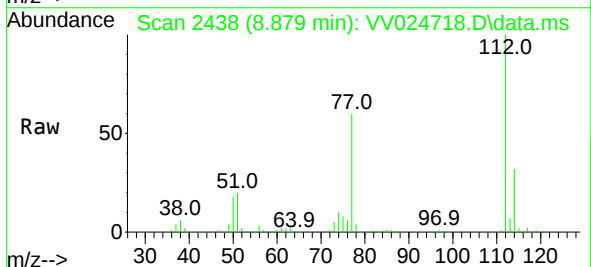
Instrument :
MSVOA_V
ClientSampleId :
VSTD010217

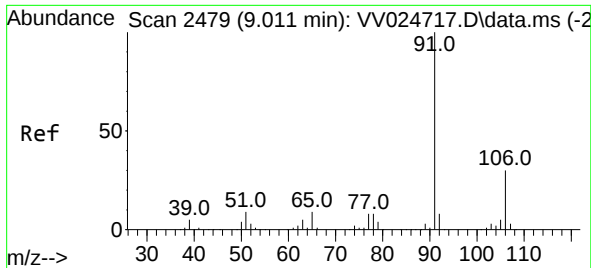
Tgt Ion:107 Resp: 87171
Ion Ratio Lower Upper
107 100
109 93.6 65.6 121.8
188 2.9 2.6 3.8



#51
Chlorobenzene
Concen: 9.521 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.000 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

Tgt Ion:112 Resp: 404585
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.5
77 60.0 48.4 72.6

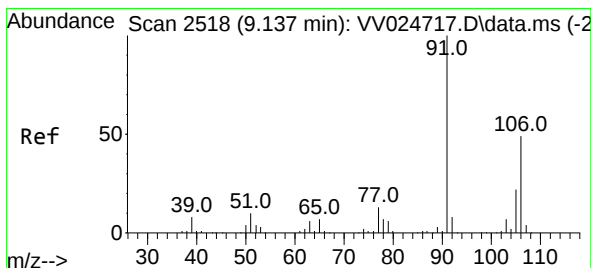
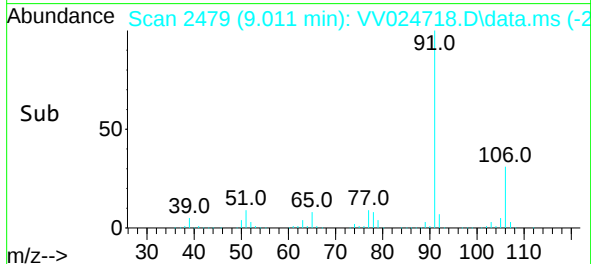
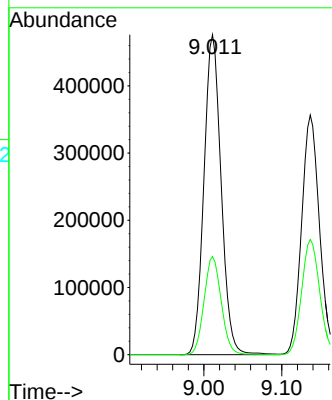
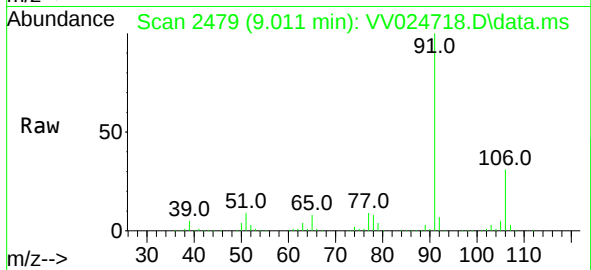




#52
Ethylbenzene
Concen: 9.494 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

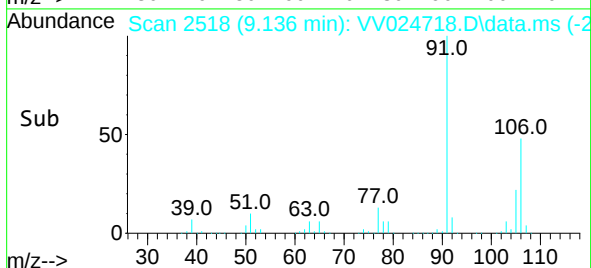
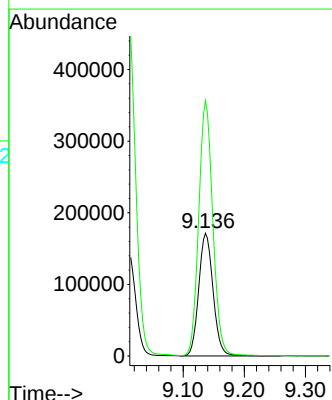
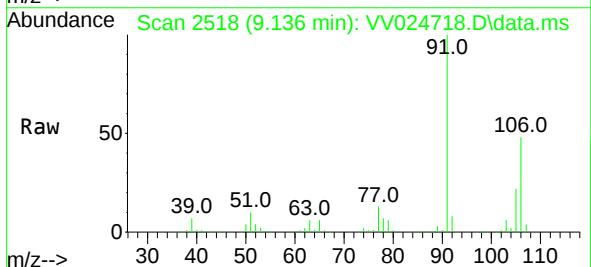
Instrument :
MSVOA_V
ClientSampleId :
VSTD010217

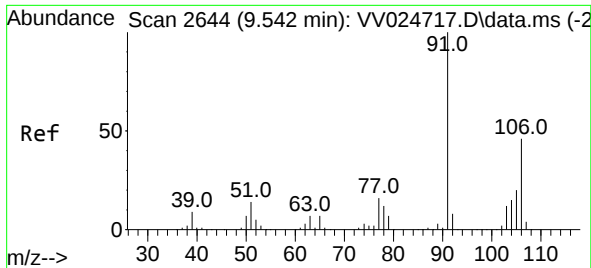
Tgt Ion: 91 Resp: 728926
Ion Ratio Lower Upper
91 100
106 30.7 21.3 39.5



#53
m,p-xylene
Concen: 9.588 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

Tgt Ion: 106 Resp: 278504
Ion Ratio Lower Upper
106 100
91 208.1 143.6 266.6

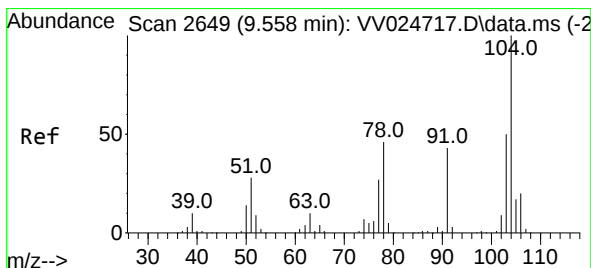
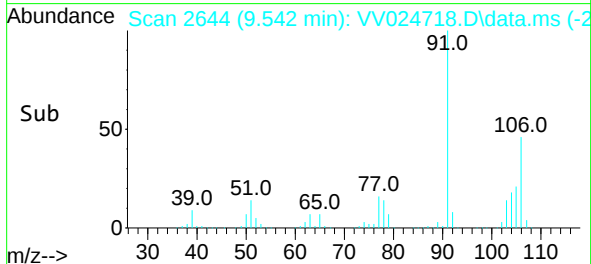
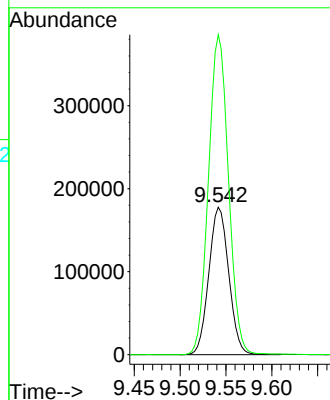
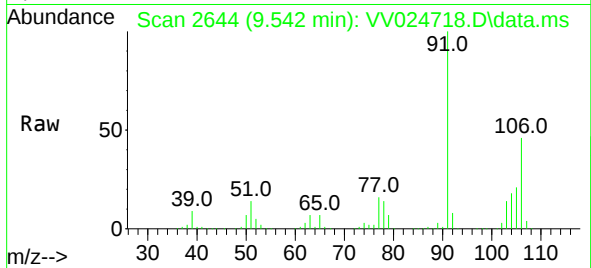




#54
o-xylene
Concen: 9.530 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

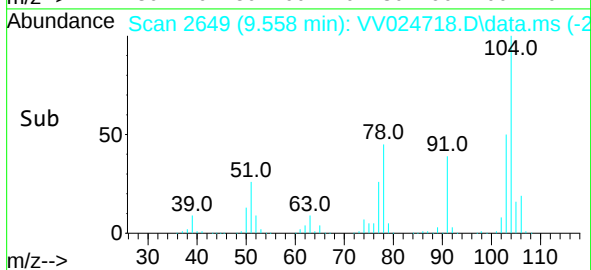
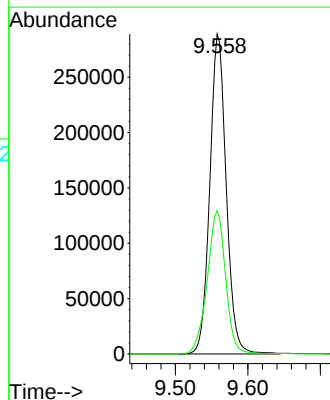
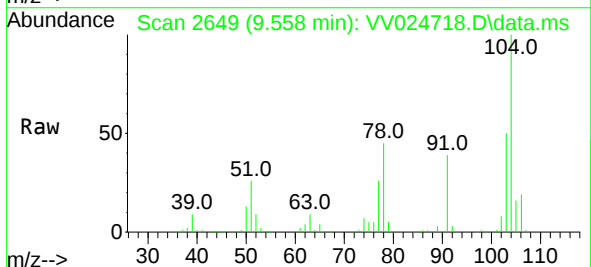
Instrument : MSVOA_V
ClientSampleId : VSTD010217

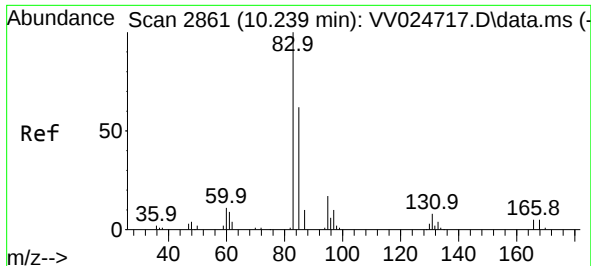
Tgt Ion:106 Resp: 268676
Ion Ratio Lower Upper
106 100
91 216.8 152.2 282.7



#55
Styrene
Concen: 9.803 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

Tgt Ion:104 Resp: 454393
Ion Ratio Lower Upper
104 100
78 44.8 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 9.834 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV024718.D

Acq: 17 Feb 2022 13:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD010217

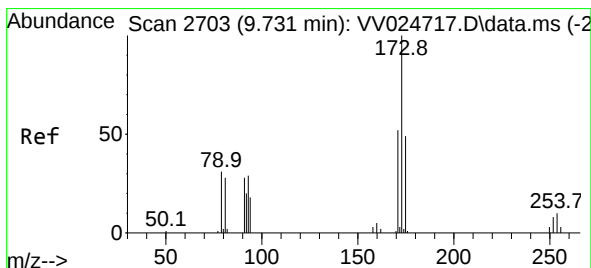
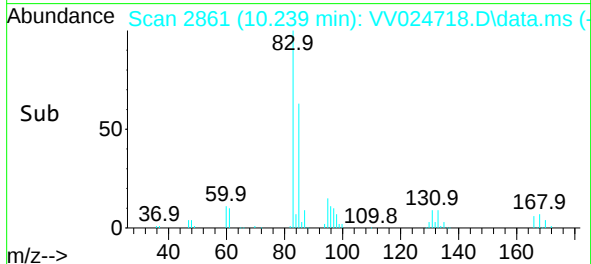
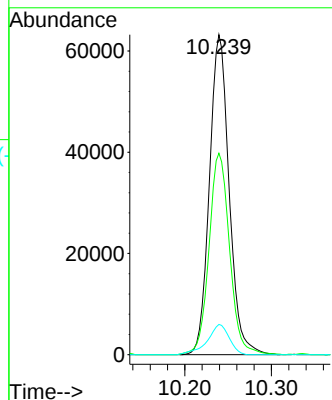
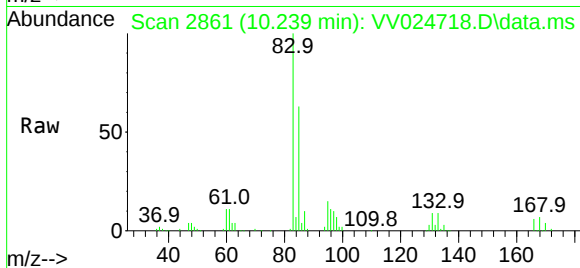
Tgt Ion: 83 Resp: 99989

Ion Ratio Lower Upper

83 100

85 63.0 43.9 81.5

131 9.4 7.0 10.4



#59

Bromoform

Concen: 9.444 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV024718.D

Acq: 17 Feb 2022 13:06

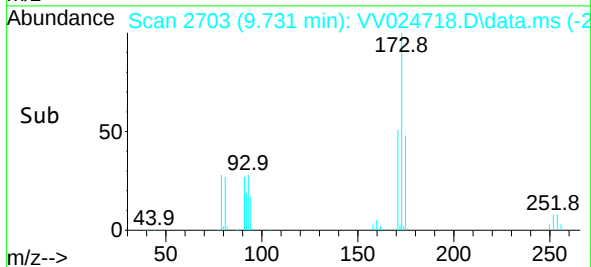
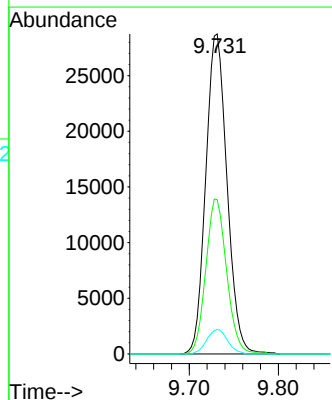
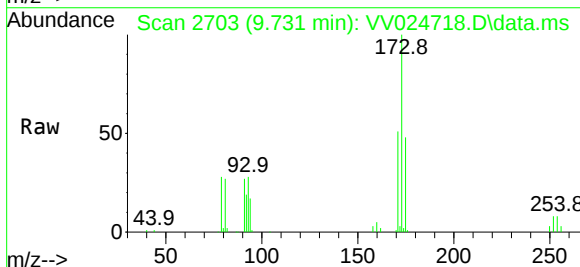
Tgt Ion: 173 Resp: 47591

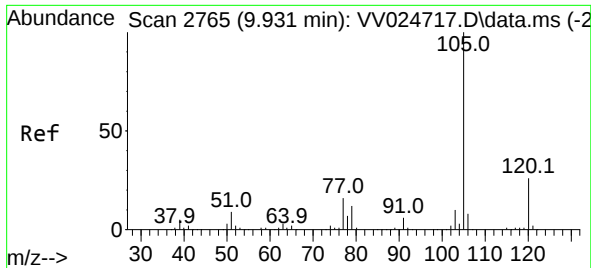
Ion Ratio Lower Upper

173 100

175 47.3 39.4 59.0

254 7.5 7.0 10.4

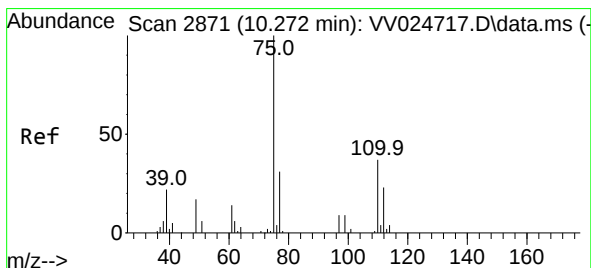
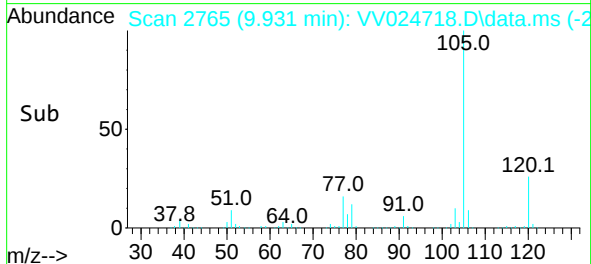
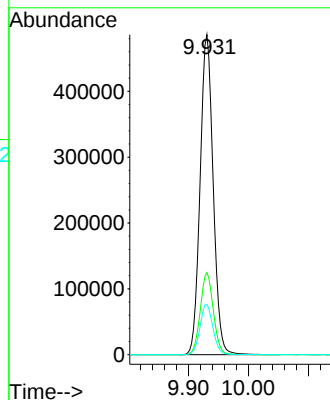
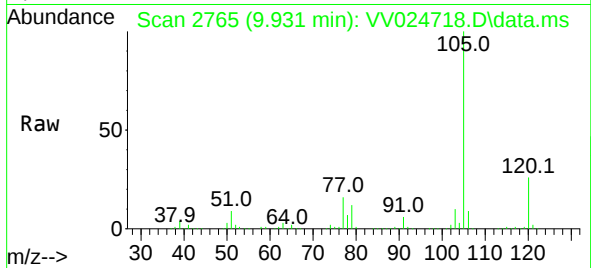




#60
Isopropylbenzene
Concen: 10.061 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

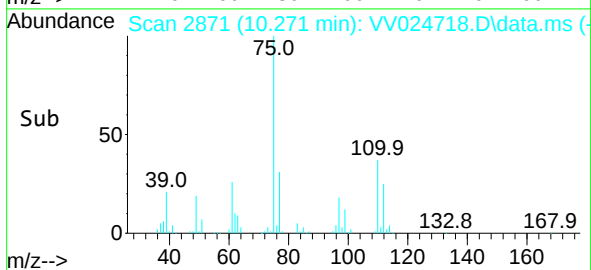
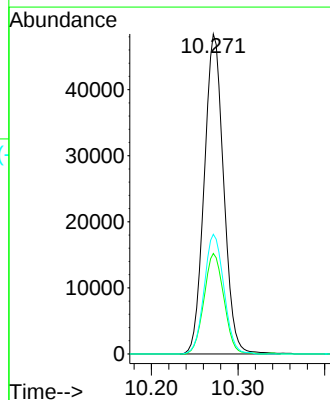
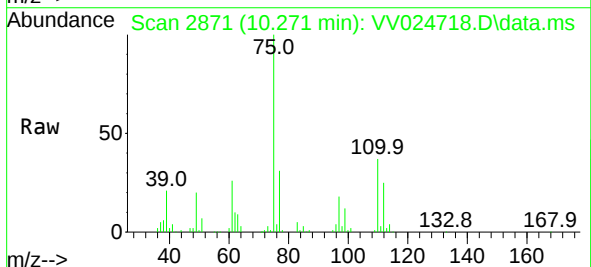
Instrument :
MSVOA_V
ClientSampleId :
VSTD010217

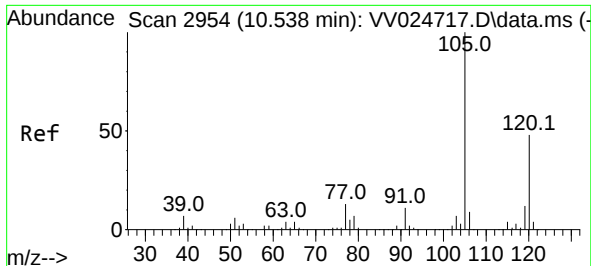
Tgt Ion:105 Resp: 737445
Ion Ratio Lower Upper
105 100
120 25.6 20.7 31.1
77 15.7 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 9.490 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

Tgt Ion: 75 Resp: 75304
Ion Ratio Lower Upper
75 100
77 32.1 26.3 39.5
110 38.1 30.3 45.5





#62

1,3,5-Trimethylbenzene

Concen: 9.934 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV024718.D

Acq: 17 Feb 2022 13:06

Instrument :

MSVOA_V

ClientSampleId :

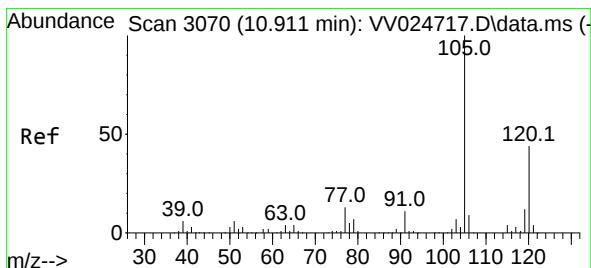
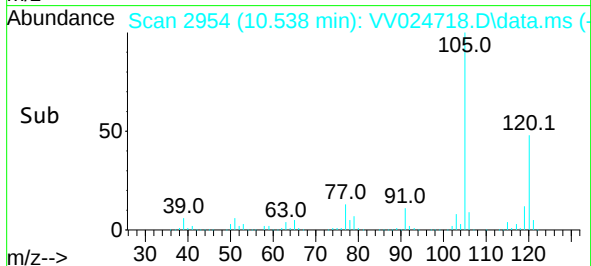
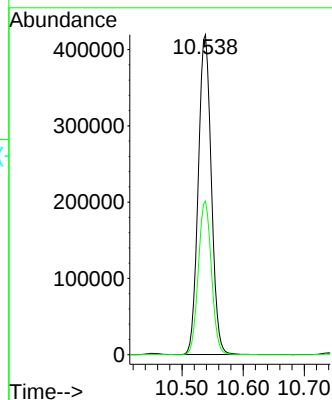
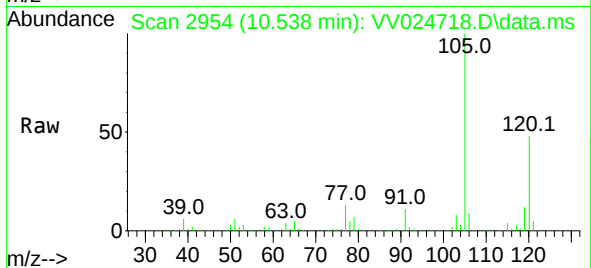
VSTD010217

Tgt Ion:105 Resp: 621573

Ion Ratio Lower Upper

105 100

120 48.3 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 10.015 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024718.D

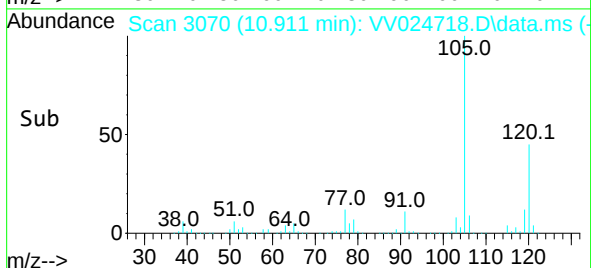
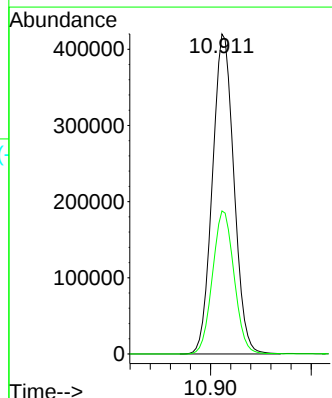
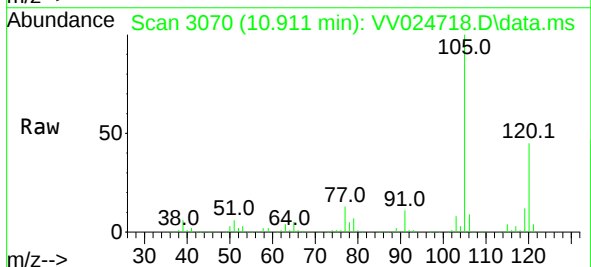
Acq: 17 Feb 2022 13:06

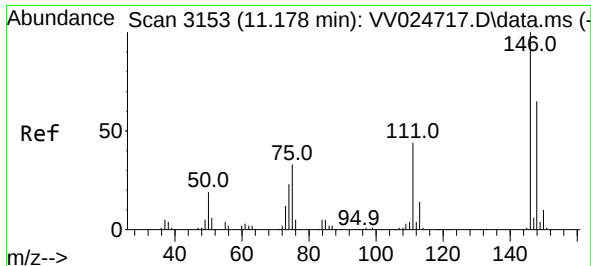
Tgt Ion:105 Resp: 623573

Ion Ratio Lower Upper

105 100

120 45.0 35.9 53.9

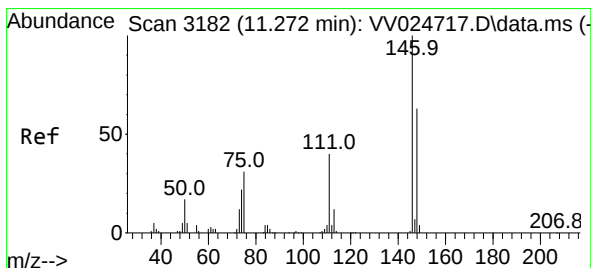
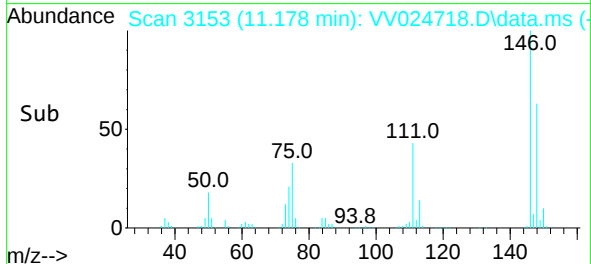
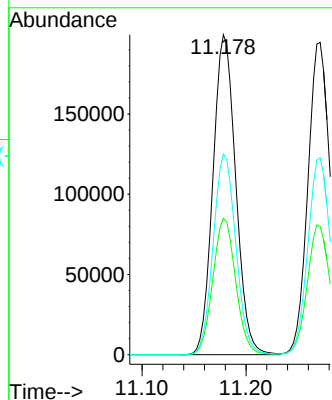
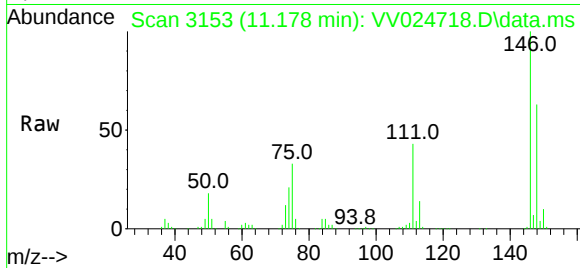




#64
1,3-Dichlorobenzene
Concen: 10.148 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

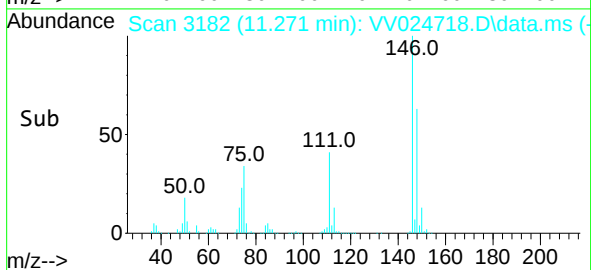
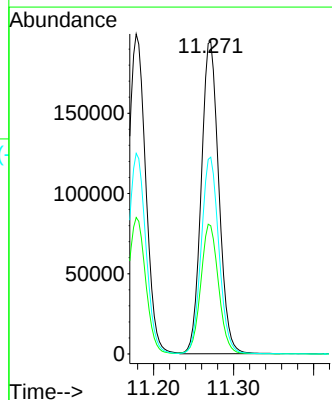
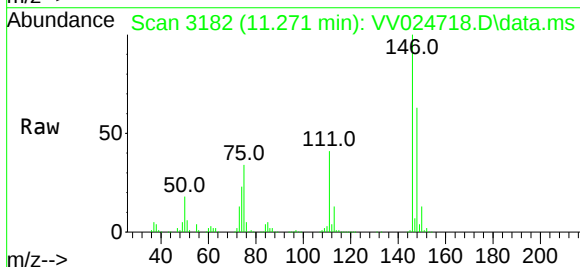
Instrument :
MSVOA_V
ClientSampleId :
VSTD010217

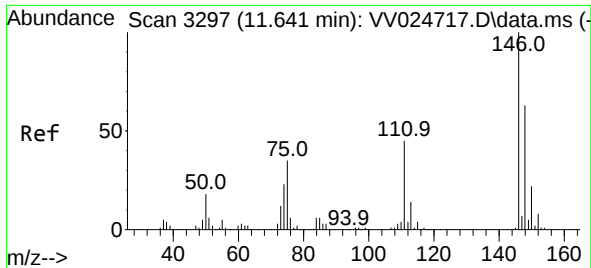
Tgt Ion:146 Resp: 304061
Ion Ratio Lower Upper
146 100
111 42.7 31.0 57.6
148 62.7 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 10.018 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

Tgt Ion:146 Resp: 297853
Ion Ratio Lower Upper
146 100
111 41.0 28.3 52.7
148 63.0 44.0 81.8

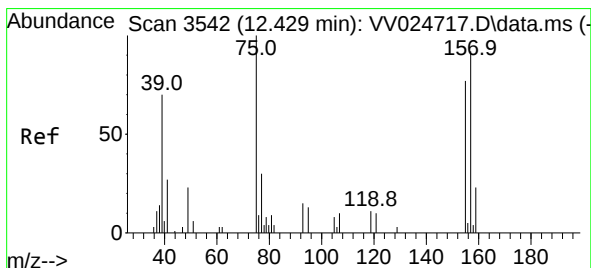
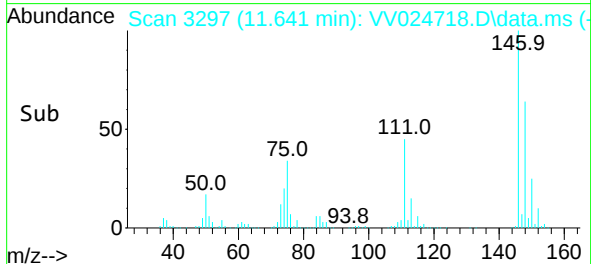
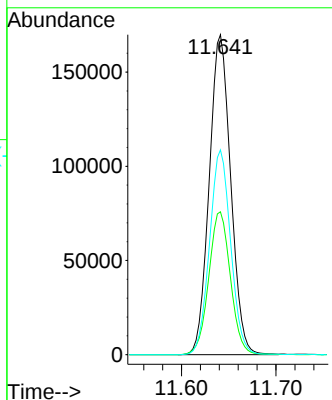
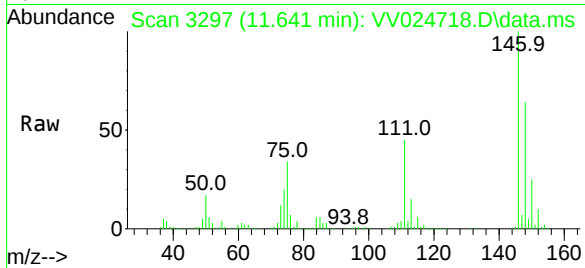




#67
1,2-Dichlorobenzene
Concen: 10.084 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

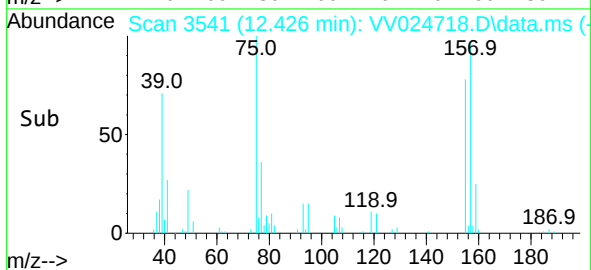
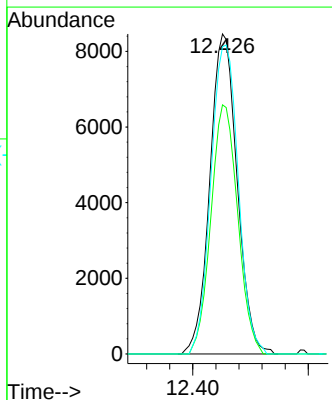
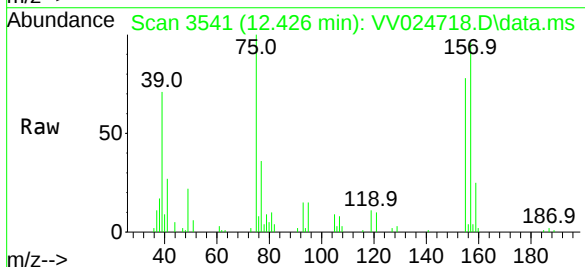
Instrument :
MSVOA_V
ClientSampleId :
VSTD010217

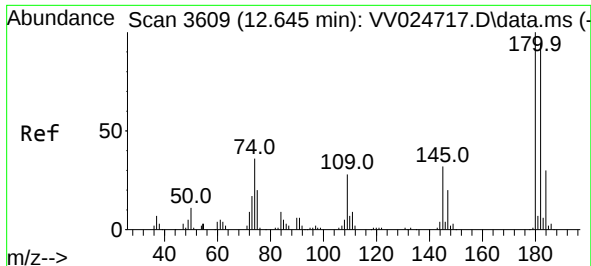
Tgt Ion:146 Resp: 268040
Ion Ratio Lower Upper
146 100
111 44.7 36.0 54.0
148 64.0 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 9.038 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

Tgt Ion: 75 Resp: 13880
Ion Ratio Lower Upper
75 100
155 77.8 61.7 92.5
157 96.0 73.5 110.3

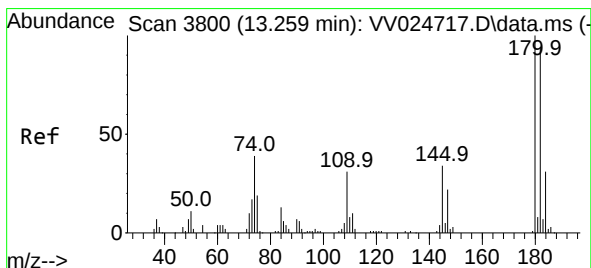
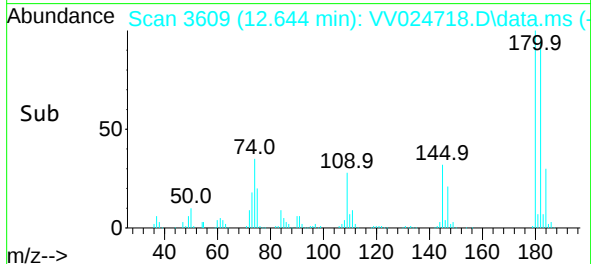
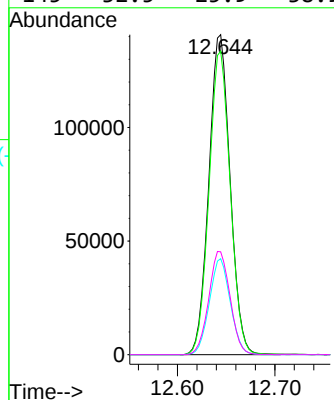
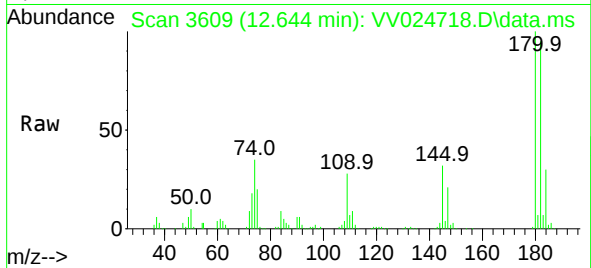




#69
 1,3,5-Trichlorobenzene
 Concen: 10.043 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV024718.D
 Acq: 17 Feb 2022 13:06

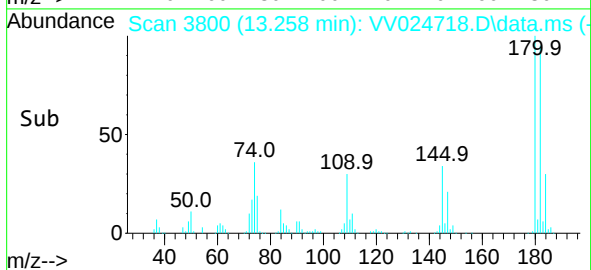
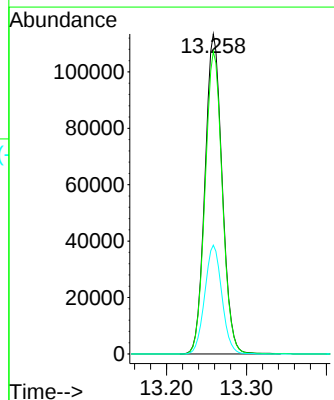
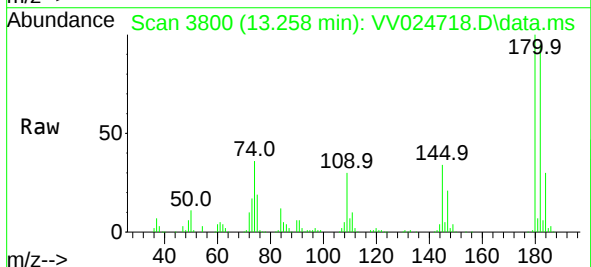
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010217

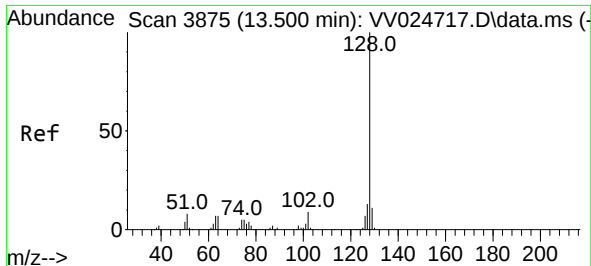
Tgt Ion:180 Resp: 213609
 Ion Ratio Lower Upper
 180 100
 182 94.6 74.6 111.8
 184 29.6 23.8 35.8
 145 32.5 25.9 38.9



#70
 1,2,4-trichlorobenzene
 Concen: 9.948 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV024718.D
 Acq: 17 Feb 2022 13:06

Tgt Ion:180 Resp: 169356
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.0 112.6
 145 33.9 26.9 40.3

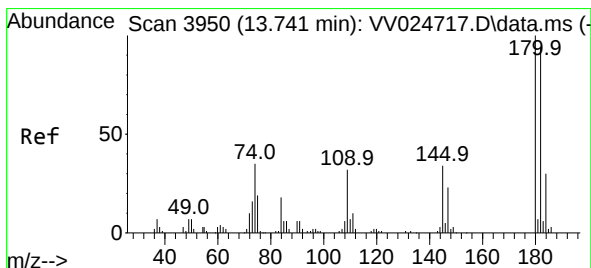
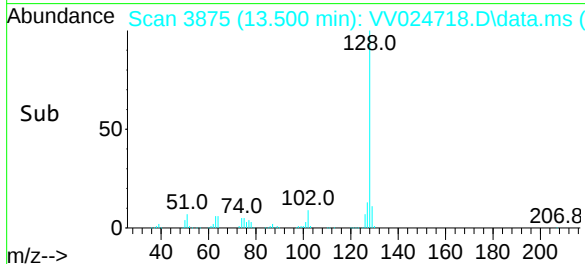
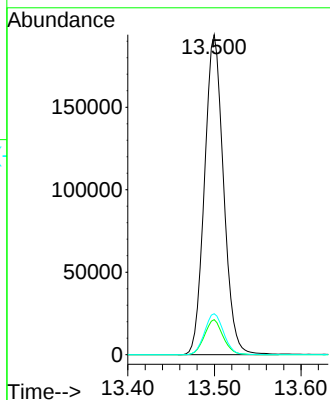
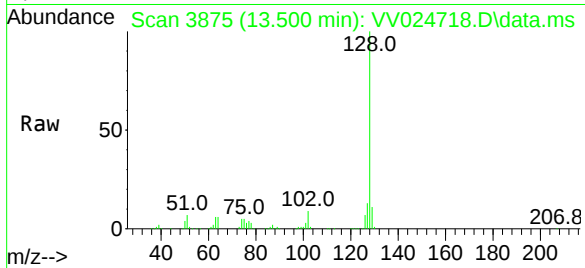




#71
Naphthalene
Concen: 9.688 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

Instrument :
MSVOA_V
ClientSampleId :
VSTD010217

Tgt Ion:128 Resp: 295709
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.9 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 9.861 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV024718.D
Acq: 17 Feb 2022 13:06

Tgt Ion:180 Resp: 141296
Ion Ratio Lower Upper
180 100
182 93.6 75.6 113.4
145 34.6 28.5 42.7

