

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092122\
 Data File : VW028060.D
 Acq On : 22 Sep 2022 13:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050348

Quant Time: Sep 22 13:40:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 22 05:25:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	366956	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	353122	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	192930	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	148104	45.974	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.940%
7) Chloroethane-d5	1.561	69	121259	47.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.240%
11) 1,1-Dichloroethene-d2	2.101	63	271374	47.551	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.100%
21) 2-Butanone-d5	3.883	46	238494	124.500	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.500%
24) Chloroform-d	4.342	84	279682	51.711	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.420%
26) 1,2-Dichloroethane-d4	5.027	65	176491	50.353	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.700%
32) Benzene-d6	5.043	84	546443	53.689	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.380%
36) 1,2-Dichloropropane-d6	6.066	67	170352	54.202	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.400%
41) Toluene-d8	7.313	98	489920	52.564	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.120%
43) trans-1,3-Dichloroprop...	7.619	79	82377	52.414	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.820%
47) 2-Hexanone-d5	8.088	63	180510	117.239	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.240%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	251133	54.288	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.580%
66) 1,2-Dichlorobenzene-d4	11.622	152	193247	51.599	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	131651	47.440	ug/L	98
3) Chloromethane	1.236	50	155157	47.865	ug/L	98
5) Vinyl chloride	1.304	62	168065	50.993	ug/L	100
6) Bromomethane	1.516	94	107441	49.935	ug/L	98
8) Chloroethane	1.577	64	104519	50.074	ug/L	99
9) Trichlorofluoromethane	1.744	101	245506	50.567	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	137537	51.638	ug/L	99
12) 1,1-Dichloroethene	2.111	96	131608	49.431	ug/L	84
13) Acetone	2.172	43	165381	96.874	ug/L	100
14) Carbon disulfide	2.285	76	344595	48.912	ug/L	100
15) Methyl Acetate	2.429	43	163623	55.485	ug/L	100
16) Methylene chloride	2.500	84	151356	48.486	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	129299	51.027	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	420965	52.922	ug/L	100
19) 1,1-Dichloroethane	3.185	63	269150	54.984	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	149616	52.939	ug/L	93
22) 2-Butanone	3.969	43	260446	128.156	ug/L	97
23) Bromochloromethane	4.243	128	80020	52.464	ug/L	92
25) Chloroform	4.371	83	278748	53.338	ug/L	98

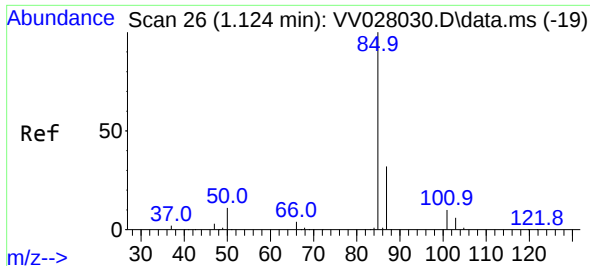
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 Quant Title : VOC Analysis
 QLast Update : Thu Sep 22 05:25:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	212705	52.480	ug/L	97
29) Cyclohexane	4.670	56	214459	55.634	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	238255	54.809	ug/L	100
31) Carbon tetrachloride	4.822	117	205609	53.260	ug/L	99
33) Benzene	5.095	78	592108	56.203	ug/L	100
34) Trichloroethene	5.912	95	141714	54.283	ug/L	99
35) Methylcyclohexane	6.127	83	229492	54.465	ug/L	99
37) 1,2-Dichloropropane	6.172	63	156346	56.573	ug/L	99
38) Bromodichloromethane	6.506	83	205103	53.151	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	214245	51.194	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	455374	115.531	ug/L	100
42) Toluene	7.384	91	600967	53.831	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	226521	54.258	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	152073	54.546	ug/L	97
46) Tetrachloroethene	7.973	164	115791	53.310	ug/L	98
48) 2-Hexanone	8.137	43	393145	122.943	ug/L	100
49) Dibromochloromethane	8.243	129	164467	53.438	ug/L	94
50) 1,2-Dibromoethane	8.349	107	155482	54.381	ug/L	98
51) Chlorobenzene	8.879	112	388958	52.190	ug/L	99
52) Ethylbenzene	9.011	91	643748	53.413	ug/L	99
53) m,p-Xylene	9.136	106	249266	53.941	ug/L	99
54) o-Xylene	9.542	106	245851	55.140	ug/L	98
55) Styrene	9.558	104	447133	56.514	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	256357	54.822	ug/L	98
59) Bromoform	9.728	173	123074	55.126	ug/L	98
60) Isopropylbenzene	9.927	105	645530	56.574	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	206192	56.935	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	538500	55.188	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	527844	54.244	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	305772	52.578	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	312242	52.404	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	313136	52.989	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	60537	54.397	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	233743	51.254	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	208005	50.897	ug/L	97
71) Naphthalene	13.500	128	705057	53.737	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	224784	53.254	ug/L	99

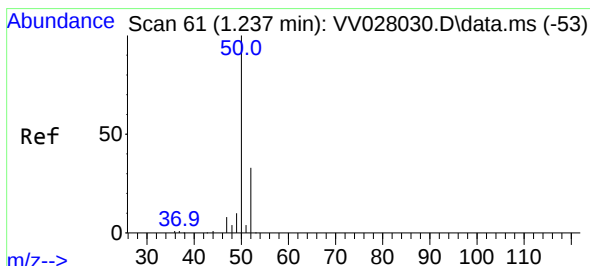
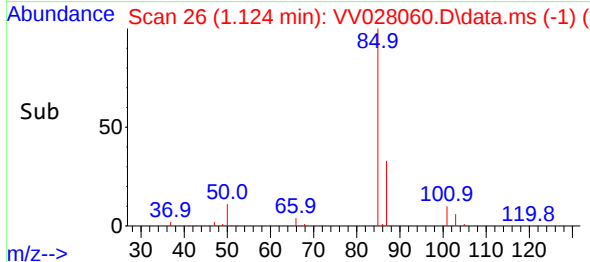
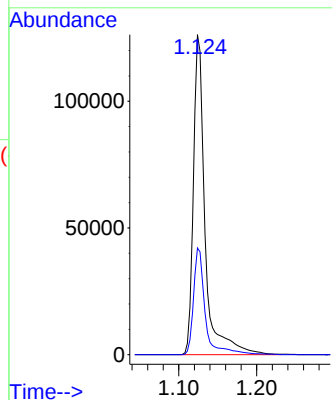
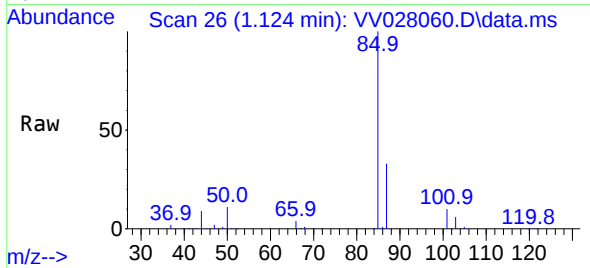
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#2
 Dichlorodifluoromethane
 Concen: 47.440 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: VV028060.D
 Acq: 22 Sep 2022 13:04

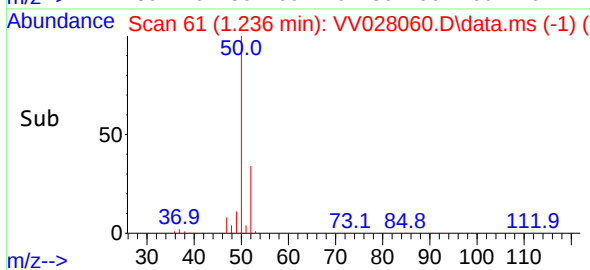
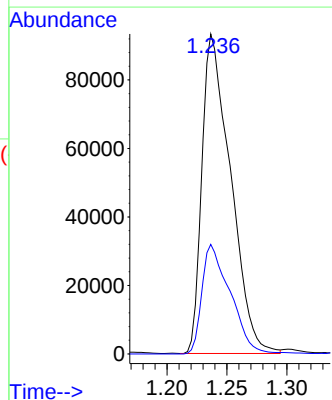
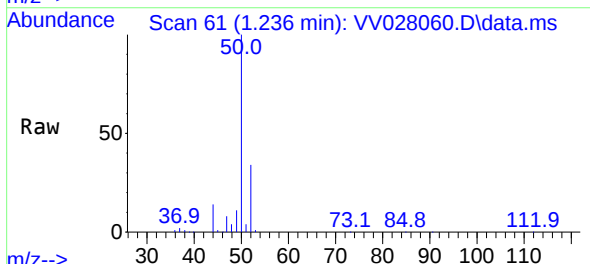
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050348

Tgt Ion: 85 Resp: 131651
 Ion Ratio Lower Upper
 85 100
 87 33.6 25.8 38.8

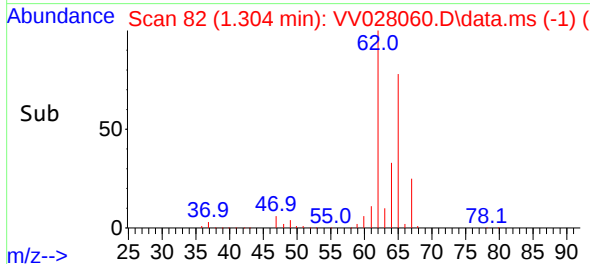
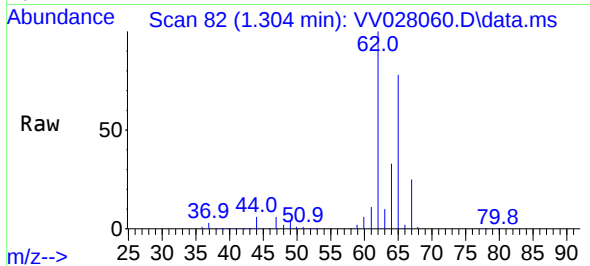
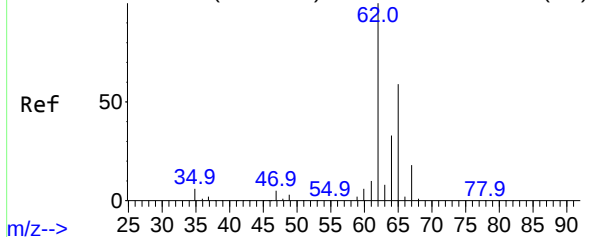


#3
 Chloromethane
 Concen: 47.865 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV028060.D
 Acq: 22 Sep 2022 13:04

Tgt Ion: 50 Resp: 155157
 Ion Ratio Lower Upper
 50 100
 52 34.3 23.2 43.0



Abundance Scan 82 (1.304 min): VV028030.D\data.ms (-74)



#5

Vinyl chloride

Concen: 50.993 ug/L

RT: 1.304 min Scan# 81

Delta R.T. -0.000 min

Lab File: VV028060.D

Acq: 22 Sep 2022 13:04

Instrument :

MSVOA_V

ClientSampleId :

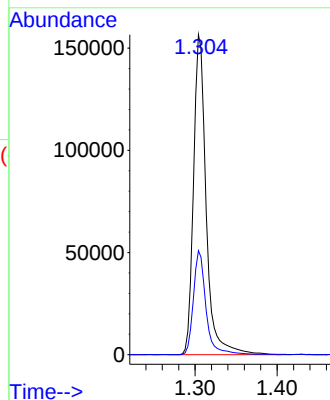
VSTD050348

Tgt Ion: 62 Resp: 168065

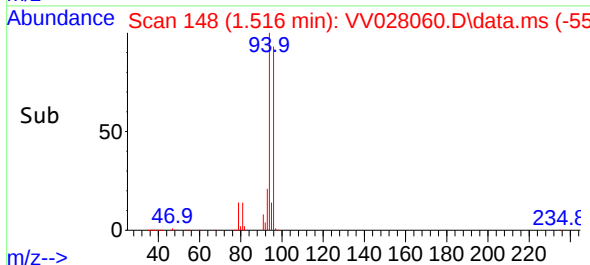
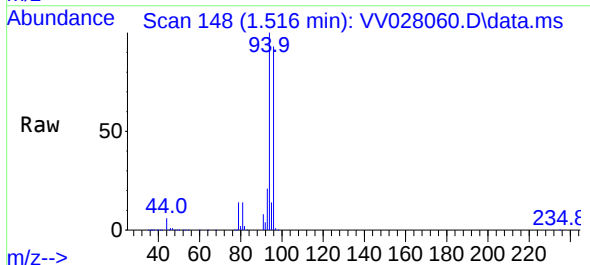
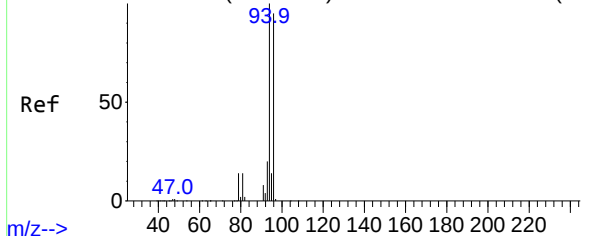
Ion Ratio Lower Upper

62 100

64 32.5 22.7 42.3



Abundance Scan 148 (1.516 min): VV028030.D\data.ms (-13)



#6

Bromomethane

Concen: 49.935 ug/L

RT: 1.516 min Scan# 148

Delta R.T. -0.000 min

Lab File: VV028060.D

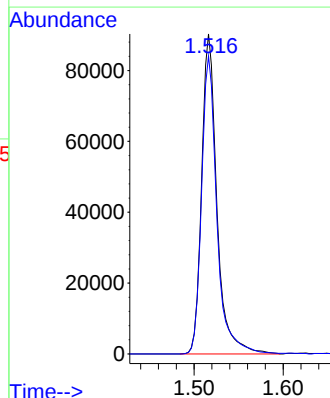
Acq: 22 Sep 2022 13:04

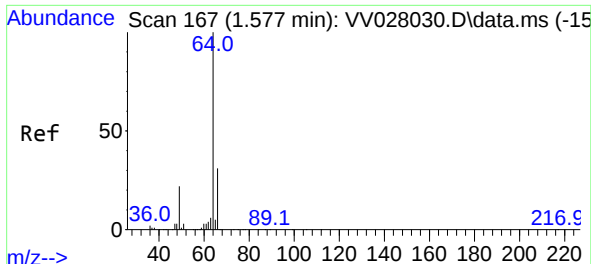
Tgt Ion: 94 Resp: 107441

Ion Ratio Lower Upper

94 100

96 93.1 66.4 123.2

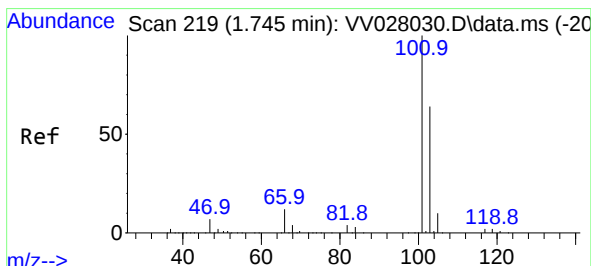
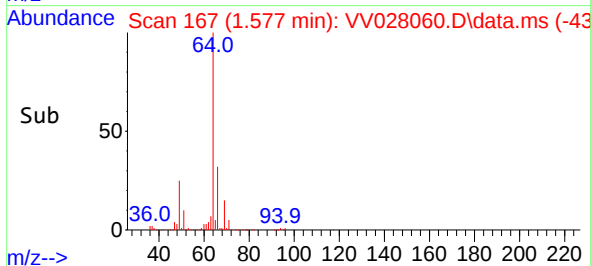
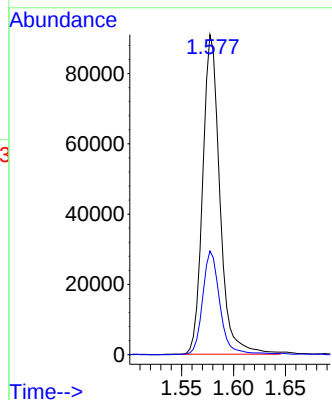
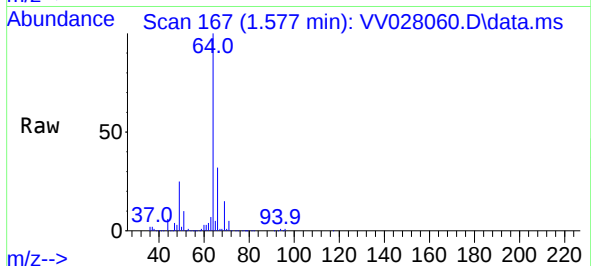




#8
Chloroethane
Concen: 50.074 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

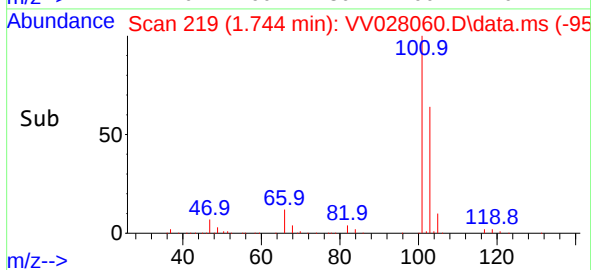
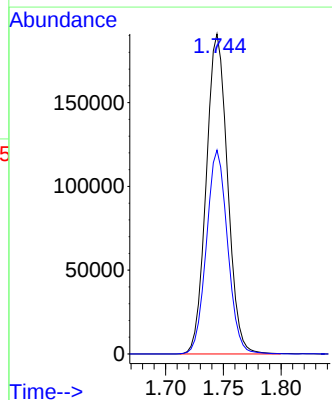
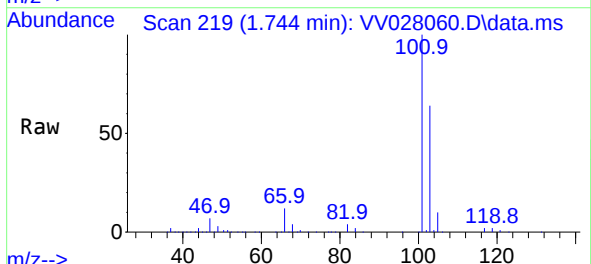
Instrument :
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ClientSampleId :
VSTD050348

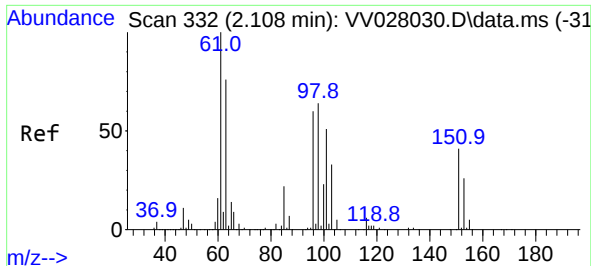
Tgt Ion: 64 Resp: 104519
Ion Ratio Lower Upper
64 100
66 32.4 23.2 43.2



#9
Trichlorofluoromethane
Concen: 50.567 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.000 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

Tgt Ion:101 Resp: 245506
Ion Ratio Lower Upper
101 100
103 63.2 51.3 76.9

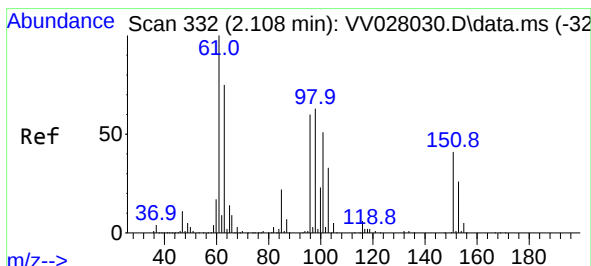
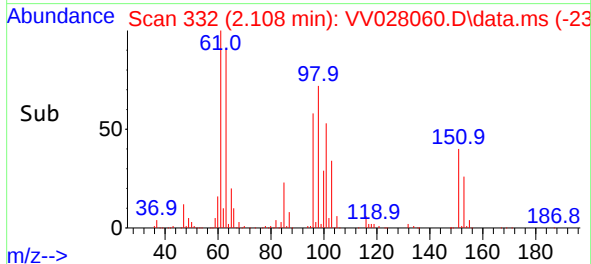
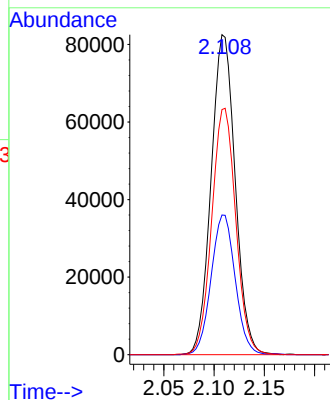
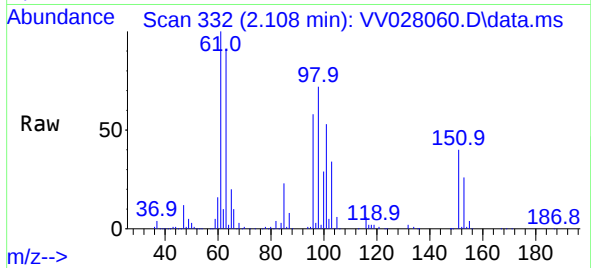




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.638 ug/L
RT: 2.108 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

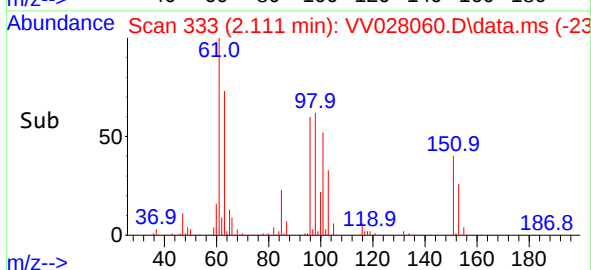
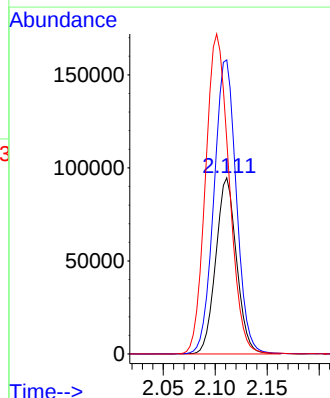
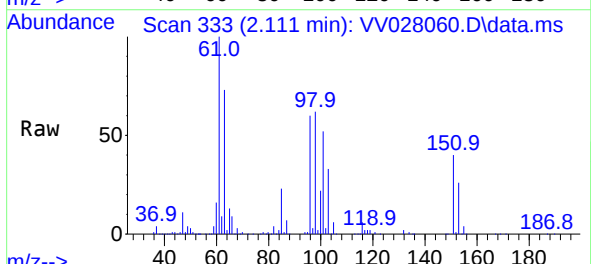
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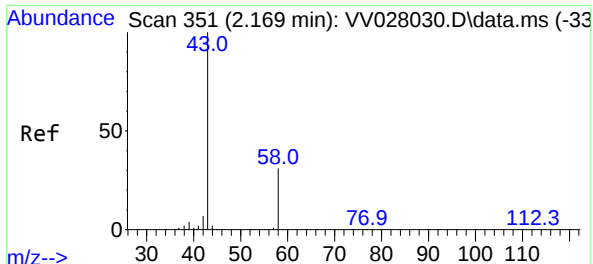
Tgt Ion:101 Resp: 137537
Ion Ratio Lower Upper
101 100
85 43.6 35.6 53.4
151 77.0 62.2 93.4



#12
1,1-Dichloroethene
Concen: 49.431 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

Tgt Ion: 96 Resp: 131608
Ion Ratio Lower Upper
96 100
61 167.0 123.7 229.7
63 121.5 108.6 201.6

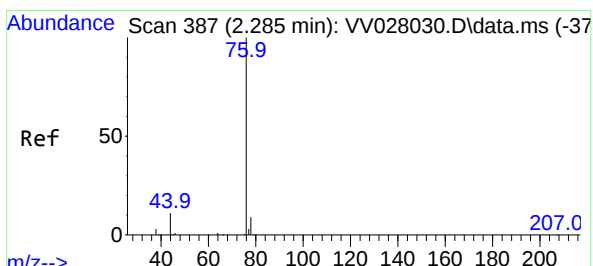
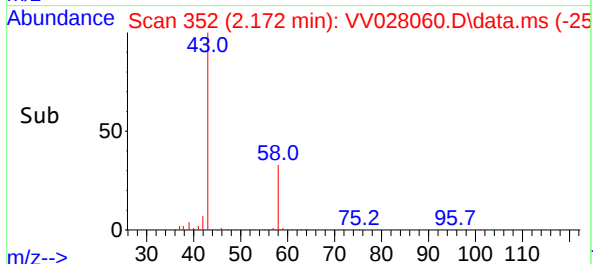
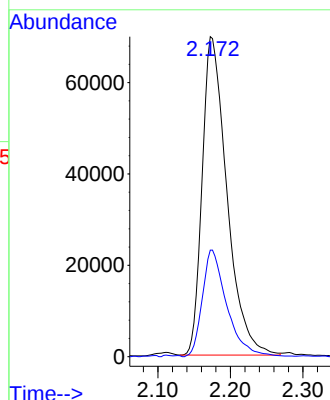
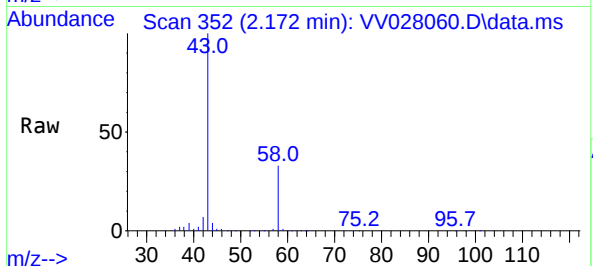




#13
Acetone
Concen: 96.874 ug/L
RT: 2.172 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

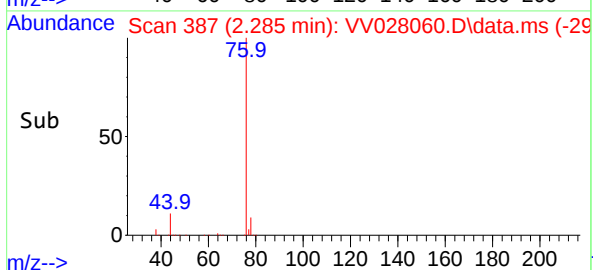
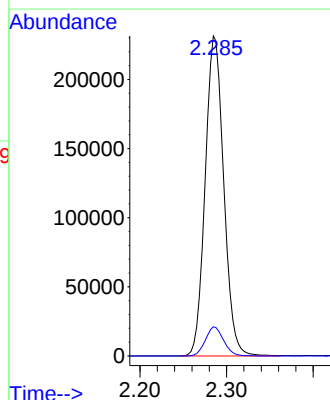
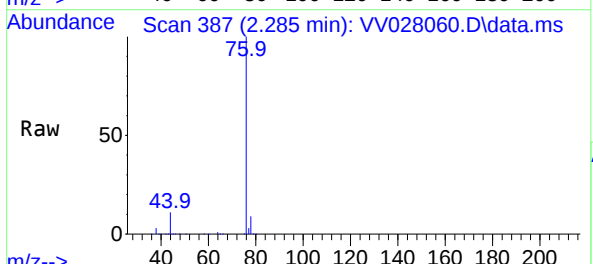
Instrument :
MSVOA_V
ClientSampleId :
VSTD050348

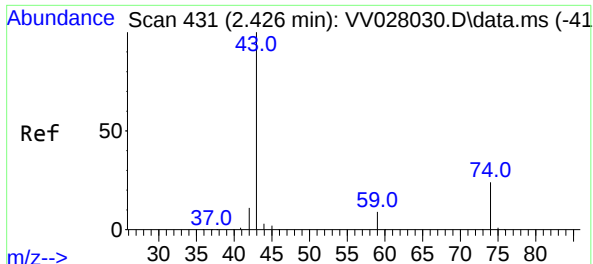
Tgt Ion: 43 Resp: 165381
Ion Ratio Lower Upper
43 100
58 33.3 0.0 66.2



#14
Carbon disulfide
Concen: 48.912 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.000 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

Tgt Ion: 76 Resp: 344595
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

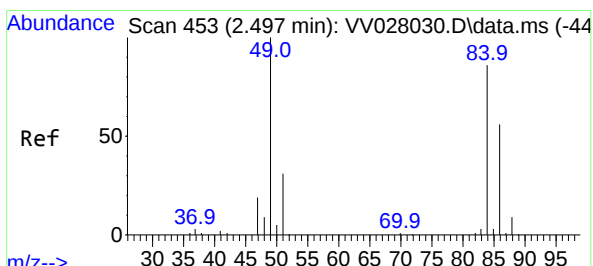
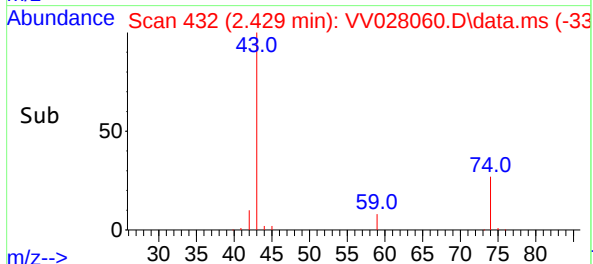
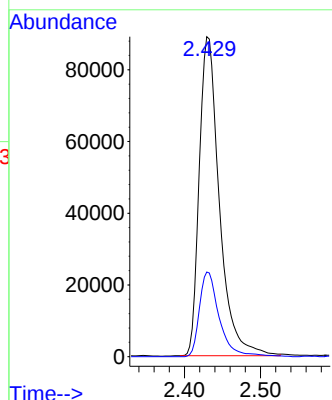
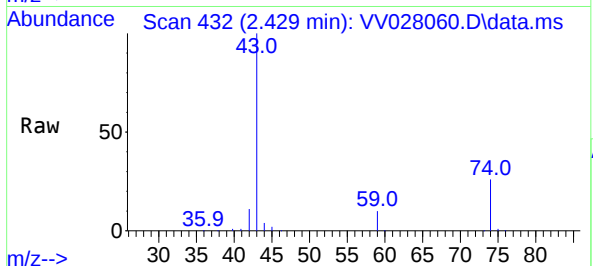




#15
Methyl Acetate
Concen: 55.485 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

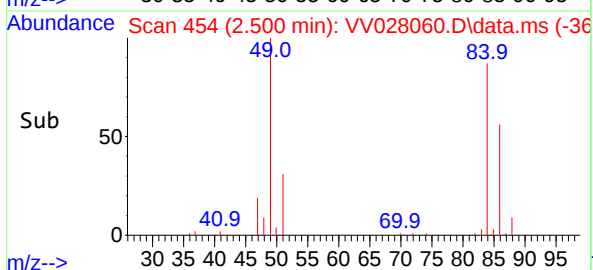
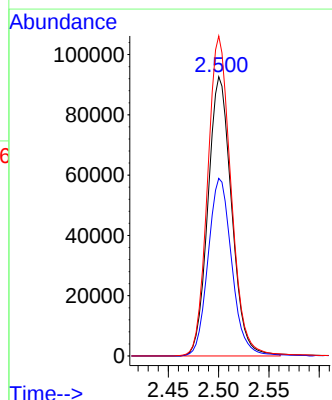
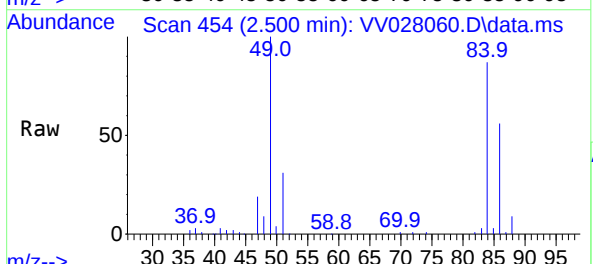
Instrument :
MSVOA_V
ClientSampleId :
VSTD050348

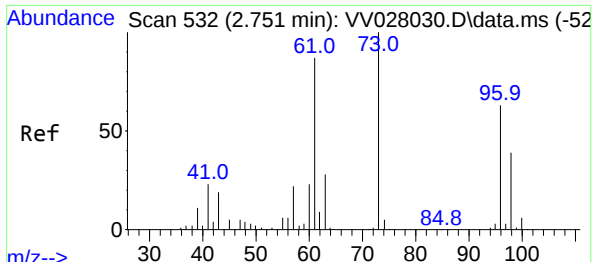
Tgt Ion: 43 Resp: 163623
Ion Ratio Lower Upper
43 100
74 26.3 20.9 31.3



#16
Methylene chloride
Concen: 48.486 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

Tgt Ion: 84 Resp: 151356
Ion Ratio Lower Upper
84 100
86 63.6 44.2 82.2
49 114.6 80.8 150.0

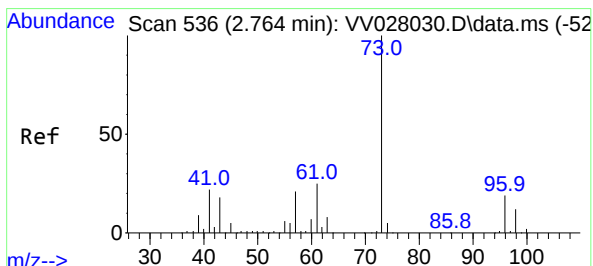
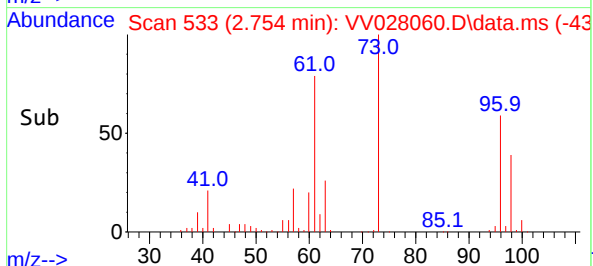
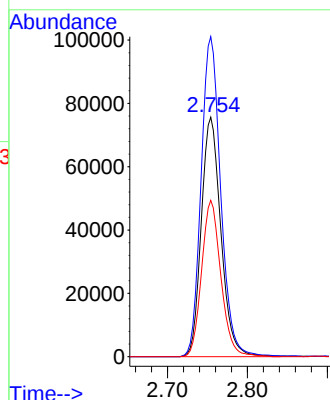
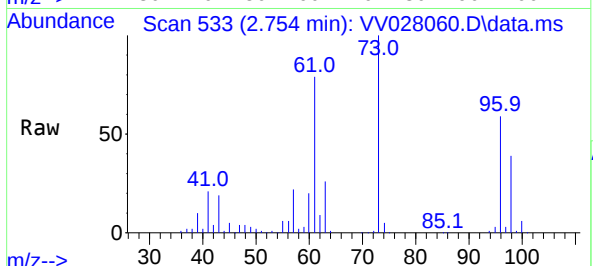




#17
trans-1,2-Dichloroethene
Concen: 51.027 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

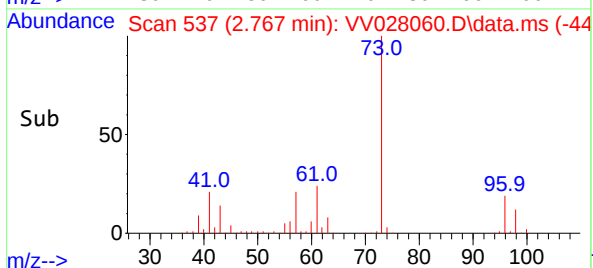
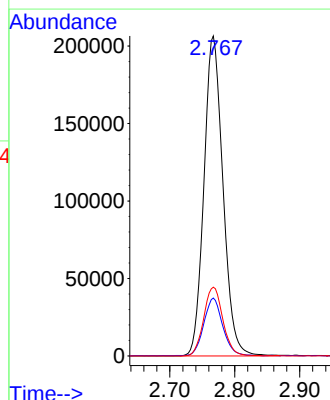
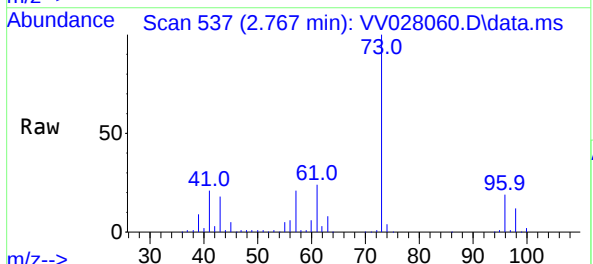
Instrument :
MSVOA_V
ClientSampleId :
VSTD050348

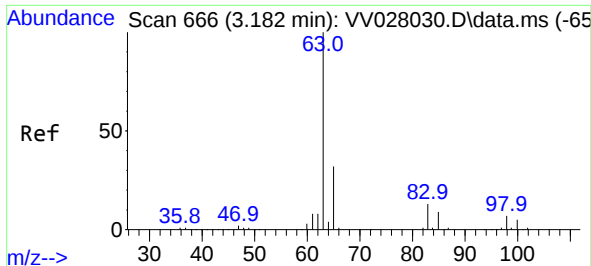
Tgt Ion: 96 Resp: 129299
Ion Ratio Lower Upper
96 100
61 133.6 92.3 171.5
98 65.2 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 52.922 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

Tgt Ion: 73 Resp: 420965
Ion Ratio Lower Upper
73 100
43 17.9 14.5 21.7
57 21.7 17.4 26.0





#19

1,1-Dichloroethane

Concen: 54.984 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV028060.D

Acq: 22 Sep 2022 13:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD050348

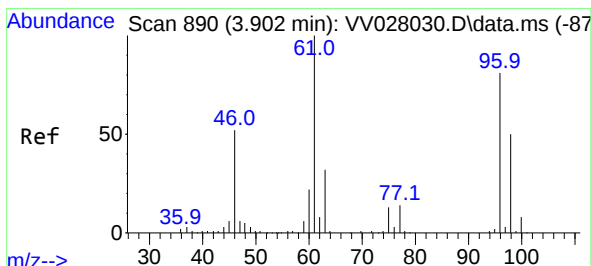
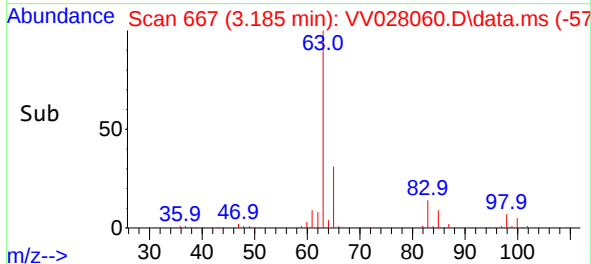
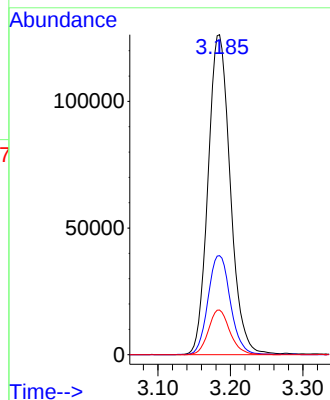
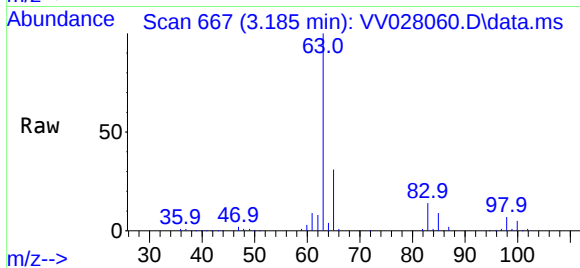
Tgt Ion: 63 Resp: 269150

Ion Ratio Lower Upper

63 100

65 31.0 22.5 41.7

83 14.0 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 52.939 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV028060.D

Acq: 22 Sep 2022 13:04

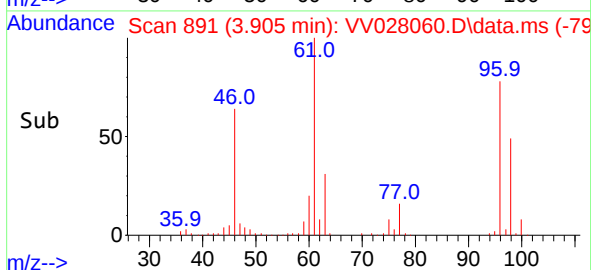
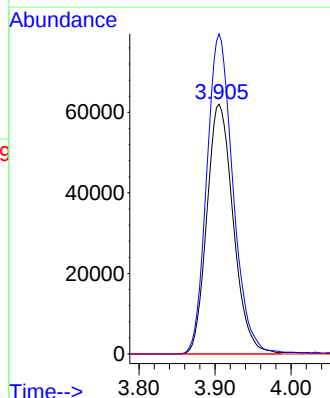
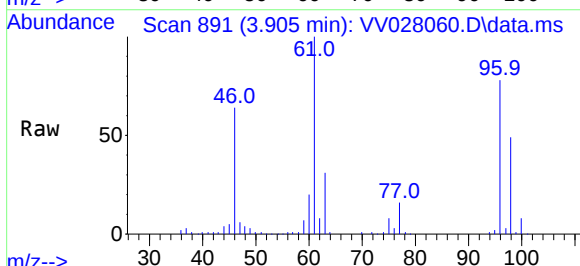
Tgt Ion: 96 Resp: 149616

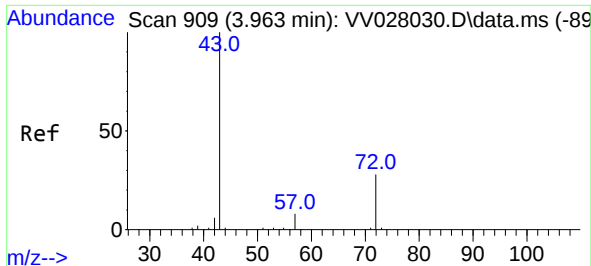
Ion Ratio Lower Upper

96 100

61 128.1 84.4 156.8

68 0.0 0.0 0.0

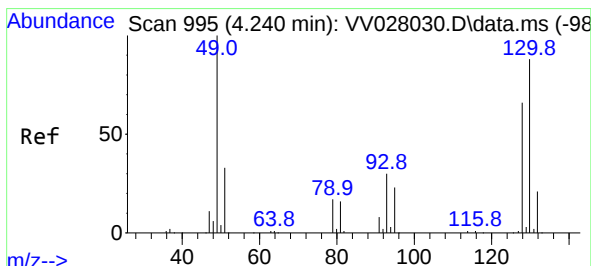
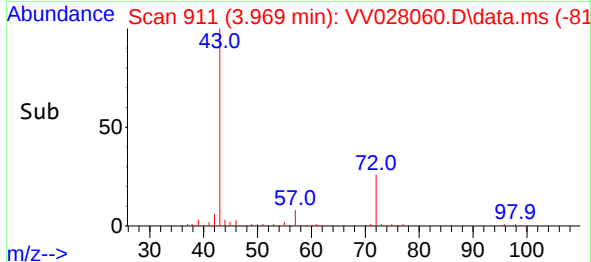
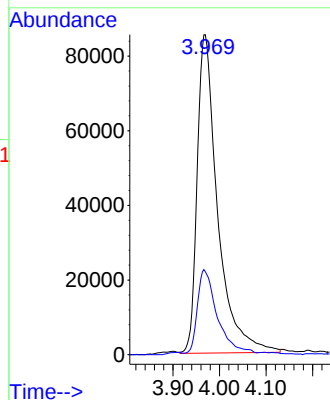
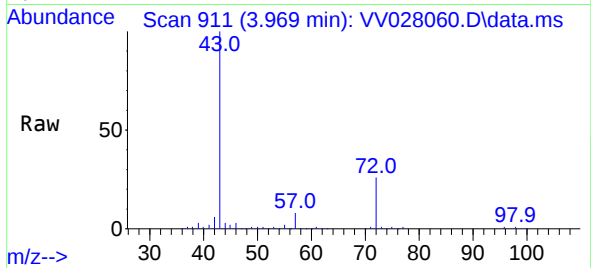




#22
2-Butanone
Concen: 128.156 ug/L
RT: 3.969 min Scan# 911
Delta R.T. 0.006 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

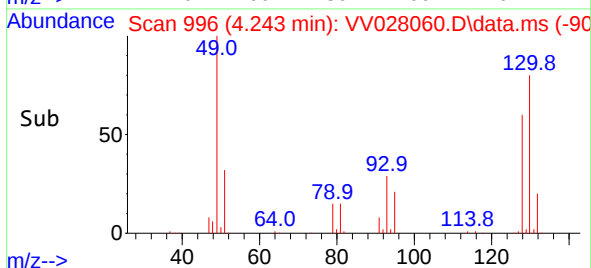
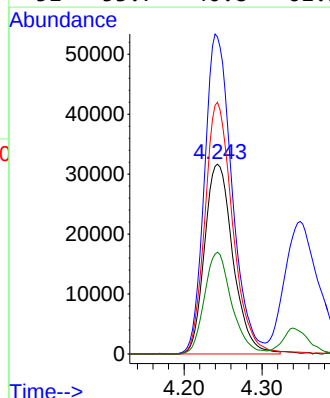
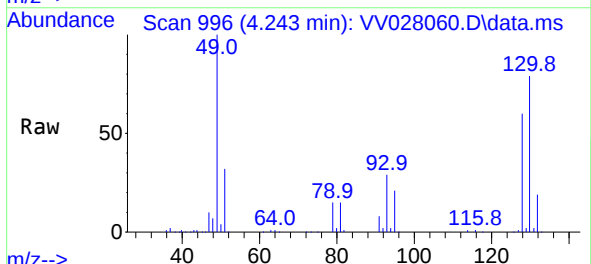
Instrument :
MSVOA_V
ClientSampleId :
VSTD050348

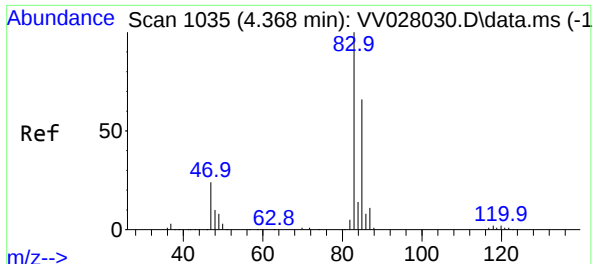
Tgt Ion: 43 Resp: 260446
Ion Ratio Lower Upper
43 100
72 25.5 13.5 40.4



#23
Bromochloromethane
Concen: 52.464 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.003 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

Tgt Ion:128 Resp: 80020
Ion Ratio Lower Upper
128 100
49 167.1 107.0 198.6
130 132.7 88.3 164.1
51 53.7 40.8 61.2





#25

Chloroform

Concen: 53.338 ug/L

RT: 4.371 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV028060.D

Acq: 22 Sep 2022 13:04

Instrument :

MSVOA_V

ClientSampleId :

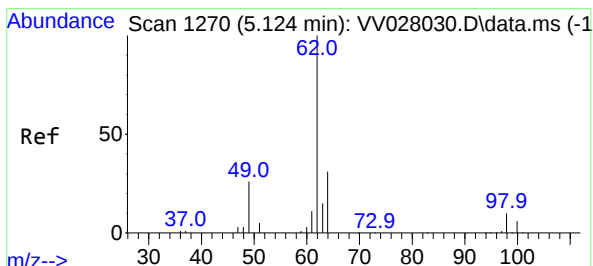
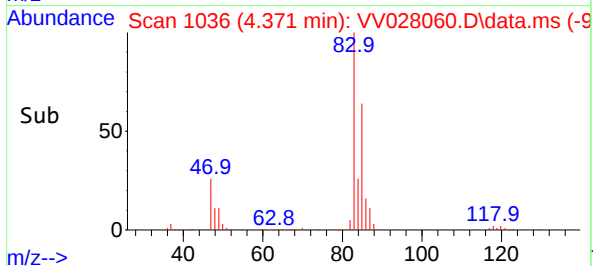
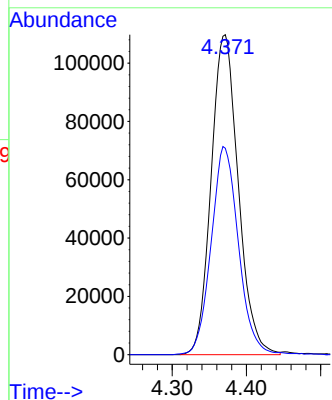
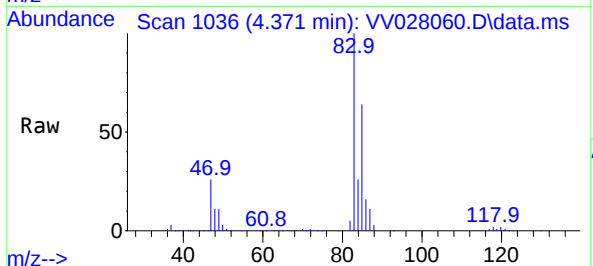
VSTD050348

Tgt Ion: 83 Resp: 278748

Ion Ratio Lower Upper

83 100

85 64.5 46.3 85.9



#27

1,2-Dichloroethane

Concen: 52.480 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV028060.D

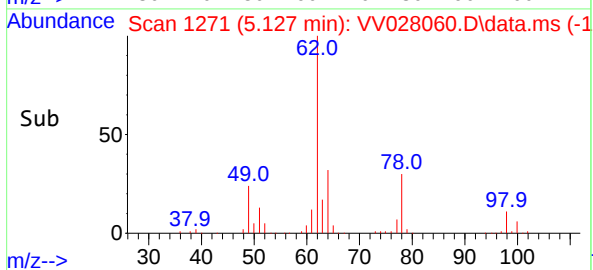
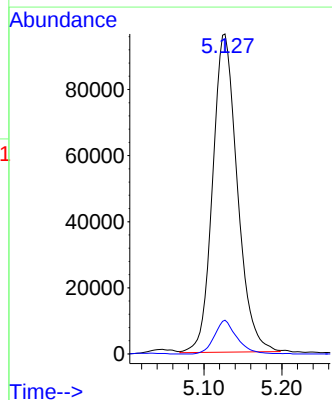
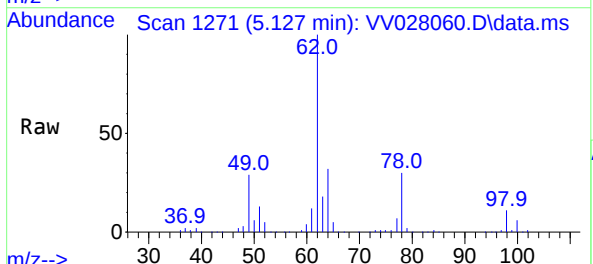
Acq: 22 Sep 2022 13:04

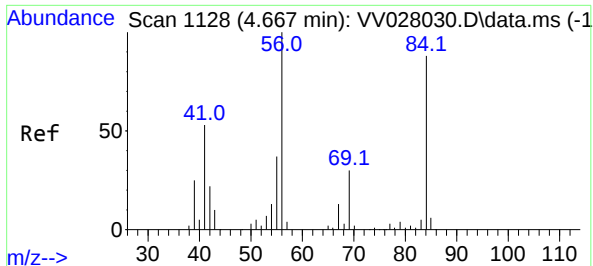
Tgt Ion: 62 Resp: 212705

Ion Ratio Lower Upper

62 100

98 10.5 7.6 11.4





#29

Cyclohexane

Concen: 55.634 ug/L

RT: 4.670 min Scan# 1128

Delta R.T. 0.003 min

Lab File: VV028060.D

Acq: 22 Sep 2022 13:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD050348

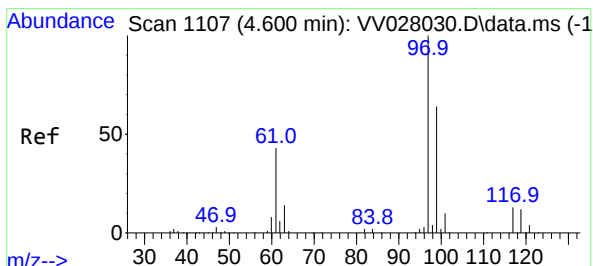
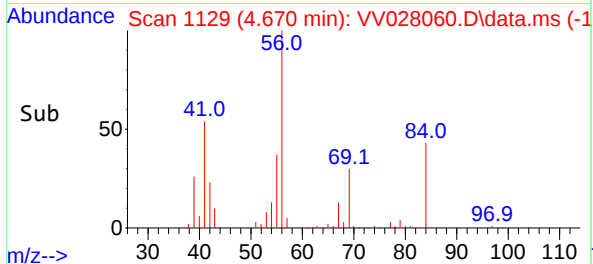
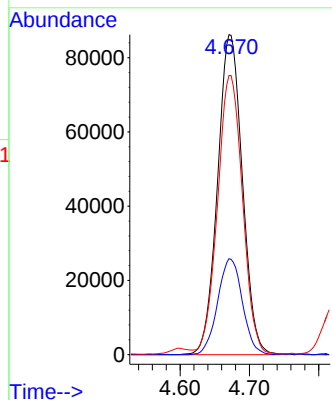
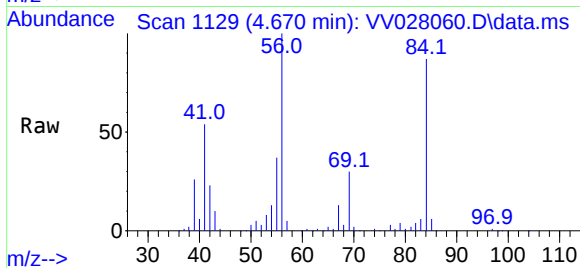
Tgt Ion: 56 Resp: 214459

Ion Ratio Lower Upper

56 100

69 29.9 24.6 36.8

84 87.5 69.0 103.6



#30

1,1,1-Trichloroethane

Concen: 54.809 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV028060.D

Acq: 22 Sep 2022 13:04

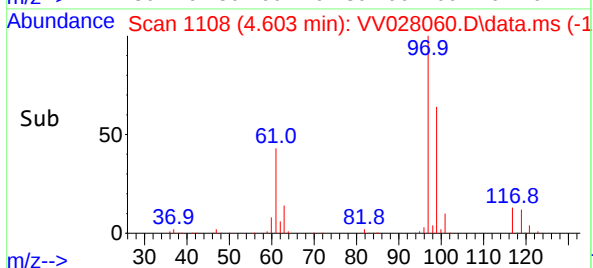
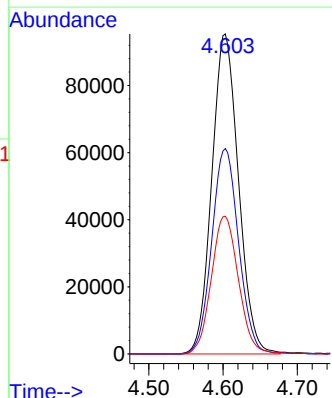
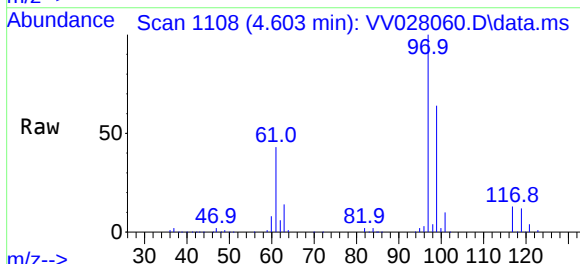
Tgt Ion: 97 Resp: 238255

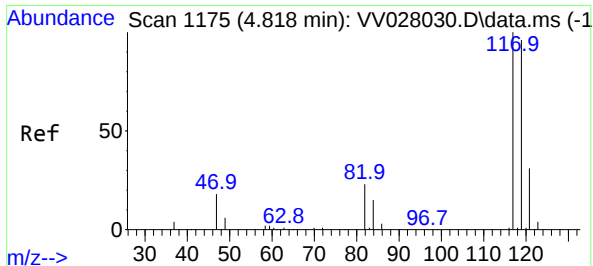
Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.0

61 43.9 35.2 52.8

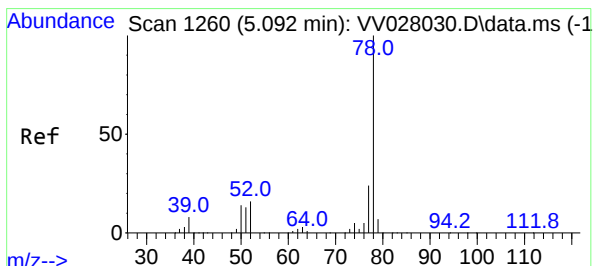
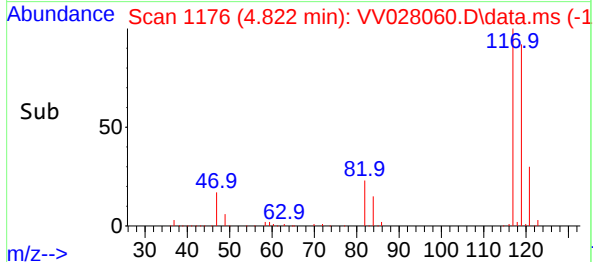
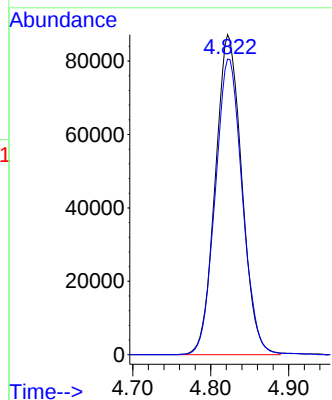
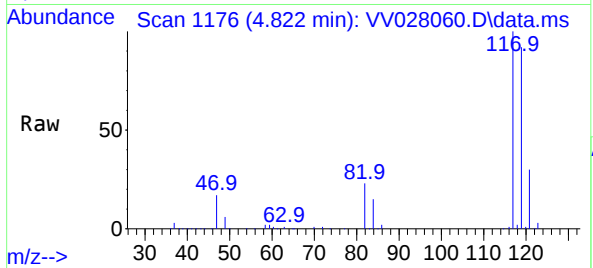




#31
Carbon tetrachloride
Concen: 53.260 ug/L
RT: 4.822 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

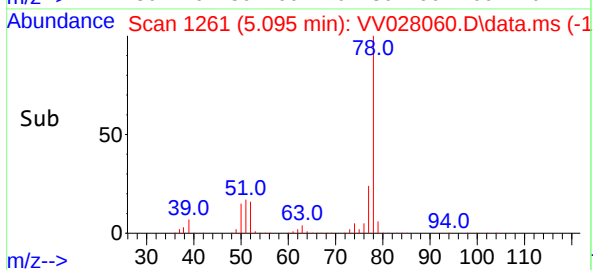
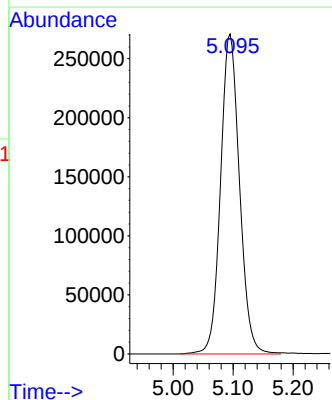
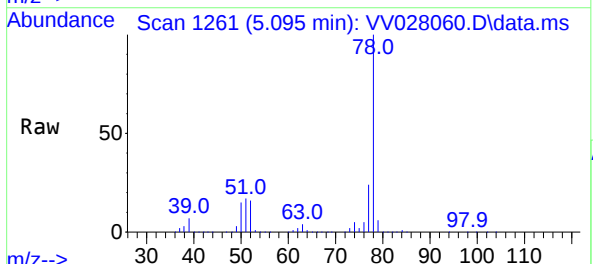
Instrument : MSVOA_V
ClientSampleId : VSTD050348

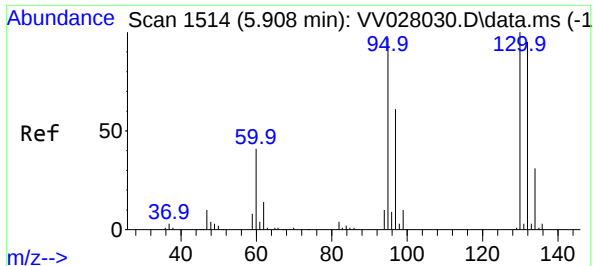
Tgt Ion:117 Resp: 205609
Ion Ratio Lower Upper
117 100
119 93.9 75.6 113.4



#33
Benzene
Concen: 56.203 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

Tgt Ion: 78 Resp: 592108

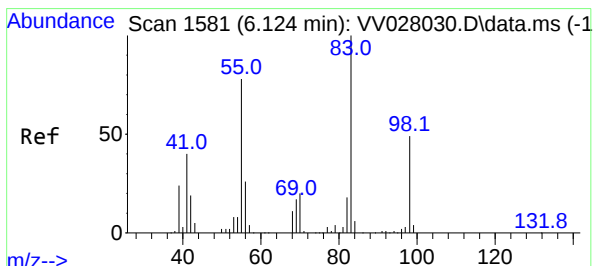
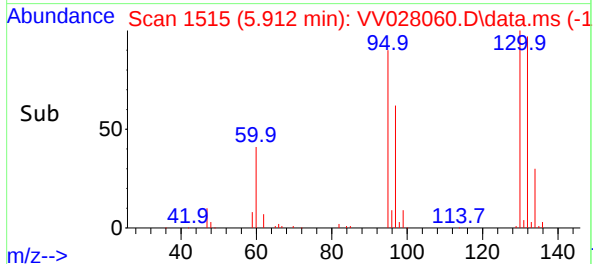
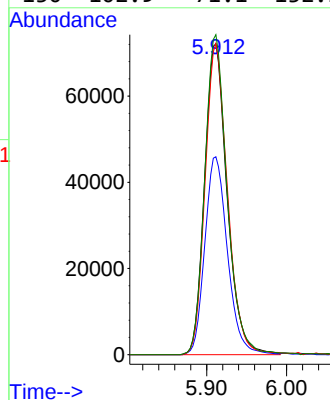
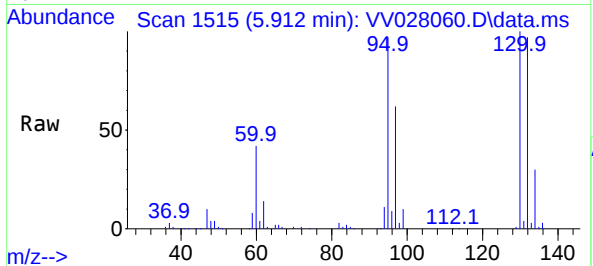




#34
Trichloroethene
Concen: 54.283 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

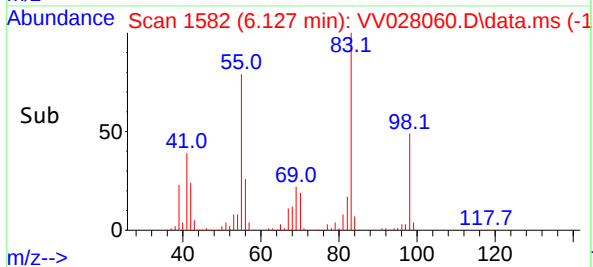
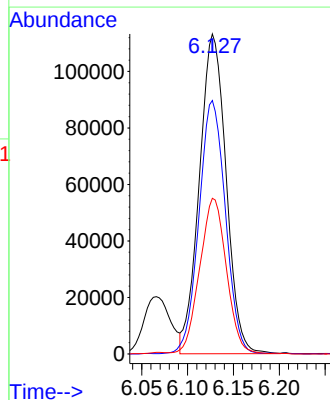
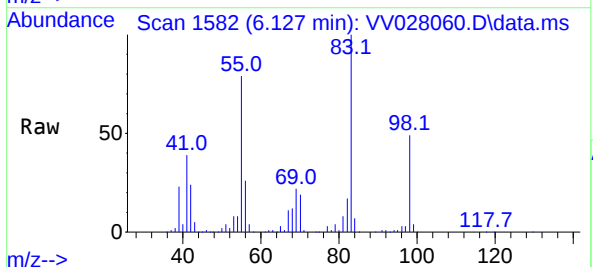
Instrument :
MSVOA_V
ClientSampleId :
VSTD050348

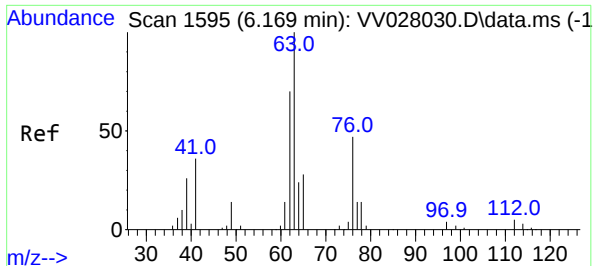
Tgt Ion: 95 Resp: 141714
Ion Ratio Lower Upper
95 100
97 63.7 45.4 84.2
132 100.1 69.2 128.6
130 102.9 71.1 132.1



#35
Methylcyclohexane
Concen: 54.465 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

Tgt Ion: 83 Resp: 229492
Ion Ratio Lower Upper
83 100
55 78.4 63.0 94.4
98 48.8 39.5 59.3

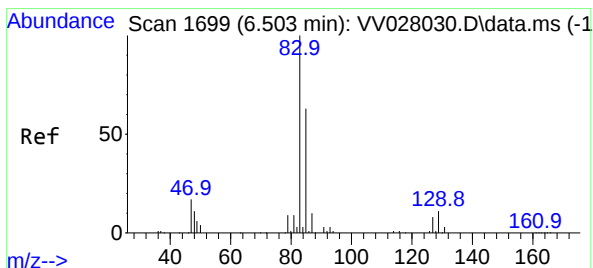
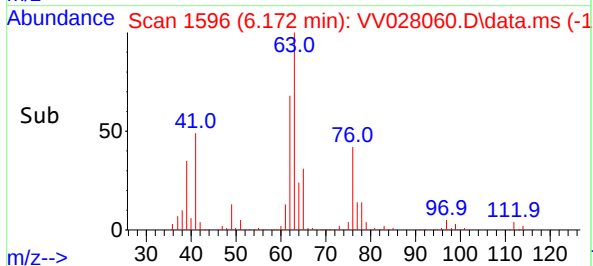
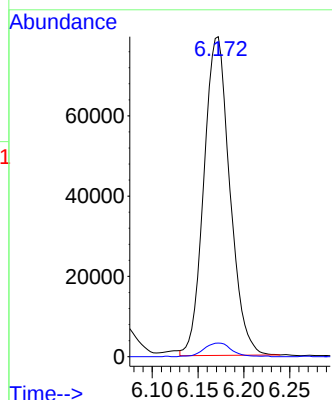
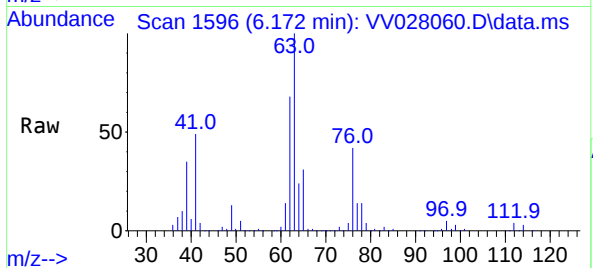




#37
1,2-Dichloropropane
Concen: 56.573 ug/L
RT: 6.172 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

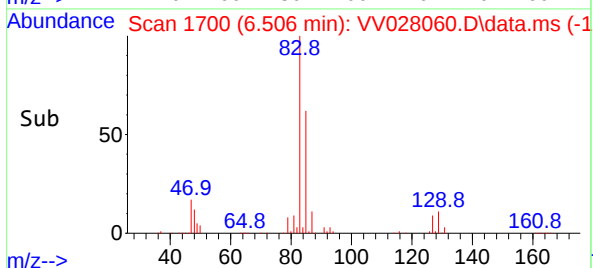
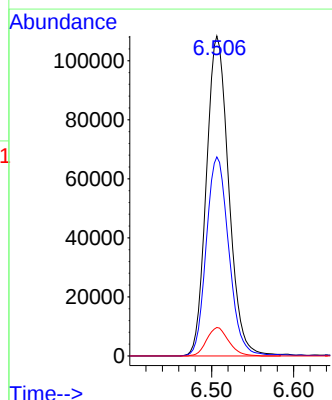
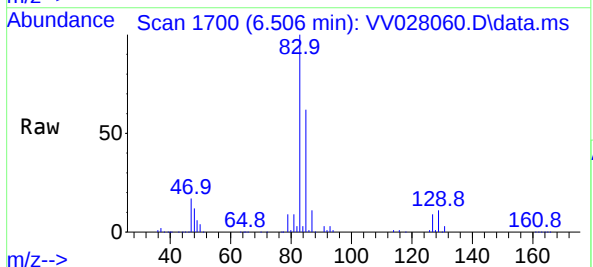
Instrument :
MSVOA_V
ClientSampleId :
VSTD050348

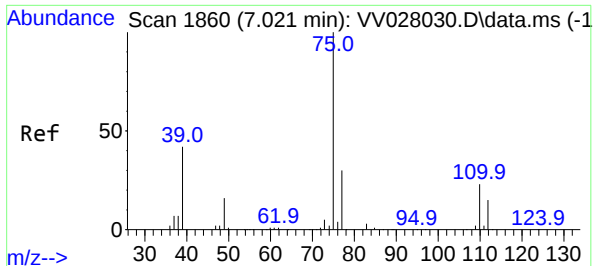
Tgt Ion: 63 Resp: 156346
Ion Ratio Lower Upper
63 100
112 4.6 3.4 5.0



#38
Bromodichloromethane
Concen: 53.151 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

Tgt Ion: 83 Resp: 205103
Ion Ratio Lower Upper
83 100
85 62.2 44.2 82.0
127 8.9 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 51.194 ug/L

RT: 7.024 min Scan# 1860

Delta R.T. 0.003 min

Lab File: VV028060.D

Acq: 22 Sep 2022 13:04

Instrument :

MSVOA_V

ClientSampleId :

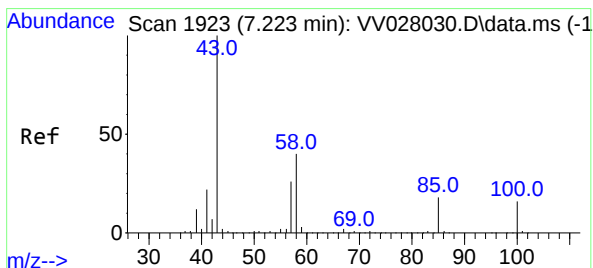
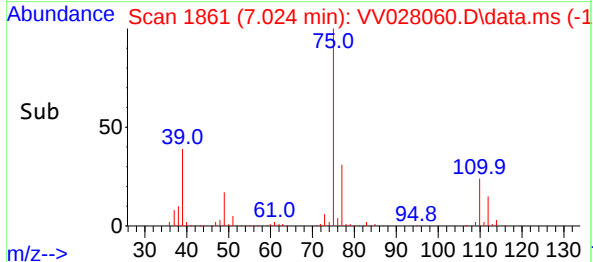
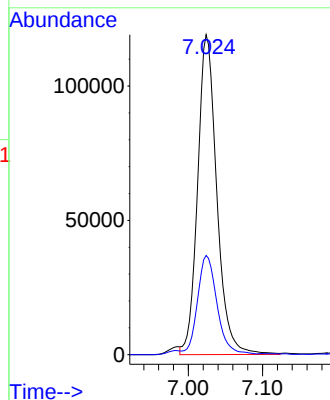
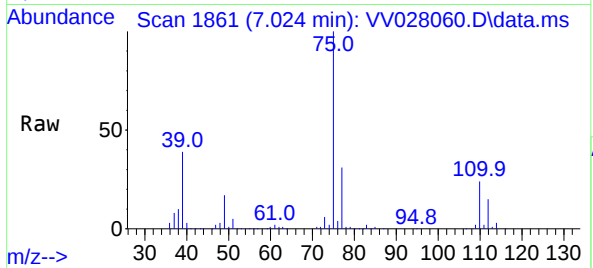
VSTD050348

Tgt Ion: 75 Resp: 214245

Ion Ratio Lower Upper

75 100

77 31.0 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 115.531 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV028060.D

Acq: 22 Sep 2022 13:04

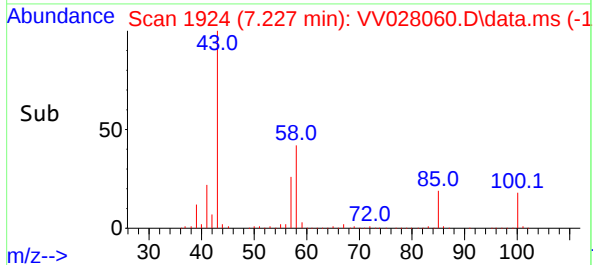
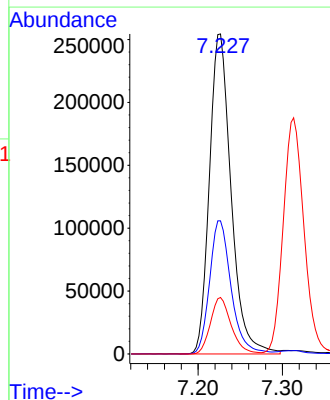
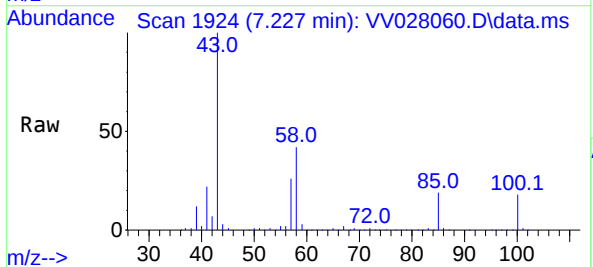
Tgt Ion: 43 Resp: 455374

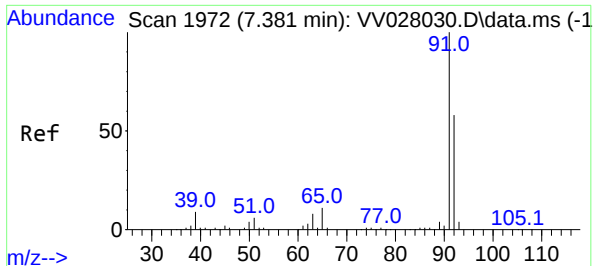
Ion Ratio Lower Upper

43 100

58 41.3 33.0 49.4

100 16.9 13.3 19.9





#42

Toluene

Concen: 53.831 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV028060.D

Acq: 22 Sep 2022 13:04

Instrument :

MSVOA_V

ClientSampleId :

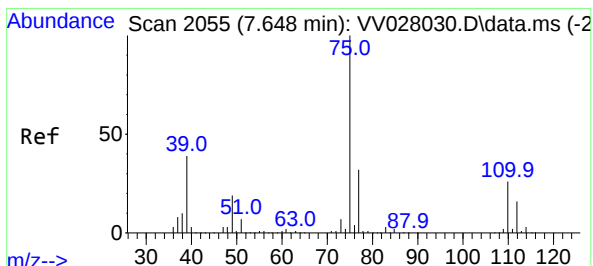
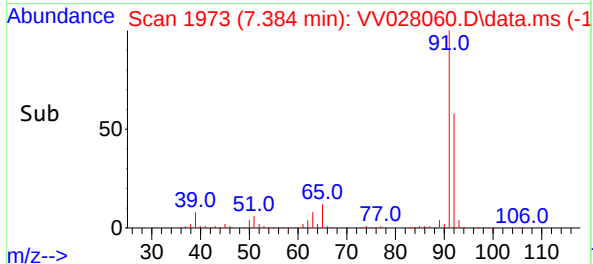
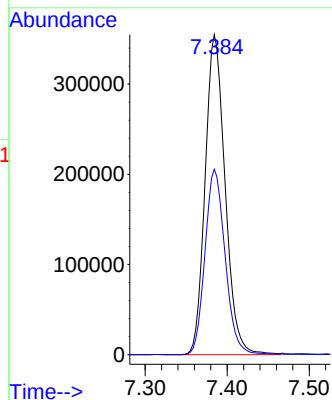
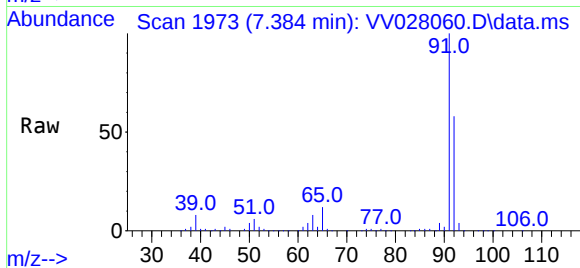
VSTD050348

Tgt Ion: 91 Resp: 600967

Ion Ratio Lower Upper

91 100

92 57.9 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 54.258 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV028060.D

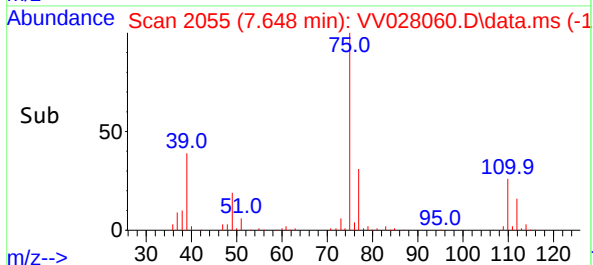
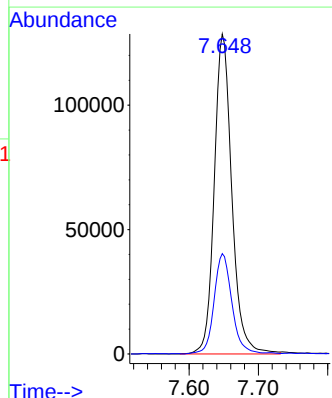
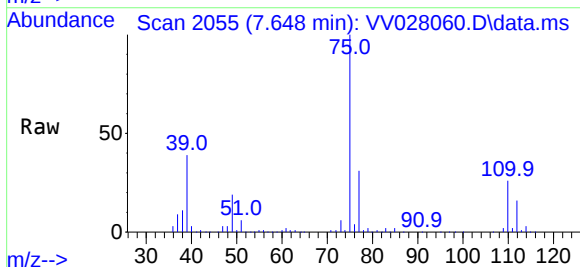
Acq: 22 Sep 2022 13:04

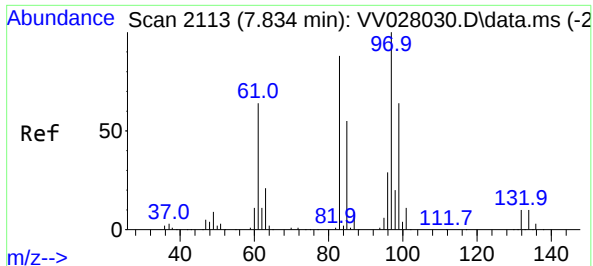
Tgt Ion: 75 Resp: 226521

Ion Ratio Lower Upper

75 100

77 31.4 21.4 39.8





#45

1,1,2-Trichloroethane

Concen: 54.546 ug/L

RT: 7.837 min Scan# 2113

Delta R.T. 0.003 min

Lab File: VV028060.D

Acq: 22 Sep 2022 13:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD050348

Tgt Ion: 97 Resp: 152073

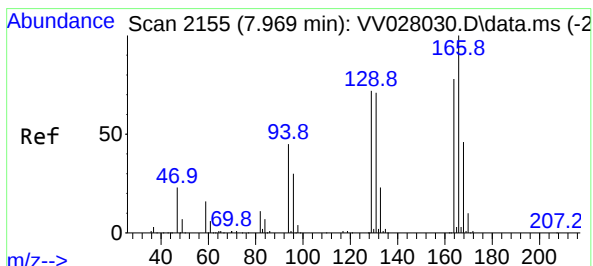
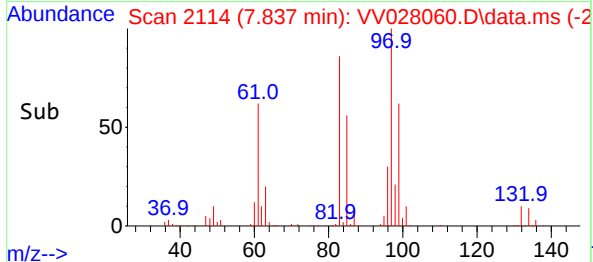
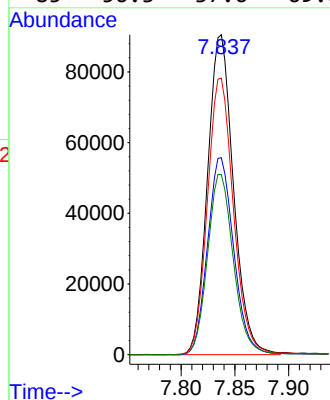
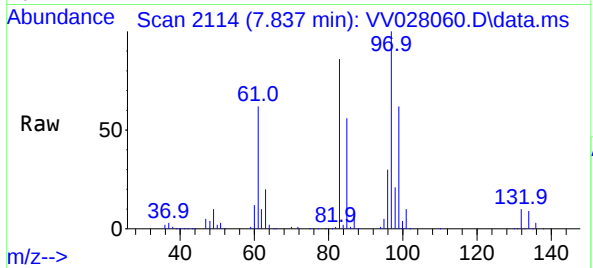
Ion Ratio Lower Upper

97 100

99 61.5 43.8 81.3

83 86.4 58.7 109.1

85 56.3 37.6 69.8



#46

Tetrachloroethene

Concen: 53.310 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV028060.D

Acq: 22 Sep 2022 13:04

Tgt Ion: 164 Resp: 115791

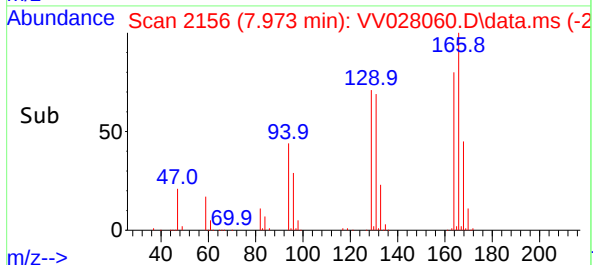
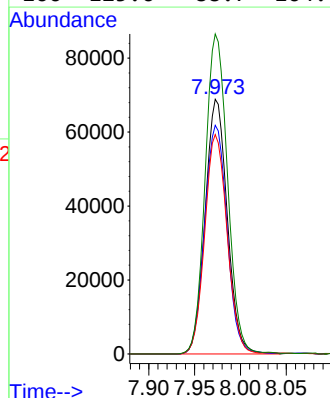
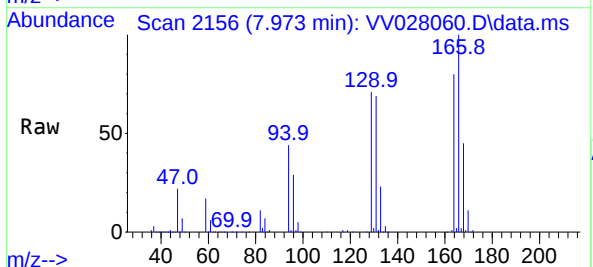
Ion Ratio Lower Upper

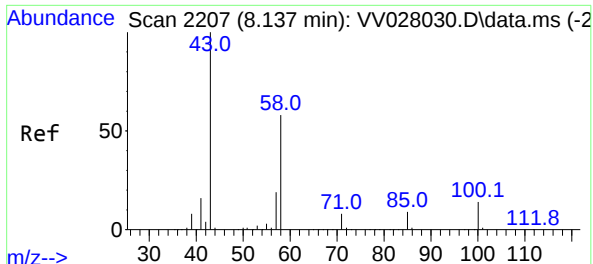
164 100

129 89.7 64.3 119.3

131 86.1 62.6 116.2

166 125.6 88.7 164.7





#48

2-Hexanone

Concen: 122.943 ug/L

RT: 8.137 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV028060.D

Acq: 22 Sep 2022 13:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD050348

Tgt Ion: 43 Resp: 393145

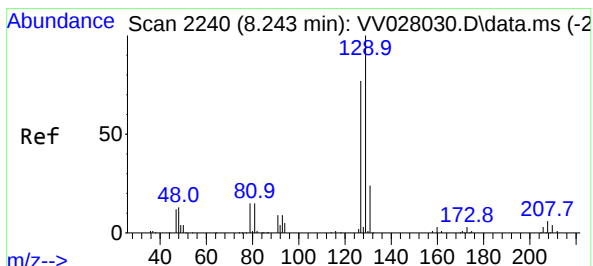
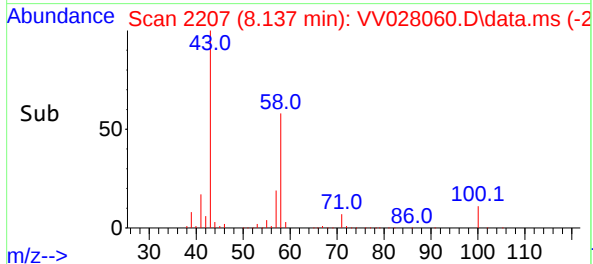
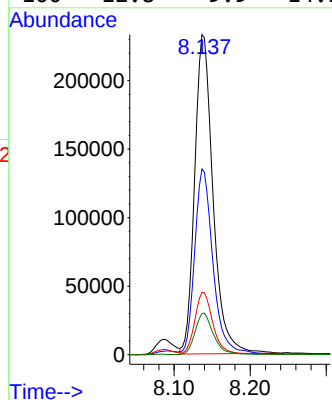
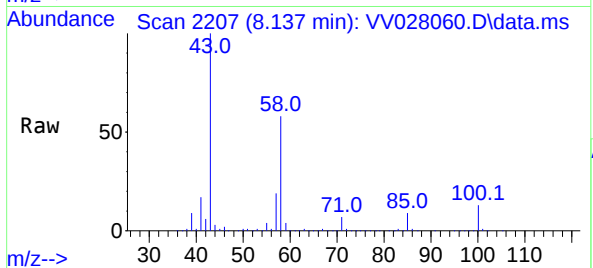
Ion Ratio Lower Upper

43 100

58 57.1 45.6 68.4

57 18.9 15.0 22.6

100 12.8 9.9 14.9



#49

Dibromochloromethane

Concen: 53.438 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VV028060.D

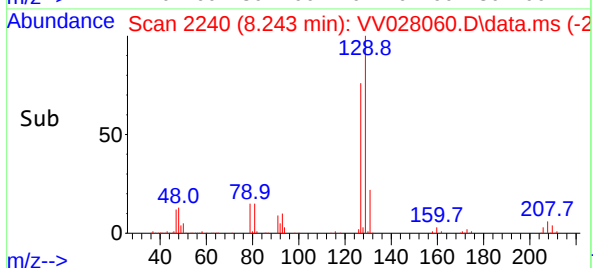
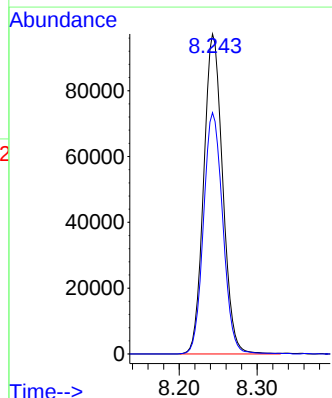
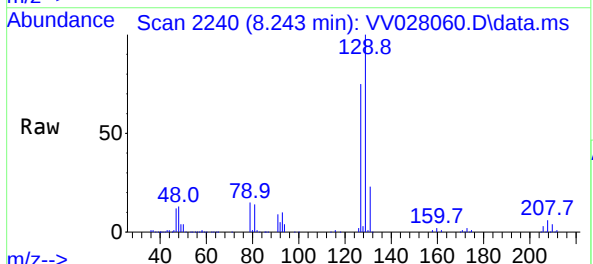
Acq: 22 Sep 2022 13:04

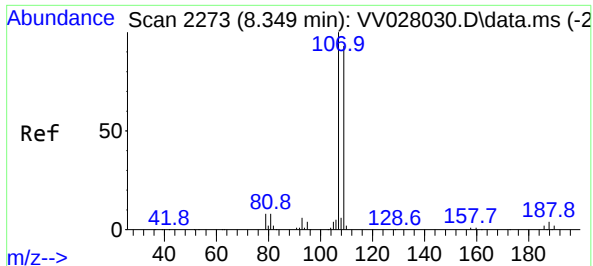
Tgt Ion:129 Resp: 164467

Ion Ratio Lower Upper

129 100

127 75.4 56.3 104.5

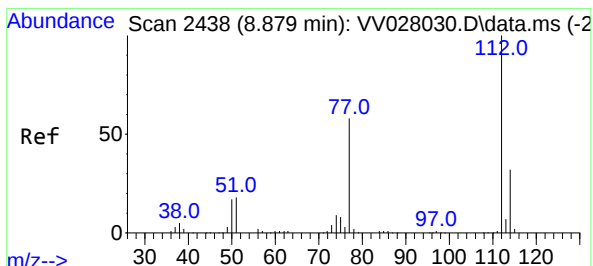
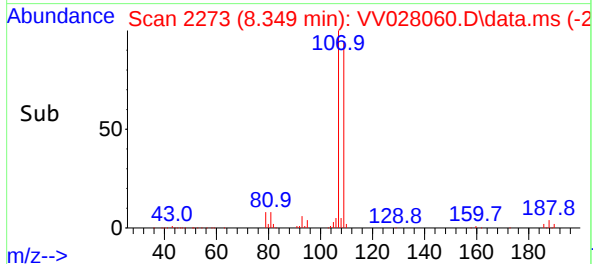
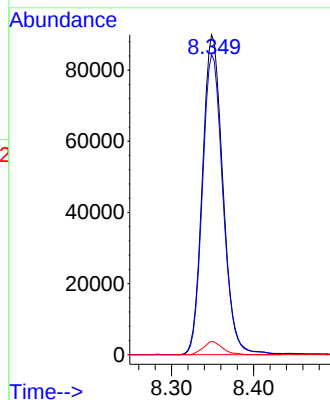
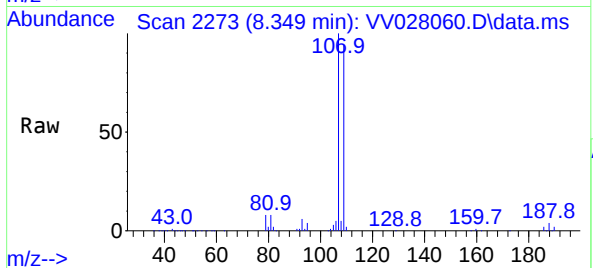




#50
1,2-Dibromoethane
Concen: 54.381 ug/L
RT: 8.349 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

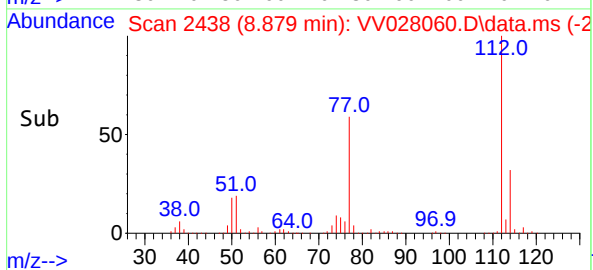
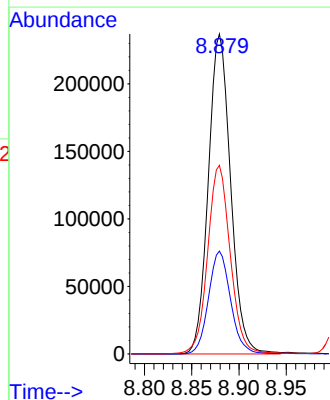
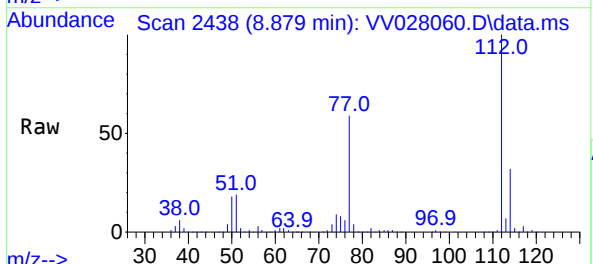
Instrument :
MSVOA_V
ClientSampleId :
VSTD050348

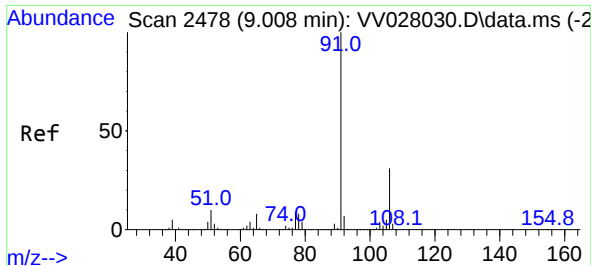
Tgt Ion:107 Resp: 155482
Ion Ratio Lower Upper
107 100
109 93.8 64.4 119.6
188 4.2 3.0 4.4



#51
Chlorobenzene
Concen: 52.190 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.000 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

Tgt Ion:112 Resp: 388958
Ion Ratio Lower Upper
112 100
114 32.2 21.9 40.7
77 59.0 46.8 70.2





#52

Ethylbenzene

Concen: 53.413 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV028060.D

Acq: 22 Sep 2022 13:04

Instrument :

MSVOA_V

ClientSampleId :

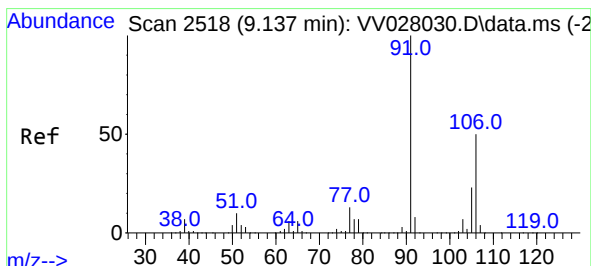
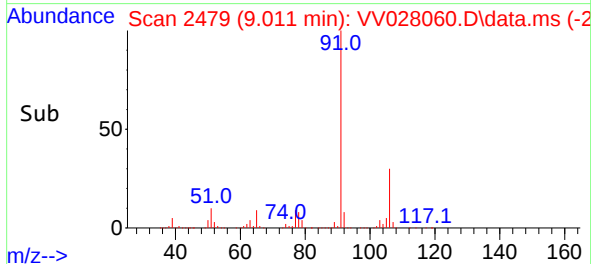
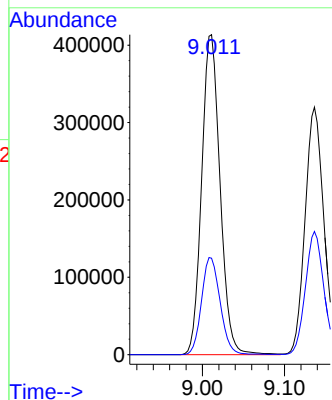
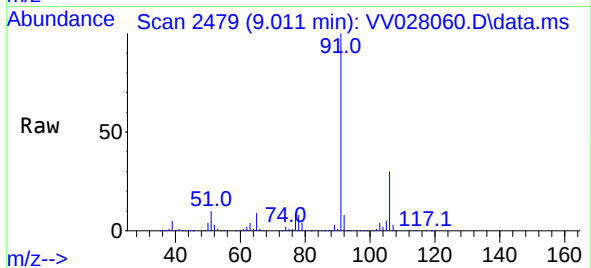
VSTD050348

Tgt Ion: 91 Resp: 643748

Ion Ratio Lower Upper

91 100

106 30.2 21.3 39.6



#53

m,p-Xylene

Concen: 53.941 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV028060.D

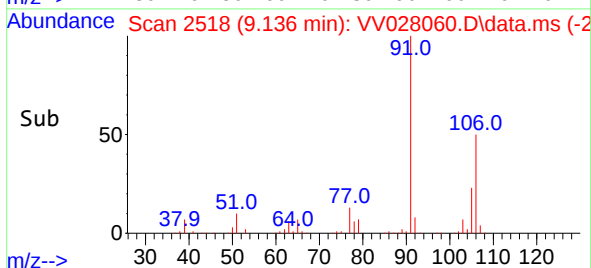
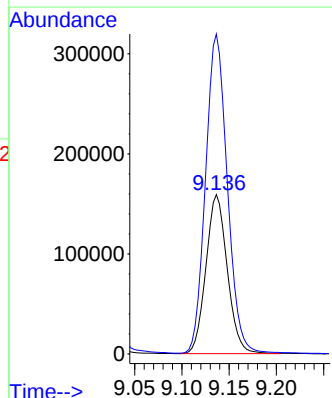
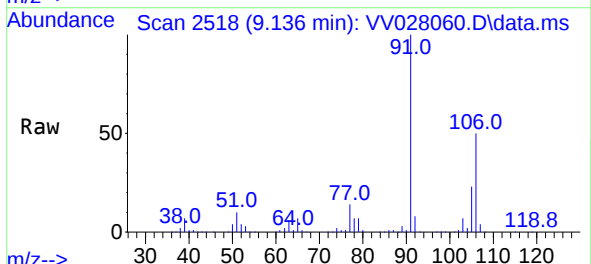
Acq: 22 Sep 2022 13:04

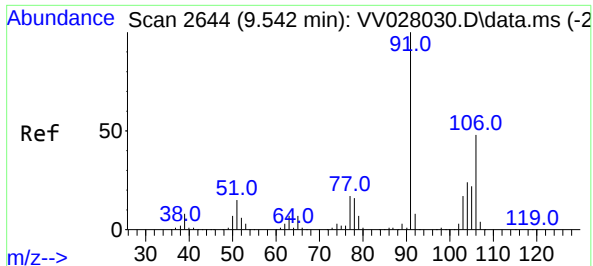
Tgt Ion: 106 Resp: 249266

Ion Ratio Lower Upper

106 100

91 200.8 139.8 259.6

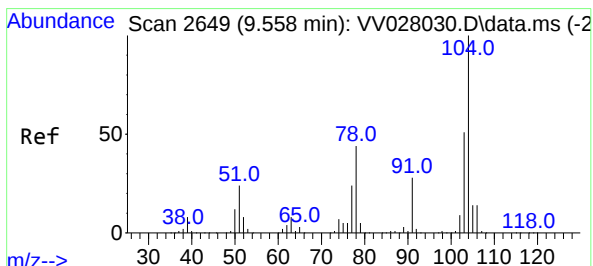
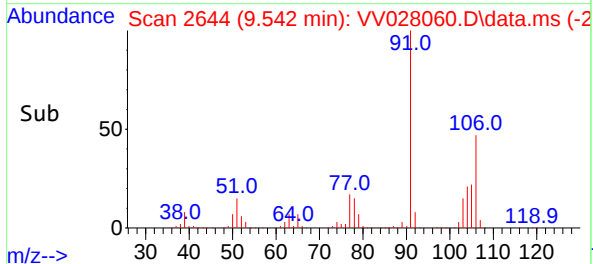
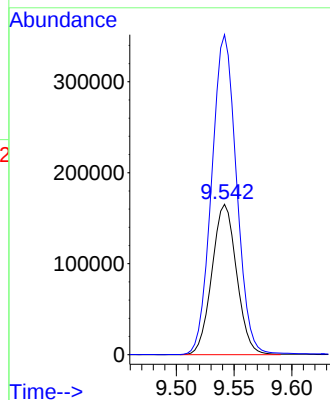
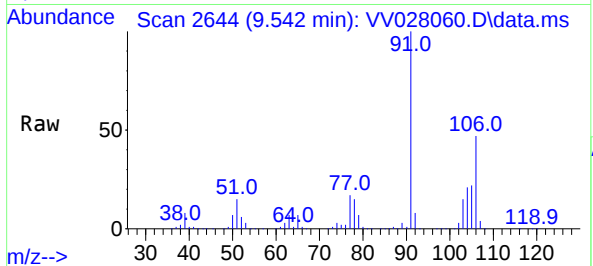




#54
o-Xylene
Concen: 55.140 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

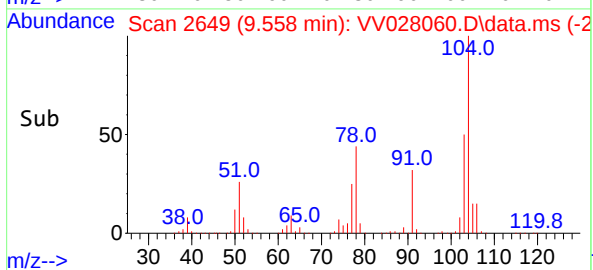
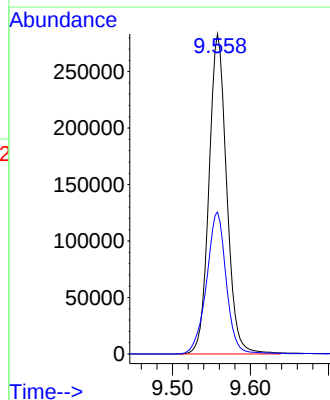
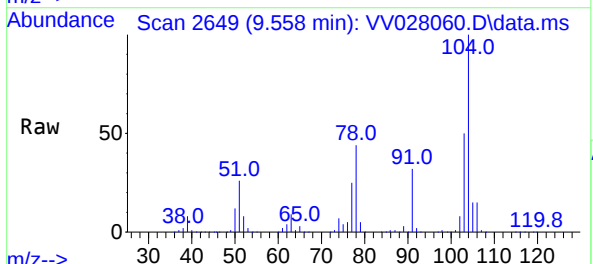
Instrument :
MSVOA_V
ClientSampleId :
VSTD050348

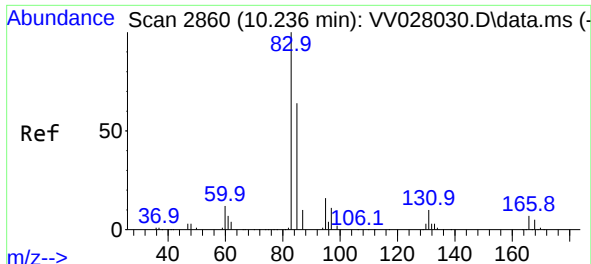
Tgt Ion:106 Resp: 245851
Ion Ratio Lower Upper
106 100
91 212.7 151.1 280.5



#55
Styrene
Concen: 56.514 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

Tgt Ion:104 Resp: 447133
Ion Ratio Lower Upper
104 100
78 44.3 31.1 57.7

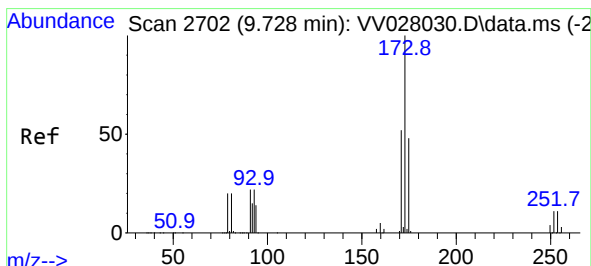
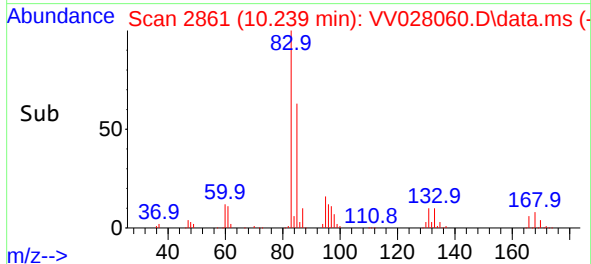
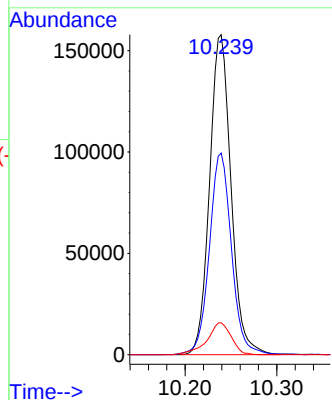
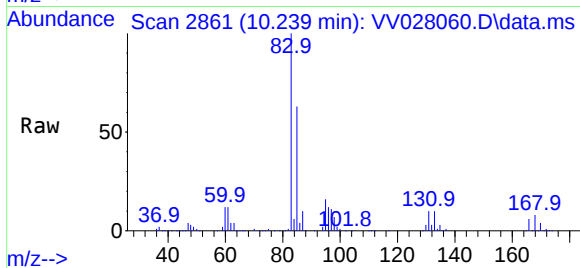




#57
1,1,2,2-Tetrachloroethane
Concen: 54.822 ug/L
RT: 10.239 min Scan# 2860
Delta R.T. 0.003 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

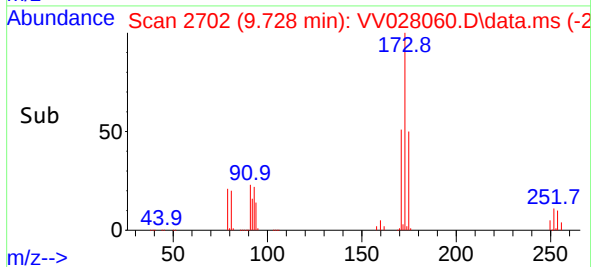
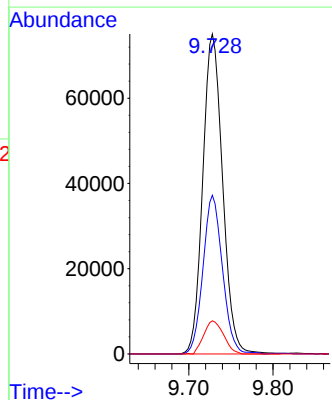
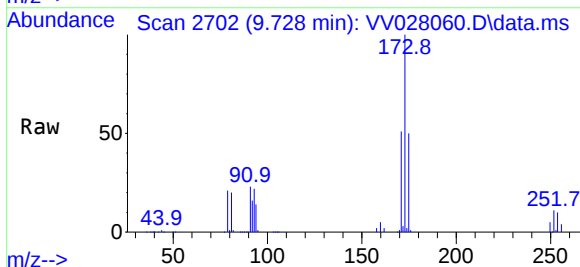
Instrument :
MSVOA_V
ClientSampleId :
VSTD050348

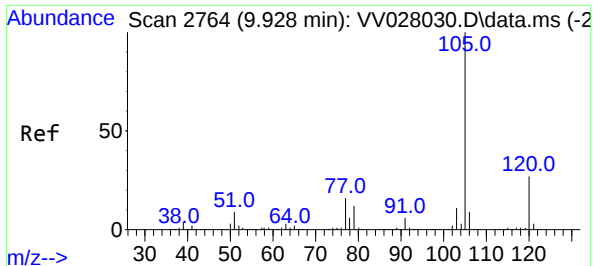
Tgt Ion: 83 Resp: 256357
Ion Ratio Lower Upper
83 100
85 63.0 45.1 83.9
131 10.0 7.7 11.5



#59
Bromoform
Concen: 55.126 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

Tgt Ion: 173 Resp: 123074
Ion Ratio Lower Upper
173 100
175 48.7 39.7 59.5
254 10.3 7.4 11.2

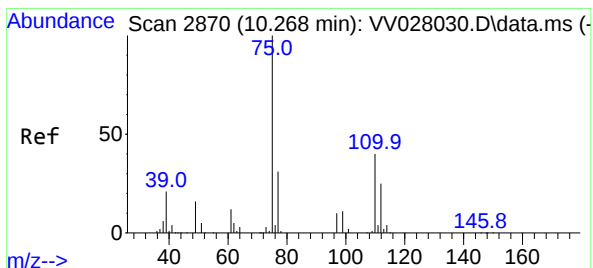
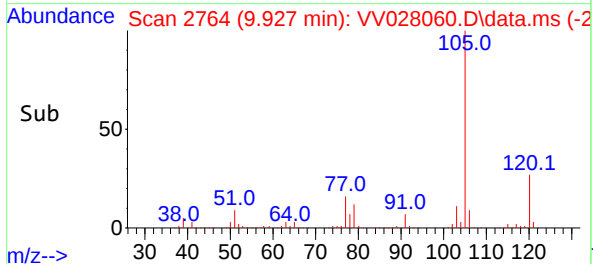
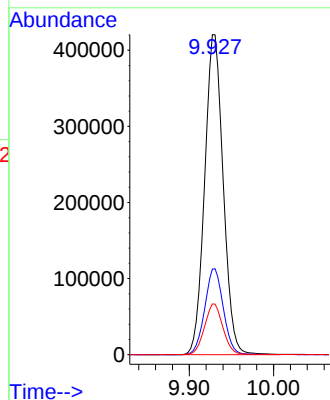
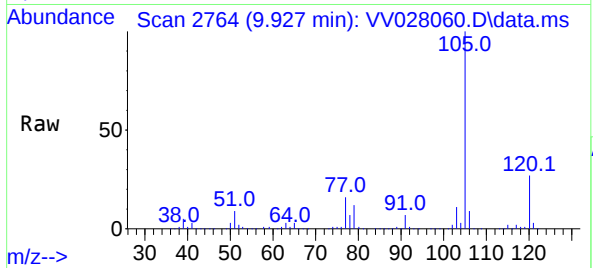




#60
Isopropylbenzene
Concen: 56.574 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

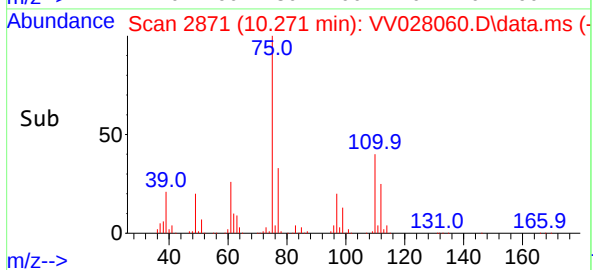
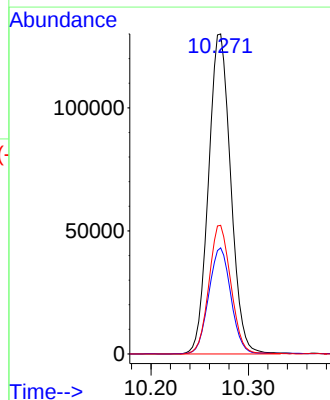
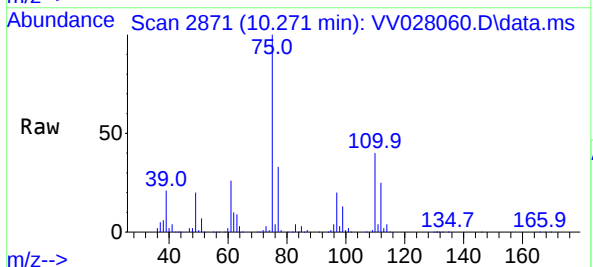
Instrument :
MSVOA_V
ClientSampleId :
VSTD050348

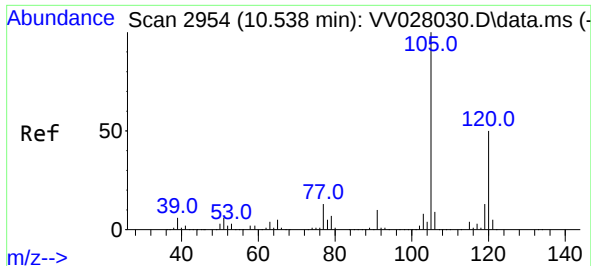
Tgt Ion:105 Resp: 645530
Ion Ratio Lower Upper
105 100
120 26.9 20.8 31.2
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 56.935 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

Tgt Ion: 75 Resp: 206192
Ion Ratio Lower Upper
75 100
77 33.2 25.9 38.9
110 39.8 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 55.188 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV028060.D

Acq: 22 Sep 2022 13:04

Instrument :

MSVOA_V

ClientSampleId :

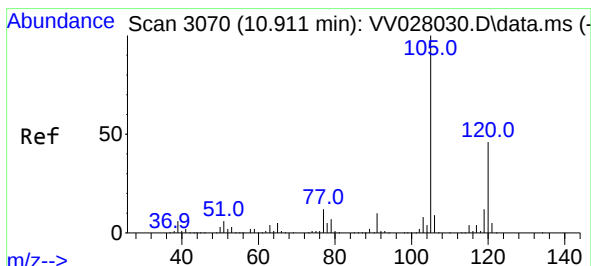
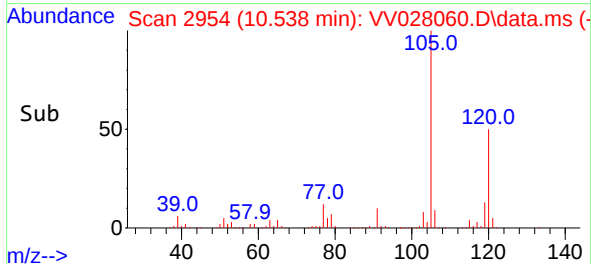
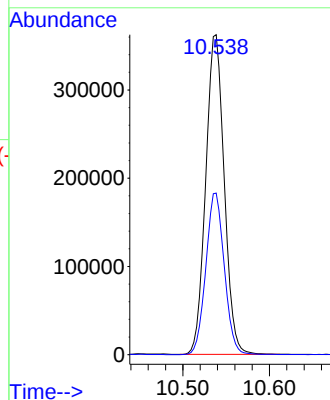
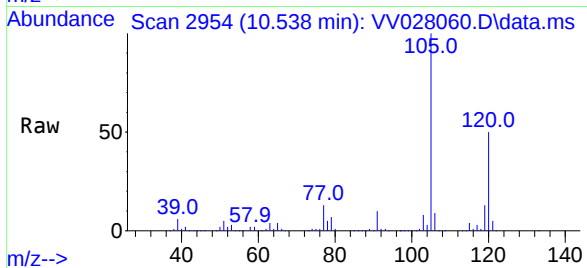
VSTD050348

Tgt Ion:105 Resp: 538500

Ion Ratio Lower Upper

105 100

120 50.4 40.2 60.2



#63

1,2,4-Trimethylbenzene

Concen: 54.244 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV028060.D

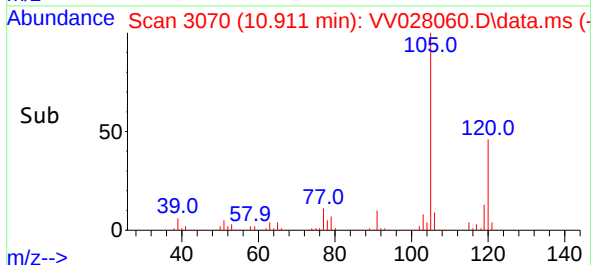
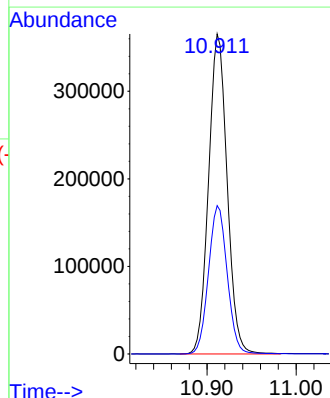
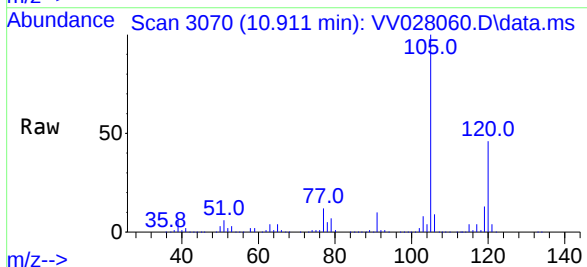
Acq: 22 Sep 2022 13:04

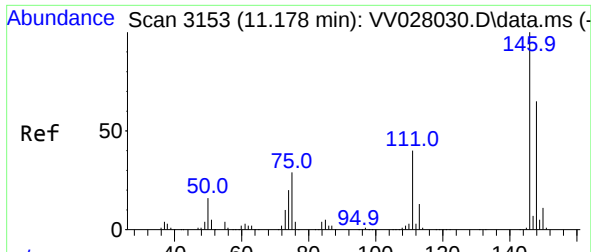
Tgt Ion:105 Resp: 527844

Ion Ratio Lower Upper

105 100

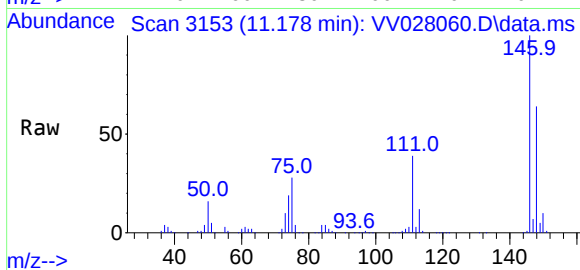
120 46.8 36.3 54.5



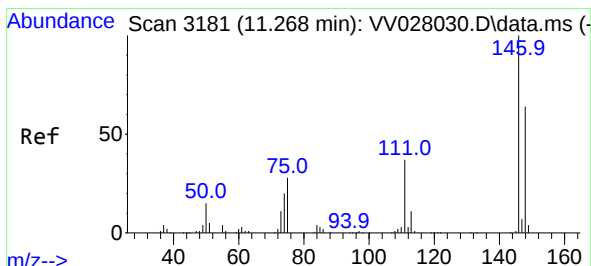
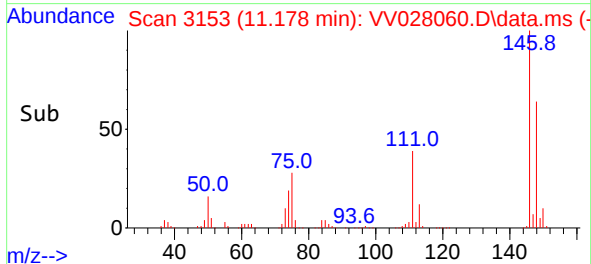
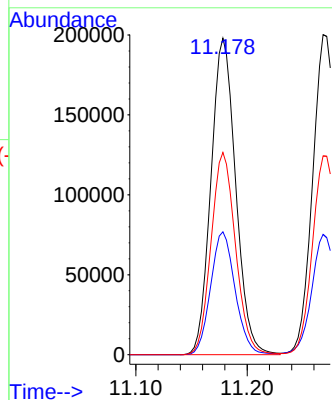


#64
1,3-Dichlorobenzene
Concen: 52.578 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

Instrument :
MSVOA_V
ClientSampleId :
VSTD050348

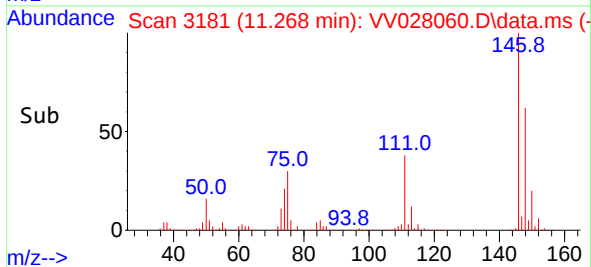
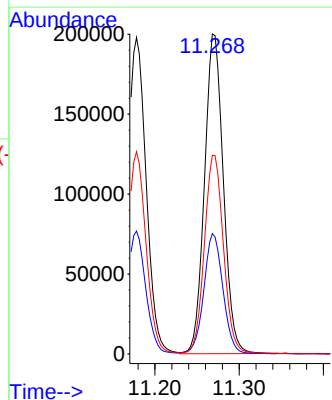
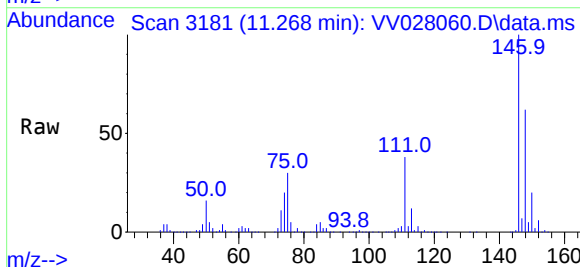


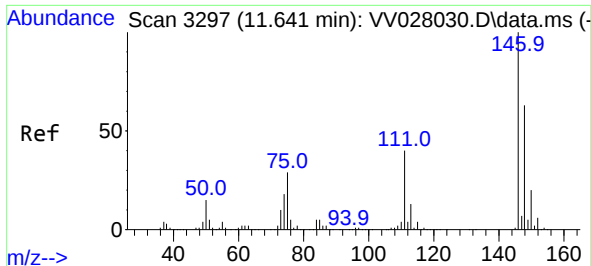
Tgt Ion:146 Resp: 305772
Ion Ratio Lower Upper
146 100
111 38.9 28.2 52.4
148 63.9 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 52.404 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

Tgt Ion:146 Resp: 312242
Ion Ratio Lower Upper
146 100
111 37.6 26.0 48.2
148 62.1 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 52.989 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV028060.D

Acq: 22 Sep 2022 13:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD050348

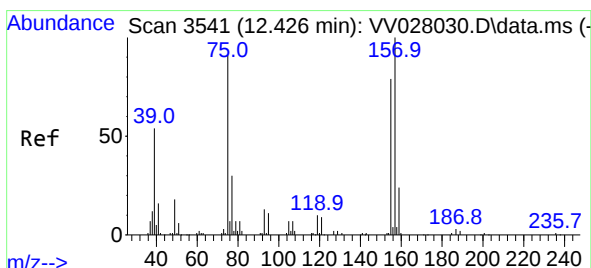
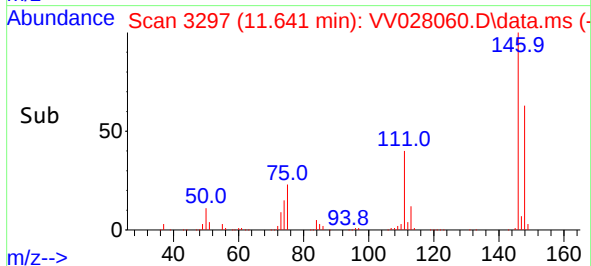
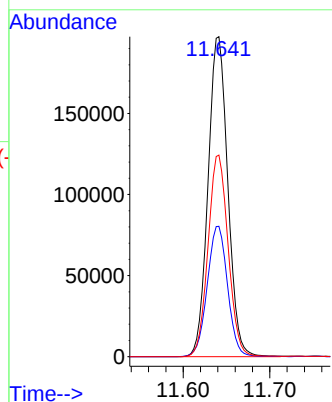
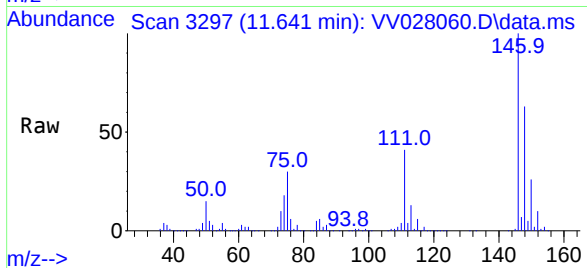
Tgt Ion:146 Resp: 313136

Ion Ratio Lower Upper

146 100

111 40.7 32.3 48.5

148 63.0 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 54.397 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV028060.D

Acq: 22 Sep 2022 13:04

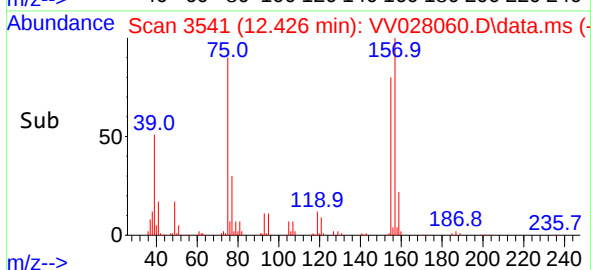
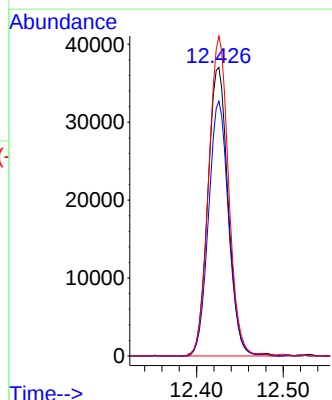
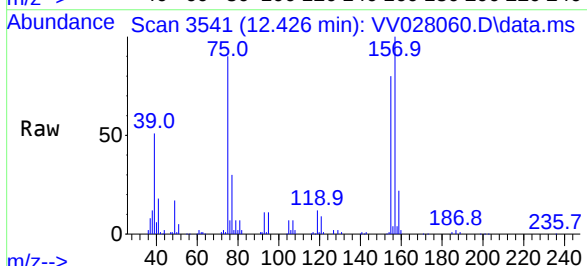
Tgt Ion: 75 Resp: 60537

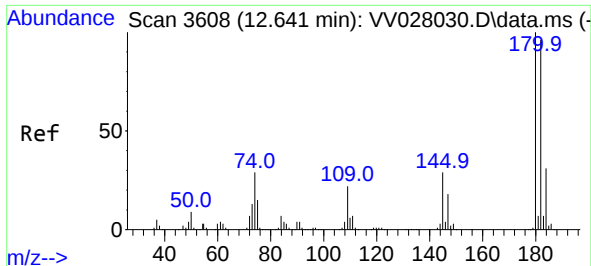
Ion Ratio Lower Upper

75 100

155 88.3 68.3 102.5

157 110.9 86.2 129.2





#69

1,3,5-Trichlorobenzene

Concen: 51.254 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.000 min

Lab File: VV028060.D

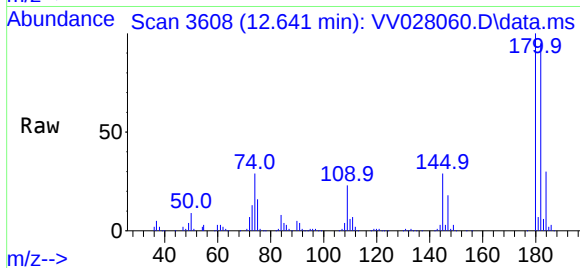
Acq: 22 Sep 2022 13:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD050348



Tgt Ion:180 Resp: 233743

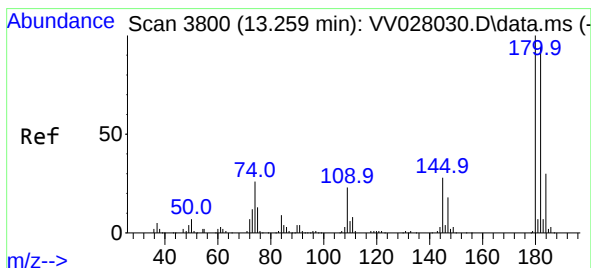
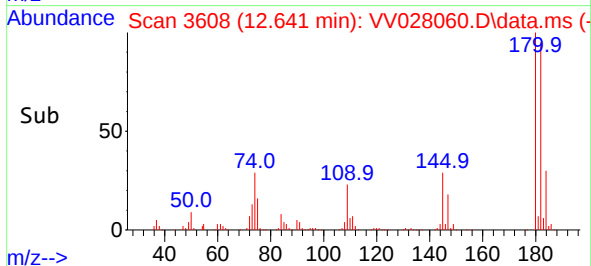
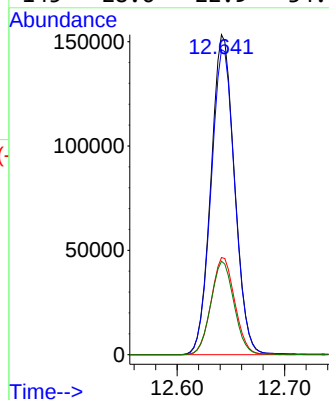
Ion Ratio Lower Upper

180 100

182 96.3 75.4 113.0

184 30.4 24.2 36.2

145 28.6 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 50.897 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV028060.D

Acq: 22 Sep 2022 13:04

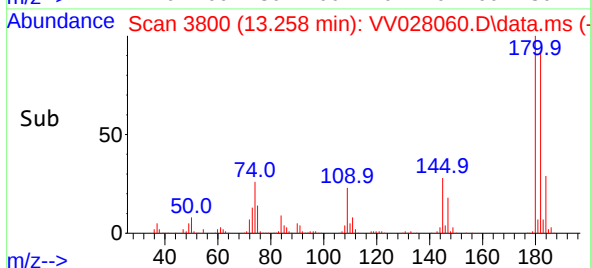
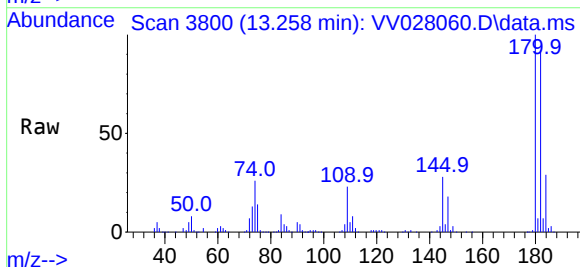
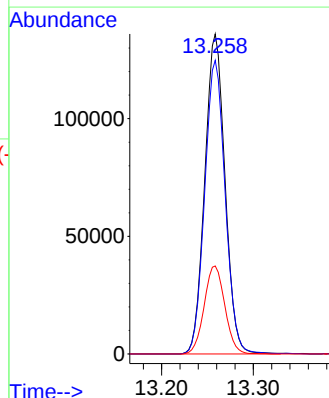
Tgt Ion:180 Resp: 208005

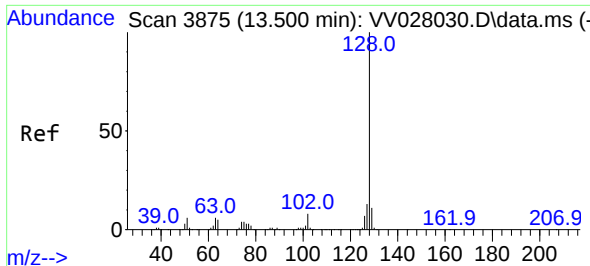
Ion Ratio Lower Upper

180 100

182 93.2 77.0 115.6

145 28.0 22.8 34.2



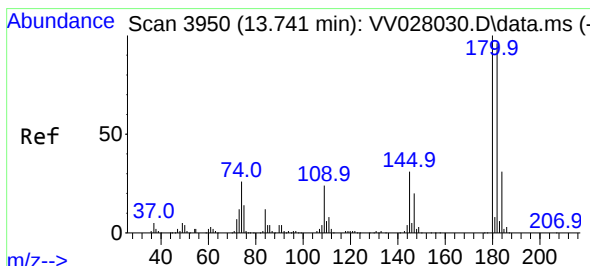
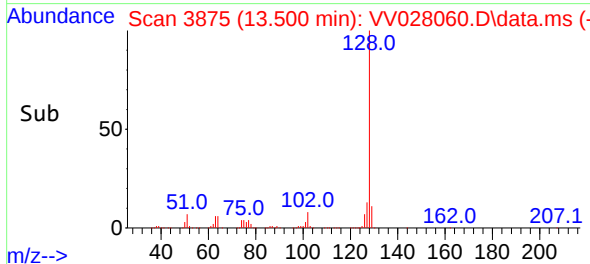
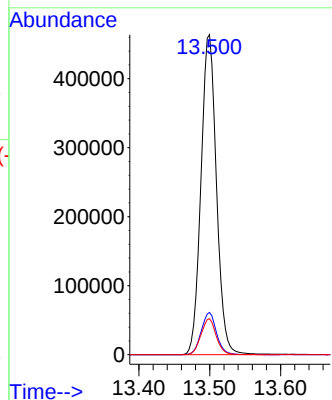
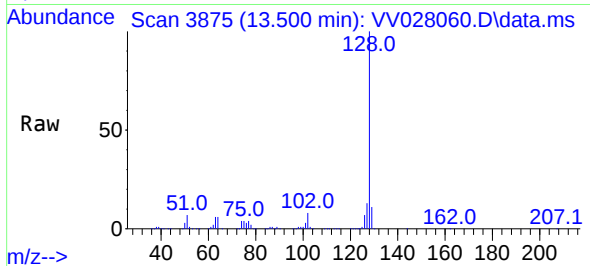


#71
Naphthalene
Concen: 53.737 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

Instrument :
MSVOA_V
ClientSampleId :
VSTD050348

Tgt Ion:128 Resp: 705057

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 53.254 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV028060.D
Acq: 22 Sep 2022 13:04

Tgt Ion:180 Resp: 224784

Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.0	115.4
145	31.5	25.1	37.7

