

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060123\
 Data File : VW031317.D
 Acq On : 01 Jun 2023 14:48
 Operator : SY/MD
 Sample : VSTD00555
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005255

Quant Time: Jun 02 02:05:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 02 02:03:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	130994	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	140277	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	75721	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	71426	6.224	ug/L	0.00
7) Chloroethane-d5	1.536	69	62095	5.308	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	33669	5.753	ug/L	0.00
20) 2-Butanone-d5	3.831	46	118761	33.049	ug/L	0.00
24) Chloroform-d	4.259	84	117569	4.607	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	64900	4.787	ug/L	0.00
32) Benzene-d6	4.966	84	227569	4.677	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	76888	4.513	ug/L	0.00
41) Toluene-d8	7.249	98	229334	5.227	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	28672	4.995	ug/L	0.00
46) 2-Hexanone-d5	8.037	63	114650	43.517	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	60024	4.569	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	71338	4.691	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	90830	4.418	ug/L	100
3) Chloromethane	1.217	50	87849	4.479	ug/L	100
5) Vinyl chloride	1.282	62	89220	4.532	ug/L	100
6) Bromomethane	1.491	94	49955	4.543	ug/L	100
8) Chloroethane	1.552	64	55410	4.492	ug/L	100
9) Trichlorofluoromethane	1.716	101	128155	4.352	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	72103	4.373	ug/L	100
12) 1,1-Dichloroethene	2.073	96	60973	4.380	ug/L	100
13) Acetone	2.153	43	124154	38.402	ug/L	87
14) Carbon disulfide	2.243	76	184255	4.408	ug/L	100
15) Methyl Acetate	2.394	43	29999	5.128	ug/L	100
16) Methylene chloride	2.452	84	69264	3.680	ug/L	100
17) Methyl tert-butyl Ether	2.712	73	135543	4.491	ug/L	100
18) trans-1,2-Dichloroethene	2.700	96	57261	4.349	ug/L	100
19) 1,1-Dichloroethane	3.118	63	128797	4.418	ug/L	100
21) 2-Butanone	3.908	43	162294	39.478	ug/L	90
22) cis-1,2-Dichloroethene	3.825	96	56962	4.152	ug/L	100
23) Bromochloromethane	4.159	128	28746	4.656	ug/L	100
25) Chloroform	4.285	83	140455	4.588	ug/L	100
27) 1,2-Dichloroethane	5.053	62	79024	4.667	ug/L	100
29) 1,1,1-Trichloroethane	4.519	97	112173	4.140	ug/L	100
30) Cyclohexane	4.590	56	102500	4.068	ug/L	100
31) Carbon tetrachloride	4.741	117	99848	4.120	ug/L	100
33) Benzene	5.018	78	252701	4.289	ug/L	100
34) Trichloroethene	5.841	95	64513	3.993	ug/L	100
35) Methylcyclohexane	6.056	83	98797	4.139	ug/L	100
37) 1,2-Dichloropropane	6.101	63	67546	4.270	ug/L	100
38) Bromodichloromethane	6.439	83	93008	4.345	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	93903	4.354	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	458254	48.278	ug/L	100
42) Toluene	7.323	91	276742	4.503	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	82459	4.607	ug/L	100

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

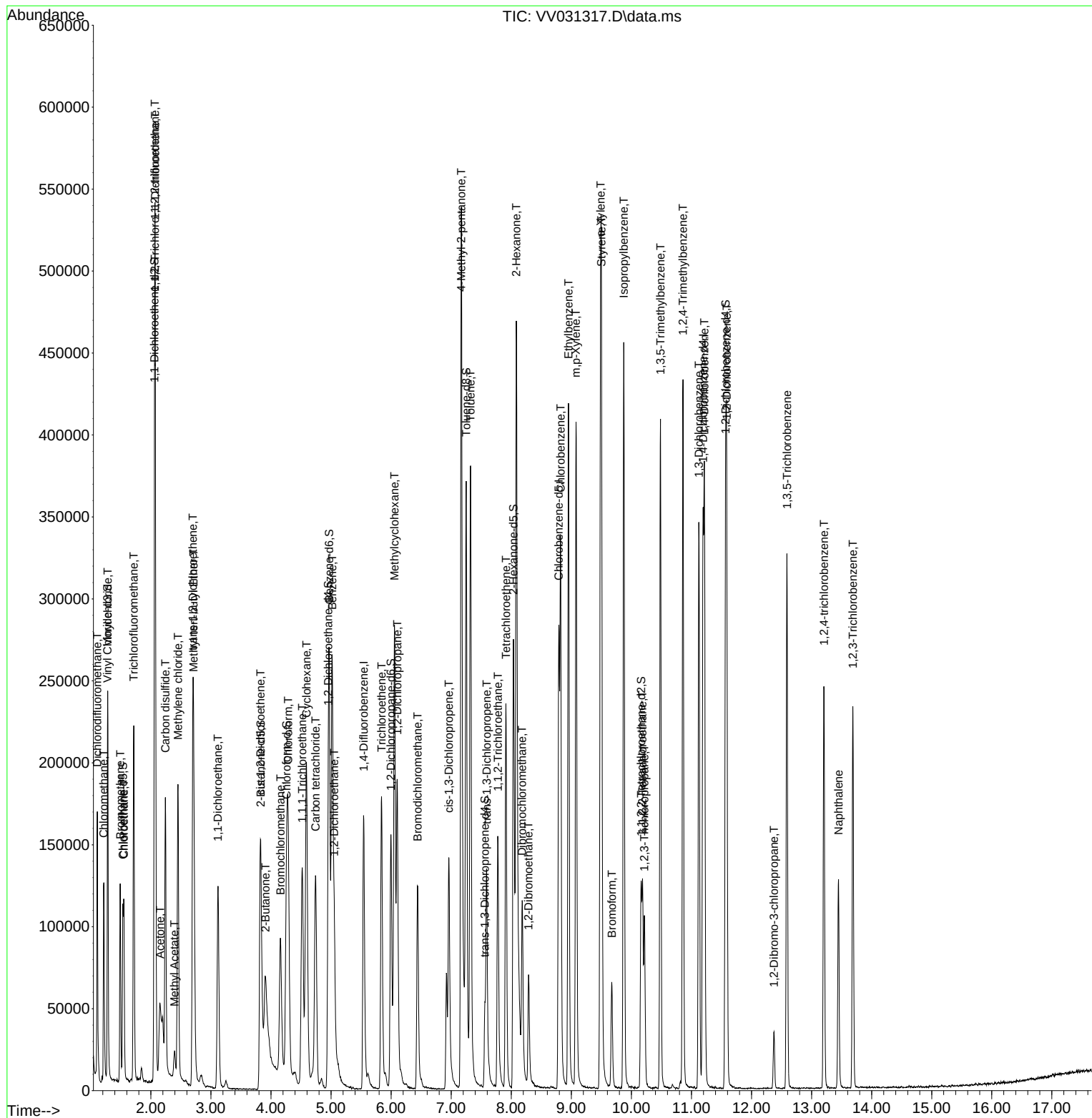
45) 1,1,2-Trichloroethane	7.776	97	50266	4.536	ug/L	100
47) Tetrachloroethene	7.912	164	52407	4.260	ug/L	100
48) 2-Hexanone	8.085	43	361688	50.212	ug/L	100
49) Dibromochloromethane	8.182	129	55704	4.440	ug/L	100
50) 1,2-Dibromoethane	8.288	107	47885	4.503	ug/L	100
51) Chlorobenzene	8.821	112	161994	4.293	ug/L	100
52) Ethylbenzene	8.953	91	278802	4.322	ug/L	100
53) m,p-Xylene	9.079	106	104094	4.486	ug/L	100
54) o-Xylene	9.487	106	95067	4.355	ug/L	100
55) Styrene	9.503	104	177458	4.600	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	60214	4.557	ug/L	100
59) Bromoform	9.674	173	29317	4.191	ug/L	100
60) Isopropylbenzene	9.873	105	266800	4.300	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	43291	4.446	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	208780	4.139	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	220915	4.274	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	129943	4.335	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	132410	4.382	ug/L	100
67) 1,2-Dichlorobenzene	11.587	146	121283	4.373	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	9685	4.343	ug/L	100
69) 1,3,5-Trichlorobenzene	12.590	180	91276	4.127	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	69162	4.222	ug/L	100
71) Naphthalene	13.448	128	92901	4.043	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	63497	4.196	ug/L	100

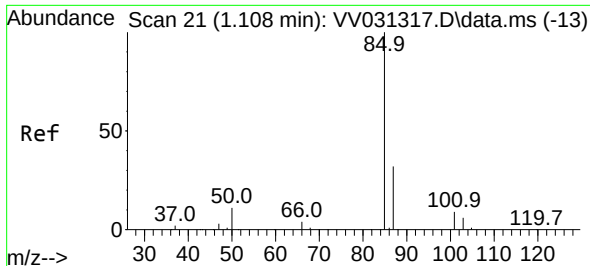
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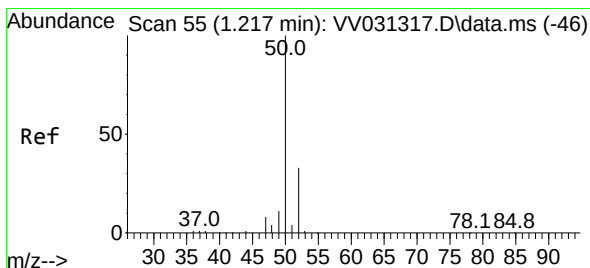
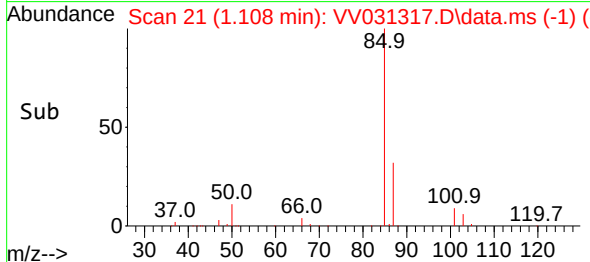
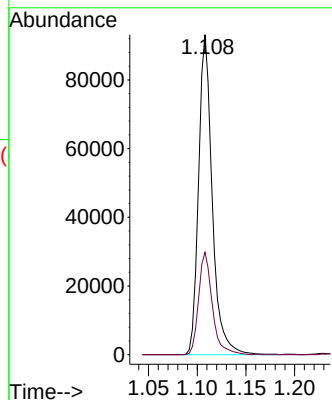
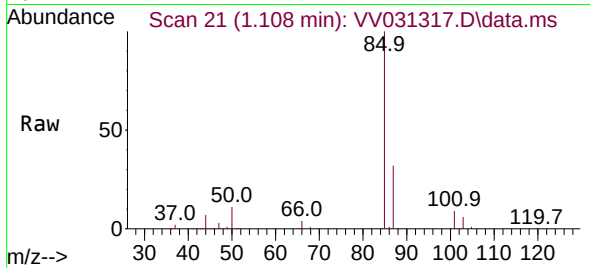




#2
Dichlorodifluoromethane
Concen: 4.418 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

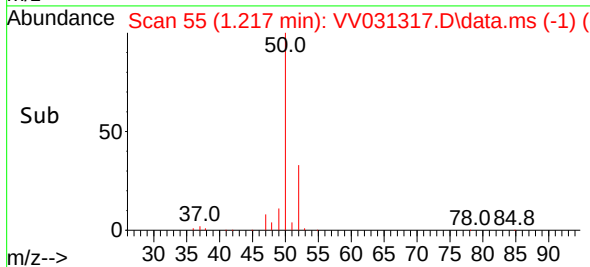
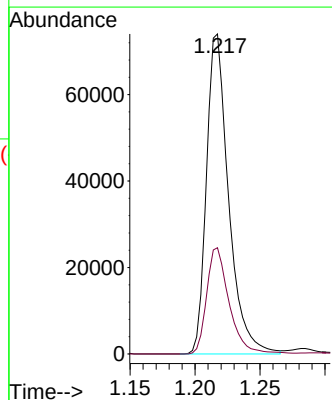
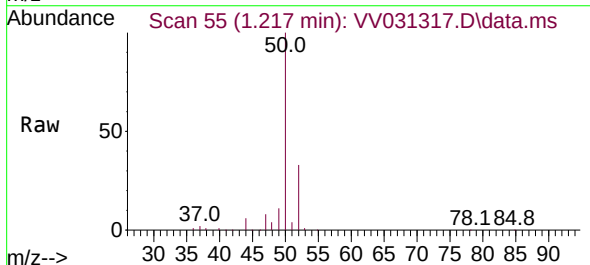
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MSVOA_V
ClientSampleId :
VSTD005255

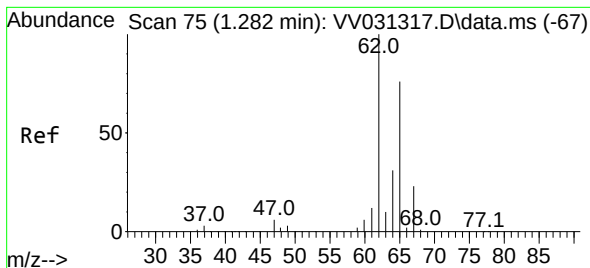
Tgt Ion: 85 Resp: 90830
Ion Ratio Lower Upper
85 100
87 32.0 25.6 38.4



#3
Chloromethane
Concen: 4.479 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

Tgt Ion: 50 Resp: 87849
Ion Ratio Lower Upper
50 100
52 33.2 23.2 43.2





#5

Vinyl chloride

Concen: 4.532 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV031317.D

Acq: 01 Jun 2023 14:48

Instrument :

MSVOA_V

ClientSampleId :

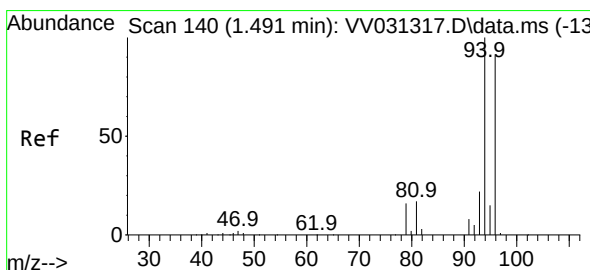
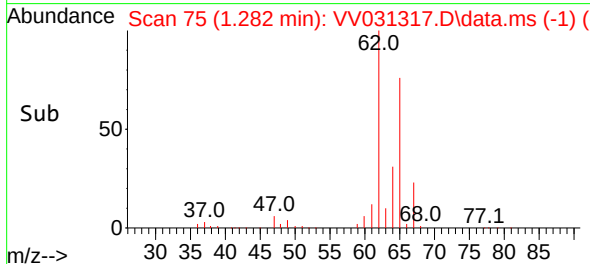
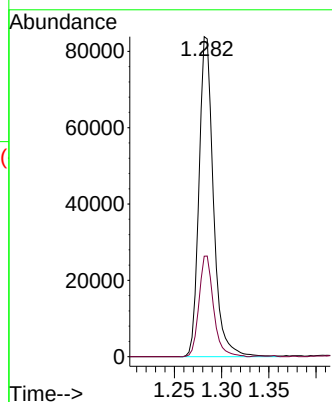
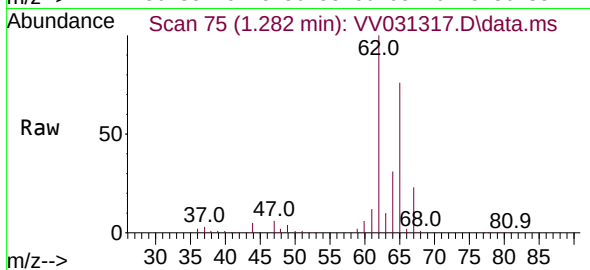
VSTD005255

Tgt Ion: 62 Resp: 89220

Ion Ratio Lower Upper

62 100

64 31.4 22.0 40.8



#6

Bromomethane

Concen: 4.543 ug/L

RT: 1.491 min Scan# 140

Delta R.T. 0.000 min

Lab File: VV031317.D

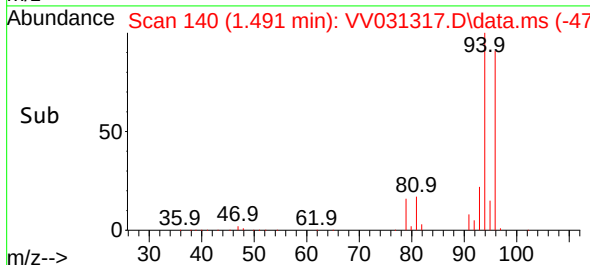
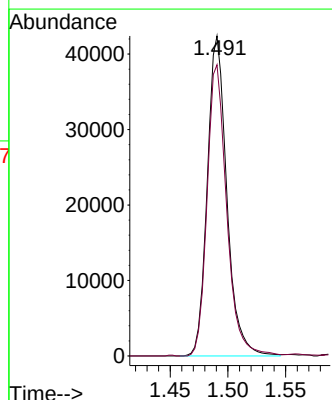
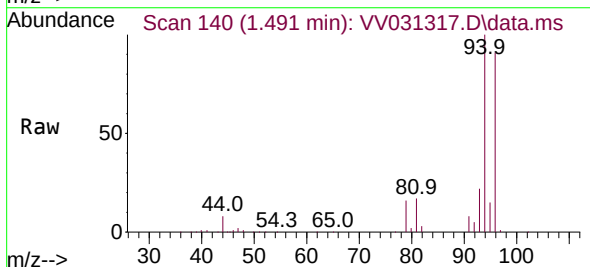
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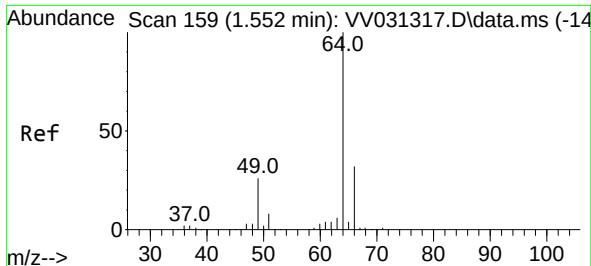
Tgt Ion: 94 Resp: 49955

Ion Ratio Lower Upper

94 100

96 91.0 63.7 118.3

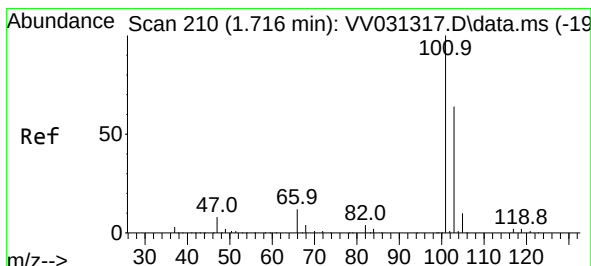
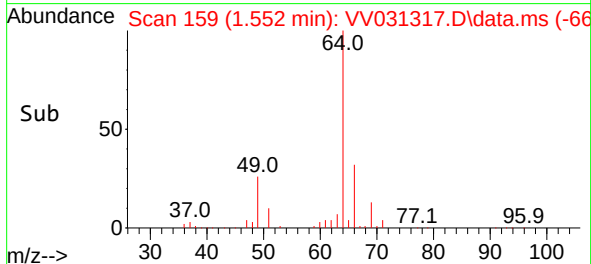
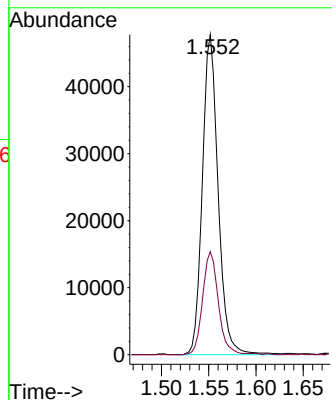
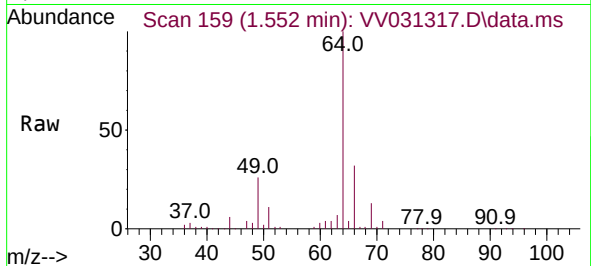




#8
Chloroethane
Concen: 4.492 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

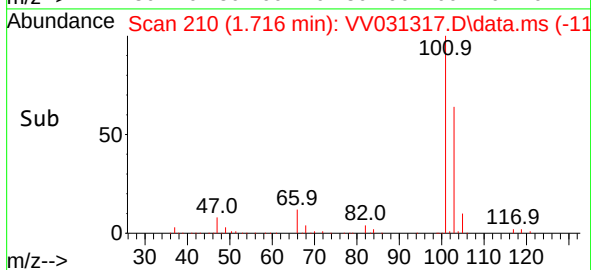
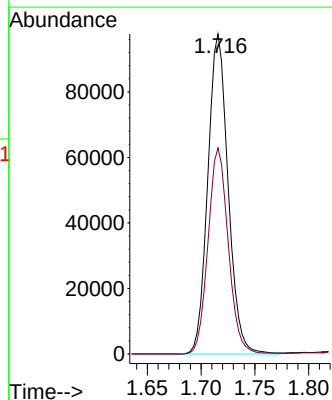
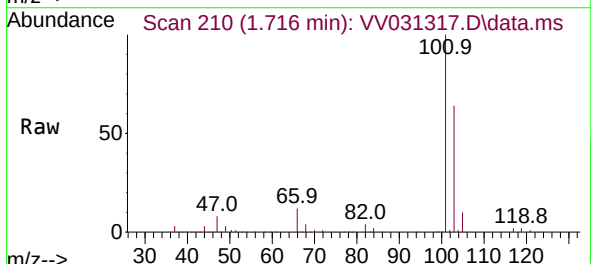
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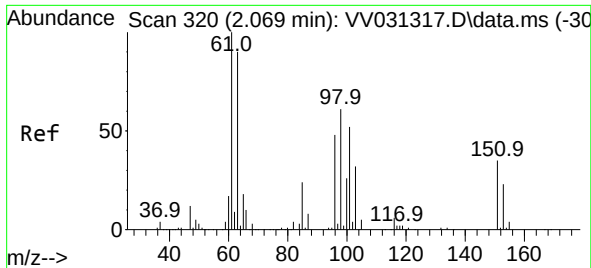
Tgt Ion: 64 Resp: 55410
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.352 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

Tgt Ion:101 Resp: 128155
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

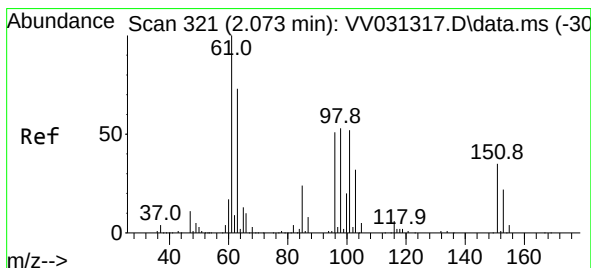
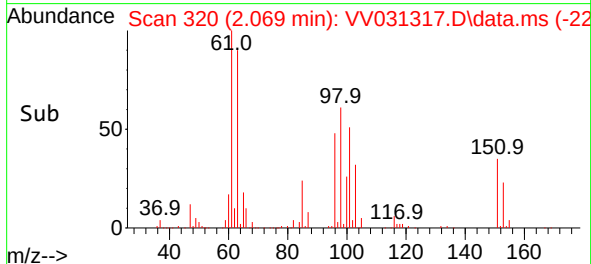
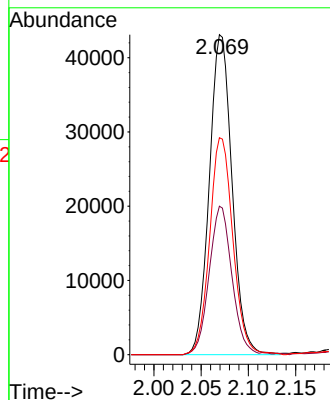
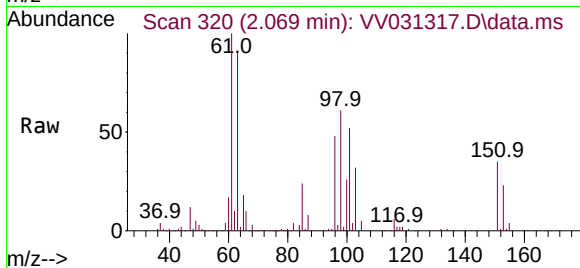




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.373 ug/L
 RT: 2.069 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VV031317.D
 Acq: 01 Jun 2023 14:48

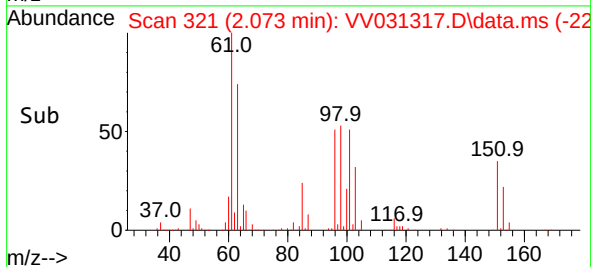
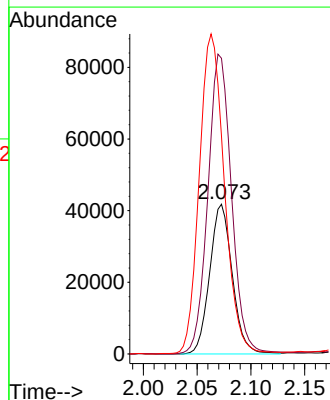
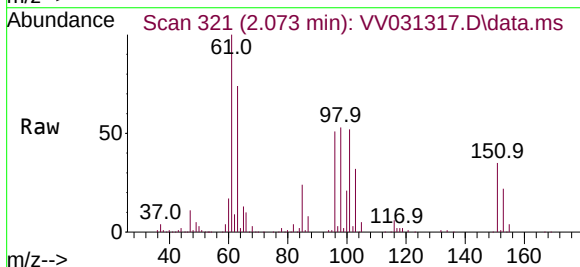
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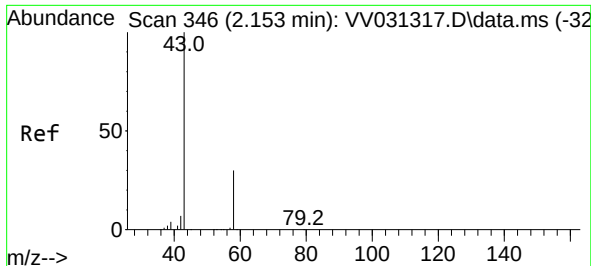
Tgt Ion:101 Resp: 72103
 Ion Ratio Lower Upper
 101 100
 85 46.5 37.2 55.8
 151 69.4 55.5 83.3



#12
 1,1-Dichloroethene
 Concen: 4.380 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV031317.D
 Acq: 01 Jun 2023 14:48

Tgt Ion: 96 Resp: 60973
 Ion Ratio Lower Upper
 96 100
 61 197.5 138.3 256.8
 63 145.6 101.9 189.3





#13

Acetone

Concen: 38.402 ug/L

RT: 2.153 min Scan# 346

Delta R.T. 0.000 min

Lab File: VV031317.D

Acq: 01 Jun 2023 14:48

Instrument :

MSVOA_V

ClientSampleId :

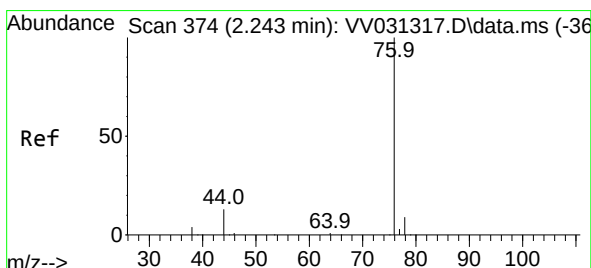
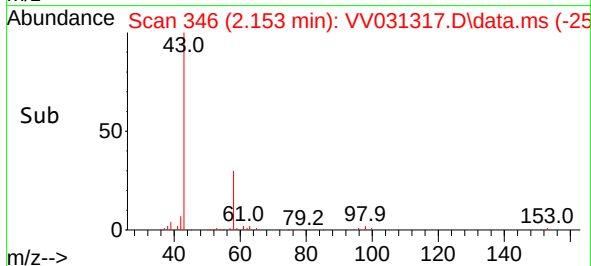
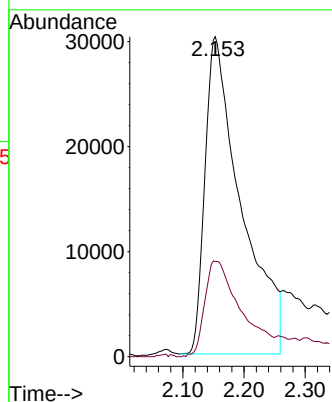
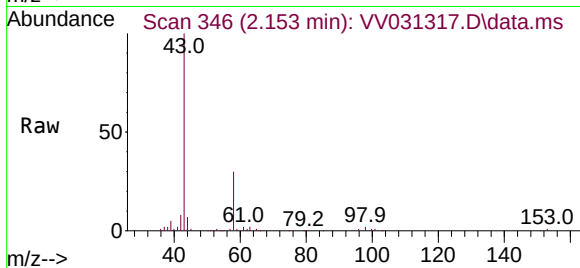
VSTD005255

Tgt Ion: 43 Resp: 124154

Ion Ratio Lower Upper

43 100

58 30.5 0.0 48.4



#14

Carbon disulfide

Concen: 4.408 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV031317.D

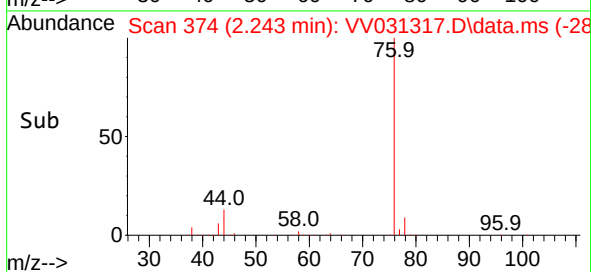
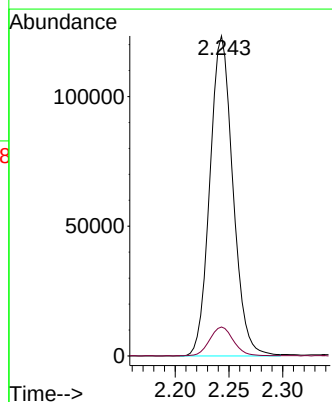
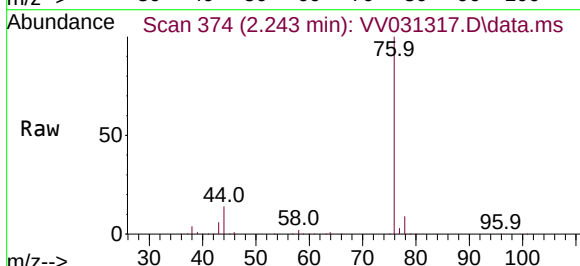
Acq: 01 Jun 2023 14:48

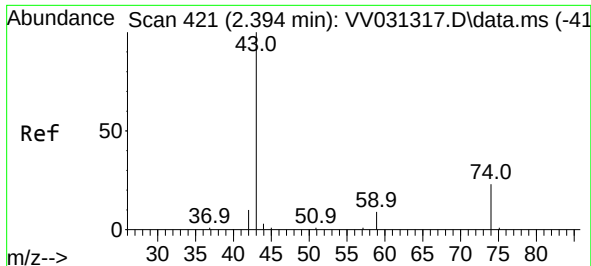
Tgt Ion: 76 Resp: 184255

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

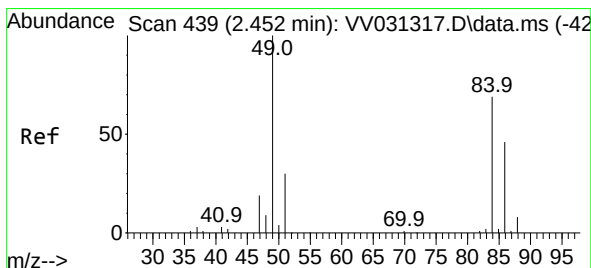
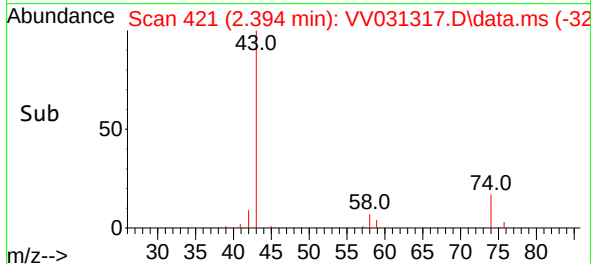
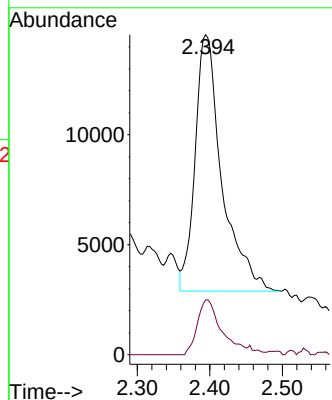
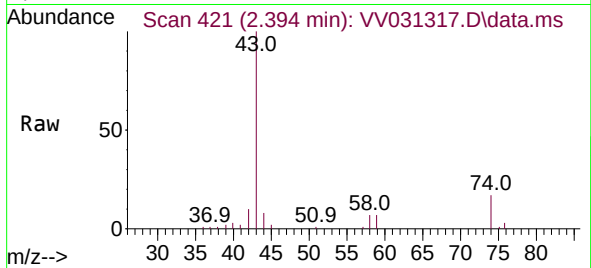




#15
Methyl Acetate
Concen: 5.128 ug/L
RT: 2.394 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

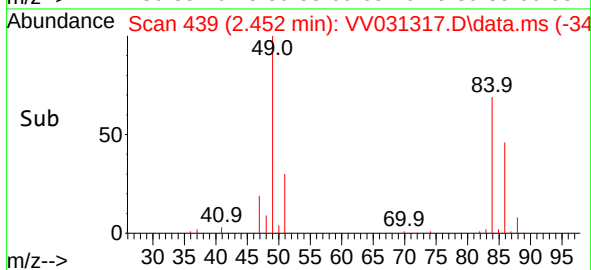
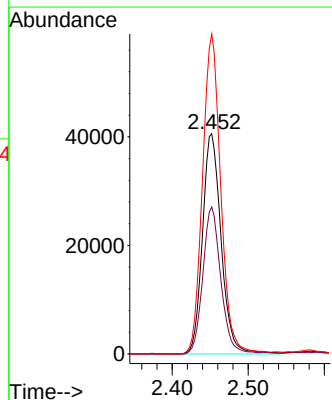
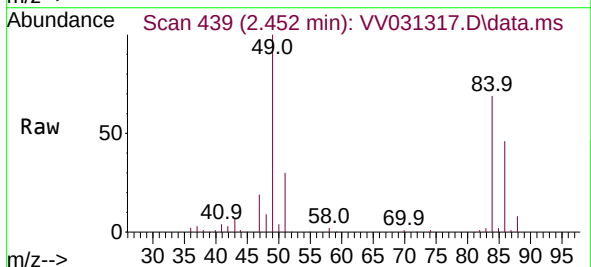
Instrument :
MSVOA_V
ClientSampleId :
VSTD005255

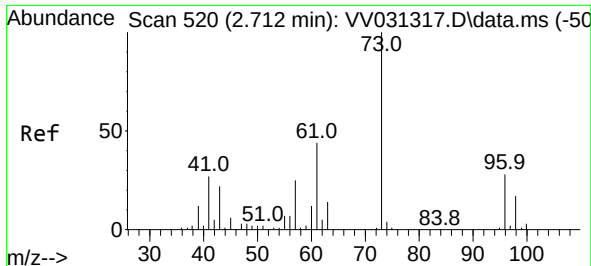
Tgt Ion: 43 Resp: 29999
Ion Ratio Lower Upper
43 100
74 20.2 16.2 24.2



#16
Methylene chloride
Concen: 3.680 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

Tgt Ion: 84 Resp: 69264
Ion Ratio Lower Upper
84 100
86 66.7 46.7 86.7
49 145.2 101.6 188.8

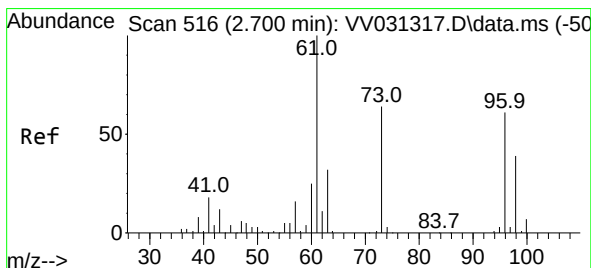
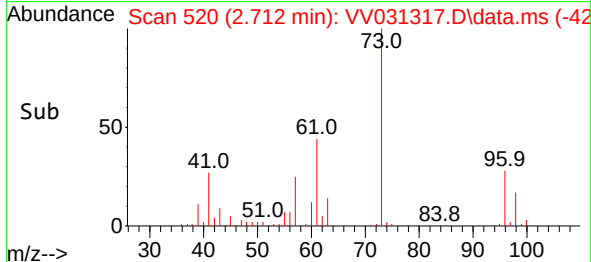
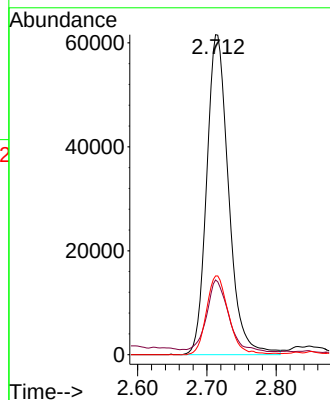
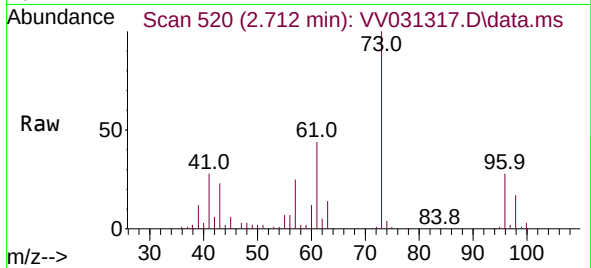




#17
Methyl tert-butyl Ether
Concen: 4.491 ug/L
RT: 2.712 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

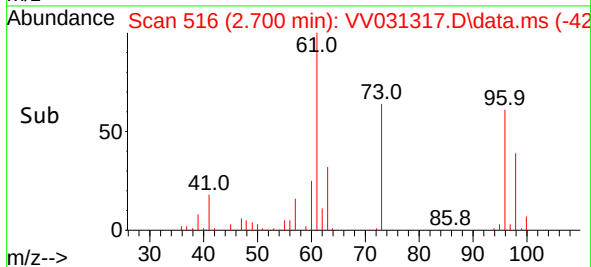
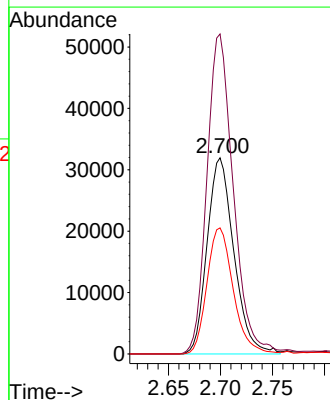
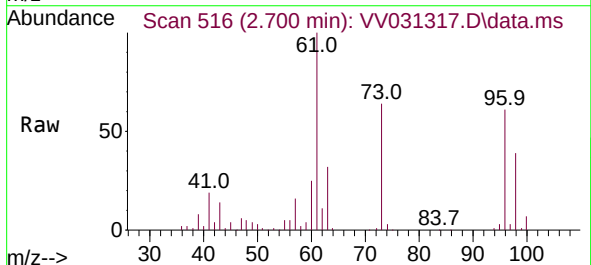
Instrument :
MSVOA_V
ClientSampleId :
VSTD005255

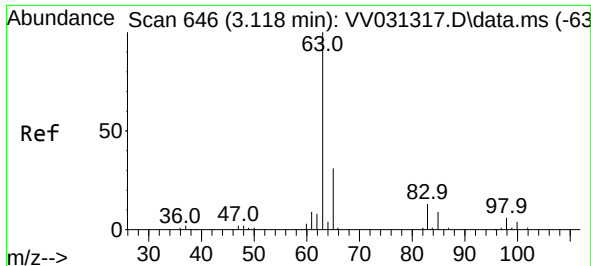
Tgt Ion: 73 Resp: 135543
Ion Ratio Lower Upper
73 100
43 22.3 17.8 26.8
57 24.8 19.8 29.8



#18
trans-1,2-Dichloroethene
Concen: 4.349 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

Tgt Ion: 96 Resp: 57261
Ion Ratio Lower Upper
96 100
61 163.1 114.2 212.0
98 64.3 45.0 83.6

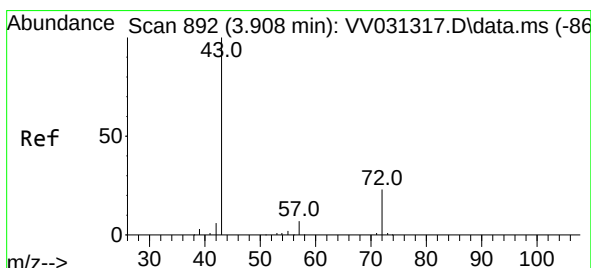
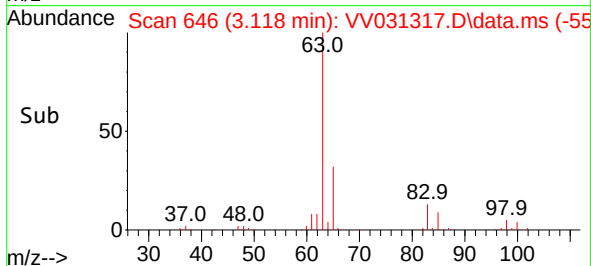
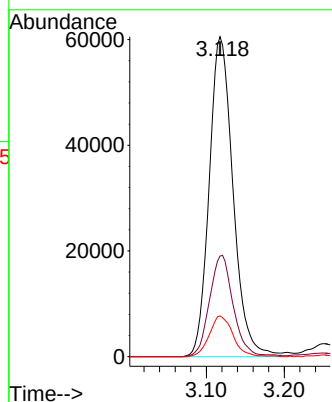
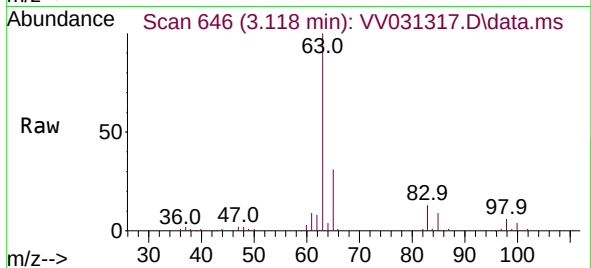




#19
1,1-Dichloroethane
Concen: 4.418 ug/L
RT: 3.118 min Scan# 646
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

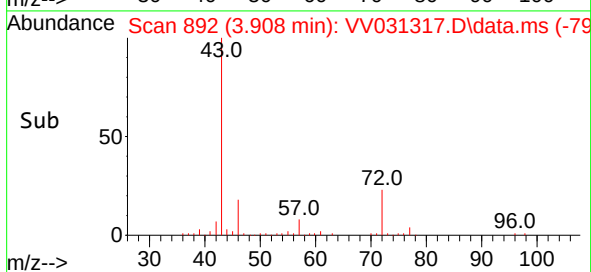
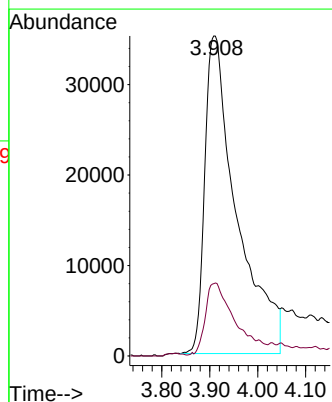
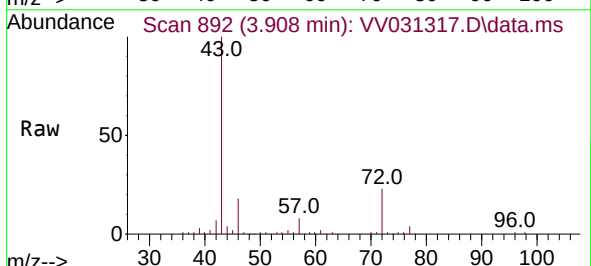
Instrument :
MSVOA_V
ClientSampleId :
VSTD005255

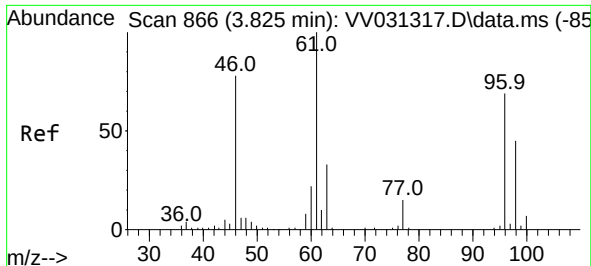
Tgt Ion: 63 Resp: 128797
Ion Ratio Lower Upper
63 100
65 31.4 22.0 40.8
83 12.8 9.0 16.6



#21
2-Butanone
Concen: 39.478 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

Tgt Ion: 43 Resp: 162294
Ion Ratio Lower Upper
43 100
72 20.1 7.8 23.5

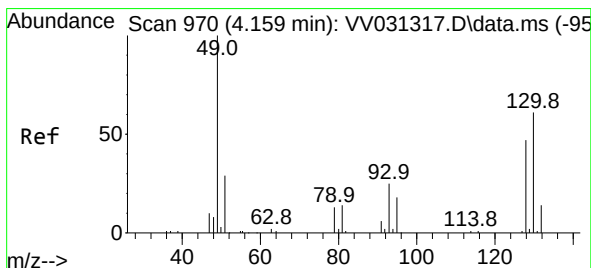
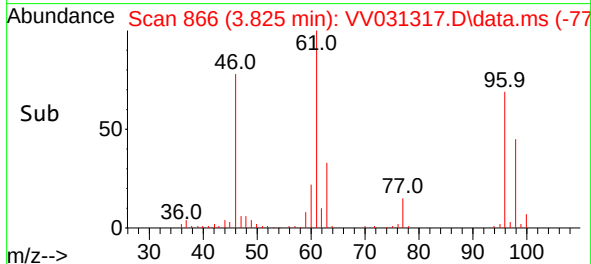
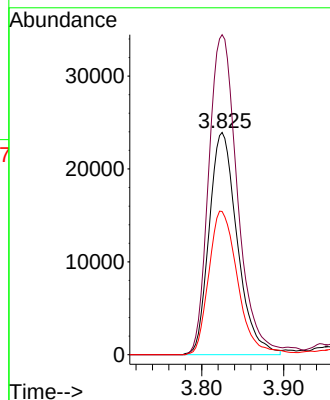
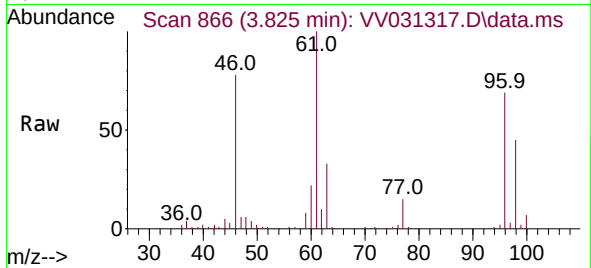




#22
 cis-1,2-Dichloroethene
 Concen: 4.152 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VV031317.D
 Acq: 01 Jun 2023 14:48

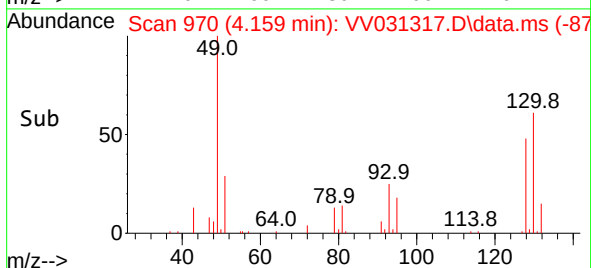
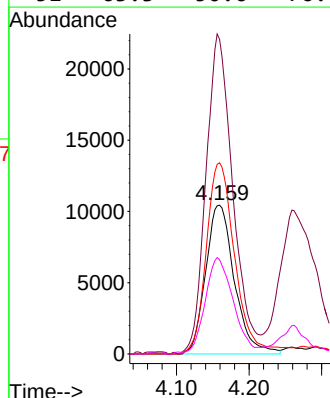
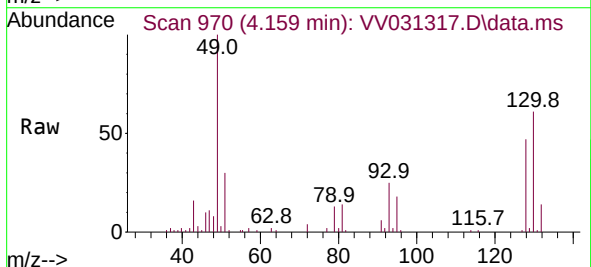
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005255

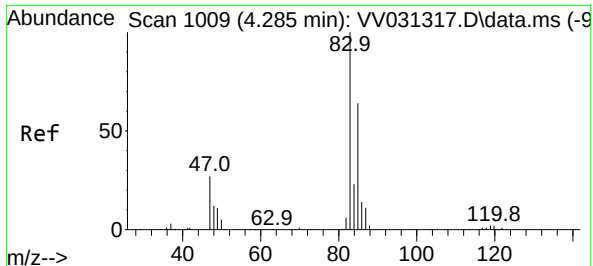
Tgt Ion: 96 Resp: 56962
 Ion Ratio Lower Upper
 96 100
 61 144.0 100.8 187.2
 98 64.5 45.1 83.9



#23
 Bromochloromethane
 Concen: 4.656 ug/L
 RT: 4.159 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VV031317.D
 Acq: 01 Jun 2023 14:48

Tgt Ion: 128 Resp: 28746
 Ion Ratio Lower Upper
 128 100
 49 211.5 148.1 275.0
 130 128.4 89.9 166.9
 51 63.3 50.6 76.0

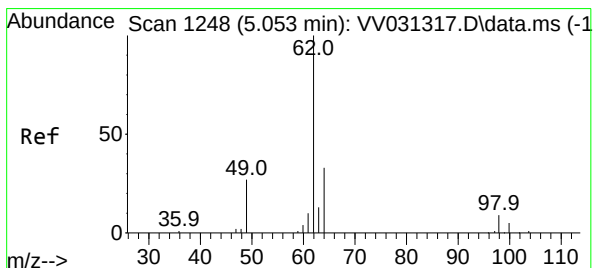
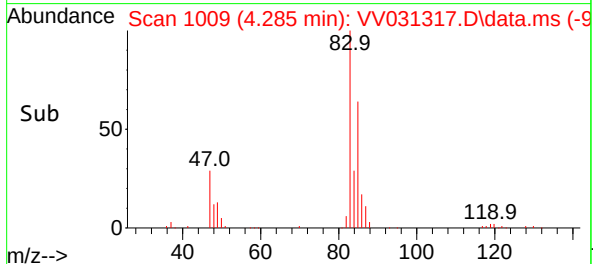
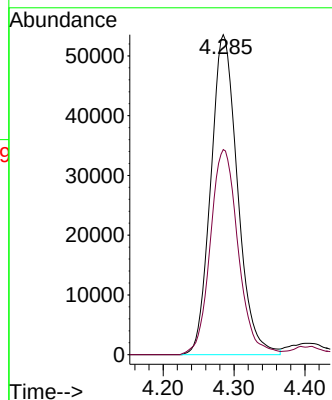
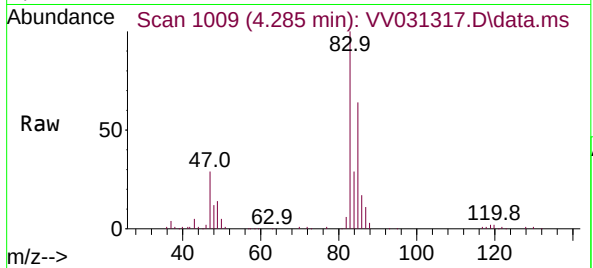




#25
Chloroform
Concen: 4.588 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

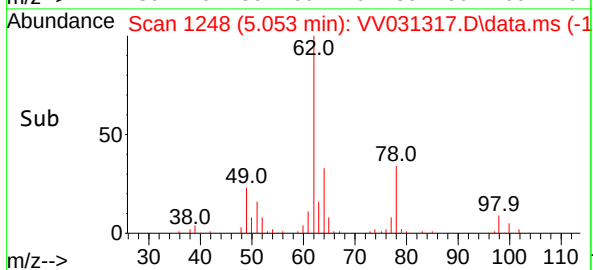
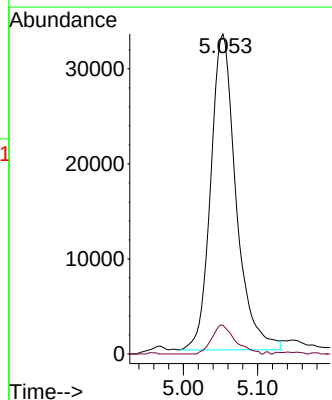
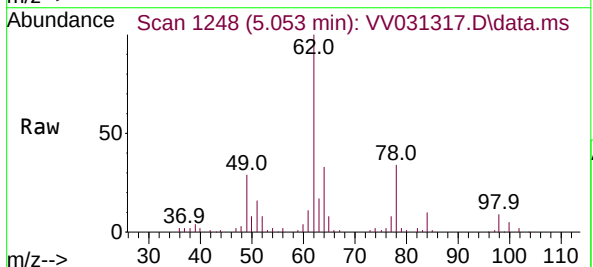
Instrument :
MSVOA_V
ClientSampleId :
VSTD005255

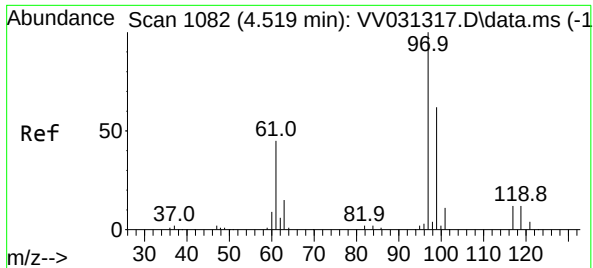
Tgt Ion: 83 Resp: 140455
Ion Ratio Lower Upper
83 100
85 64.1 44.9 83.3



#27
1,2-Dichloroethane
Concen: 4.667 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

Tgt Ion: 62 Resp: 79024
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8





#29

1,1,1-Trichloroethane

Concen: 4.140 ug/L

RT: 4.519 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV031317.D

Acq: 01 Jun 2023 14:48

Instrument :

MSVOA_V

ClientSampleId :

VSTD005255

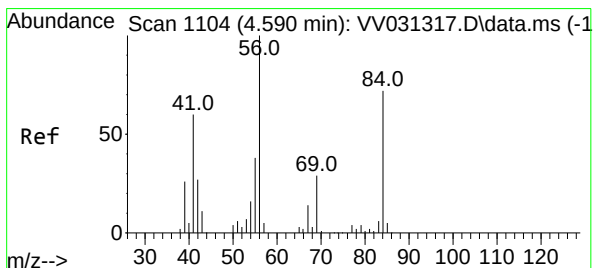
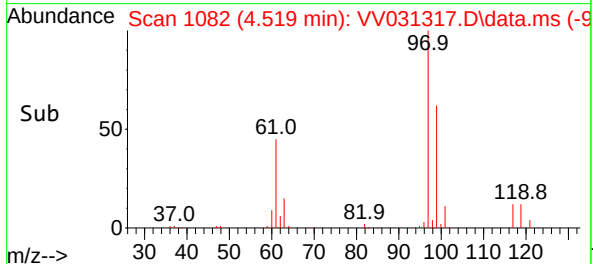
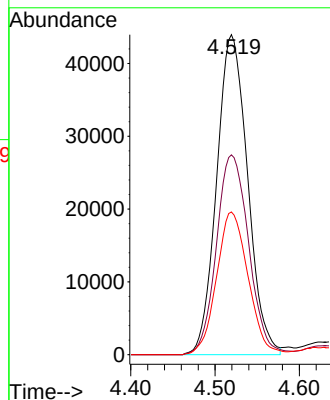
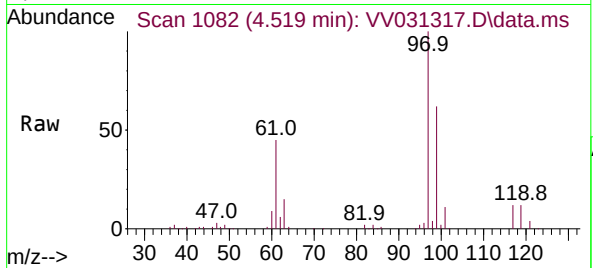
Tgt Ion: 97 Resp: 112173

Ion Ratio Lower Upper

97 100

99 65.3 52.2 78.4

61 45.5 36.4 54.6



#30

Cyclohexane

Concen: 4.068 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VV031317.D

Acq: 01 Jun 2023 14:48

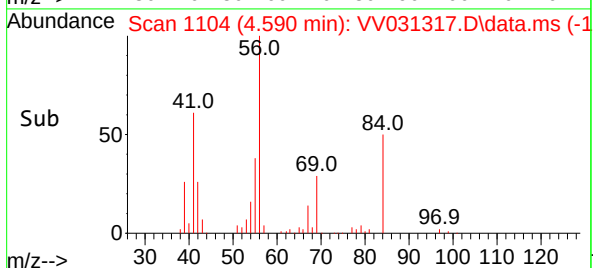
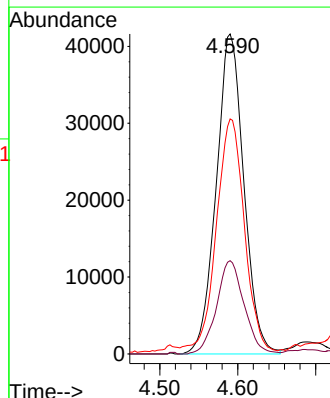
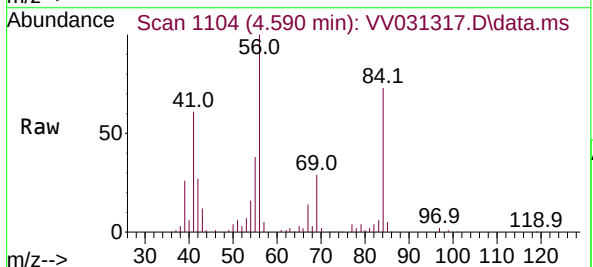
Tgt Ion: 56 Resp: 102500

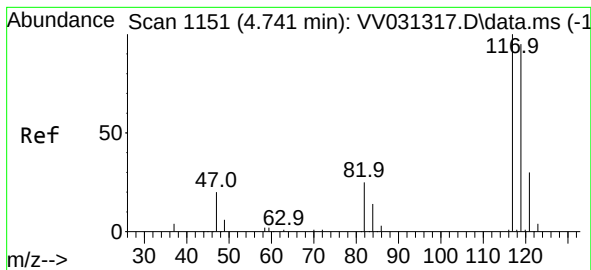
Ion Ratio Lower Upper

56 100

69 29.0 23.2 34.8

84 73.1 58.5 87.7





#31

Carbon tetrachloride

Concen: 4.120 ug/L

RT: 4.741 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VV031317.D

Acq: 01 Jun 2023 14:48

Instrument :

MSVOA_V

ClientSampleId :

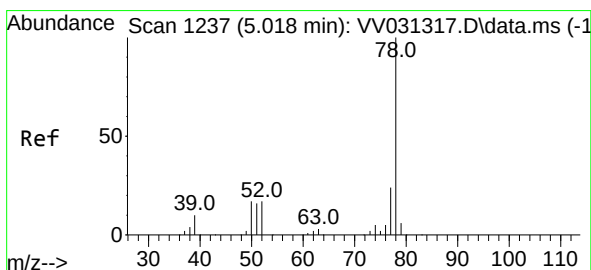
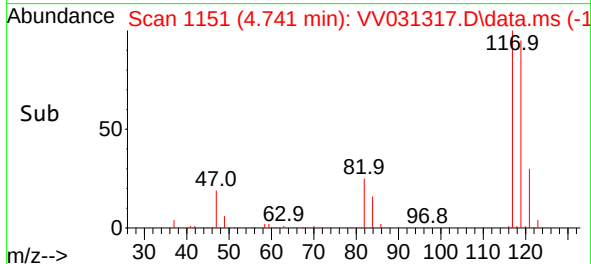
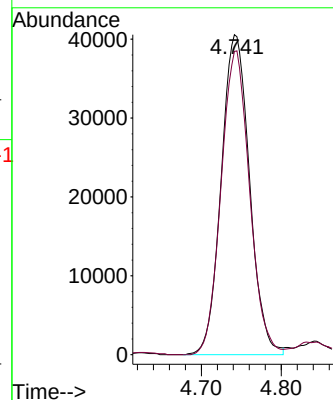
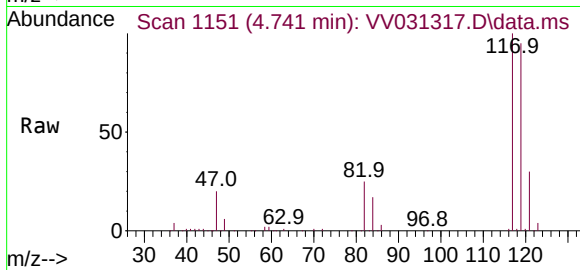
VSTD005255

Tgt Ion:117 Resp: 99848

Ion Ratio Lower Upper

117 100

119 95.4 76.3 114.5



#33

Benzene

Concen: 4.289 ug/L

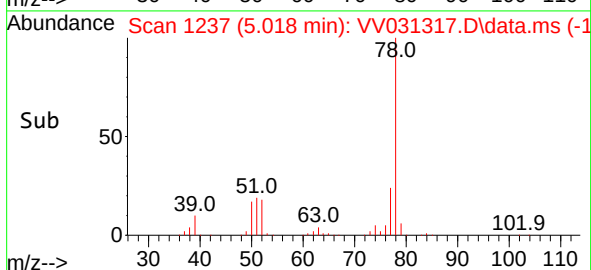
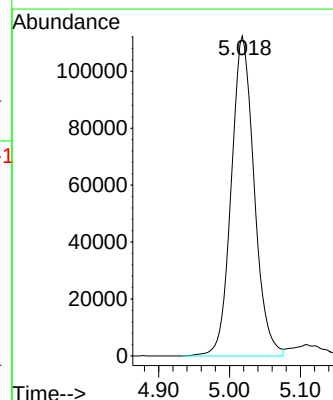
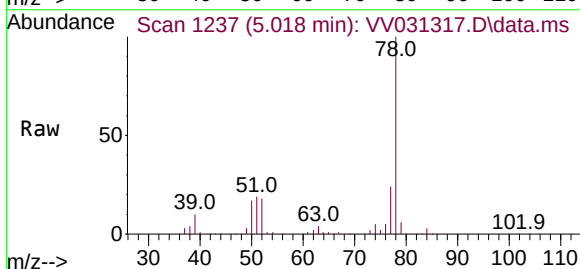
RT: 5.018 min Scan# 1237

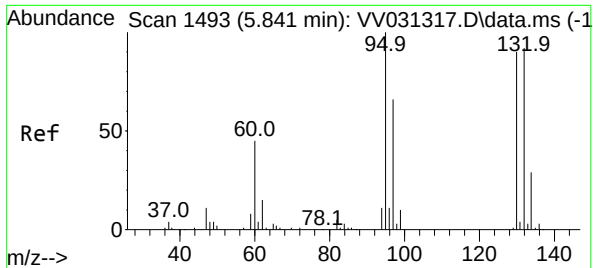
Delta R.T. 0.000 min

Lab File: VV031317.D

Acq: 01 Jun 2023 14:48

Tgt Ion: 78 Resp: 252701



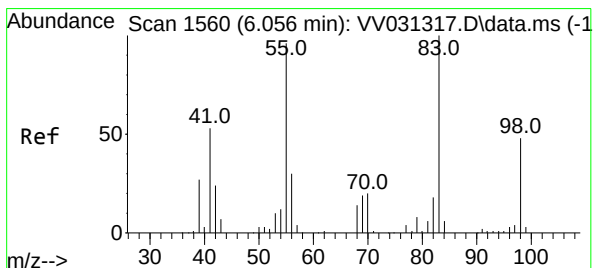
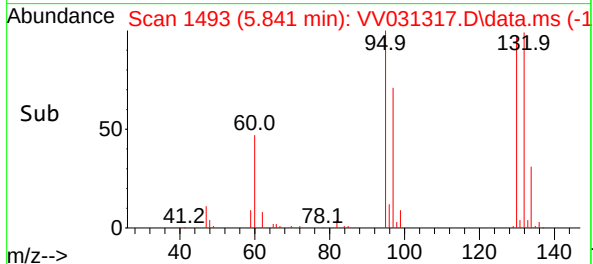
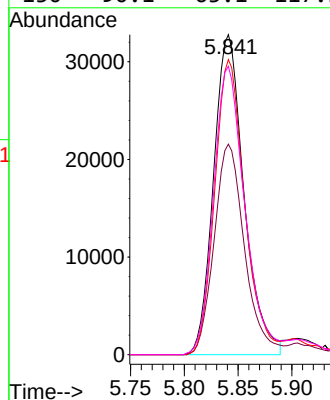
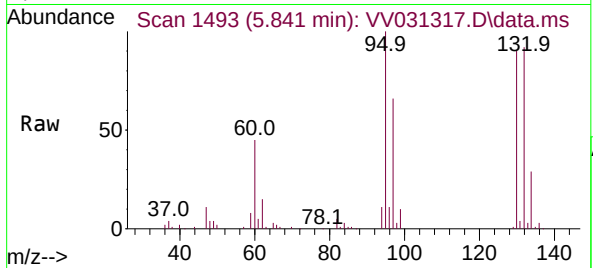


#34
Trichloroethene
Concen: 3.993 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

Instrument :
MSVOA_V
ClientSampleId :
VSTD005255

Tgt Ion: 95 Resp: 64513

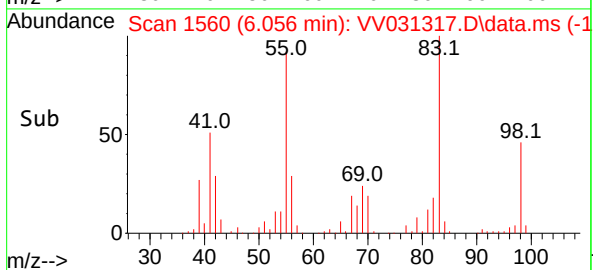
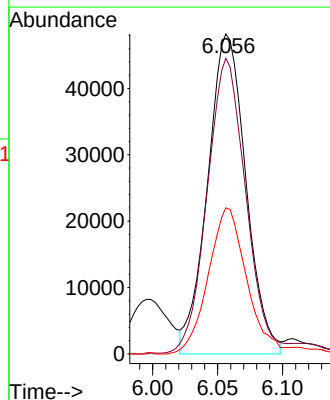
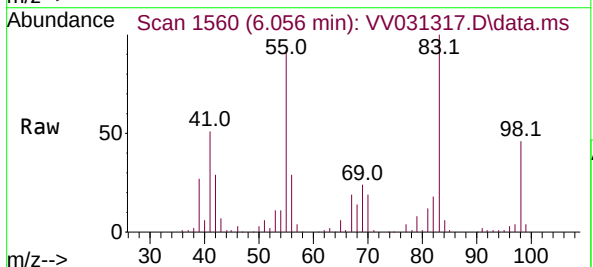
Ion	Ratio	Lower	Upper
95	100		
97	65.8	46.1	85.5
132	92.2	64.5	119.9
130	90.1	63.1	117.1

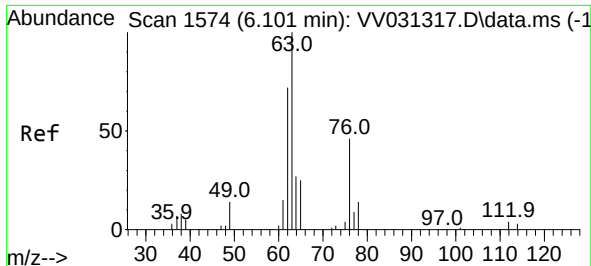


#35
Methylcyclohexane
Concen: 4.139 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

Tgt Ion: 83 Resp: 98797

Ion	Ratio	Lower	Upper
83	100		
55	93.3	74.6	112.0
98	45.6	36.5	54.7





#37

1,2-Dichloropropane

Concen: 4.270 ug/L

RT: 6.101 min Scan# 1574

Delta R.T. 0.000 min

Lab File: VV031317.D

Acq: 01 Jun 2023 14:48

Instrument :

MSVOA_V

ClientSampleId :

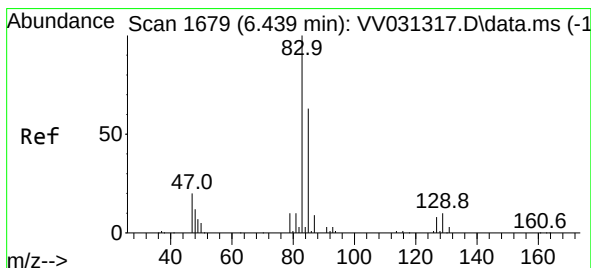
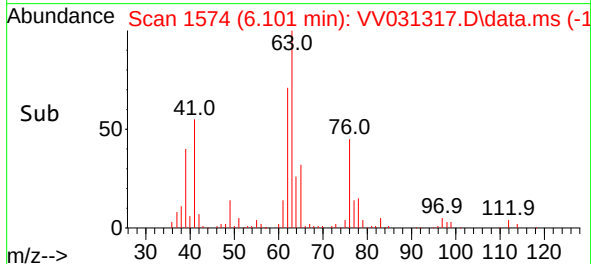
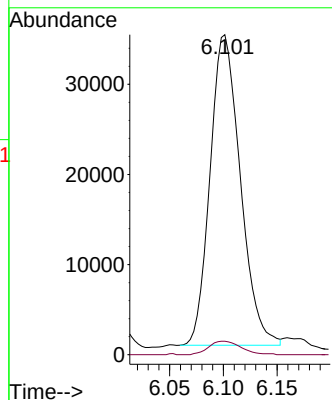
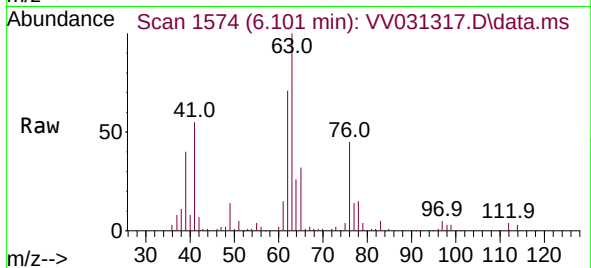
VSTD005255

Tgt Ion: 63 Resp: 67546

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 4.345 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VV031317.D

Acq: 01 Jun 2023 14:48

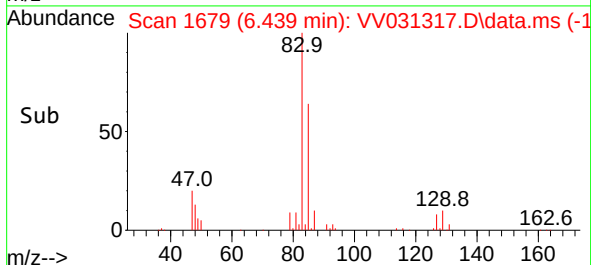
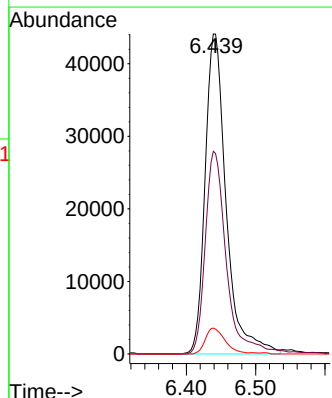
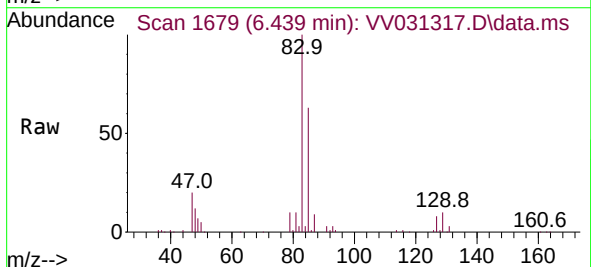
Tgt Ion: 83 Resp: 93008

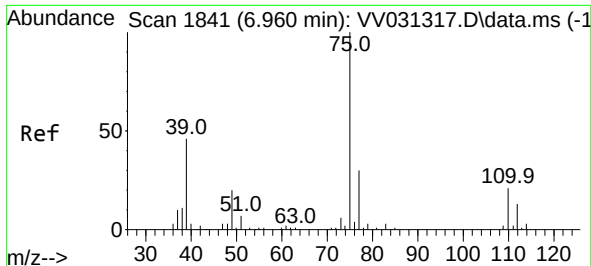
Ion Ratio Lower Upper

83 100

85 63.3 44.3 82.3

127 8.1 6.5 9.7

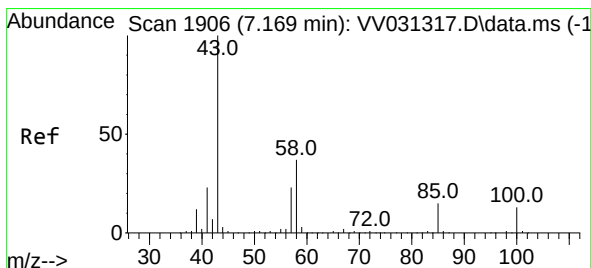
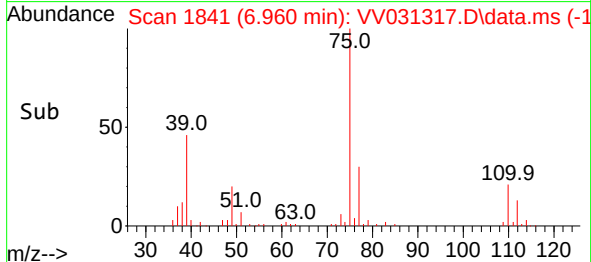
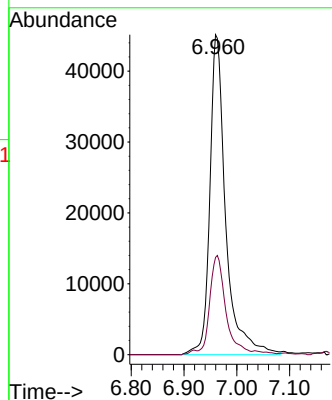
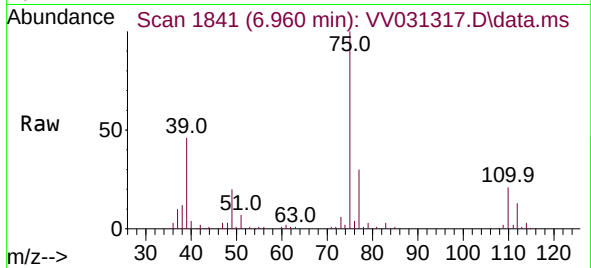




#39
 cis-1,3-Dichloropropene
 Concen: 4.354 ug/L
 RT: 6.960 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: VV031317.D
 Acq: 01 Jun 2023 14:48

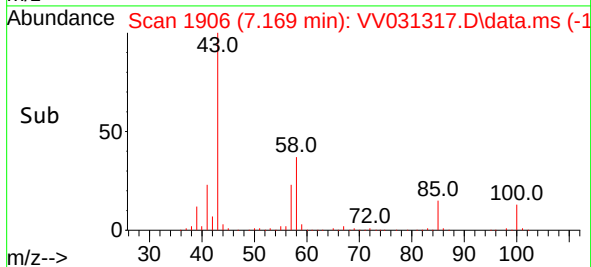
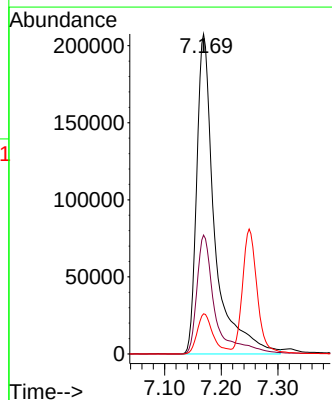
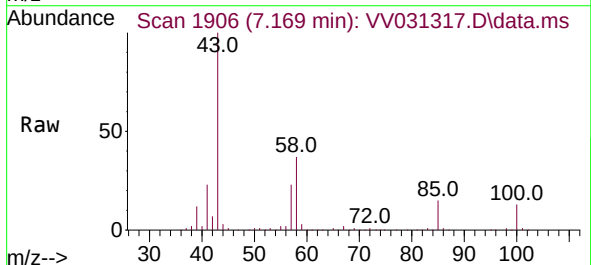
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005255

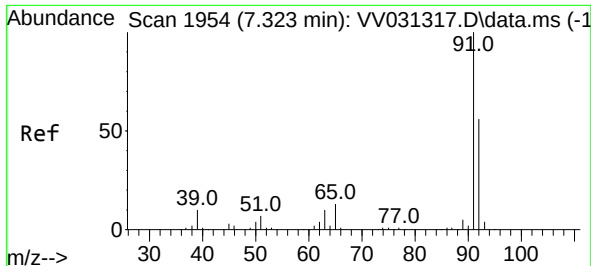
Tgt Ion: 75 Resp: 93903
 Ion Ratio Lower Upper
 75 100
 77 30.4 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 48.278 ug/L
 RT: 7.169 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VV031317.D
 Acq: 01 Jun 2023 14:48

Tgt Ion: 43 Resp: 458254
 Ion Ratio Lower Upper
 43 100
 58 37.8 30.2 45.4
 100 11.3 9.0 13.6





#42

Toluene

Concen: 4.503 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VV031317.D

Acq: 01 Jun 2023 14:48

Instrument :

MSVOA_V

ClientSampleId :

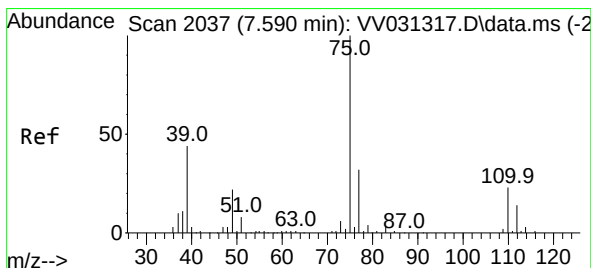
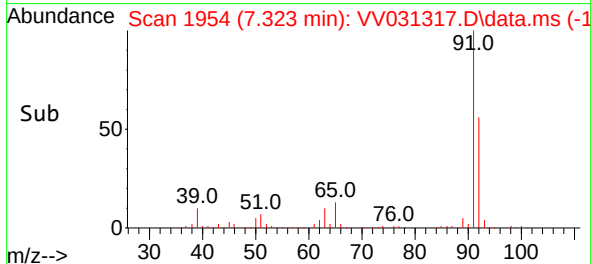
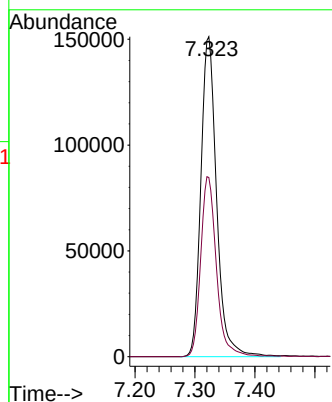
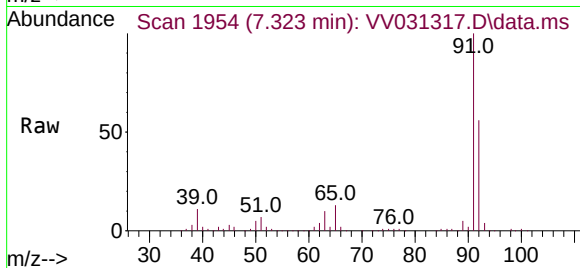
VSTD005255

Tgt Ion: 91 Resp: 276742

Ion Ratio Lower Upper

91 100

92 56.0 39.2 72.8



#44

trans-1,3-Dichloropropene

Concen: 4.607 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.000 min

Lab File: VV031317.D

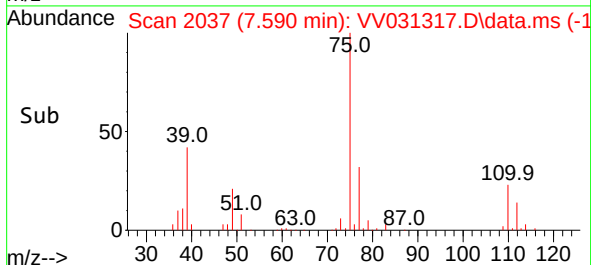
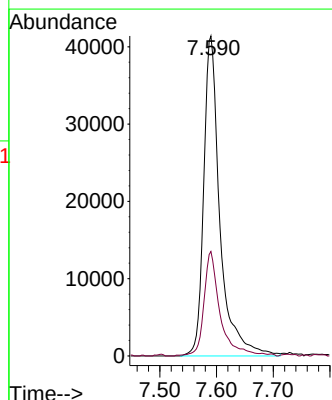
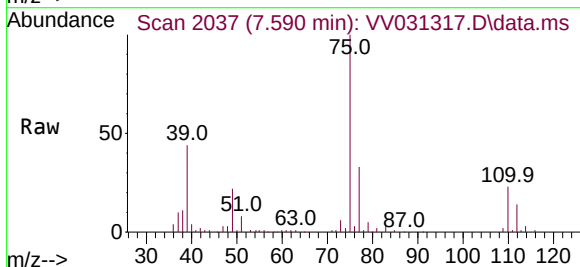
Acq: 01 Jun 2023 14:48

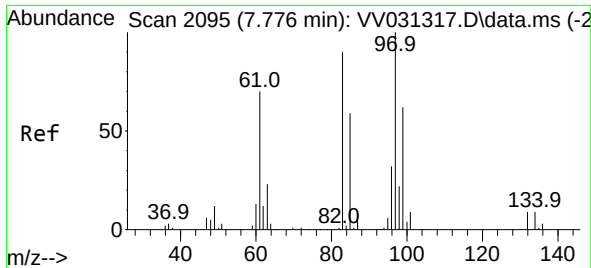
Tgt Ion: 75 Resp: 82459

Ion Ratio Lower Upper

75 100

77 32.6 22.8 42.4

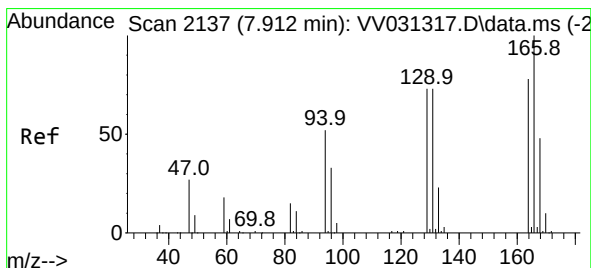
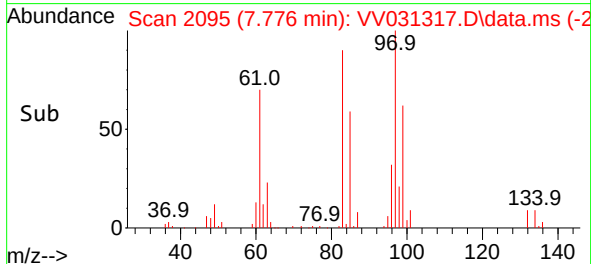
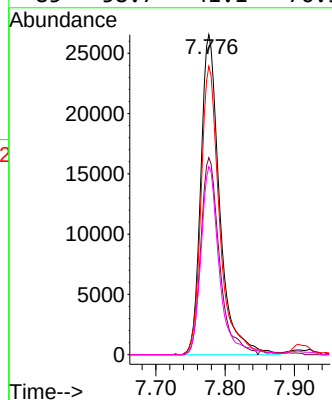
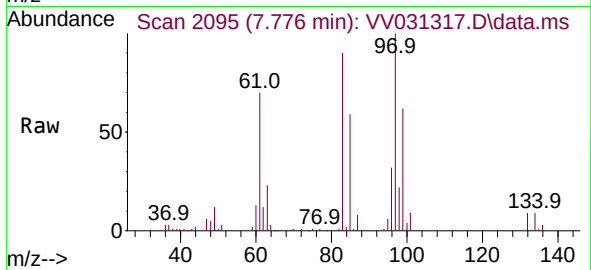




#45
1,1,2-Trichloroethane
Concen: 4.536 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

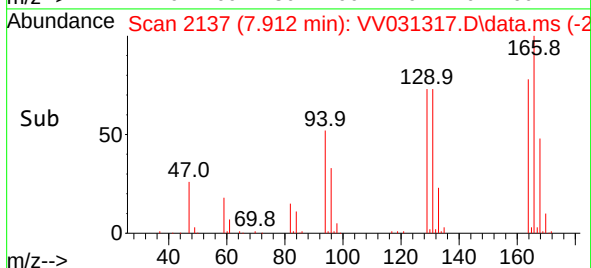
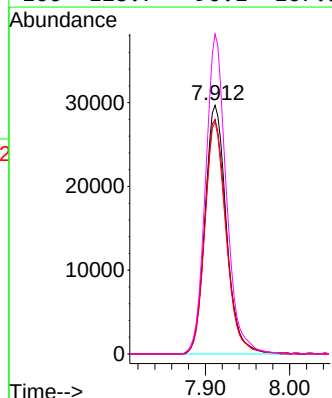
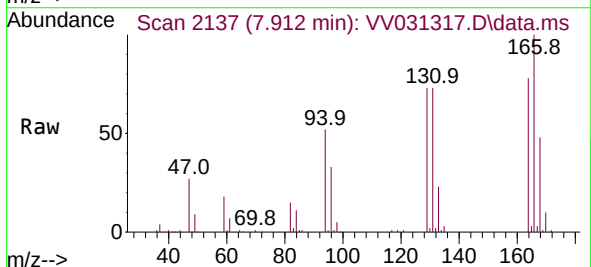
Instrument :
MSVOA_V
ClientSampleId :
VSTD005255

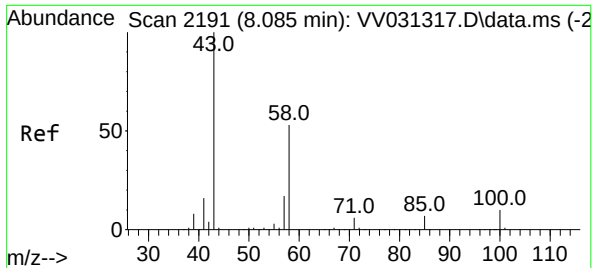
Tgt Ion:	97	Resp:	50266
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.1	80.1
83	90.1	63.1	117.1
85	58.7	41.1	76.3



#47
Tetrachloroethene
Concen: 4.260 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

Tgt Ion:	164	Resp:	52407
Ion	Ratio	Lower	Upper
164	100		
129	94.3	66.0	122.6
131	93.3	65.3	121.3
166	128.7	90.1	167.3



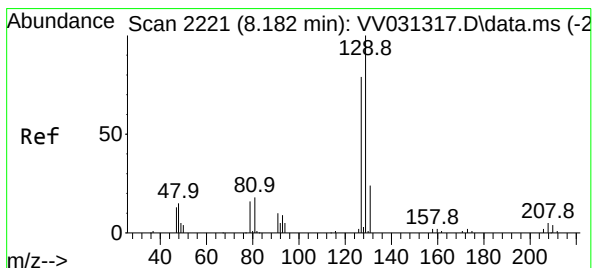
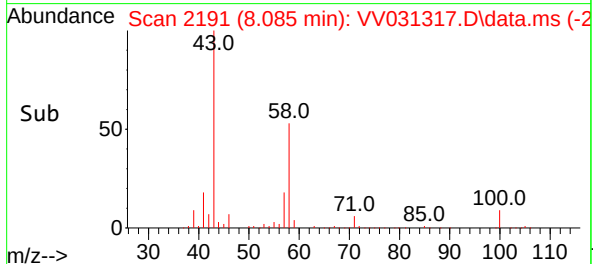
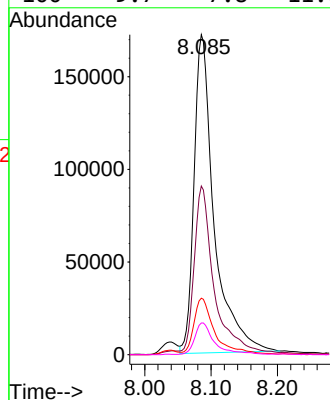
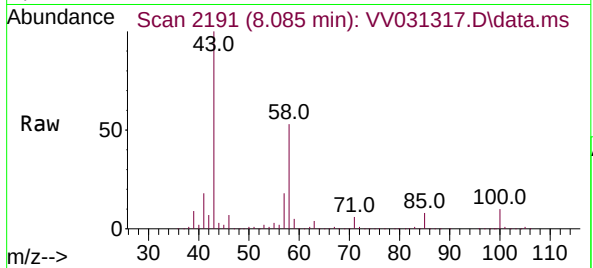


#48
2-Hexanone
Concen: 50.212 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

Instrument :
MSVOA_V
ClientSampleId :
VSTD005255

Tgt Ion: 43 Resp: 361688

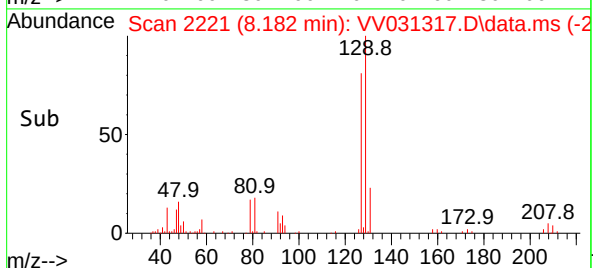
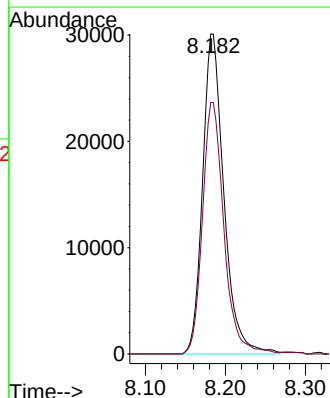
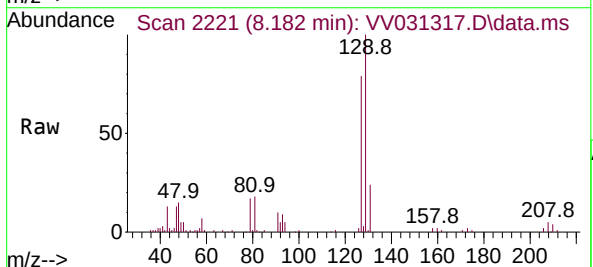
Ion	Ratio	Lower	Upper
43	100		
58	51.4	41.1	61.7
57	18.0	14.4	21.6
100	9.7	7.8	11.6

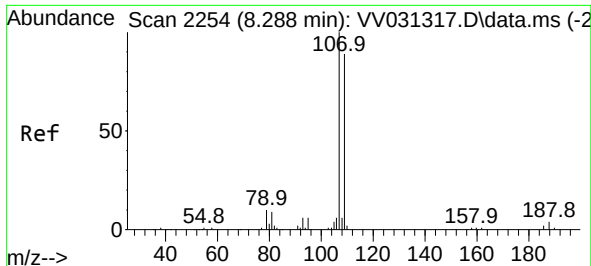


#49
Dibromochloromethane
Concen: 4.440 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

Tgt Ion: 129 Resp: 55704

Ion	Ratio	Lower	Upper
129	100		
127	78.6	55.0	102.2





#50

1,2-Dibromoethane

Concen: 4.503 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031317.D

Acq: 01 Jun 2023 14:48

Instrument :

MSVOA_V

ClientSampleId :

VSTD005255

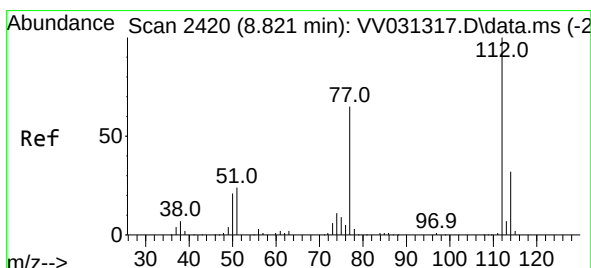
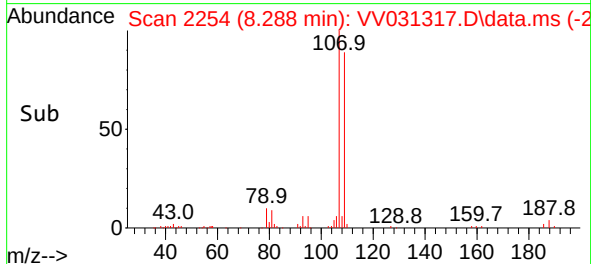
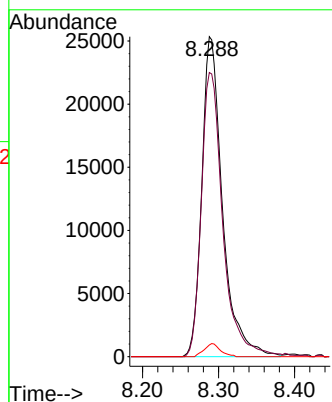
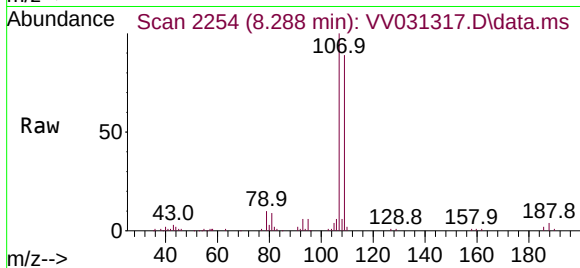
Tgt Ion:107 Resp: 47885

Ion Ratio Lower Upper

107 100

109 88.8 62.2 115.4

188 3.7 3.0 4.4



#51

Chlorobenzene

Concen: 4.293 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. 0.000 min

Lab File: VV031317.D

Acq: 01 Jun 2023 14:48

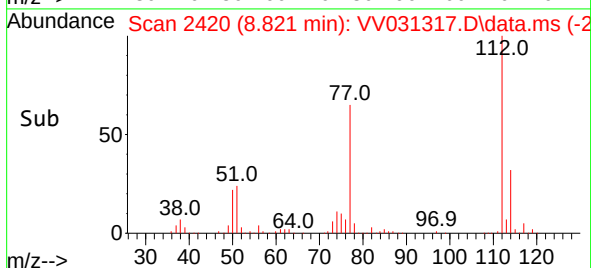
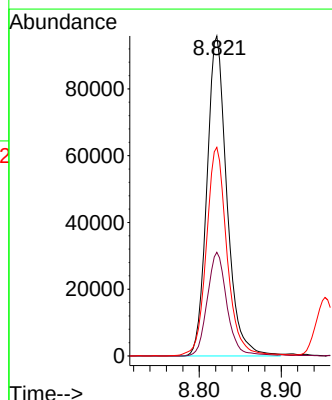
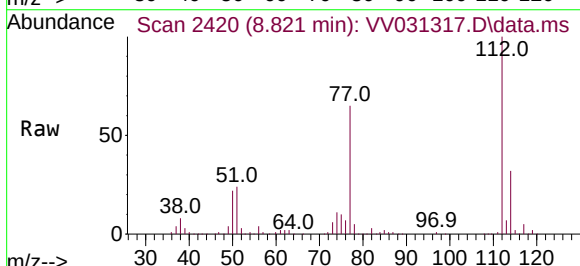
Tgt Ion:112 Resp: 161994

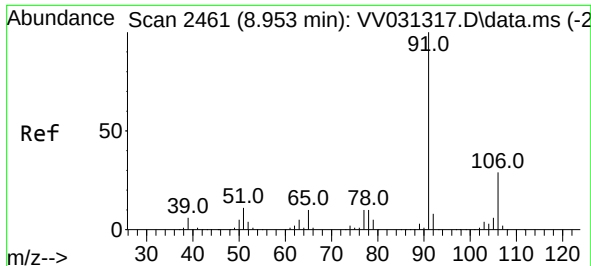
Ion Ratio Lower Upper

112 100

114 32.4 22.7 42.1

77 65.2 52.2 78.2

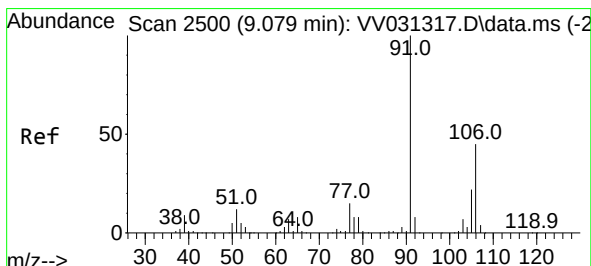
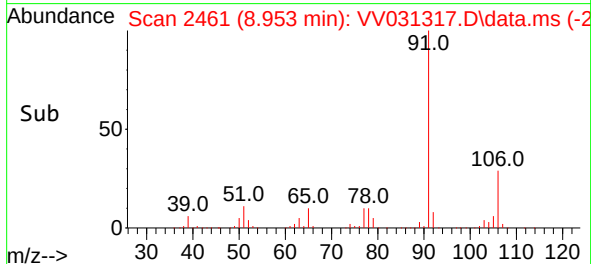
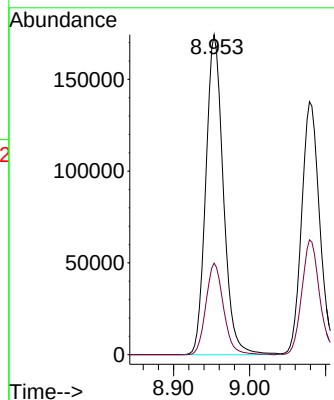
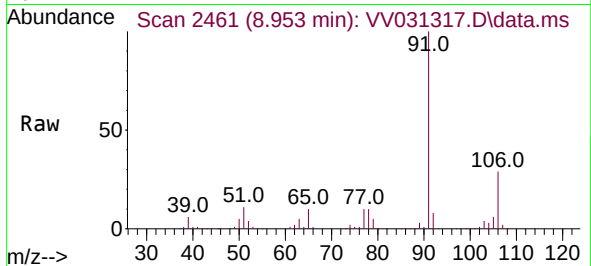




#52
Ethylbenzene
Concen: 4.322 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

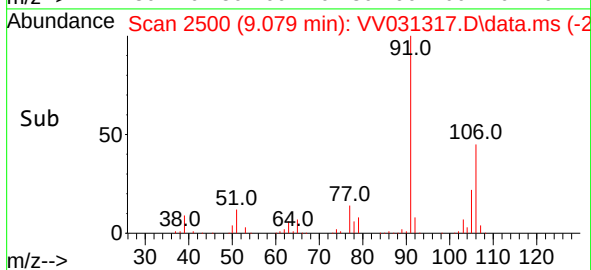
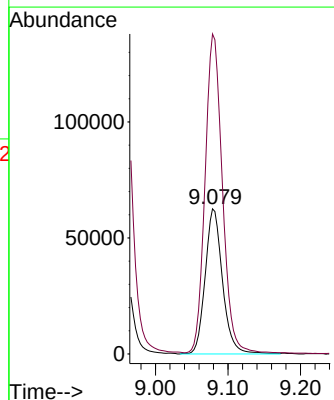
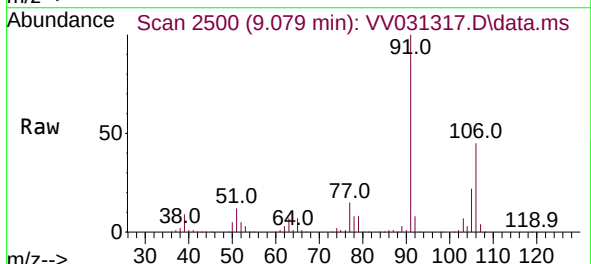
Instrument :
MSVOA_V
ClientSampleId :
VSTD005255

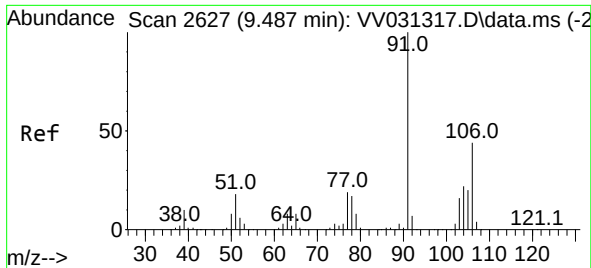
Tgt Ion: 91 Resp: 278802
Ion Ratio Lower Upper
91 100
106 28.6 20.0 37.2



#53
m,p-Xylene
Concen: 4.486 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

Tgt Ion: 106 Resp: 104094
Ion Ratio Lower Upper
106 100
91 220.4 154.3 286.5

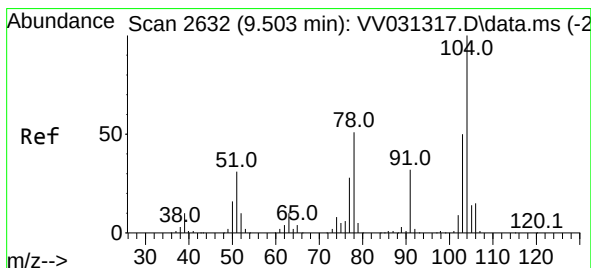
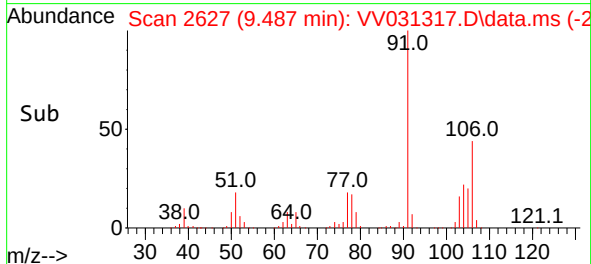
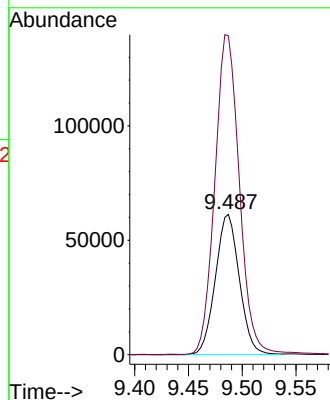
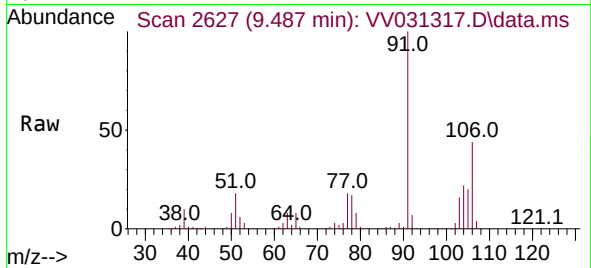




#54
o-Xylene
Concen: 4.355 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

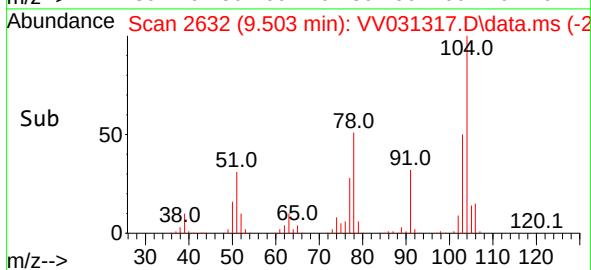
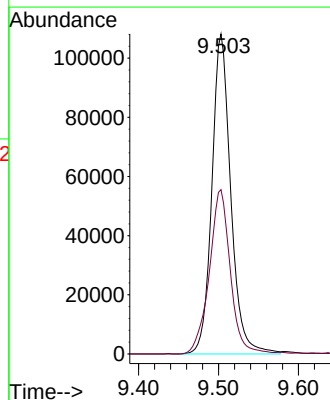
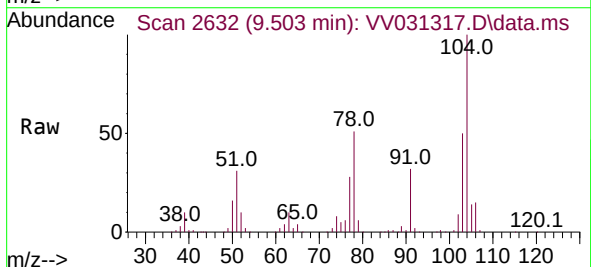
Instrument : MSVOA_V
ClientSampleId : VSTD005255

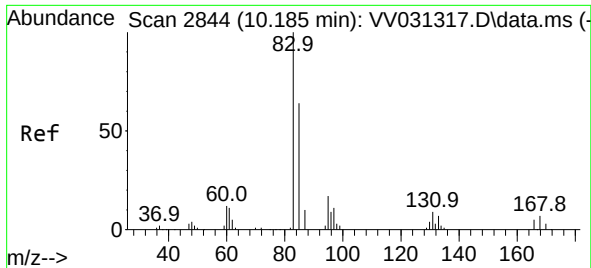
Tgt Ion:106 Resp: 95067
Ion Ratio Lower Upper
106 100
91 227.2 159.0 295.4



#55
Styrene
Concen: 4.600 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

Tgt Ion:104 Resp: 177458
Ion Ratio Lower Upper
104 100
78 51.3 35.9 66.7

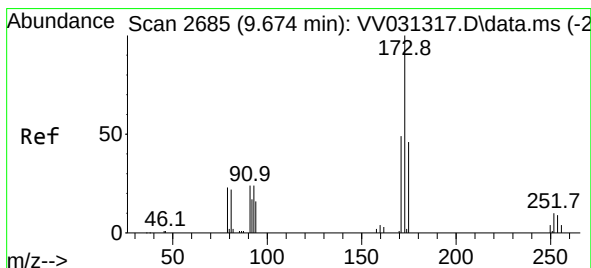
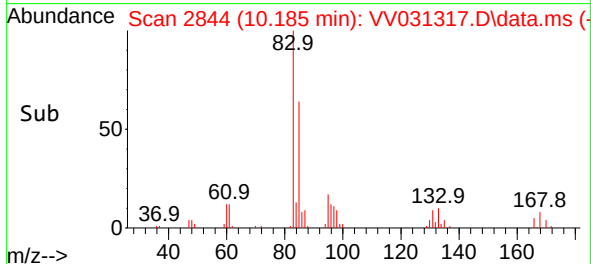
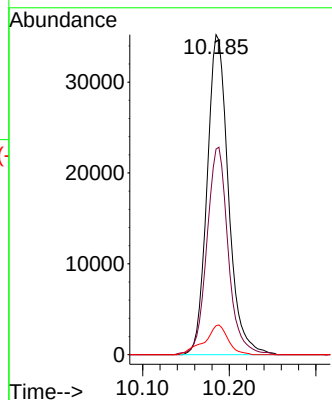
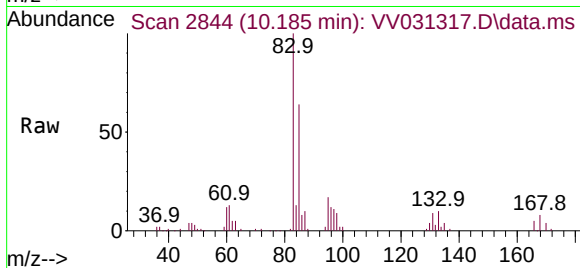




#57
1,1,2,2-Tetrachloroethane
Concen: 4.557 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

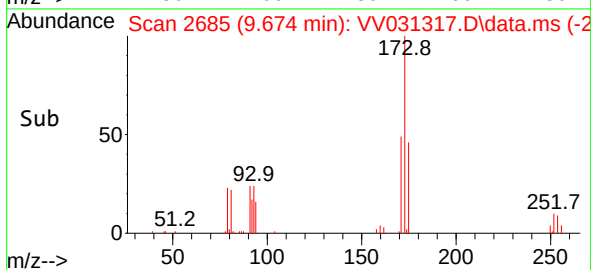
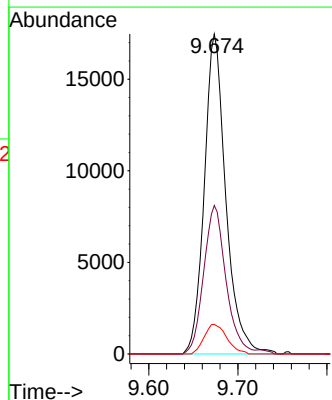
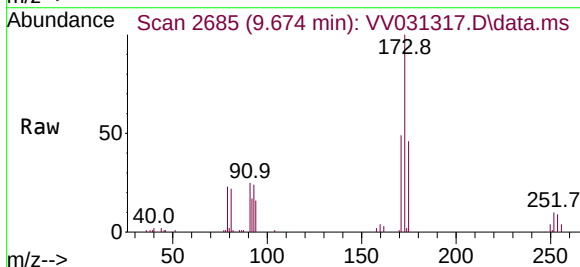
Instrument :
MSVOA_V
ClientSampleId :
VSTD005255

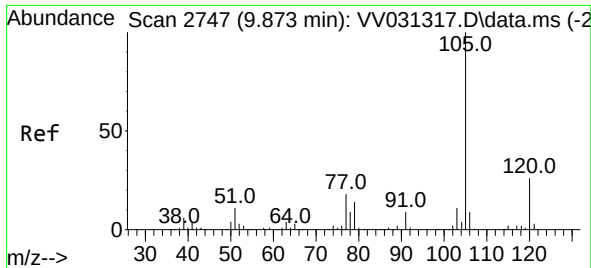
Tgt Ion:	83	Resp:	60214
Ion	Ratio	Lower	Upper
83	100		
85	64.3	45.0	83.6
131	9.1	7.3	10.9



#59
Bromoform
Concen: 4.191 ug/L
RT: 9.674 min Scan# 2685
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

Tgt Ion:	173	Resp:	29317
Ion	Ratio	Lower	Upper
173	100		
175	48.6	38.9	58.3
254	9.8	7.8	11.8

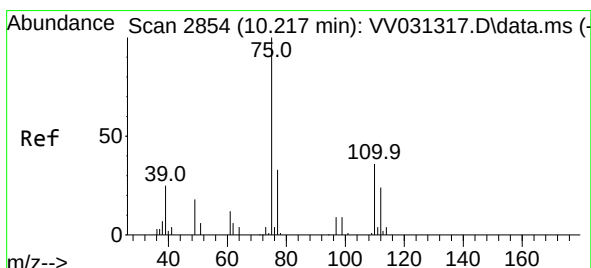
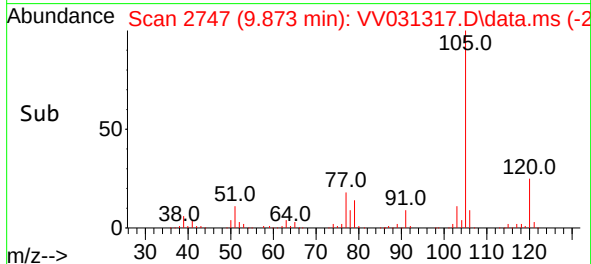
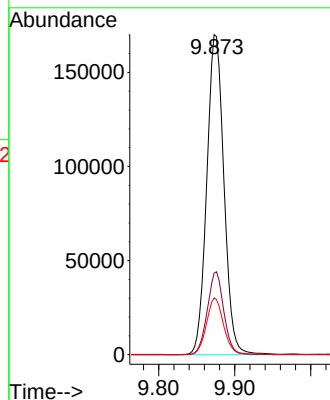
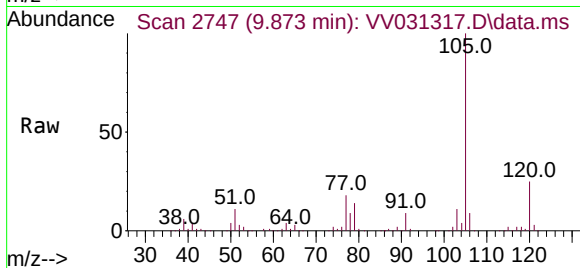




#60
Isopropylbenzene
Concen: 4.300 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

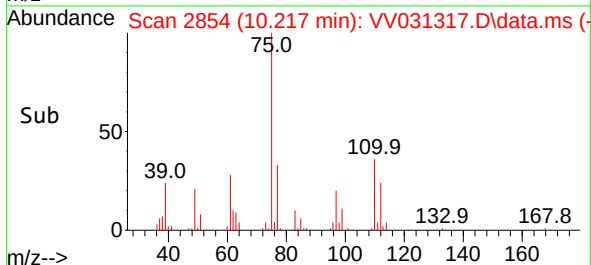
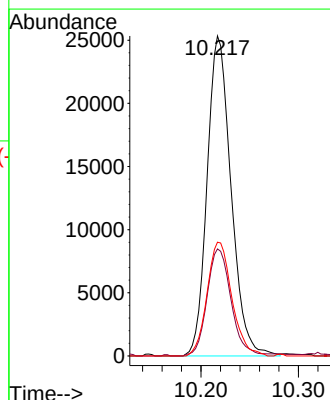
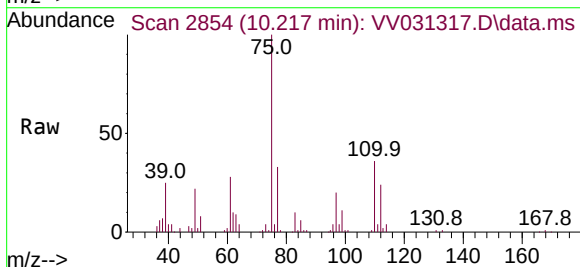
Instrument :
MSVOA_V
ClientSampleId :
VSTD005255

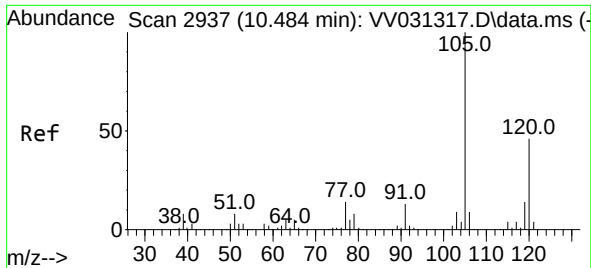
Tgt Ion:105 Resp: 266800
Ion Ratio Lower Upper
105 100
120 24.9 19.9 29.9
77 17.7 14.2 21.2



#61
1,2,3-Trichloropropane
Concen: 4.446 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

Tgt Ion: 75 Resp: 43291
Ion Ratio Lower Upper
75 100
77 34.1 27.3 40.9
110 36.7 29.4 44.0

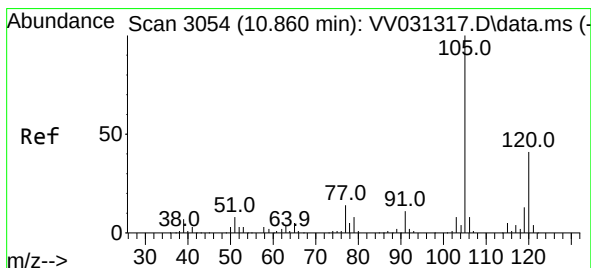
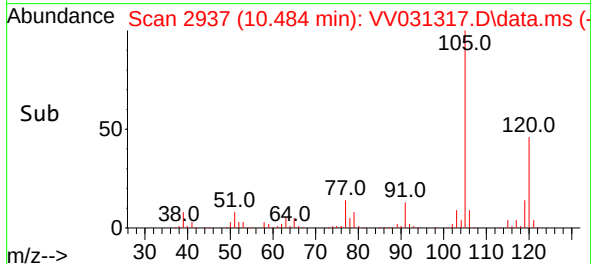
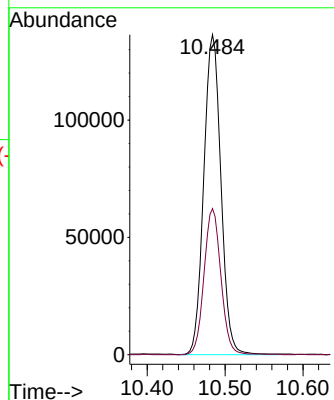
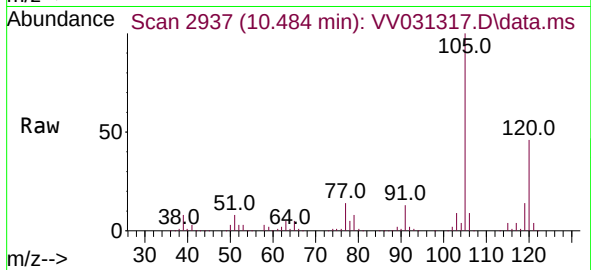




#62
1,3,5-Trimethylbenzene
Concen: 4.139 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

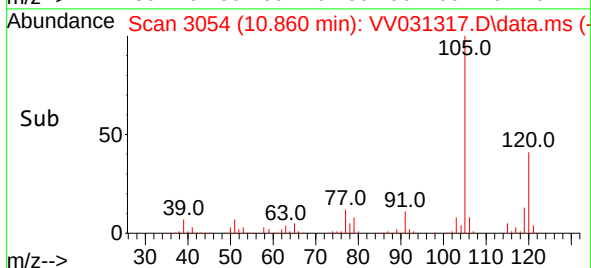
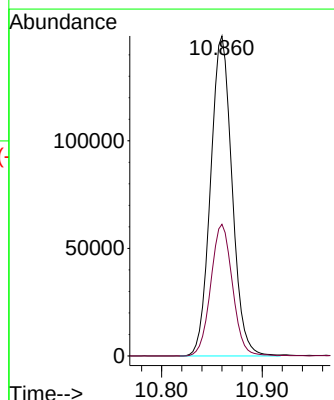
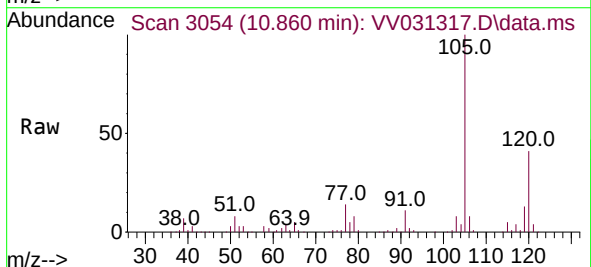
Instrument :
MSVOA_V
ClientSampleId :
VSTD005255

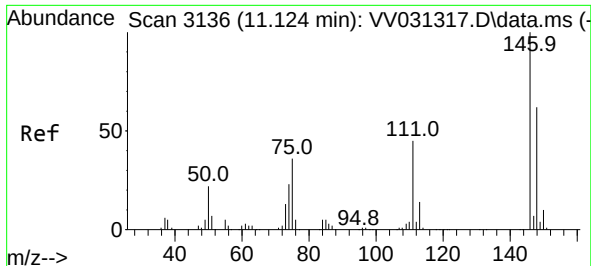
Tgt Ion:105 Resp: 208780
Ion Ratio Lower Upper
105 100
120 44.9 35.9 53.9



#63
1,2,4-Trimethylbenzene
Concen: 4.274 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

Tgt Ion:105 Resp: 220915
Ion Ratio Lower Upper
105 100
120 41.5 33.2 49.8

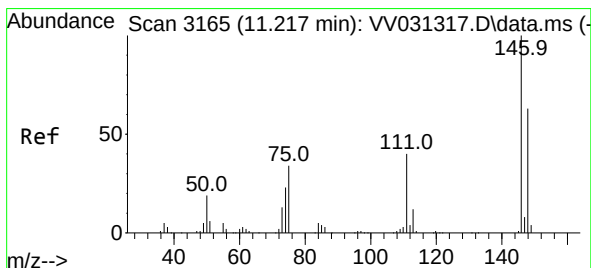
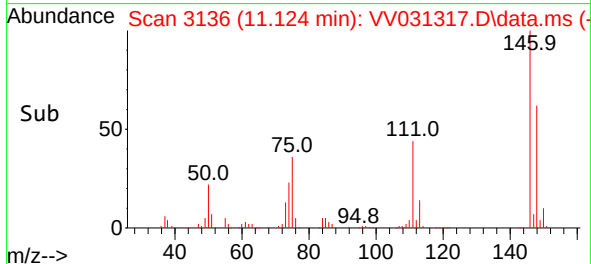
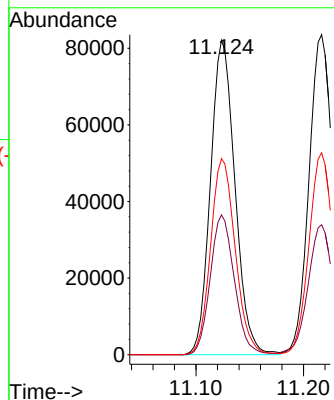
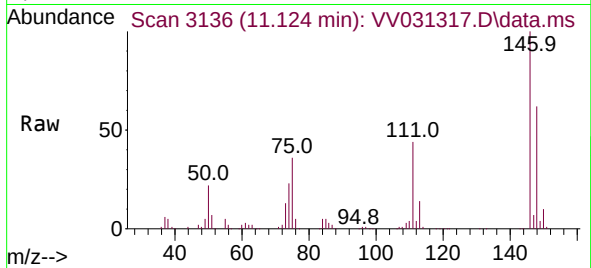




#64
1,3-Dichlorobenzene
Concen: 4.335 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

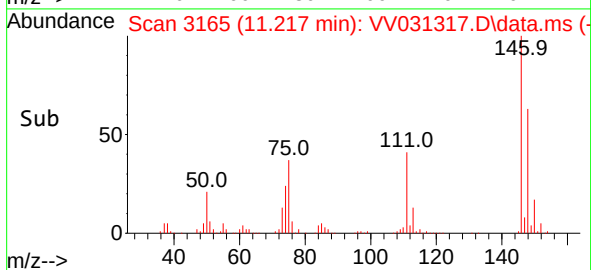
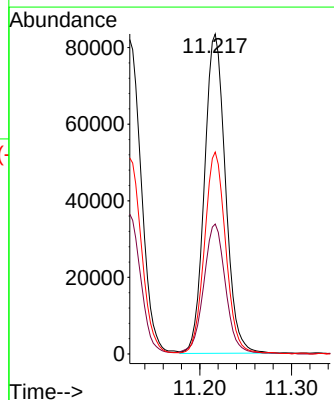
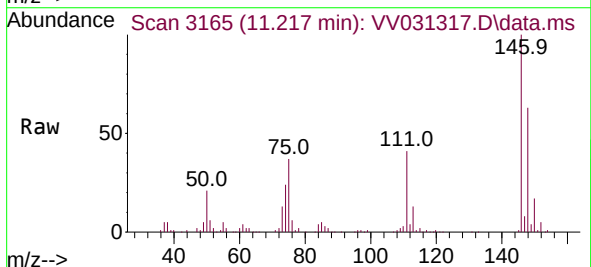
Instrument :
MSVOA_V
ClientSampleId :
VSTD005255

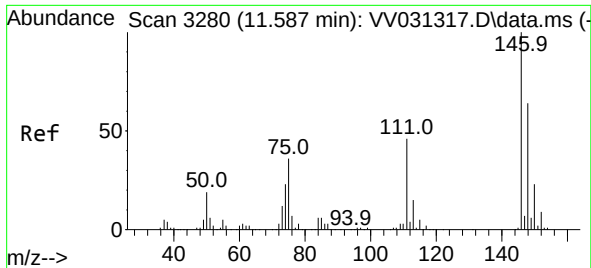
Tgt Ion:146 Resp: 129943
Ion Ratio Lower Upper
146 100
111 44.5 31.1 57.9
148 62.3 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 4.382 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

Tgt Ion:146 Resp: 132410
Ion Ratio Lower Upper
146 100
111 40.6 28.4 52.8
148 63.1 44.2 82.0

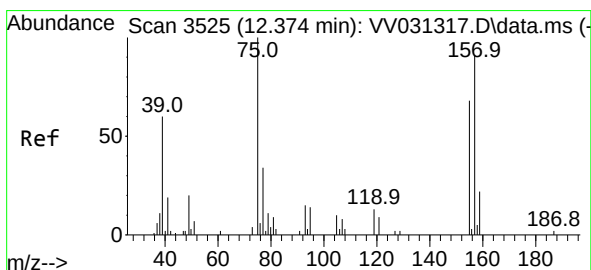
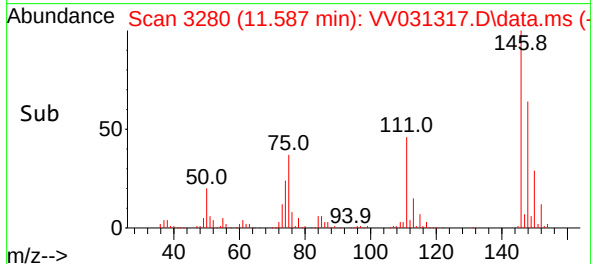
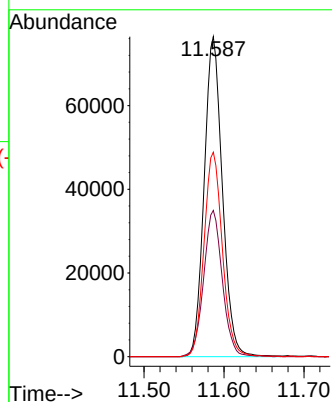
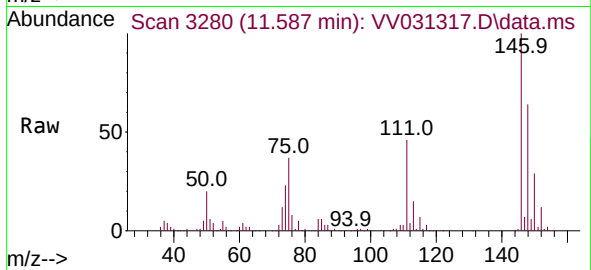




#67
1,2-Dichlorobenzene
Concen: 4.373 ug/L
RT: 11.587 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

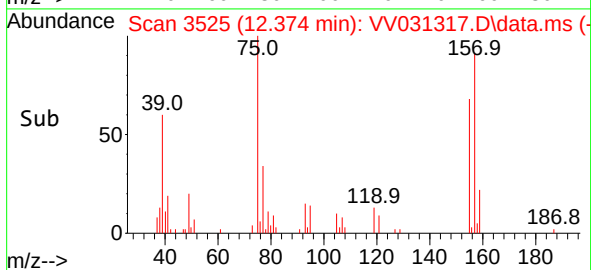
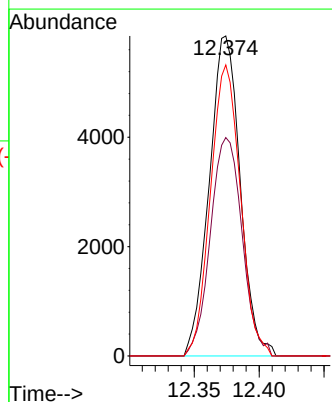
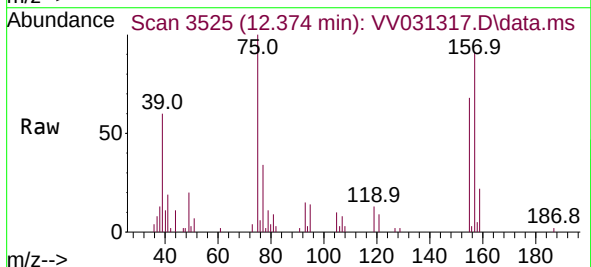
Instrument :
MSVOA_V
ClientSampleId :
VSTD005255

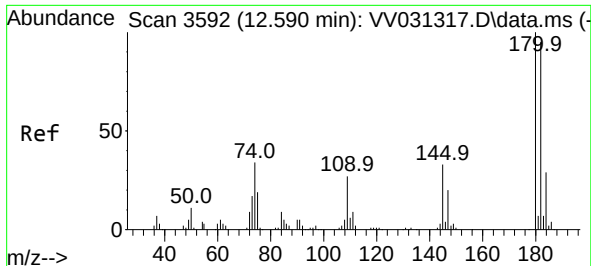
Tgt Ion:146 Resp: 121283
Ion Ratio Lower Upper
146 100
111 45.7 36.6 54.8
148 63.9 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 4.343 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.000 min
Lab File: VV031317.D
Acq: 01 Jun 2023 14:48

Tgt Ion: 75 Resp: 9685
Ion Ratio Lower Upper
75 100
155 68.3 54.6 82.0
157 90.9 72.7 109.1





#69

1,3,5-Trichlorobenzene

Concen: 4.127 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. 0.000 min

Lab File: VV031317.D

Acq: 01 Jun 2023 14:48

Instrument :

MSVOA_V

ClientSampleId :

VSTD005255

Tgt Ion:180 Resp: 91276

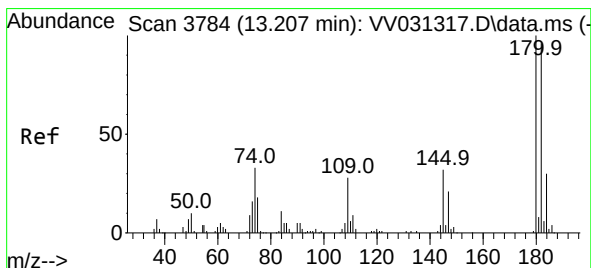
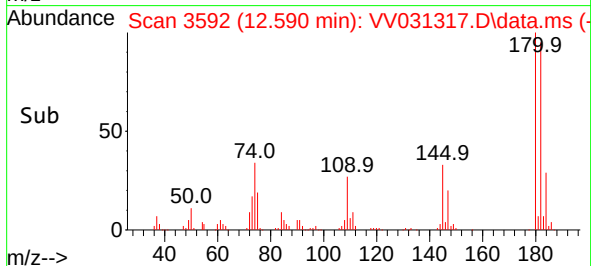
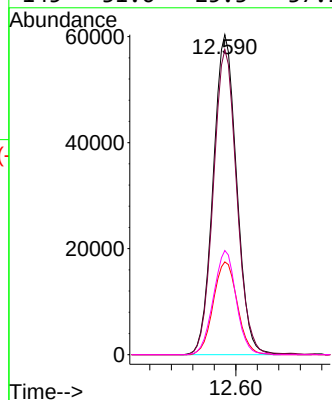
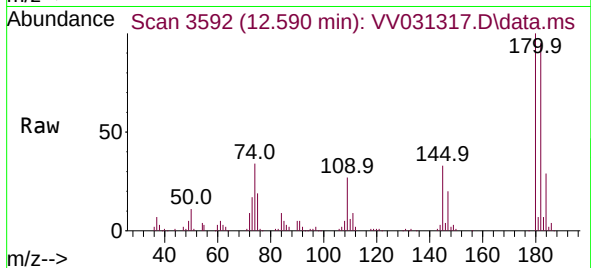
Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

184 29.7 23.8 35.6

145 31.6 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 4.222 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.000 min

Lab File: VV031317.D

Acq: 01 Jun 2023 14:48

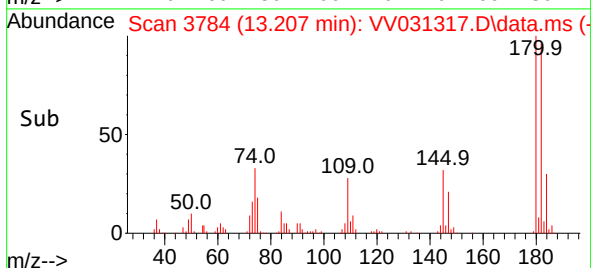
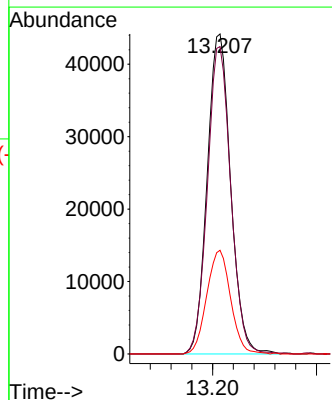
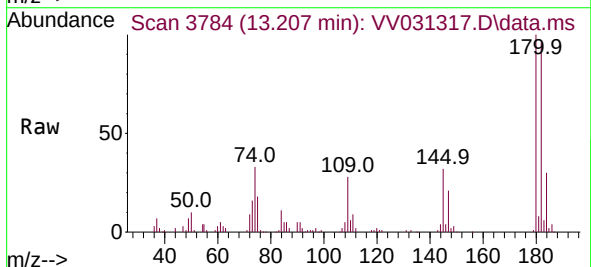
Tgt Ion:180 Resp: 69162

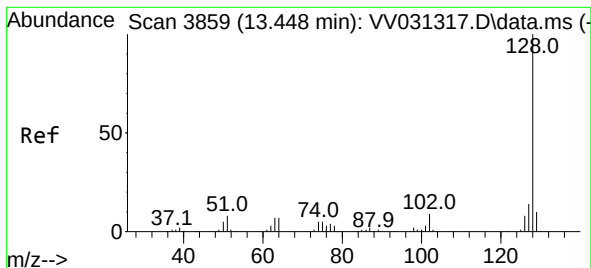
Ion Ratio Lower Upper

180 100

182 95.9 76.7 115.1

145 32.9 26.3 39.5





#71

Naphthalene

Concen: 4.043 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.000 min

Lab File: VV031317.D

Acq: 01 Jun 2023 14:48

Instrument :

MSVOA_V

ClientSampleId :

VSTD005255

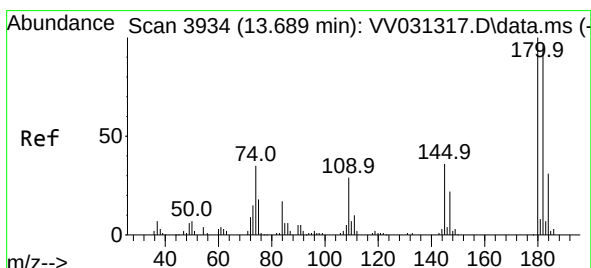
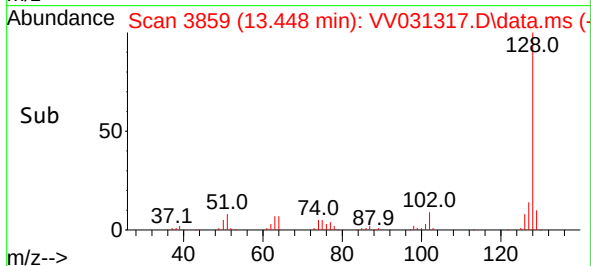
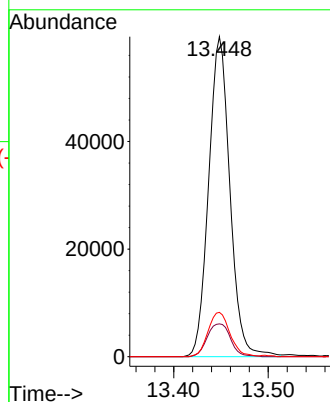
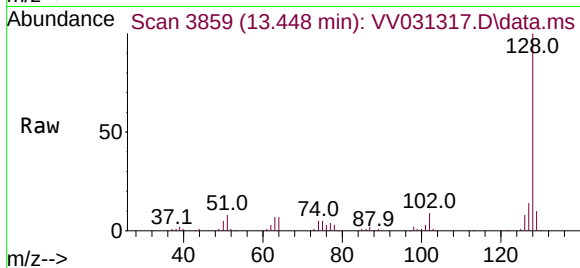
Tgt Ion:128 Resp: 92901

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

127 14.3 11.4 17.2



#72

1,2,3-Trichlorobenzene

Concen: 4.196 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.000 min

Lab File: VV031317.D

Acq: 01 Jun 2023 14:48

Tgt Ion:180 Resp: 63497

Ion Ratio Lower Upper

180 100

182 94.2 75.4 113.0

145 34.7 27.8 41.6

