

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
 Data File : VW028876.D
 Acq On : 11 Nov 2022 14:43
 Operator : SY/MD
 Sample : VSTD01080
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010280

Quant Time: Nov 11 21:56:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 21:54:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	307337	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	270531	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	148089	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	201199	10.738	ug/L	0.00
7) Chloroethane-d5	1.564	69	179660	10.907	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	369889	10.833	ug/L	0.00
20) 2-Butanone-d5	3.886	46	281761	90.678	ug/L	0.00
24) Chloroform-d	4.339	84	420193	10.923	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	185187	10.700	ug/L	0.00
32) Benzene-d6	5.043	84	906998	11.232	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	253041	11.222	ug/L	0.00
41) Toluene-d8	7.310	98	805860	11.086	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	85453	11.620	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	367237	118.273	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	172403	11.028	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	289533	10.928	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	267818	10.454	ug/L	99
3) Chloromethane	1.236	50	219413	10.319	ug/L	99
5) Vinyl chloride	1.307	62	251498	10.369	ug/L	99
6) Bromomethane	1.519	94	152822	10.542	ug/L	97
8) Chloroethane	1.584	64	142764	10.017	ug/L	98
9) Trichlorofluoromethane	1.751	101	339562	10.383	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	192094	10.375	ug/L	99
12) 1,1-Dichloroethene	2.114	96	193262	10.388	ug/L	93
13) Acetone	2.182	43	128149	63.513	ug/L	81
14) Carbon disulfide	2.291	76	683996	10.353	ug/L	100
15) Methyl Acetate	2.436	43	48909	9.989	ug/L	99
16) Methylene chloride	2.503	84	217288	9.032	ug/L	98
17) Methyl tert-butyl Ether	2.764	73	424696	10.647	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	225671	10.458	ug/L	95
19) 1,1-Dichloroethane	3.182	63	369979	10.488	ug/L	99
21) 2-Butanone	3.969	43	261381	85.490	ug/L	88
22) cis-1,2-Dichloroethene	3.902	96	235486	10.734	ug/L	98
23) Bromochloromethane	4.239	128	95043	10.244	ug/L	91
25) Chloroform	4.365	83	388559	10.507	ug/L	95
27) 1,2-Dichloroethane	5.124	62	202959	10.656	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	340632	10.730	ug/L	98
30) Cyclohexane	4.670	56	353763	10.965	ug/L	99
31) Carbon tetrachloride	4.821	117	290493	10.626	ug/L	99
33) Benzene	5.095	78	889966	10.765	ug/L	100
34) Trichloroethene	5.908	95	228231	10.784	ug/L	98
35) Methylcyclohexane	6.127	83	403174	10.839	ug/L	99
37) 1,2-Dichloropropane	6.169	63	205484	10.779	ug/L	99
38) Bromodichloromethane	6.503	83	258626	10.712	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	301131	11.315	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	881471	107.666	ug/L	98
42) Toluene	7.381	91	928712	10.399	ug/L	100
44) trans-1,3-Dichloropropene	7.644	75	229859	11.125	ug/L	99

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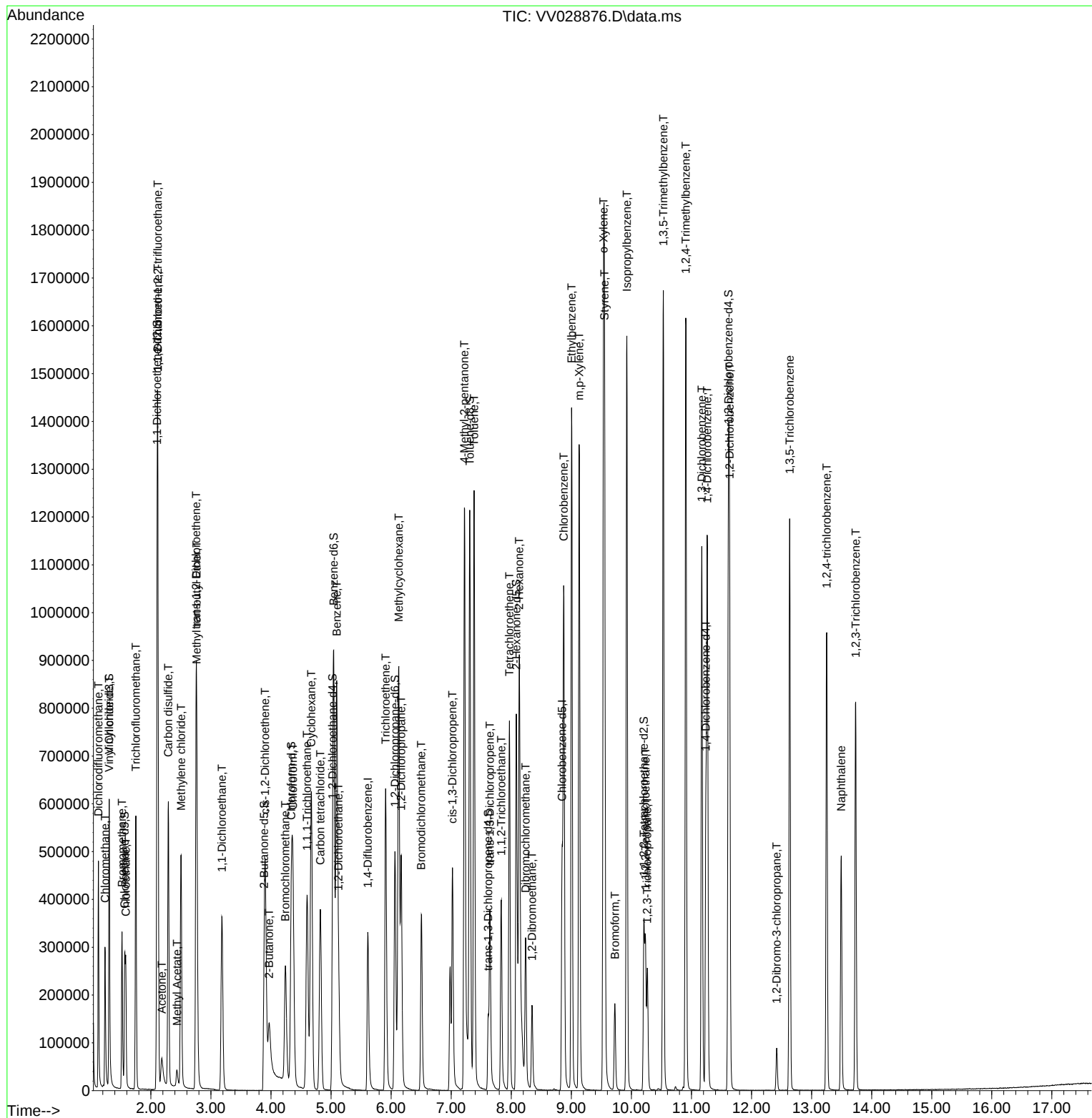
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	132373	10.607	ug/L	97
47) Tetrachloroethene	7.969	164	179901	10.616	ug/L	99
48) 2-Hexanone	8.133	43	629707	110.351	ug/L	98
49) Dibromochloromethane	8.239	129	161634	10.713	ug/L	98
50) 1,2-Dibromoethane	8.345	107	124498	10.738	ug/L	99
51) Chlorobenzene	8.873	112	585895	10.610	ug/L	99
52) Ethylbenzene	9.005	91	1002061	10.777	ug/L	100
53) m,p-Xylene	9.130	106	395270	10.689	ug/L	99
54) o-Xylene	9.535	106	380249	10.817	ug/L	98
55) Styrene	9.554	104	654937	11.108	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	153139	10.528	ug/L	99
59) Bromoform	9.725	173	86692	10.738	ug/L	100
60) Isopropylbenzene	9.924	105	1027481	10.690	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	105916	10.466	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	886637	10.888	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	887499	10.880	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	481302	10.657	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	473274	10.424	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	431464	10.633	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	22348	11.223	ug/L	89
69) 1,3,5-Trichlorobenzene	12.635	180	373960	10.732	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	300975	11.420	ug/L	98
71) Naphthalene	13.493	128	400697	11.783	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	253335	11.349	ug/L	98

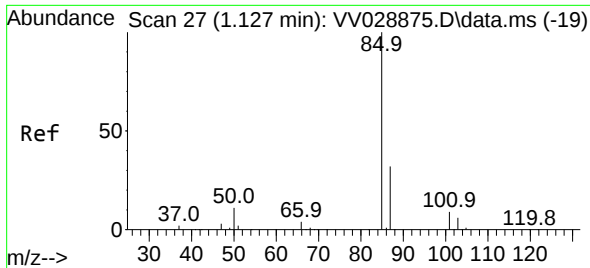
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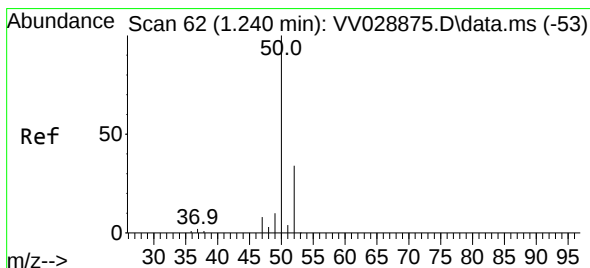
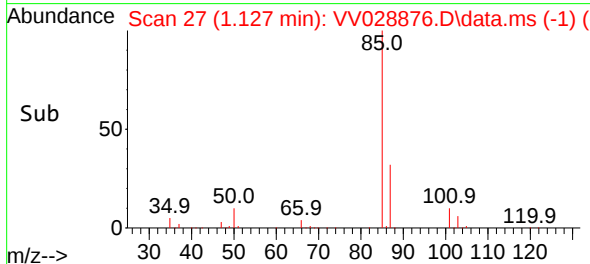
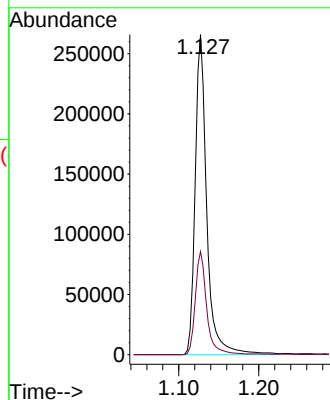
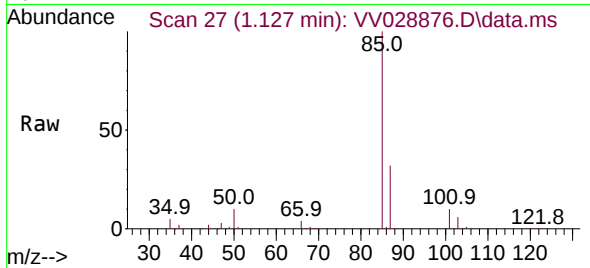




#2
 Dichlorodifluoromethane
 Concen: 10.454 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028876.D
 Acq: 11 Nov 2022 14:43

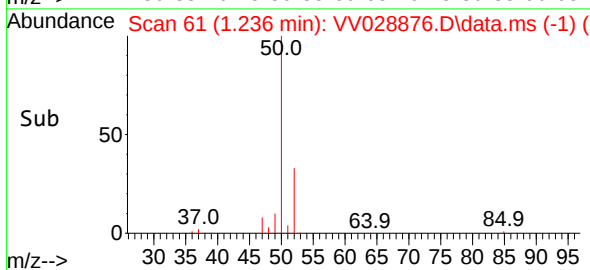
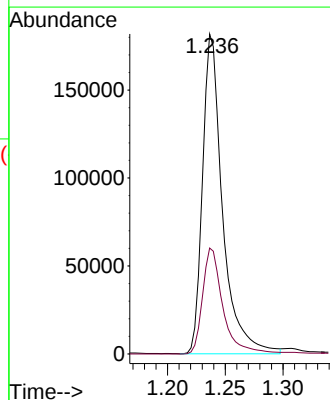
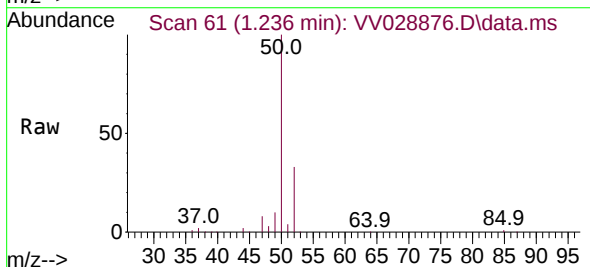
Instrument :
 MSVOA_V
 ClientSampleId :
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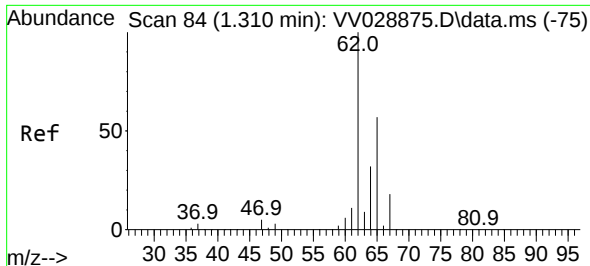
Tgt Ion: 85 Resp: 267818
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.0 37.4



#3
 Chloromethane
 Concen: 10.319 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV028876.D
 Acq: 11 Nov 2022 14:43

Tgt Ion: 50 Resp: 219413
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.7 43.9

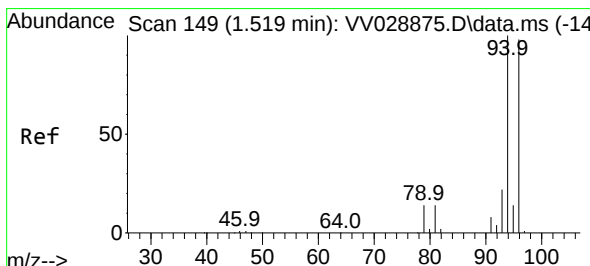
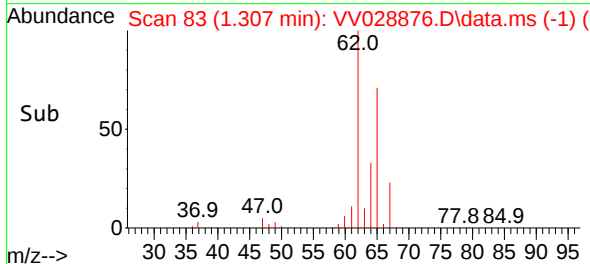
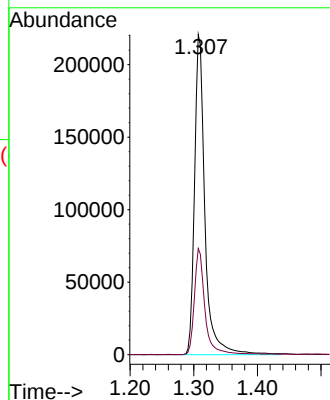
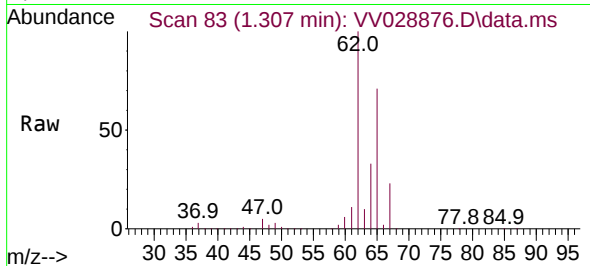




#5
 Vinyl chloride
 Concen: 10.369 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV028876.D
 Acq: 11 Nov 2022 14:43

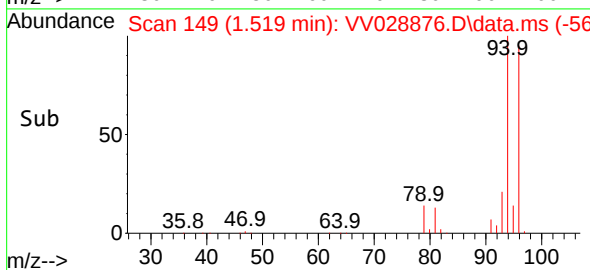
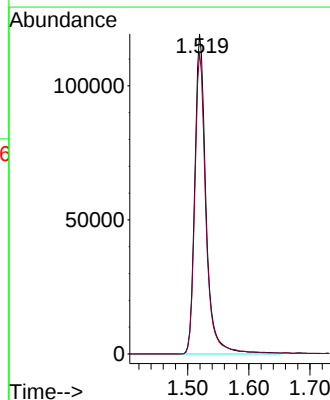
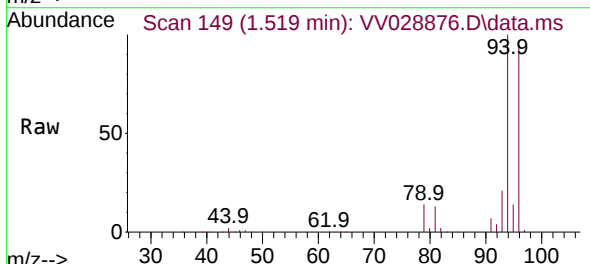
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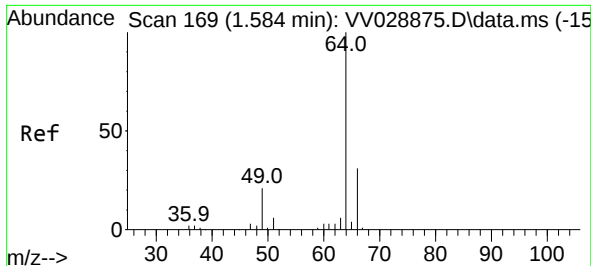
Tgt Ion: 62 Resp: 251498
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.8 42.4



#6
 Bromomethane
 Concen: 10.542 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV028876.D
 Acq: 11 Nov 2022 14:43

Tgt Ion: 94 Resp: 152822
 Ion Ratio Lower Upper
 94 100
 96 94.5 68.5 127.3

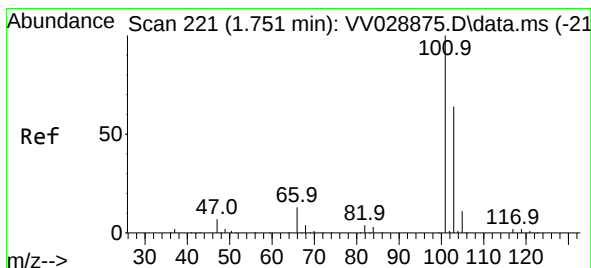
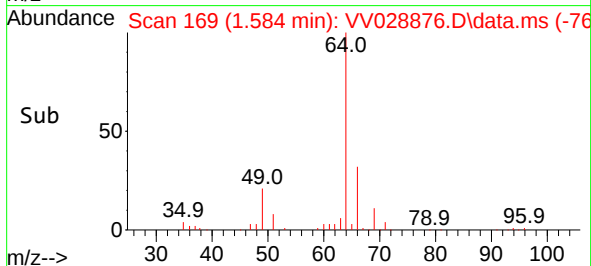
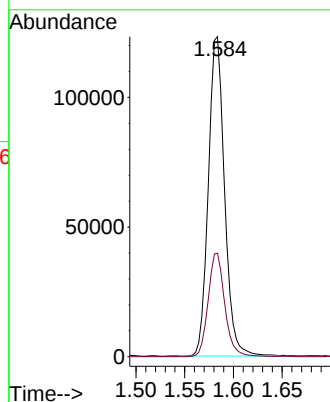
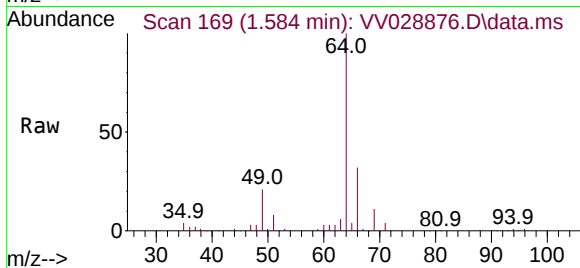




#8
Chloroethane
Concen: 10.017 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV028876.D
Acq: 11 Nov 2022 14:43

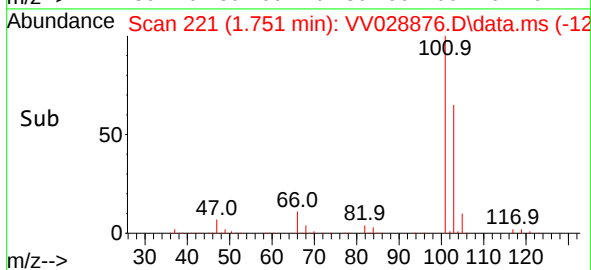
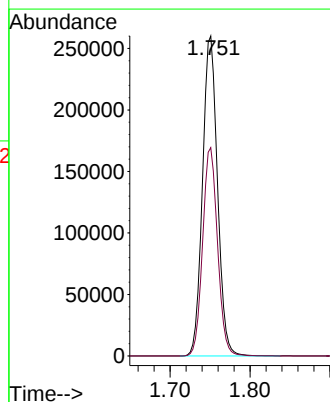
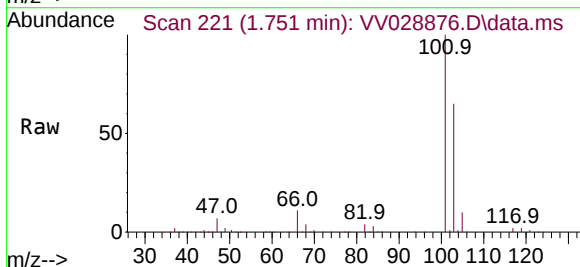
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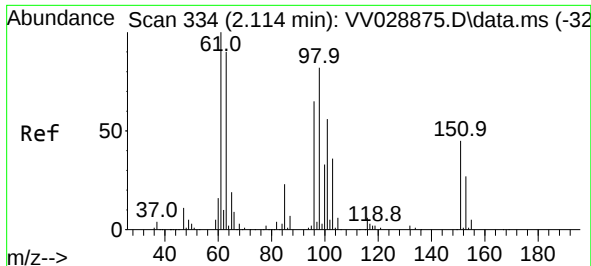
Tgt Ion: 64 Resp: 142764
Ion Ratio Lower Upper
64 100
66 32.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 10.383 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV028876.D
Acq: 11 Nov 2022 14:43

Tgt Ion:101 Resp: 339562
Ion Ratio Lower Upper
101 100
103 64.7 51.3 76.9

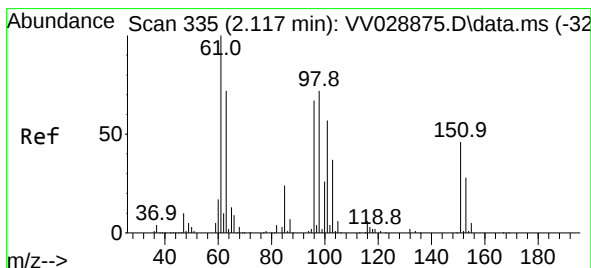
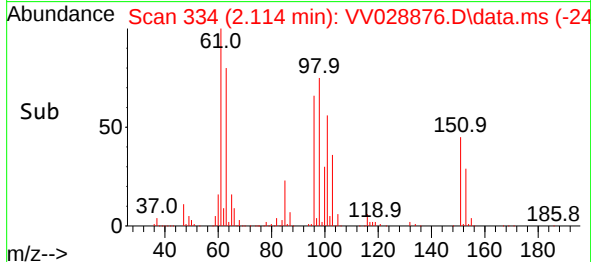
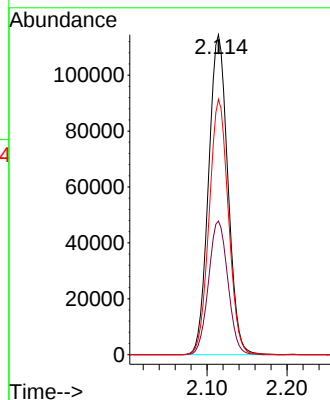
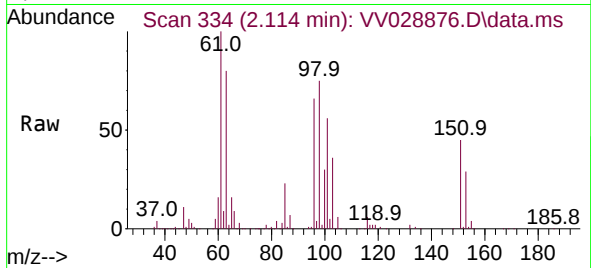




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.375 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV028876.D
 Acq: 11 Nov 2022 14:43

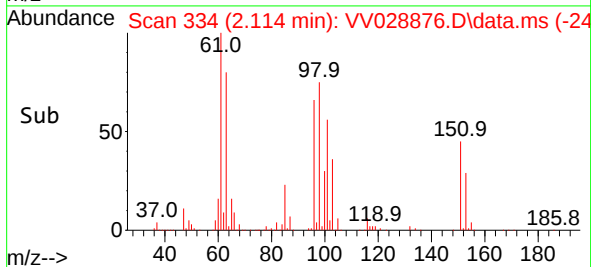
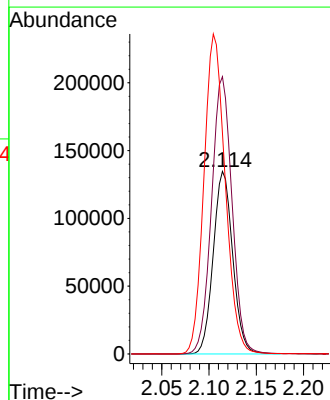
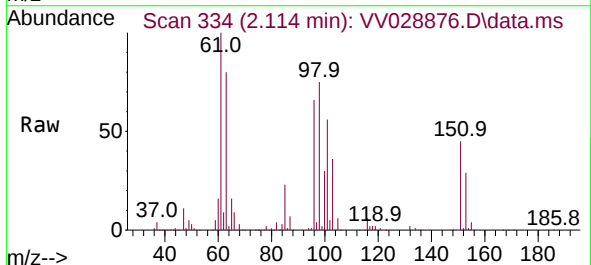
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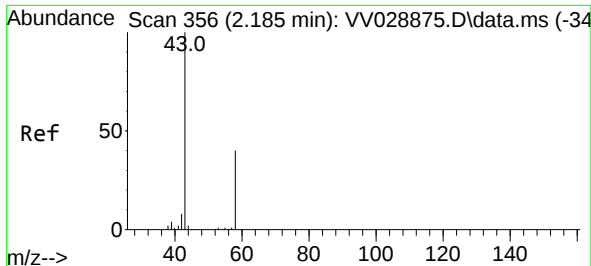
Tgt Ion:101 Resp: 192094
 Ion Ratio Lower Upper
 101 100
 85 41.8 32.9 49.3
 151 79.4 62.5 93.7



#12
 1,1-Dichloroethene
 Concen: 10.388 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV028876.D
 Acq: 11 Nov 2022 14:43

Tgt Ion: 96 Resp: 193262
 Ion Ratio Lower Upper
 96 100
 61 151.9 104.2 193.4
 63 121.1 75.9 140.9

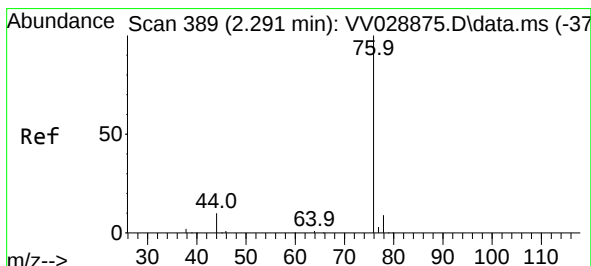
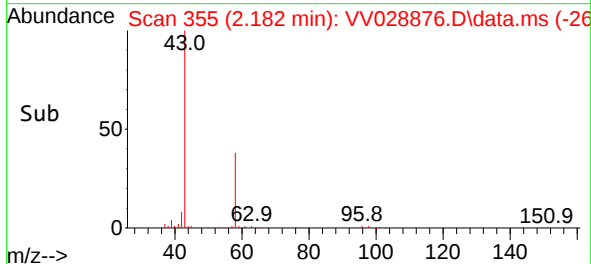
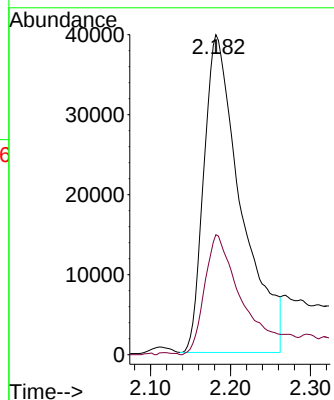
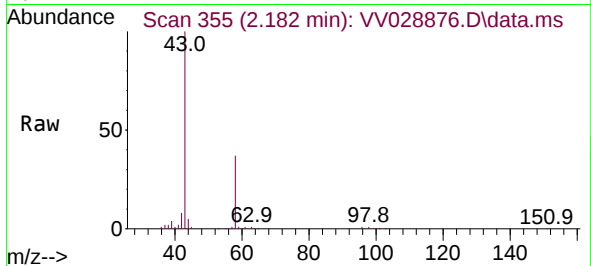




#13
Acetone
Concen: 63.513 ug/L
RT: 2.182 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV028876.D
Acq: 11 Nov 2022 14:43

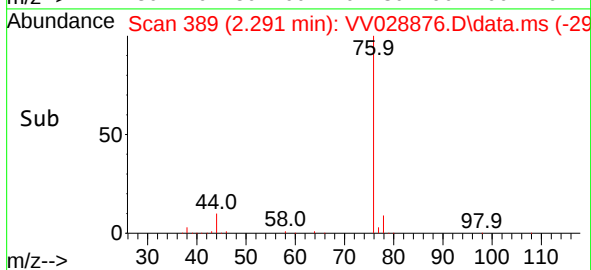
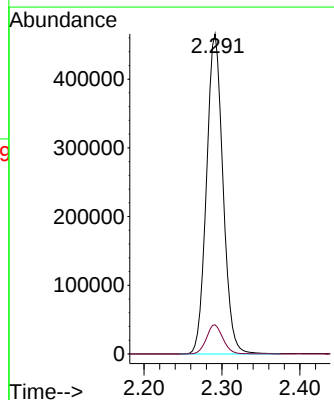
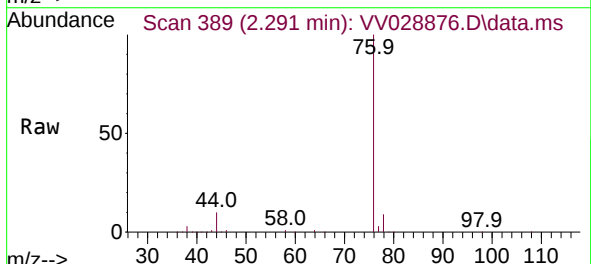
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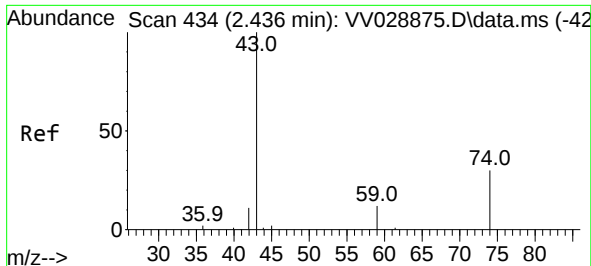
Tgt Ion: 43 Resp: 128149
Ion Ratio Lower Upper
43 100
58 38.3 0.0 56.6



#14
Carbon disulfide
Concen: 10.353 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV028876.D
Acq: 11 Nov 2022 14:43

Tgt Ion: 76 Resp: 683996
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

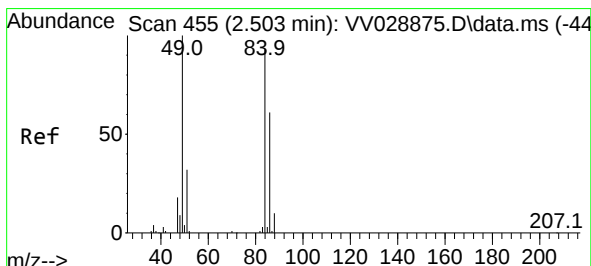
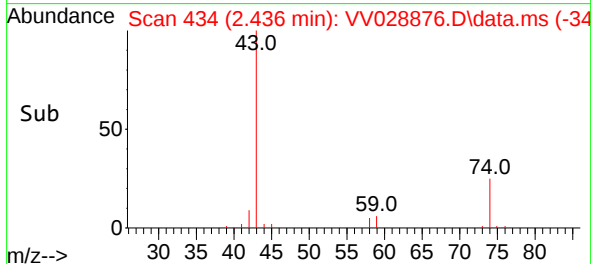
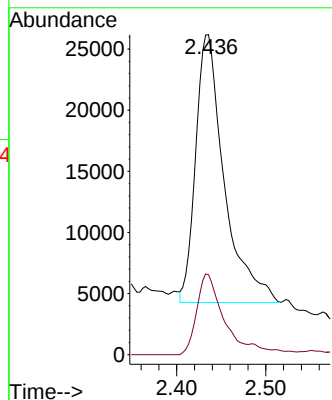
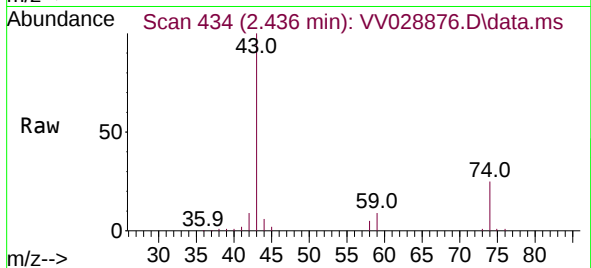




#15
Methyl Acetate
Concen: 9.989 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV028876.D
Acq: 11 Nov 2022 14:43

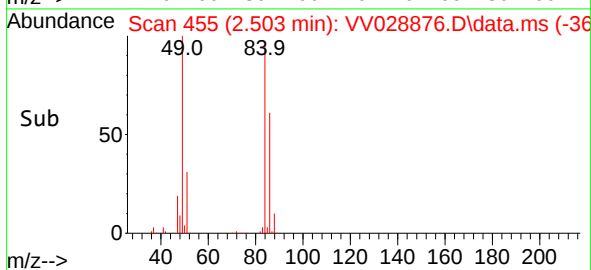
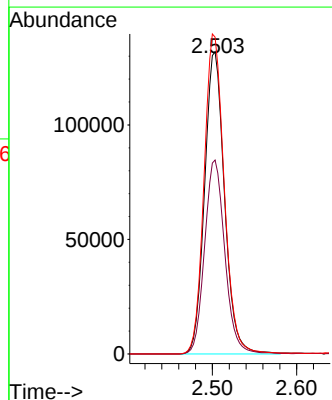
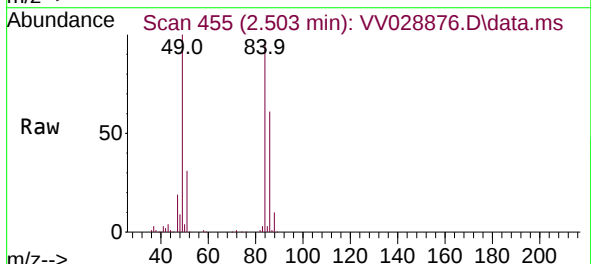
Instrument :
MSVOA_V
ClientSampleId :
VSTD010280

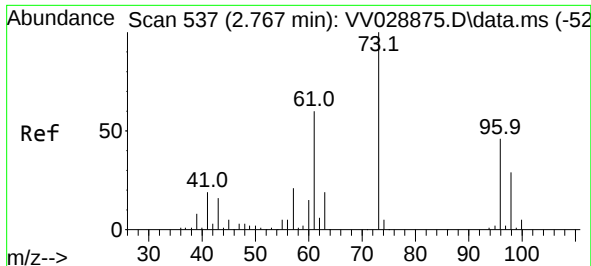
Tgt Ion: 43 Resp: 48909
Ion Ratio Lower Upper
43 100
74 30.1 24.6 37.0



#16
Methylene chloride
Concen: 9.032 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV028876.D
Acq: 11 Nov 2022 14:43

Tgt Ion: 84 Resp: 217288
Ion Ratio Lower Upper
84 100
86 64.2 45.8 85.0
49 104.8 75.5 140.1

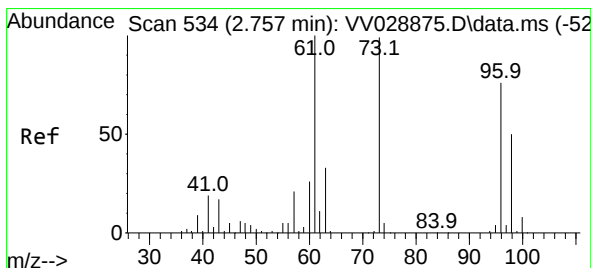
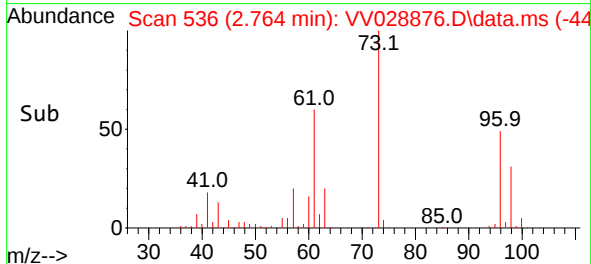
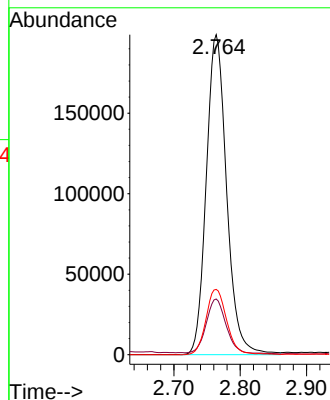
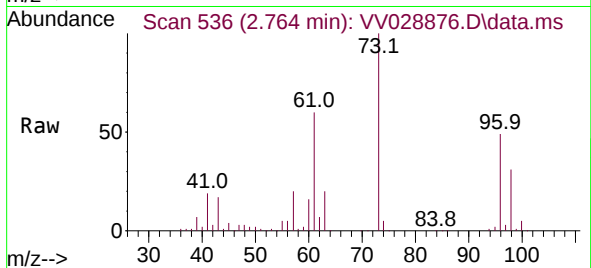




#17
Methyl tert-butyl Ether
Concen: 10.647 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV028876.D
Acq: 11 Nov 2022 14:43

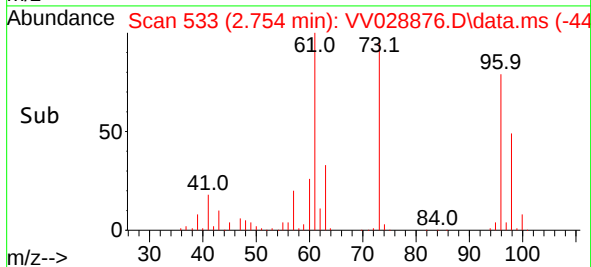
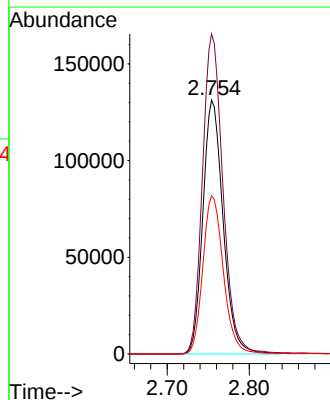
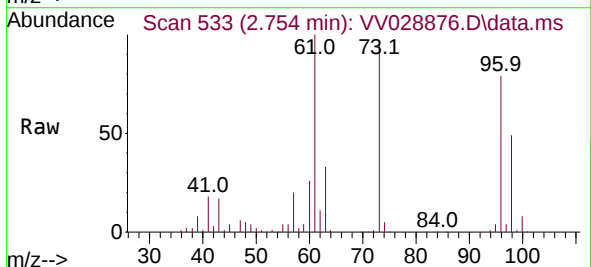
Instrument :
MSVOA_V
ClientSampleId :
VSTD010280

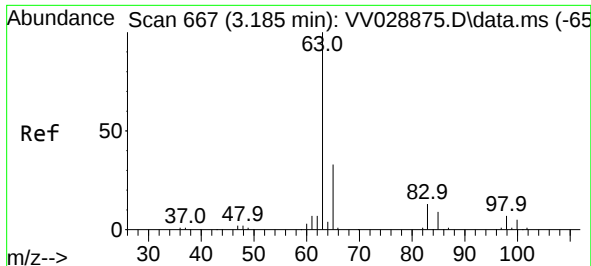
Tgt Ion: 73 Resp: 424696
Ion Ratio Lower Upper
73 100
43 16.3 13.0 19.4
57 20.8 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 10.458 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.003 min
Lab File: VV028876.D
Acq: 11 Nov 2022 14:43

Tgt Ion: 96 Resp: 225671
Ion Ratio Lower Upper
96 100
61 126.0 91.8 170.6
98 62.3 46.4 86.2





#19

1,1-Dichloroethane

Concen: 10.488 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV028876.D

Acq: 11 Nov 2022 14:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD010280

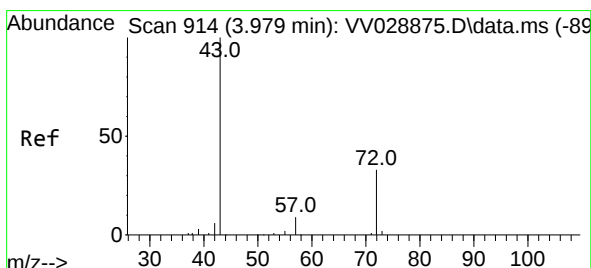
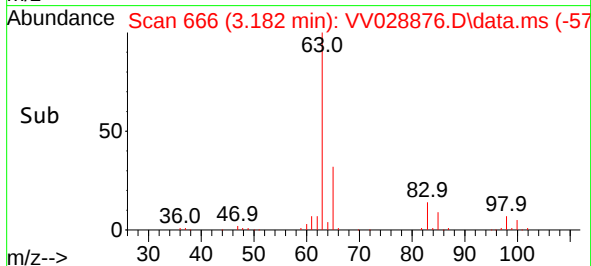
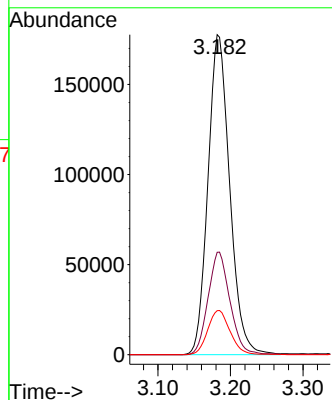
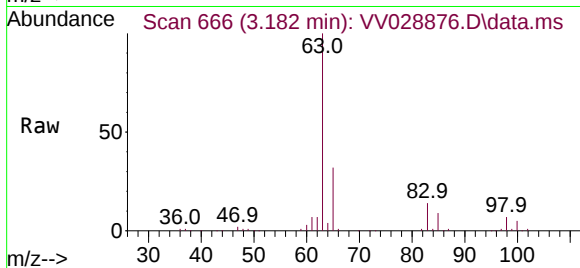
Tgt Ion: 63 Resp: 369979

Ion Ratio Lower Upper

63 100

65 32.0 23.0 42.6

83 13.7 9.4 17.6



#21

2-Butanone

Concen: 85.490 ug/L

RT: 3.969 min Scan# 911

Delta R.T. -0.010 min

Lab File: VV028876.D

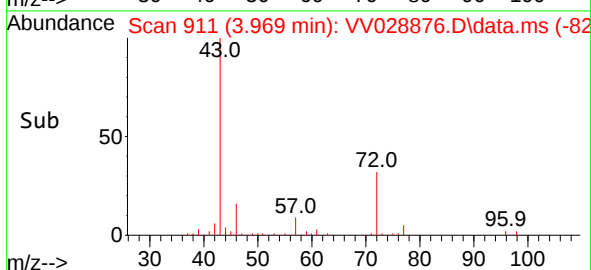
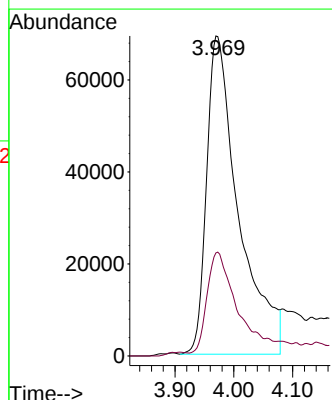
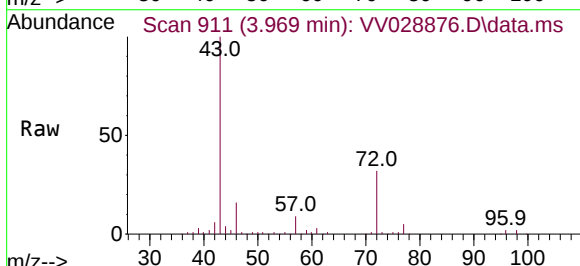
Acq: 11 Nov 2022 14:43

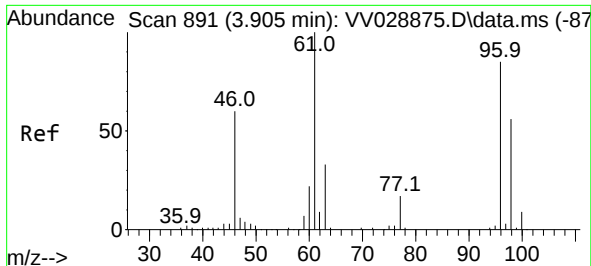
Tgt Ion: 43 Resp: 261381

Ion Ratio Lower Upper

43 100

72 29.7 11.9 35.9

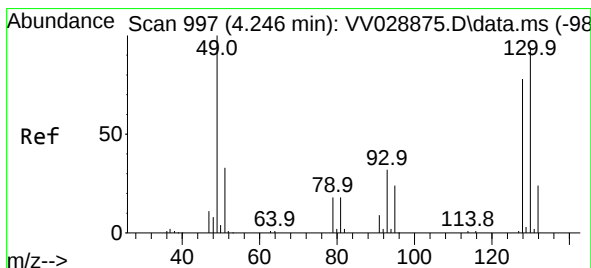
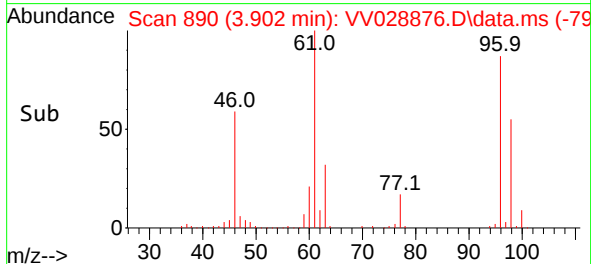
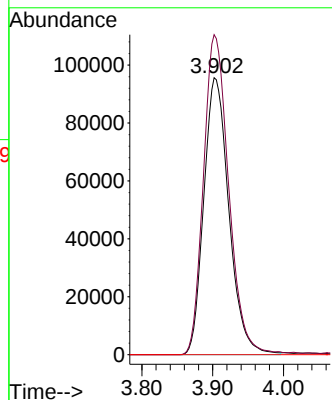
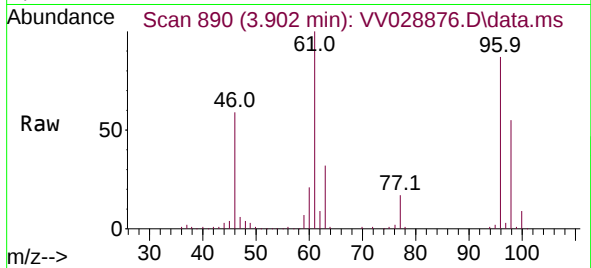




#22
 cis-1,2-Dichloroethene
 Concen: 10.734 ug/L
 RT: 3.902 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV028876.D
 Acq: 11 Nov 2022 14:43

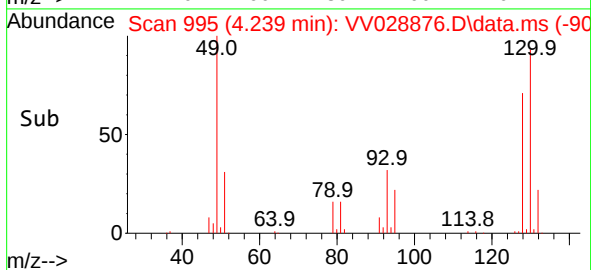
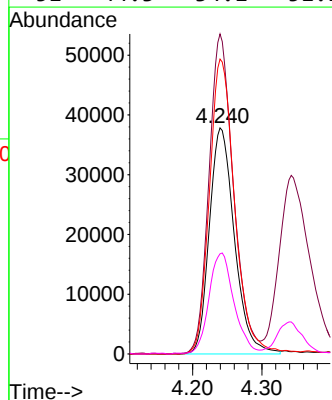
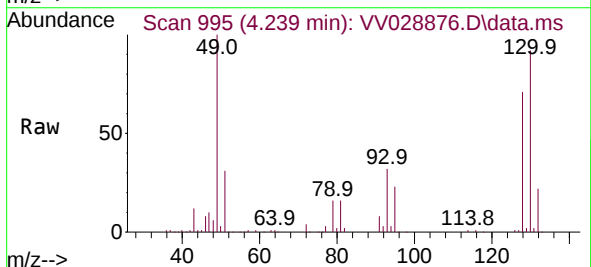
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010280

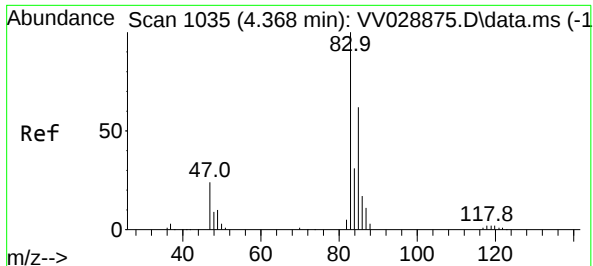
Tgt Ion: 96 Resp: 235486
 Ion Ratio Lower Upper
 96 100
 61 115.5 82.3 152.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 10.244 ug/L
 RT: 4.239 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VV028876.D
 Acq: 11 Nov 2022 14:43

Tgt Ion: 128 Resp: 95043
 Ion Ratio Lower Upper
 128 100
 49 141.5 89.5 166.1
 130 130.4 84.4 156.8
 51 44.3 34.1 51.1





#25

Chloroform

Concen: 10.507 ug/L

RT: 4.365 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV028876.D

Acq: 11 Nov 2022 14:43

Instrument :

MSVOA_V

ClientSampleId :

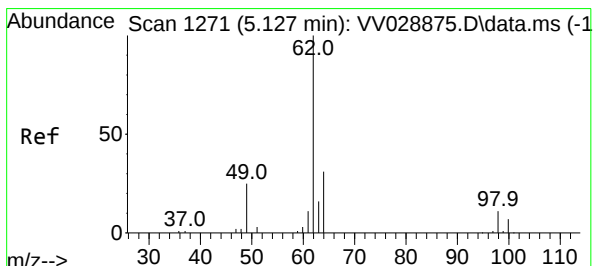
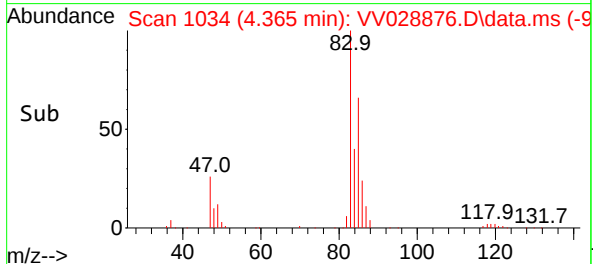
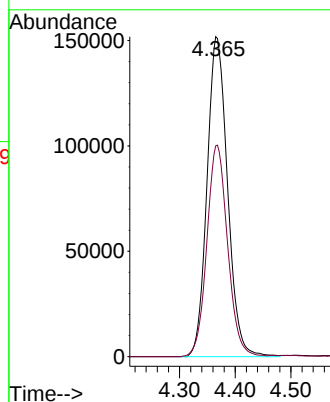
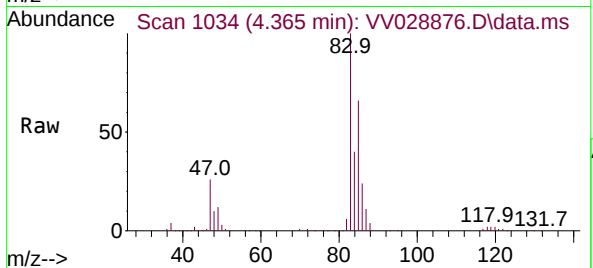
VSTD010280

Tgt Ion: 83 Resp: 388559

Ion Ratio Lower Upper

83 100

85 65.9 43.7 81.1



#27

1,2-Dichloroethane

Concen: 10.656 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VV028876.D

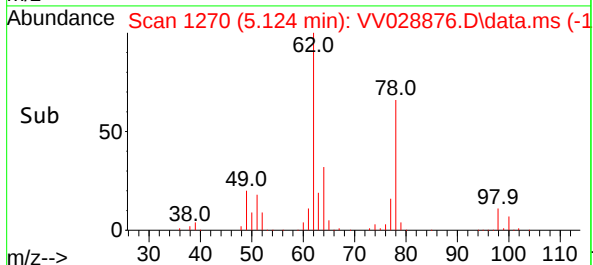
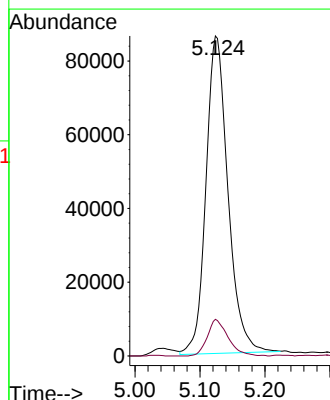
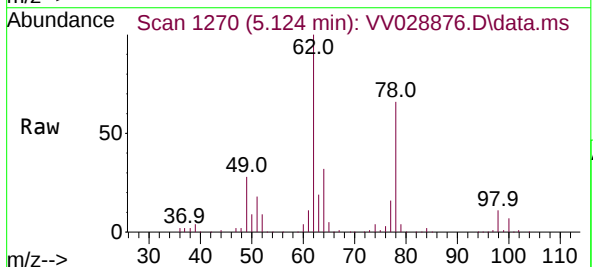
Acq: 11 Nov 2022 14:43

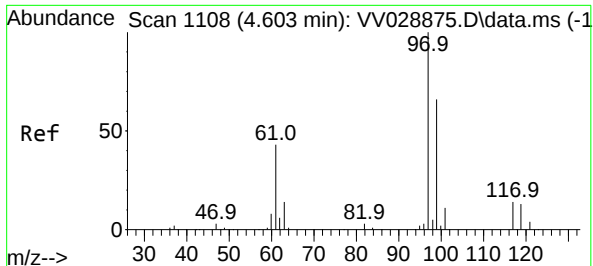
Tgt Ion: 62 Resp: 202959

Ion Ratio Lower Upper

62 100

98 11.4 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 10.730 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV028876.D

Acq: 11 Nov 2022 14:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD010280

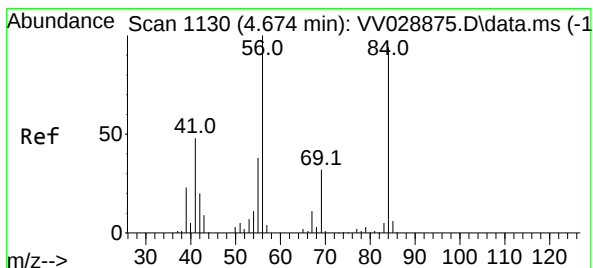
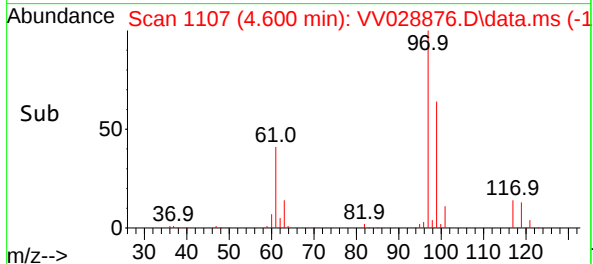
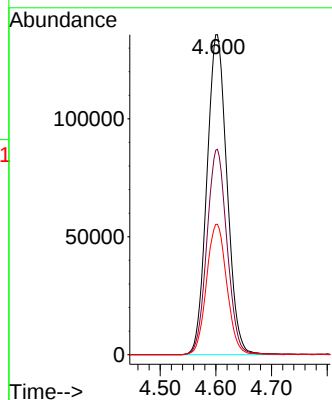
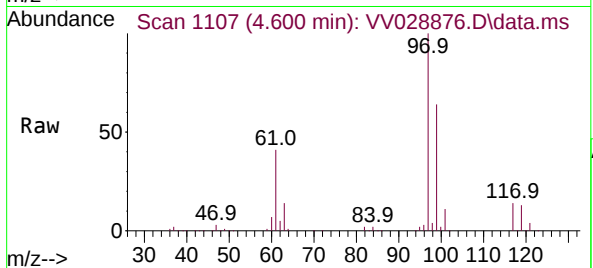
Tgt Ion: 97 Resp: 340632

Ion Ratio Lower Upper

97 100

99 64.2 52.7 79.1

61 41.1 33.8 50.6



#30

Cyclohexane

Concen: 10.965 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV028876.D

Acq: 11 Nov 2022 14:43

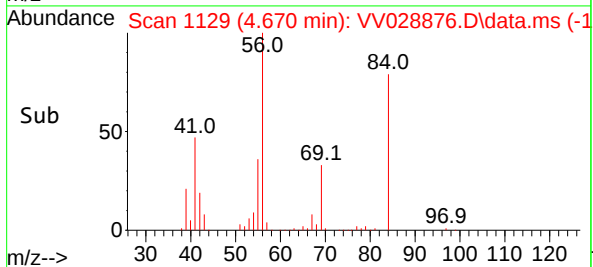
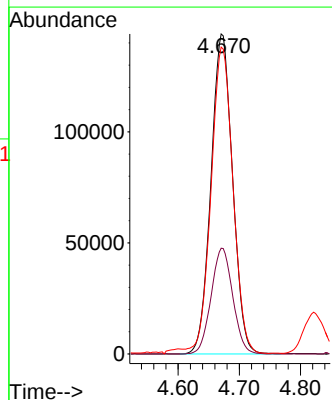
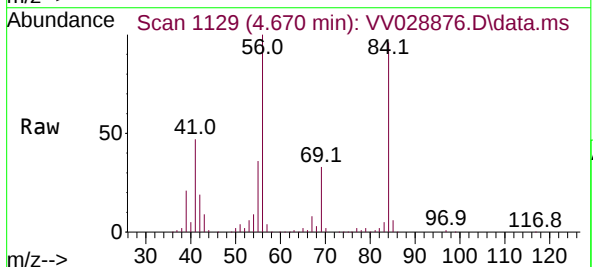
Tgt Ion: 56 Resp: 353763

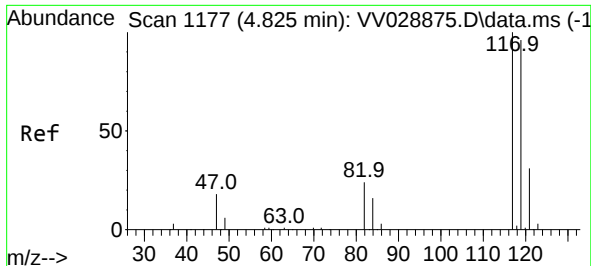
Ion Ratio Lower Upper

56 100

69 33.1 26.1 39.1

84 96.9 77.9 116.9

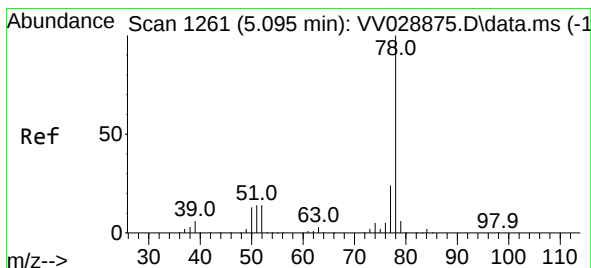
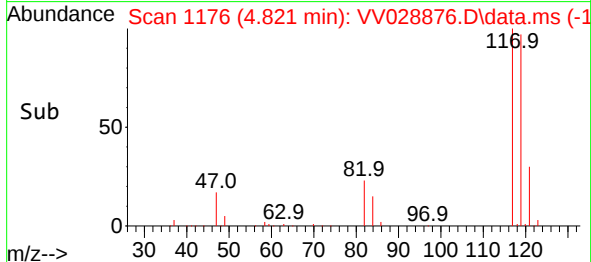
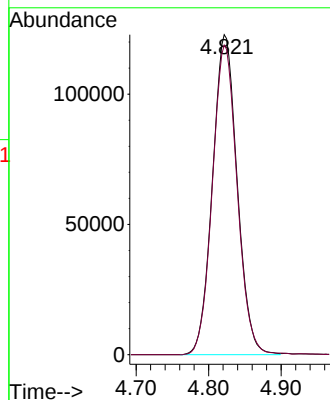
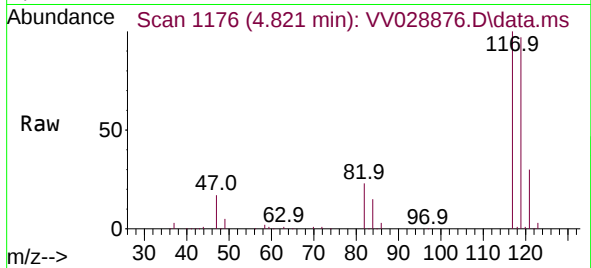




#31
Carbon tetrachloride
Concen: 10.626 ug/L
RT: 4.821 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV028876.D
Acq: 11 Nov 2022 14:43

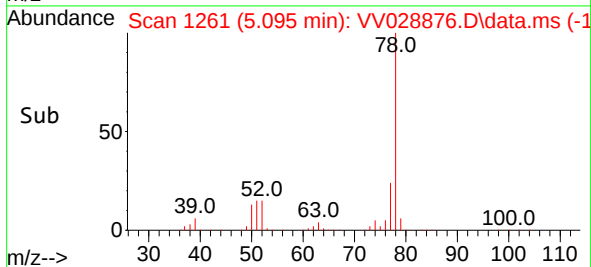
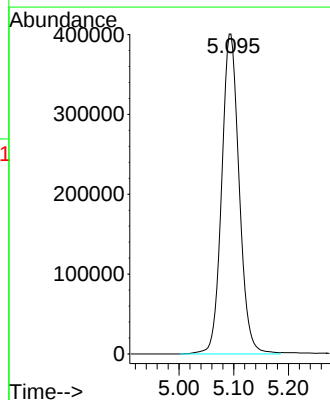
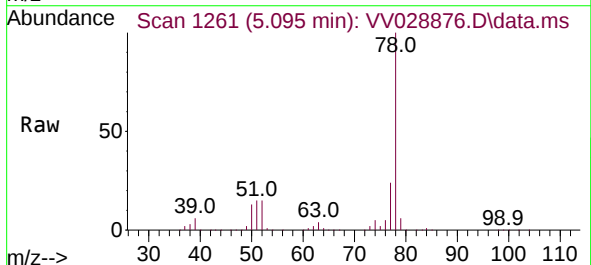
Instrument :
MSVOA_V
ClientSampleId :
VSTD010280

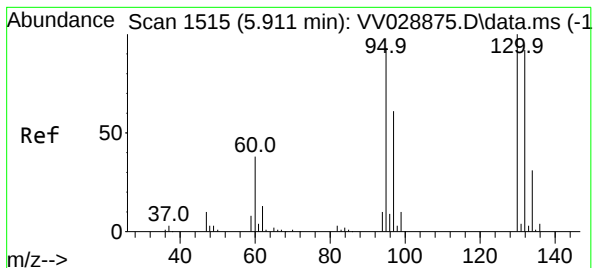
Tgt Ion:117 Resp: 290493
Ion Ratio Lower Upper
117 100
119 97.2 77.0 115.6



#33
Benzene
Concen: 10.765 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV028876.D
Acq: 11 Nov 2022 14:43

Tgt Ion: 78 Resp: 889966





#34

Trichloroethene

Concen: 10.784 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.003 min

Lab File: VV028876.D

Acq: 11 Nov 2022 14:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD010280

Tgt Ion: 95 Resp: 228231

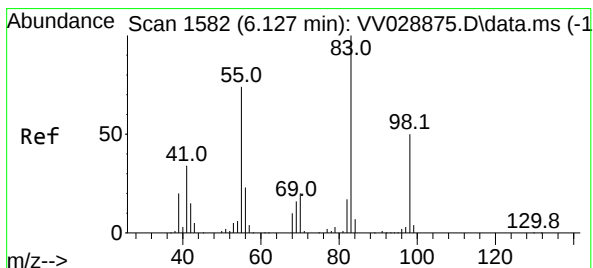
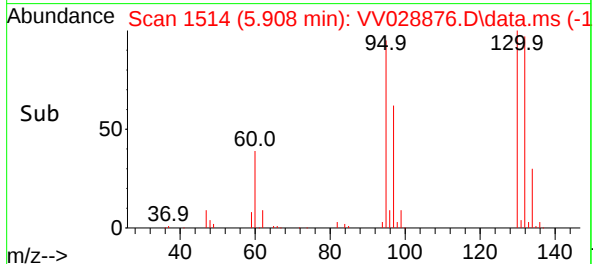
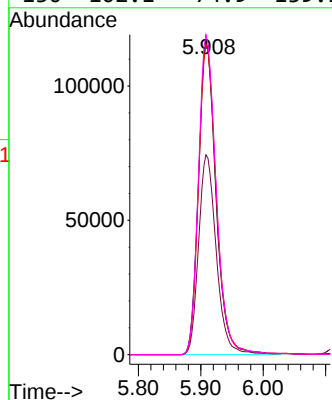
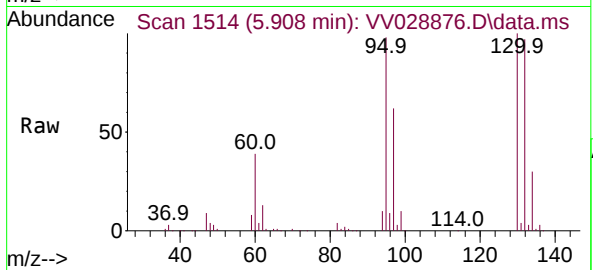
Ion Ratio Lower Upper

95 100

97 63.8 45.6 84.8

132 98.7 69.1 128.3

130 102.1 74.9 139.1



#35

Methylcyclohexane

Concen: 10.839 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.000 min

Lab File: VV028876.D

Acq: 11 Nov 2022 14:43

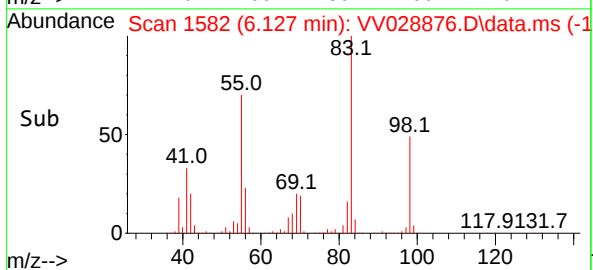
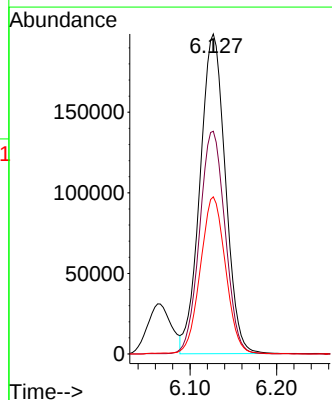
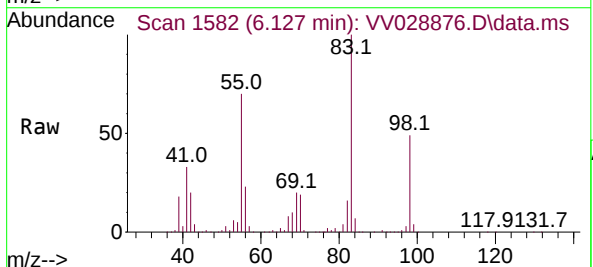
Tgt Ion: 83 Resp: 403174

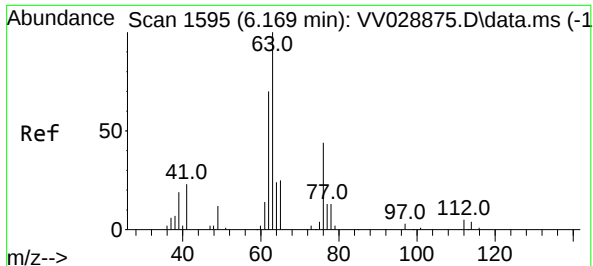
Ion Ratio Lower Upper

83 100

55 70.2 55.8 83.6

98 49.2 38.2 57.2





#37

1,2-Dichloropropane

Concen: 10.779 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028876.D

Acq: 11 Nov 2022 14:43

Instrument :

MSVOA_V

ClientSampleId :

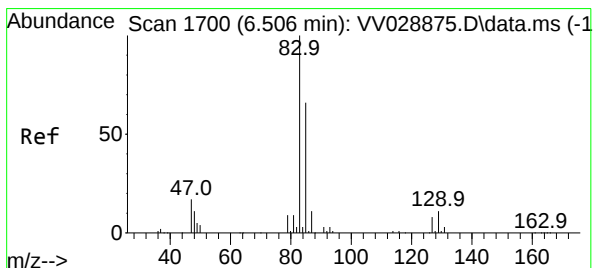
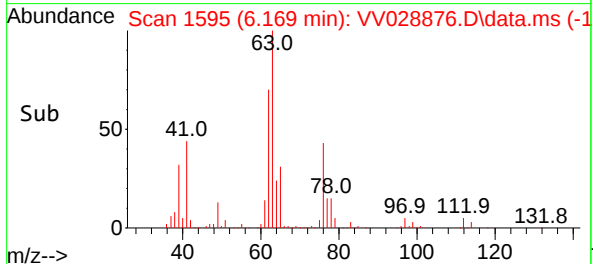
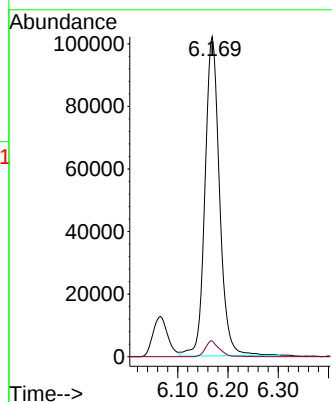
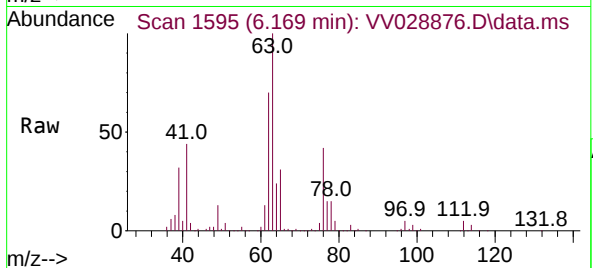
VSTD010280

Tgt Ion: 63 Resp: 205484

Ion Ratio Lower Upper

63 100

112 4.7 4.0 6.0



#38

Bromodichloromethane

Concen: 10.712 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV028876.D

Acq: 11 Nov 2022 14:43

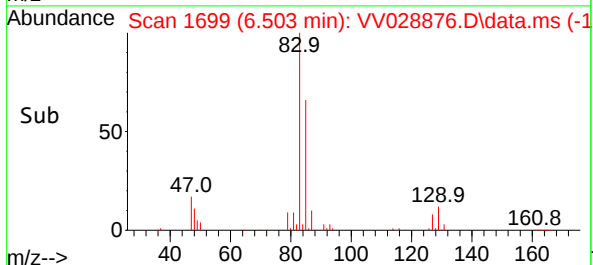
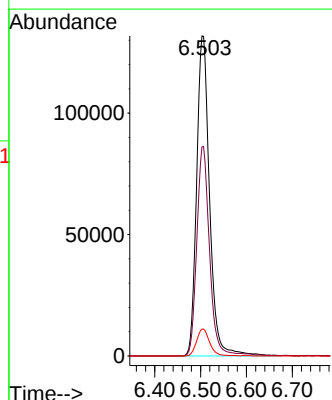
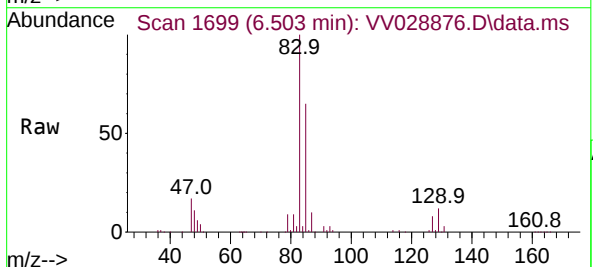
Tgt Ion: 83 Resp: 258626

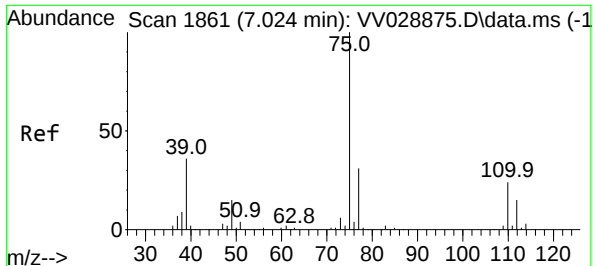
Ion Ratio Lower Upper

83 100

85 65.4 46.1 85.5

127 8.4 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 11.315 ug/L

RT: 7.021 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV028876.D

Acq: 11 Nov 2022 14:43

Instrument :

MSVOA_V

ClientSampleId :

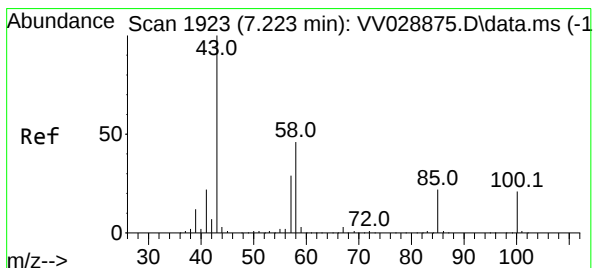
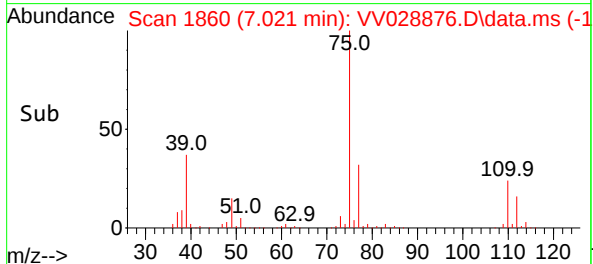
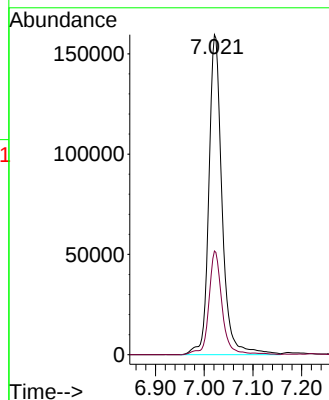
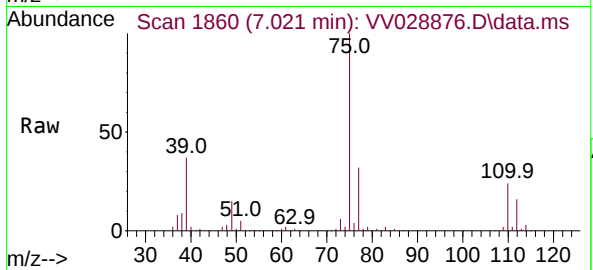
VSTD010280

Tgt Ion: 75 Resp: 301131

Ion Ratio Lower Upper

75 100

77 32.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 107.666 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.003 min

Lab File: VV028876.D

Acq: 11 Nov 2022 14:43

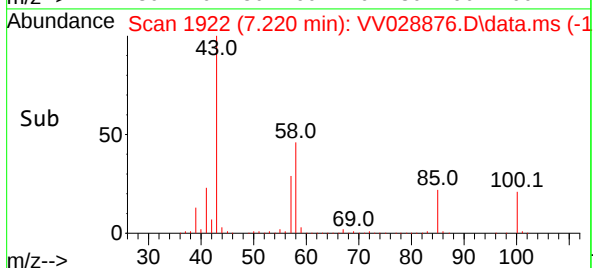
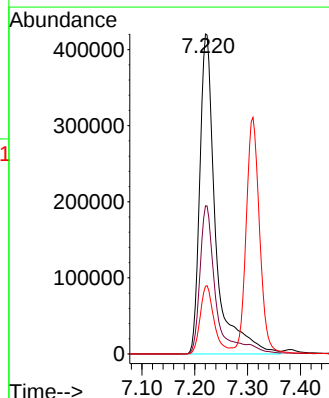
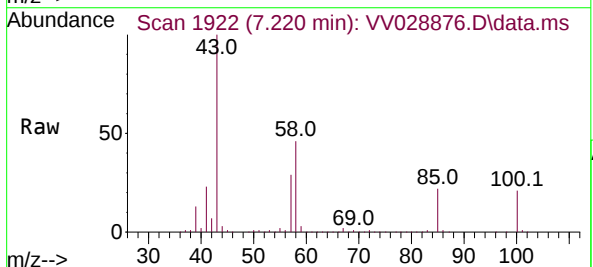
Tgt Ion: 43 Resp: 881471

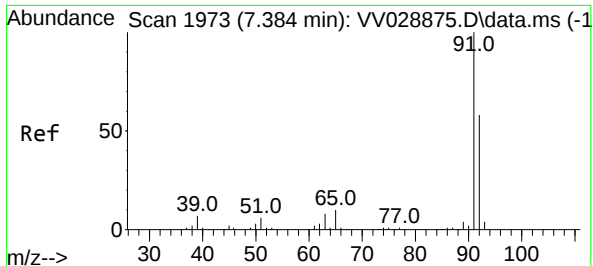
Ion Ratio Lower Upper

43 100

58 44.1 36.6 55.0

100 18.7 14.5 21.7

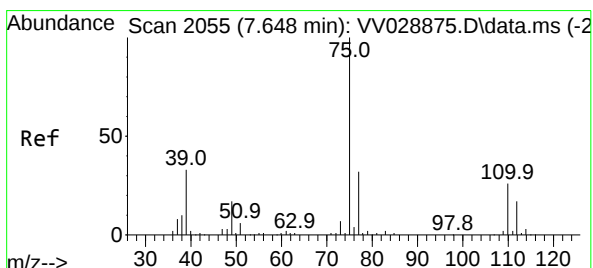
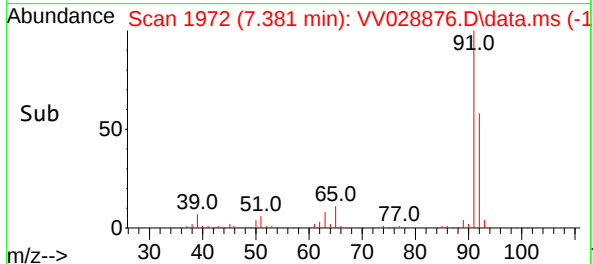
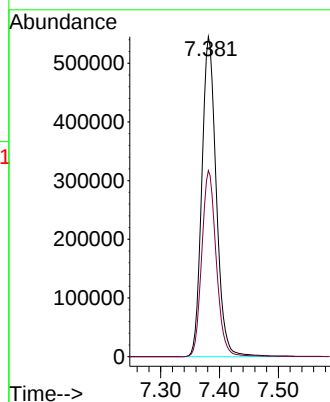
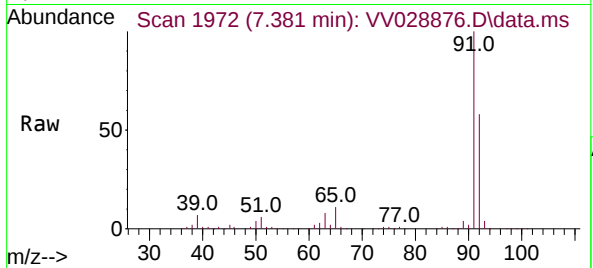




#42
Toluene
Concen: 10.399 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. -0.003 min
Lab File: VV028876.D
Acq: 11 Nov 2022 14:43

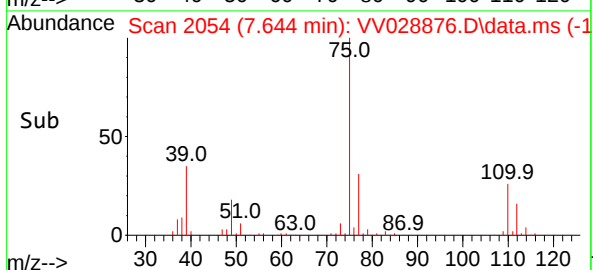
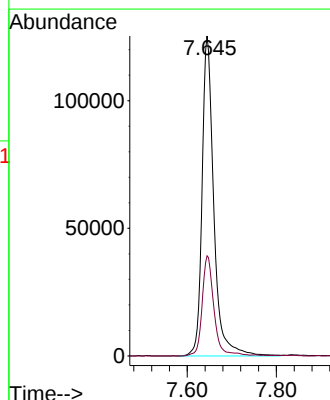
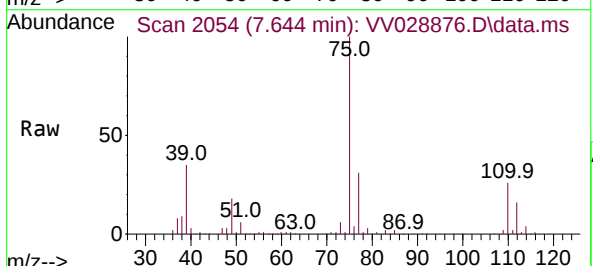
Instrument :
MSVOA_V
ClientSampleId :
VSTD010280

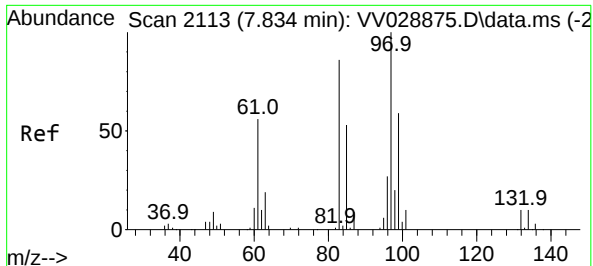
Tgt Ion: 91 Resp: 928712
Ion Ratio Lower Upper
91 100
92 58.2 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 11.125 ug/L
RT: 7.644 min Scan# 2054
Delta R.T. -0.003 min
Lab File: VV028876.D
Acq: 11 Nov 2022 14:43

Tgt Ion: 75 Resp: 229859
Ion Ratio Lower Upper
75 100
77 31.3 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 10.607 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. 0.000 min

Lab File: VV028876.D

Acq: 11 Nov 2022 14:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD010280

Tgt Ion: 97 Resp: 132373

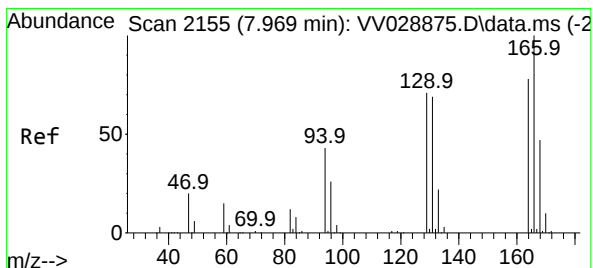
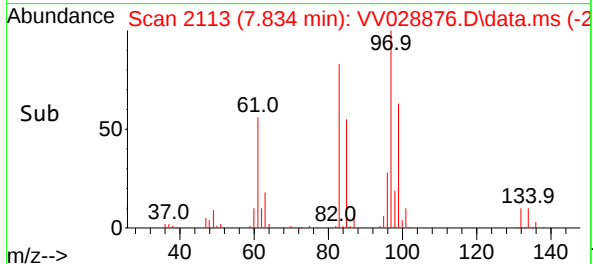
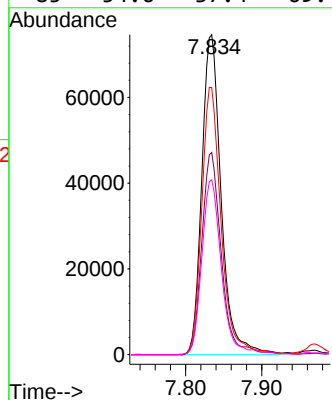
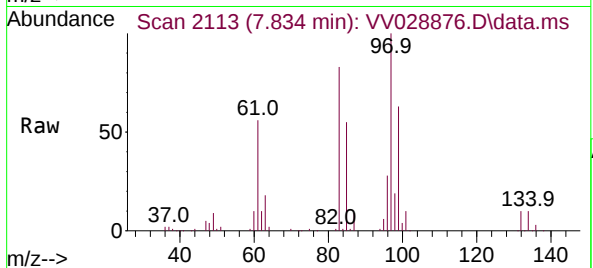
Ion Ratio Lower Upper

97 100

99 63.2 41.5 77.1

83 83.4 60.0 111.4

85 54.6 37.4 69.4



#47

Tetrachloroethene

Concen: 10.616 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV028876.D

Acq: 11 Nov 2022 14:43

Tgt Ion: 164 Resp: 179901

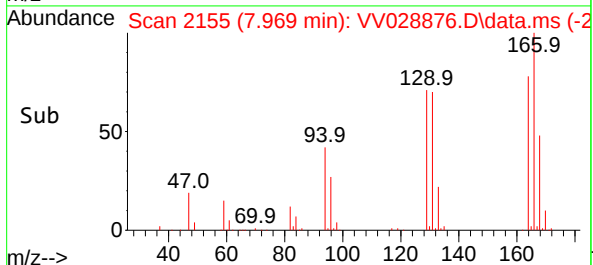
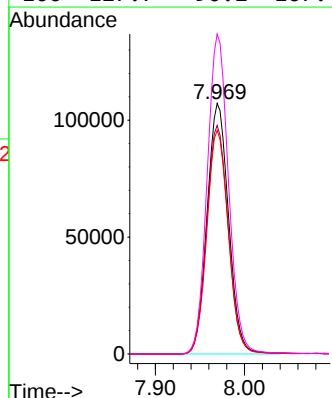
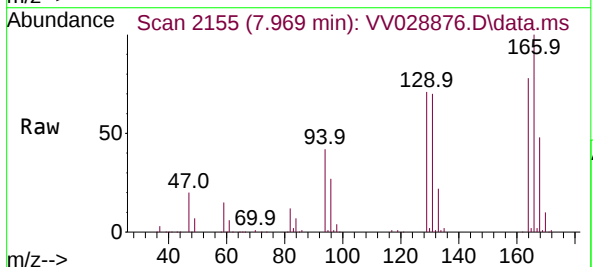
Ion Ratio Lower Upper

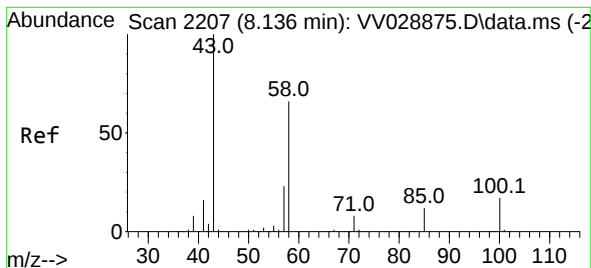
164 100

129 91.2 63.9 118.7

131 89.3 61.8 114.8

166 127.7 90.2 167.4





#48

2-Hexanone

Concen: 110.351 ug/L

RT: 8.133 min Scan# 2206

Delta R.T. -0.003 min

Lab File: VV028876.D

Acq: 11 Nov 2022 14:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD010280

Tgt Ion: 43 Resp: 629707

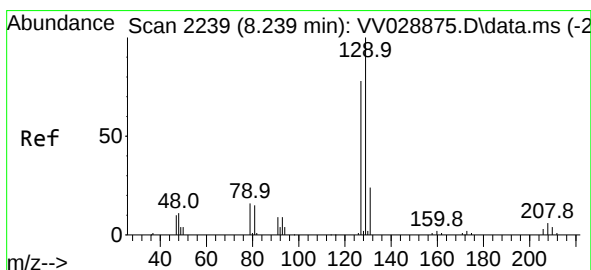
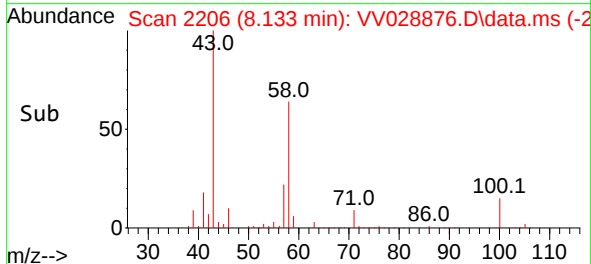
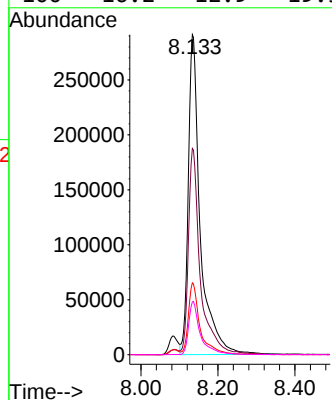
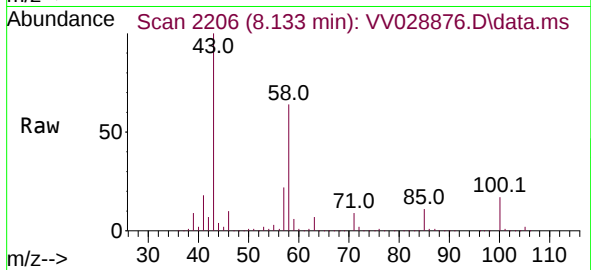
Ion Ratio Lower Upper

43 100

58 61.0 50.2 75.4

57 21.3 17.8 26.8

100 16.2 12.9 19.3



#49

Dibromochloromethane

Concen: 10.713 ug/L

RT: 8.239 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VV028876.D

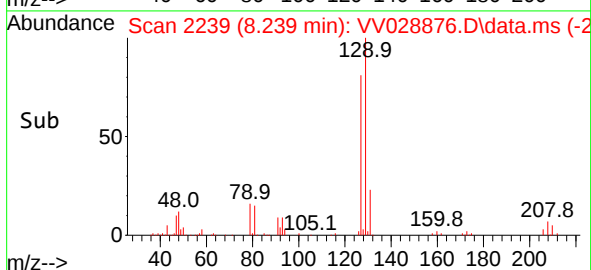
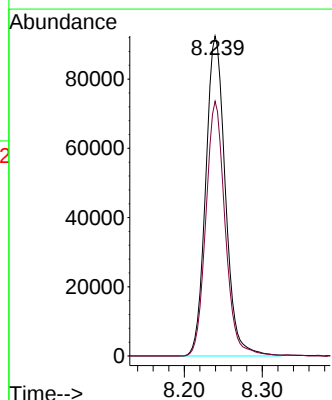
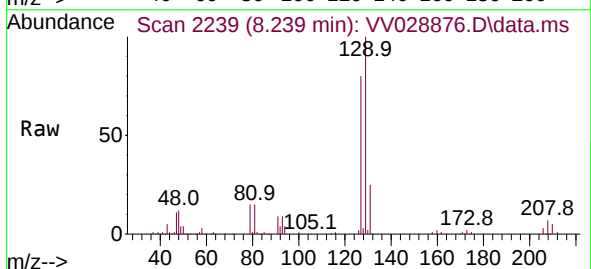
Acq: 11 Nov 2022 14:43

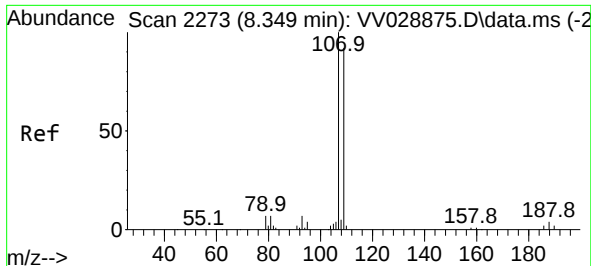
Tgt Ion: 129 Resp: 161634

Ion Ratio Lower Upper

129 100

127 79.6 54.5 101.1





#50

1,2-Dibromoethane

Concen: 10.738 ug/L

RT: 8.345 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV028876.D

Acq: 11 Nov 2022 14:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD010280

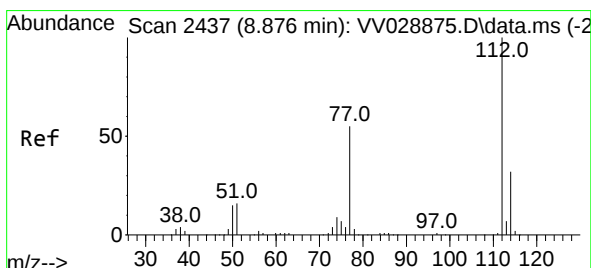
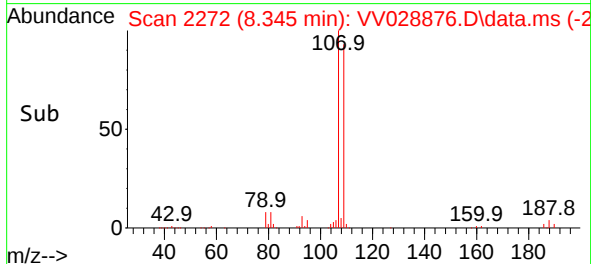
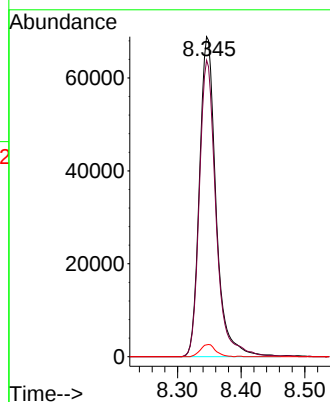
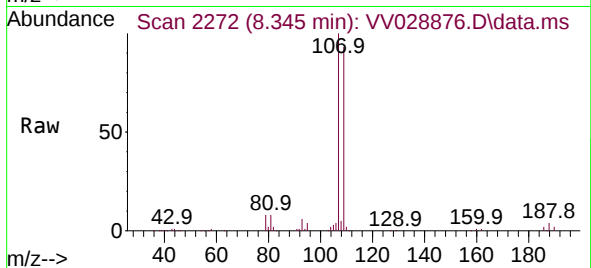
Tgt Ion:107 Resp: 124498

Ion Ratio Lower Upper

107 100

109 92.7 64.4 119.6

188 3.7 2.9 4.3



#51

Chlorobenzene

Concen: 10.610 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. -0.003 min

Lab File: VV028876.D

Acq: 11 Nov 2022 14:43

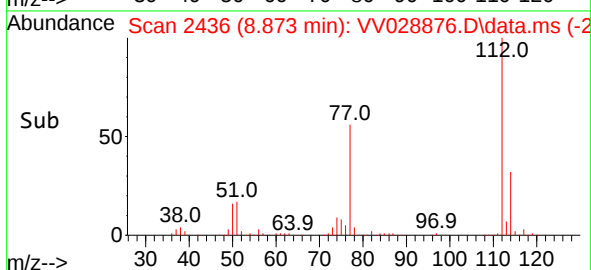
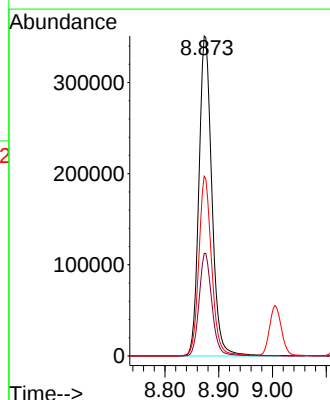
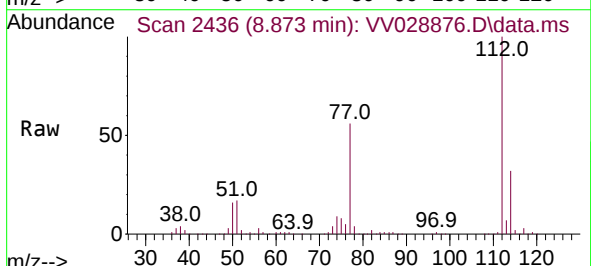
Tgt Ion:112 Resp: 585895

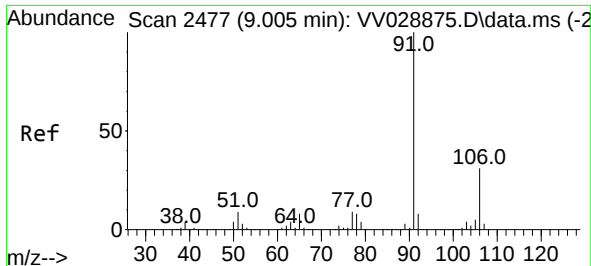
Ion Ratio Lower Upper

112 100

114 32.1 22.4 41.6

77 56.2 44.4 66.6





#52

Ethylbenzene

Concen: 10.777 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. 0.000 min

Lab File: VV028876.D

Acq: 11 Nov 2022 14:43

Instrument :

MSVOA_V

ClientSampleId :

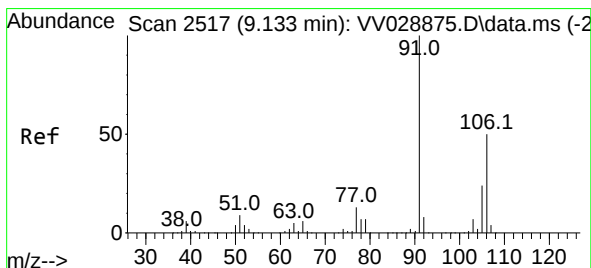
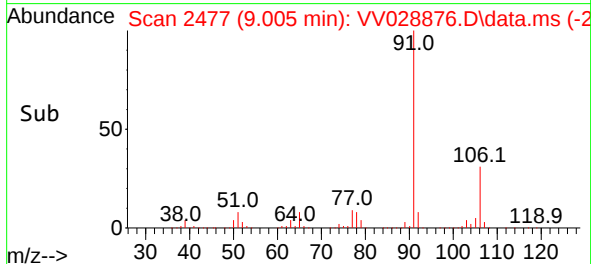
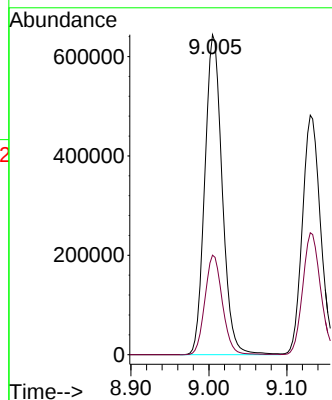
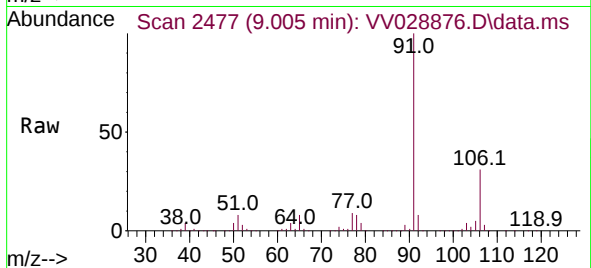
VSTD010280

Tgt Ion: 91 Resp: 1002061

Ion Ratio Lower Upper

91 100

106 31.1 21.6 40.2



#53

m,p-Xylene

Concen: 10.689 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. -0.003 min

Lab File: VV028876.D

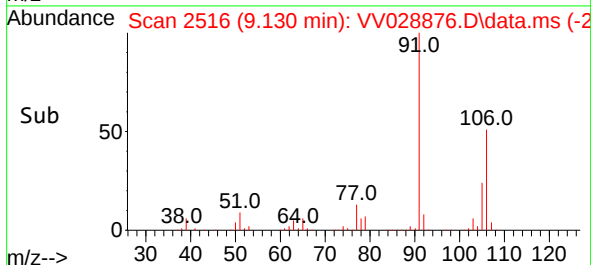
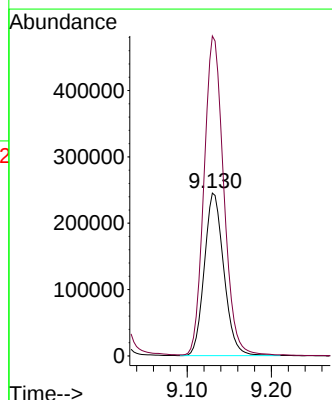
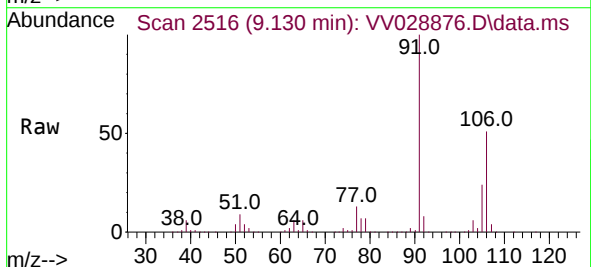
Acq: 11 Nov 2022 14:43

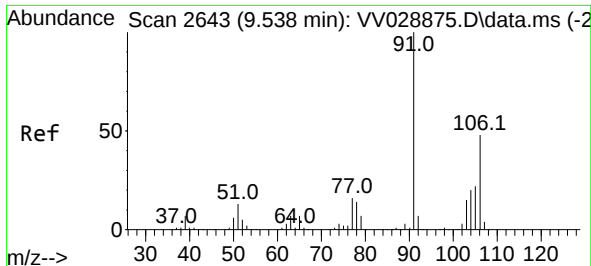
Tgt Ion:106 Resp: 395270

Ion Ratio Lower Upper

106 100

91 196.5 139.1 258.3

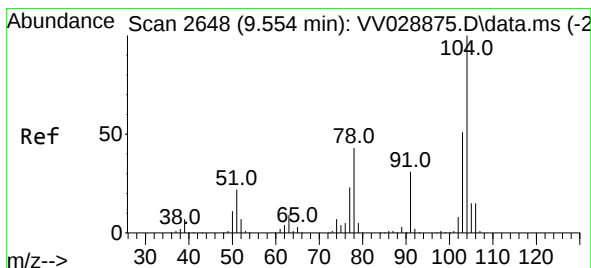
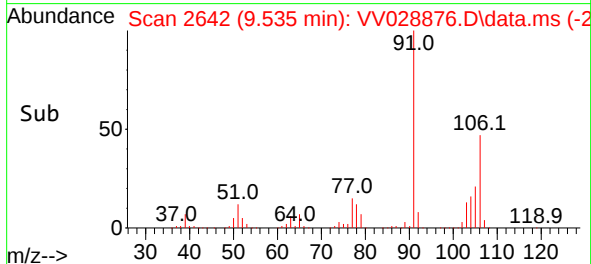
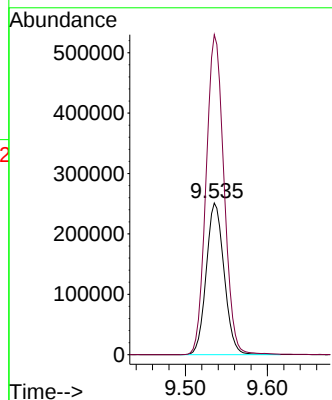
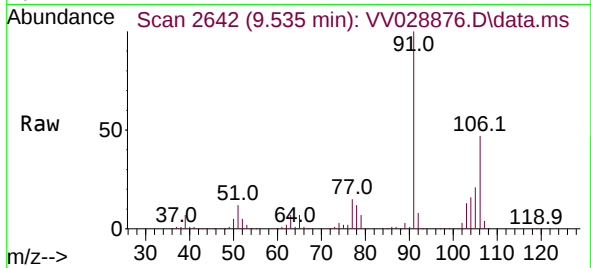




#54
o-Xylene
Concen: 10.817 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.003 min
Lab File: VV028876.D
Acq: 11 Nov 2022 14:43

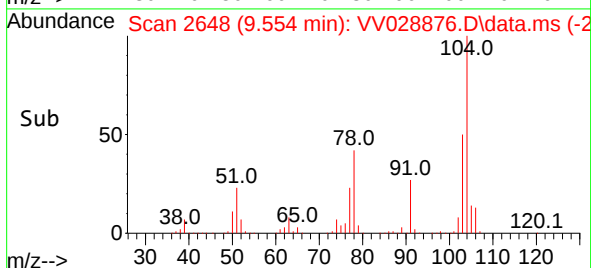
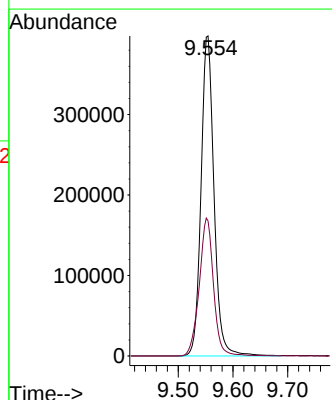
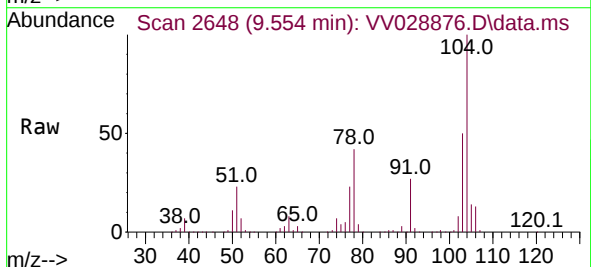
Instrument :
MSVOA_V
ClientSampleId :
VSTD010280

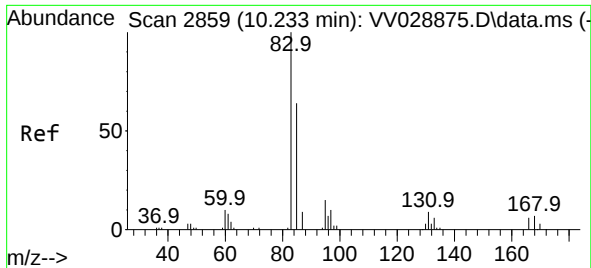
Tgt Ion:106 Resp: 380249
Ion Ratio Lower Upper
106 100
91 211.0 145.7 270.7



#55
Styrene
Concen: 11.108 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.000 min
Lab File: VV028876.D
Acq: 11 Nov 2022 14:43

Tgt Ion:104 Resp: 654937
Ion Ratio Lower Upper
104 100
78 42.2 30.1 55.9

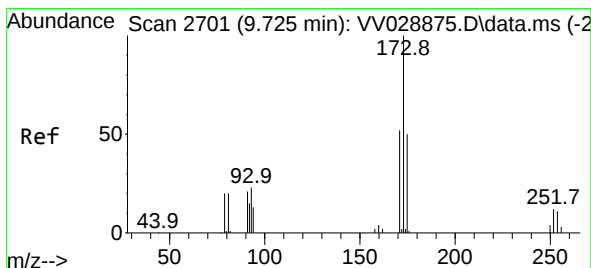
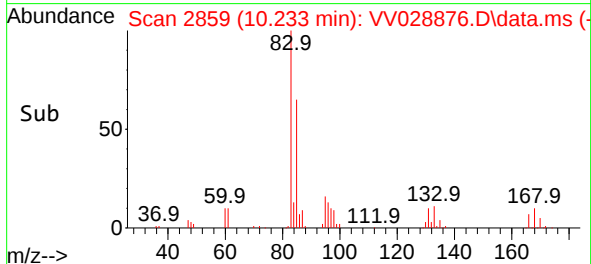
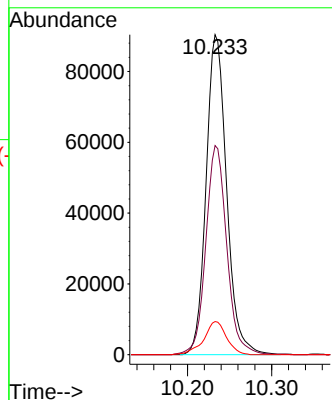
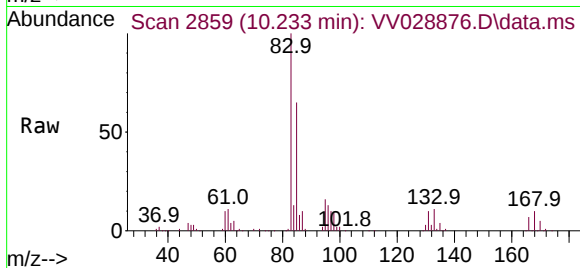




#57
1,1,2,2-Tetrachloroethane
Concen: 10.528 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VV028876.D
Acq: 11 Nov 2022 14:43

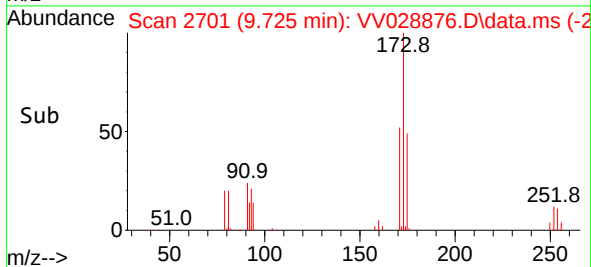
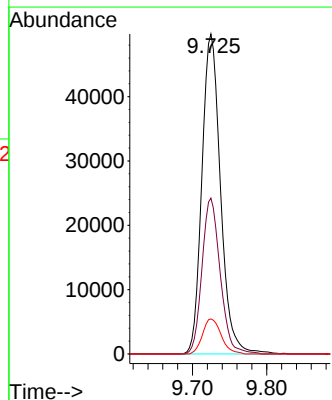
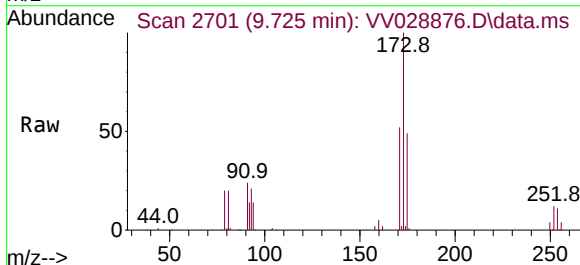
Instrument :
MSVOA_V
ClientSampleId :
VSTD010280

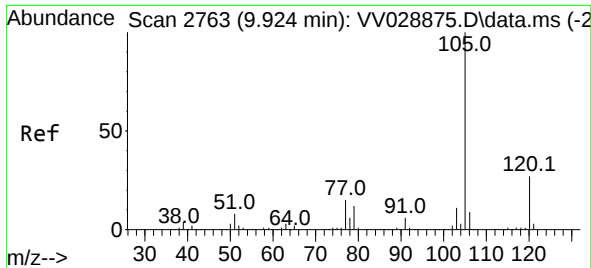
Tgt Ion: 83 Resp: 153139
Ion Ratio Lower Upper
83 100
85 65.4 45.2 84.0
131 10.4 7.5 11.3



#59
Bromoform
Concen: 10.738 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV028876.D
Acq: 11 Nov 2022 14:43

Tgt Ion: 173 Resp: 86692
Ion Ratio Lower Upper
173 100
175 47.6 38.2 57.4
254 11.0 8.5 12.7

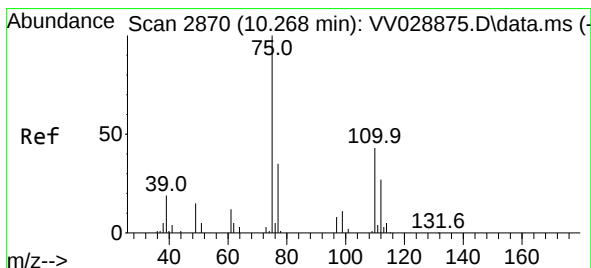
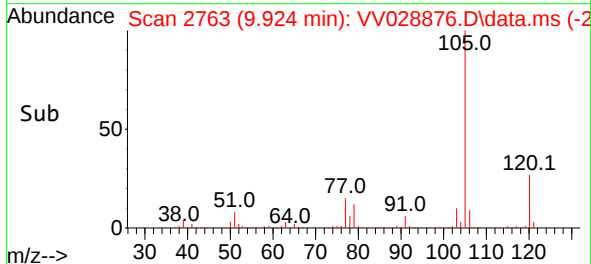
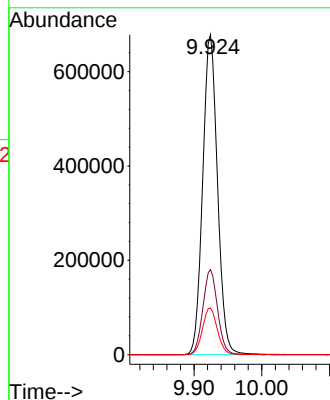
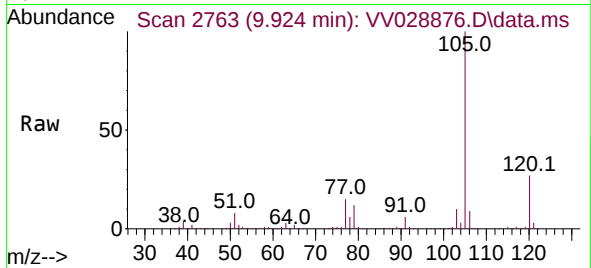




#60
Isopropylbenzene
Concen: 10.690 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028876.D
Acq: 11 Nov 2022 14:43

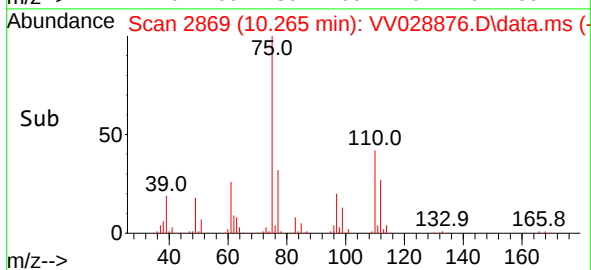
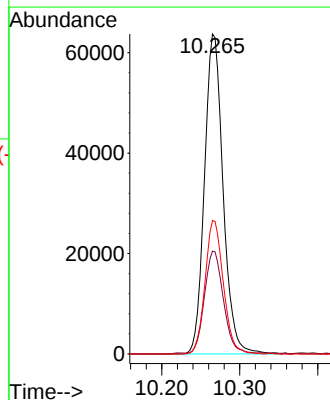
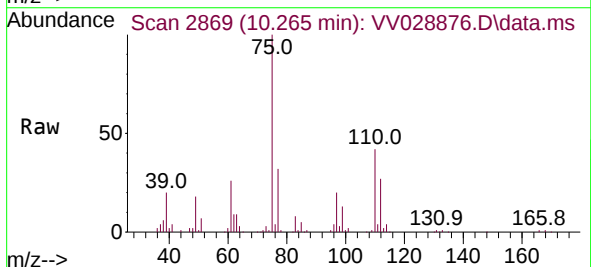
Instrument :
MSVOA_V
ClientSampleId :
VSTD010280

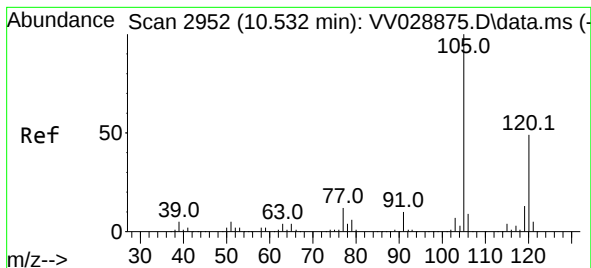
Tgt Ion:105 Resp: 1027481
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 14.7 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 10.466 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.003 min
Lab File: VV028876.D
Acq: 11 Nov 2022 14:43

Tgt Ion: 75 Resp: 105916
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
110 41.0 32.6 48.8





#62

1,3,5-Trimethylbenzene

Concen: 10.888 ug/L

RT: 10.532 min Scan# 2952

Delta R.T. 0.000 min

Lab File: VV028876.D

Acq: 11 Nov 2022 14:43

Instrument :

MSVOA_V

ClientSampleId :

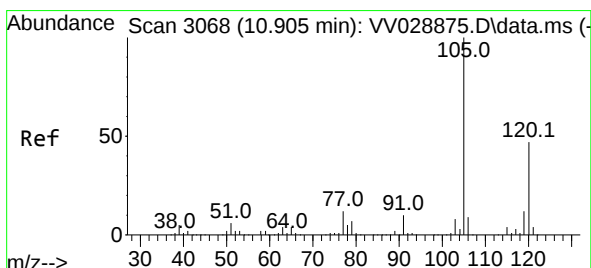
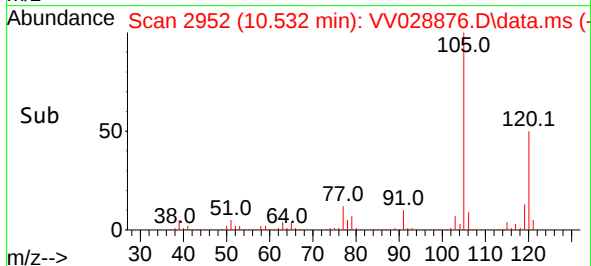
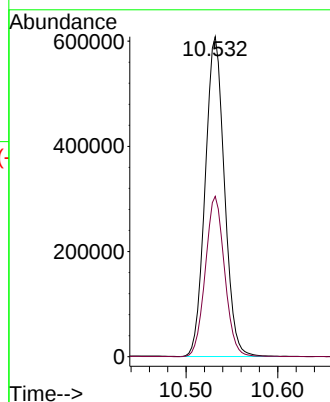
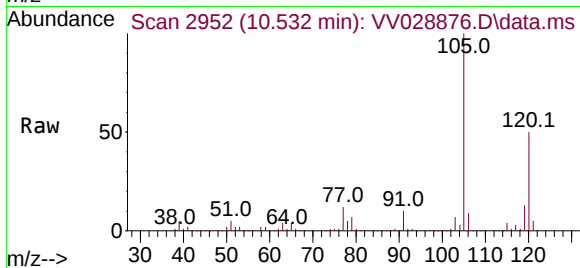
VSTD010280

Tgt Ion:105 Resp: 886637

Ion Ratio Lower Upper

105 100

120 50.2 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 10.880 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.000 min

Lab File: VV028876.D

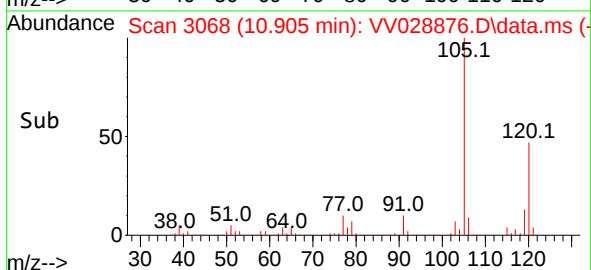
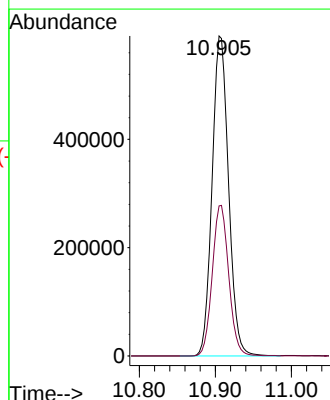
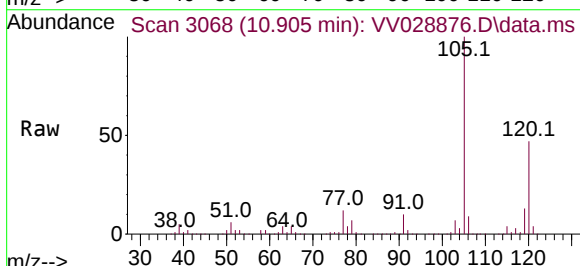
Acq: 11 Nov 2022 14:43

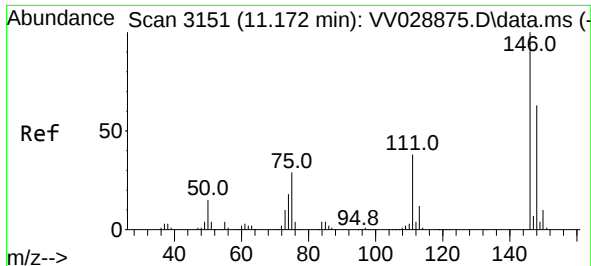
Tgt Ion:105 Resp: 887499

Ion Ratio Lower Upper

105 100

120 47.2 37.8 56.8

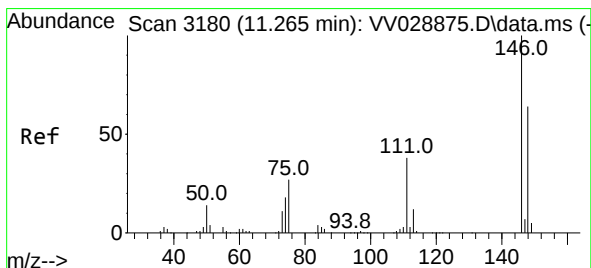
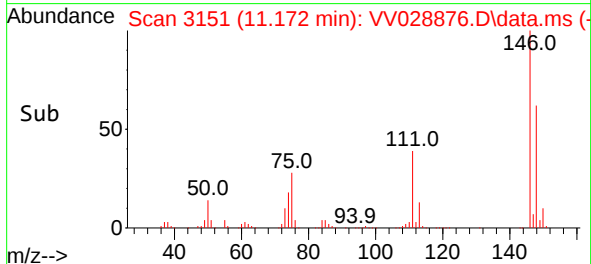
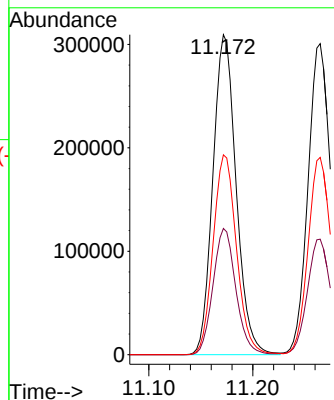
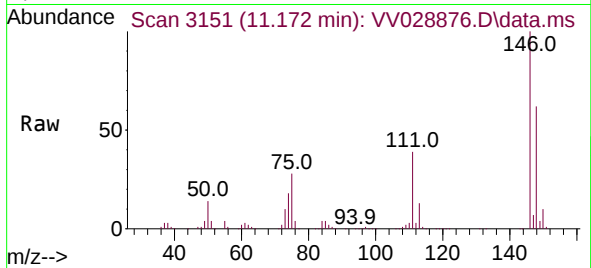




#64
 1,3-Dichlorobenzene
 Concen: 10.657 ug/L
 RT: 11.172 min Scan# 3151
 Delta R.T. 0.000 min
 Lab File: VV028876.D
 Acq: 11 Nov 2022 14:43

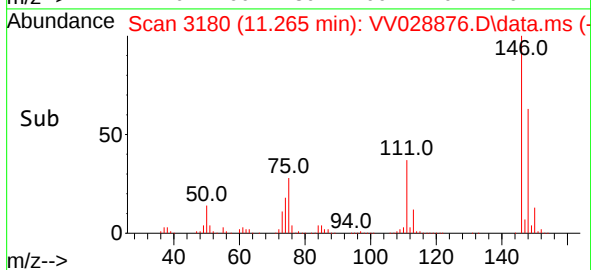
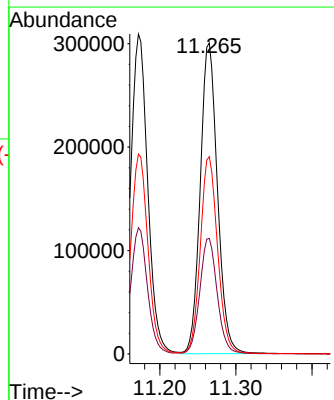
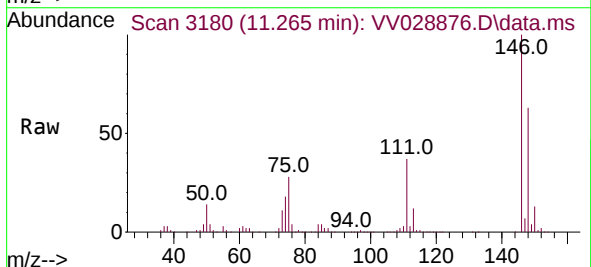
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010280

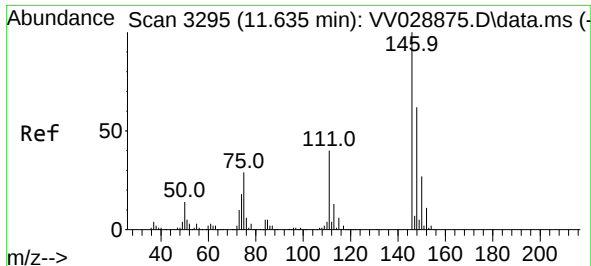
Tgt Ion:146 Resp: 481302
 Ion Ratio Lower Upper
 146 100
 111 39.5 26.9 50.1
 148 62.4 44.1 81.9



#65
 1,4-Dichlorobenzene
 Concen: 10.424 ug/L
 RT: 11.265 min Scan# 3180
 Delta R.T. 0.000 min
 Lab File: VV028876.D
 Acq: 11 Nov 2022 14:43

Tgt Ion:146 Resp: 473274
 Ion Ratio Lower Upper
 146 100
 111 37.2 26.5 49.3
 148 63.4 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 10.633 ug/L

RT: 11.635 min Scan# 3295

Delta R.T. 0.000 min

Lab File: VV028876.D

Acq: 11 Nov 2022 14:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD010280

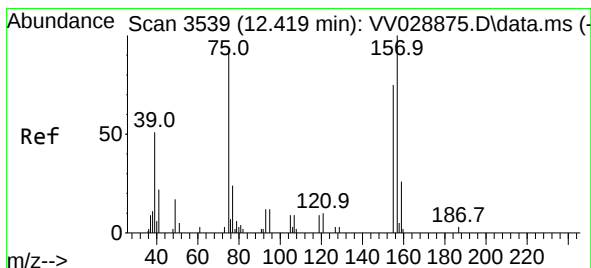
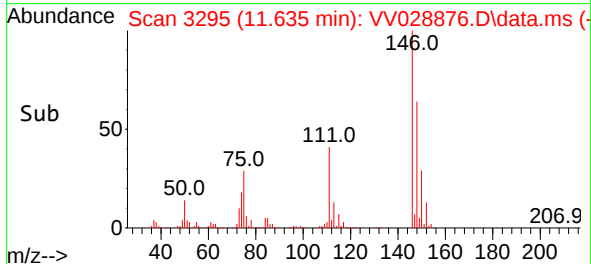
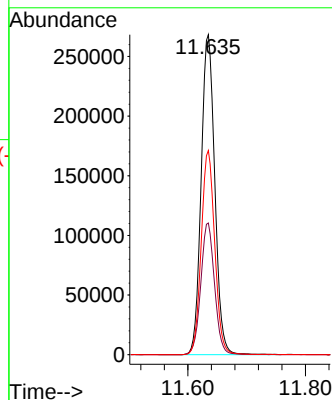
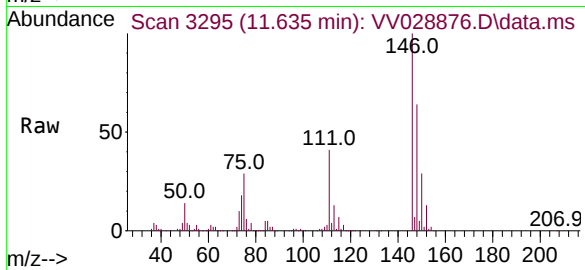
Tgt Ion:146 Resp: 431464

Ion Ratio Lower Upper

146 100

111 41.2 32.4 48.6

148 63.8 49.4 74.2



#68

1,2-Dibromo-3-chloropropane

Concen: 11.223 ug/L

RT: 12.419 min Scan# 3539

Delta R.T. 0.000 min

Lab File: VV028876.D

Acq: 11 Nov 2022 14:43

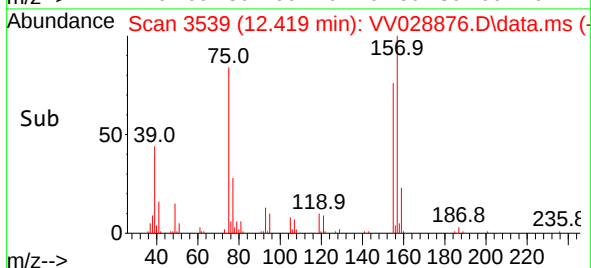
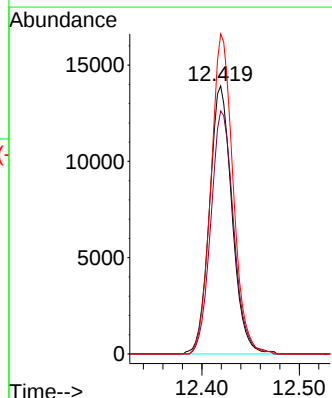
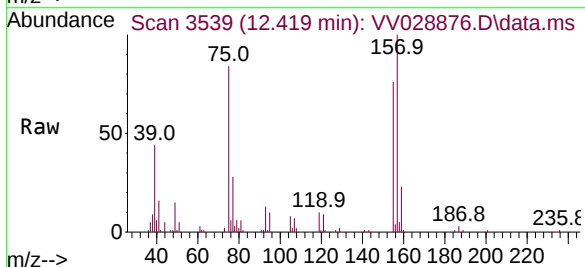
Tgt Ion: 75 Resp: 22348

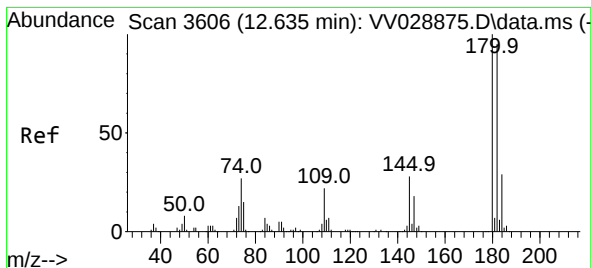
Ion Ratio Lower Upper

75 100

155 90.6 64.8 97.2

157 119.4 86.3 129.5





#69

1,3,5-Trichlorobenzene

Concen: 10.732 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. 0.000 min

Lab File: VV028876.D

Acq: 11 Nov 2022 14:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD010280

Tgt Ion:180 Resp: 373960

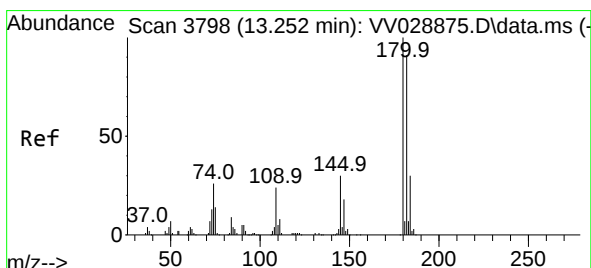
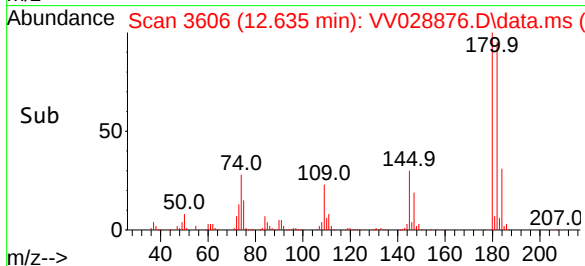
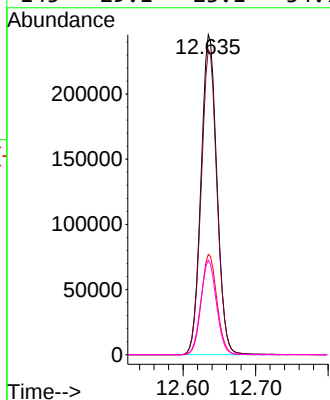
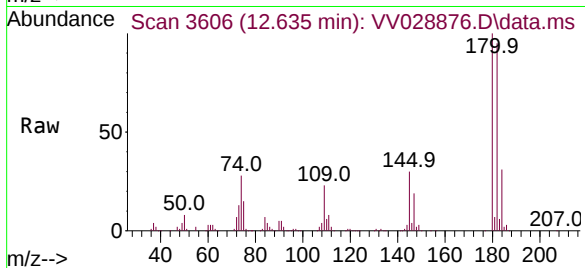
Ion Ratio Lower Upper

180 100

182 95.1 76.7 115.1

184 30.8 24.0 36.0

145 29.1 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 11.420 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. 0.000 min

Lab File: VV028876.D

Acq: 11 Nov 2022 14:43

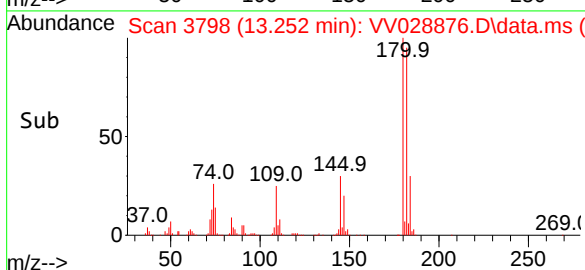
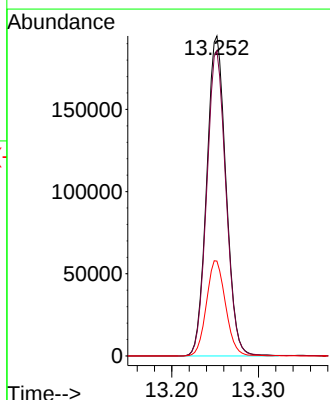
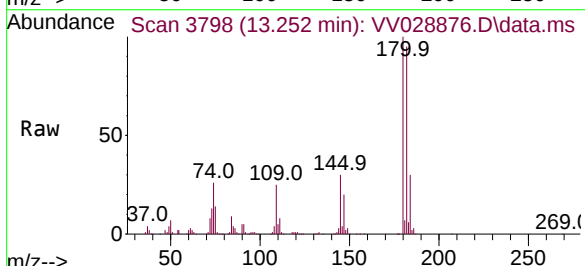
Tgt Ion:180 Resp: 300975

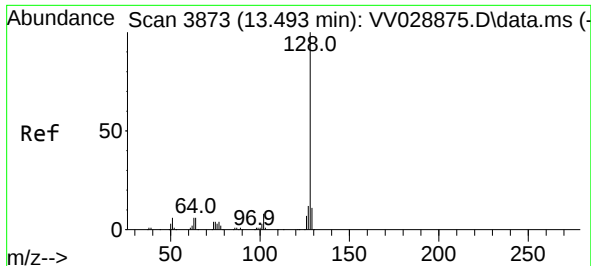
Ion Ratio Lower Upper

180 100

182 94.9 74.3 111.5

145 29.6 23.7 35.5

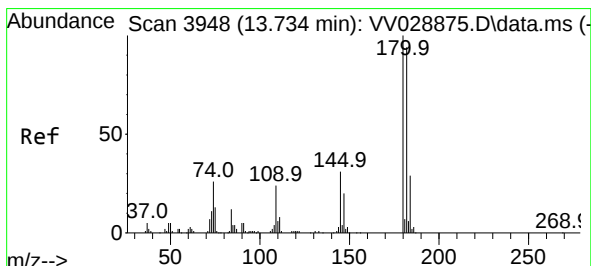
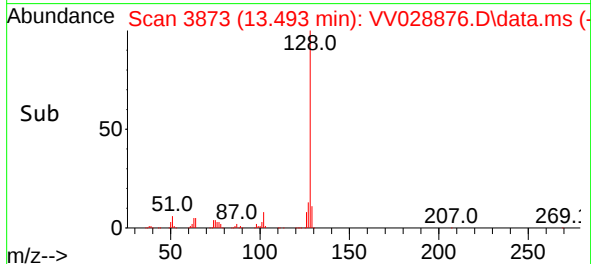
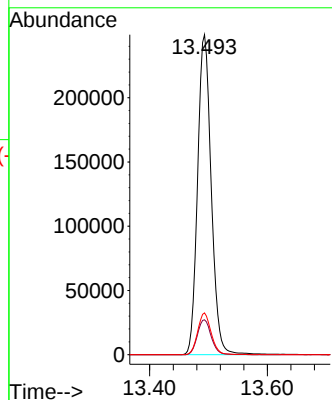
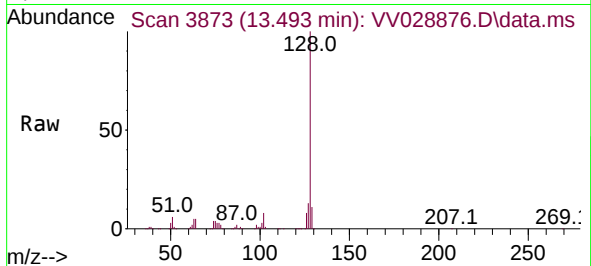




#71
Naphthalene
Concen: 11.783 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.000 min
Lab File: VV028876.D
Acq: 11 Nov 2022 14:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD010280

Tgt Ion:128 Resp: 400697
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.8 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 11.349 ug/L
RT: 13.734 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VV028876.D
Acq: 11 Nov 2022 14:43

Tgt Ion:180 Resp: 253335
Ion Ratio Lower Upper
180 100
182 96.1 75.4 113.2
145 31.7 24.9 37.3

