

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
 Data File : VV028873.D
 Acq On : 11 Nov 2022 13:30
 Operator : SY/MD
 Sample : VSTD0.577
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5277

Quant Time: Nov 11 21:54:52 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	5.609	114	306642	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	280742	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	141365	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	8394	0.449	ug/L	0.00
7) Chloroethane-d5	1.564	69	7115	0.433	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	14356	0.421	ug/L	0.00
20) 2-Butanone-d5	3.924	46	4725	1.524	ug/L	0.03
24) Chloroform-d	4.346	84	16036	0.418	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	7322	0.424	ug/L	0.00
32) Benzene-d6	5.050	84	32382	0.386	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	9095	0.389	ug/L	0.00
41) Toluene-d8	7.316	98	29049	0.385	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	2756	0.361	ug/L	0.01
46) 2-Hexanone-d5	8.101	63	10809	3.355	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.210	84	6597	0.407	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	10511	0.416	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	11759	0.460	ug/L	96
3) Chloromethane	1.240	50	9943	0.469	ug/L	98
5) Vinyl chloride	1.310	62	11276	0.466	ug/L	95
6) Bromomethane	1.519	94	6658	0.460	ug/L	89
8) Chloroethane	1.584	64	7494	0.527	ug/L	96
9) Trichlorofluoromethane	1.751	101	15443	0.473	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	8670	0.469	ug/L	97
12) 1,1-Dichloroethene	2.117	96	8585	0.462	ug/L	95
13) Acetone	2.182	43	15545	7.722	ug/L	89
14) Carbon disulfide	2.291	76	31218	0.474	ug/L	99
15) Methyl Acetate	2.439	43	2586	0.529	ug/L	93
16) Methylene chloride	2.503	84	11114	0.463	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	17084	0.429	ug/L	# 96
18) trans-1,2-Dichloroethene	2.760	96	9939	0.462	ug/L	93
19) 1,1-Dichloroethane	3.188	63	15776	0.448	ug/L	96
21) 2-Butanone	4.005	43	7925	2.598	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	9207	0.421	ug/L	94
23) Bromochloromethane	4.249	128	4165	0.450	ug/L	96
25) Chloroform	4.375	83	16087	0.436	ug/L	100
27) 1,2-Dichloroethane	5.140	62	8430	0.444	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	14341	0.435	ug/L	93
30) Cyclohexane	4.667	56	13710	0.409	ug/L	98
31) Carbon tetrachloride	4.825	117	12848	0.453	ug/L	96
33) Benzene	5.098	78	36593	0.427	ug/L	100
34) Trichloroethene	5.918	95	9204	0.419	ug/L	94
35) Methylcyclohexane	6.124	83	16053	0.416	ug/L	100
37) 1,2-Dichloropropane	6.175	63	8553	0.432	ug/L	# 96
38) Bromodichloromethane	6.509	83	10594	0.423	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	10743	0.389	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	33936	3.994	ug/L	94
42) Toluene	7.387	91	45394	0.490	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	8687	0.405	ug/L	96

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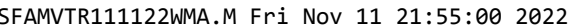
Quant Time: Nov 11 21:54:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 21:54:17 2022
 Response via : Initial Calibration

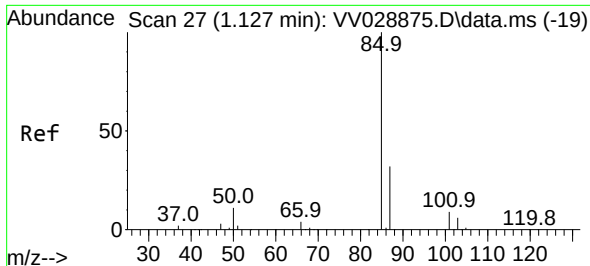
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.841	97	5576	0.431	ug/L	95
47) Tetrachloroethene	7.972	164	7639	0.434	ug/L	96
48) 2-Hexanone	8.149	43	22250	3.757	ug/L #	96
49) Dibromochloromethane	8.243	129	6736	0.430	ug/L	100
50) 1,2-Dibromoethane	8.355	107	5079	0.422	ug/L #	98
51) Chlorobenzene	8.879	112	25511	0.445	ug/L	98
52) Ethylbenzene	9.011	91	42110	0.436	ug/L	98
53) m,p-Xylene	9.136	106	17091	0.445	ug/L	98
54) o-Xylene	9.538	106	15708	0.431	ug/L	97
55) Styrene	9.561	104	24338	0.398	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.236	83	6772	0.449	ug/L	99
59) Bromoform	9.728	173	3219	0.418	ug/L	95
60) Isopropylbenzene	9.924	105	40553	0.442	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	4225	0.437	ug/L #	93
62) 1,3,5-Trimethylbenzene	10.535	105	33794	0.435	ug/L	100
63) 1,2,4-Trimethylbenzene	10.908	105	33595	0.431	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	19317	0.448	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	20418	0.471	ug/L	96
67) 1,2-Dichlorobenzene	11.638	146	17063	0.440	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.429	75	762	0.401	ug/L	94
69) 1,3,5-Trichlorobenzene	12.638	180	14157	0.426	ug/L	97
70) 1,2,4-trichlorobenzene	13.255	180	8859	0.352	ug/L	92
71) Naphthalene	13.503	128	11628	0.358	ug/L	99
72) 1,2,3-Trichlorobenzene	13.737	180	7916	0.371	ug/L	95

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

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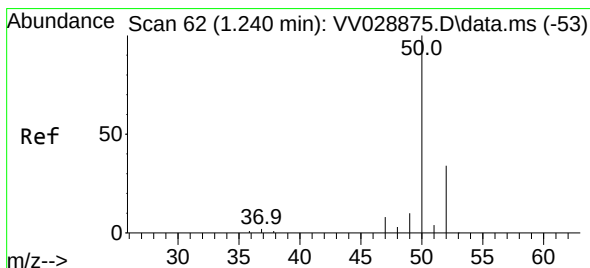
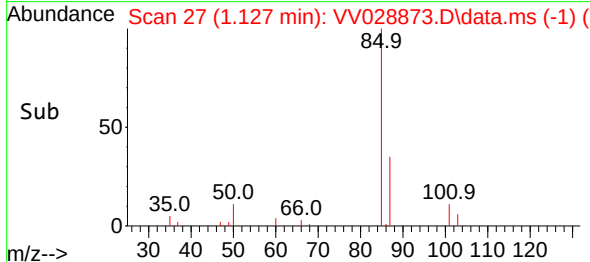
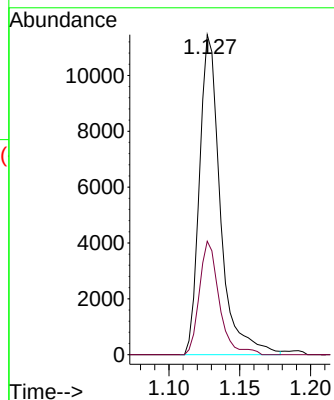
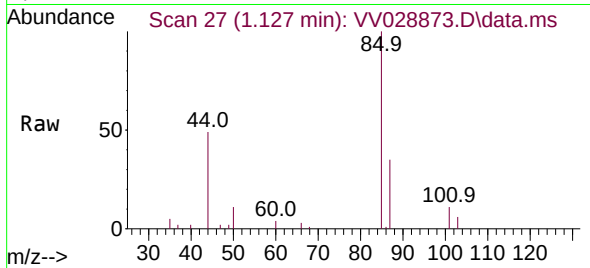




#2
 Dichlorodifluoromethane
 Concen: 0.460 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028873.D
 Acq: 11 Nov 2022 13:30

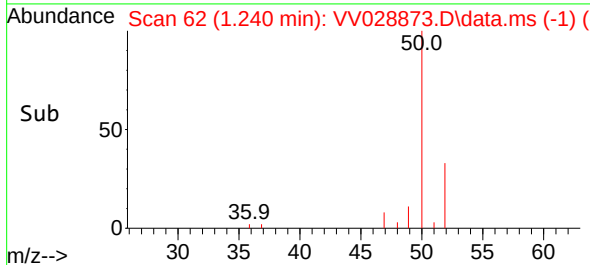
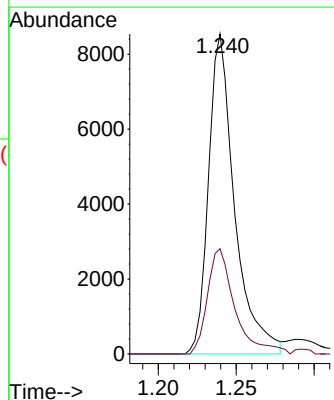
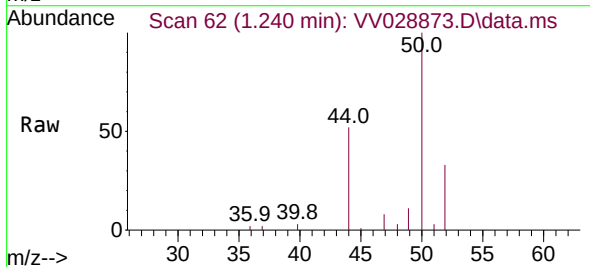
Instrument :
 MSVOA_V
 ClientSampleId :
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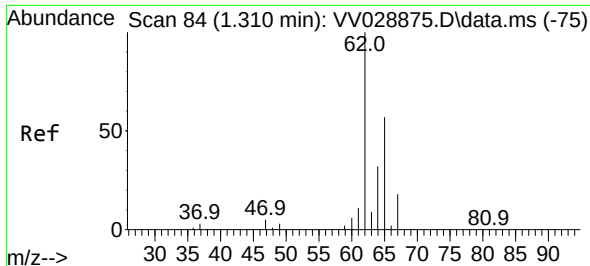
Tgt Ion: 85 Resp: 11759
 Ion Ratio Lower Upper
 85 100
 87 33.6 25.0 37.4



#3
 Chloromethane
 Concen: 0.469 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV028873.D
 Acq: 11 Nov 2022 13:30

Tgt Ion: 50 Resp: 9943
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.7 43.9

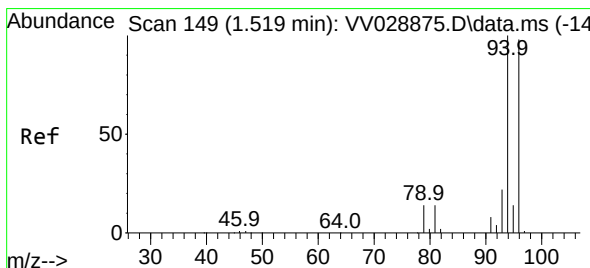
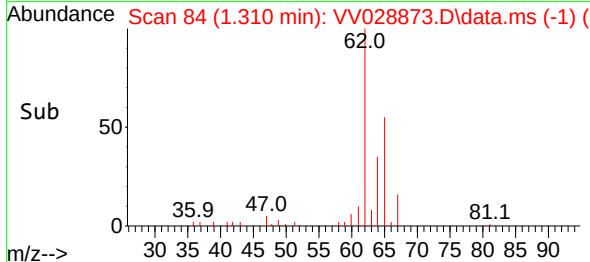
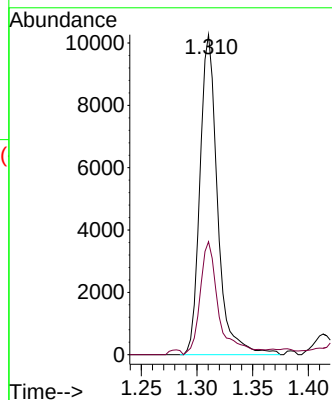
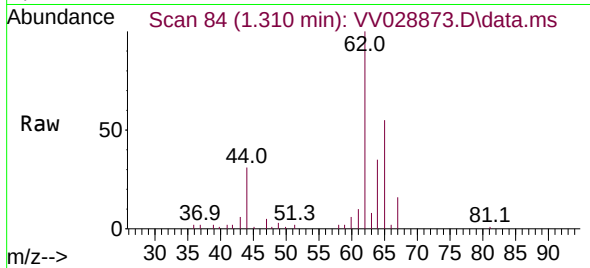




#5
 Vinyl chloride
 Concen: 0.466 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028873.D
 Acq: 11 Nov 2022 13:30

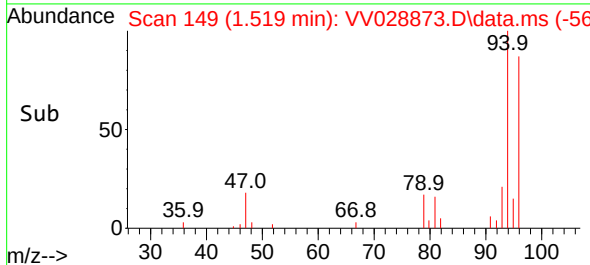
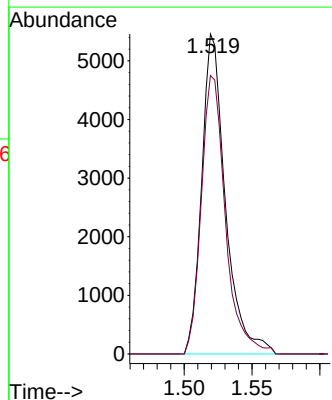
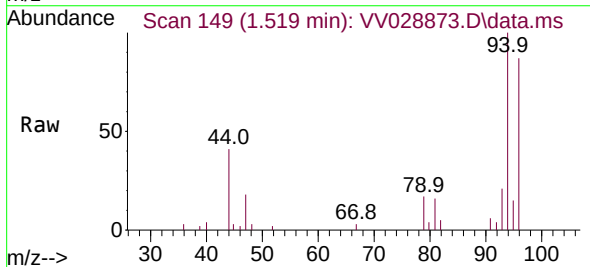
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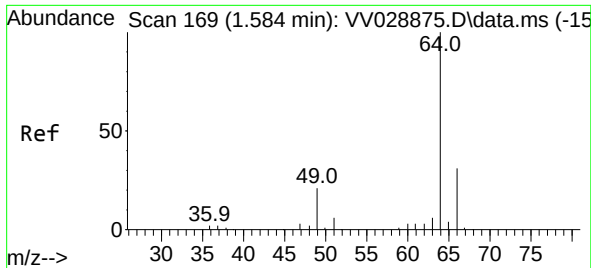
Tgt Ion: 62 Resp: 11276
 Ion Ratio Lower Upper
 62 100
 64 35.3 22.8 42.4



#6
 Bromomethane
 Concen: 0.460 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV028873.D
 Acq: 11 Nov 2022 13:30

Tgt Ion: 94 Resp: 6658
 Ion Ratio Lower Upper
 94 100
 96 87.0 68.5 127.3

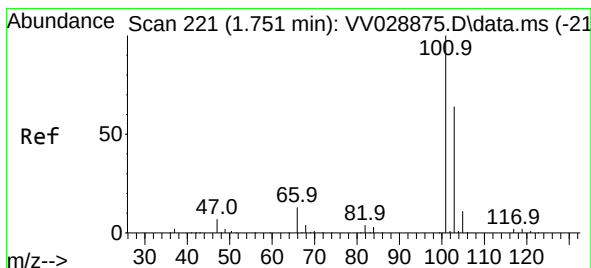
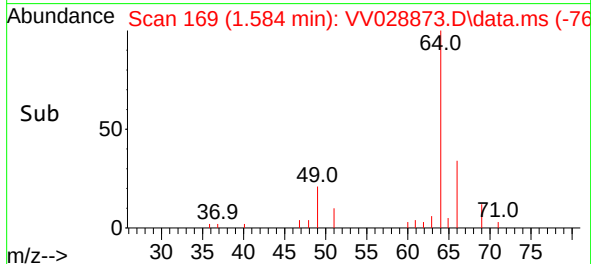
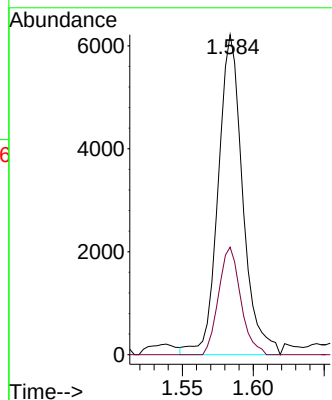
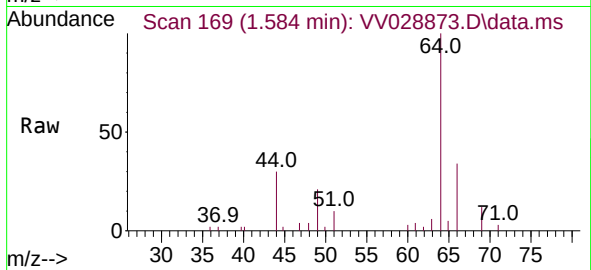




#8
Chloroethane
Concen: 0.527 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

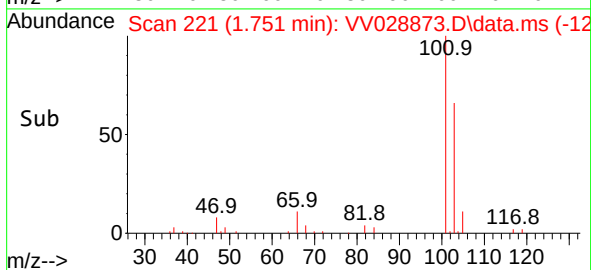
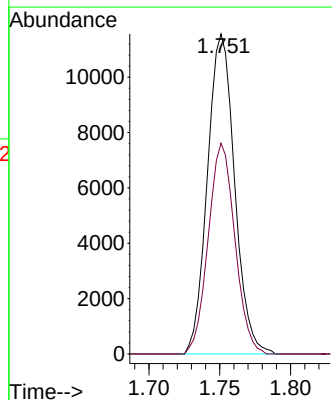
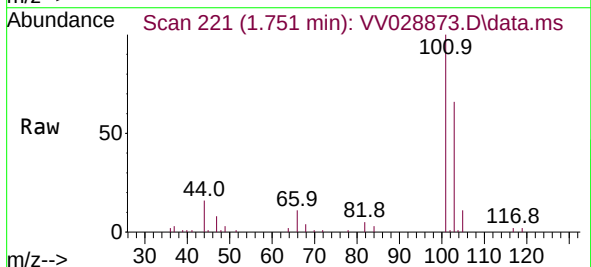
Instrument :
MSVOA_V
ClientSampleId :
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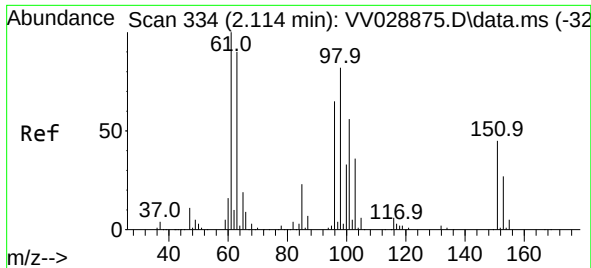
Tgt Ion: 64 Resp: 7494
Ion Ratio Lower Upper
64 100
66 33.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 0.473 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

Tgt Ion:101 Resp: 15443
Ion Ratio Lower Upper
101 100
103 64.5 51.3 76.9

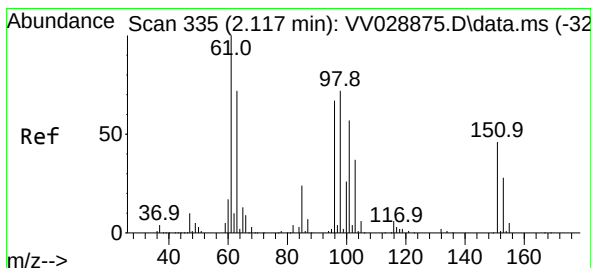
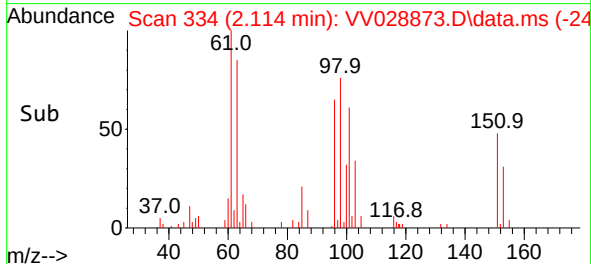
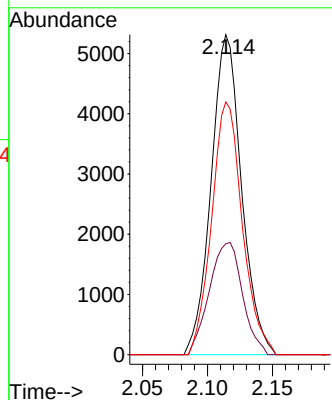
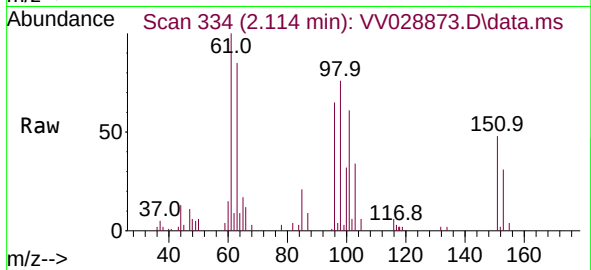




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.469 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV028873.D
 Acq: 11 Nov 2022 13:30

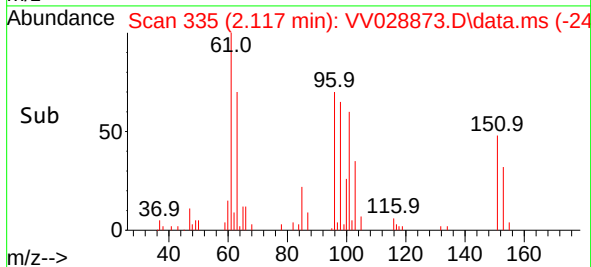
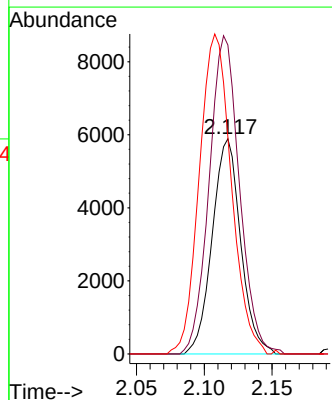
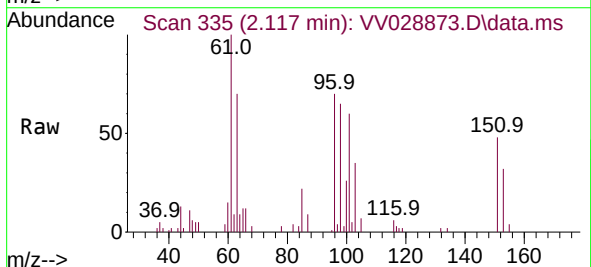
Instrument :
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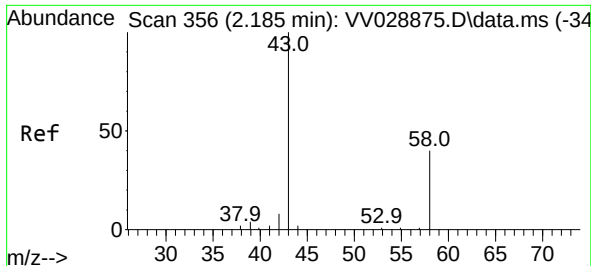
Tgt Ion:101 Resp: 8670
 Ion Ratio Lower Upper
 101 100
 85 38.1 32.9 49.3
 151 79.4 62.5 93.7



#12
 1,1-Dichloroethene
 Concen: 0.462 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV028873.D
 Acq: 11 Nov 2022 13:30

Tgt Ion: 96 Resp: 8585
 Ion Ratio Lower Upper
 96 100
 61 143.6 104.2 193.4
 63 100.8 75.9 140.9





#13

Acetone

Concen: 7.722 ug/L

RT: 2.182 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV028873.D

Acq: 11 Nov 2022 13:30

Instrument :

MSVOA_V

ClientSampleId :

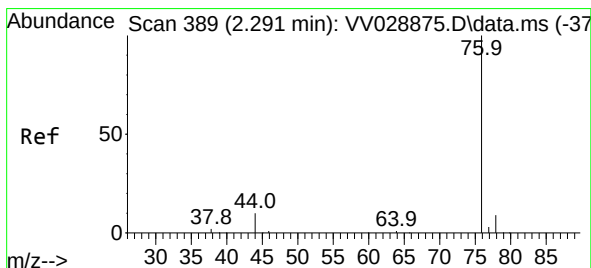
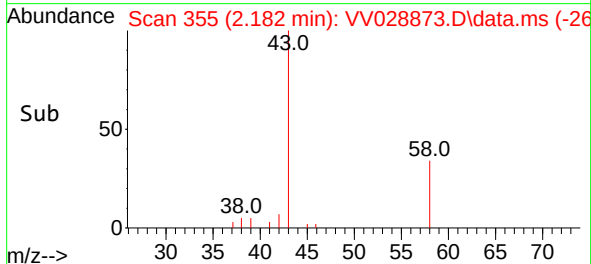
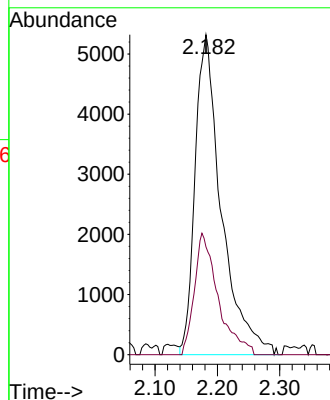
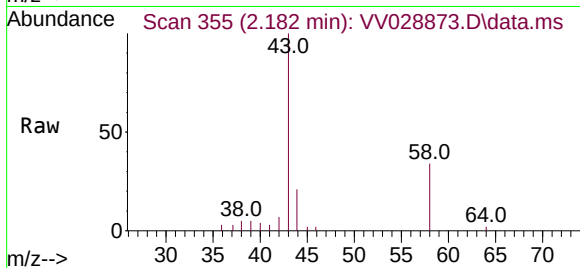
VSTD0.5277

Tgt Ion: 43 Resp: 15545

Ion Ratio Lower Upper

43 100

58 34.3 0.0 56.6



#14

Carbon disulfide

Concen: 0.474 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV028873.D

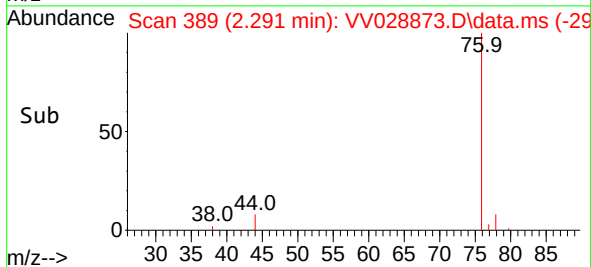
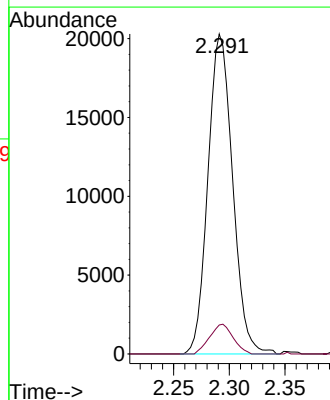
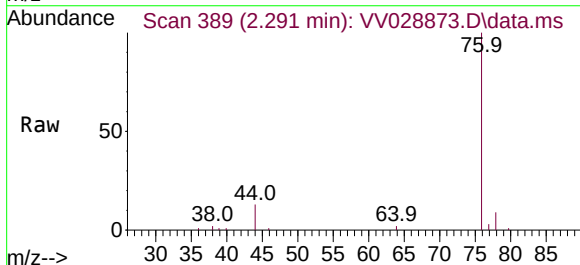
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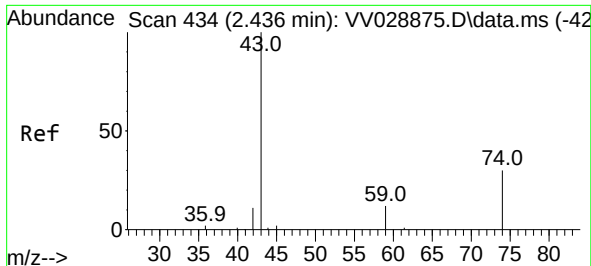
Tgt Ion: 76 Resp: 31218

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

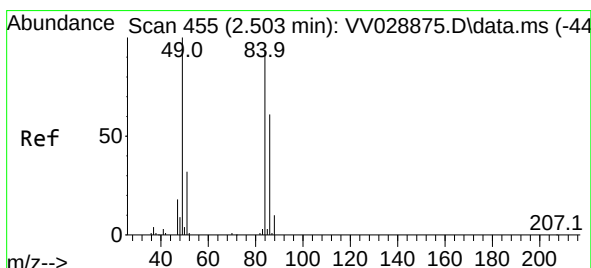
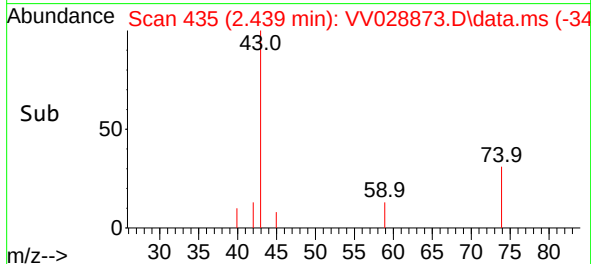
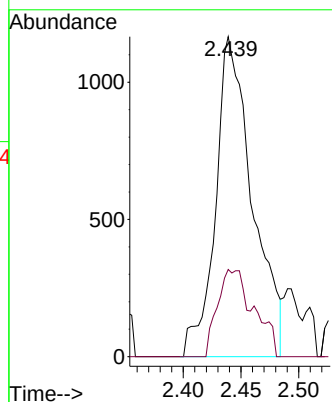
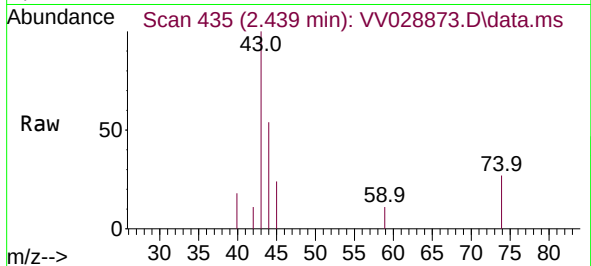




#15
Methyl Acetate
Concen: 0.529 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

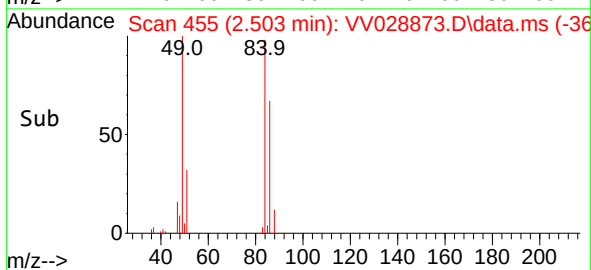
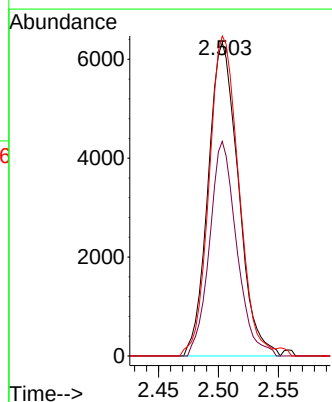
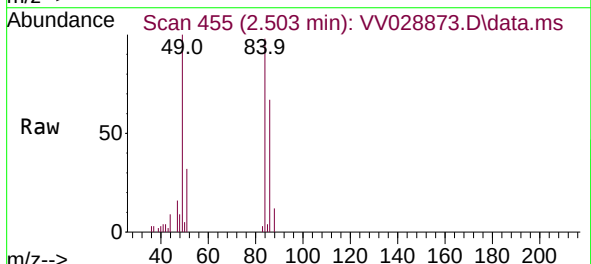
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ClientSampleId :
VSTD0.5277

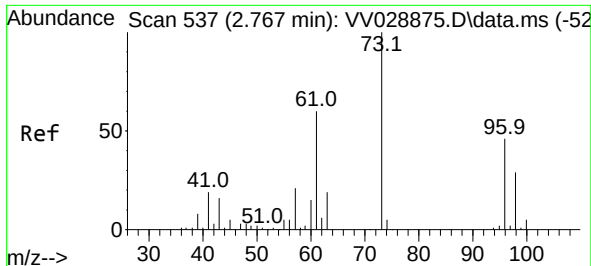
Tgt Ion: 43 Resp: 2586
Ion Ratio Lower Upper
43 100
74 26.8 24.6 37.0



#16
Methylene chloride
Concen: 0.463 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

Tgt Ion: 84 Resp: 11114
Ion Ratio Lower Upper
84 100
86 68.5 45.8 85.0
49 102.1 75.5 140.1

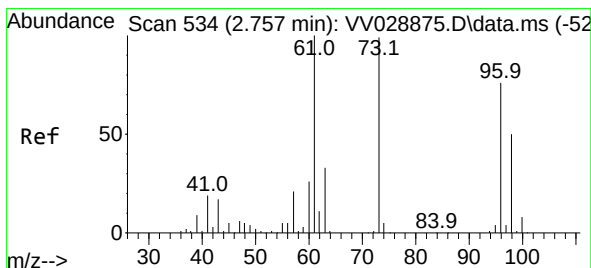
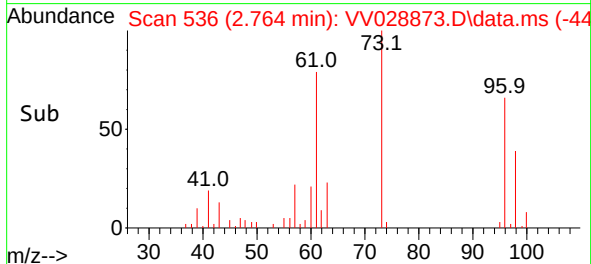
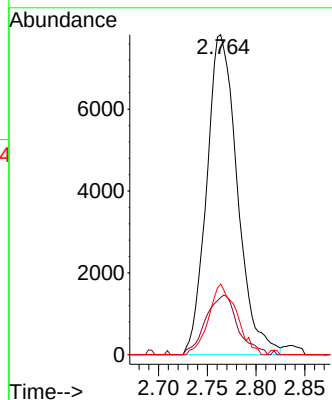
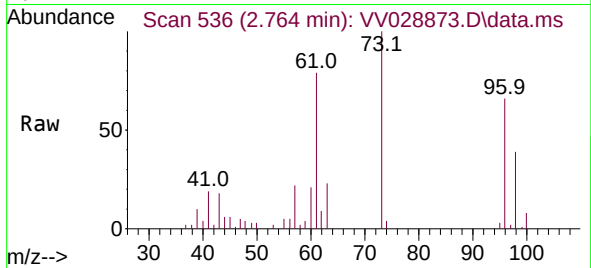




#17
Methyl tert-butyl Ether
Concen: 0.429 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

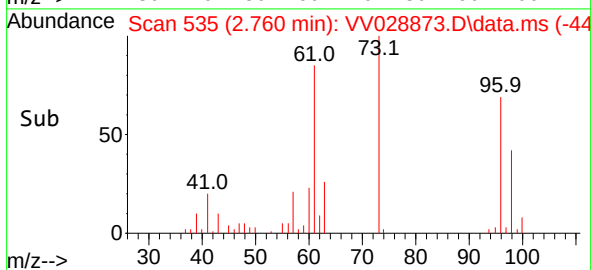
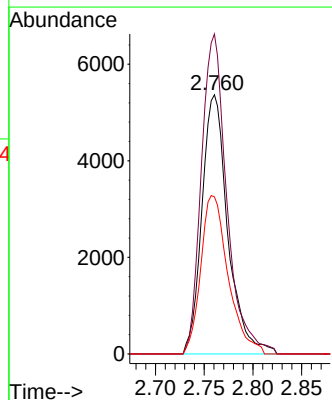
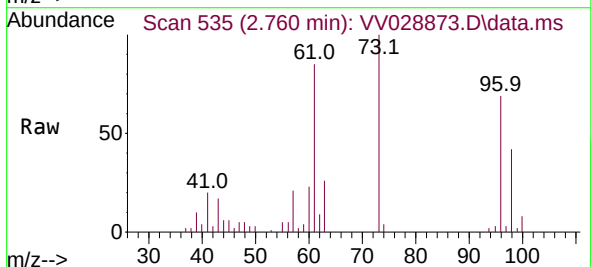
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5277

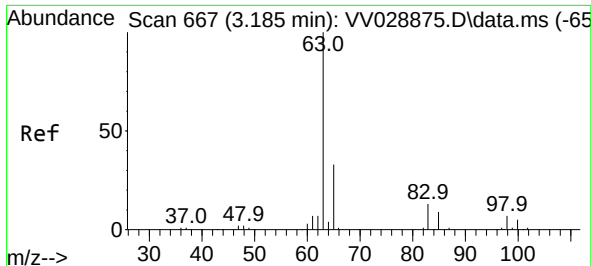
Tgt Ion: 73 Resp: 17084
Ion Ratio Lower Upper
73 100
43 19.5 13.0 19.4#
57 20.1 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 0.462 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

Tgt Ion: 96 Resp: 9939
Ion Ratio Lower Upper
96 100
61 123.5 91.8 170.6
98 60.6 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.448 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV028873.D

Acq: 11 Nov 2022 13:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5277

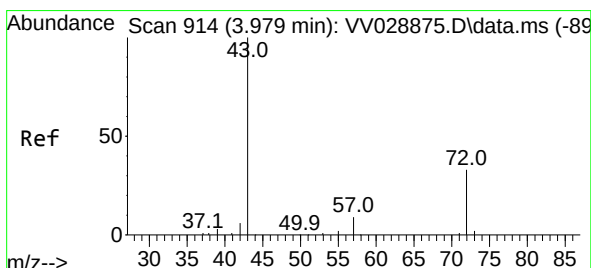
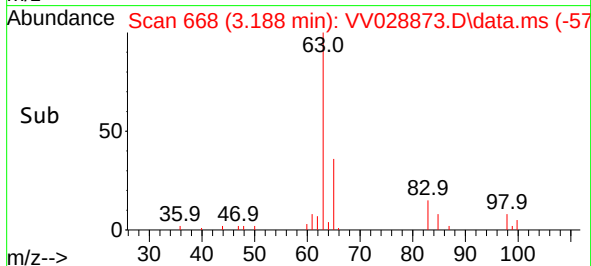
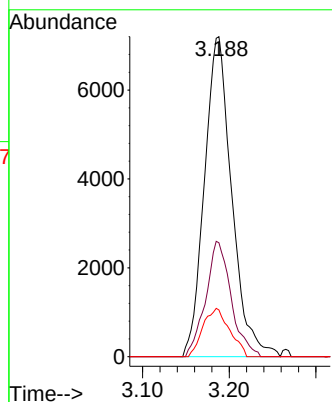
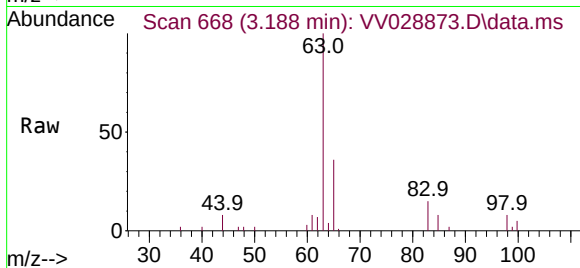
Tgt Ion: 63 Resp: 15776

Ion Ratio Lower Upper

63 100

65 35.6 23.0 42.6

83 14.6 9.4 17.6



#21

2-Butanone

Concen: 2.598 ug/L

RT: 4.005 min Scan# 922

Delta R.T. 0.026 min

Lab File: VV028873.D

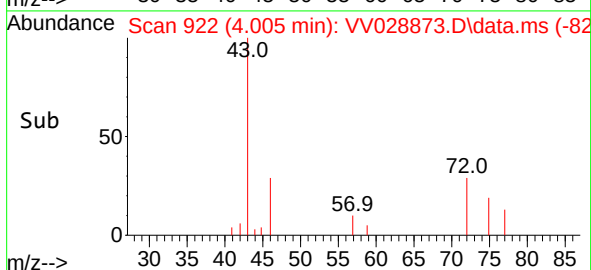
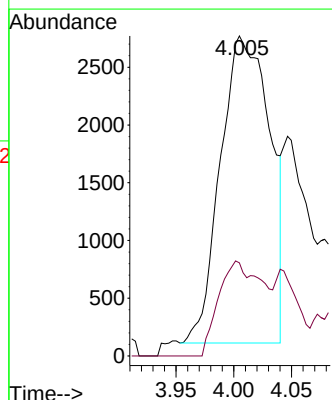
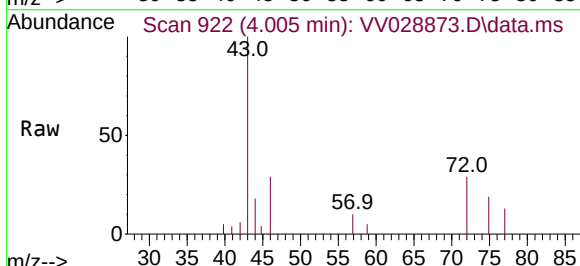
Acq: 11 Nov 2022 13:30

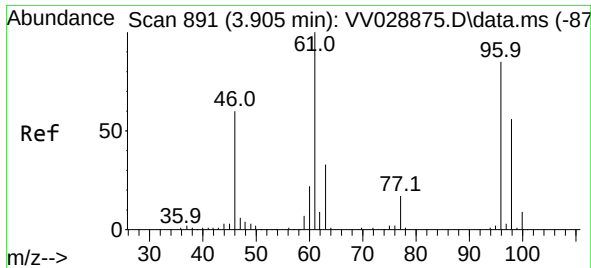
Tgt Ion: 43 Resp: 7925

Ion Ratio Lower Upper

43 100

72 27.9 11.9 35.9

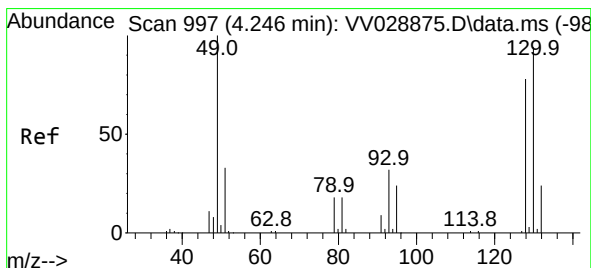
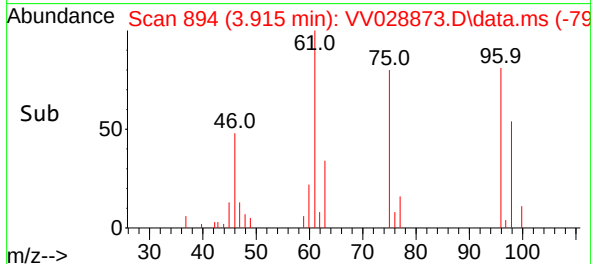
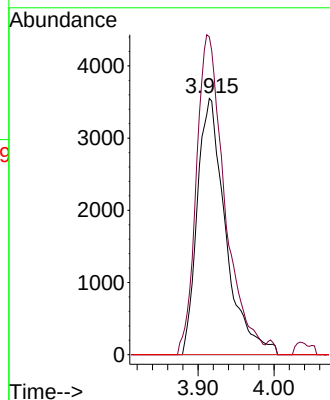
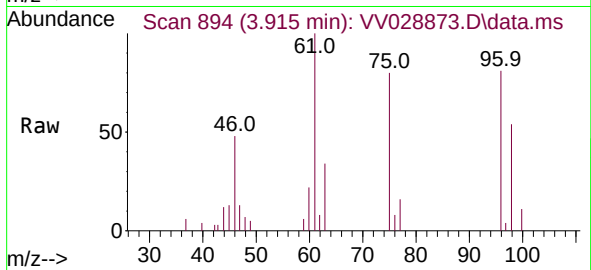




#22
 cis-1,2-Dichloroethene
 Concen: 0.421 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.010 min
 Lab File: VV028873.D
 Acq: 11 Nov 2022 13:30

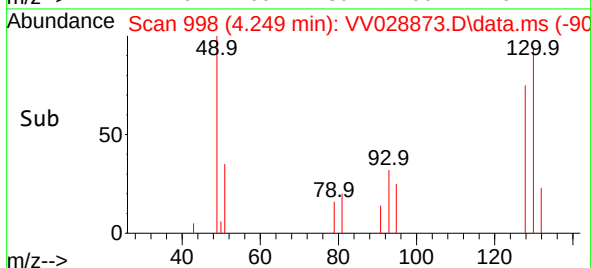
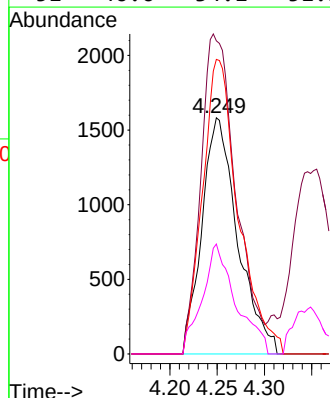
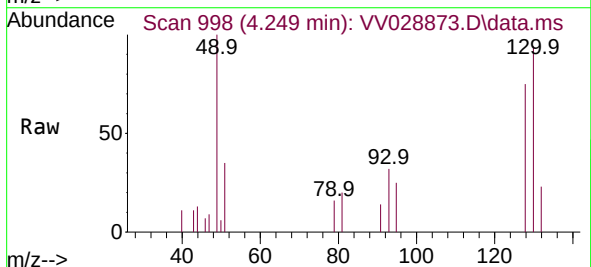
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5277

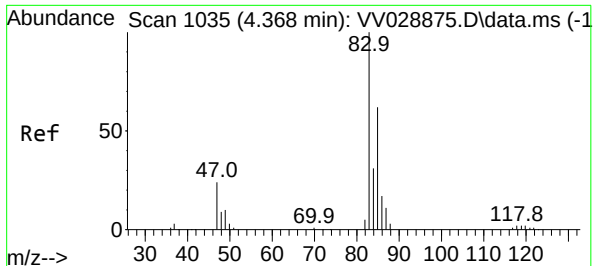
Tgt Ion: 96 Resp: 9207
 Ion Ratio Lower Upper
 96 100
 61 123.9 82.3 152.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 0.450 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.003 min
 Lab File: VV028873.D
 Acq: 11 Nov 2022 13:30

Tgt Ion: 128 Resp: 4165
 Ion Ratio Lower Upper
 128 100
 49 132.6 89.5 166.1
 130 124.8 84.4 156.8
 51 46.6 34.1 51.1





#25

Chloroform

Concen: 0.436 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VV028873.D

Acq: 11 Nov 2022 13:30

Instrument :

MSVOA_V

ClientSampleId :

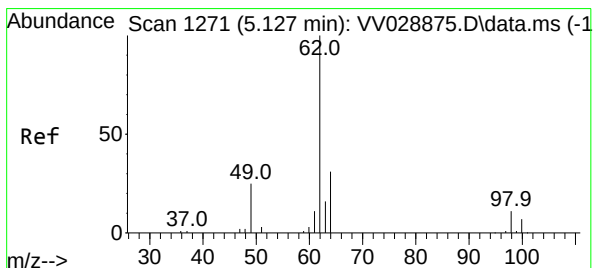
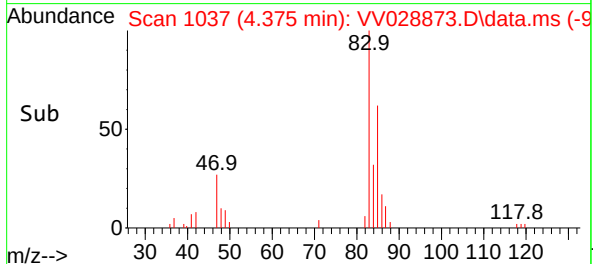
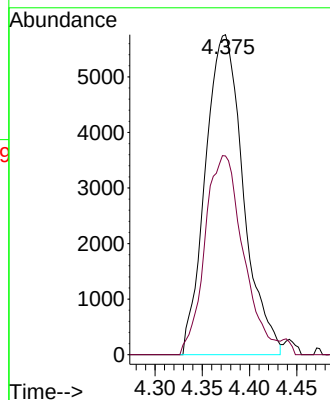
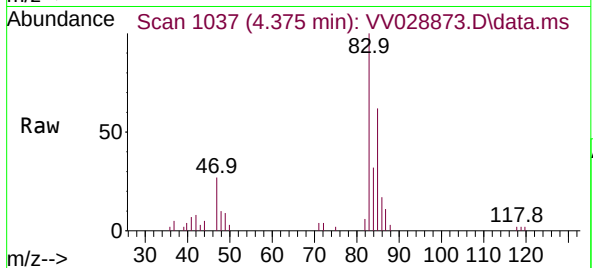
VSTD0.5277

Tgt Ion: 83 Resp: 16087

Ion Ratio Lower Upper

83 100

85 62.1 43.7 81.1



#27

1,2-Dichloroethane

Concen: 0.444 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.013 min

Lab File: VV028873.D

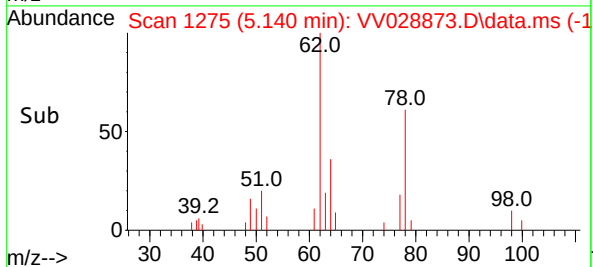
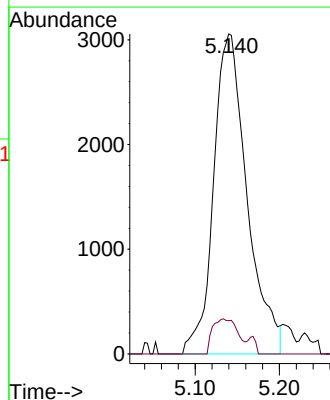
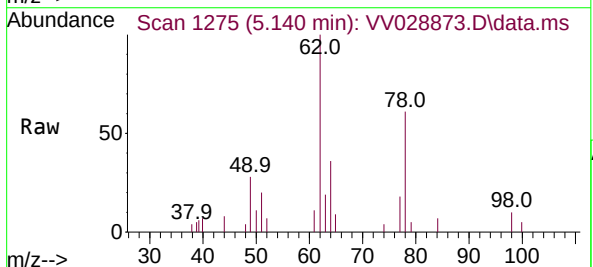
Acq: 11 Nov 2022 13:30

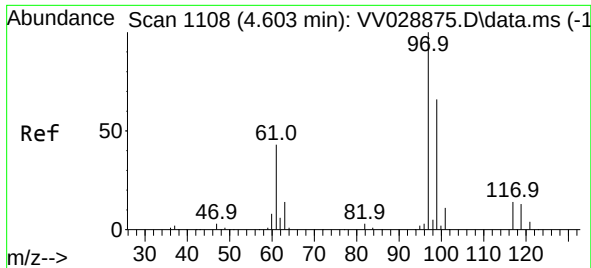
Tgt Ion: 62 Resp: 8430

Ion Ratio Lower Upper

62 100

98 10.4 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 0.435 ug/L

RT: 4.600 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV028873.D

Acq: 11 Nov 2022 13:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5277

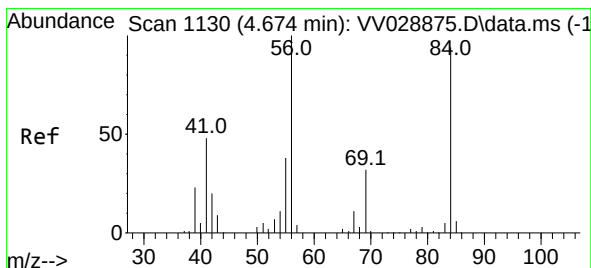
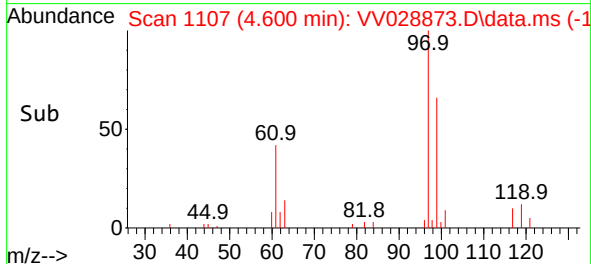
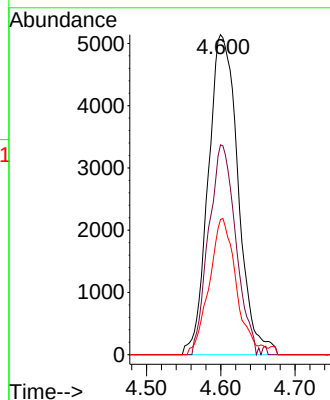
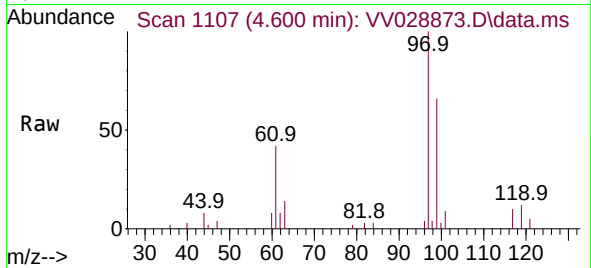
Tgt Ion: 97 Resp: 14341

Ion Ratio Lower Upper

97 100

99 59.7 52.7 79.1

61 39.0 33.8 50.6



#30

Cyclohexane

Concen: 0.409 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VV028873.D

Acq: 11 Nov 2022 13:30

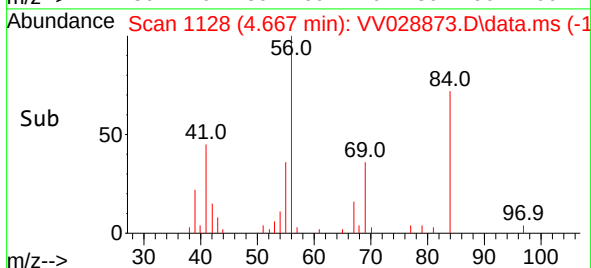
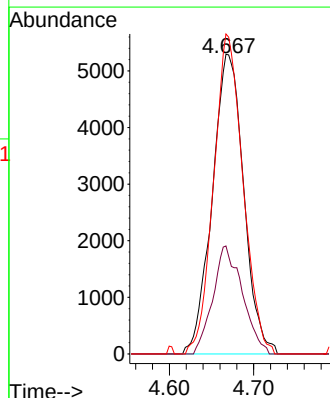
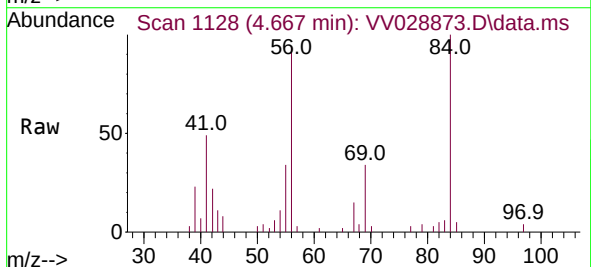
Tgt Ion: 56 Resp: 13710

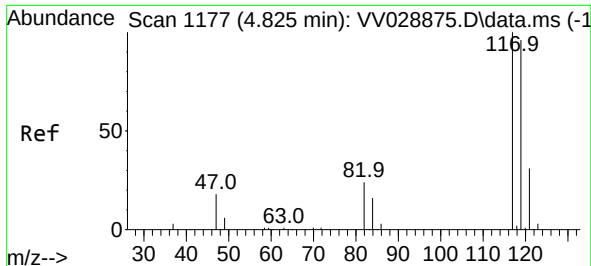
Ion Ratio Lower Upper

56 100

69 33.8 26.1 39.1

84 99.5 77.9 116.9

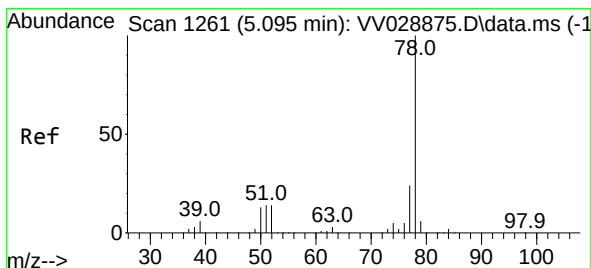
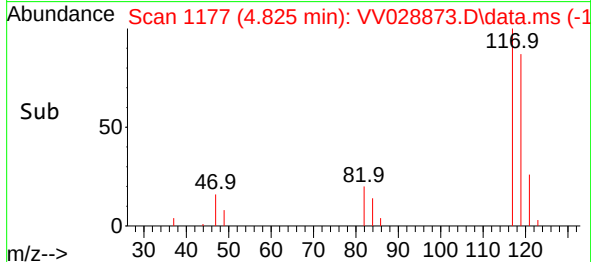
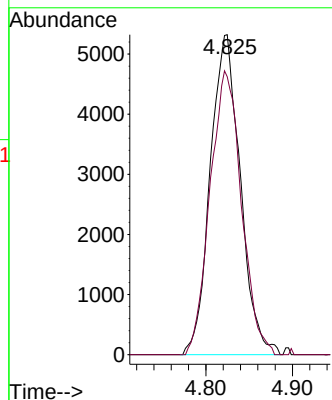
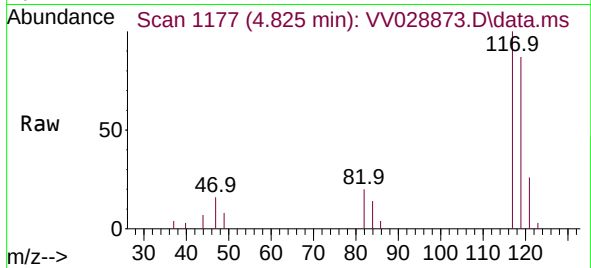




#31
Carbon tetrachloride
Concen: 0.453 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

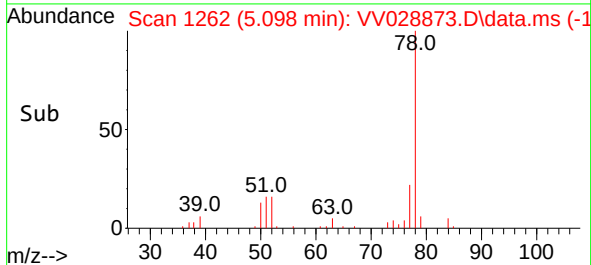
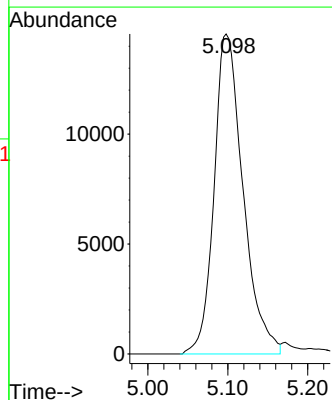
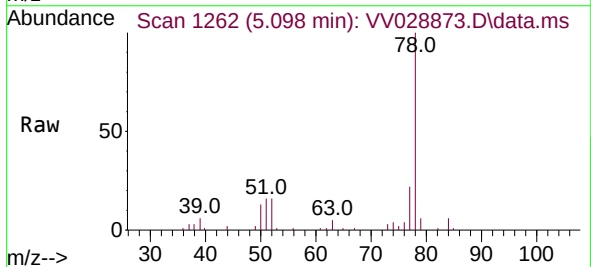
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5277

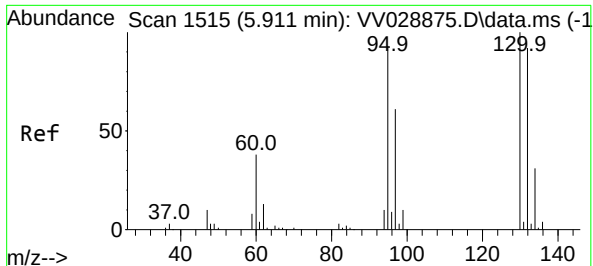
Tgt Ion:117 Resp: 12848
Ion Ratio Lower Upper
117 100
119 92.6 77.0 115.6



#33
Benzene
Concen: 0.427 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

Tgt Ion: 78 Resp: 36593



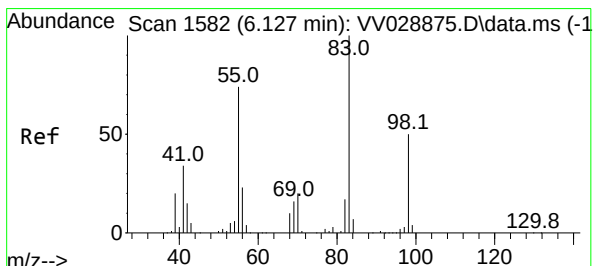
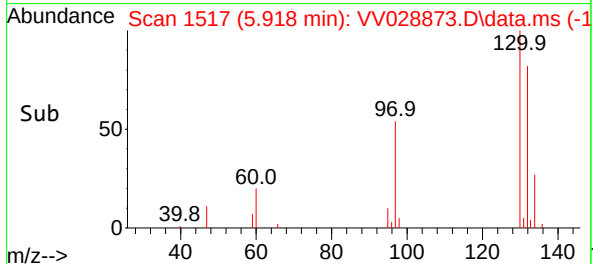
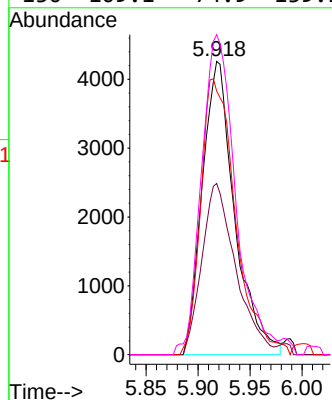
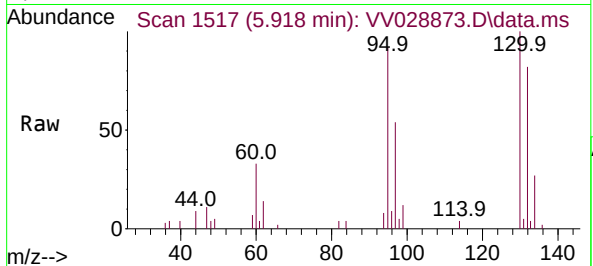


#34
Trichloroethene
Concen: 0.419 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5277

Tgt Ion: 95 Resp: 9204

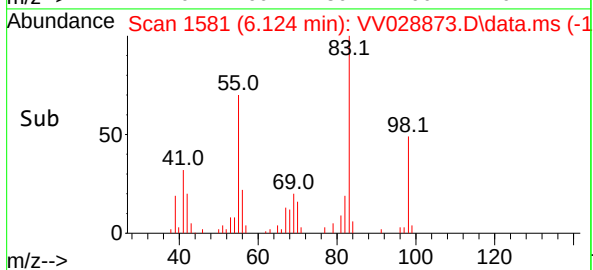
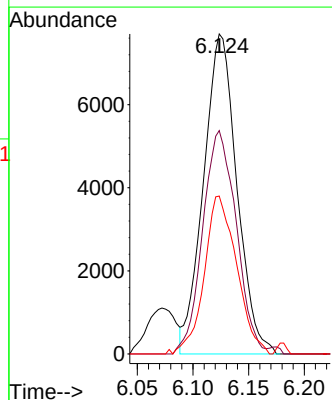
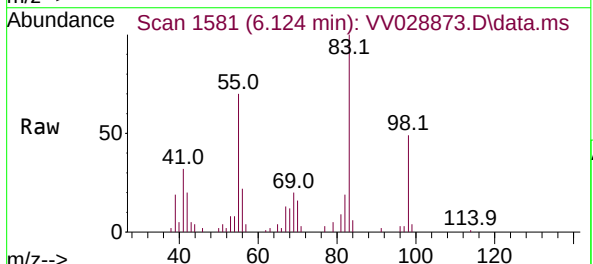
Ion	Ratio	Lower	Upper
95	100		
97	58.4	45.6	84.8
132	89.9	69.1	128.3
130	109.1	74.9	139.1

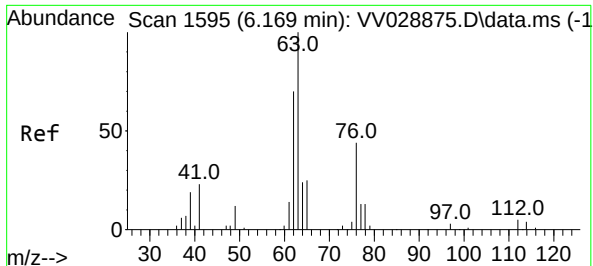


#35
Methylcyclohexane
Concen: 0.416 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

Tgt Ion: 83 Resp: 16053

Ion	Ratio	Lower	Upper
83	100		
55	70.1	55.8	83.6
98	48.0	38.2	57.2





#37

1,2-Dichloropropane

Concen: 0.432 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV028873.D

Acq: 11 Nov 2022 13:30

Instrument :

MSVOA_V

ClientSampleId :

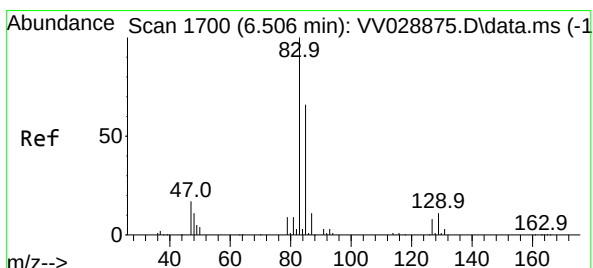
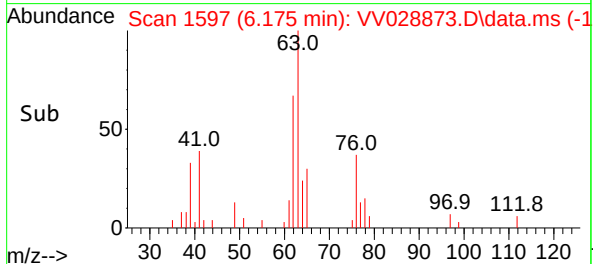
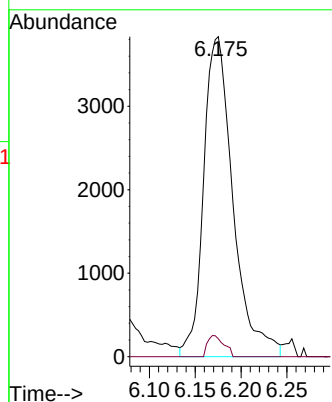
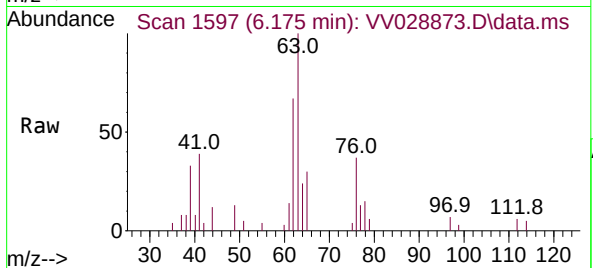
VSTD0.5277

Tgt Ion: 63 Resp: 8553

Ion Ratio Lower Upper

63 100

112 3.7 4.0 6.0#



#38

Bromodichloromethane

Concen: 0.423 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV028873.D

Acq: 11 Nov 2022 13:30

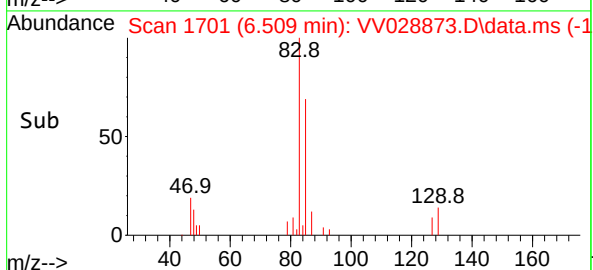
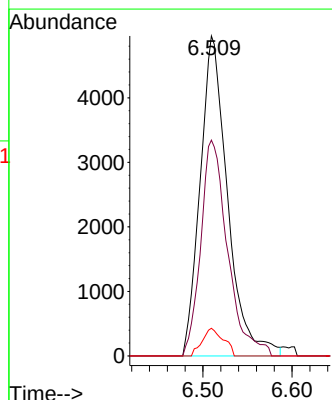
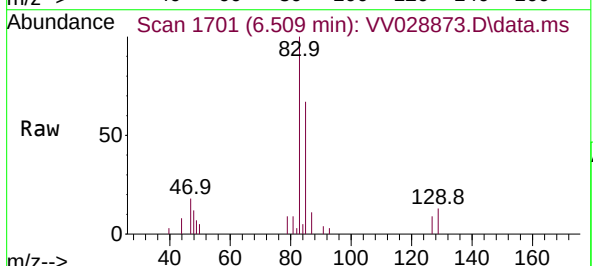
Tgt Ion: 83 Resp: 10594

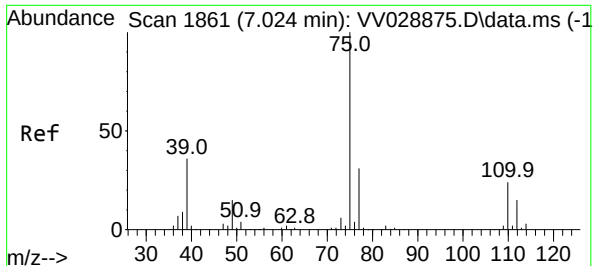
Ion Ratio Lower Upper

83 100

85 67.5 46.1 85.5

127 8.7 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 0.389 ug/L

RT: 7.034 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV028873.D

Acq: 11 Nov 2022 13:30

Instrument :

MSVOA_V

ClientSampleId :

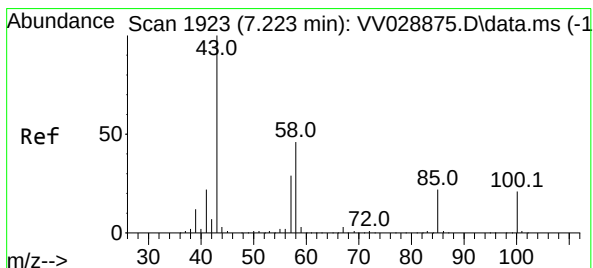
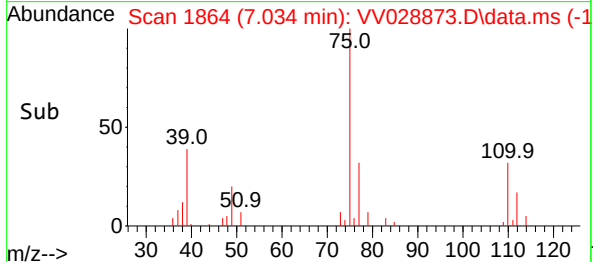
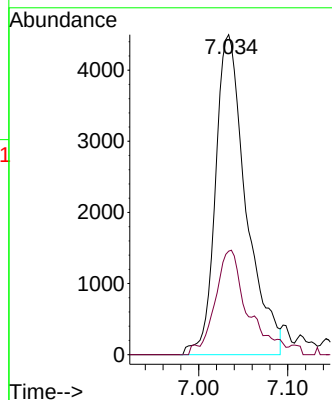
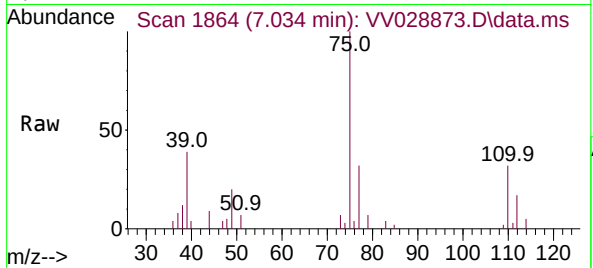
VSTD0.5277

Tgt Ion: 75 Resp: 10743

Ion Ratio Lower Upper

75 100

77 32.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 3.994 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VV028873.D

Acq: 11 Nov 2022 13:30

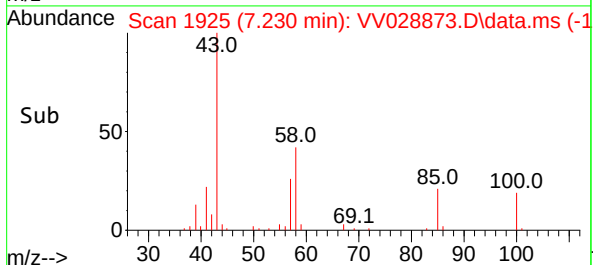
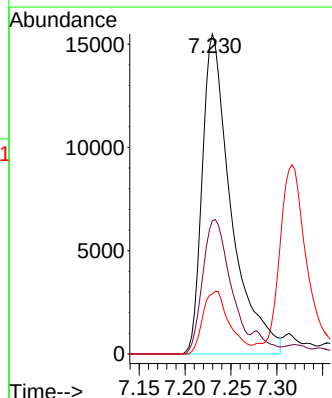
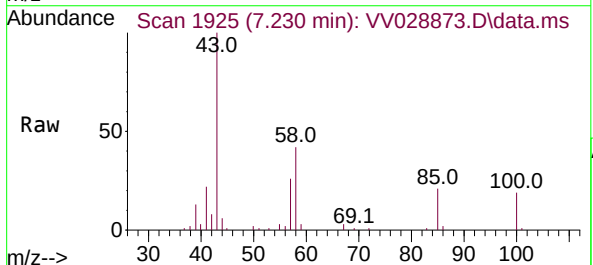
Tgt Ion: 43 Resp: 33936

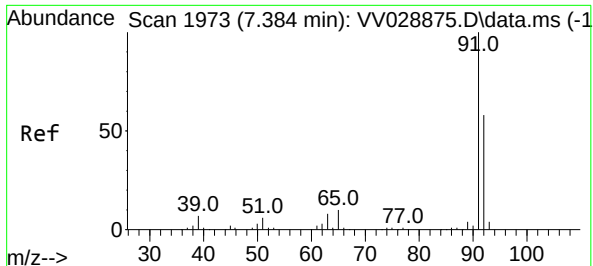
Ion Ratio Lower Upper

43 100

58 40.6 36.6 55.0

100 18.1 14.5 21.7





#42

Toluene

Concen: 0.490 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV028873.D

Acq: 11 Nov 2022 13:30

Instrument :

MSVOA_V

ClientSampleId :

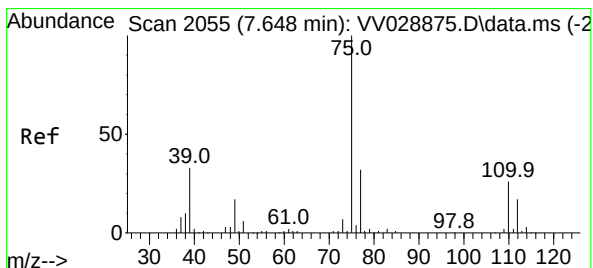
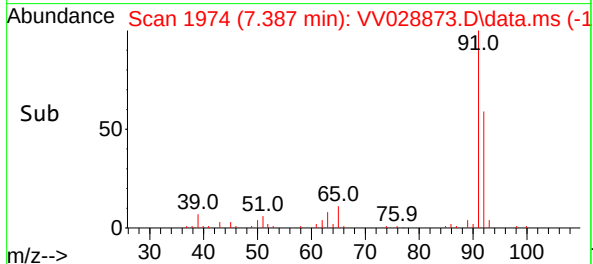
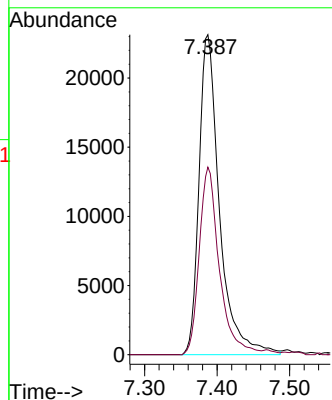
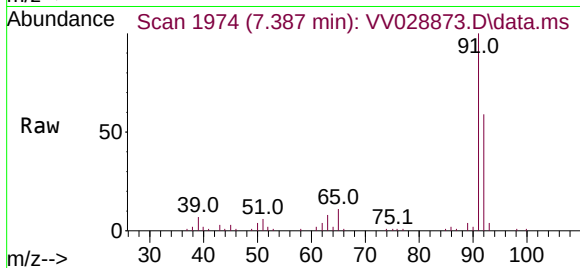
VSTD0.5277

Tgt Ion: 91 Resp: 45394

Ion Ratio Lower Upper

91 100

92 58.6 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 0.405 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. 0.010 min

Lab File: VV028873.D

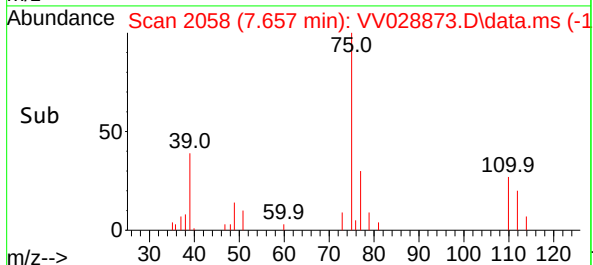
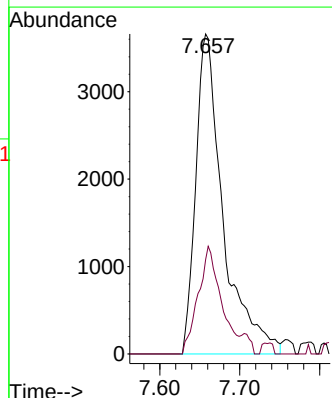
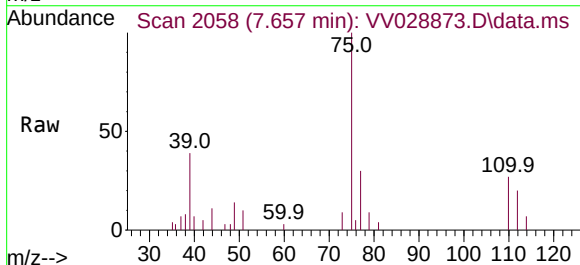
Acq: 11 Nov 2022 13:30

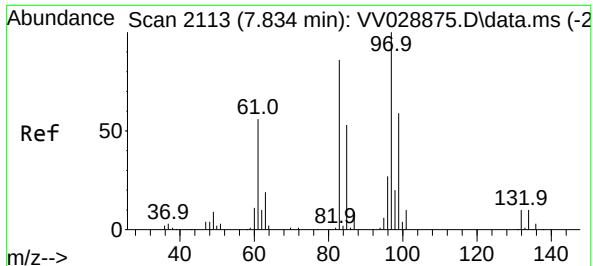
Tgt Ion: 75 Resp: 8687

Ion Ratio Lower Upper

75 100

77 29.5 22.2 41.2

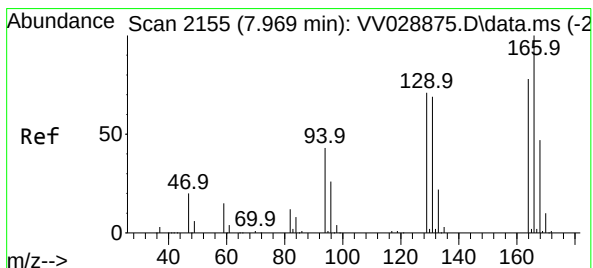
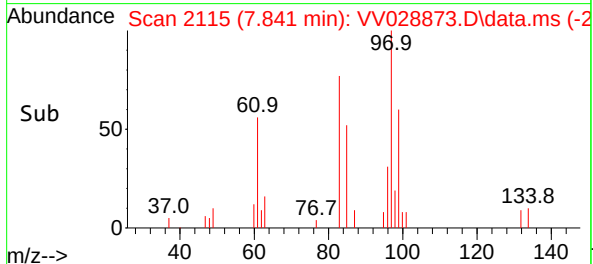
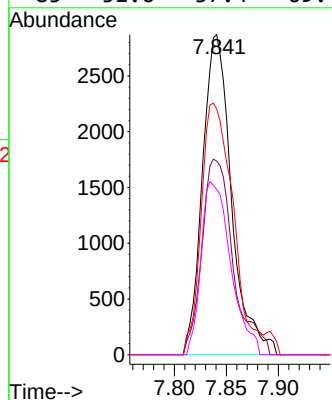
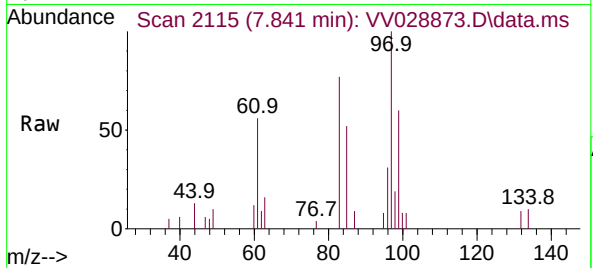




#45
1,1,2-Trichloroethane
Concen: 0.431 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.006 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

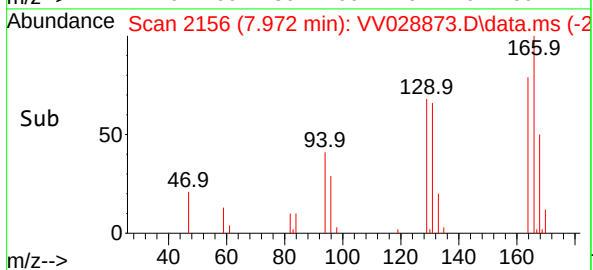
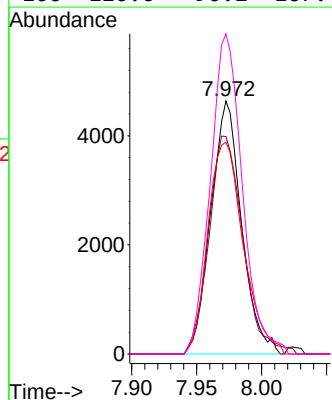
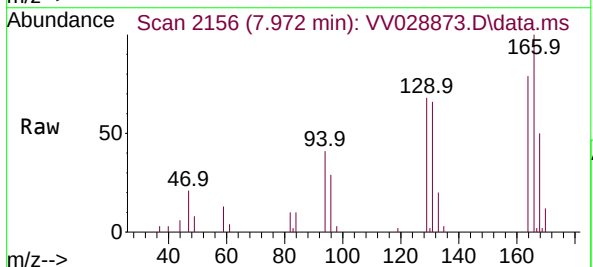
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5277

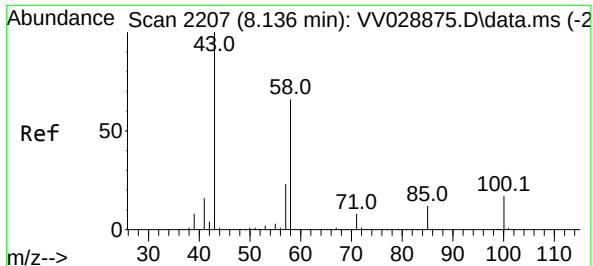
Tgt Ion:	97	Resp:	5576
Ion	Ratio	Lower	Upper
97	100		
99	60.5	41.5	77.1
83	76.8	60.0	111.4
85	51.6	37.4	69.4



#47
Tetrachloroethene
Concen: 0.434 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

Tgt Ion:	164	Resp:	7639
Ion	Ratio	Lower	Upper
164	100		
129	86.0	63.9	118.7
131	83.8	61.8	114.8
166	126.6	90.2	167.4

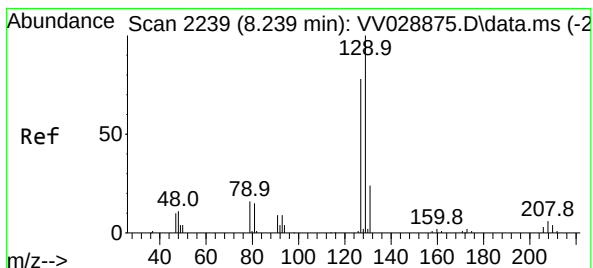
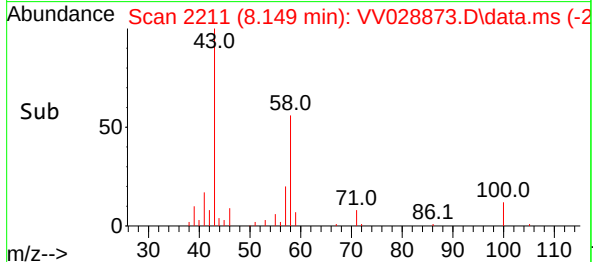
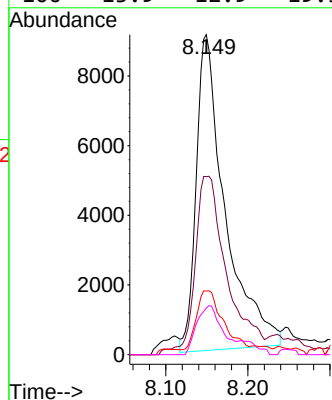
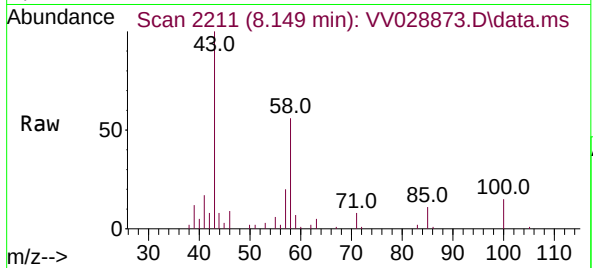




#48
2-Hexanone
Concen: 3.757 ug/L
RT: 8.149 min Scan# 2111
Delta R.T. 0.013 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

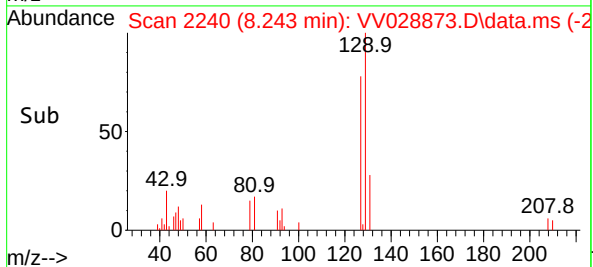
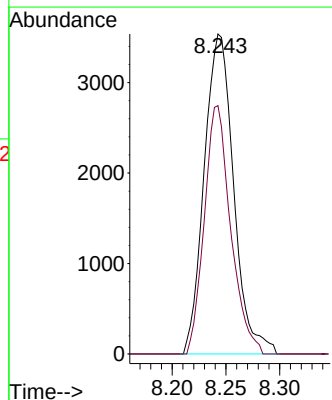
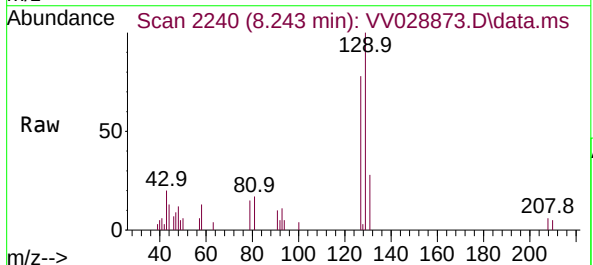
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5277

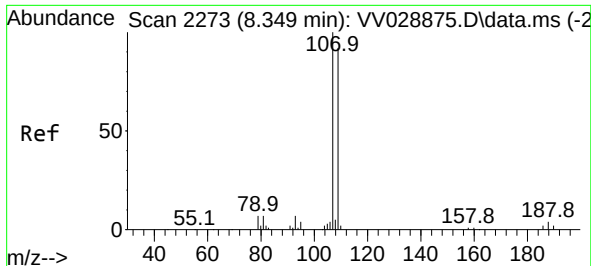
Tgt Ion:	43	Resp:	22250
Ion	Ratio	Lower	Upper
43	100		
58	62.1	50.2	75.4
57	17.7	17.8	26.8
100	13.9	12.9	19.3



#49
Dibromochloromethane
Concen: 0.430 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

Tgt Ion:	129	Resp:	6736
Ion	Ratio	Lower	Upper
129	100		
127	77.6	54.5	101.1





#50

1,2-Dibromoethane

Concen: 0.422 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV028873.D

Acq: 11 Nov 2022 13:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5277

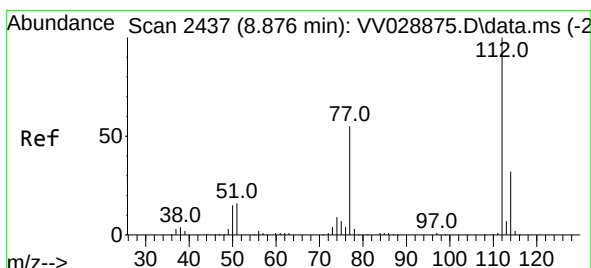
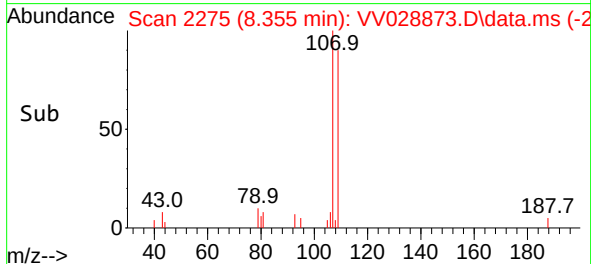
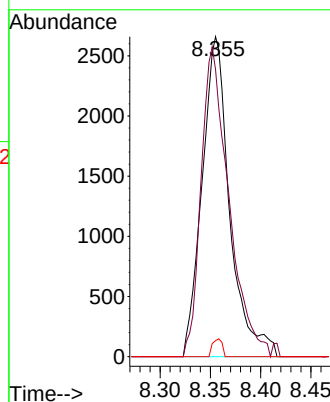
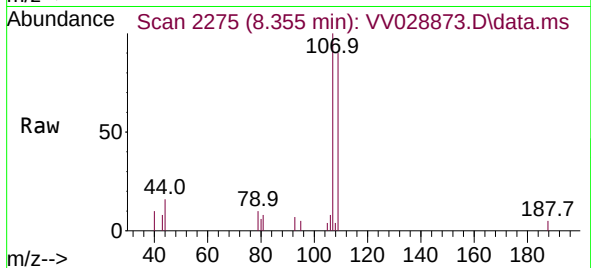
Tgt Ion:107 Resp: 5079

Ion Ratio Lower Upper

107 100

109 89.7 64.4 119.6

188 5.0 2.9 4.3#



#51

Chlorobenzene

Concen: 0.445 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV028873.D

Acq: 11 Nov 2022 13:30

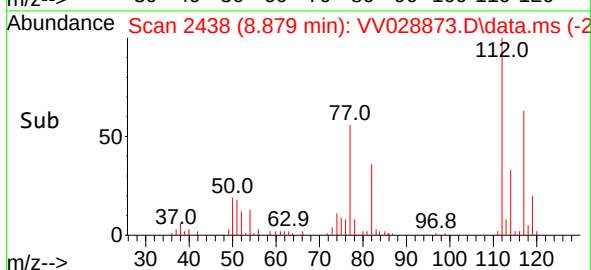
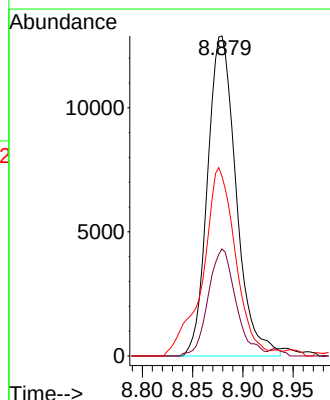
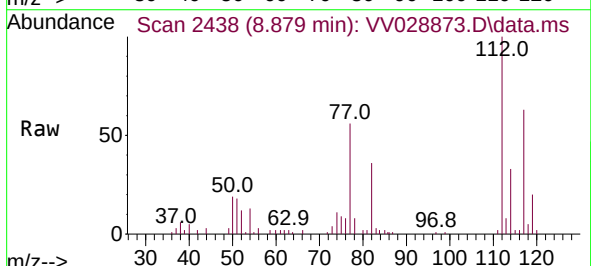
Tgt Ion:112 Resp: 25511

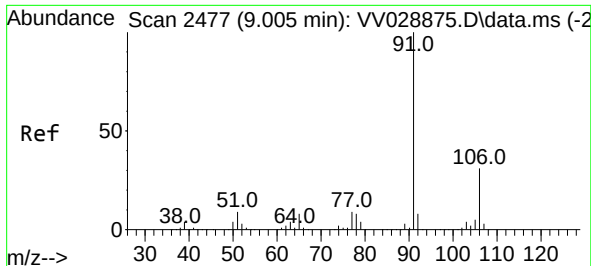
Ion Ratio Lower Upper

112 100

114 33.5 22.4 41.6

77 56.1 44.4 66.6

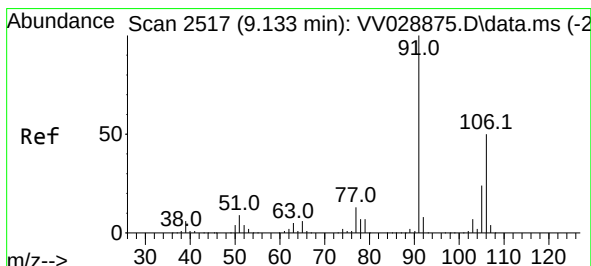
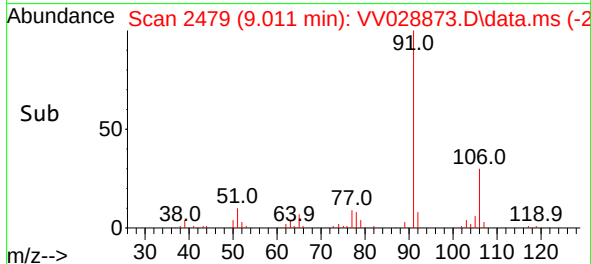
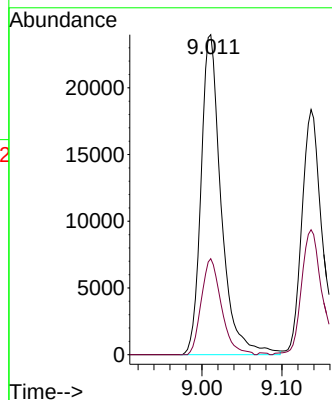
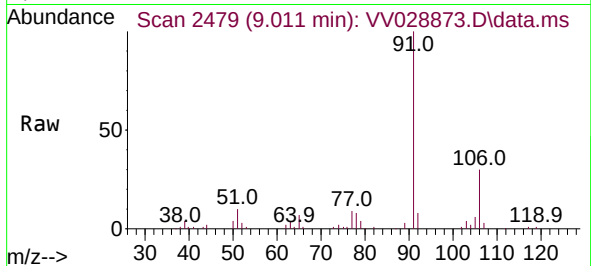




#52
Ethylbenzene
Concen: 0.436 ug/L
RT: 9.011 min Scan# 2477
Delta R.T. 0.006 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

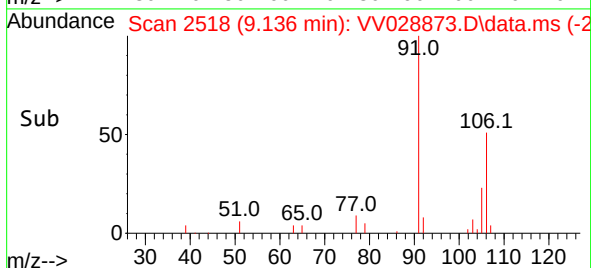
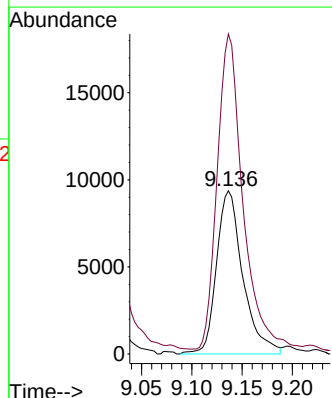
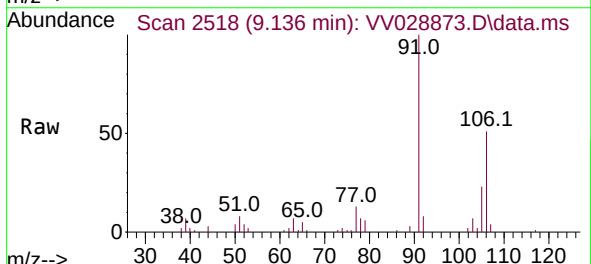
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5277

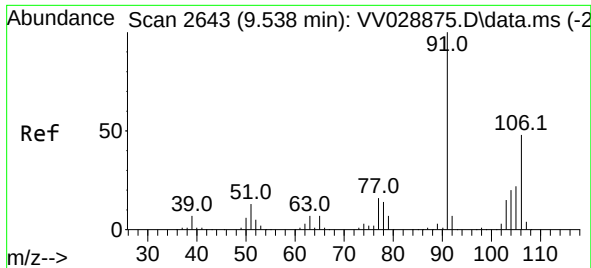
Tgt Ion: 91 Resp: 42110
Ion Ratio Lower Upper
91 100
106 30.0 21.6 40.2



#53
m,p-Xylene
Concen: 0.445 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

Tgt Ion: 106 Resp: 17091
Ion Ratio Lower Upper
106 100
91 196.1 139.1 258.3

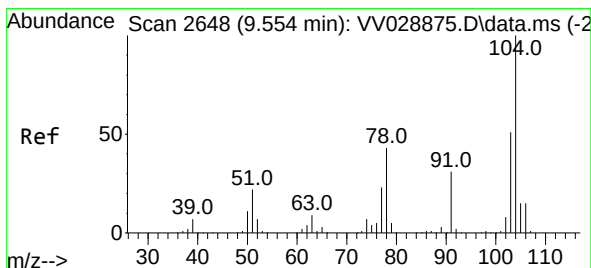
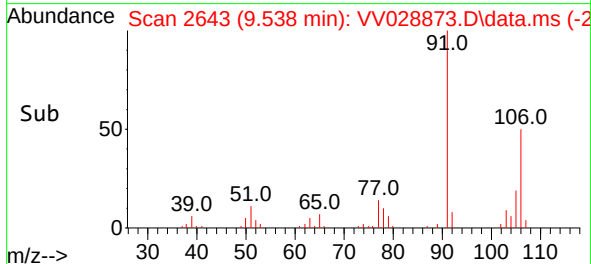
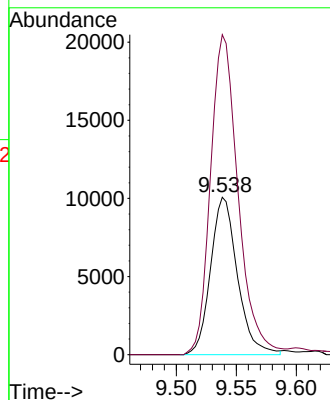
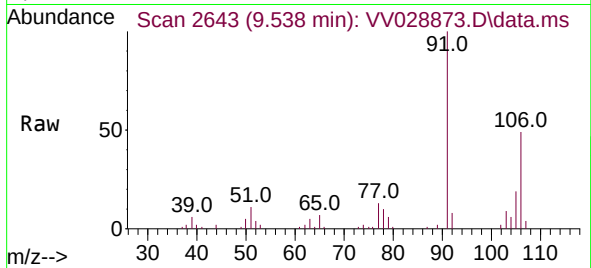




#54
o-Xylene
Concen: 0.431 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.000 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

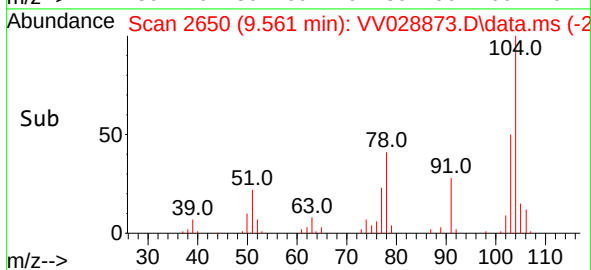
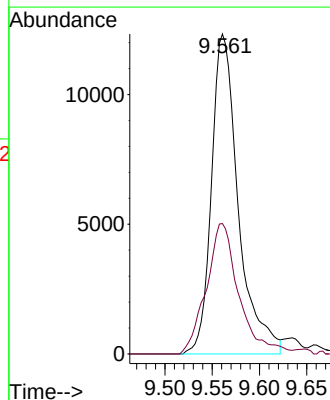
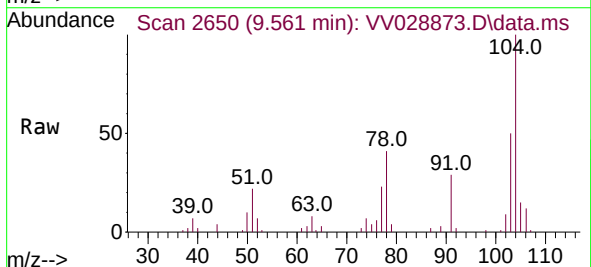
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5277

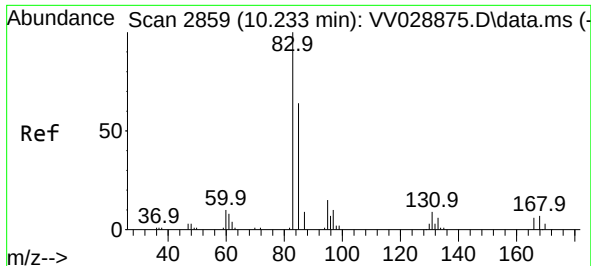
Tgt Ion:106 Resp: 15708
Ion Ratio Lower Upper
106 100
91 203.2 145.7 270.7



#55
Styrene
Concen: 0.398 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.006 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

Tgt Ion:104 Resp: 24338
Ion Ratio Lower Upper
104 100
78 40.8 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 0.449 ug/L

RT: 10.236 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV028873.D

Acq: 11 Nov 2022 13:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5277

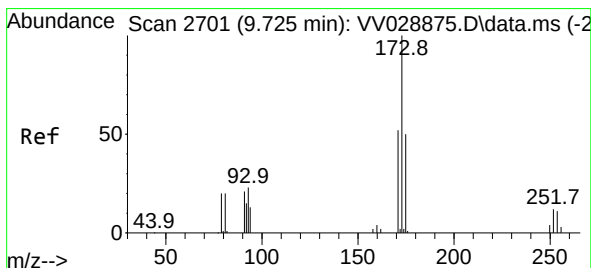
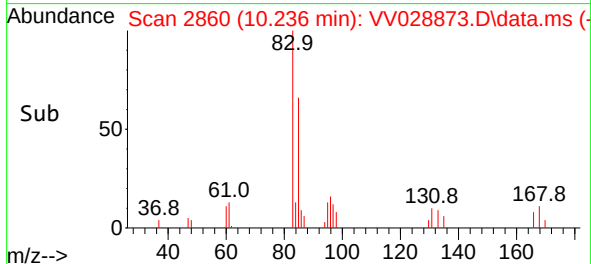
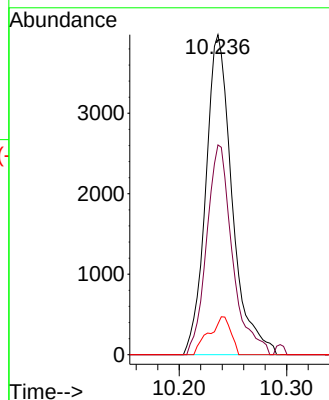
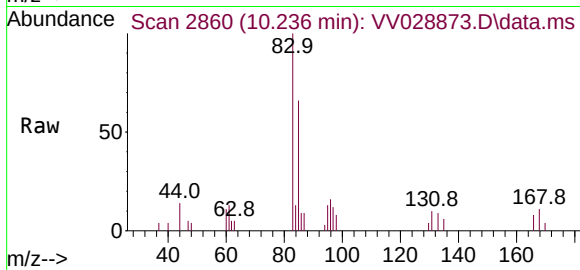
Tgt Ion: 83 Resp: 6772

Ion Ratio Lower Upper

83 100

85 65.6 45.2 84.0

131 9.6 7.5 11.3



#59

Bromoform

Concen: 0.418 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. 0.003 min

Lab File: VV028873.D

Acq: 11 Nov 2022 13:30

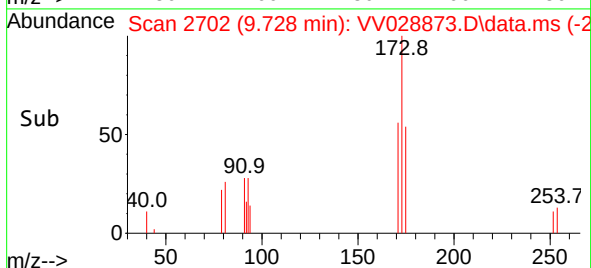
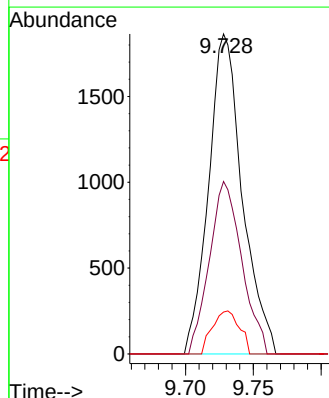
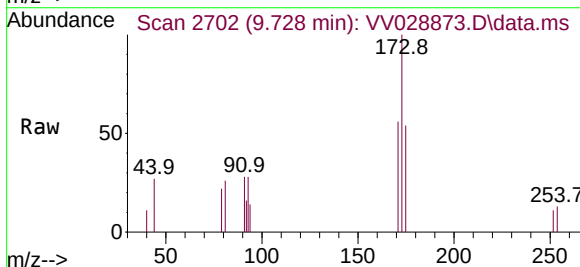
Tgt Ion: 173 Resp: 3219

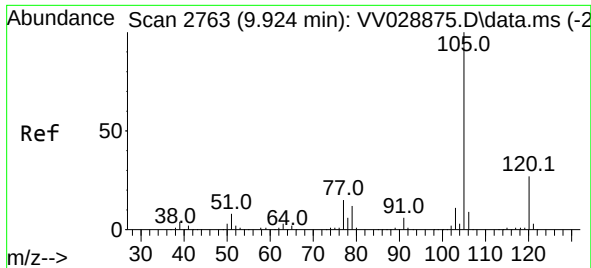
Ion Ratio Lower Upper

173 100

175 51.8 38.2 57.4

254 10.8 8.5 12.7

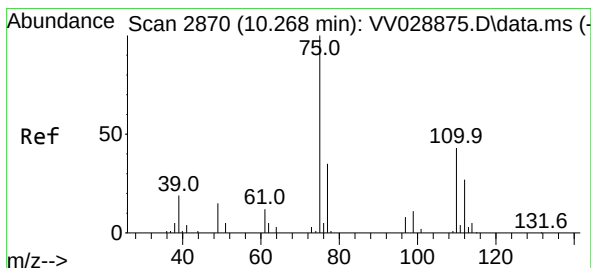
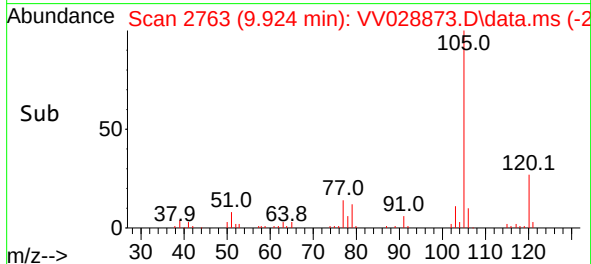
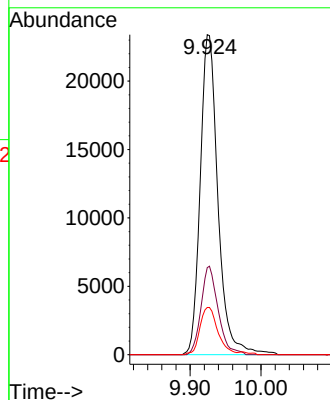
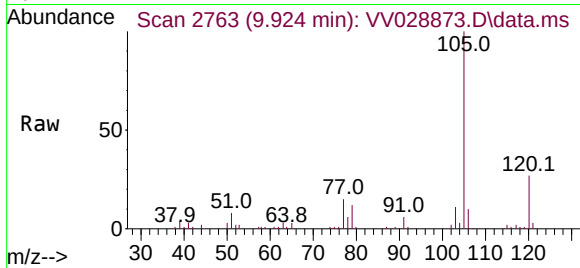




#60
Isopropylbenzene
Concen: 0.442 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

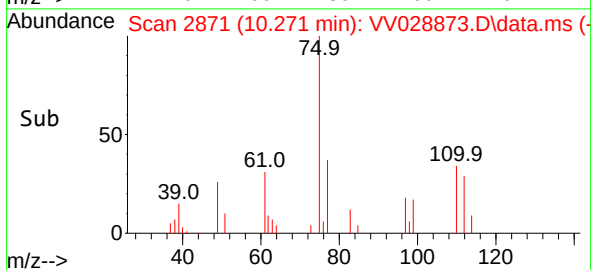
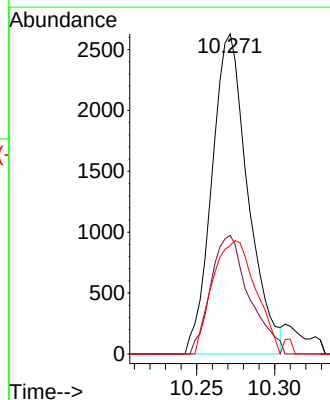
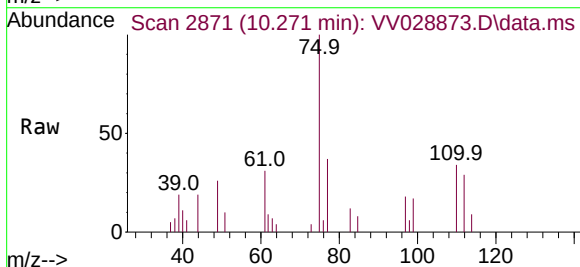
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5277

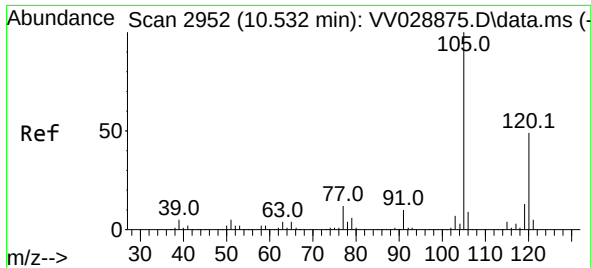
Tgt Ion:	105	Resp:	40553
Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.3	31.9
77	14.9	11.8	17.8



#61
1,2,3-Trichloropropane
Concen: 0.437 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

Tgt Ion:	75	Resp:	4225
Ion	Ratio	Lower	Upper
75	100		
77	39.4	26.2	39.2#
110	42.4	32.6	48.8

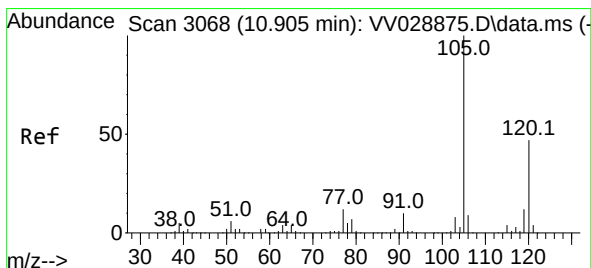
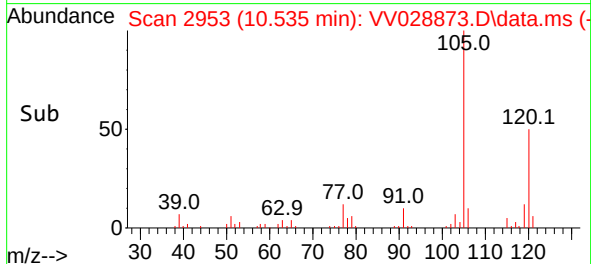
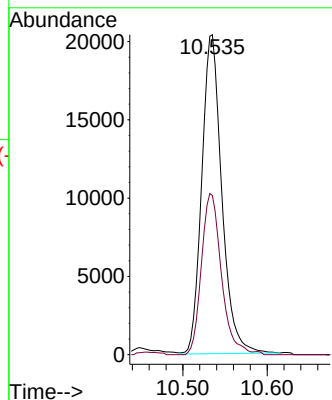
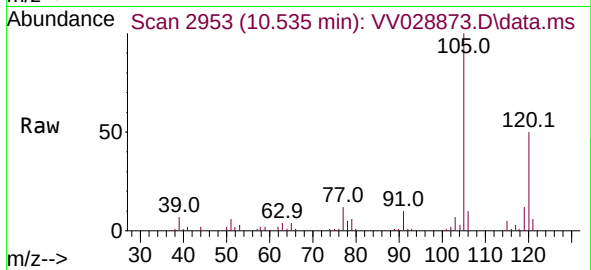




#62
1,3,5-Trimethylbenzene
Concen: 0.435 ug/L
RT: 10.535 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

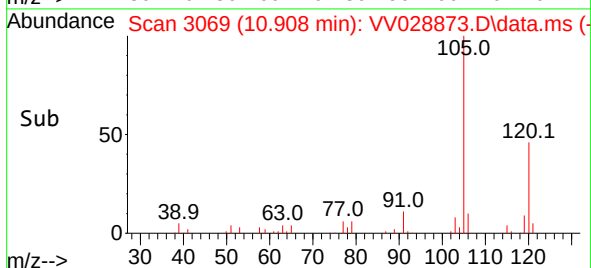
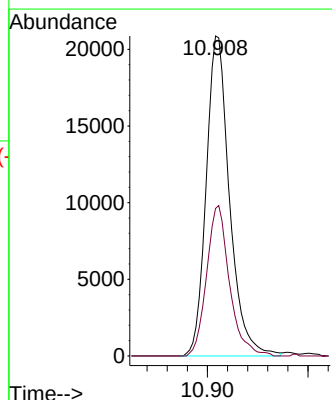
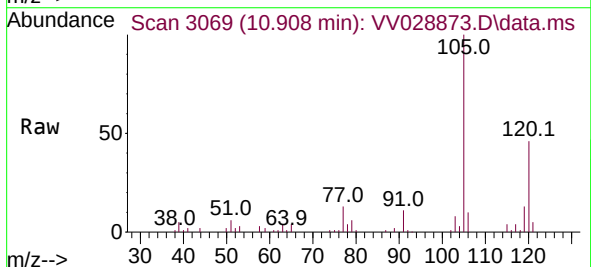
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5277

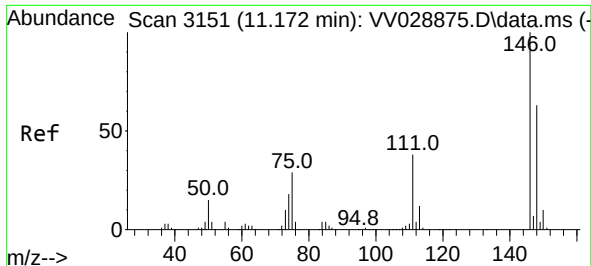
Tgt Ion:105 Resp: 33794
Ion Ratio Lower Upper
105 100
120 50.2 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 0.431 ug/L
RT: 10.908 min Scan# 3069
Delta R.T. 0.003 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

Tgt Ion:105 Resp: 33595
Ion Ratio Lower Upper
105 100
120 46.2 37.8 56.8

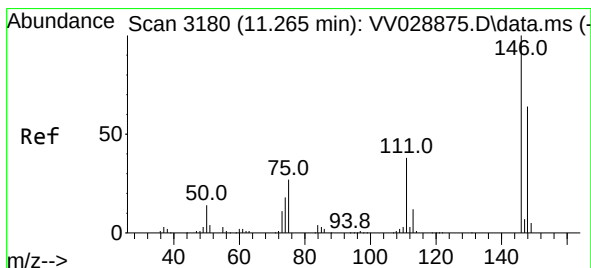
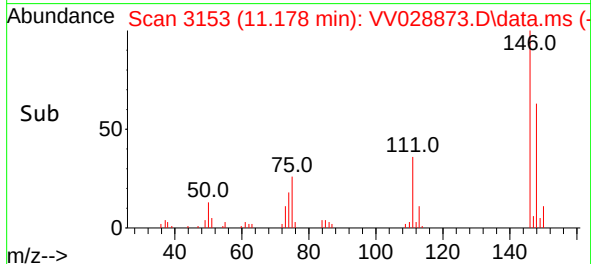
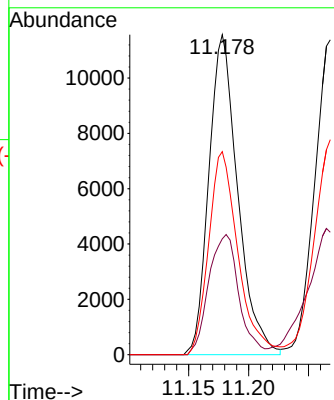
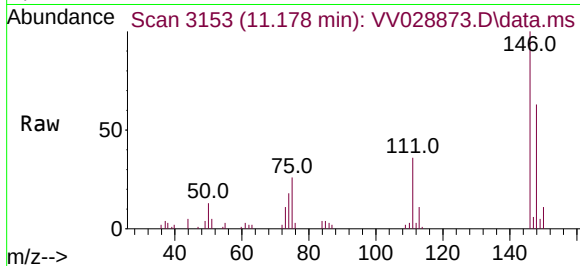




#64
1,3-Dichlorobenzene
Concen: 0.448 ug/L
RT: 11.178 min Scan# 3151
Delta R.T. 0.006 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

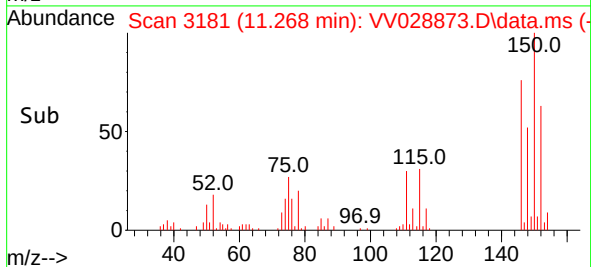
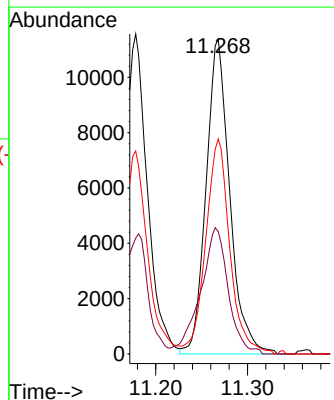
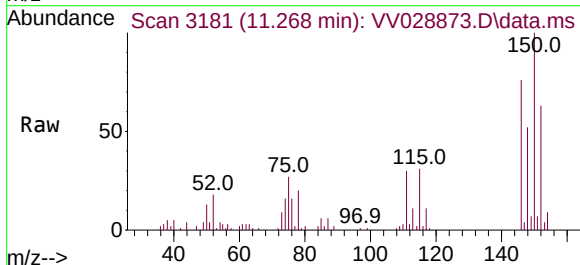
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5277

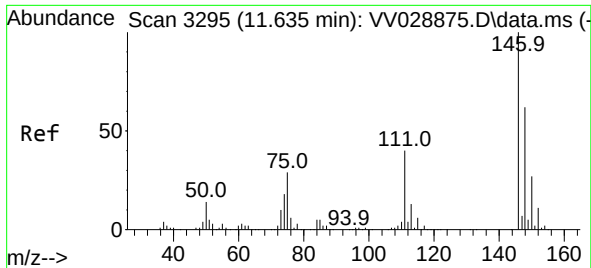
Tgt Ion:146	Resp:	19317
Ion Ratio	Lower	Upper
146	100	
111	36.2	26.9 50.1
148	63.4	44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 0.471 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.003 min
Lab File: VV028873.D
Acq: 11 Nov 2022 13:30

Tgt Ion:146	Resp:	20418
Ion Ratio	Lower	Upper
146	100	
111	38.9	26.5 49.3
148	68.3	44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 0.440 ug/L

RT: 11.638 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV028873.D

Acq: 11 Nov 2022 13:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5277

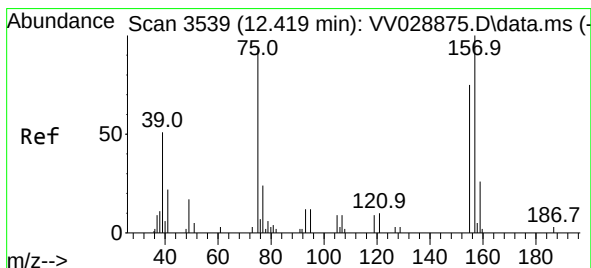
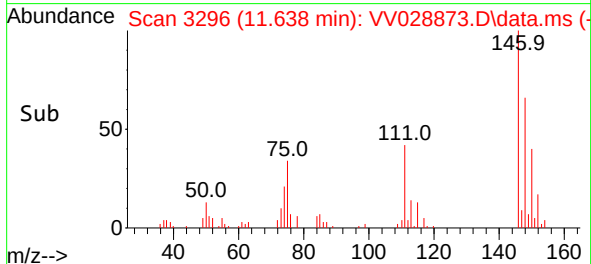
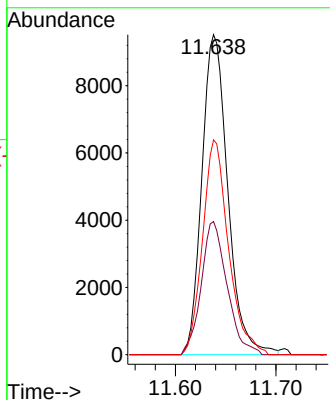
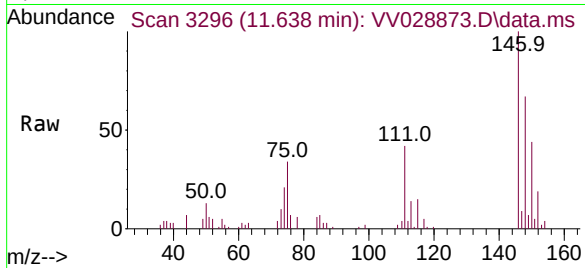
Tgt Ion:146 Resp: 17063

Ion Ratio Lower Upper

146 100

111 41.6 32.4 48.6

148 67.2 49.4 74.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.401 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.010 min

Lab File: VV028873.D

Acq: 11 Nov 2022 13:30

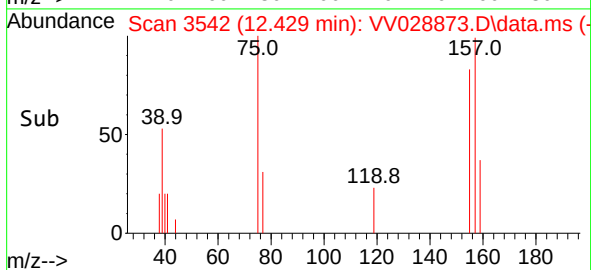
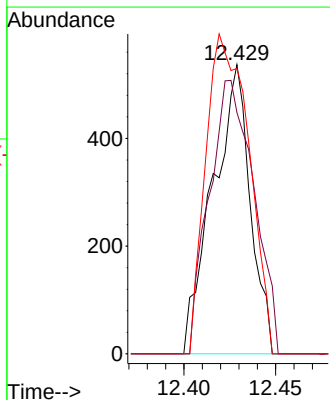
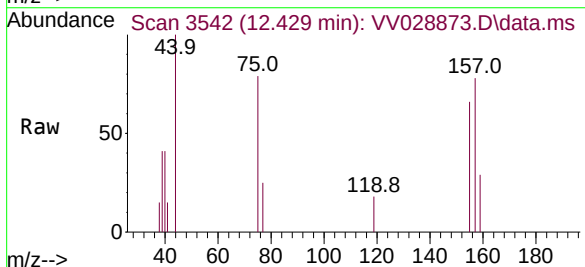
Tgt Ion: 75 Resp: 762

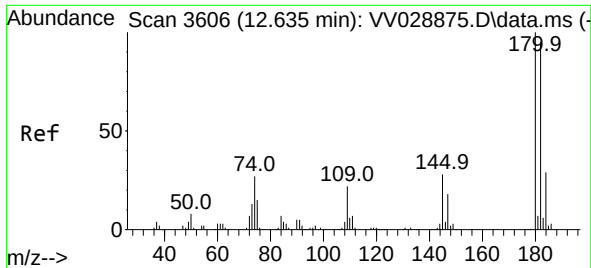
Ion Ratio Lower Upper

75 100

155 83.4 64.8 97.2

157 98.7 86.3 129.5

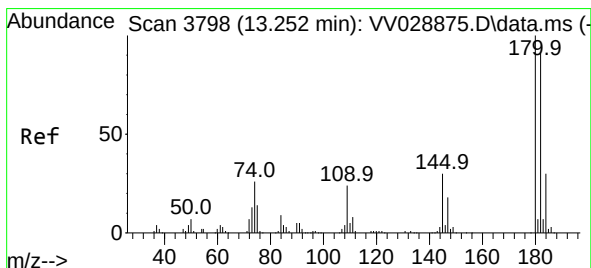
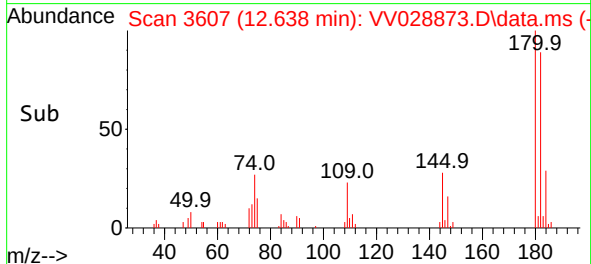
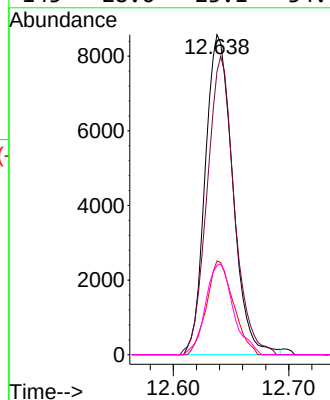
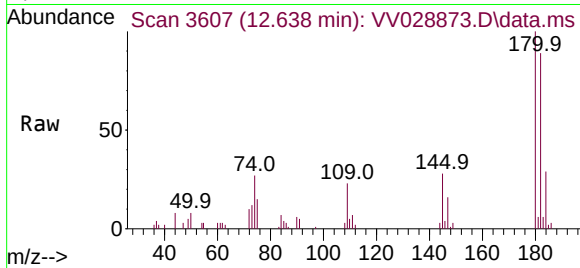




#69
 1,3,5-Trichlorobenzene
 Concen: 0.426 ug/L
 RT: 12.638 min Scan# 3606
 Delta R.T. 0.003 min
 Lab File: VV028873.D
 Acq: 11 Nov 2022 13:30

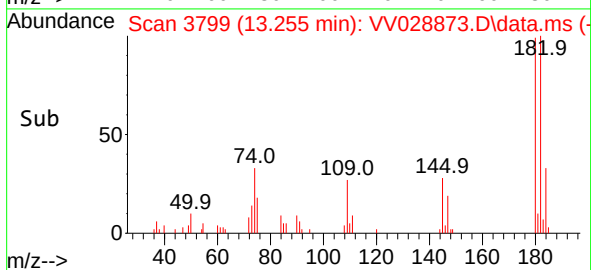
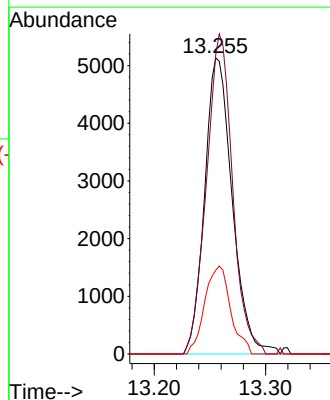
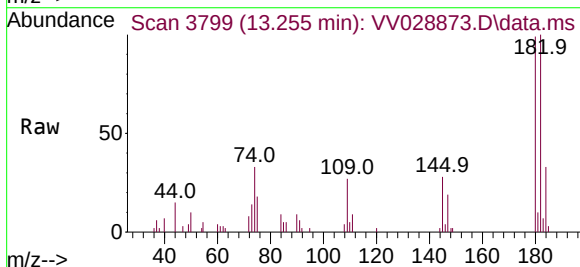
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5277

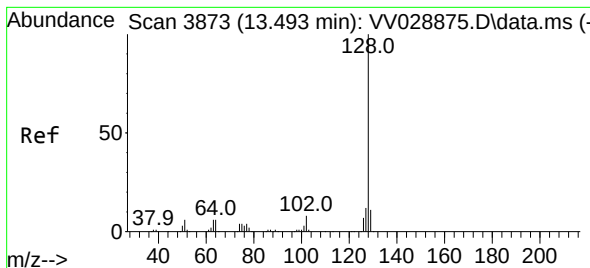
Tgt Ion:180	Resp:	14157
Ion Ratio	Lower	Upper
180	100	
182	92.5	76.7 115.1
184	28.6	24.0 36.0
145	28.6	23.1 34.7



#70
 1,2,4-trichlorobenzene
 Concen: 0.352 ug/L
 RT: 13.255 min Scan# 3799
 Delta R.T. 0.003 min
 Lab File: VV028873.D
 Acq: 11 Nov 2022 13:30

Tgt Ion:180	Resp:	8859
Ion Ratio	Lower	Upper
180	100	
182	102.0	74.3 111.5
145	27.7	23.7 35.5





#71

Naphthalene

Concen: 0.358 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.010 min

Lab File: VV028873.D

Acq: 11 Nov 2022 13:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5277

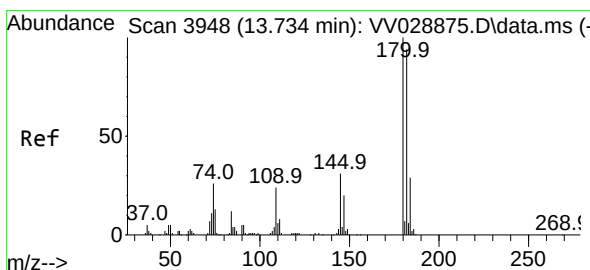
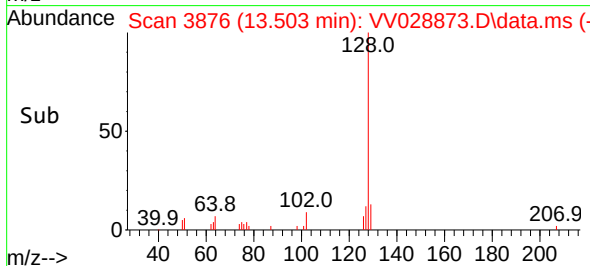
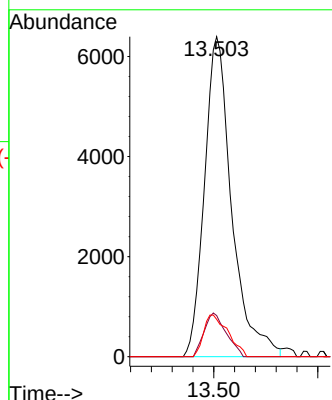
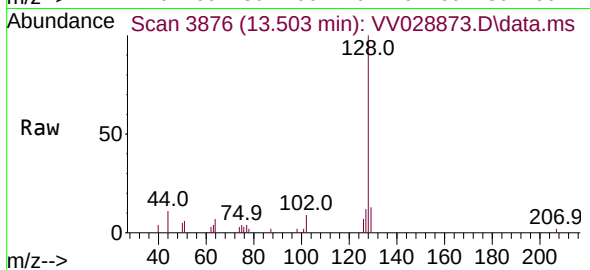
Tgt Ion:128 Resp: 11628

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 11.6 9.8 14.8



#72

1,2,3-Trichlorobenzene

Concen: 0.371 ug/L

RT: 13.737 min Scan# 3949

Delta R.T. 0.003 min

Lab File: VV028873.D

Acq: 11 Nov 2022 13:30

Tgt Ion:180 Resp: 7916

Ion Ratio Lower Upper

180 100

182 88.6 75.4 113.2

145 30.4 24.9 37.3

