

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102022\
 Data File : VW028632.D
 Acq On : 20 Oct 2022 12:50
 Operator : SY/MD
 Sample : VSTD02068
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020268

Quant Time: Oct 20 23:12:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 20 23:10:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.587	114	263746	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.853	117	167353	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	87844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	512174	21.431	ug/L	0.00
7) Chloroethane-d5	1.558	69	389634	20.136	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.095	63	890053	20.706	ug/L	0.00
20) 2-Butanone-d5	3.947	46	1020948	210.056	ug/L	0.00
24) Chloroform-d	4.342	84	744696	20.658	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	456322	24.696	ug/L	0.00
32) Benzene-d6	5.034	84	1632148	28.260	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.050	67	416703	21.454	ug/L	0.00
41) Toluene-d8	7.320	98	1104747	24.747	ug/L	0.02
43) trans-1,3-Dichloroprop...	7.628	79	119103	20.869	ug/L	0.02
46) 2-Hexanone-d5	8.108	63	571118	232.856	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	249479	23.896	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	344822	23.290	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	219889	14.844	ug/L	97
3) Chloromethane	1.230	50	420641	16.682	ug/L	98
5) Vinyl chloride	1.301	62	432540	17.364	ug/L	98
6) Bromomethane	1.513	94	200454	17.710	ug/L	98
8) Chloroethane	1.574	64	274193	16.846	ug/L	97
9) Trichlorofluoromethane	1.741	101	527986	17.366	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	317025	17.496	ug/L	99
12) 1,1-Dichloroethene	2.105	96	292168	17.432	ug/L	99
13) Acetone	2.240	43	526146	153.086	ug/L	91
14) Carbon disulfide	2.278	76	736100	16.163	ug/L	99
15) Methyl Acetate	2.449	43	186337	23.184	ug/L	96
16) Methylene chloride	2.494	84	344734	14.703	ug/L	99
17) Methyl tert-butyl Ether	2.773	73	810072	18.873	ug/L	99
18) trans-1,2-Dichloroethene	2.741	96	313199	17.947	ug/L	98
19) 1,1-Dichloroethane	3.172	63	741474	18.646	ug/L	97
21) 2-Butanone	4.034	43	1002877	199.286	ug/L	99
22) cis-1,2-Dichloroethene	3.892	96	363777	18.350	ug/L #	95
23) Bromochloromethane	4.236	128	129098	17.091	ug/L	97
25) Chloroform	4.368	83	676345	17.935	ug/L	99
27) 1,2-Dichloroethane	5.120	62	507167	22.667	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	550782	22.924	ug/L	98
30) Cyclohexane	4.657	56	632362	22.836	ug/L	98
31) Carbon tetrachloride	4.812	117	428147	23.035	ug/L	99
33) Benzene	5.082	78	1560406	24.858	ug/L	100
34) Trichloroethene	5.879	95	262170	16.869	ug/L	93
35) Methylcyclohexane	6.095	83	447308	17.304	ug/L	95
37) 1,2-Dichloropropane	6.156	63	300432	17.914	ug/L	99
38) Bromodichloromethane	6.503	83	333754	18.469	ug/L	100
39) cis-1,3-Dichloropropene	7.037	75	403669	19.586	ug/L	100
40) 4-Methyl-2-pentanone	7.259	43	1802820	211.190	ug/L	99
42) Toluene	7.391	91	1218187	21.374	ug/L	100
44) trans-1,3-Dichloropropene	7.657	75	323052	21.480	ug/L	98

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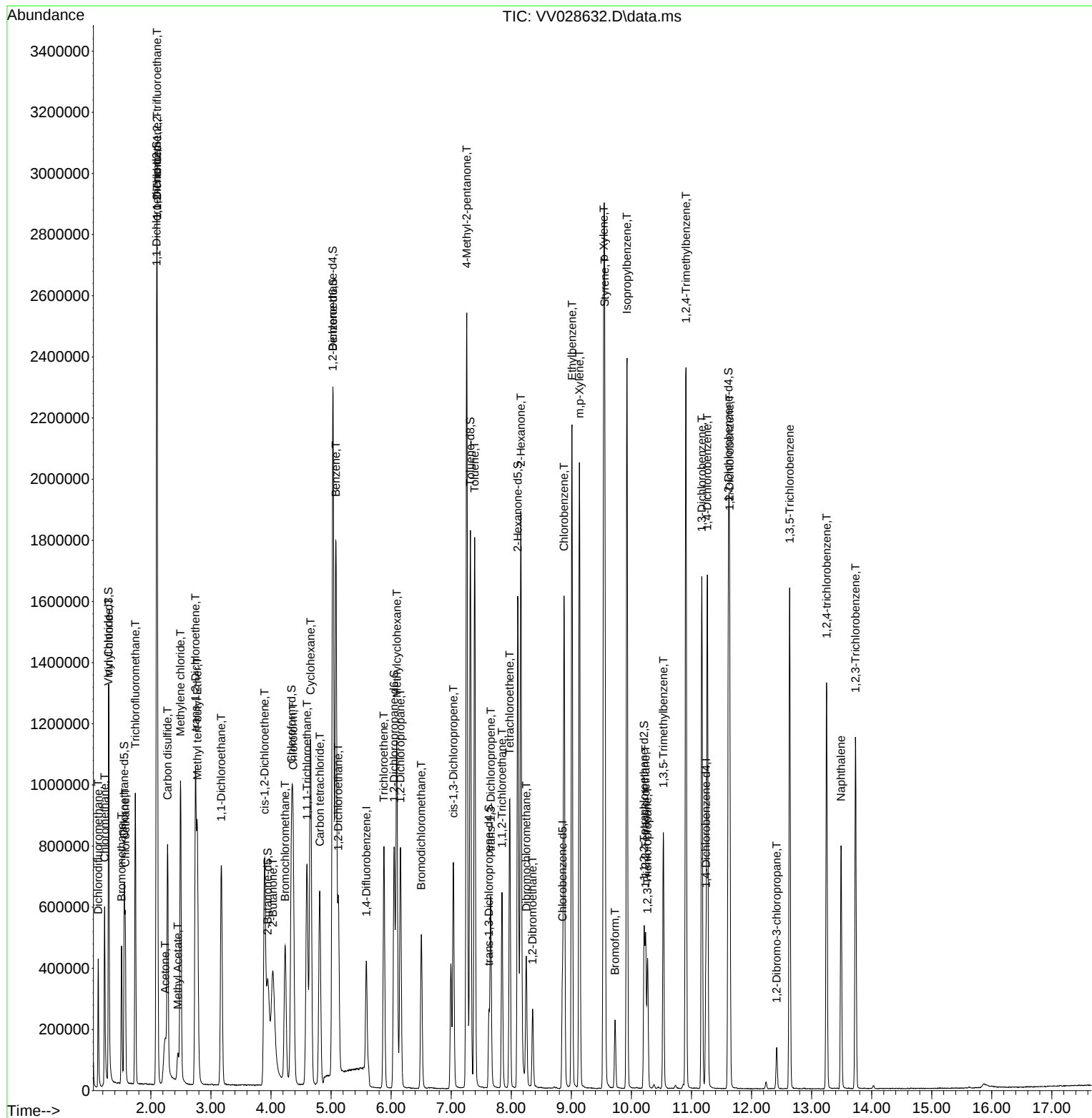
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.847	97	184746	21.572	ug/L	95
47) Tetrachloroethene	7.976	164	188004	20.085	ug/L	98
48) 2-Hexanone	8.159	43	1269485	220.148	ug/L	98
49) Dibromochloromethane	8.249	129	196359	21.931	ug/L	95
50) 1,2-Dibromoethane	8.355	107	164181	21.777	ug/L	99
51) Chlorobenzene	8.879	112	759447	21.558	ug/L	99
52) Ethylbenzene	9.011	91	1408153	22.456	ug/L	99
53) m,p-Xylene	9.136	106	523264	22.217	ug/L	99
54) o-Xylene	9.538	106	521386	23.012	ug/L	96
55) Styrene	9.558	104	914393	23.627	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	235544	22.130	ug/L	96
59) Bromoform	9.728	173	90582	20.602	ug/L	97
60) Isopropylbenzene	9.927	105	1446720	22.101	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	164076	20.250	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	411215	21.114	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	1183292	22.146	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	589496	21.366	ug/L	100
65) 1,4-Dichlorobenzene	11.265	146	580440	21.384	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	534530	21.519	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	31253	19.546	ug/L	90
69) 1,3,5-Trichlorobenzene	12.635	180	434159	21.788	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	348388	22.860	ug/L	99
71) Naphthalene	13.490	128	565496	24.949	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	300465	23.627	ug/L	98

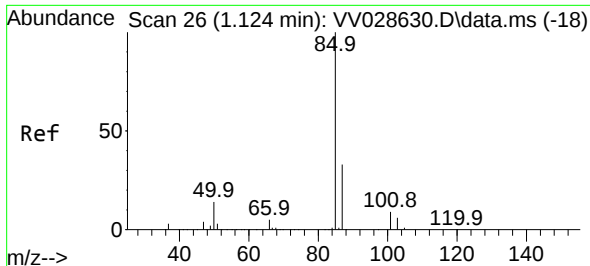
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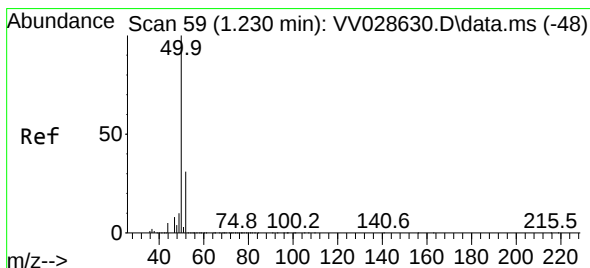
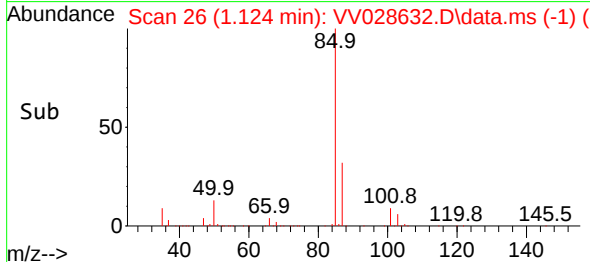
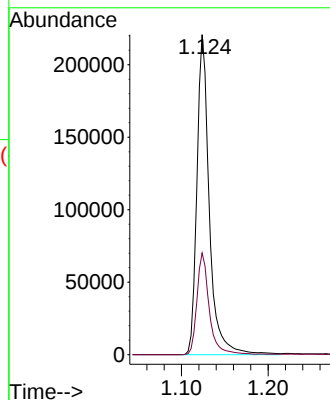
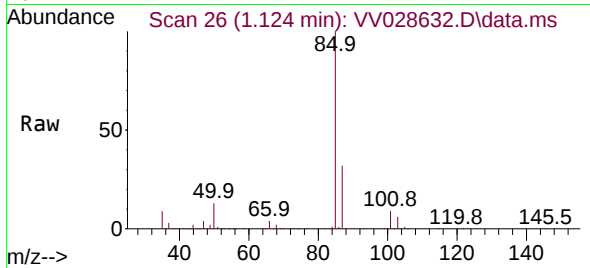




#2
 Dichlorodifluoromethane
 Concen: 14.844 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV028632.D
 Acq: 20 Oct 2022 12:50

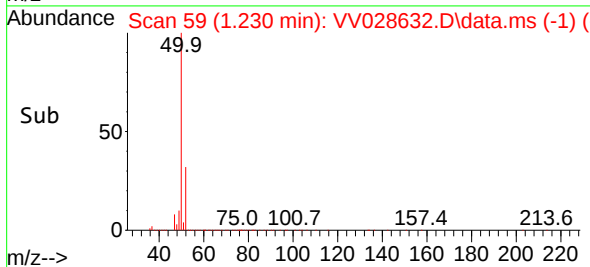
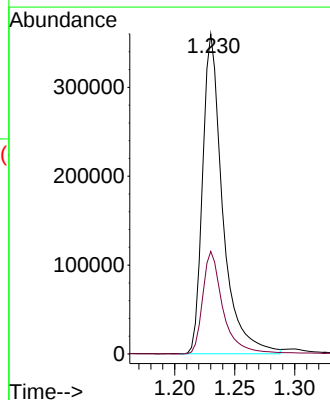
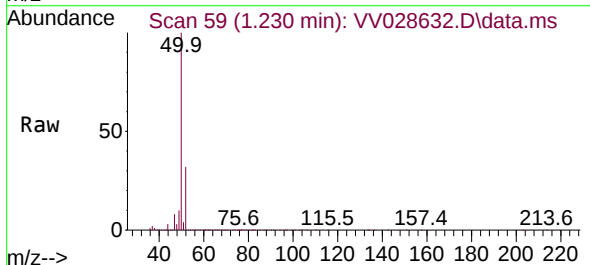
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 VSTD020268

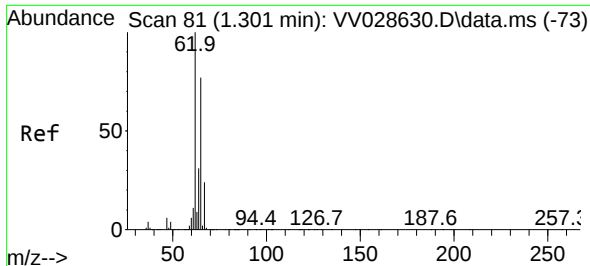
Tgt Ion: 85 Resp: 219889
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.6 40.0



#3
 Chloromethane
 Concen: 16.682 ug/L
 RT: 1.230 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VV028632.D
 Acq: 20 Oct 2022 12:50

Tgt Ion: 50 Resp: 420641
 Ion Ratio Lower Upper
 50 100
 52 32.0 21.8 40.6

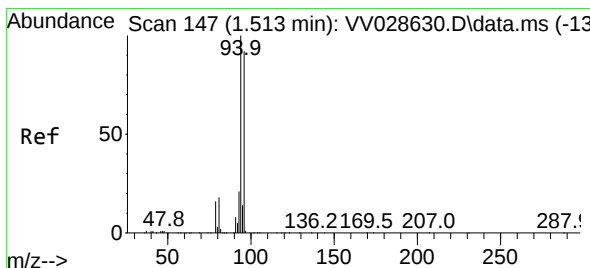
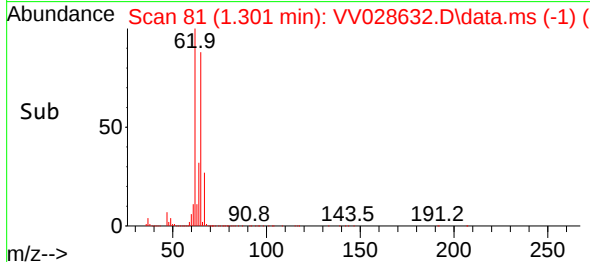
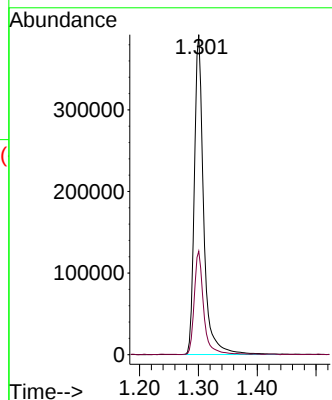
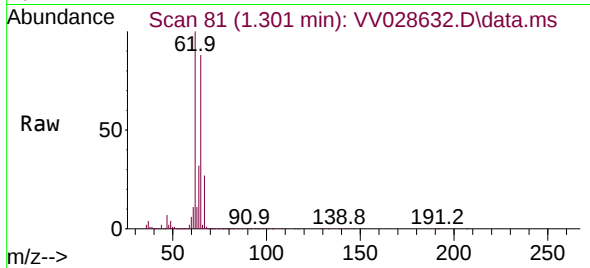




#5
 Vinyl chloride
 Concen: 17.364 ug/L
 RT: 1.301 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028632.D
 Acq: 20 Oct 2022 12:50

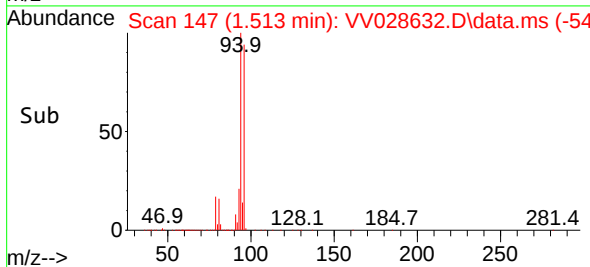
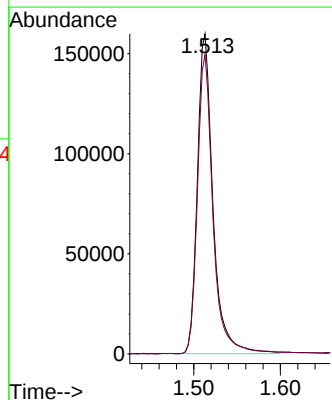
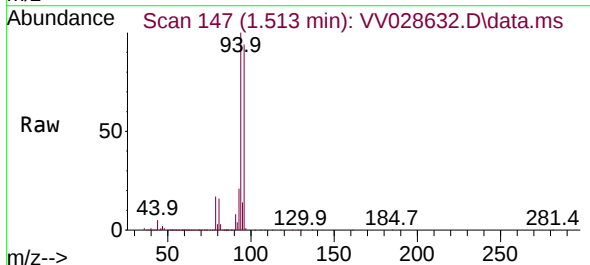
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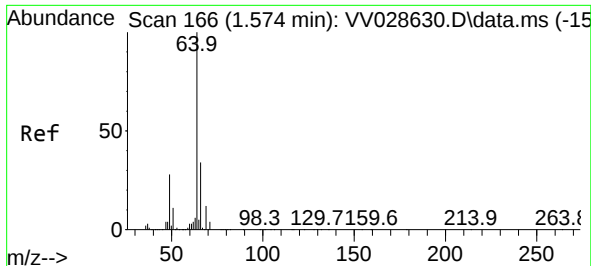
Tgt Ion: 62 Resp: 432540
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.0 41.0



#6
 Bromomethane
 Concen: 17.710 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VV028632.D
 Acq: 20 Oct 2022 12:50

Tgt Ion: 94 Resp: 200454
 Ion Ratio Lower Upper
 94 100
 96 93.5 64.3 119.3

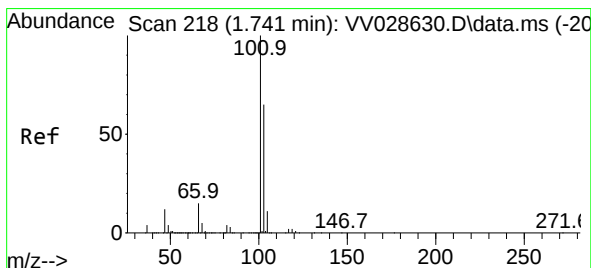
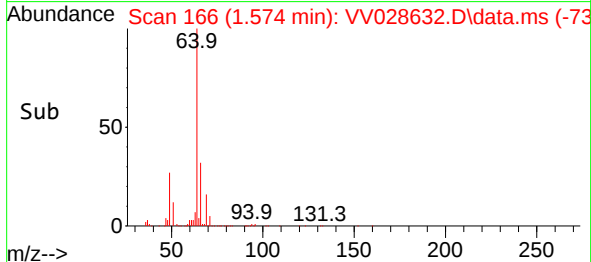
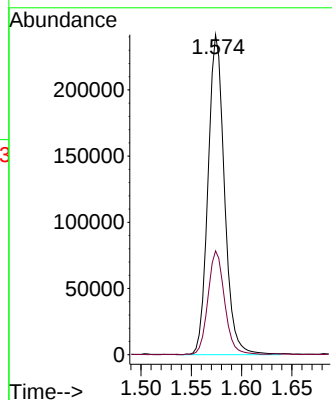
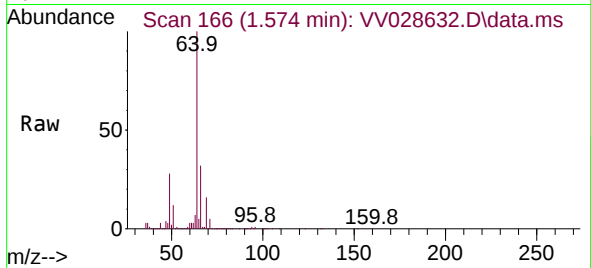




#8
Chloroethane
Concen: 16.846 ug/L
RT: 1.574 min Scan# 166
Delta R.T. 0.000 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

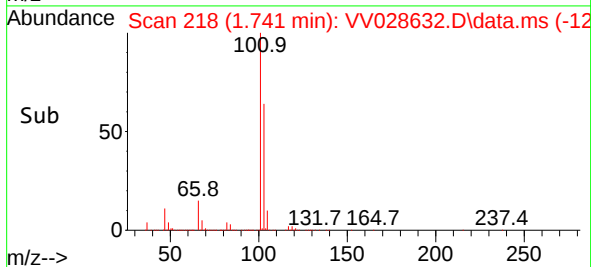
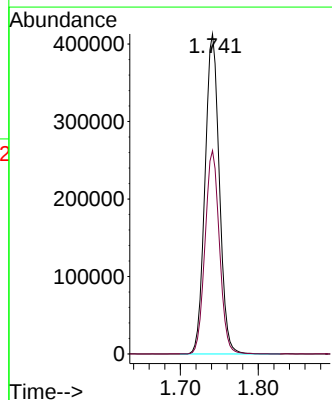
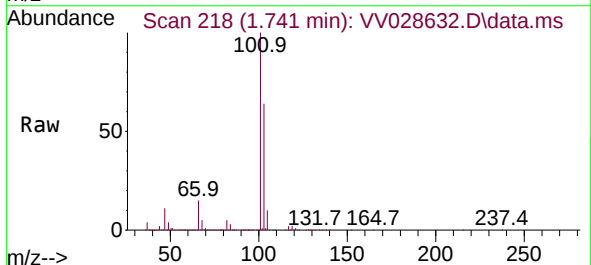
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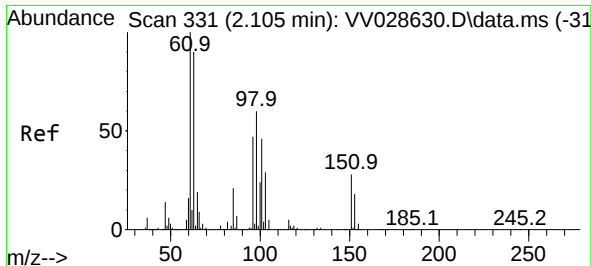
Tgt Ion: 64 Resp: 274193
Ion Ratio Lower Upper
64 100
66 32.4 23.9 44.5



#9
Trichlorofluoromethane
Concen: 17.366 ug/L
RT: 1.741 min Scan# 218
Delta R.T. 0.000 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

Tgt Ion: 101 Resp: 527986
Ion Ratio Lower Upper
101 100
103 63.7 51.0 76.6

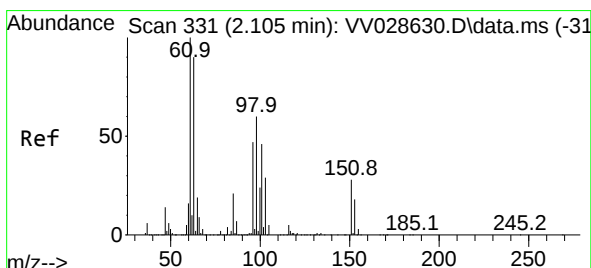
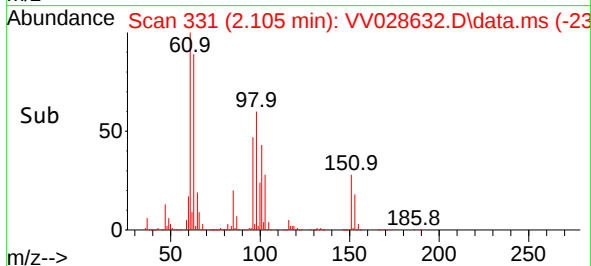
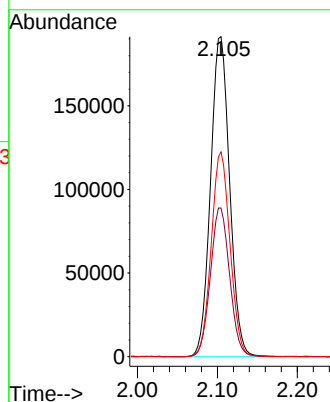
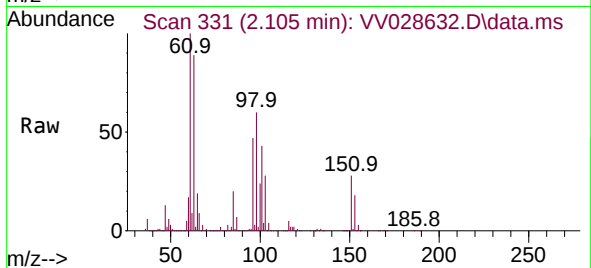




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.496 ug/L
 RT: 2.105 min Scan# 331
 Delta R.T. 0.000 min
 Lab File: VV028632.D
 Acq: 20 Oct 2022 12:50

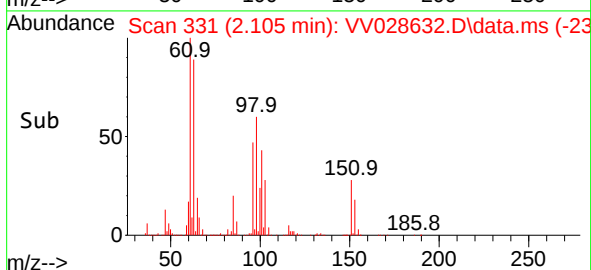
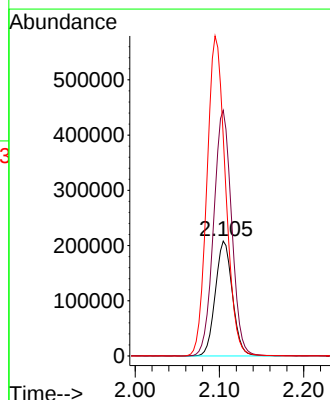
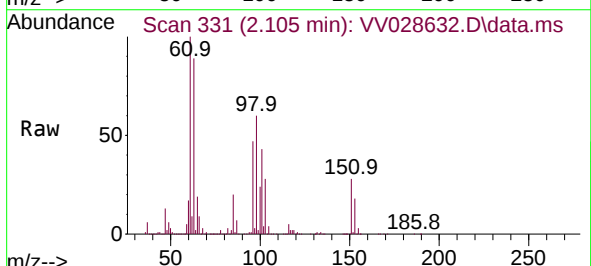
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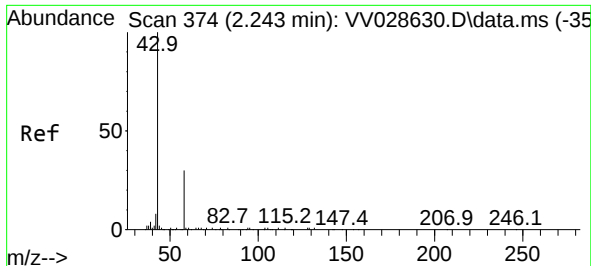
Tgt Ion:101 Resp: 317025
 Ion Ratio Lower Upper
 101 100
 85 46.9 37.0 55.6
 151 63.2 50.2 75.2



#12
 1,1-Dichloroethene
 Concen: 17.432 ug/L
 RT: 2.105 min Scan# 331
 Delta R.T. 0.000 min
 Lab File: VV028632.D
 Acq: 20 Oct 2022 12:50

Tgt Ion: 96 Resp: 292168
 Ion Ratio Lower Upper
 96 100
 61 213.7 148.1 275.1
 63 190.8 133.3 247.7





#13

Acetone

Concen: 153.086 ug/L

RT: 2.240 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028632.D

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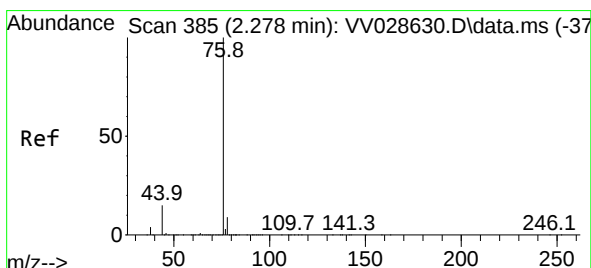
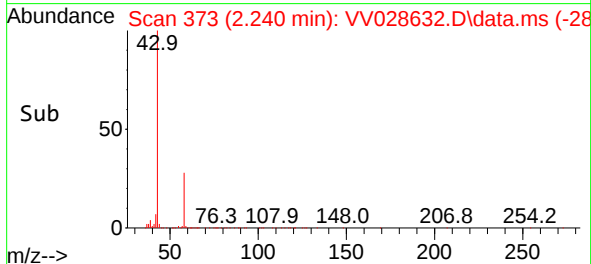
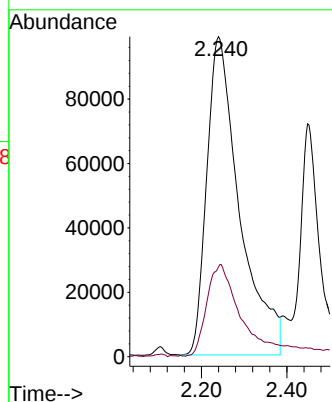
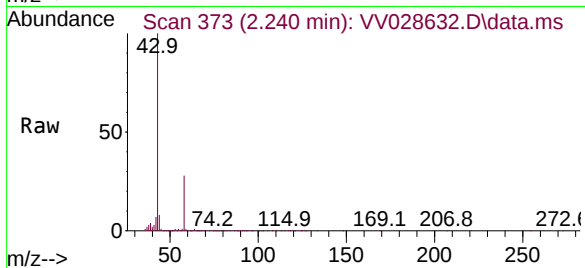
VSTD020268

Tgt Ion: 43 Resp: 526146

Ion Ratio Lower Upper

43 100

58 29.7 0.0 50.2



#14

Carbon disulfide

Concen: 16.163 ug/L

RT: 2.278 min Scan# 385

Delta R.T. 0.000 min

Lab File: VV028632.D

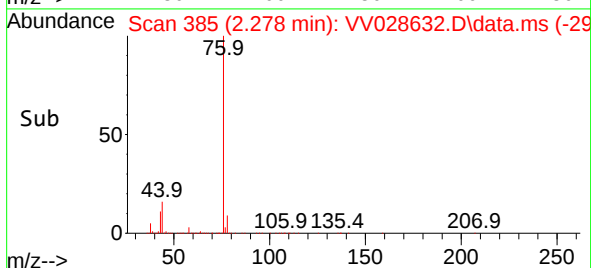
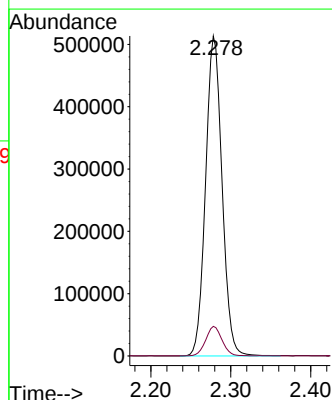
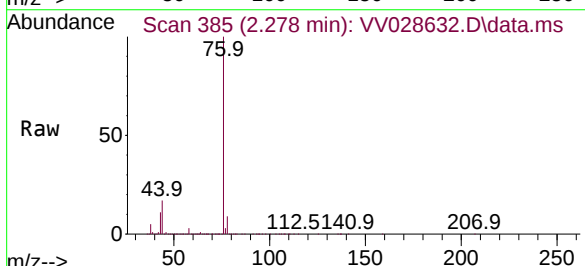
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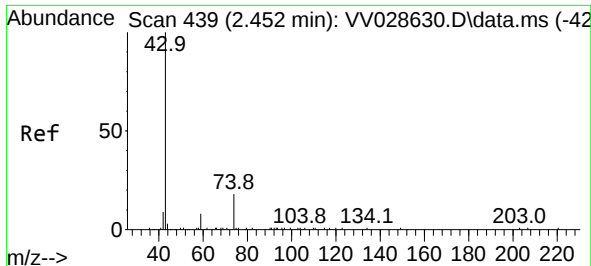
Tgt Ion: 76 Resp: 736100

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

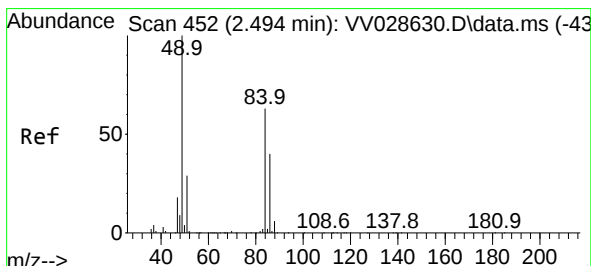
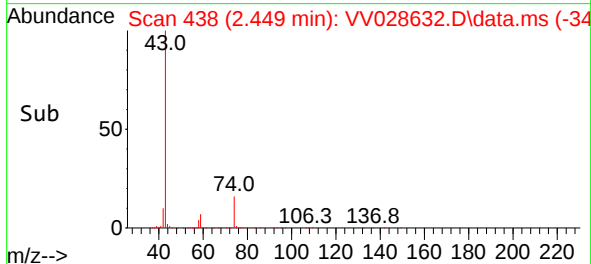
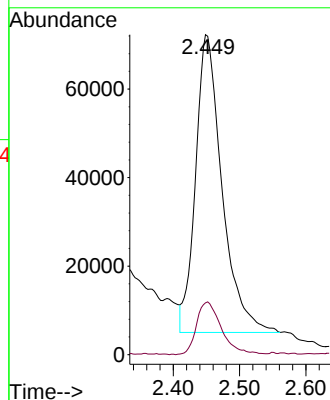
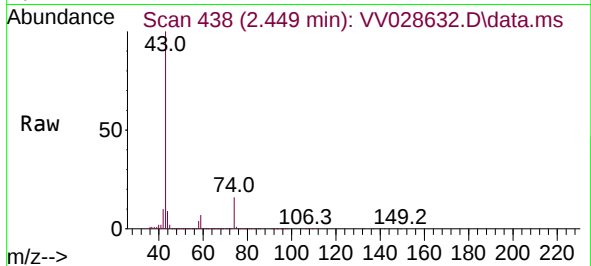




#15
Methyl Acetate
Concen: 23.184 ug/L
RT: 2.449 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

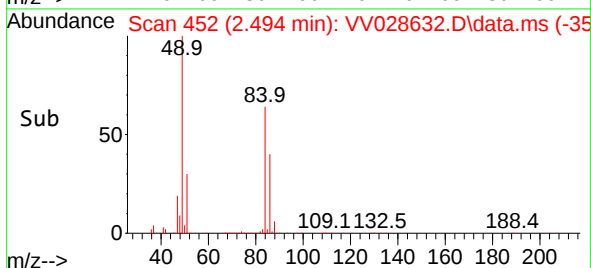
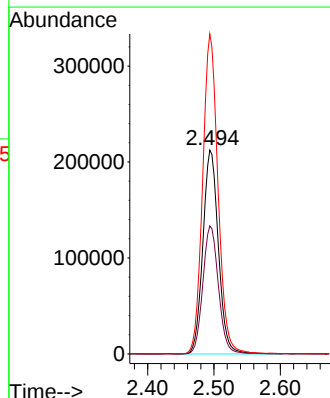
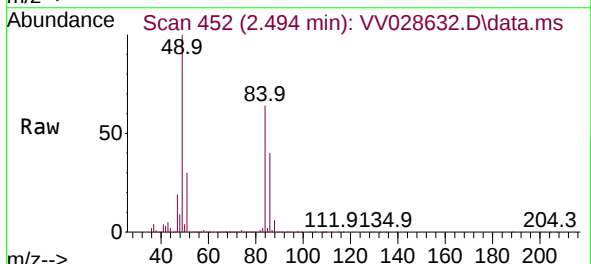
Instrument :
MSVOA_V
ClientSampleId :
VSTD020268

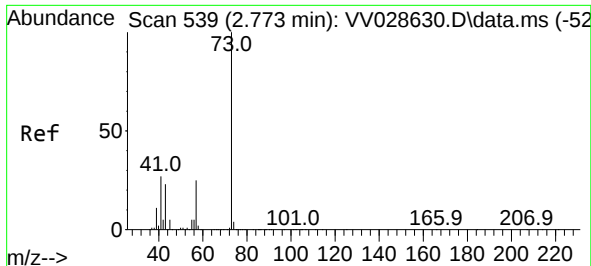
Tgt Ion: 43 Resp: 186337
Ion Ratio Lower Upper
43 100
74 16.9 14.9 22.3



#16
Methylene chloride
Concen: 14.703 ug/L
RT: 2.494 min Scan# 452
Delta R.T. 0.000 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

Tgt Ion: 84 Resp: 344734
Ion Ratio Lower Upper
84 100
86 62.9 44.4 82.4
49 157.0 110.8 205.8





#17

Methyl tert-butyl Ether

Concen: 18.873 ug/L

RT: 2.773 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV028632.D

Acq: 20 Oct 2022 12:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD020268

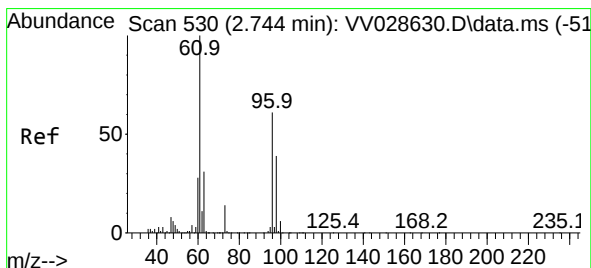
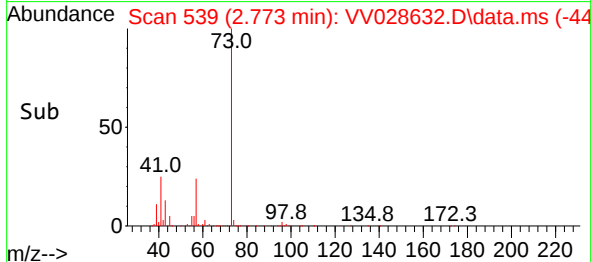
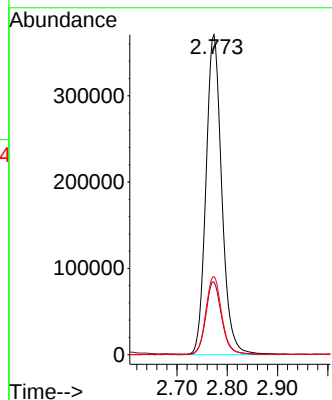
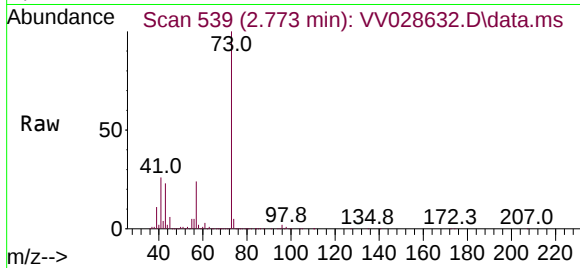
Tgt Ion: 73 Resp: 810072

Ion Ratio Lower Upper

73 100

43 22.4 18.0 27.0

57 24.4 20.0 30.0



#18

trans-1,2-Dichloroethene

Concen: 17.947 ug/L

RT: 2.741 min Scan# 529

Delta R.T. -0.003 min

Lab File: VV028632.D

Acq: 20 Oct 2022 12:50

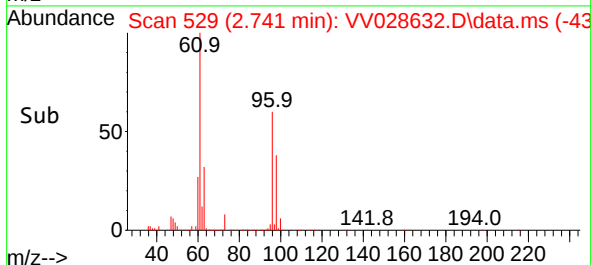
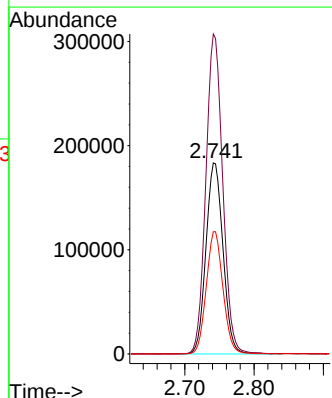
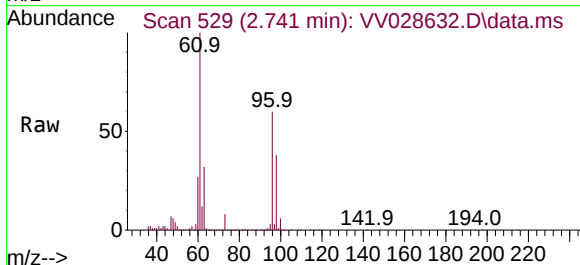
Tgt Ion: 96 Resp: 313199

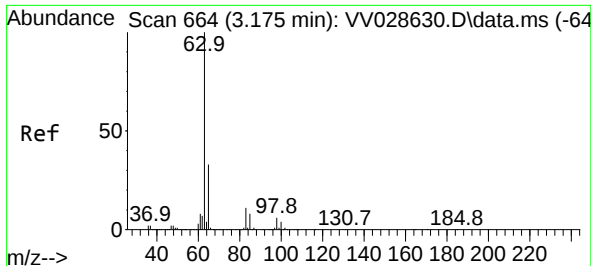
Ion Ratio Lower Upper

96 100

61 167.5 114.3 212.3

98 64.0 45.0 83.6





#19

1,1-Dichloroethane

Concen: 18.646 ug/L

RT: 3.172 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV028632.D

Acq: 20 Oct 2022 12:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD020268

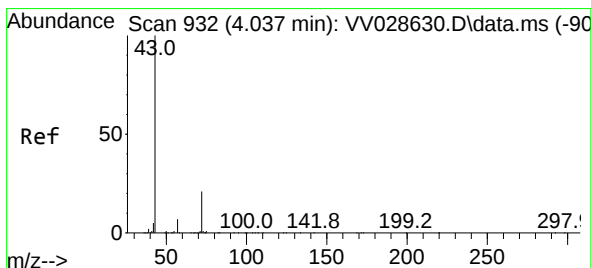
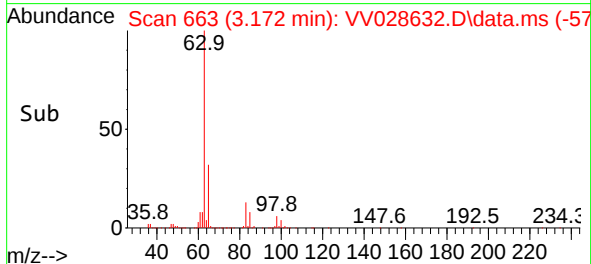
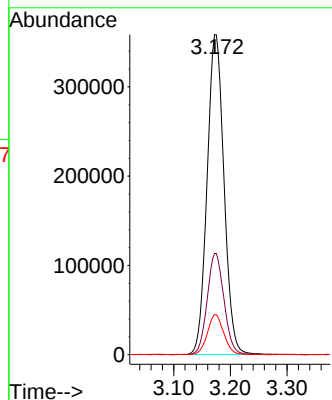
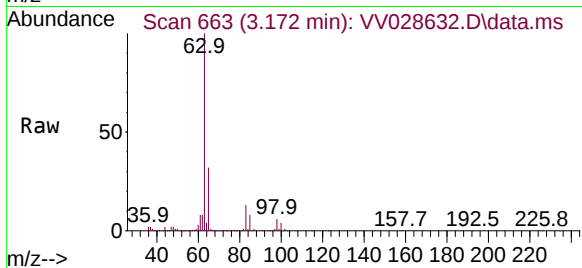
Tgt Ion: 63 Resp: 741474

Ion Ratio Lower Upper

63 100

65 31.6 23.1 42.9

83 12.5 7.9 14.7



#21

2-Butanone

Concen: 199.286 ug/L

RT: 4.034 min Scan# 931

Delta R.T. -0.003 min

Lab File: VV028632.D

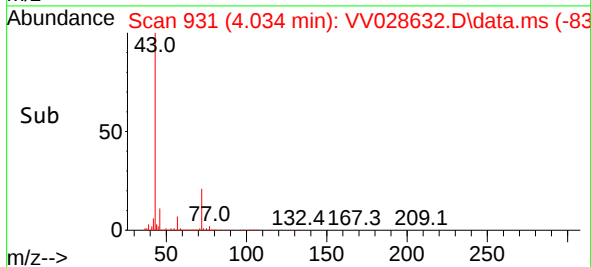
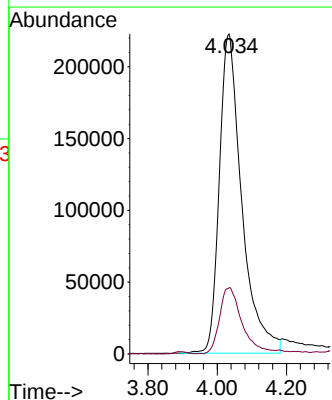
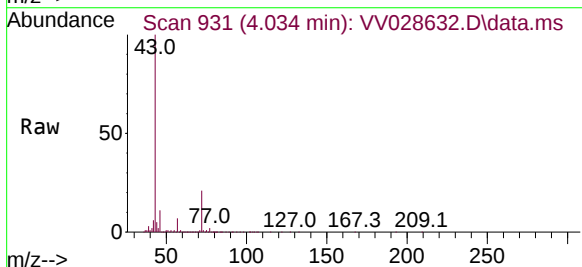
Acq: 20 Oct 2022 12:50

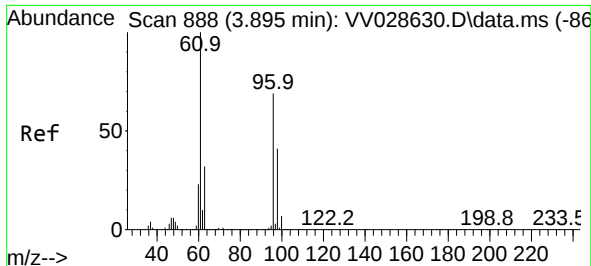
Tgt Ion: 43 Resp: 1002877

Ion Ratio Lower Upper

43 100

72 20.6 10.2 30.4

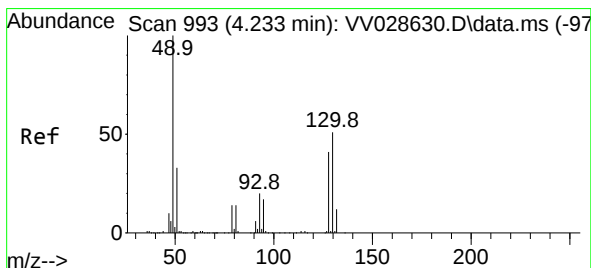
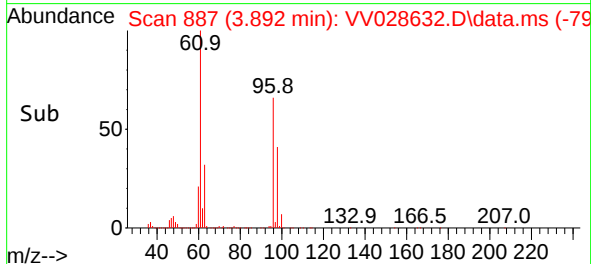
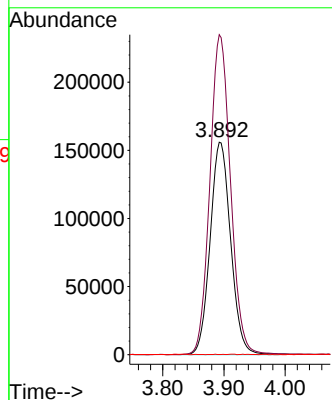
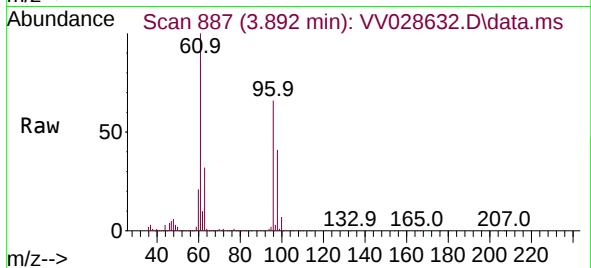




#22
cis-1,2-Dichloroethene
Concen: 18.350 ug/L
RT: 3.892 min Scan# 888
Delta R.T. -0.003 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

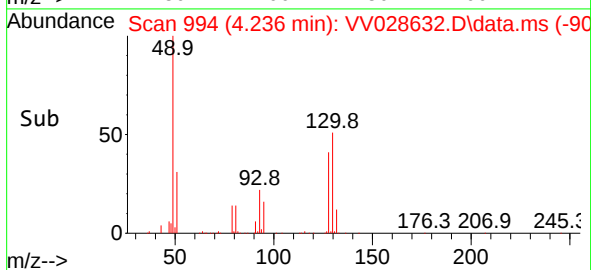
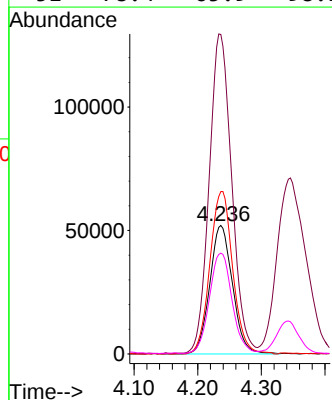
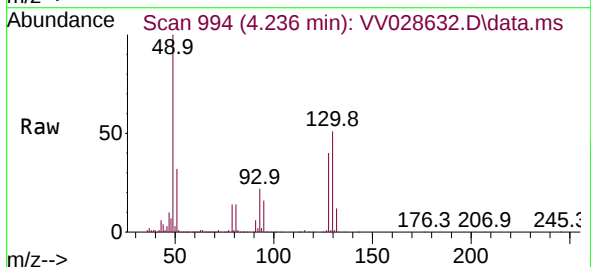
Instrument :
MSVOA_V
ClientSampleId :
VSTD020268

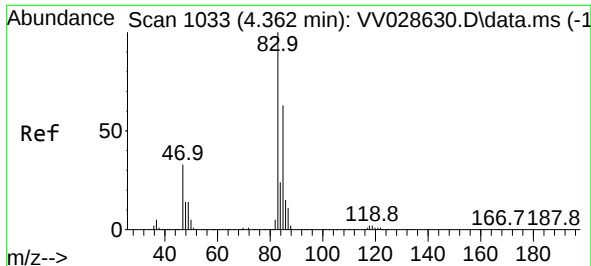
Tgt Ion: 96 Resp: 363777
Ion Ratio Lower Upper
96 100
61 150.6 101.4 188.2
68 0.1 0.5 0.9#



#23
Bromochloromethane
Concen: 17.091 ug/L
RT: 4.236 min Scan# 994
Delta R.T. 0.003 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

Tgt Ion:128 Resp: 129098
Ion Ratio Lower Upper
128 100
49 248.5 171.1 317.7
130 126.4 86.4 160.4
51 78.4 65.9 98.9

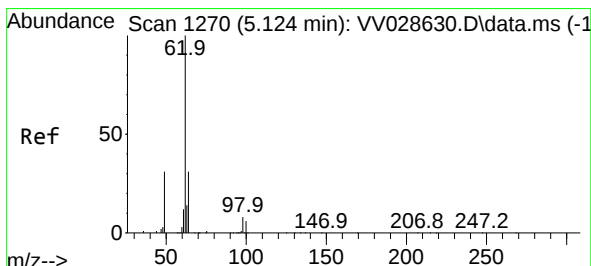
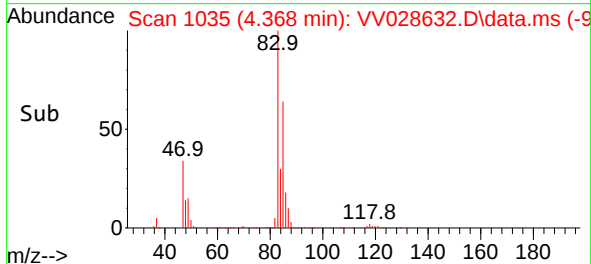
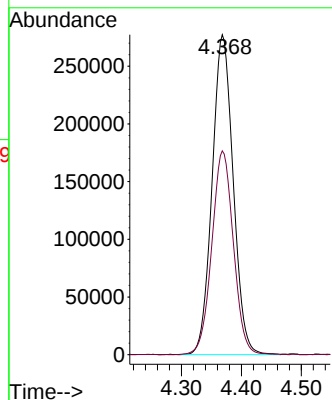
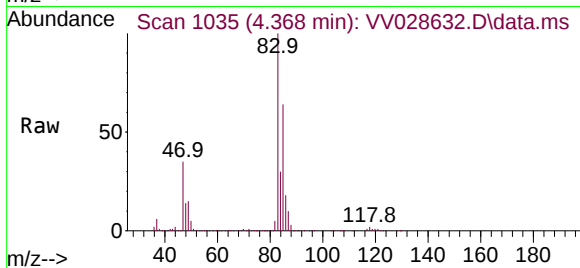




#25
Chloroform
Concen: 17.935 ug/L
RT: 4.368 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

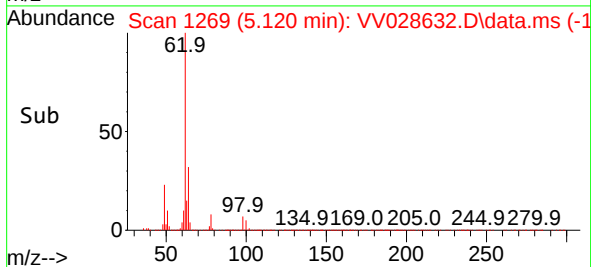
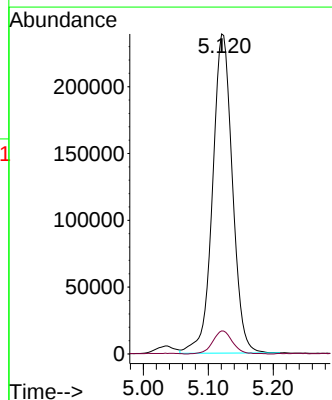
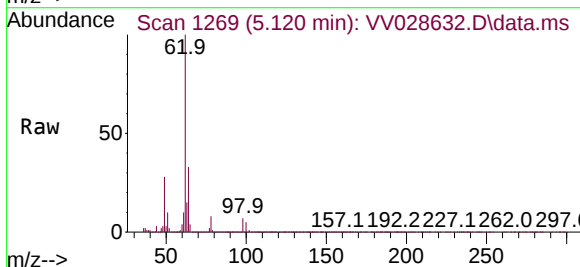
Instrument :
MSVOA_V
ClientSampleId :
VSTD020268

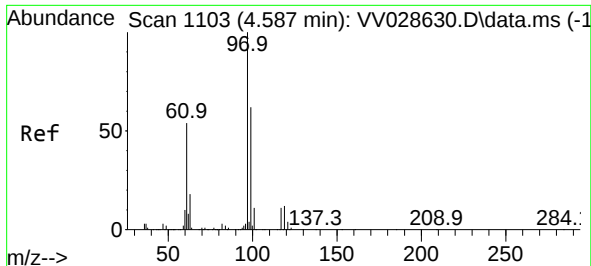
Tgt Ion: 83 Resp: 676345
Ion Ratio Lower Upper
83 100
85 63.7 44.1 81.9



#27
1,2-Dichloroethane
Concen: 22.667 ug/L
RT: 5.120 min Scan# 1269
Delta R.T. -0.003 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

Tgt Ion: 62 Resp: 507167
Ion Ratio Lower Upper
62 100
98 7.2 6.6 9.8





#29

1,1,1-Trichloroethane

Concen: 22.924 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.013 min

Lab File: VV028632.D

Acq: 20 Oct 2022 12:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD020268

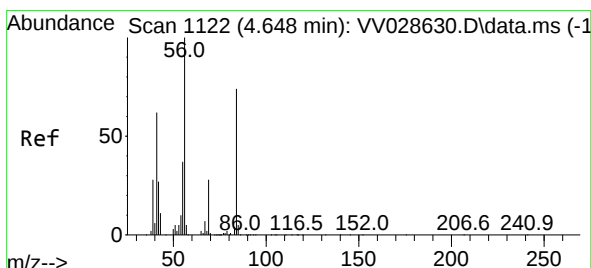
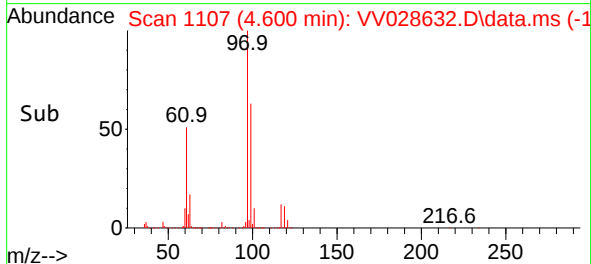
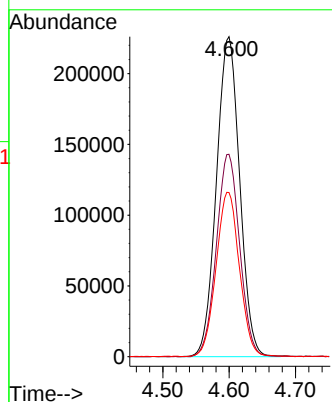
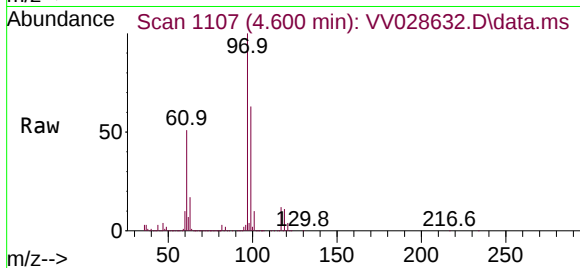
Tgt Ion: 97 Resp: 550782

Ion Ratio Lower Upper

97 100

99 63.3 50.5 75.7

61 51.5 43.1 64.7



#30

Cyclohexane

Concen: 22.836 ug/L

RT: 4.657 min Scan# 1125

Delta R.T. 0.010 min

Lab File: VV028632.D

Acq: 20 Oct 2022 12:50

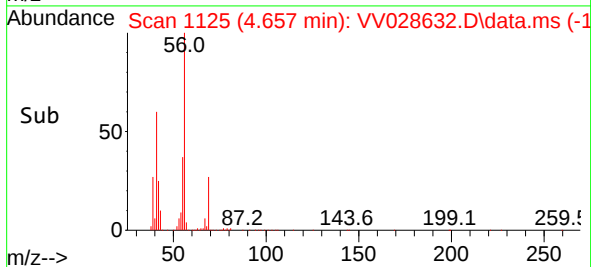
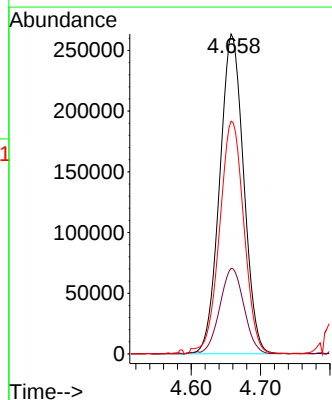
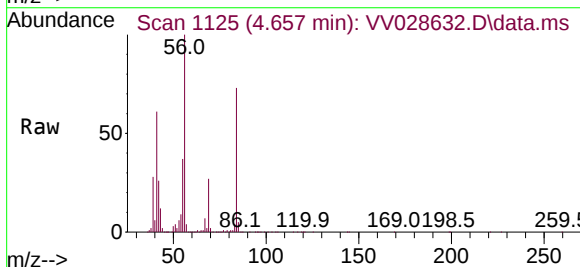
Tgt Ion: 56 Resp: 632362

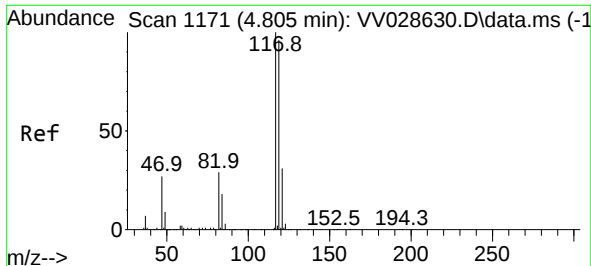
Ion Ratio Lower Upper

56 100

69 27.3 22.6 34.0

84 74.1 60.4 90.6

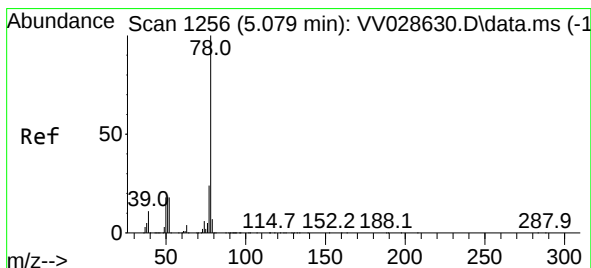
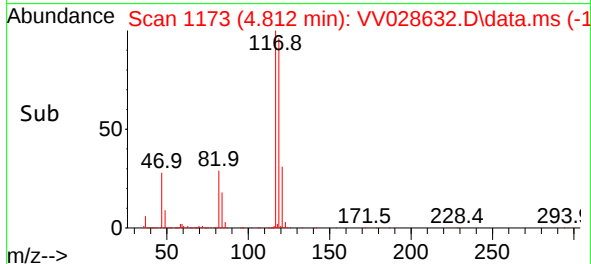
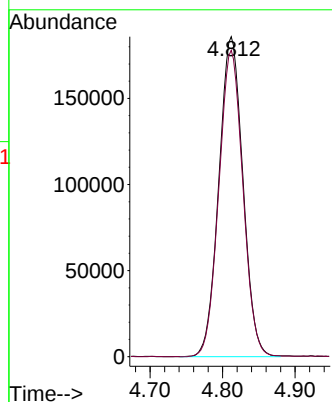
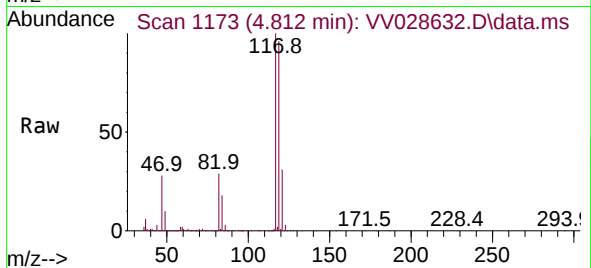




#31
Carbon tetrachloride
Concen: 23.035 ug/L
RT: 4.812 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

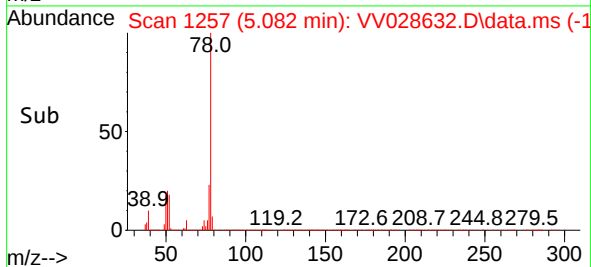
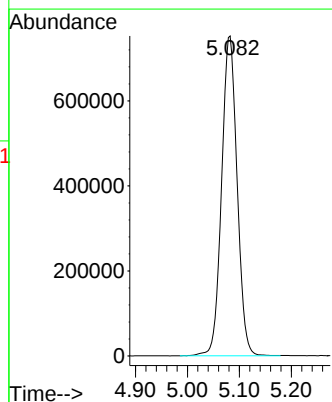
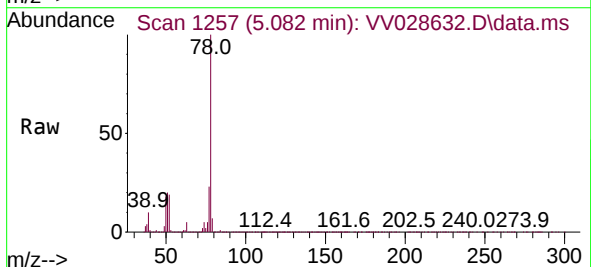
Instrument :
MSVOA_V
ClientSampleId :
VSTD020268

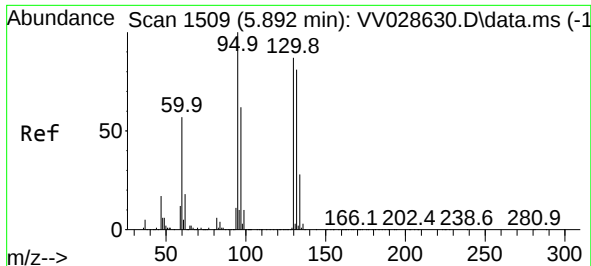
Tgt Ion:117 Resp: 428147
Ion Ratio Lower Upper
117 100
119 95.7 76.1 114.1



#33
Benzene
Concen: 24.858 ug/L
RT: 5.082 min Scan# 1257
Delta R.T. 0.003 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

Tgt Ion: 78 Resp: 1560406

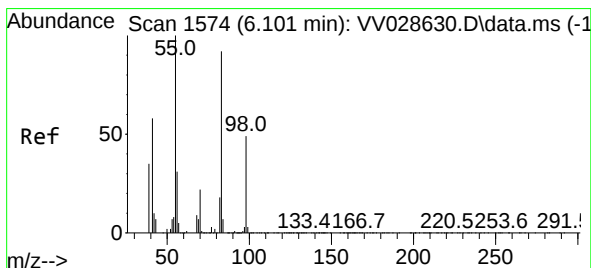
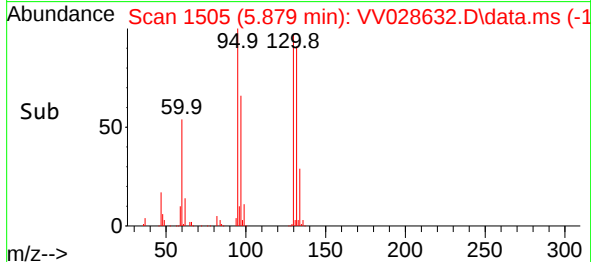
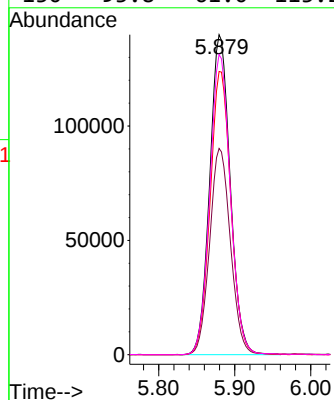
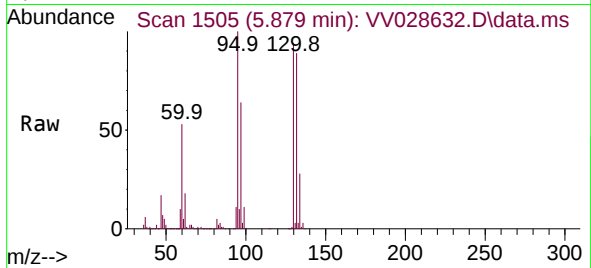




#34
Trichloroethene
Concen: 16.869 ug/L
RT: 5.879 min Scan# 1
Delta R.T. -0.013 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

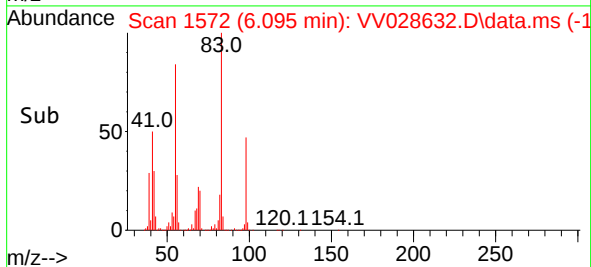
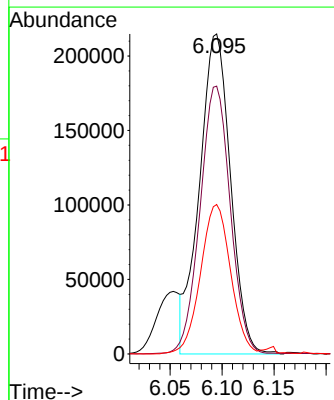
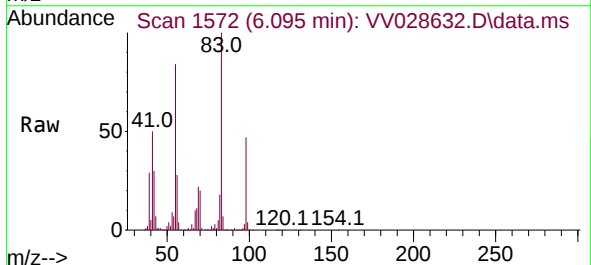
Instrument :
MSVOA_V
ClientSampleId :
VSTD020268

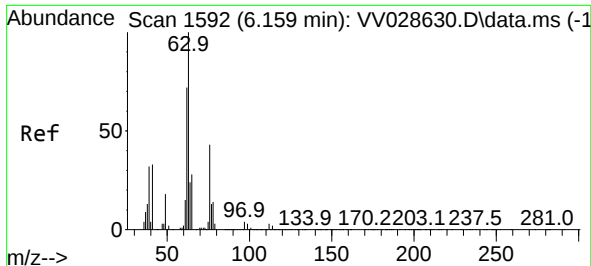
Tgt Ion: 95 Resp: 262170
Ion Ratio Lower Upper
95 100
97 64.4 43.5 80.9
132 88.5 56.5 104.9
130 93.8 61.0 113.2



#35
Methylcyclohexane
Concen: 17.304 ug/L
RT: 6.095 min Scan# 1572
Delta R.T. -0.006 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

Tgt Ion: 83 Resp: 447308
Ion Ratio Lower Upper
83 100
55 81.5 70.0 105.0
98 45.2 35.6 53.4





#37

1,2-Dichloropropane

Concen: 17.914 ug/L

RT: 6.156 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV028632.D

Acq: 20 Oct 2022 12:50

Instrument :

MSVOA_V

ClientSampleId :

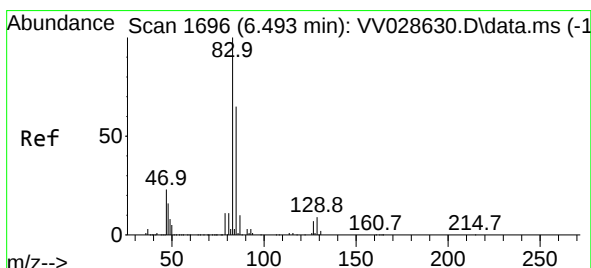
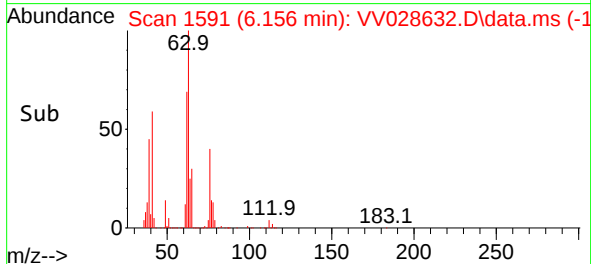
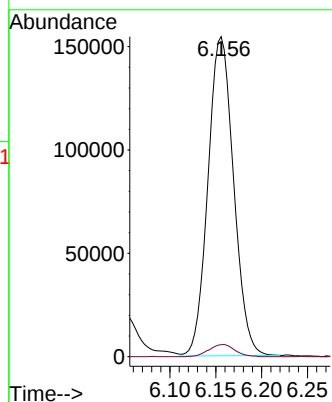
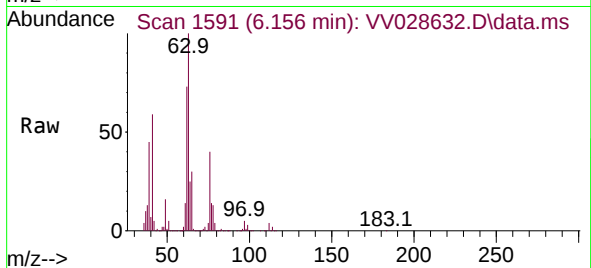
VSTD020268

Tgt Ion: 63 Resp: 300432

Ion Ratio Lower Upper

63 100

112 3.9 3.4 5.2



#38

Bromodichloromethane

Concen: 18.469 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.010 min

Lab File: VV028632.D

Acq: 20 Oct 2022 12:50

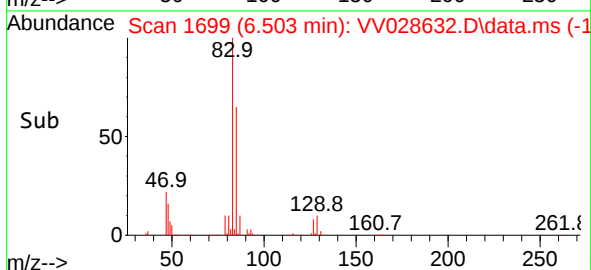
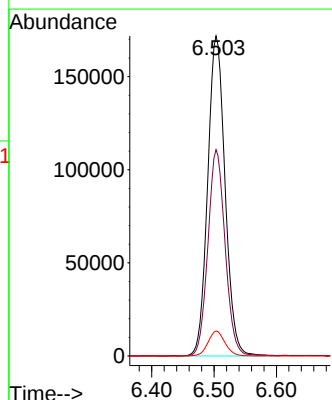
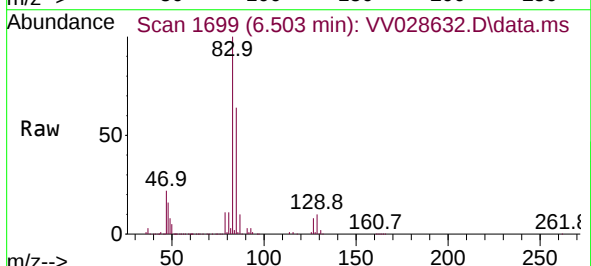
Tgt Ion: 83 Resp: 333754

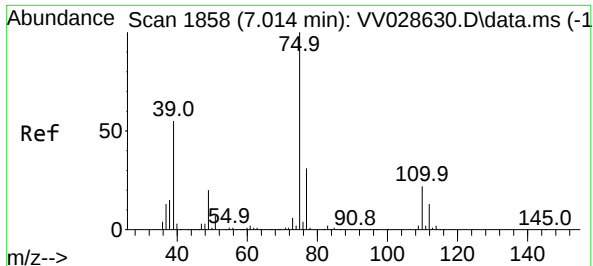
Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.9

127 7.8 5.7 8.5





#39

cis-1,3-Dichloropropene

Concen: 19.586 ug/L

RT: 7.037 min Scan# 1858

Delta R.T. 0.023 min

Lab File: VV028632.D

Acq: 20 Oct 2022 12:50

Instrument :

MSVOA_V

ClientSampleId :

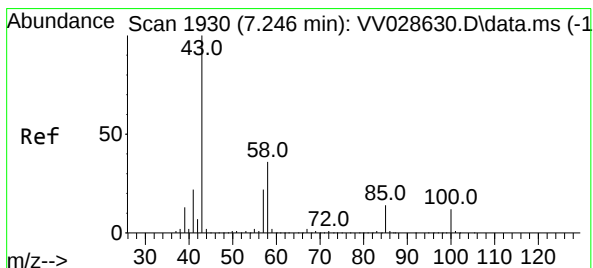
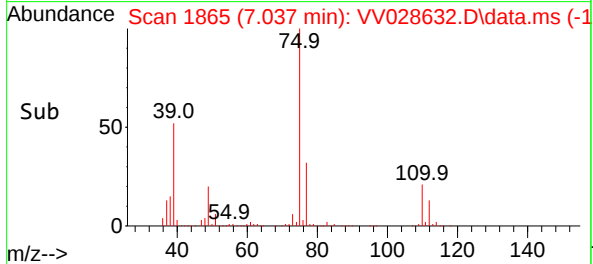
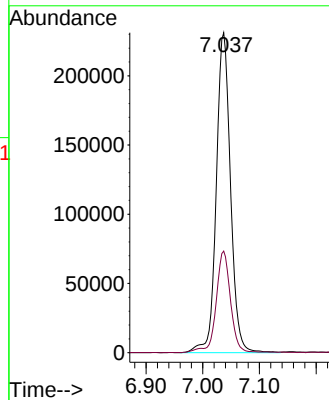
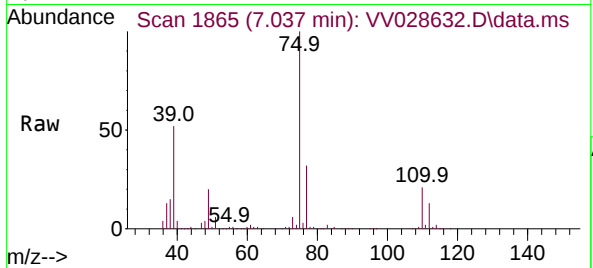
VSTD020268

Tgt Ion: 75 Resp: 403669

Ion Ratio Lower Upper

75 100

77 31.8 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 211.190 ug/L

RT: 7.259 min Scan# 1934

Delta R.T. 0.013 min

Lab File: VV028632.D

Acq: 20 Oct 2022 12:50

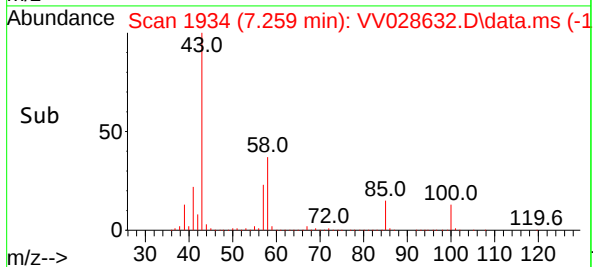
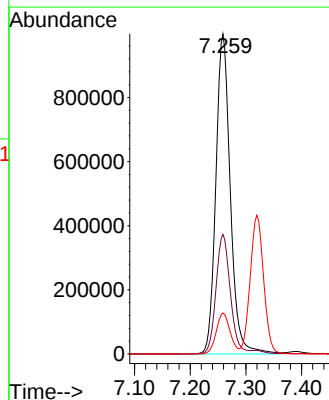
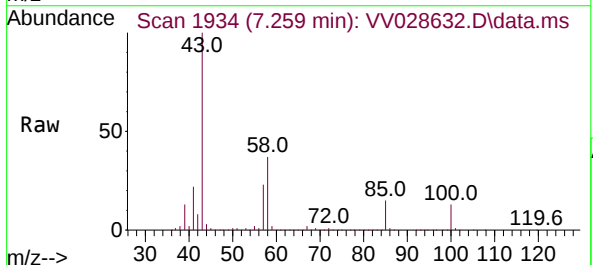
Tgt Ion: 43 Resp: 1802820

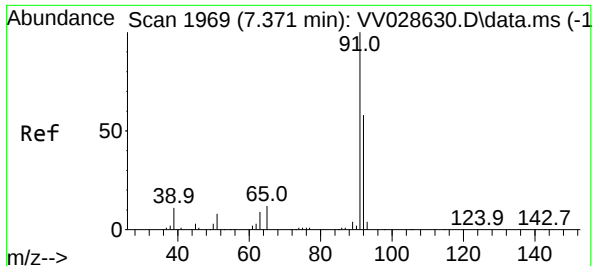
Ion Ratio Lower Upper

43 100

58 36.8 29.6 44.4

100 12.3 9.4 14.0





#42

Toluene

Concen: 21.374 ug/L

RT: 7.391 min Scan# 1969

Delta R.T. 0.019 min

Lab File: VV028632.D

Acq: 20 Oct 2022 12:50

Instrument :

MSVOA_V

ClientSampleId :

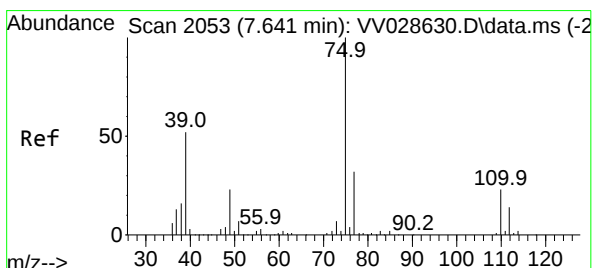
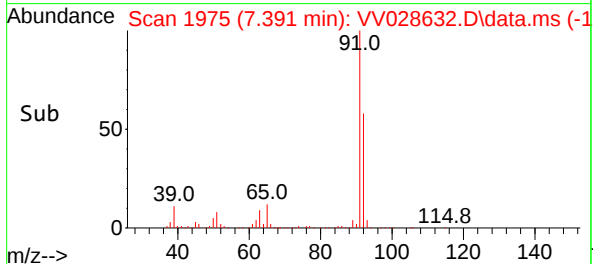
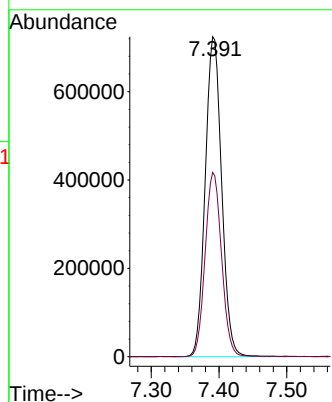
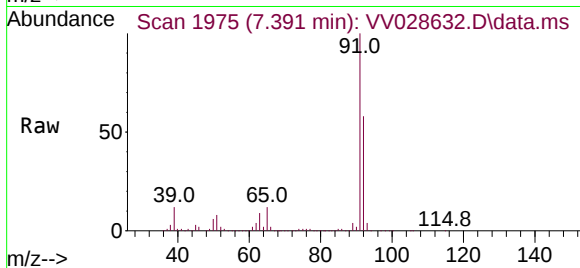
VSTD020268

Tgt Ion: 91 Resp: 1218187

Ion Ratio Lower Upper

91 100

92 57.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 21.480 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. 0.016 min

Lab File: VV028632.D

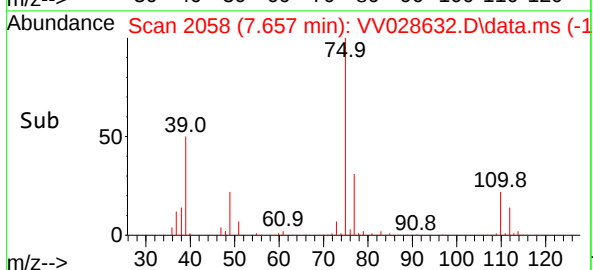
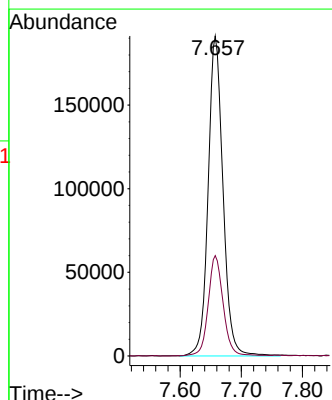
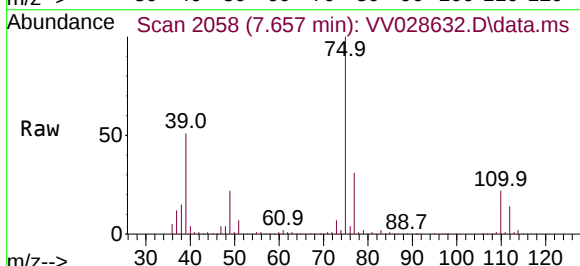
Acq: 20 Oct 2022 12:50

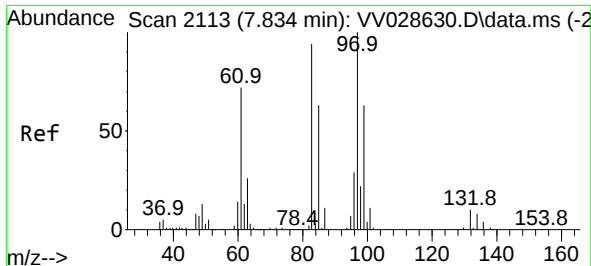
Tgt Ion: 75 Resp: 323052

Ion Ratio Lower Upper

75 100

77 31.4 22.6 42.0

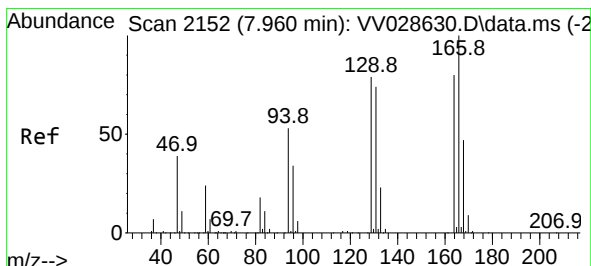
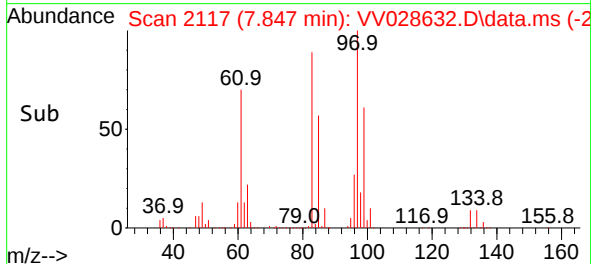
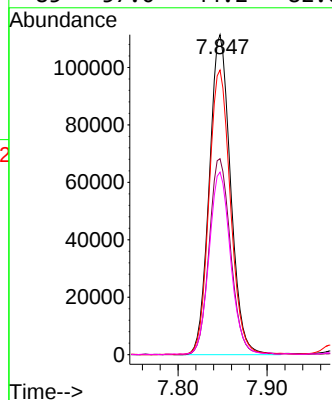
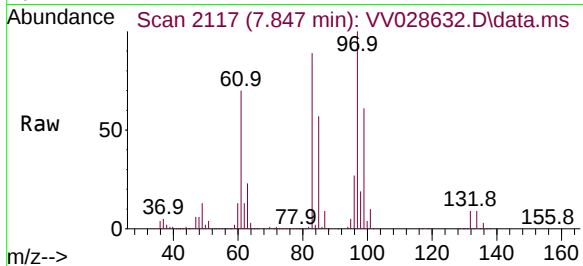




#45
1,1,2-Trichloroethane
Concen: 21.572 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.013 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

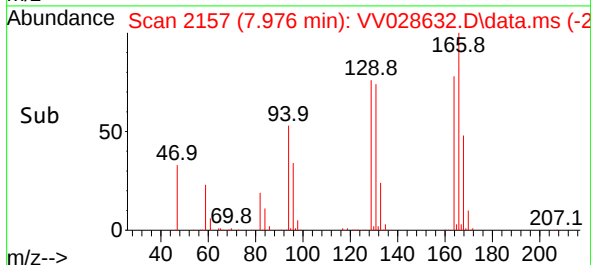
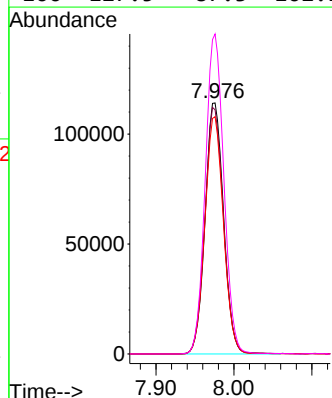
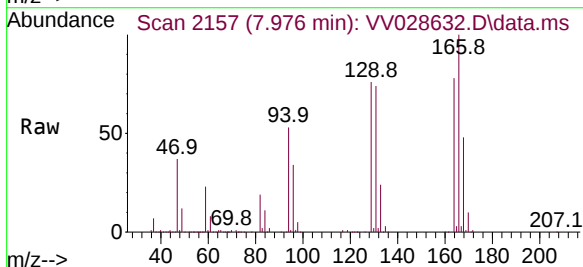
Instrument :
MSVOA_V
ClientSampleId :
VSTD020268

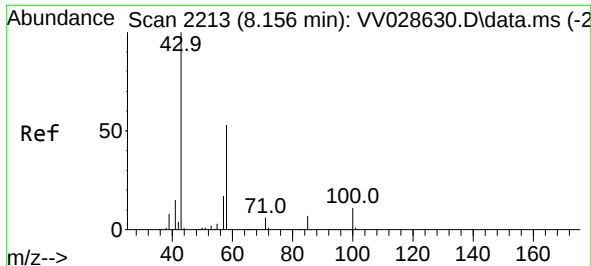
Tgt Ion: 97	Resp: 184746
Ion Ratio	Lower Upper
97 100	
99 61.3	44.0 81.6
83 88.9	66.2 123.0
85 57.0	44.2 82.0



#47
Tetrachloroethene
Concen: 20.085 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.016 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

Tgt	Ion:164	Resp:	188004
Ion	Ratio	Lower	Upper
164	100		
129	97.3	69.2	128.6
131	94.5	64.2	119.2
166	127.5	87.3	162.1



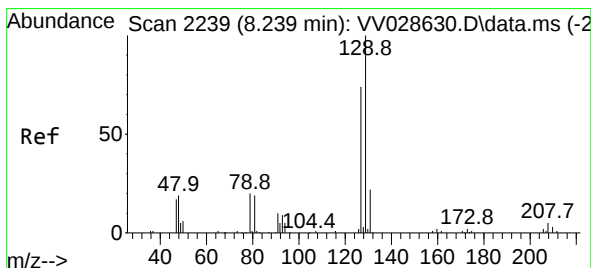
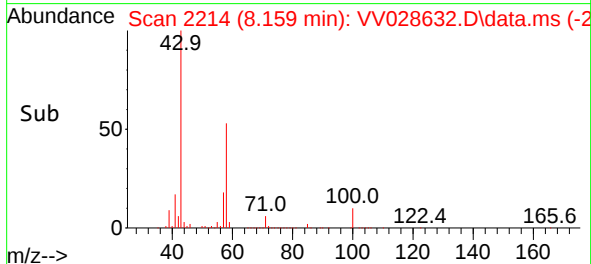
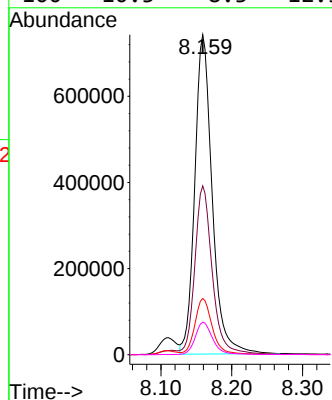
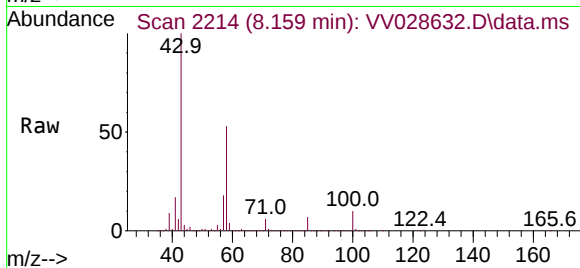


#48
2-Hexanone
Concen: 220.148 ug/L
RT: 8.159 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD020268

Tgt Ion: 43 Resp: 1269485

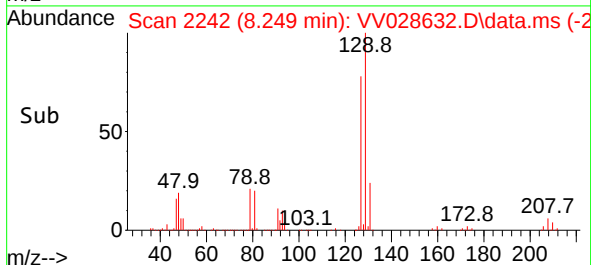
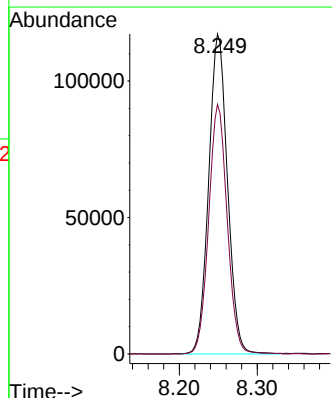
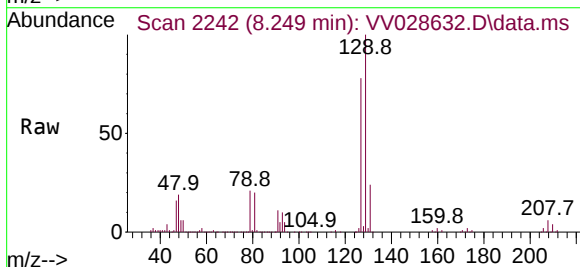
Ion	Ratio	Lower	Upper
43	100		
58	52.9	40.6	60.8
57	17.4	13.8	20.8
100	10.3	8.3	12.5

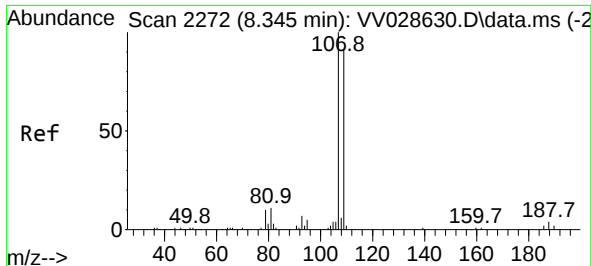


#49
Dibromochloromethane
Concen: 21.931 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.010 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

Tgt Ion: 129 Resp: 196359

Ion	Ratio	Lower	Upper
129	100		
127	78.0	51.6	95.8

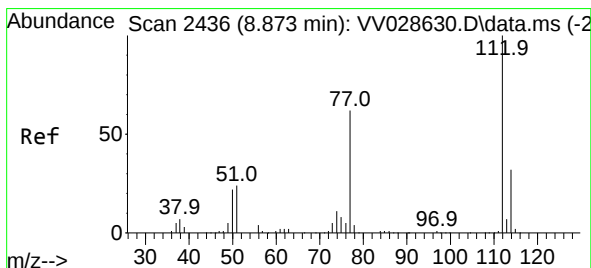
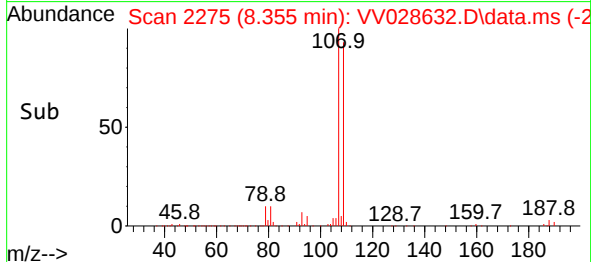
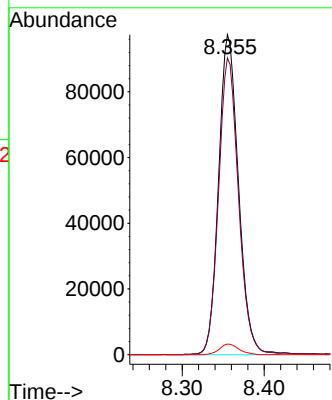
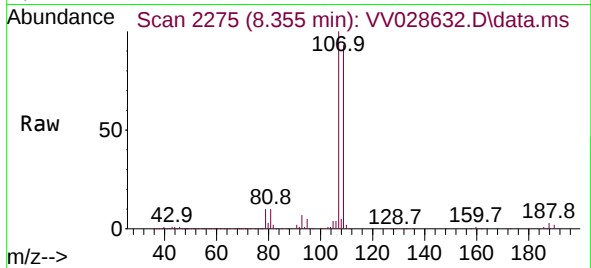




#50
1,2-Dibromoethane
Concen: 21.777 ug/L
RT: 8.355 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

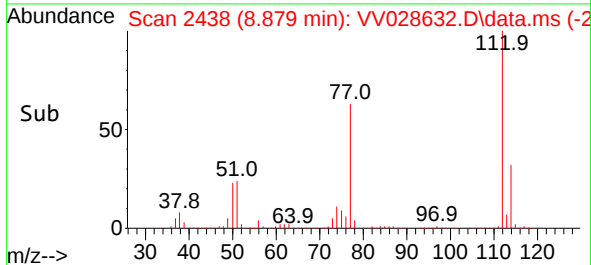
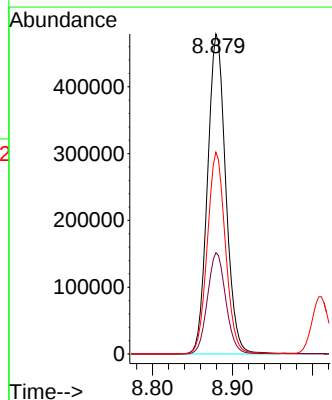
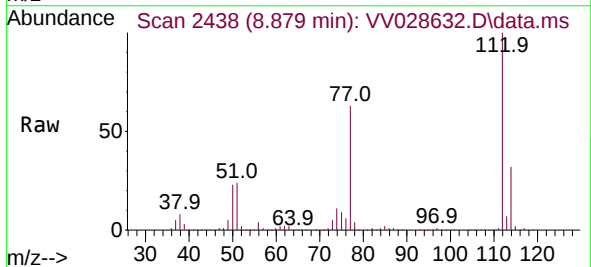
Instrument :
MSVOA_V
ClientSampleId :
VSTD020268

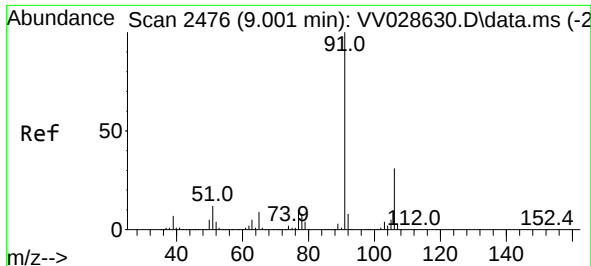
Tgt Ion:107 Resp: 164181
Ion Ratio Lower Upper
107 100
109 92.8 64.0 118.8
188 3.3 2.9 4.3



#51
Chlorobenzene
Concen: 21.558 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.006 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

Tgt Ion:112 Resp: 759447
Ion Ratio Lower Upper
112 100
114 31.7 22.0 41.0
77 63.1 50.0 75.0





#52

Ethylbenzene

Concen: 22.456 ug/L

RT: 9.011 min Scan# 2476

Delta R.T. 0.010 min

Lab File: VV028632.D

Acq: 20 Oct 2022 12:50

Instrument :

MSVOA_V

ClientSampleId :

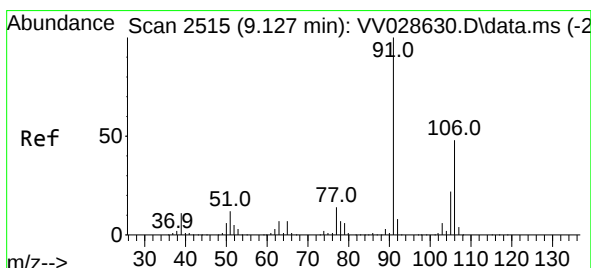
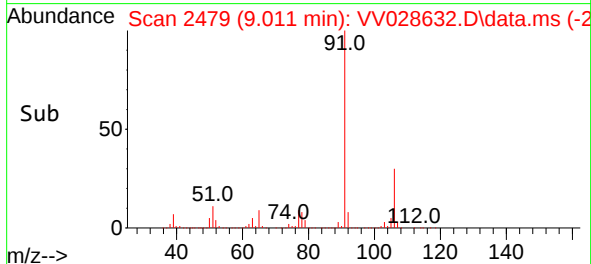
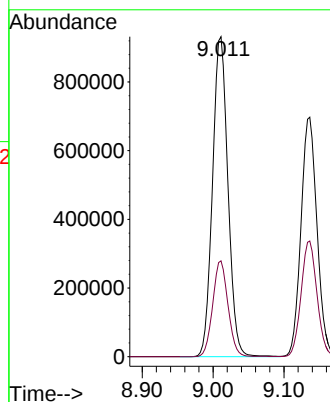
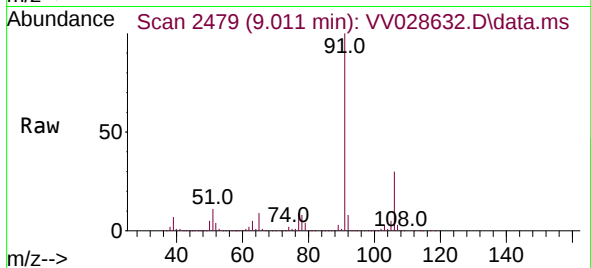
VSTD020268

Tgt Ion: 91 Resp: 1408153

Ion Ratio Lower Upper

91 100

106 30.0 21.3 39.6



#53

m,p-Xylene

Concen: 22.217 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.010 min

Lab File: VV028632.D

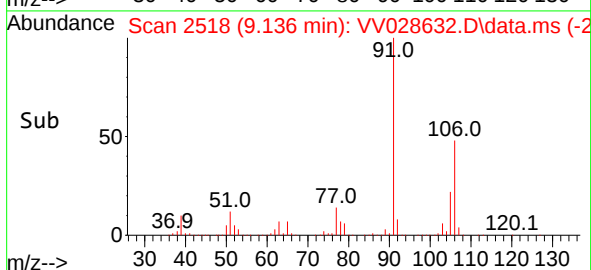
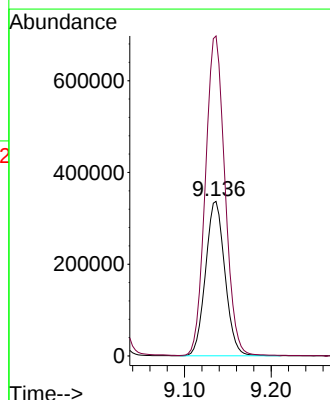
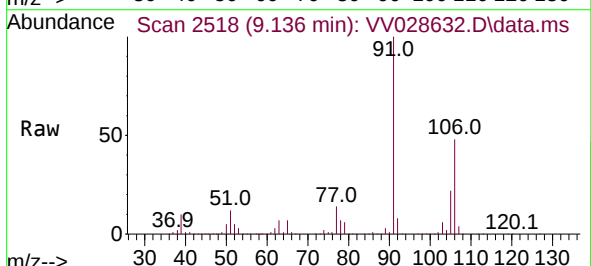
Acq: 20 Oct 2022 12:50

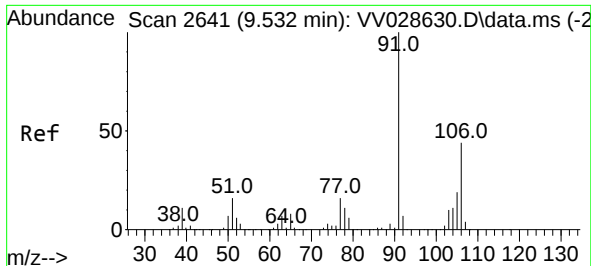
Tgt Ion: 106 Resp: 523264

Ion Ratio Lower Upper

106 100

91 206.9 145.5 270.1

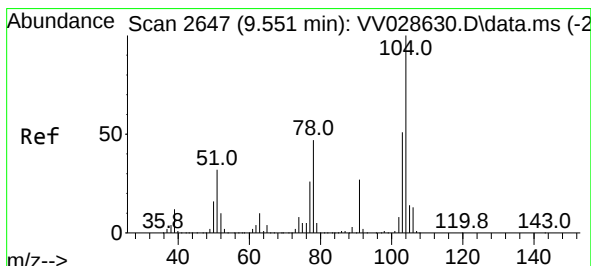
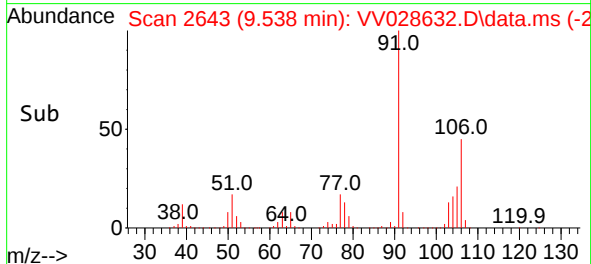
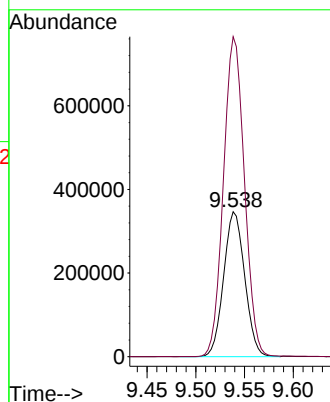
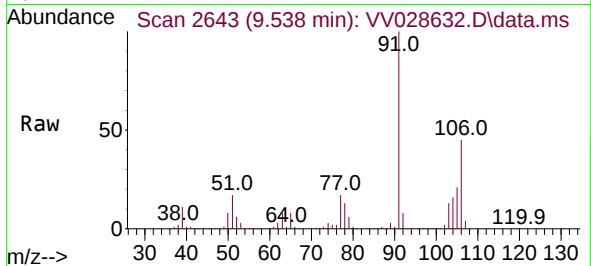




#54
o-Xylene
Concen: 23.012 ug/L
RT: 9.538 min Scan# 2641
Delta R.T. 0.006 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

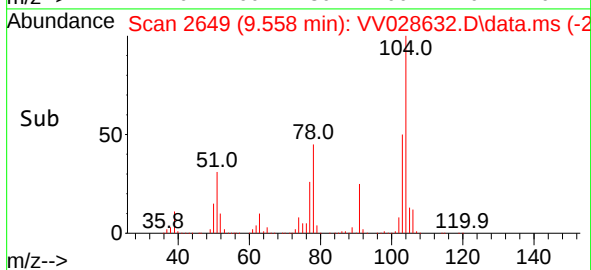
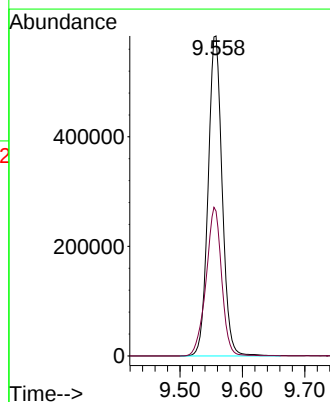
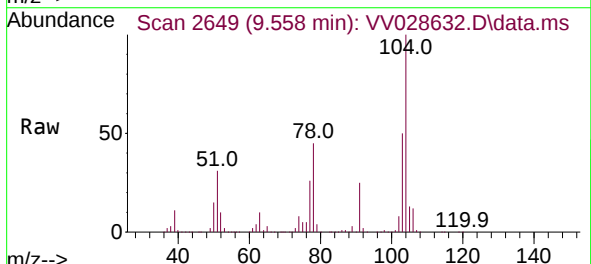
Instrument :
MSVOA_V
ClientSampleId :
VSTD020268

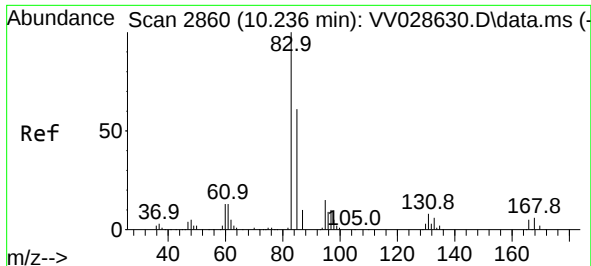
Tgt Ion:106 Resp: 521386
Ion Ratio Lower Upper
106 100
91 220.7 159.0 295.4



#55
Styrene
Concen: 23.627 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.006 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

Tgt Ion:104 Resp: 914393
Ion Ratio Lower Upper
104 100
78 45.3 32.8 61.0

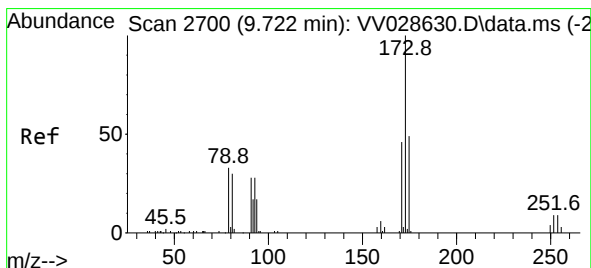
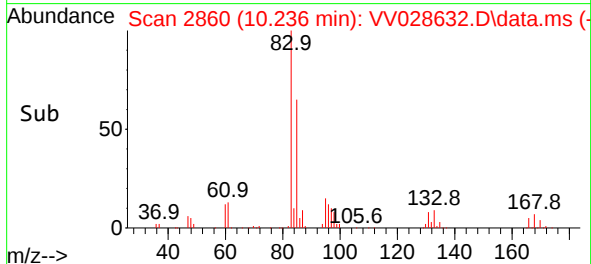
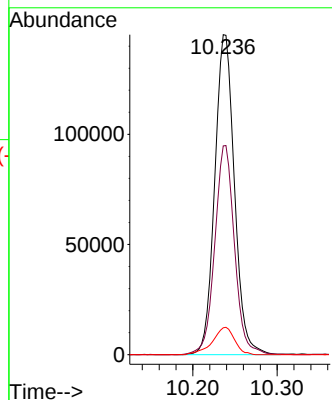
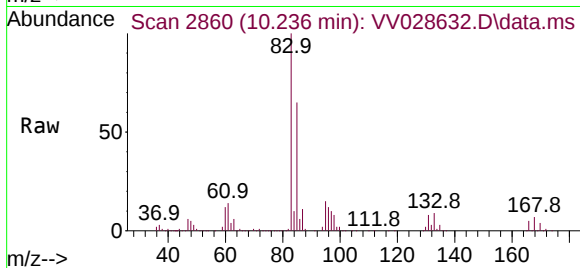




#57
1,1,2,2-Tetrachloroethane
Concen: 22.130 ug/L
RT: 10.236 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

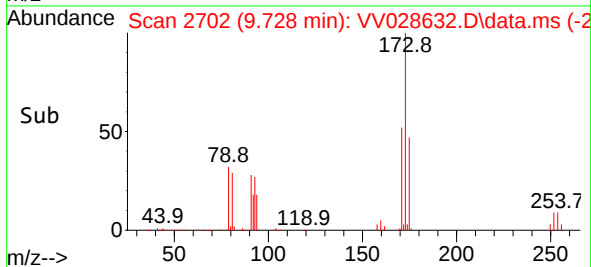
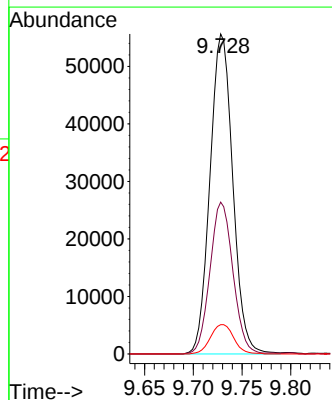
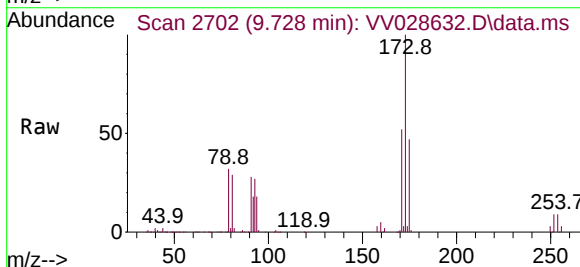
Instrument :
MSVOA_V
ClientSampleId :
VSTD020268

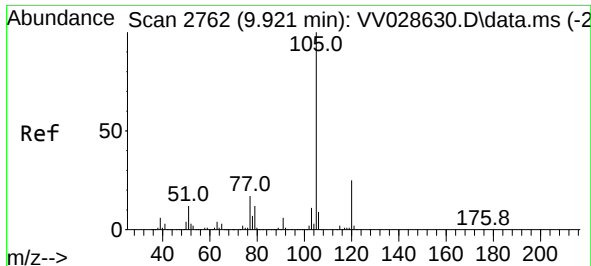
Tgt Ion: 83 Resp: 235544
Ion Ratio Lower Upper
83 100
85 65.2 43.0 80.0
131 8.4 6.5 9.7



#59
Bromoform
Concen: 20.602 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.006 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

Tgt Ion: 173 Resp: 90582
Ion Ratio Lower Upper
173 100
175 47.7 39.8 59.8
254 9.4 7.3 10.9

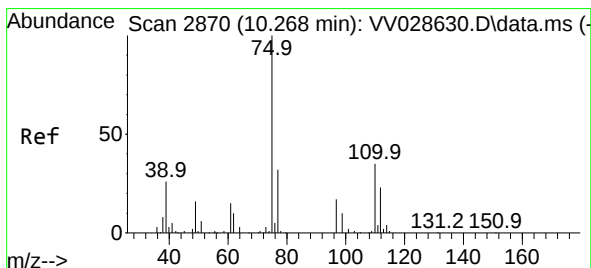
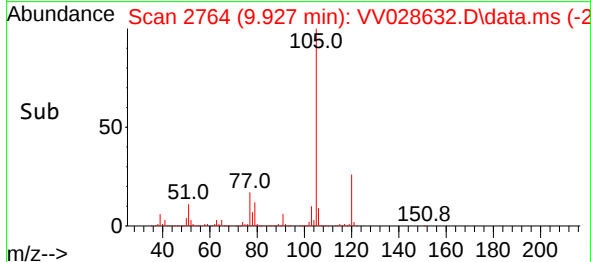
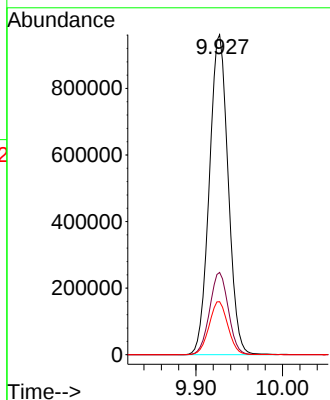
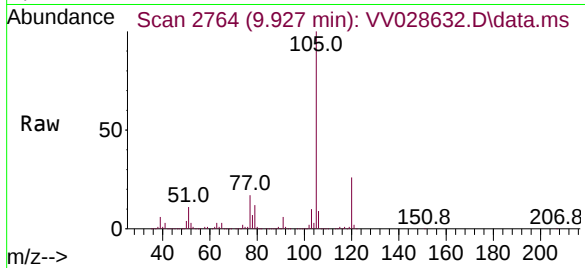




#60
Isopropylbenzene
Concen: 22.101 ug/L
RT: 9.927 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

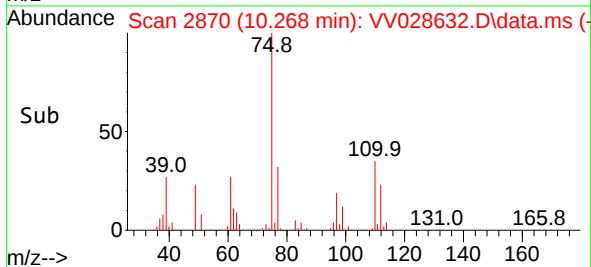
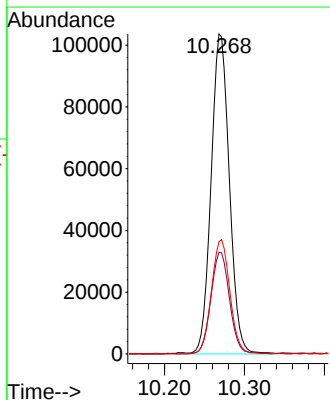
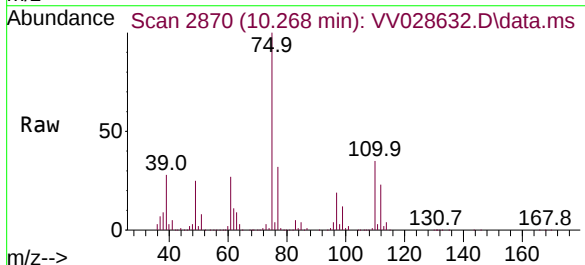
Instrument :
MSVOA_V
ClientSampleId :
VSTD020268

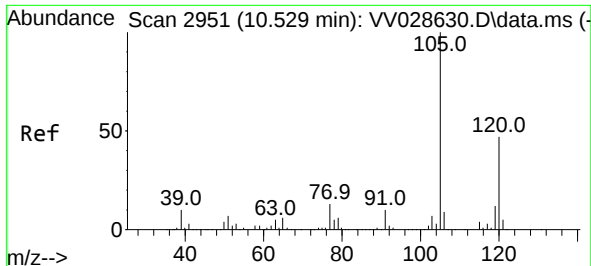
Tgt Ion:105 Resp: 1446720
Ion Ratio Lower Upper
105 100
120 25.6 20.1 30.1
77 16.6 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 20.250 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.000 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

Tgt Ion: 75 Resp: 164076
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8
110 36.1 27.9 41.9





#62

1,3,5-Trimethylbenzene

Concen: 21.114 ug/L

RT: 10.532 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VV028632.D

Acq: 20 Oct 2022 12:50

Instrument :

MSVOA_V

ClientSampleId :

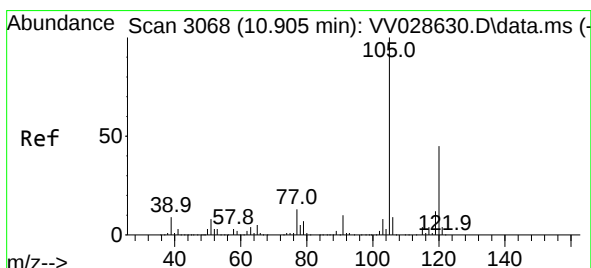
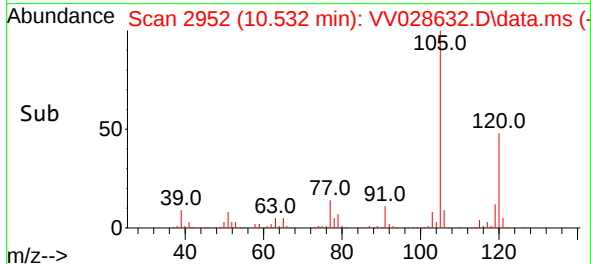
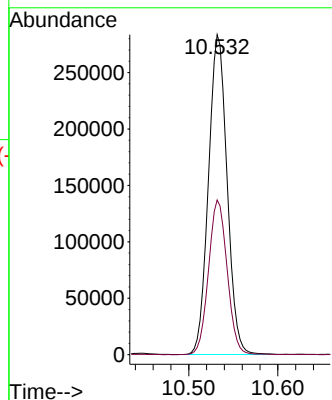
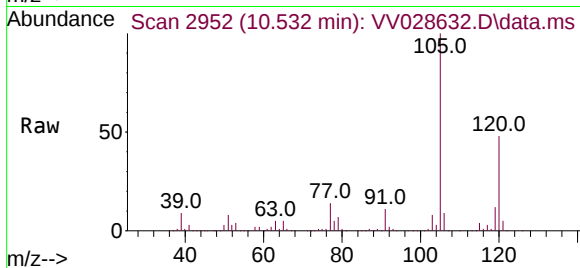
VSTD020268

Tgt Ion:105 Resp: 411215

Ion Ratio Lower Upper

105 100

120 48.4 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 22.146 ug/L

RT: 10.908 min Scan# 3069

Delta R.T. 0.003 min

Lab File: VV028632.D

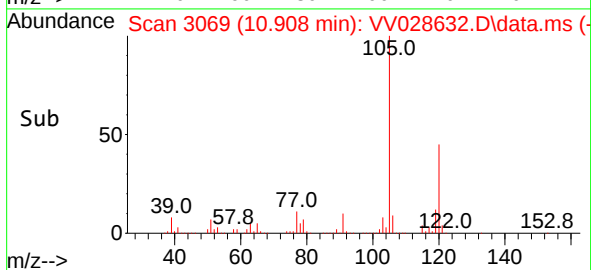
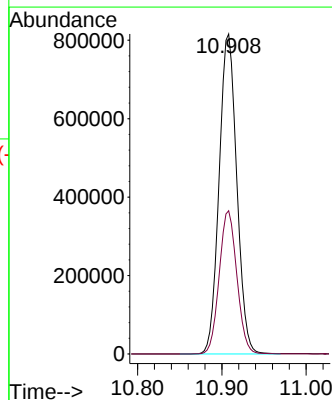
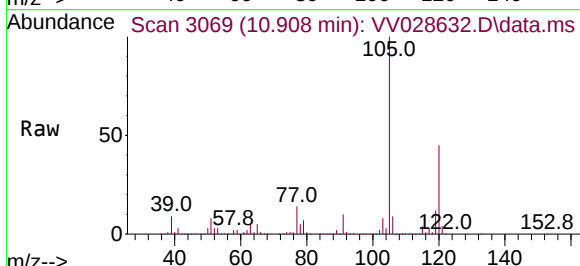
Acq: 20 Oct 2022 12:50

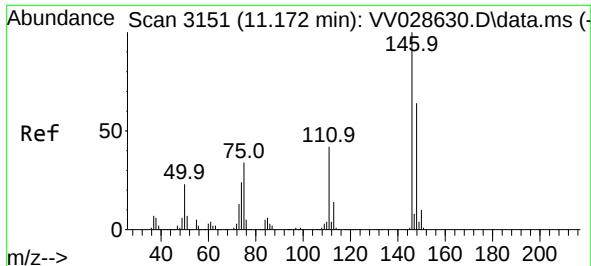
Tgt Ion:105 Resp: 1183292

Ion Ratio Lower Upper

105 100

120 44.8 36.2 54.2

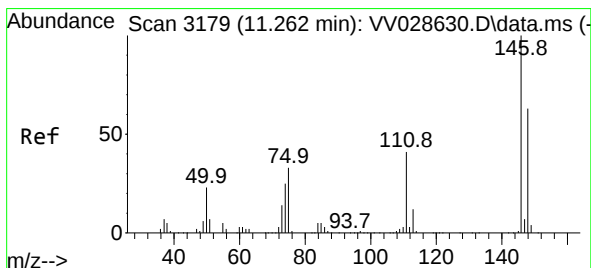
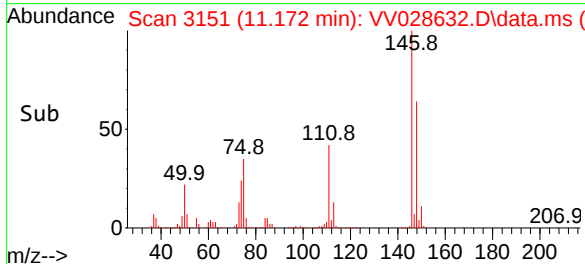
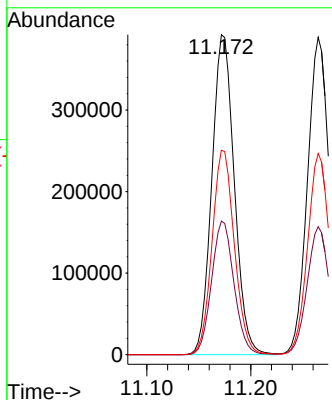
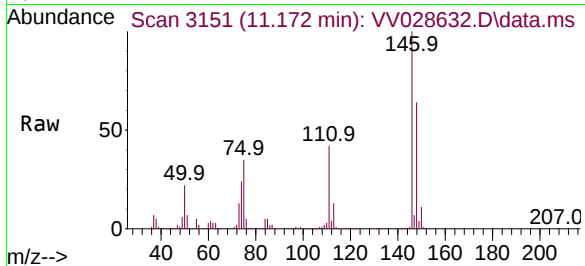




#64
1,3-Dichlorobenzene
Concen: 21.366 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

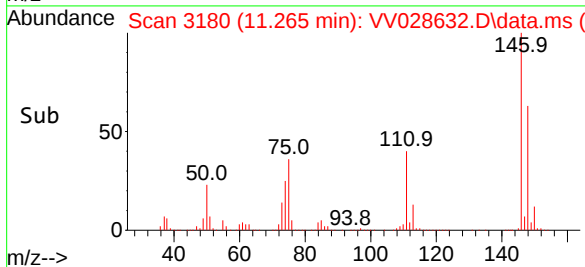
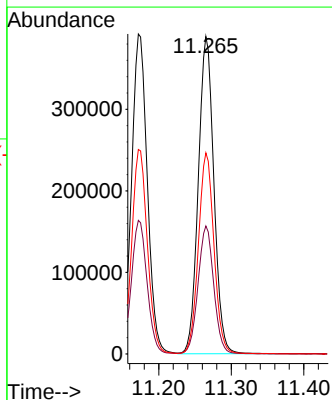
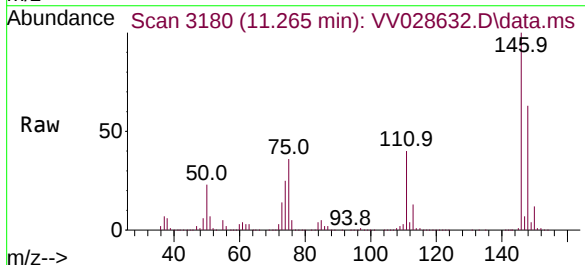
Instrument :
MSVOA_V
ClientSampleId :
VSTD020268

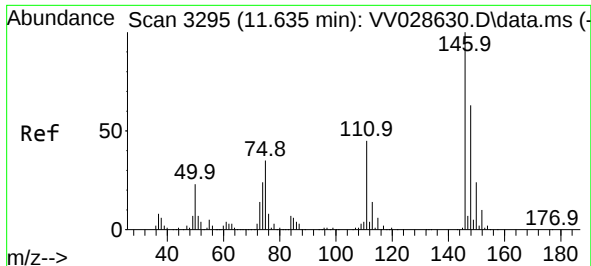
Tgt Ion:146 Resp: 589496
Ion Ratio Lower Upper
146 100
111 41.8 29.0 53.9
148 63.9 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 21.384 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

Tgt Ion:146 Resp: 580440
Ion Ratio Lower Upper
146 100
111 40.3 28.6 53.2
148 63.4 44.3 82.3

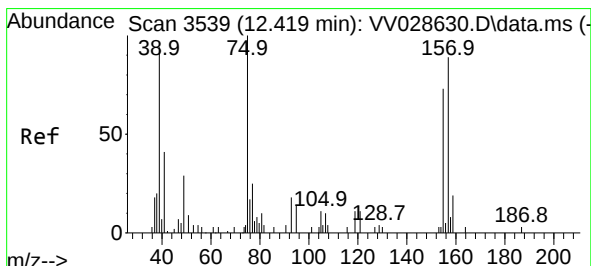
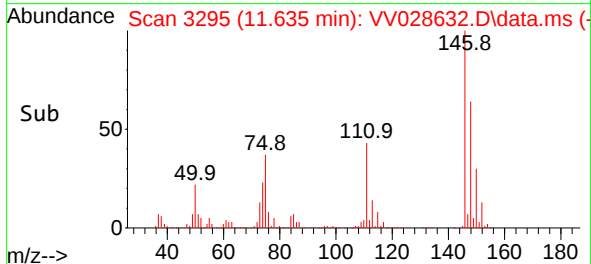
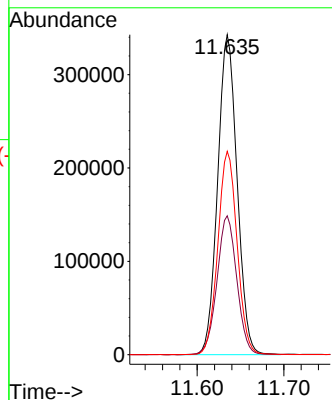
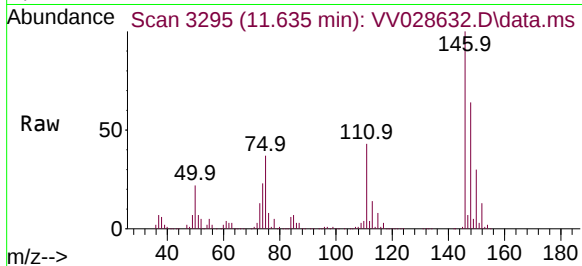




#67
1,2-Dichlorobenzene
Concen: 21.519 ug/L
RT: 11.635 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

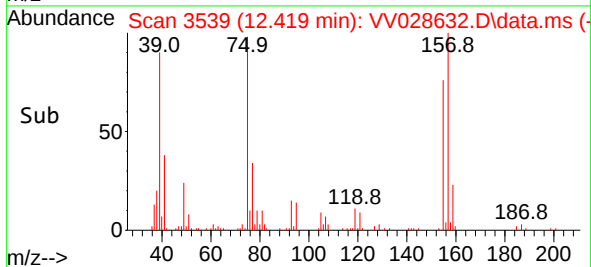
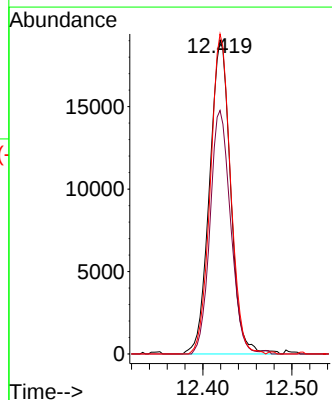
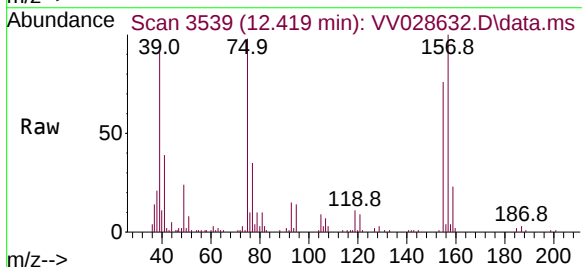
Instrument :
MSVOA_V
ClientSampleId :
VSTD020268

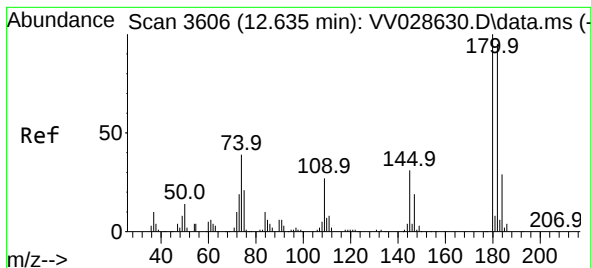
Tgt Ion:146 Resp: 534530
Ion Ratio Lower Upper
146 100
111 43.4 36.2 54.4
148 63.6 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 19.546 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. 0.000 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

Tgt Ion: 75 Resp: 31253
Ion Ratio Lower Upper
75 100
155 77.6 58.2 87.2
157 101.9 71.5 107.3





#69

1,3,5-Trichlorobenzene

Concen: 21.788 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. 0.000 min

Lab File: VV028632.D

Acq: 20 Oct 2022 12:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD020268

Tgt Ion:180 Resp: 434159

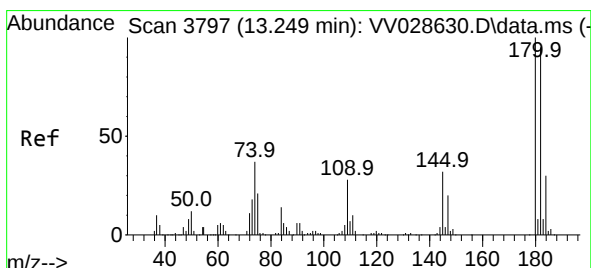
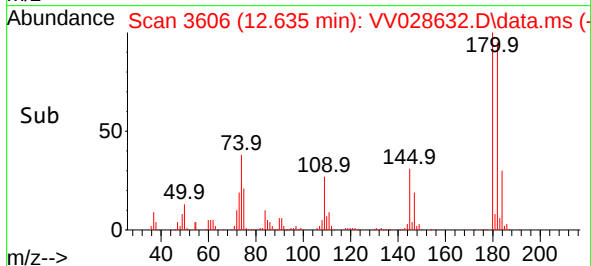
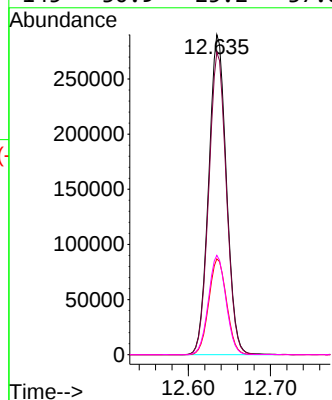
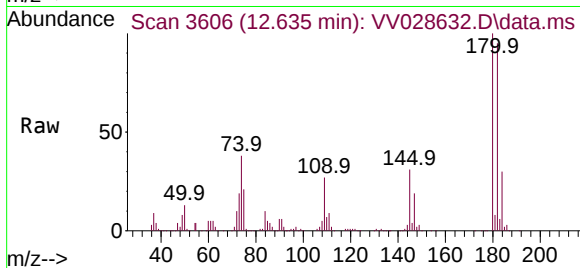
Ion Ratio Lower Upper

180 100

182 94.3 76.6 114.8

184 30.2 24.3 36.5

145 30.9 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 22.860 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.000 min

Lab File: VV028632.D

Acq: 20 Oct 2022 12:50

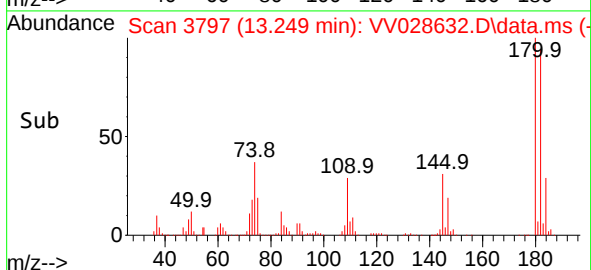
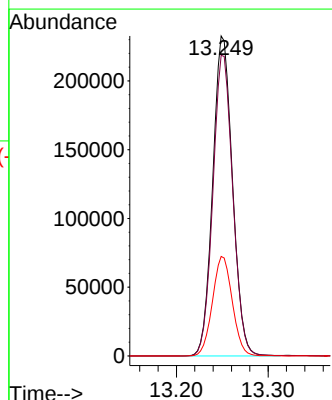
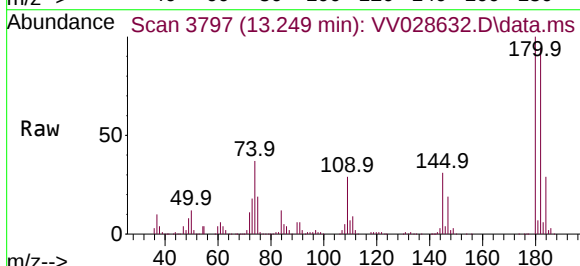
Tgt Ion:180 Resp: 348388

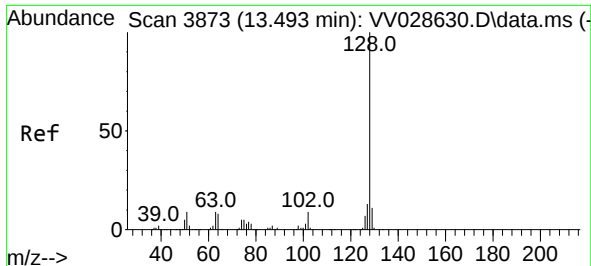
Ion Ratio Lower Upper

180 100

182 94.7 74.7 112.1

145 31.2 25.5 38.3

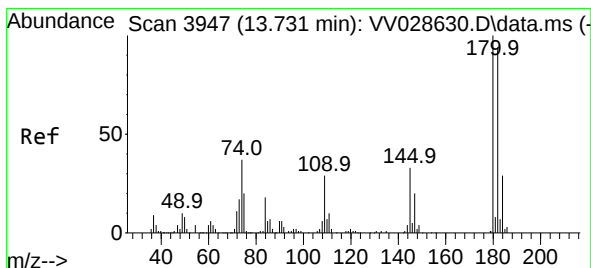
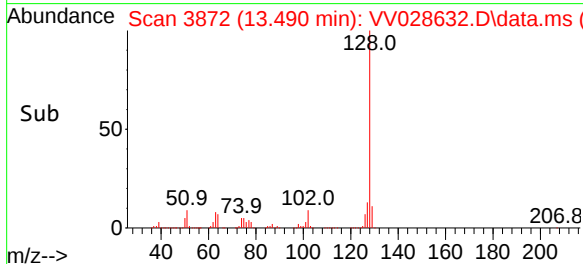
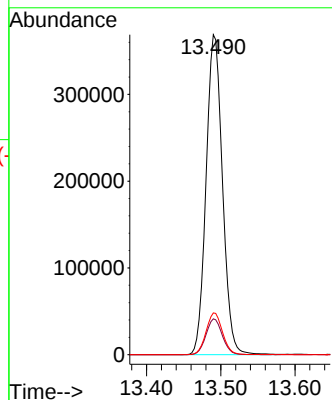
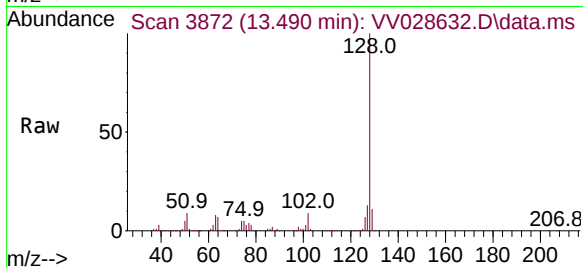




#71
Naphthalene
Concen: 24.949 ug/L
RT: 13.490 min Scan# 3873
Delta R.T. -0.003 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD020268

Tgt Ion:128 Resp: 565496
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 23.627 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VV028632.D
Acq: 20 Oct 2022 12:50

Tgt Ion:180 Resp: 300465
Ion Ratio Lower Upper
180 100
182 94.7 73.4 110.0
145 33.2 26.3 39.5

