

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
 Data File : VV028550.D
 Acq On : 14 Oct 2022 14:14
 Operator : SY/MD
 Sample : VSTD02062
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02062

Quant Time: Oct 15 01:44:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 15 01:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	255616	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.844	117	239140	5.000	ug/L	-0.01
58) 1,4-Dichlorobenzene-d4	11.239	152	124533	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	441547	22.680	ug/L	0.00
7) Chloroethane-d5	1.564	69	376394	23.053	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	815604	22.636	ug/L	0.00
20) 2-Butanone-d5	3.886	46	726510	200.978	ug/L	-0.06
24) Chloroform-d	4.336	84	706957	20.634	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.021	65	339078	20.258	ug/L	-0.01
32) Benzene-d6	5.040	84	1411839	20.107	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.059	67	456387	22.570	ug/L	0.01
41) Toluene-d8	7.307	98	1245575	20.486	ug/L	-0.02
43) trans-1,3-Dichloroprop...	7.612	79	177530	23.901	ug/L	-0.02
46) 2-Hexanone-d5	8.082	63	817839	264.634	ug/L	-0.03
56) 1,1,2,2-Tetrachloroeth...	10.207	84	312483	21.619	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.616	152	420002	19.636	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	296742	16.033	ug/L	98
3) Chloromethane	1.237	50	445281	22.499	ug/L	98
5) Vinyl chloride	1.307	62	464882	21.687	ug/L	98
6) Bromomethane	1.519	94	229584	22.822	ug/L	96
8) Chloroethane	1.581	64	309871	21.983	ug/L	98
9) Trichlorofluoromethane	1.748	101	598902	19.491	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	356992	20.739	ug/L	100
12) 1,1-Dichloroethene	2.111	96	332876	19.435	ug/L	91
13) Acetone	2.185	43	524671	230.721	ug/L	88
14) Carbon disulfide	2.288	76	855651	16.144	ug/L	100
15) Methyl Acetate	2.433	43	135488	21.055	ug/L	97
16) Methylene chloride	2.500	84	334547	16.561	ug/L	93
17) Methyl tert-butyl Ether	2.761	73	777841	20.738	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	330244	18.295	ug/L	99
19) 1,1-Dichloroethane	3.179	63	711037	21.803	ug/L	99
21) 2-Butanone	3.970	43	950946	267.706	ug/L	86
22) cis-1,2-Dichloroethene	3.899	96	372490	19.870	ug/L #	95
23) Bromochloromethane	4.236	128	137460	17.357	ug/L	90
25) Chloroform	4.365	83	678821	19.588	ug/L	99
27) 1,2-Dichloroethane	5.121	62	374753	19.321	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	567961	18.633	ug/L	97
30) Cyclohexane	4.667	56	642315	22.443	ug/L	96
31) Carbon tetrachloride	4.818	117	461388	17.152	ug/L	98
33) Benzene	5.092	78	1481816	19.910	ug/L	100
34) Trichloroethene	5.905	95	366866	20.420	ug/L	98
35) Methylcyclohexane	6.124	83	630319	21.305	ug/L	98
37) 1,2-Dichloropropane	6.166	63	400842	23.450	ug/L	98
38) Bromodichloromethane	6.500	83	470519	20.709	ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	576172	23.800	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	2335229	279.818	ug/L	98
42) Toluene	7.381	91	1574032	21.095	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	470634	23.227	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
 Data File : VV028550.D
 Acq On : 14 Oct 2022 14:14
 Operator : SY/MD
 Sample : VSTD02062
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02062

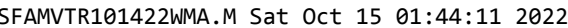
Quant Time: Oct 15 01:44:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 15 01:39:46 2022
 Response via : Initial Calibration

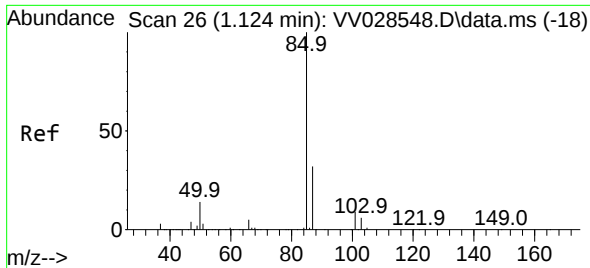
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.831	97	231617	19.199	ug/L	99
47) Tetrachloroethene	7.966	164	256325	17.330	ug/L	99
48) 2-Hexanone	8.133	43	1652518	290.151	ug/L	99
49) Dibromochloromethane	8.239	129	270799	18.569	ug/L	99
50) 1,2-Dibromoethane	8.346	107	209821	19.679	ug/L #	97
51) Chlorobenzene	8.873	112	962912	19.742	ug/L	99
52) Ethylbenzene	9.005	91	1784748	22.625	ug/L	99
53) m,p-Xylene	9.130	106	665570	21.671	ug/L	99
54) o-Xylene	9.535	106	651865	22.115	ug/L	97
55) Styrene	9.551	104	1124302	22.481	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	288984	21.172	ug/L	100
59) Bromoform	9.722	173	132694	17.453	ug/L	99
60) Isopropylbenzene	9.921	105	1794455	23.240	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	202213	20.952	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	536702	24.030	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	1498599	23.851	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	755314	20.595	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	739726	20.261	ug/L	97
67) 1,2-Dichlorobenzene	11.632	146	669630	20.098	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	44826	20.378	ug/L	95
69) 1,3,5-Trichlorobenzene	12.635	180	584839	20.259	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	471910	21.373	ug/L	97
71) Naphthalene	13.490	128	742134	21.223	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	388001	19.749	ug/L	99

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

Quant Time: Oct 15 01:44:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 15 01:39:46 2022
Response via : Initial Calibration

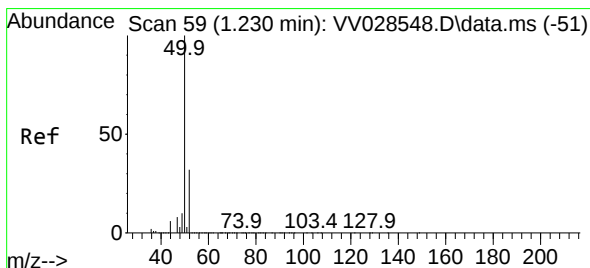
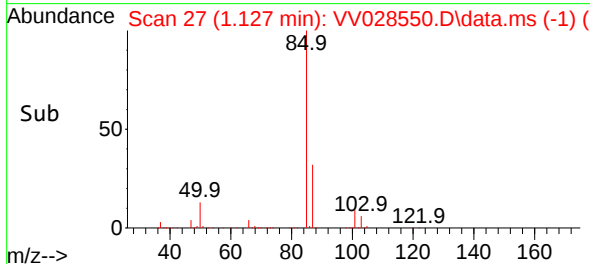
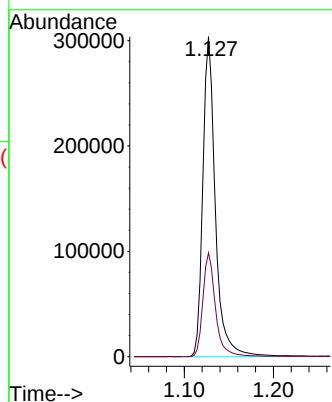
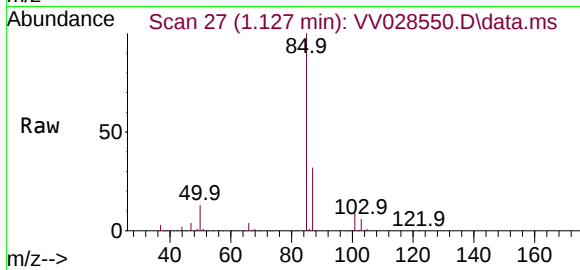




#2
 Dichlorodifluoromethane
 Concen: 16.033 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV028550.D
 Acq: 14 Oct 2022 14:14

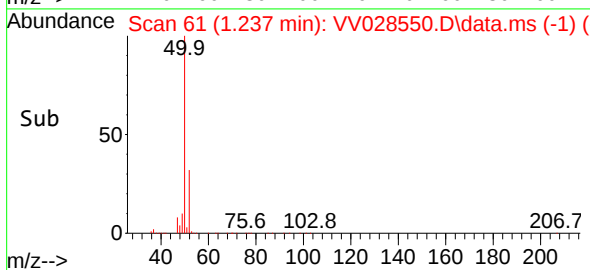
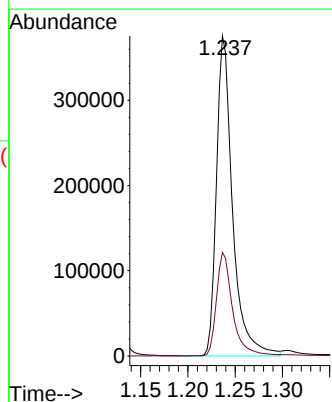
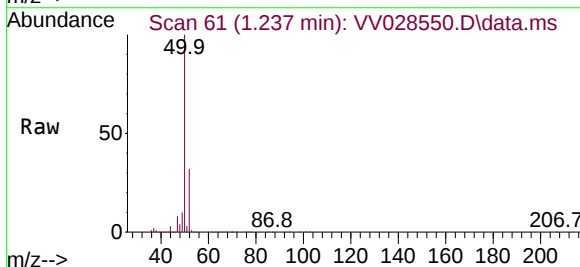
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020262

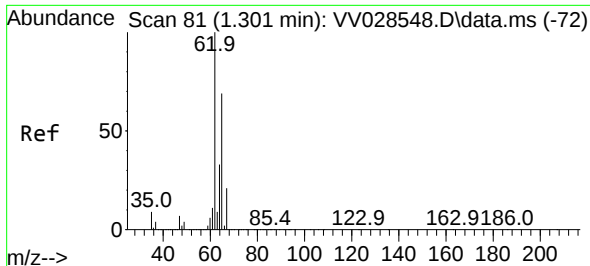
Tgt Ion: 85 Resp: 296742
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.4 38.2



#3
 Chloromethane
 Concen: 22.499 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VV028550.D
 Acq: 14 Oct 2022 14:14

Tgt Ion: 50 Resp: 445281
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.0 41.0

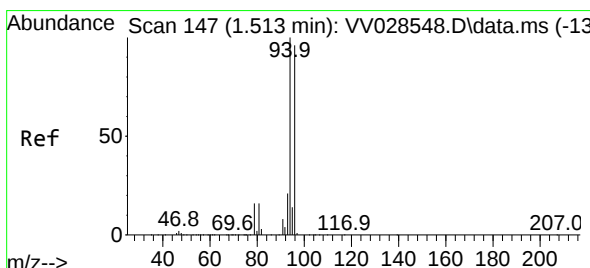
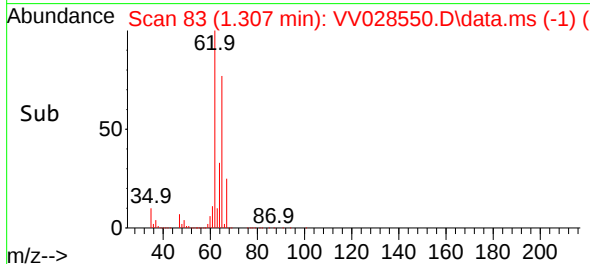
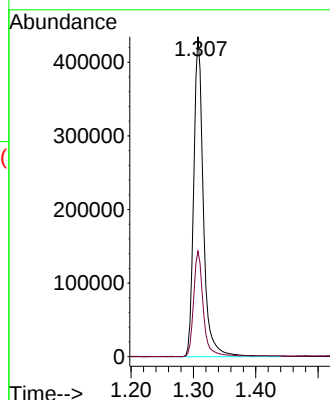
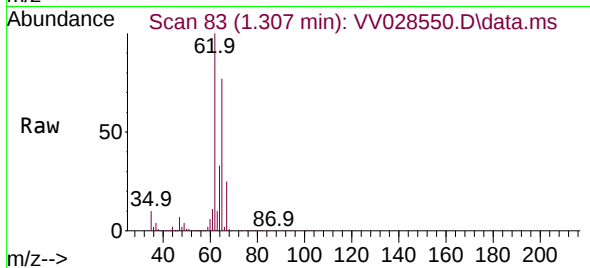




#5
 Vinyl chloride
 Concen: 21.687 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VV028550.D
 Acq: 14 Oct 2022 14:14

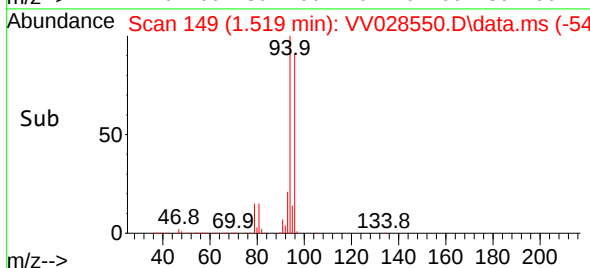
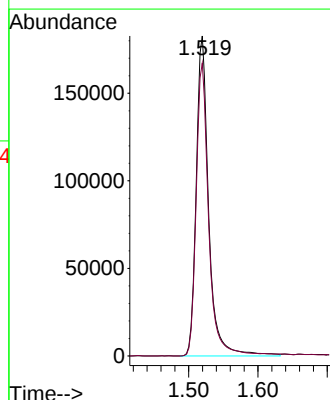
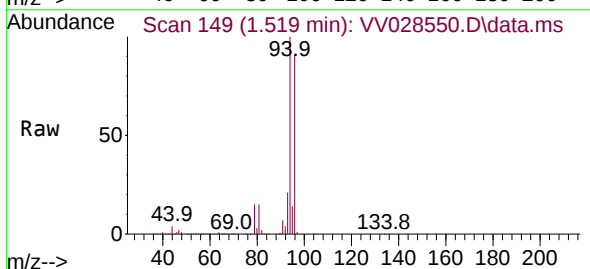
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020262

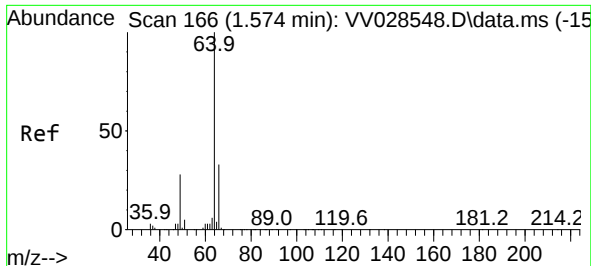
Tgt Ion: 62 Resp: 464882
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.7 44.1



#6
 Bromomethane
 Concen: 22.822 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VV028550.D
 Acq: 14 Oct 2022 14:14

Tgt Ion: 94 Resp: 229584
 Ion Ratio Lower Upper
 94 100
 96 91.5 67.0 124.4

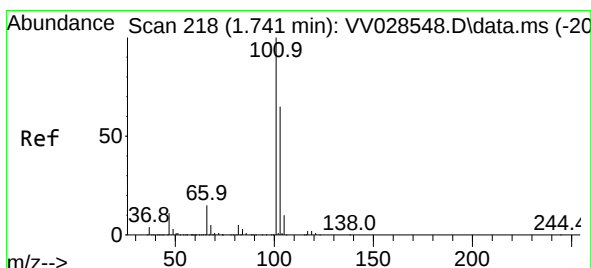
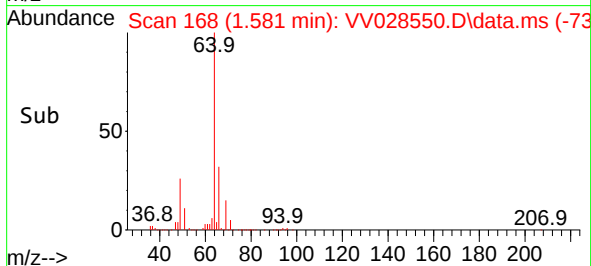
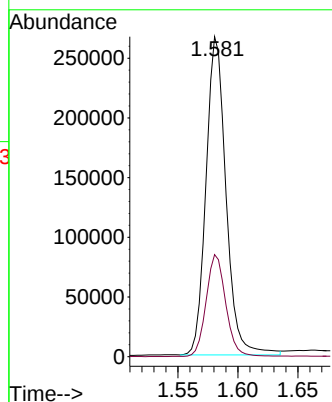
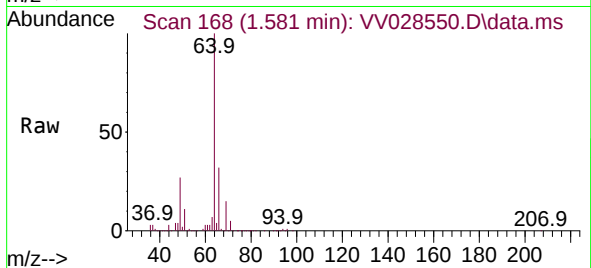




#8
Chloroethane
Concen: 21.983 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

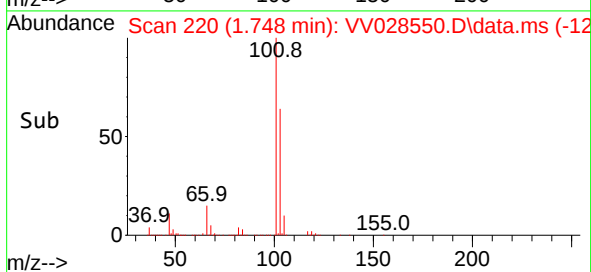
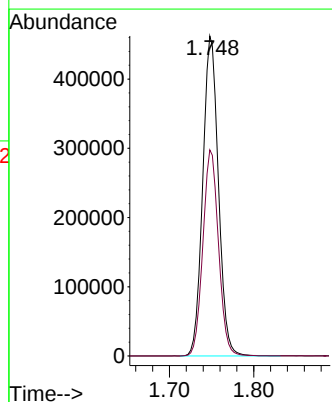
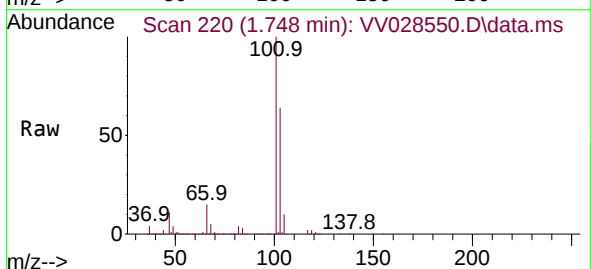
Instrument :
MSVOA_V
ClientSampleId :
VSTD020262

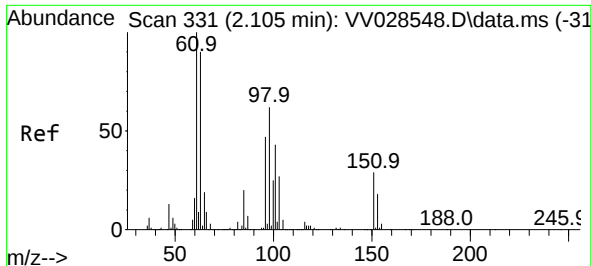
Tgt Ion: 64 Resp: 309871
Ion Ratio Lower Upper
64 100
66 31.9 23.0 42.8



#9
Trichlorofluoromethane
Concen: 19.491 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.006 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

Tgt Ion: 101 Resp: 598902
Ion Ratio Lower Upper
101 100
103 64.2 51.6 77.4

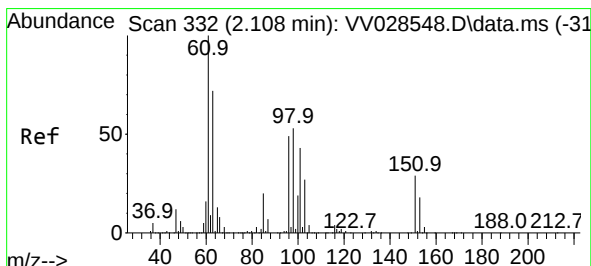
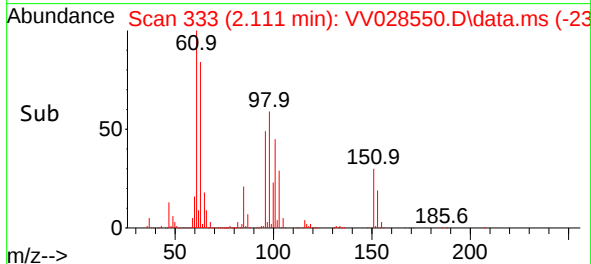
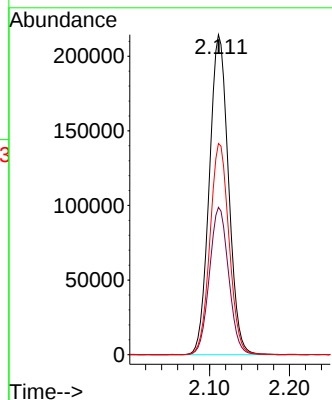
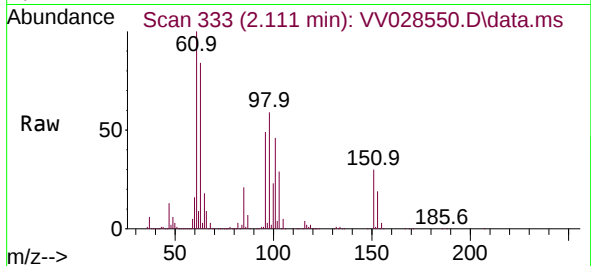




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.739 ug/L
RT: 2.111 min Scan# 331
Delta R.T. 0.006 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

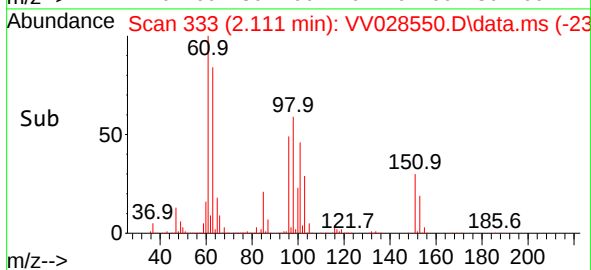
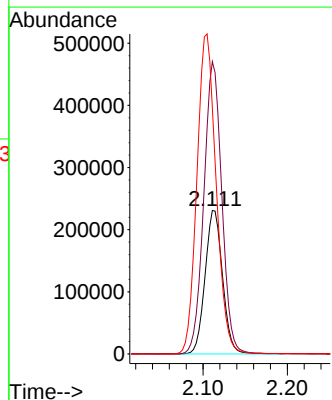
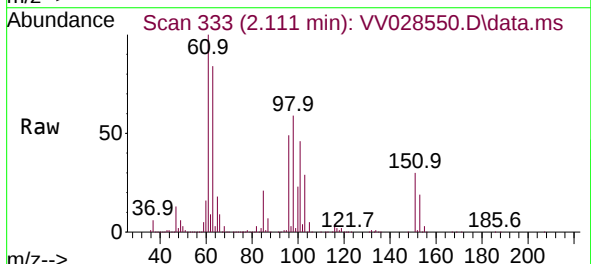
Instrument :
MSVOA_V
ClientSampleId :
VSTD020262

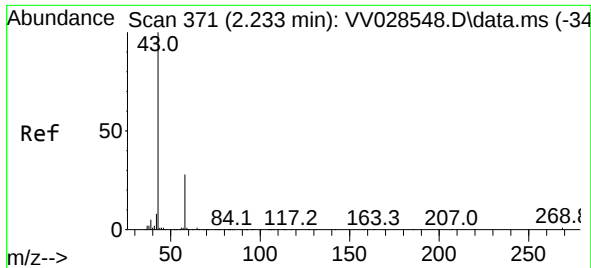
Tgt Ion:101 Resp: 356992
Ion Ratio Lower Upper
101 100
85 46.1 37.3 55.9
151 65.8 52.8 79.2



#12
1,1-Dichloroethene
Concen: 19.435 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

Tgt Ion: 96 Resp: 332876
Ion Ratio Lower Upper
96 100
61 203.7 142.9 265.5
63 171.7 102.3 190.1

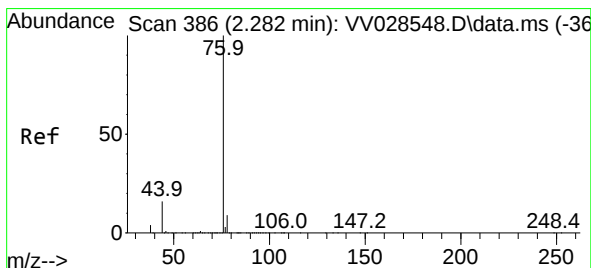
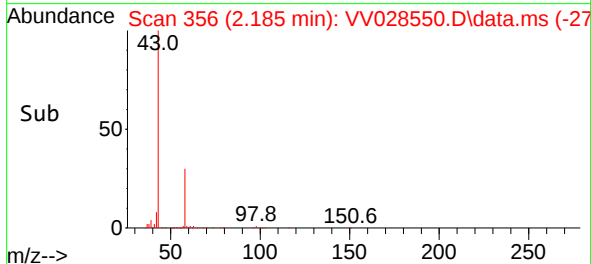
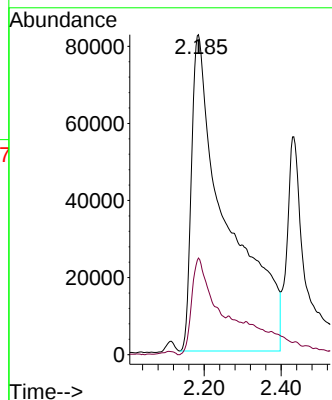
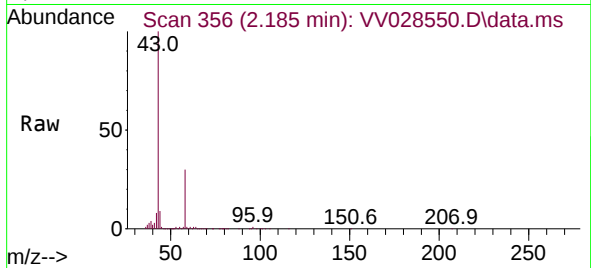




#13
Acetone
Concen: 230.721 ug/L
RT: 2.185 min Scan# 31
Delta R.T. -0.048 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

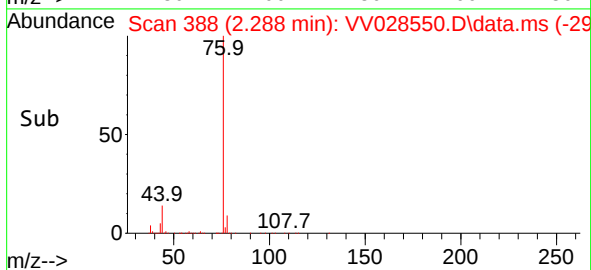
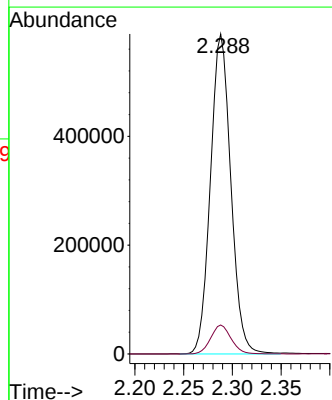
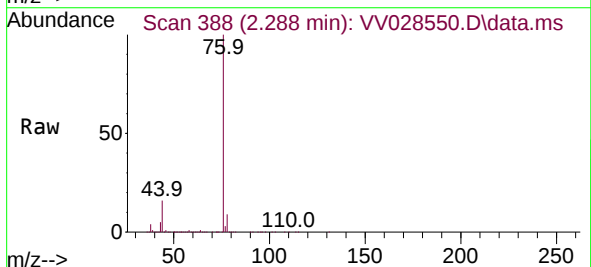
Instrument :
MSVOA_V
ClientSampleId :
VSTD020262

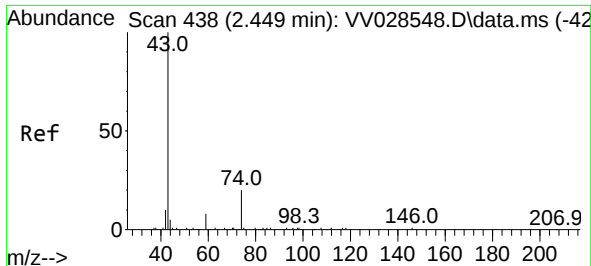
Tgt Ion: 43 Resp: 524671
Ion Ratio Lower Upper
43 100
58 18.4 0.0 48.6



#14
Carbon disulfide
Concen: 16.144 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.006 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

Tgt Ion: 76 Resp: 855651
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

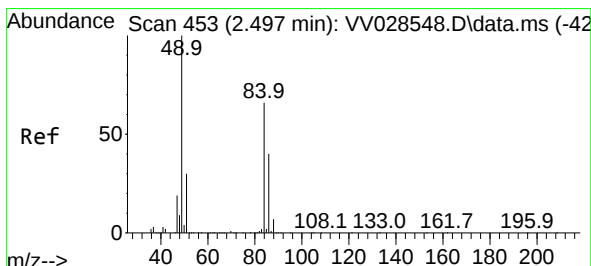
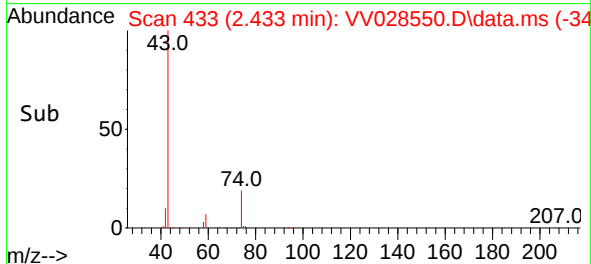
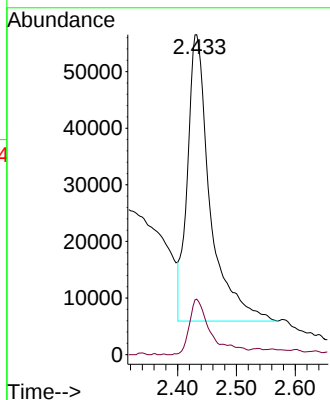
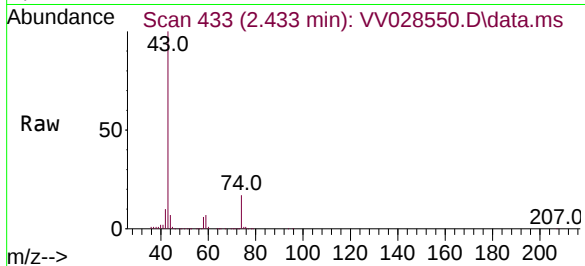




#15
Methyl Acetate
Concen: 21.055 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.016 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

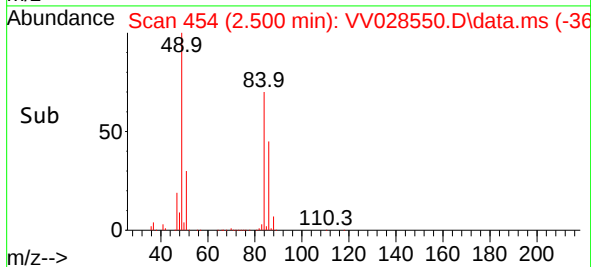
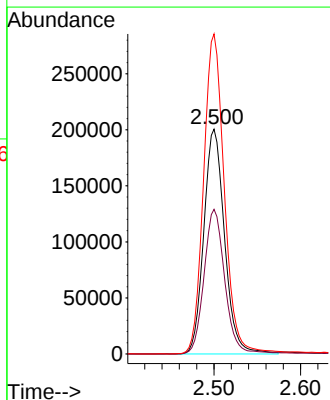
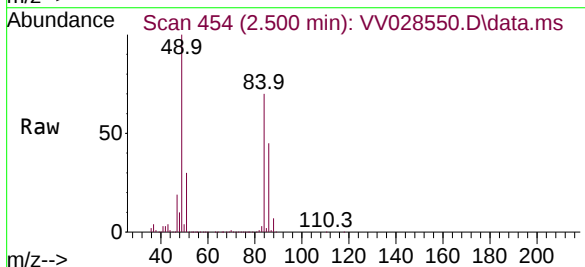
Instrument :
MSVOA_V
ClientSampleId :
VSTD020262

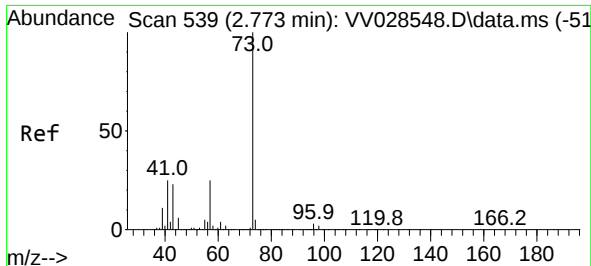
Tgt Ion: 43 Resp: 135488
Ion Ratio Lower Upper
43 100
74 18.5 13.8 20.6



#16
Methylene chloride
Concen: 16.561 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

Tgt Ion: 84 Resp: 334547
Ion Ratio Lower Upper
84 100
86 64.3 42.8 79.6
49 142.3 106.4 197.6

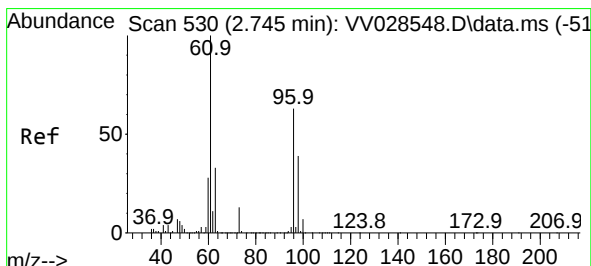
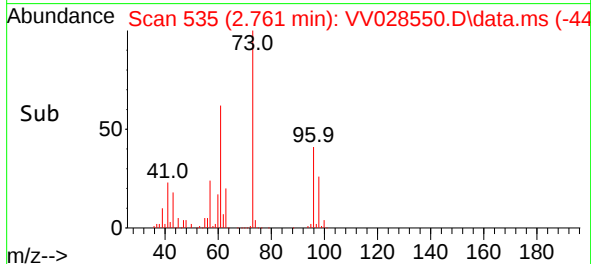
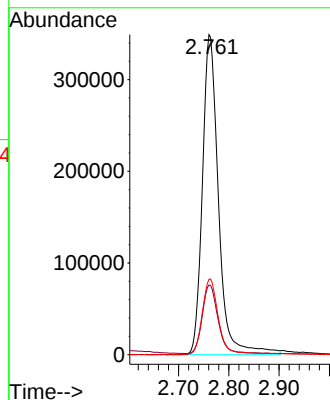
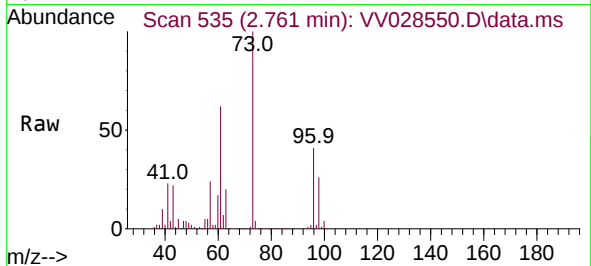




#17
Methyl tert-butyl Ether
Concen: 20.738 ug/L
RT: 2.761 min Scan# 51
Delta R.T. -0.013 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

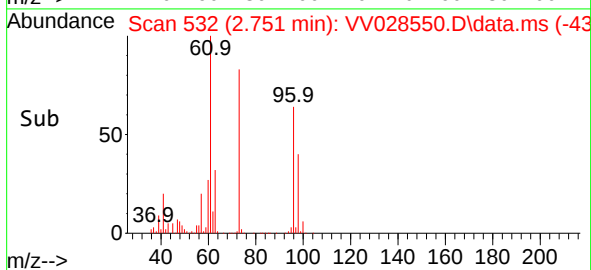
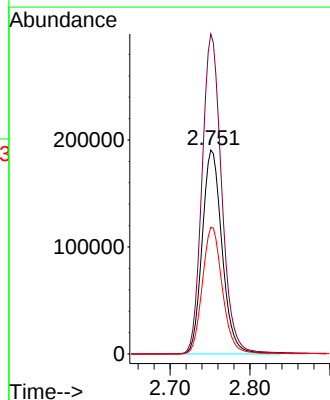
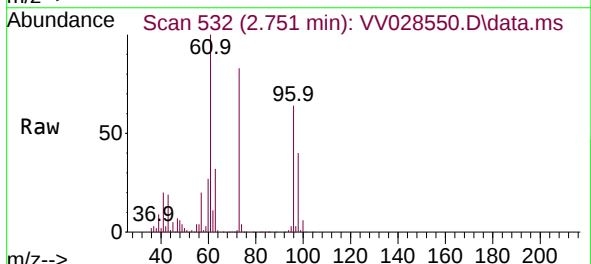
Instrument :
MSVOA_V
ClientSampleId :
VSTD020262

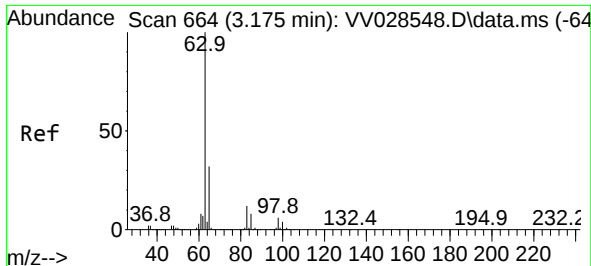
Tgt Ion: 73 Resp: 777841
Ion Ratio Lower Upper
73 100
43 20.8 18.2 27.2
57 23.5 19.5 29.3



#18
trans-1,2-Dichloroethene
Concen: 18.295 ug/L
RT: 2.751 min Scan# 532
Delta R.T. 0.006 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

Tgt Ion: 96 Resp: 330244
Ion Ratio Lower Upper
96 100
61 157.0 111.2 206.6
98 62.1 42.9 79.7





#19

1,1-Dichloroethane

Concen: 21.803 ug/L

RT: 3.179 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV028550.D

Acq: 14 Oct 2022 14:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD020262

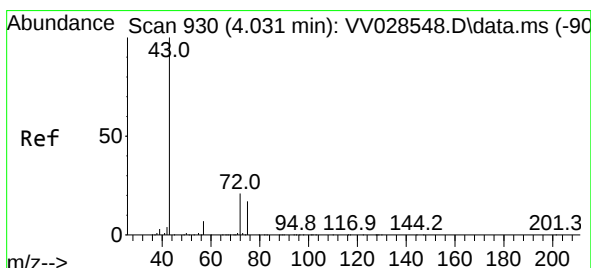
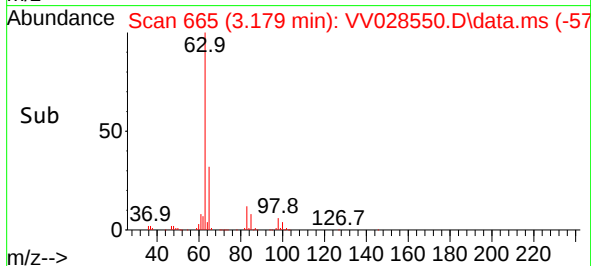
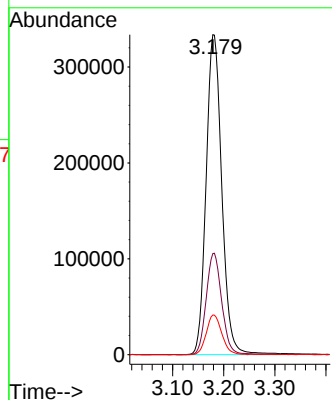
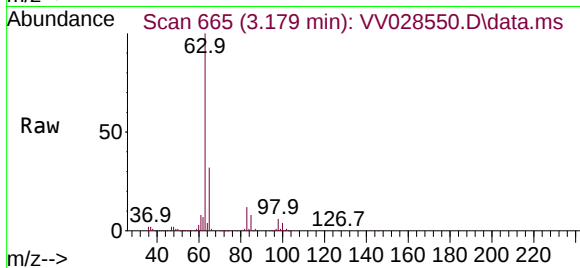
Tgt Ion: 63 Resp: 711037

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.5

83 12.4 8.5 15.7



#21

2-Butanone

Concen: 267.706 ug/L

RT: 3.970 min Scan# 911

Delta R.T. -0.061 min

Lab File: VV028550.D

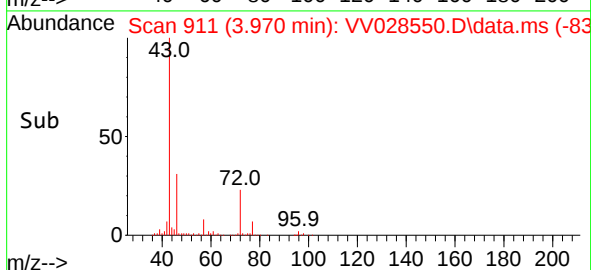
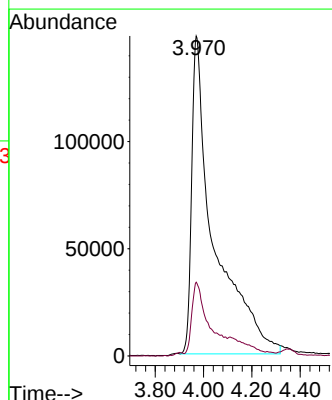
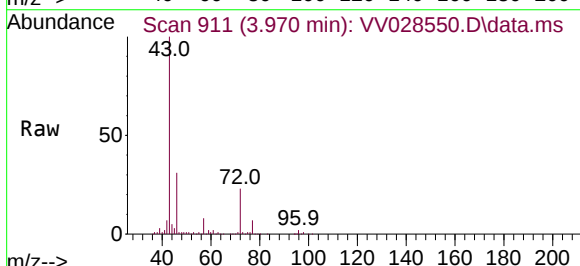
Acq: 14 Oct 2022 14:14

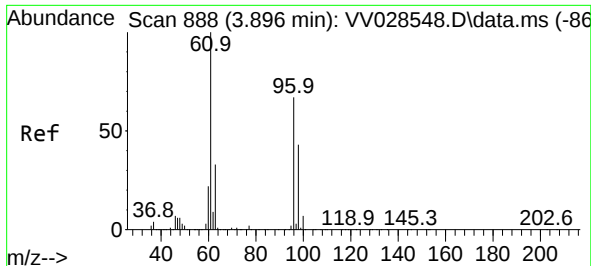
Tgt Ion: 43 Resp: 950946

Ion Ratio Lower Upper

43 100

72 15.7 11.1 33.3

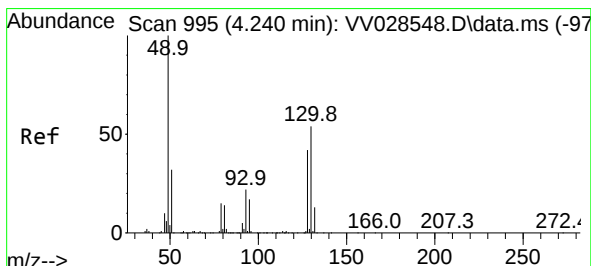
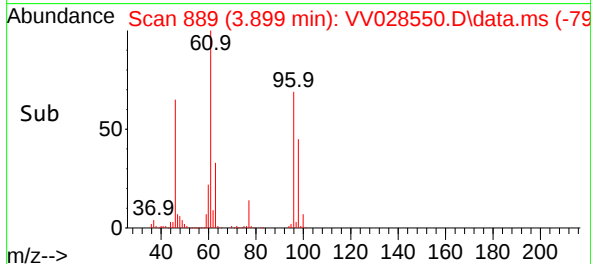
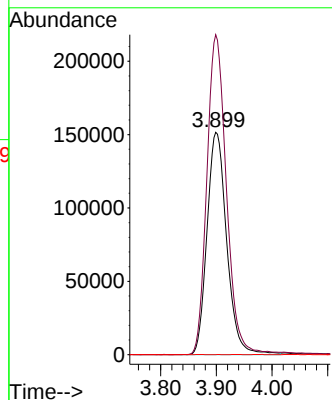
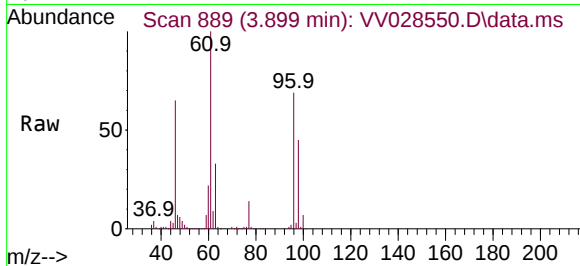




#22
 cis-1,2-Dichloroethene
 Concen: 19.870 ug/L
 RT: 3.899 min Scan# 889
 Delta R.T. 0.003 min
 Lab File: VV028550.D
 Acq: 14 Oct 2022 14:14

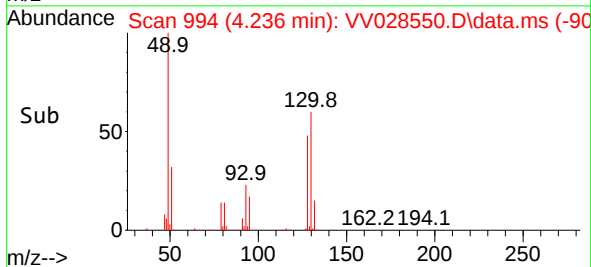
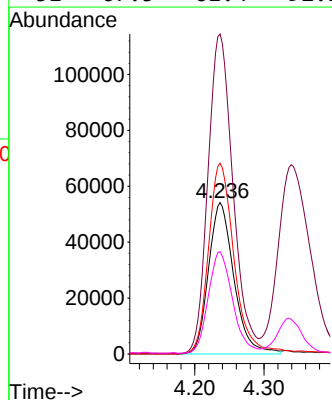
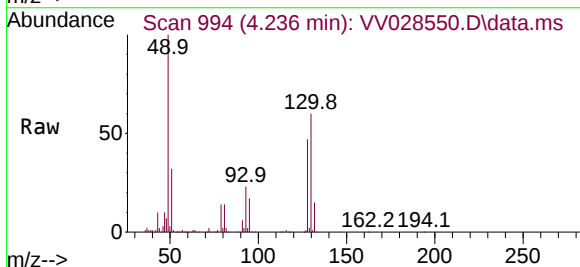
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020262

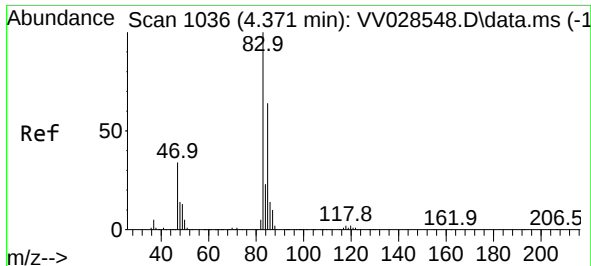
Tgt Ion: 96 Resp: 372490
 Ion Ratio Lower Upper
 96 100
 61 143.9 105.1 195.3
 68 0.0 0.5 0.9#



#23
 Bromochloromethane
 Concen: 17.357 ug/L
 RT: 4.236 min Scan# 994
 Delta R.T. -0.003 min
 Lab File: VV028550.D
 Acq: 14 Oct 2022 14:14

Tgt Ion:128 Resp: 137460
 Ion Ratio Lower Upper
 128 100
 49 211.3 165.8 308.0
 130 126.0 88.8 165.0
 51 67.5 61.4 92.2

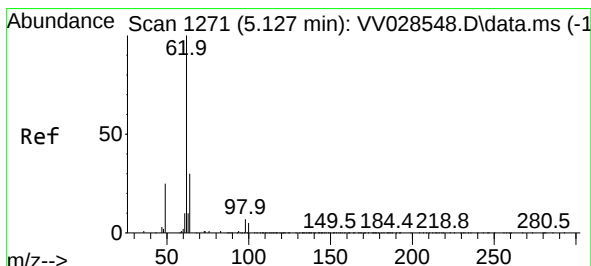
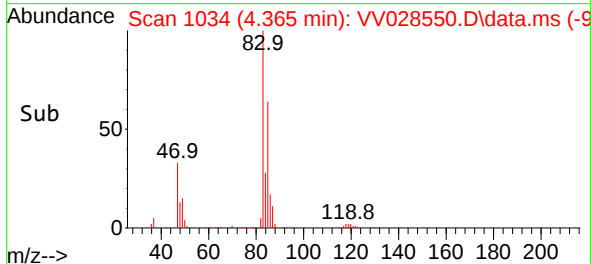
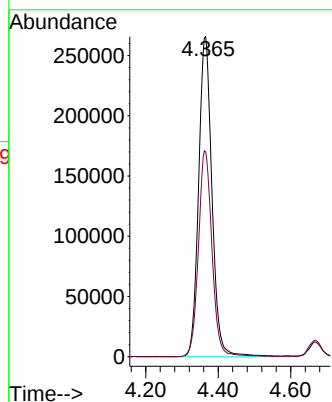
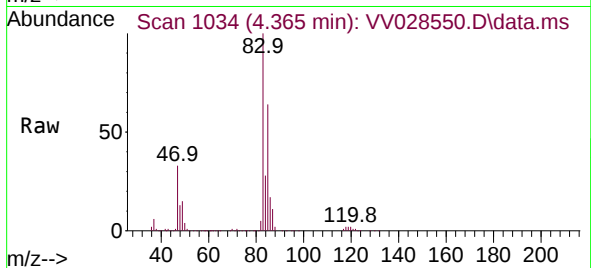




#25
Chloroform
Concen: 19.588 ug/L
RT: 4.365 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

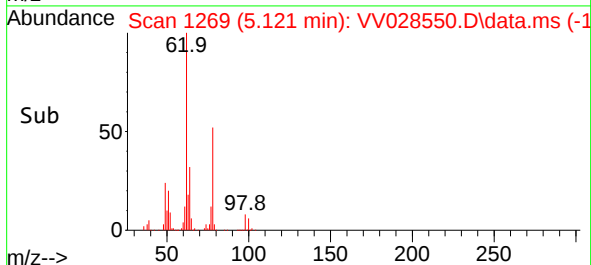
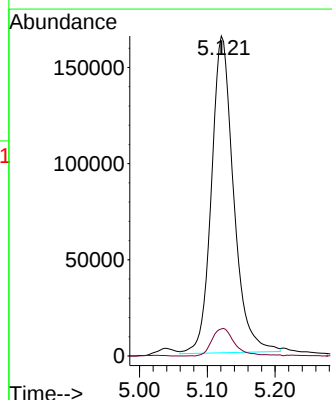
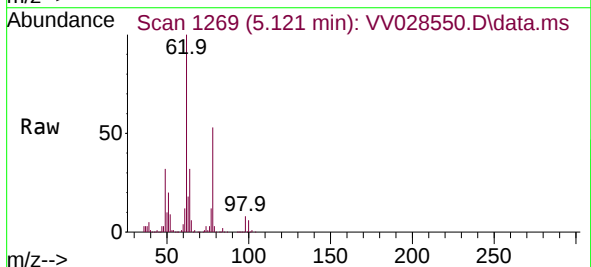
Instrument :
MSVOA_V
ClientSampleId :
VSTD020262

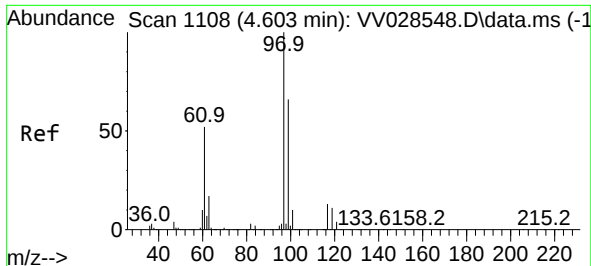
Tgt Ion: 83 Resp: 678821
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.9



#27
1,2-Dichloroethane
Concen: 19.321 ug/L
RT: 5.121 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

Tgt Ion: 62 Resp: 374753
Ion Ratio Lower Upper
62 100
98 8.5 5.9 8.9





#29

1,1,1-Trichloroethane

Concen: 18.633 ug/L

RT: 4.600 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV028550.D

Acq: 14 Oct 2022 14:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD020262

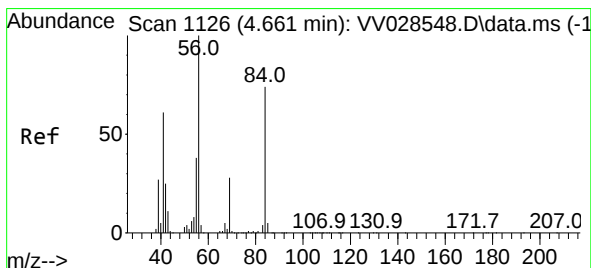
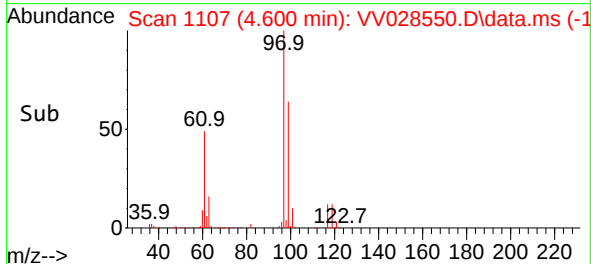
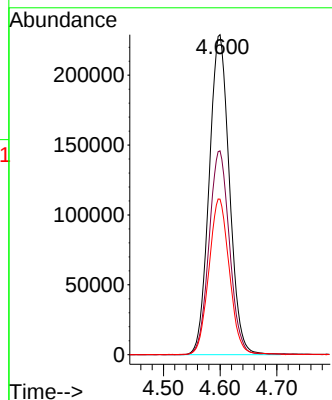
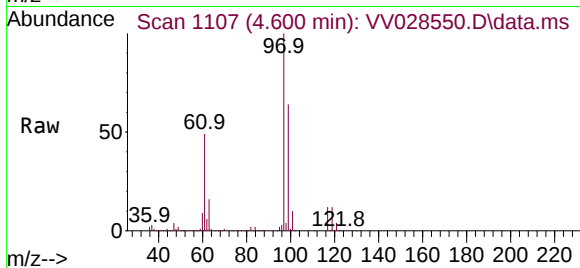
Tgt Ion: 97 Resp: 567961

Ion Ratio Lower Upper

97 100

99 64.3 52.6 78.8

61 49.4 42.1 63.1



#30

Cyclohexane

Concen: 22.443 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VV028550.D

Acq: 14 Oct 2022 14:14

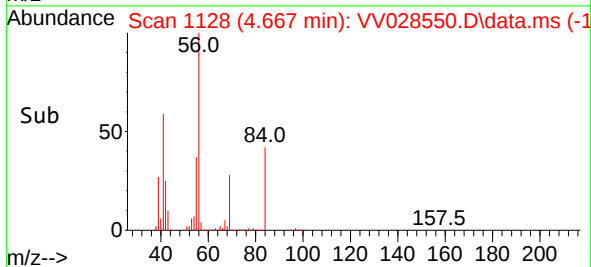
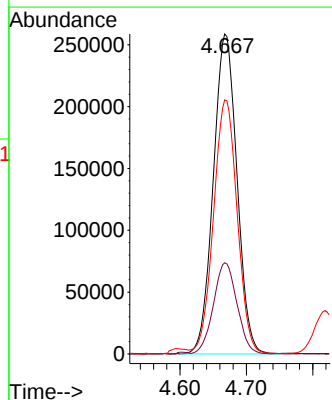
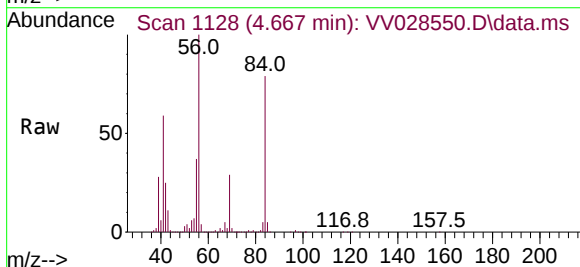
Tgt Ion: 56 Resp: 642315

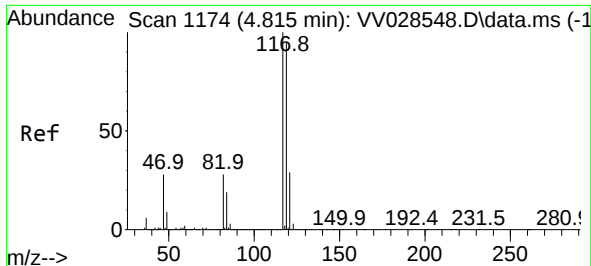
Ion Ratio Lower Upper

56 100

69 28.3 22.4 33.6

84 79.3 60.1 90.1

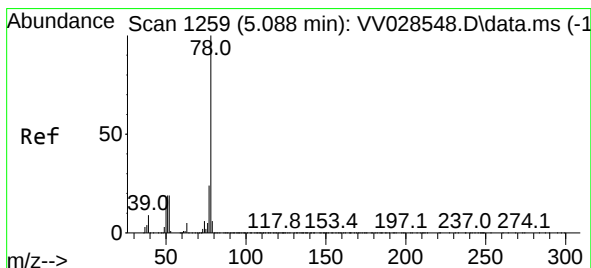
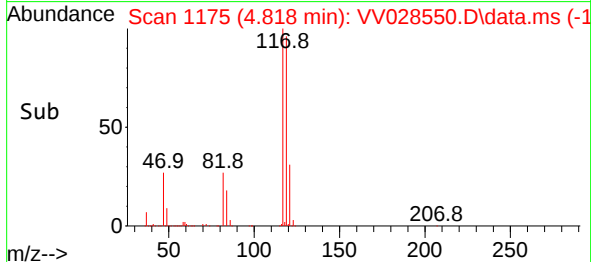
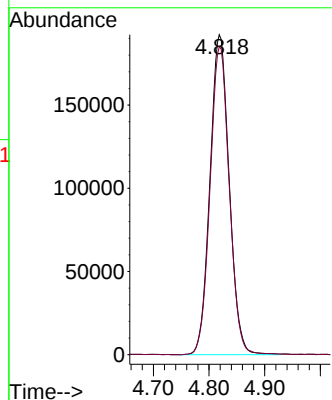
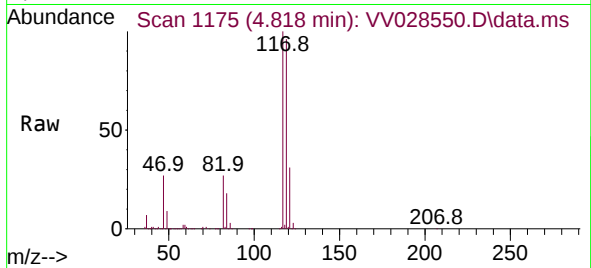




#31
Carbon tetrachloride
Concen: 17.152 ug/L
RT: 4.818 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

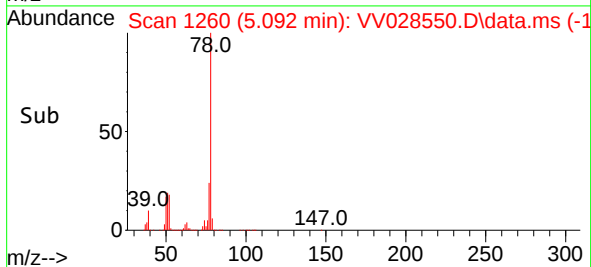
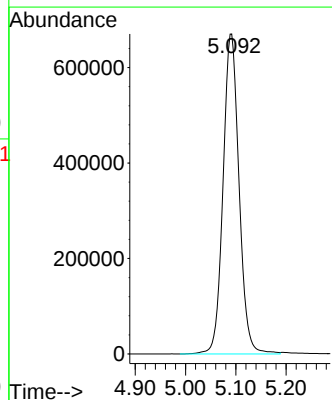
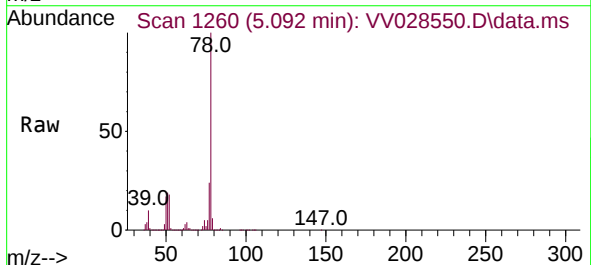
Instrument :
MSVOA_V
ClientSampleId :
VSTD020262

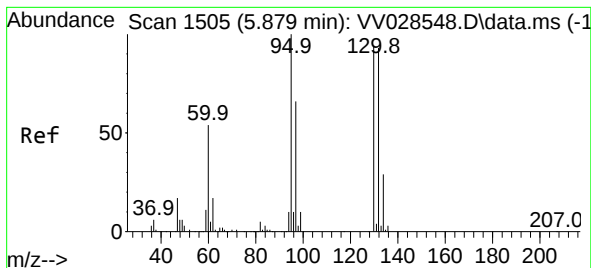
Tgt Ion:117 Resp: 461388
Ion Ratio Lower Upper
117 100
119 96.2 75.5 113.3



#33
Benzene
Concen: 19.910 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

Tgt Ion: 78 Resp: 1481816





#34

Trichloroethene

Concen: 20.420 ug/L

RT: 5.905 min Scan# 1

Delta R.T. 0.026 min

Lab File: VV028550.D

Acq: 14 Oct 2022 14:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD020262

Tgt Ion: 95 Resp: 366866

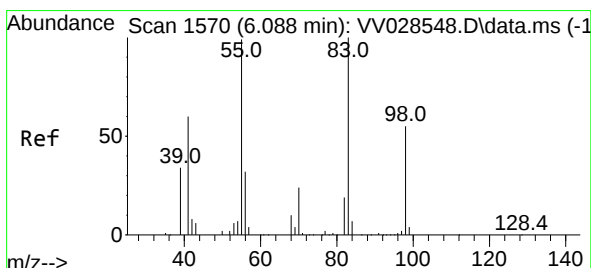
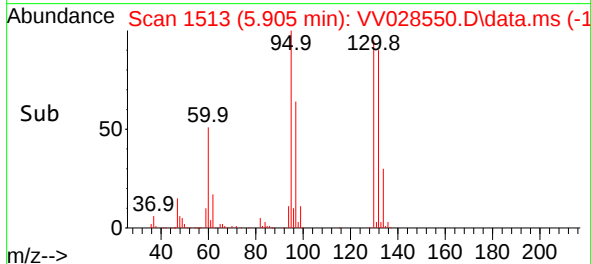
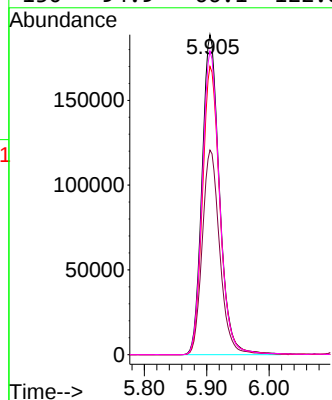
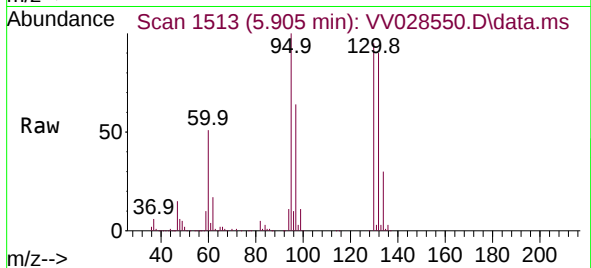
Ion Ratio Lower Upper

95 100

97 64.0 46.2 85.8

132 90.1 65.1 120.9

130 94.9 66.1 122.8



#35

Methylcyclohexane

Concen: 21.305 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.035 min

Lab File: VV028550.D

Acq: 14 Oct 2022 14:14

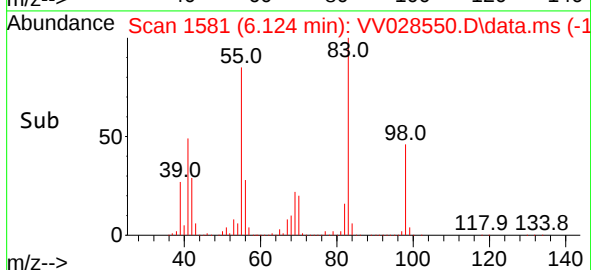
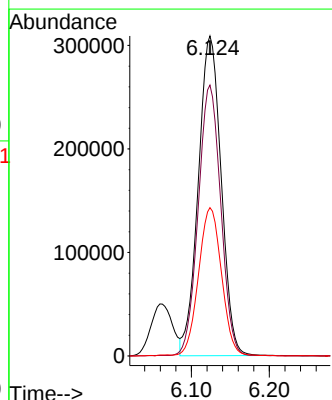
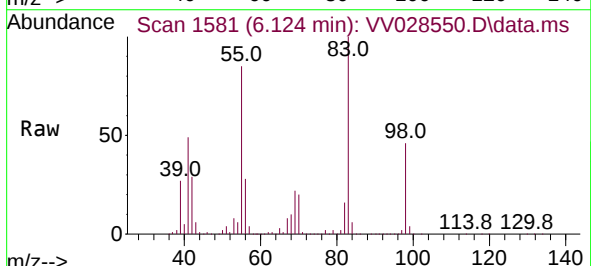
Tgt Ion: 83 Resp: 630319

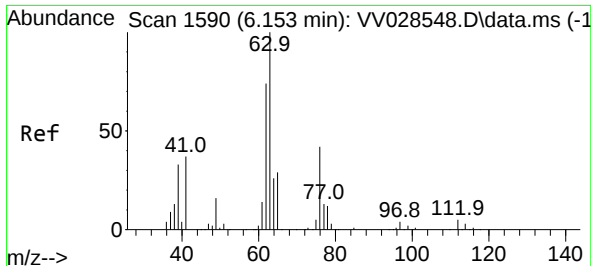
Ion Ratio Lower Upper

83 100

55 83.6 65.0 97.6

98 46.2 36.4 54.6





#37

1,2-Dichloropropane

Concen: 23.450 ug/L

RT: 6.166 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV028550.D

Acq: 14 Oct 2022 14:14

Instrument :

MSVOA_V

ClientSampleId :

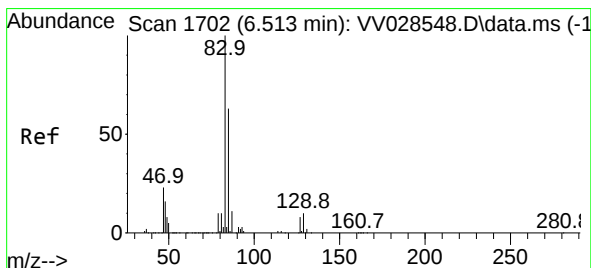
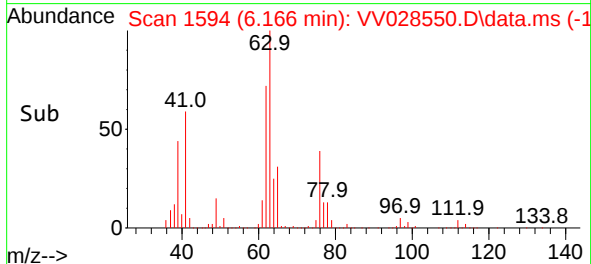
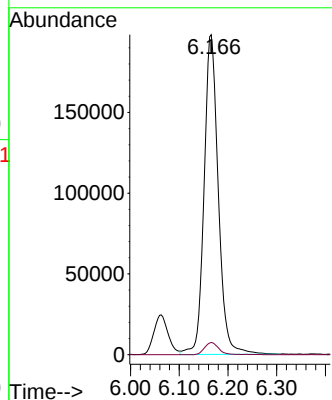
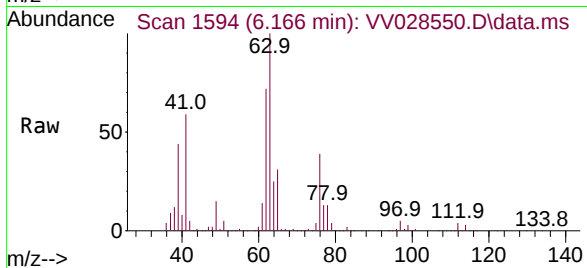
VSTD020262

Tgt Ion: 63 Resp: 400842

Ion Ratio Lower Upper

63 100

112 3.8 3.4 5.2



#38

Bromodichloromethane

Concen: 20.709 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.013 min

Lab File: VV028550.D

Acq: 14 Oct 2022 14:14

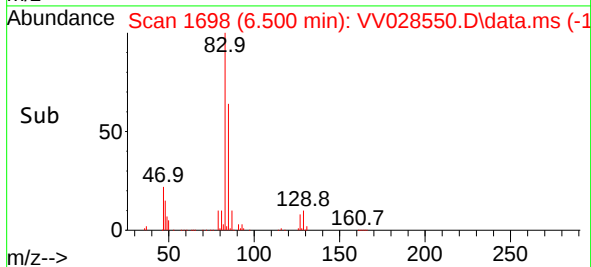
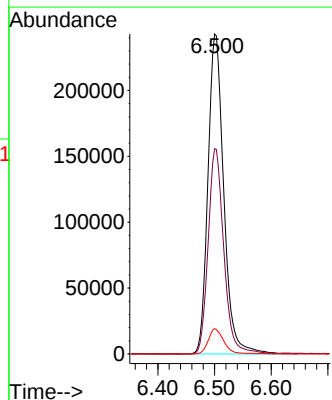
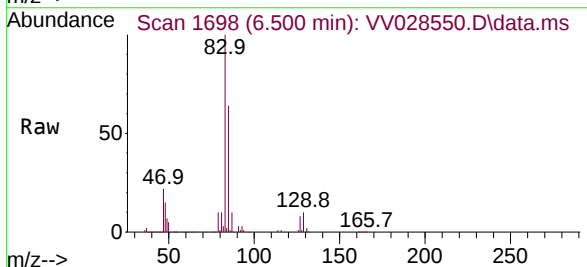
Tgt Ion: 83 Resp: 470519

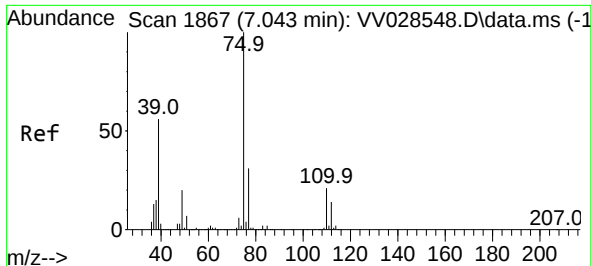
Ion Ratio Lower Upper

83 100

85 64.1 44.2 82.0

127 7.9 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 23.800 ug/L

RT: 7.018 min Scan# 11

Delta R.T. -0.026 min

Lab File: VV028550.D

Acq: 14 Oct 2022 14:14

Instrument :

MSVOA_V

ClientSampleId :

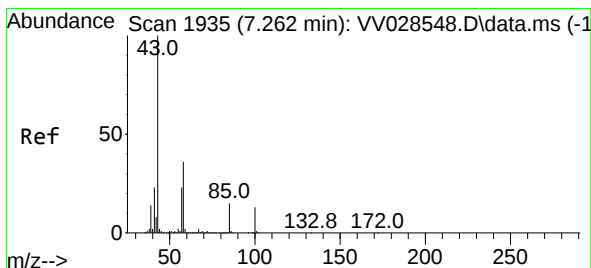
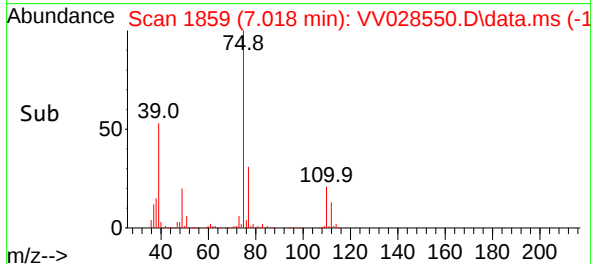
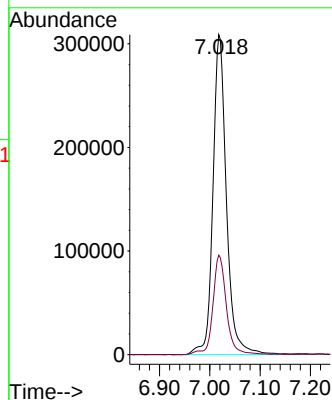
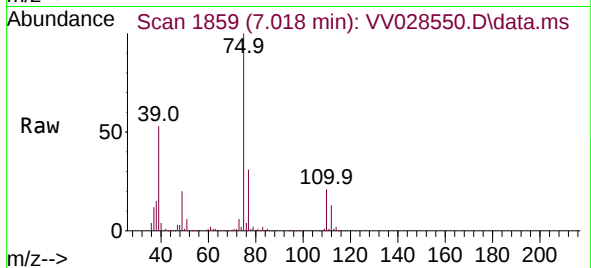
VSTD020262

Tgt Ion: 75 Resp: 576172

Ion Ratio Lower Upper

75 100

77 31.1 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 279.818 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.042 min

Lab File: VV028550.D

Acq: 14 Oct 2022 14:14

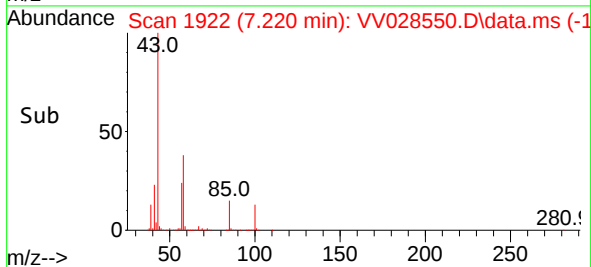
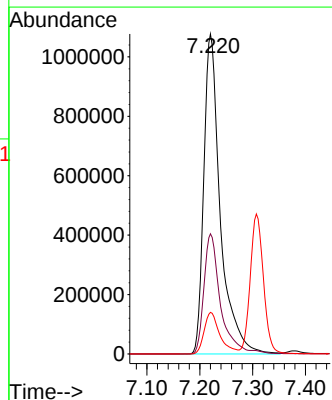
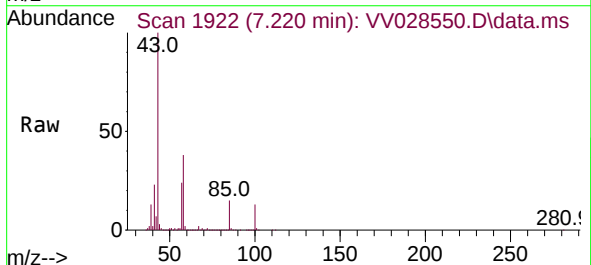
Tgt Ion: 43 Resp: 2335229

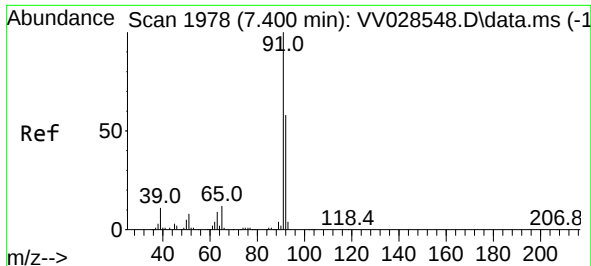
Ion Ratio Lower Upper

43 100

58 38.0 29.3 43.9

100 12.4 10.0 15.0

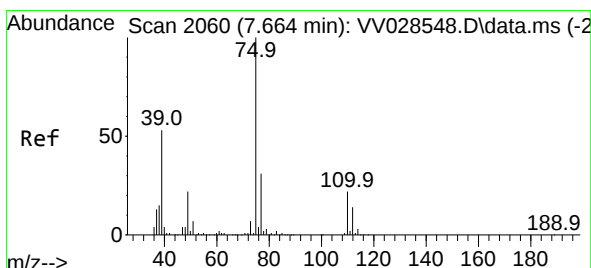
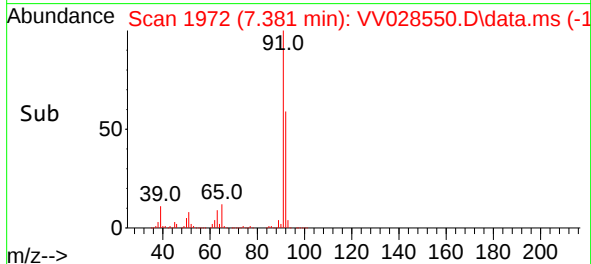
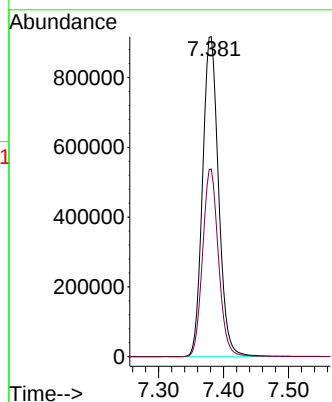
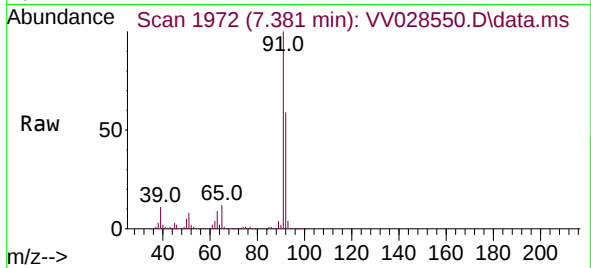




#42
Toluene
Concen: 21.095 ug/L
RT: 7.381 min Scan# 1978
Delta R.T. -0.019 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

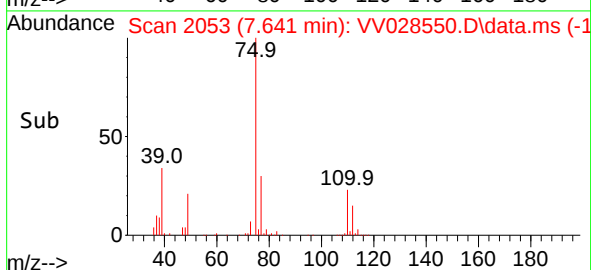
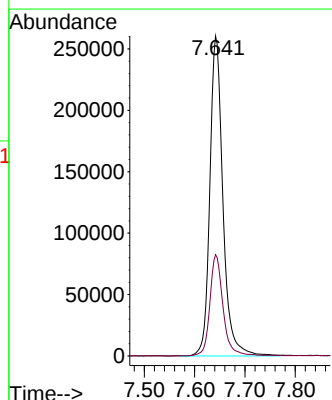
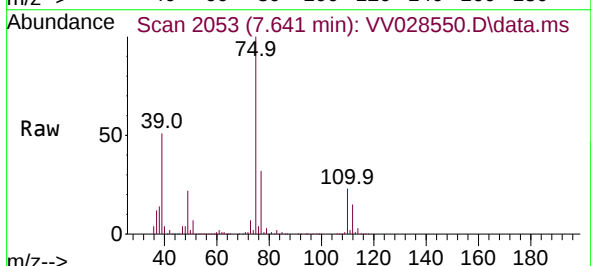
Instrument :
MSVOA_V
ClientSampleId :
VSTD020262

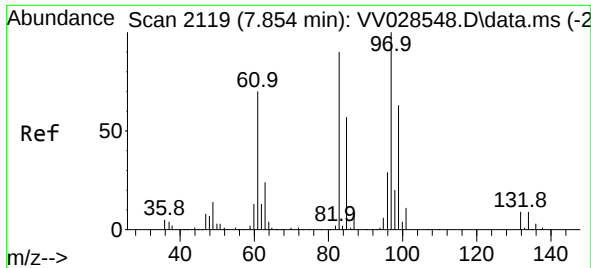
Tgt Ion: 91 Resp: 1574032
Ion Ratio Lower Upper
91 100
92 58.7 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 23.227 ug/L
RT: 7.641 min Scan# 2053
Delta R.T. -0.023 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

Tgt Ion: 75 Resp: 470634
Ion Ratio Lower Upper
75 100
77 31.6 21.7 40.3



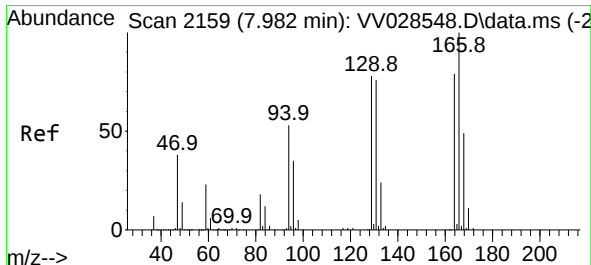
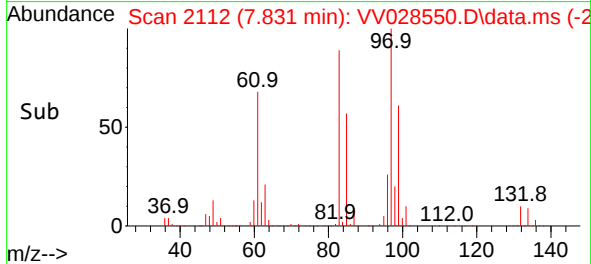
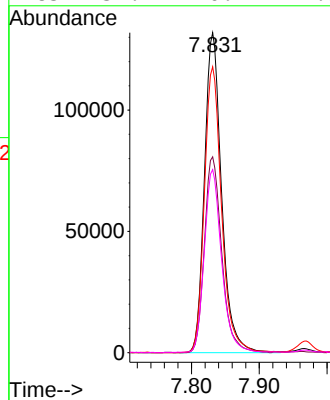
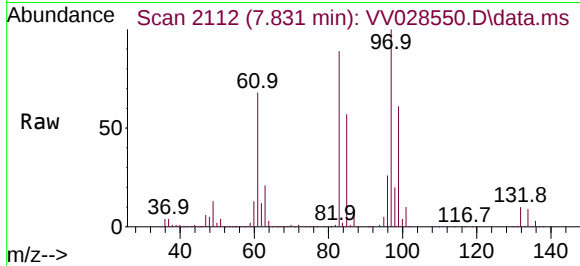


#45
1,1,2-Trichloroethane
Concen: 19.199 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. -0.023 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

Instrument :
MSVOA_V
ClientSampleId :
VSTD020262

Tgt Ion: 97 Resp: 231617

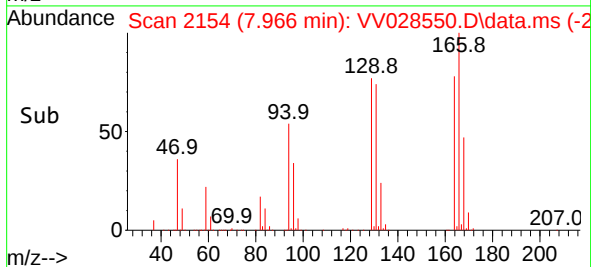
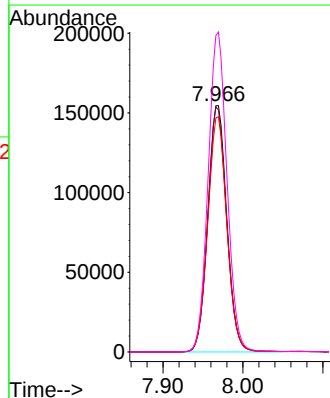
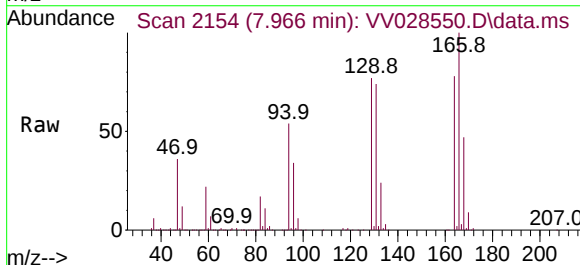
Ion	Ratio	Lower	Upper
97	100		
99	61.2	44.4	82.4
83	89.3	63.1	117.1
85	57.2	40.1	74.5

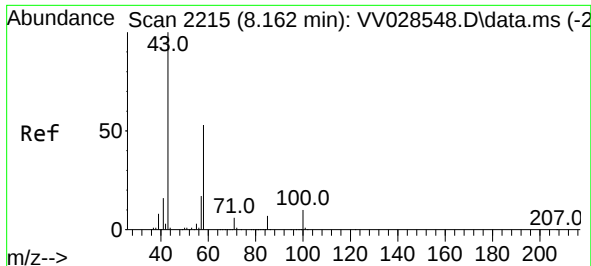


#47
Tetrachloroethene
Concen: 17.330 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.016 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

Tgt Ion: 164 Resp: 256325

Ion	Ratio	Lower	Upper
164	100		
129	99.4	69.3	128.7
131	95.1	67.3	125.1
166	128.5	88.5	164.4

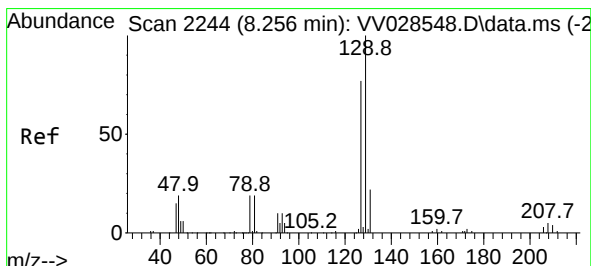
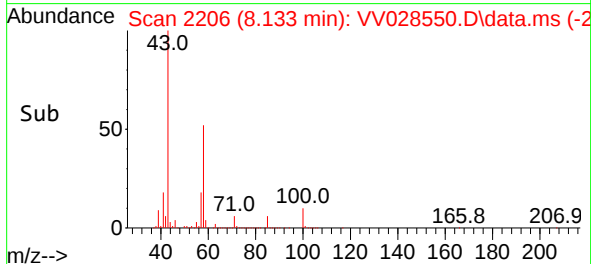
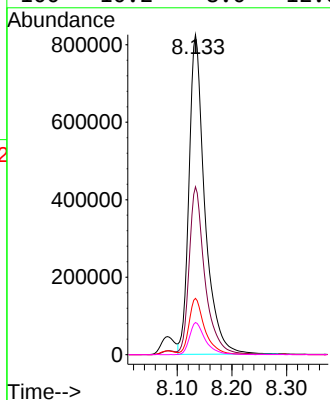
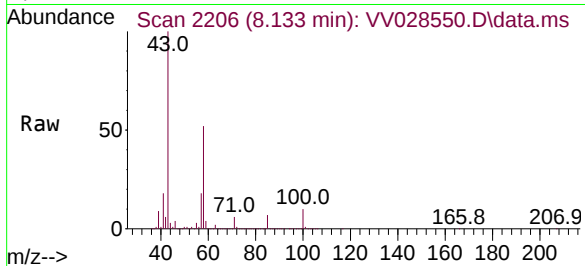




#48
2-Hexanone
Concen: 290.151 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.029 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

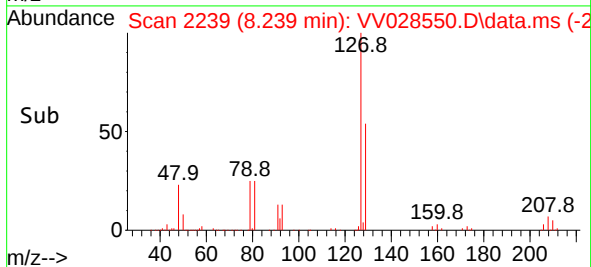
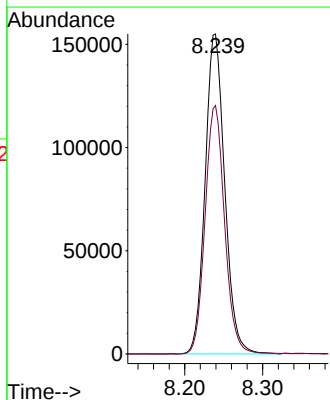
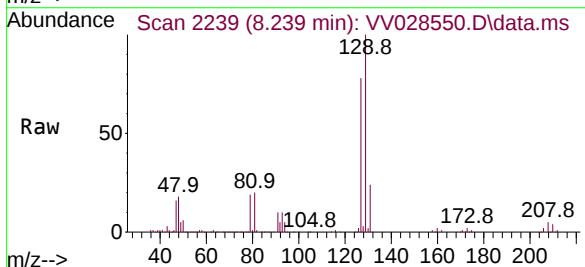
Instrument :
MSVOA_V
ClientSampleId :
VSTD020262

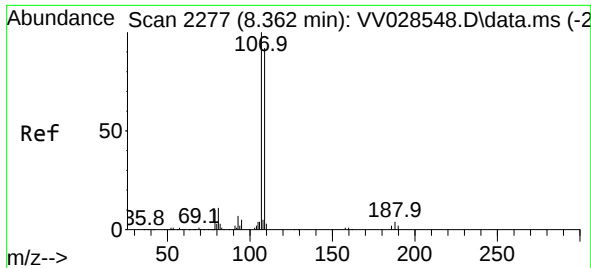
Tgt Ion: 43 Resp: 1652518
Ion Ratio Lower Upper
43 100
58 52.3 42.5 63.7
57 17.7 14.5 21.7
100 10.2 8.0 12.0



#49
Dibromochloromethane
Concen: 18.569 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.016 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

Tgt Ion: 129 Resp: 270799
Ion Ratio Lower Upper
129 100
127 77.6 53.8 100.0





#50

1,2-Dibromoethane

Concen: 19.679 ug/L

RT: 8.346 min Scan# 21

Delta R.T. -0.016 min

Lab File: VV028550.D

Acq: 14 Oct 2022 14:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD020262

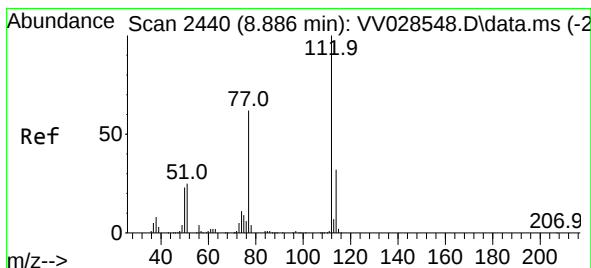
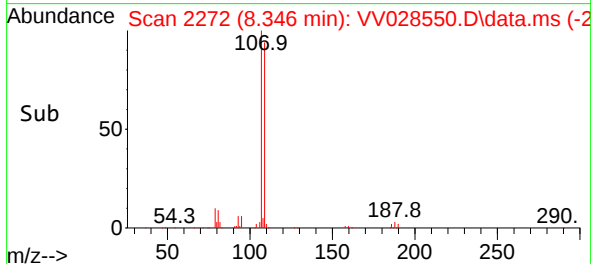
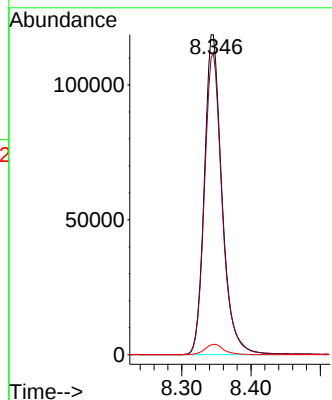
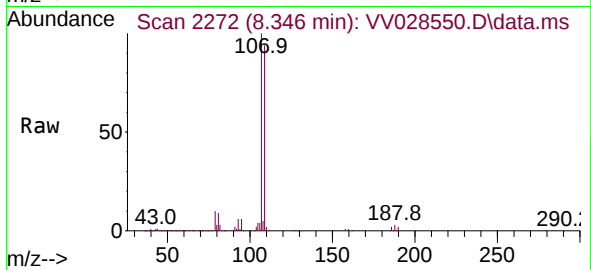
Tgt Ion:107 Resp: 209821

Ion Ratio Lower Upper

107 100

109 94.5 64.1 119.1

188 3.2 3.3 4.9#



#51

Chlorobenzene

Concen: 19.742 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. -0.013 min

Lab File: VV028550.D

Acq: 14 Oct 2022 14:14

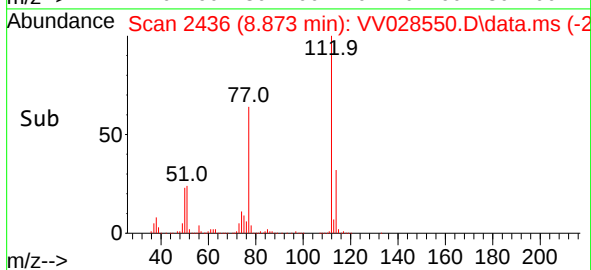
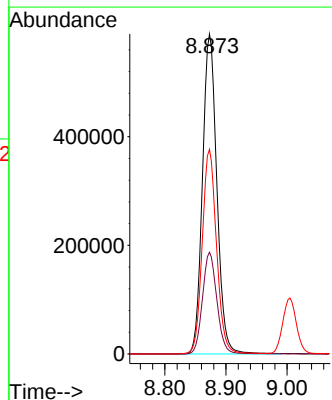
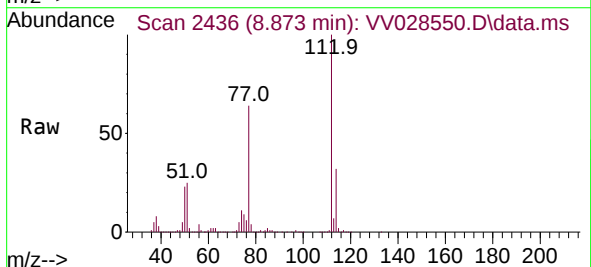
Tgt Ion:112 Resp: 962912

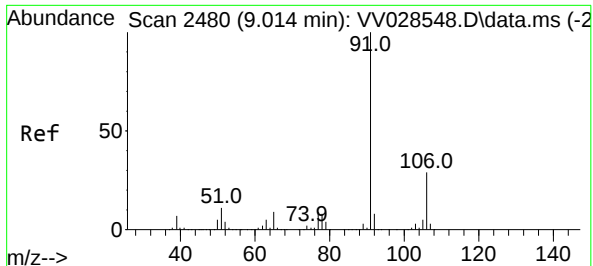
Ion Ratio Lower Upper

112 100

114 31.8 22.4 41.6

77 64.0 50.2 75.2





#52

Ethylbenzene

Concen: 22.625 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. -0.010 min

Lab File: VV028550.D

Acq: 14 Oct 2022 14:14

Instrument :

MSVOA_V

ClientSampleId :

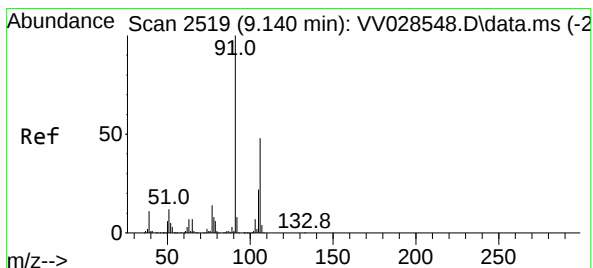
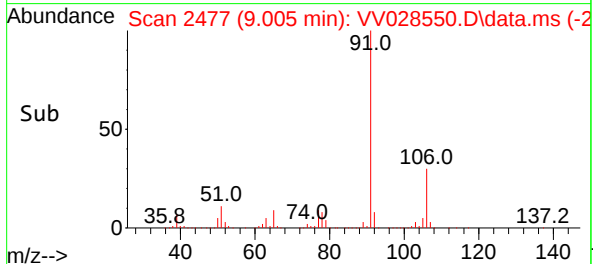
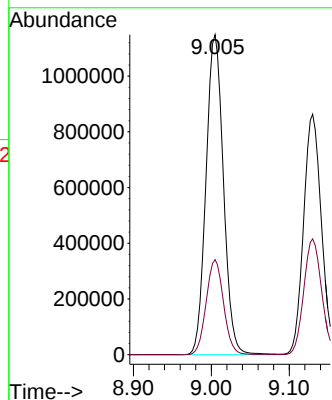
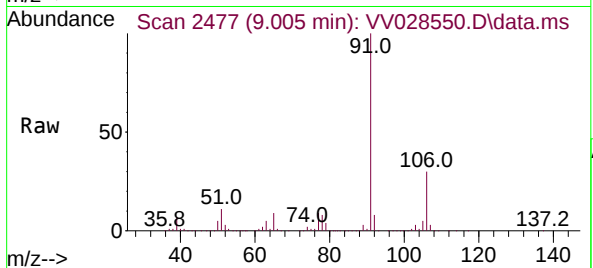
VSTD020262

Tgt Ion: 91 Resp: 1784748

Ion Ratio Lower Upper

91 100

106 29.7 20.3 37.7



#53

m,p-Xylene

Concen: 21.671 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. -0.010 min

Lab File: VV028550.D

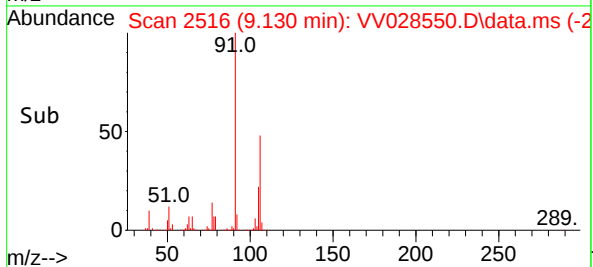
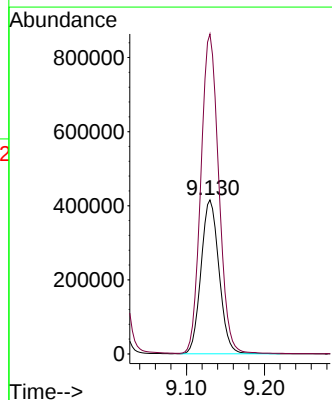
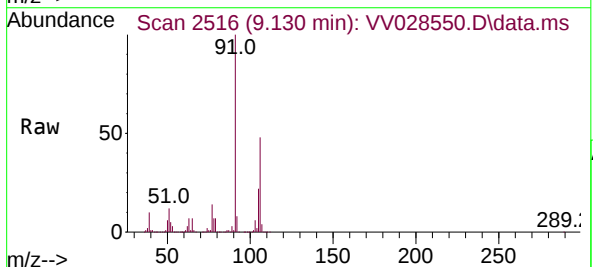
Acq: 14 Oct 2022 14:14

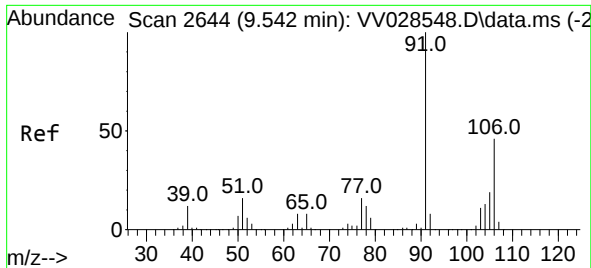
Tgt Ion: 106 Resp: 665570

Ion Ratio Lower Upper

106 100

91 207.7 146.9 272.9

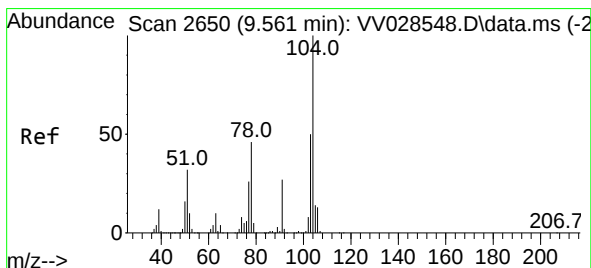
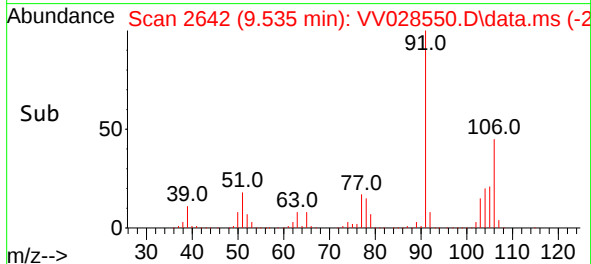
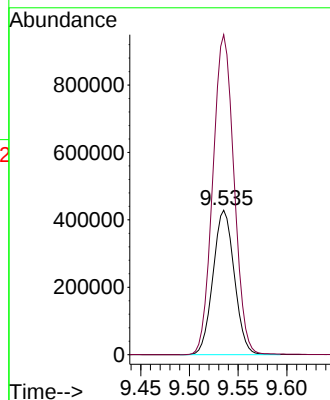
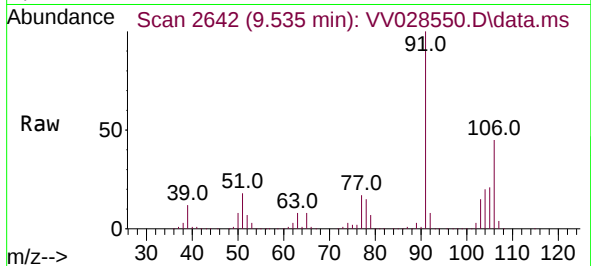




#54
o-Xylene
Concen: 22.115 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.006 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

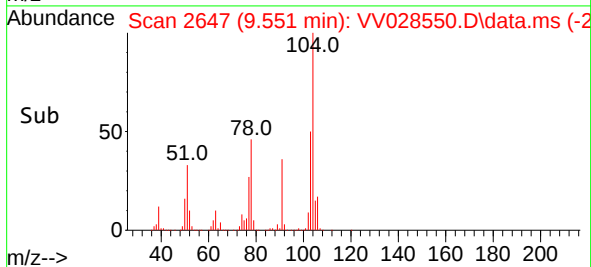
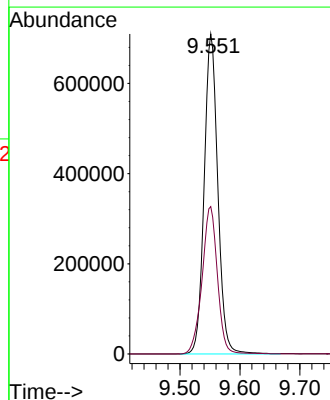
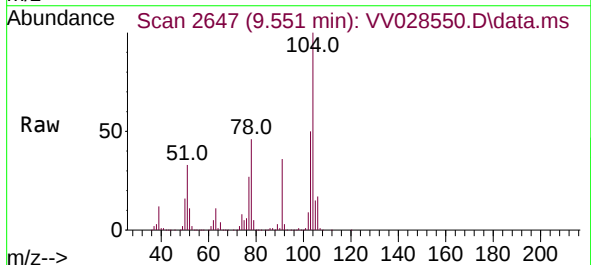
Instrument :
MSVOA_V
ClientSampleId :
VSTD020262

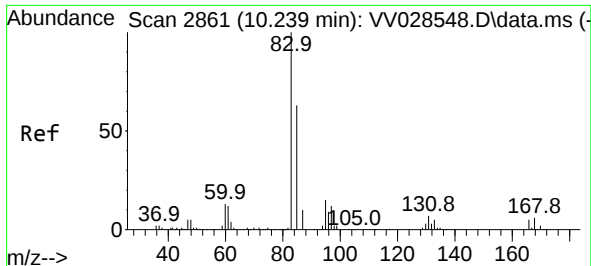
Tgt Ion:106 Resp: 651865
Ion Ratio Lower Upper
106 100
91 221.5 151.4 281.2



#55
Styrene
Concen: 22.481 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.010 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

Tgt Ion:104 Resp: 1124302
Ion Ratio Lower Upper
104 100
78 46.1 32.3 60.1

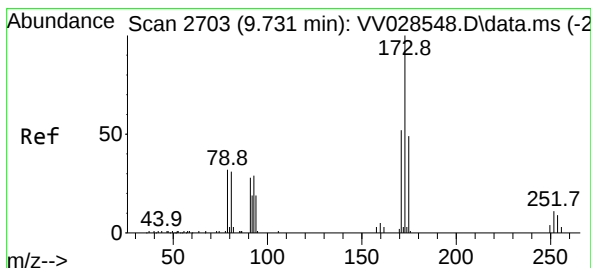
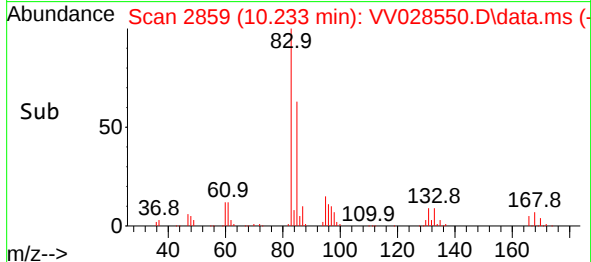
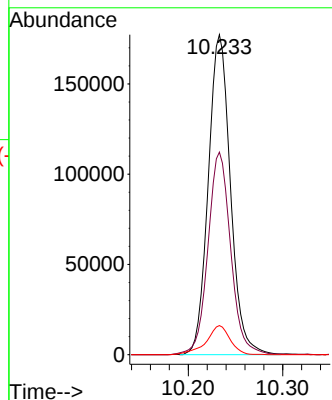
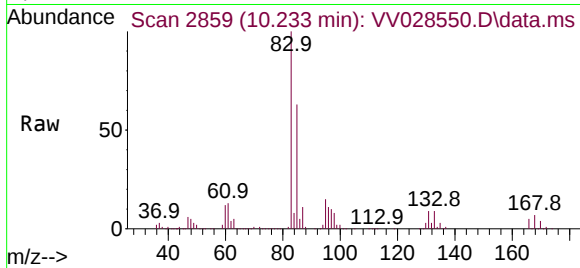




#57
1,1,2,2-Tetrachloroethane
Concen: 21.172 ug/L
RT: 10.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

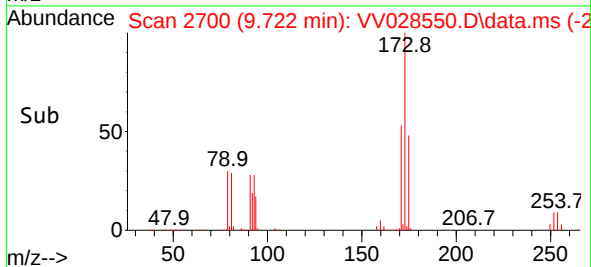
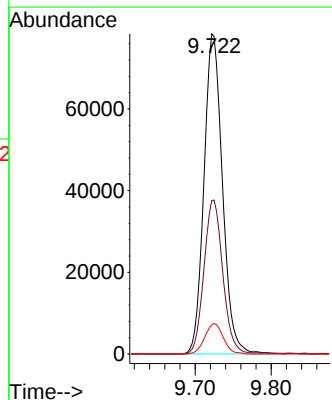
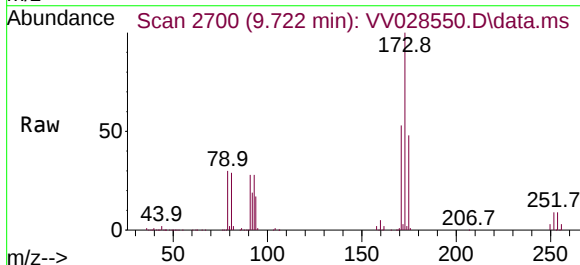
Instrument :
MSVOA_V
ClientSampleId :
VSTD020262

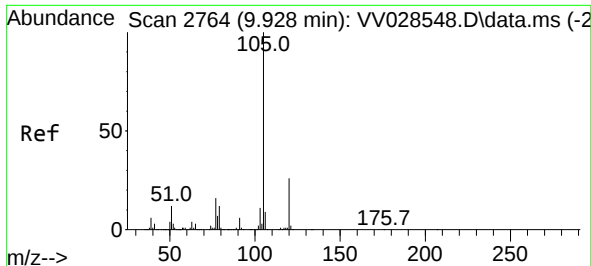
Tgt Ion: 83 Resp: 288984
Ion Ratio Lower Upper
83 100
85 63.3 44.3 82.3
131 9.1 6.4 9.6



#59
Bromoform
Concen: 17.453 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. -0.010 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

Tgt Ion: 173 Resp: 132694
Ion Ratio Lower Upper
173 100
175 48.8 39.4 59.0
254 9.4 7.4 11.2

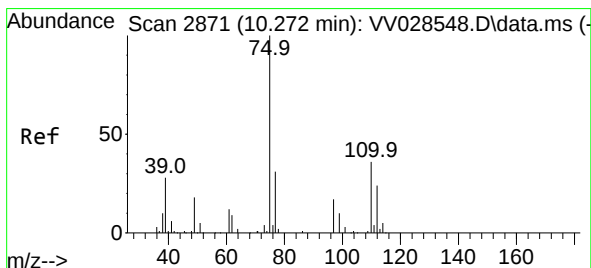
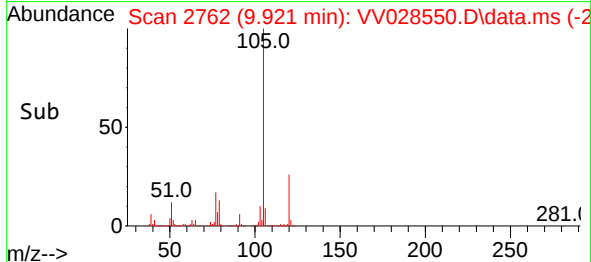
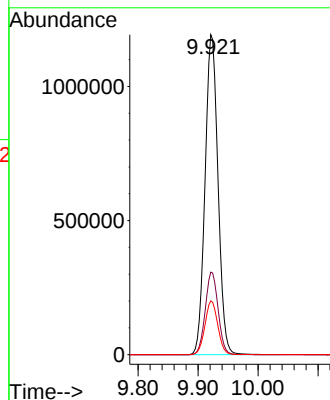
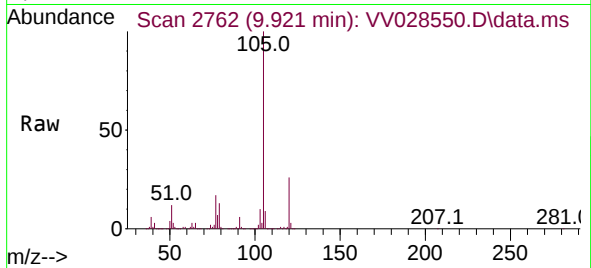




#60
Isopropylbenzene
Concen: 23.240 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.006 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

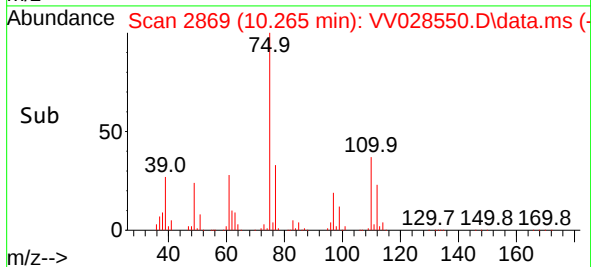
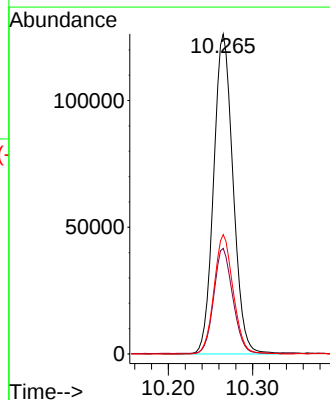
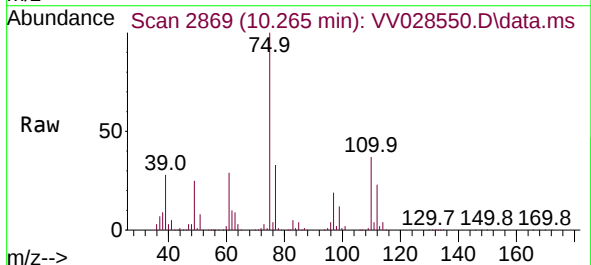
Instrument :
MSVOA_V
ClientSampleId :
VSTD020262

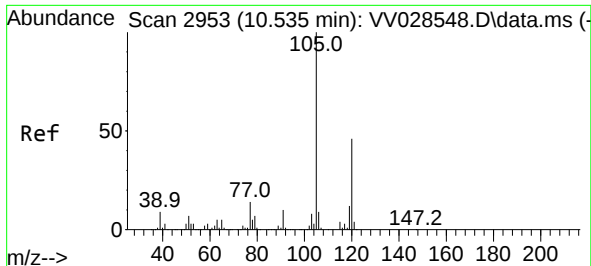
Tgt Ion:105 Resp: 1794455
Ion Ratio Lower Upper
105 100
120 25.7 20.7 31.1
77 16.7 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 20.952 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.006 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

Tgt Ion: 75 Resp: 202213
Ion Ratio Lower Upper
75 100
77 31.8 24.6 37.0
110 36.7 28.3 42.5





#62

1,3,5-Trimethylbenzene

Concen: 24.030 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. -0.006 min

Lab File: VV028550.D

Acq: 14 Oct 2022 14:14

Instrument :

MSVOA_V

ClientSampleId :

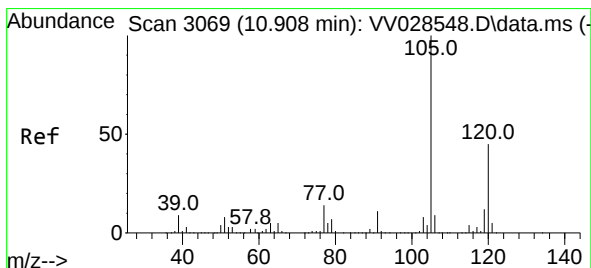
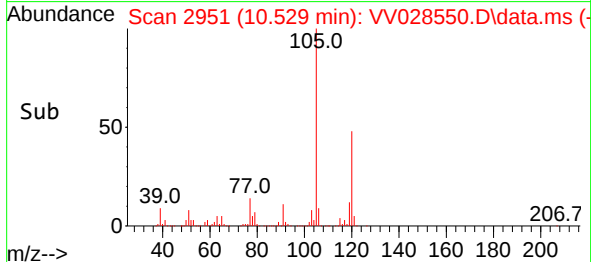
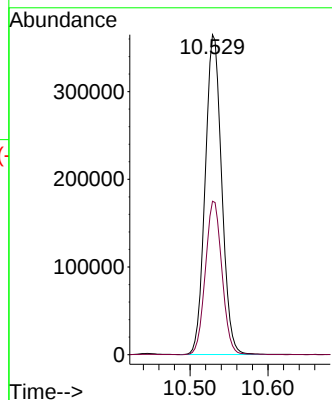
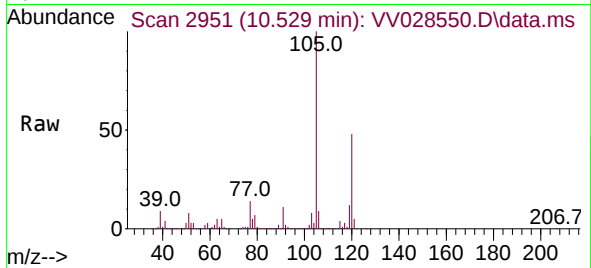
VSTD020262

Tgt Ion:105 Resp: 536702

Ion Ratio Lower Upper

105 100

120 48.3 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 23.851 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.003 min

Lab File: VV028550.D

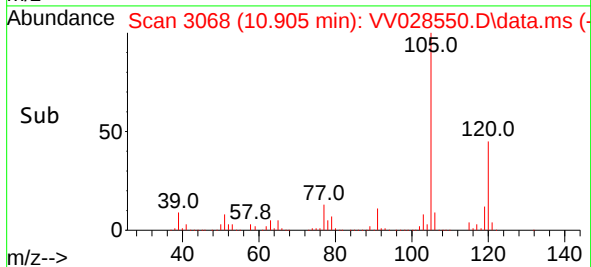
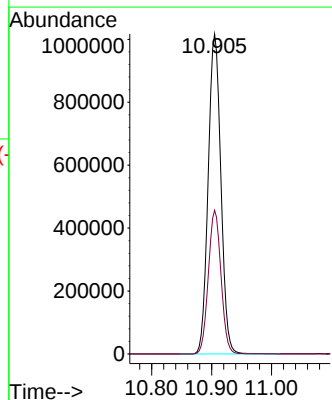
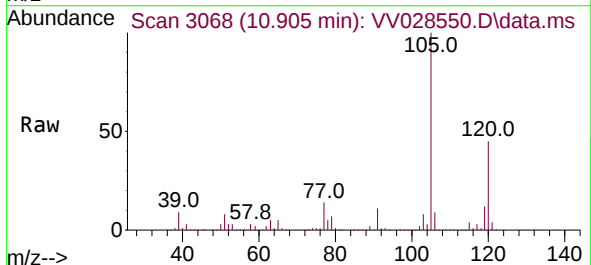
Acq: 14 Oct 2022 14:14

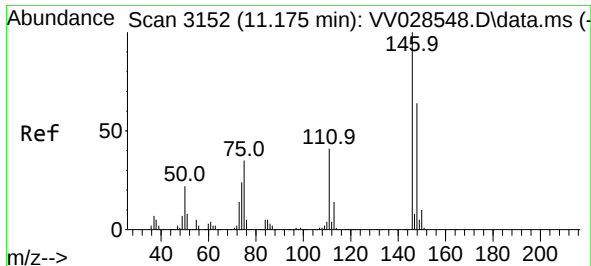
Tgt Ion:105 Resp: 1498599

Ion Ratio Lower Upper

105 100

120 44.7 35.6 53.4

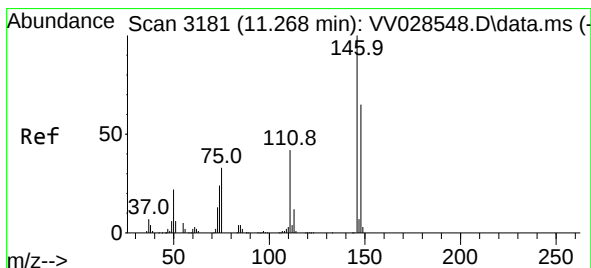
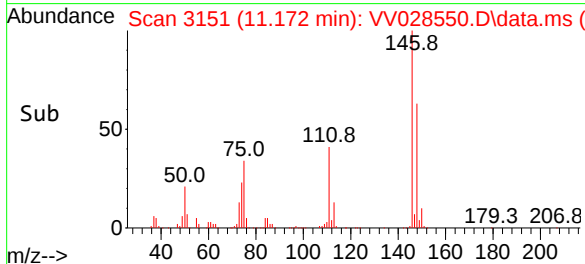
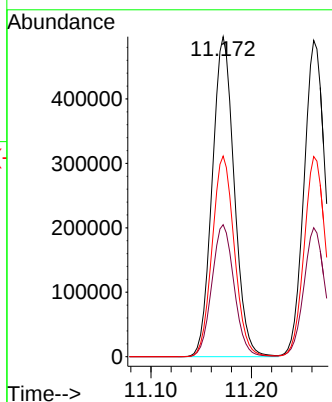
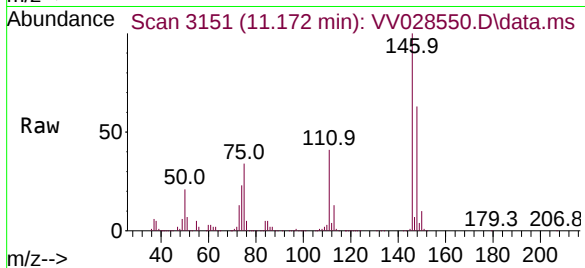




#64
 1,3-Dichlorobenzene
 Concen: 20.595 ug/L
 RT: 11.172 min Scan# 3152
 Delta R.T. -0.003 min
 Lab File: VV028550.D
 Acq: 14 Oct 2022 14:14

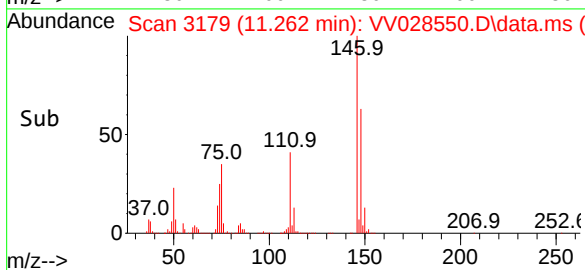
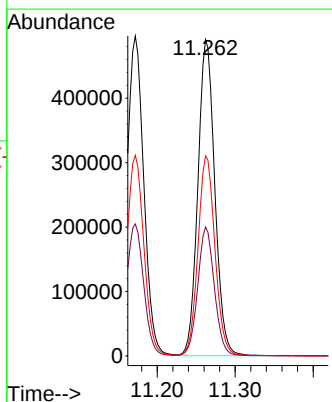
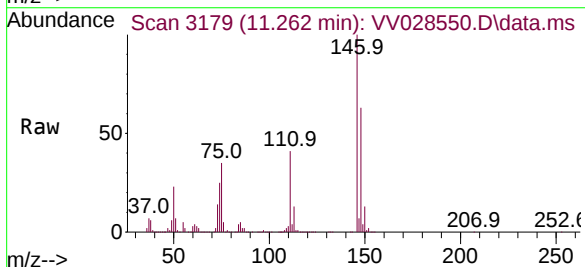
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020262

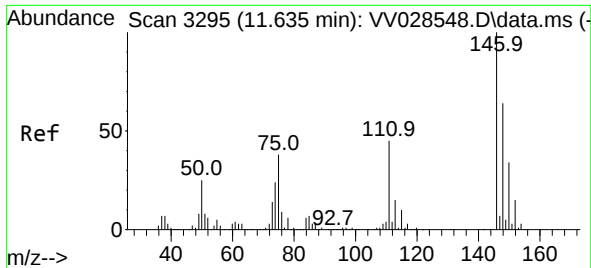
Tgt Ion:146 Resp: 755314
 Ion Ratio Lower Upper
 146 100
 111 41.3 28.5 52.9
 148 62.7 45.1 83.9



#65
 1,4-Dichlorobenzene
 Concen: 20.261 ug/L
 RT: 11.262 min Scan# 3179
 Delta R.T. -0.006 min
 Lab File: VV028550.D
 Acq: 14 Oct 2022 14:14

Tgt Ion:146 Resp: 739726
 Ion Ratio Lower Upper
 146 100
 111 40.8 29.4 54.6
 148 63.3 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 20.098 ug/L

RT: 11.632 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028550.D

Acq: 14 Oct 2022 14:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD020262

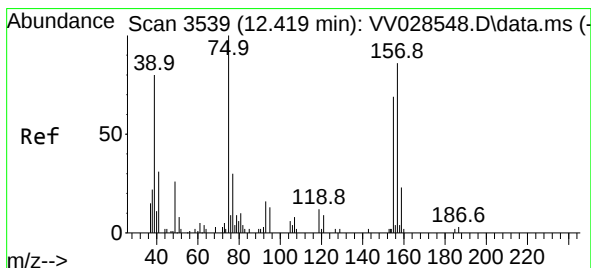
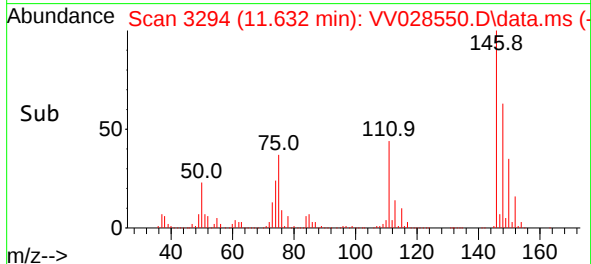
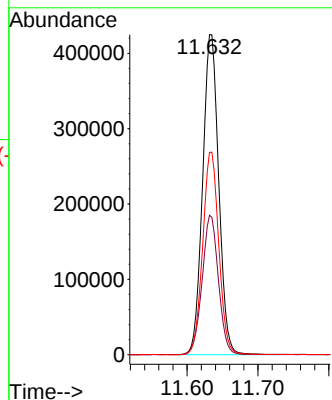
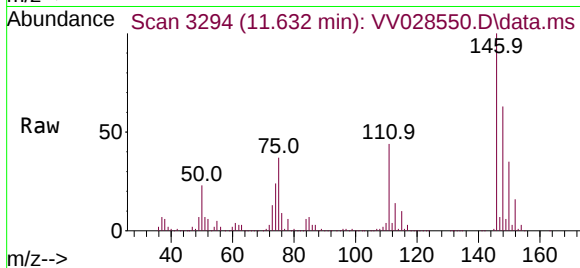
Tgt Ion:146 Resp: 669630

Ion Ratio Lower Upper

146 100

111 43.6 35.7 53.5

148 63.2 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 20.378 ug/L

RT: 12.416 min Scan# 3538

Delta R.T. -0.003 min

Lab File: VV028550.D

Acq: 14 Oct 2022 14:14

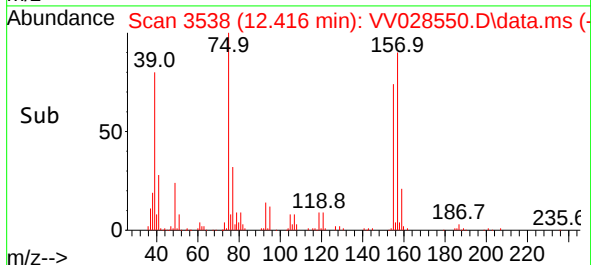
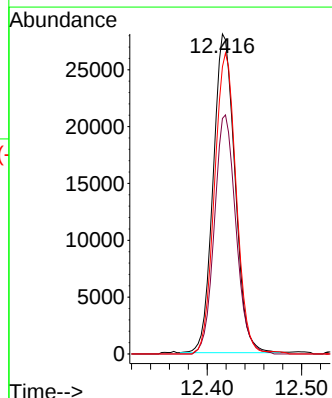
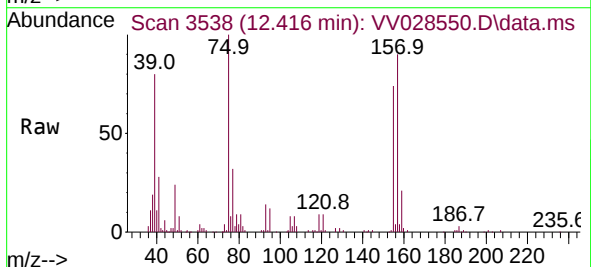
Tgt Ion: 75 Resp: 44826

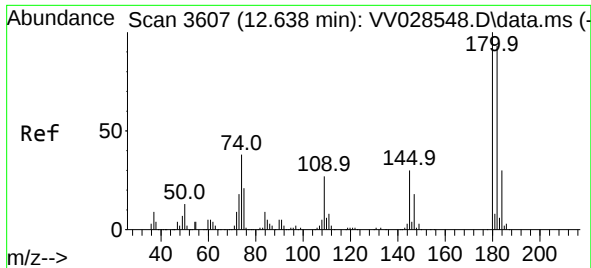
Ion Ratio Lower Upper

75 100

155 73.6 55.2 82.8

157 89.8 68.6 103.0

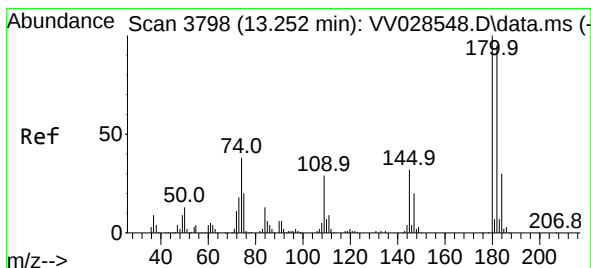
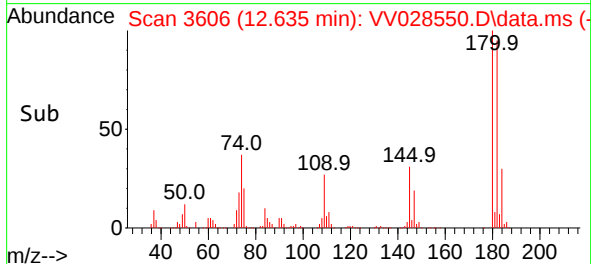
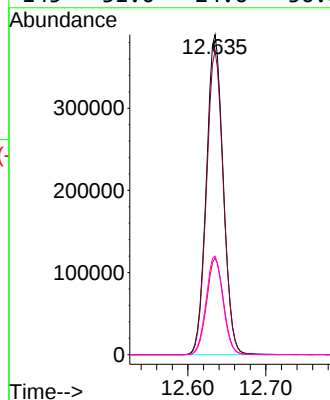
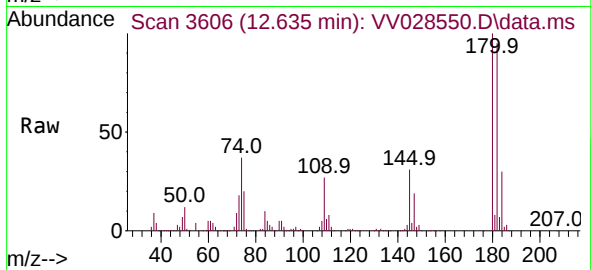




#69
 1,3,5-Trichlorobenzene
 Concen: 20.259 ug/L
 RT: 12.635 min Scan# 3607
 Delta R.T. -0.003 min
 Lab File: VV028550.D
 Acq: 14 Oct 2022 14:14

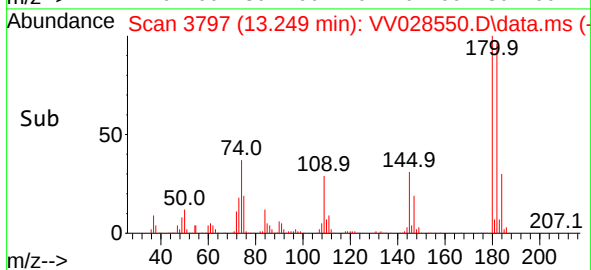
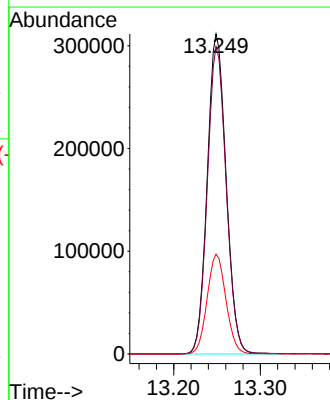
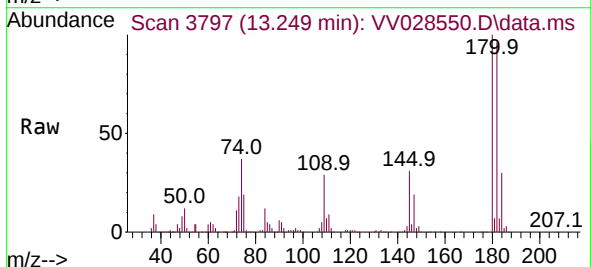
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020262

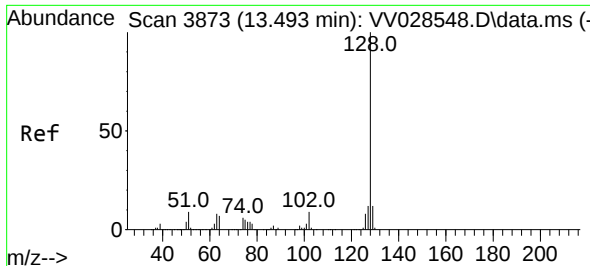
Tgt Ion:180	Resp: 584839
Ion Ratio	Lower Upper
180 100	
182 95.6	75.6 113.4
184 30.2	23.8 35.8
145 31.0	24.6 36.8



#70
 1,2,4-trichlorobenzene
 Concen: 21.373 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. -0.003 min
 Lab File: VV028550.D
 Acq: 14 Oct 2022 14:14

Tgt Ion:180	Resp: 471910
Ion Ratio	Lower Upper
180 100	
182 95.9	74.2 111.2
145 31.1	25.3 37.9

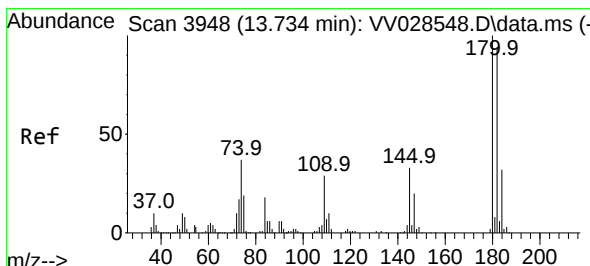
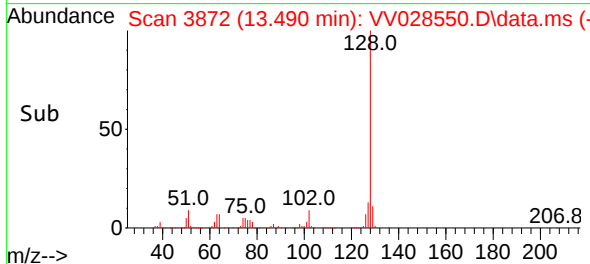
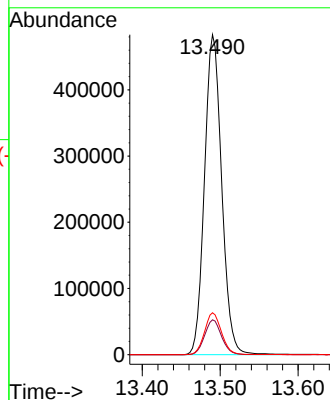
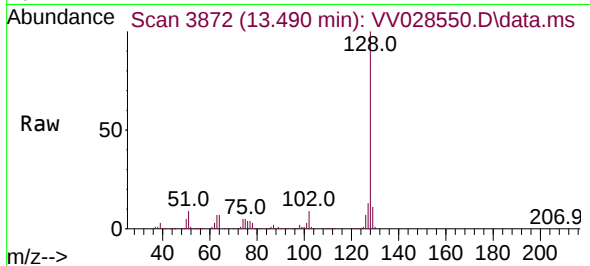




#71
Naphthalene
Concen: 21.223 ug/L
RT: 13.490 min Scan# 3873
Delta R.T. -0.003 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

Instrument :
MSVOA_V
ClientSampleId :
VSTD020262

Tgt Ion:128 Resp: 742134
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 12.9 10.1 15.1



#72
1,2,3-Trichlorobenzene
Concen: 19.749 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.003 min
Lab File: VV028550.D
Acq: 14 Oct 2022 14:14

Tgt Ion:180 Resp: 388001
Ion Ratio Lower Upper
180 100
182 95.8 76.3 114.5
145 32.8 25.8 38.8

