

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092122\
 Data File : VW028008.D
 Acq On : 21 Sep 2022 10:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050345

Quant Time: Sep 22 03:00:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 06:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	327889	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	317642	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	182082	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	121431	42.186	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.380%
7) Chloroethane-d5	1.561	69	105061	45.689	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.380%
11) 1,1-Dichloroethene-d2	2.098	63	230996	45.298	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.600%
21) 2-Butanone-d5	3.879	46	226786	132.494	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	132.490%#
24) Chloroform-d	4.336	84	251142	51.966	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.940%
26) 1,2-Dichloroethane-d4	5.021	65	172313	55.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.040%
32) Benzene-d6	5.037	84	487471	53.244	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.480%
36) 1,2-Dichloropropane-d6	6.059	67	159426	56.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.780%
41) Toluene-d8	7.307	98	439981	52.479	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.960%
43) trans-1,3-Dichloroprop...	7.615	79	78211	55.322	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.640%
47) 2-Hexanone-d5	8.082	63	167474	120.922	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.920%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	238708	57.366	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.740%
66) 1,2-Dichlorobenzene-d4	11.619	152	174293	49.310	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	109362	44.103	ug/L	98
3) Chloromethane	1.236	50	129328	44.651	ug/L	99
5) Vinyl chloride	1.304	62	131240	44.564	ug/L	97
6) Bromomethane	1.516	94	95070	49.450	ug/L	96
8) Chloroethane	1.577	64	89580	48.030	ug/L	99
9) Trichlorofluoromethane	1.744	101	211526	48.759	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	115570	48.560	ug/L	99
12) 1,1-Dichloroethene	2.108	96	111305	46.786	ug/L	91
13) Acetone	2.175	43	158149	103.675	ug/L	99
14) Carbon disulfide	2.285	76	318418	50.582	ug/L	100
15) Methyl Acetate	2.429	43	167413	63.534	ug/L	97
16) Methylene chloride	2.497	84	144791	51.909	ug/L	96
17) trans-1,2-Dichloroethene	2.751	96	118881	52.505	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	423712	59.614	ug/L	99
19) 1,1-Dichloroethane	3.178	63	229882	52.557	ug/L	100
20) cis-1,2-Dichloroethene	3.899	96	136816	54.178	ug/L	98
22) 2-Butanone	3.963	43	215600	118.729	ug/L	100
23) Bromochloromethane	4.236	128	73997	54.295	ug/L	96
25) Chloroform	4.362	83	246279	52.740	ug/L	98

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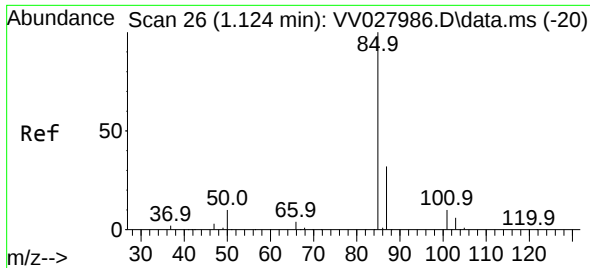
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	203612	56.222	ug/L	100
29) Cyclohexane	4.664	56	182944	52.760	ug/L	98
30) 1,1,1-Trichloroethane	4.596	97	208276	53.264	ug/L	99
31) Carbon tetrachloride	4.815	117	176215	50.745	ug/L	98
33) Benzene	5.088	78	530307	55.960	ug/L	100
34) Trichloroethene	5.905	95	123588	52.627	ug/L	97
35) Methylcyclohexane	6.120	83	197561	52.124	ug/L	98
37) 1,2-Dichloropropane	6.165	63	143754	57.827	ug/L	99
38) Bromodichloromethane	6.500	83	191401	55.140	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	201759	53.596	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	432939	122.108	ug/L	99
42) Toluene	7.381	91	554815	55.248	ug/L	97
44) trans-1,3-Dichloropropene	7.644	75	210920	56.164	ug/L	98
45) 1,1,2-Trichloroethane	7.831	97	143309	57.144	ug/L	99
46) Tetrachloroethene	7.969	164	98913	50.626	ug/L	98
48) 2-Hexanone	8.133	43	350497	121.849	ug/L	98
49) Dibromochloromethane	8.239	129	154746	55.895	ug/L	94
50) 1,2-Dibromoethane	8.345	107	145394	56.532	ug/L	98
51) Chlorobenzene	8.876	112	341186	50.893	ug/L	99
52) Ethylbenzene	9.008	91	567773	52.371	ug/L	99
53) m,p-Xylene	9.133	106	223589	53.789	ug/L	99
54) o-Xylene	9.538	106	221361	55.192	ug/L	97
55) Styrene	9.554	104	402274	56.524	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	238405	56.677	ug/L	97
59) Bromoform	9.725	173	115832	54.973	ug/L	97
60) Isopropylbenzene	9.927	105	565689	52.531	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	190124	55.625	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	465101	50.506	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	487851	53.121	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	278657	50.770	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	284096	50.521	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	290319	52.054	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.422	75	54651	52.034	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	212863	49.456	ug/L	99
70) 1,2,4-trichlorobenzene	13.255	180	186227	48.283	ug/L	99
71) Naphthalene	13.496	128	644525	52.050	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	203198	51.009	ug/L	99

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

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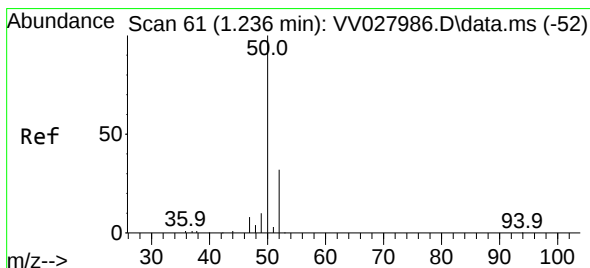
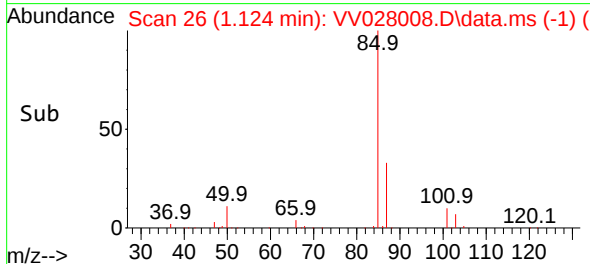
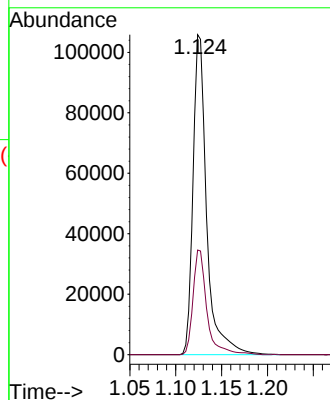
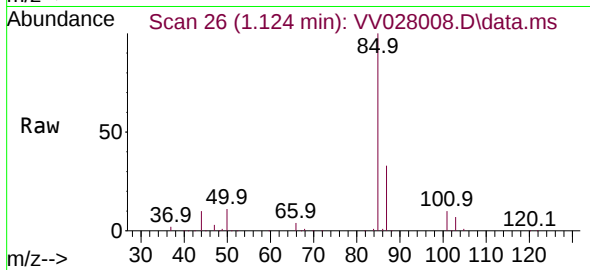




#2
 Dichlorodifluoromethane
 Concen: 44.103 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: VV028008.D
 Acq: 21 Sep 2022 10:49

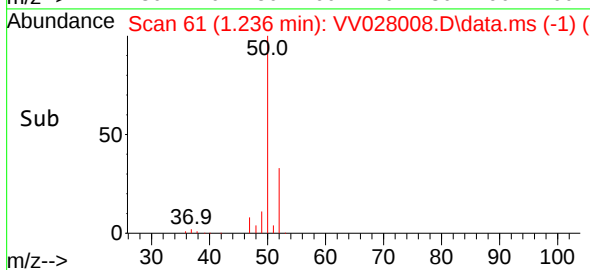
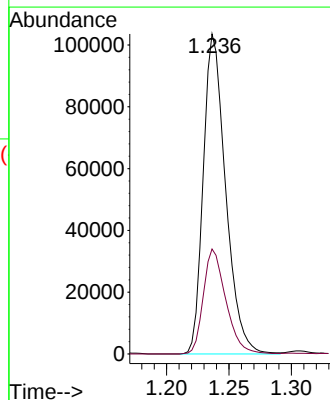
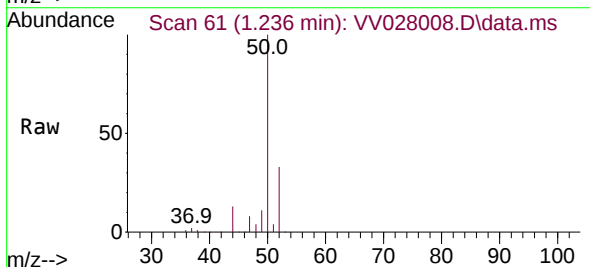
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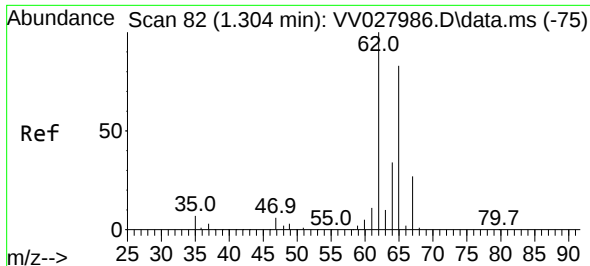
Tgt Ion: 85 Resp: 109362
 Ion Ratio Lower Upper
 85 100
 87 33.2 25.8 38.8



#3
 Chloromethane
 Concen: 44.651 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV028008.D
 Acq: 21 Sep 2022 10:49

Tgt Ion: 50 Resp: 129328
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.2 43.0

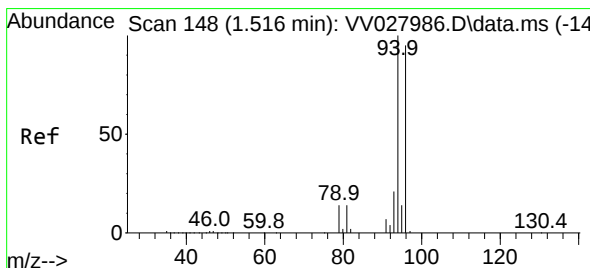
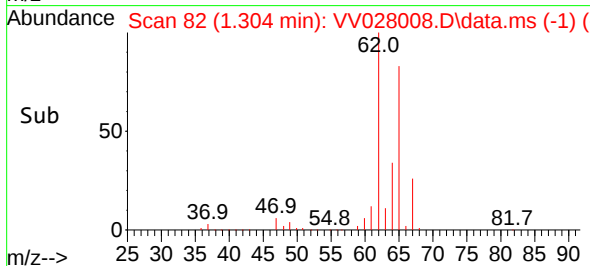
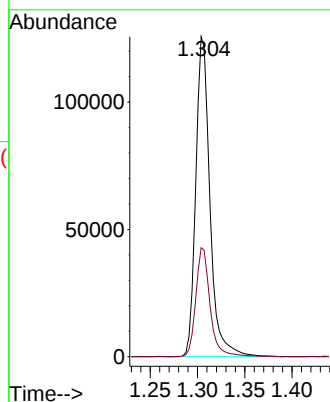
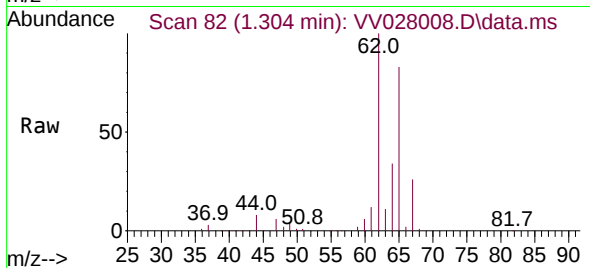




#5
 Vinyl chloride
 Concen: 44.564 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028008.D
 Acq: 21 Sep 2022 10:49

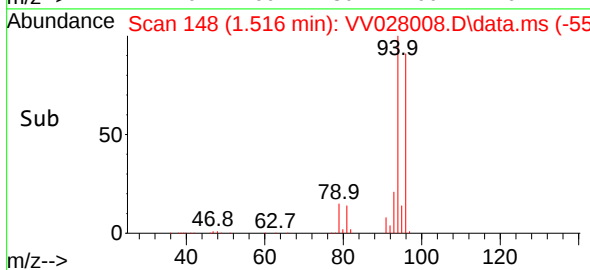
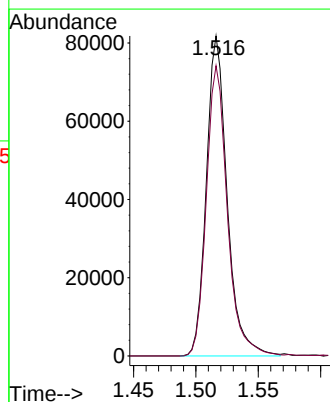
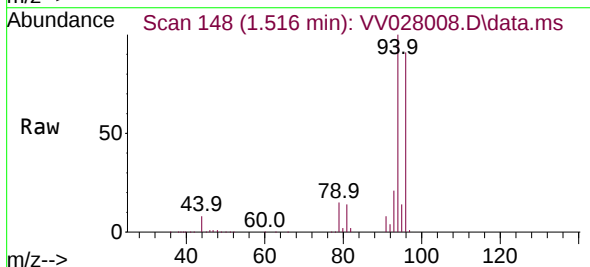
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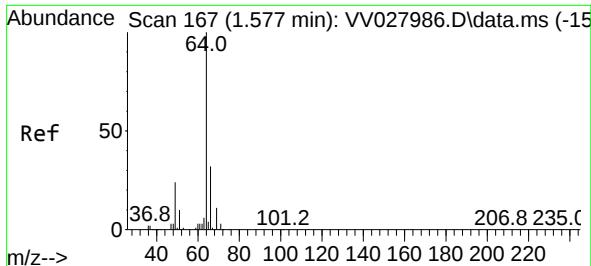
Tgt Ion: 62 Resp: 131240
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.7 42.3



#6
 Bromomethane
 Concen: 49.450 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV028008.D
 Acq: 21 Sep 2022 10:49

Tgt Ion: 94 Resp: 95070
 Ion Ratio Lower Upper
 94 100
 96 90.7 66.4 123.2

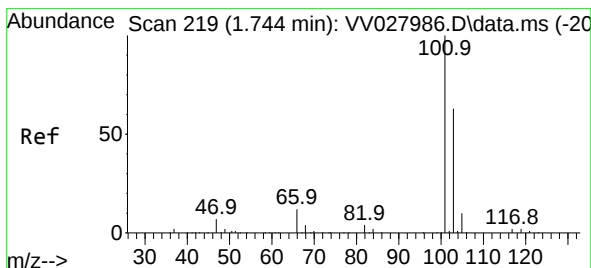
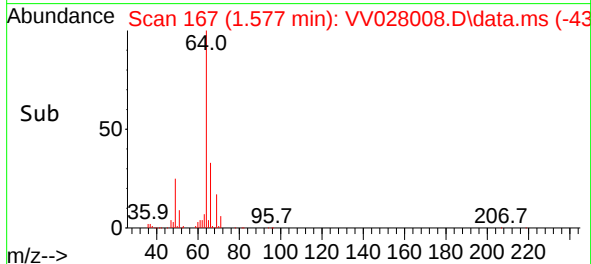
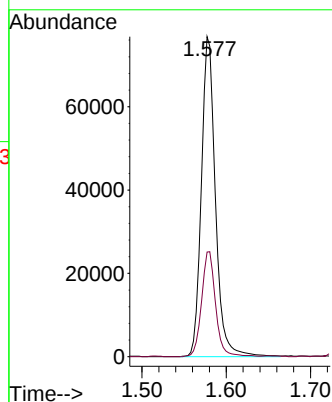
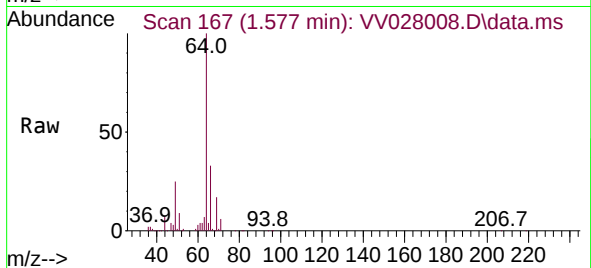




#8
Chloroethane
Concen: 48.030 ug/L
RT: 1.577 min Scan# 167
Delta R.T. -0.000 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

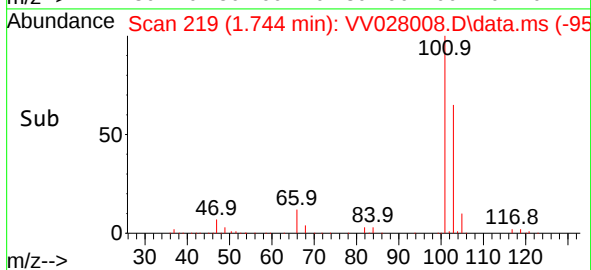
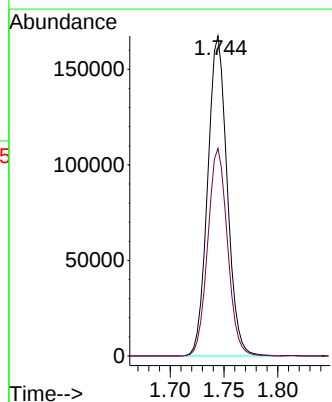
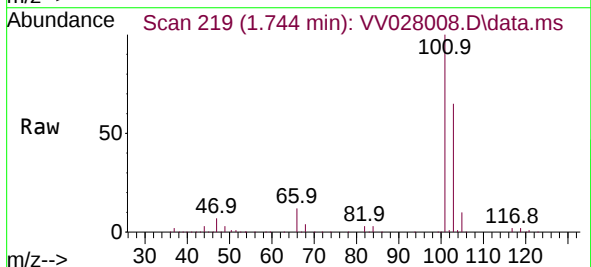
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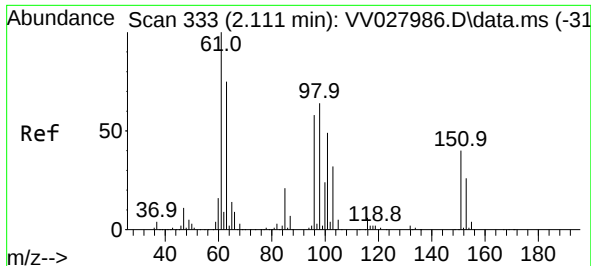
Tgt Ion: 64 Resp: 89580
Ion Ratio Lower Upper
64 100
66 32.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 48.759 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.000 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

Tgt Ion:101 Resp: 211526
Ion Ratio Lower Upper
101 100
103 65.5 51.3 76.9

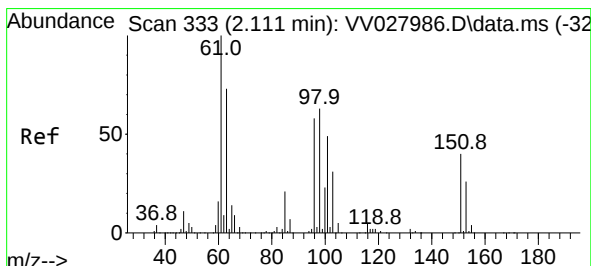
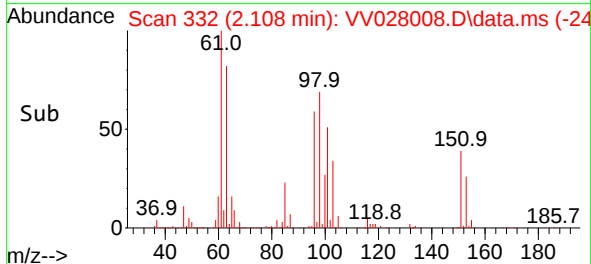
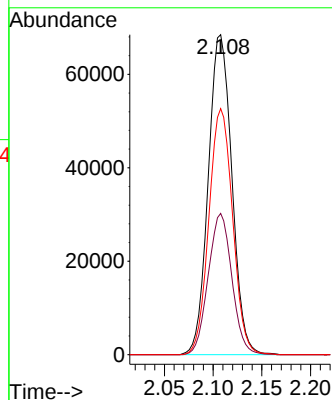
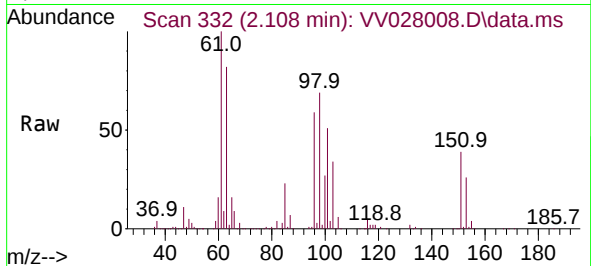




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.560 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV028008.D
 Acq: 21 Sep 2022 10:49

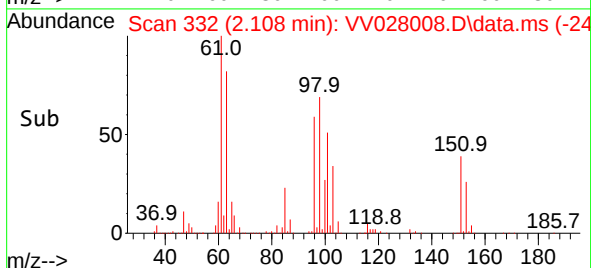
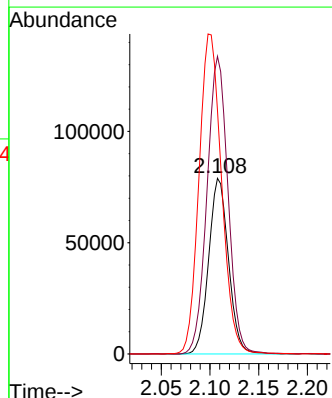
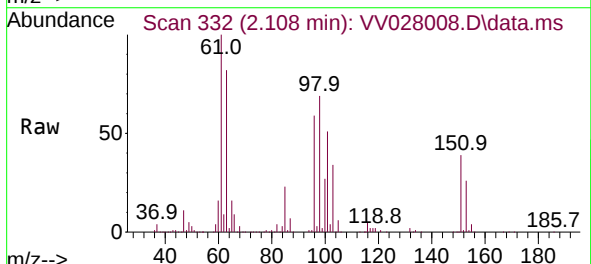
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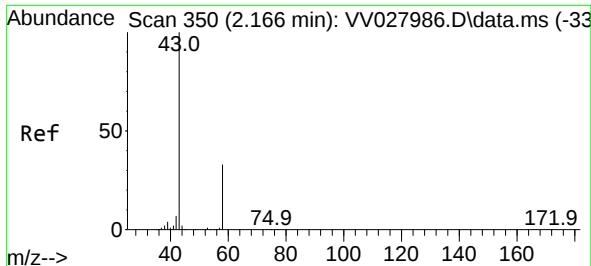
Tgt Ion:101 Resp: 115570
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.6 53.4
 151 77.3 62.2 93.4



#12
 1,1-Dichloroethene
 Concen: 46.786 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.003 min
 Lab File: VV028008.D
 Acq: 21 Sep 2022 10:49

Tgt Ion: 96 Resp: 111305
 Ion Ratio Lower Upper
 96 100
 61 169.4 123.7 229.7
 63 138.6 108.6 201.6





#13

Acetone

Concen: 103.675 ug/L

RT: 2.175 min Scan# 353

Delta R.T. 0.009 min

Lab File: VV028008.D

Acq: 21 Sep 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

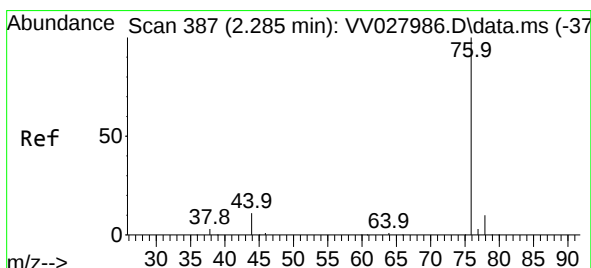
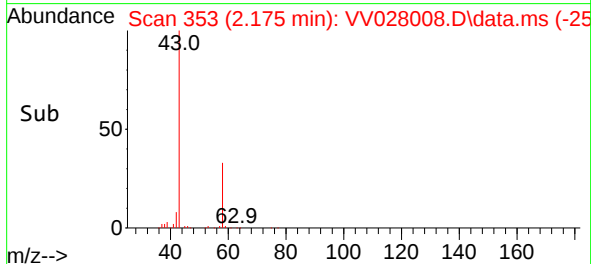
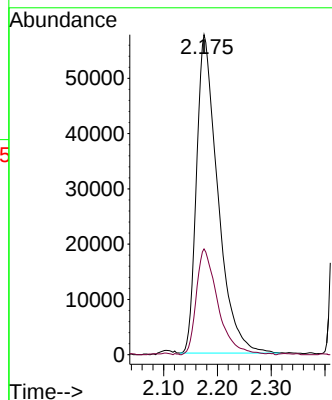
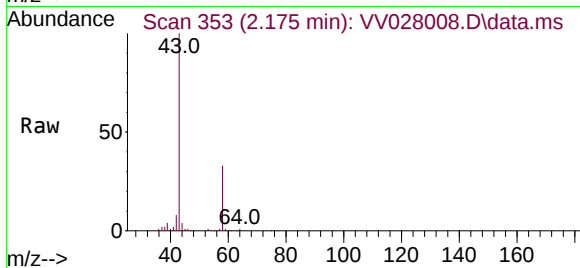
VSTD050345

Tgt Ion: 43 Resp: 158149

Ion Ratio Lower Upper

43 100

58 33.5 0.0 66.2



#14

Carbon disulfide

Concen: 50.582 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.000 min

Lab File: VV028008.D

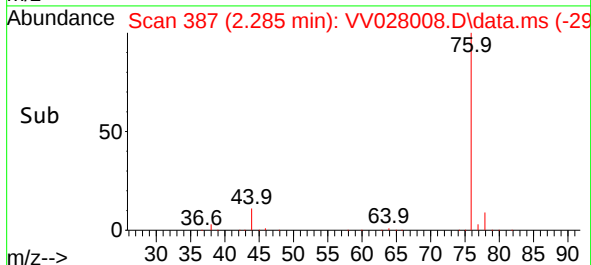
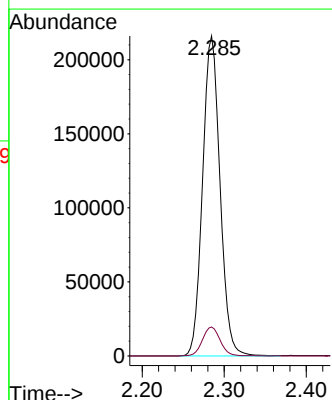
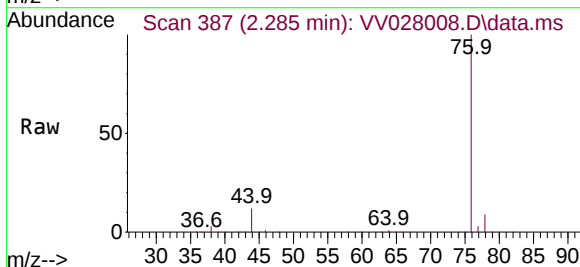
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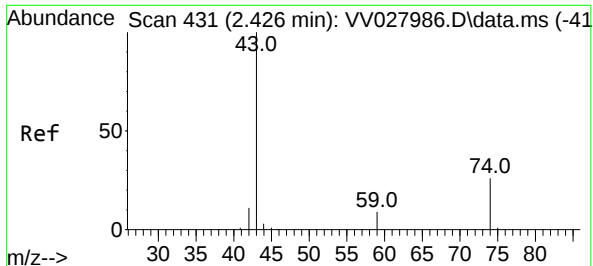
Tgt Ion: 76 Resp: 318418

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

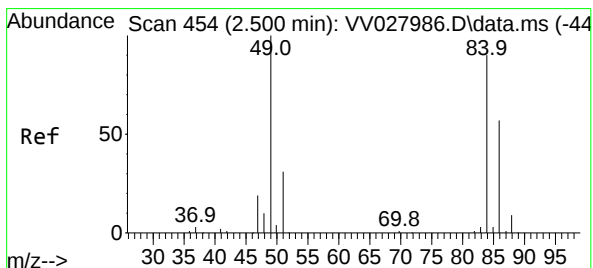
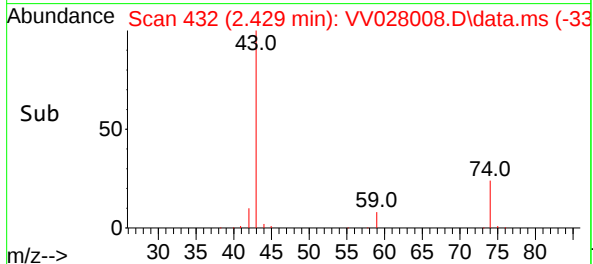
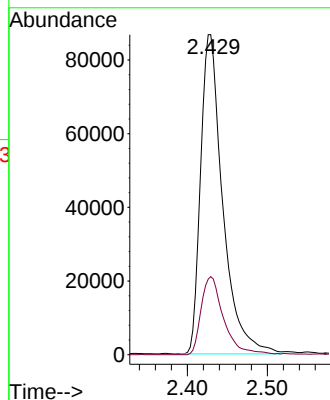
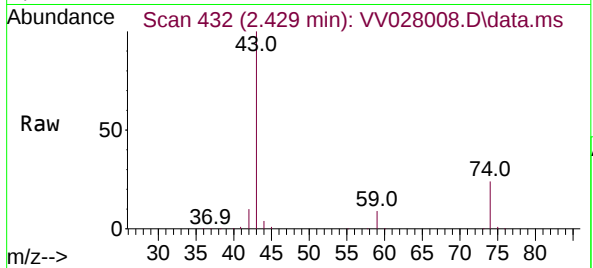




#15
Methyl Acetate
Concen: 63.534 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

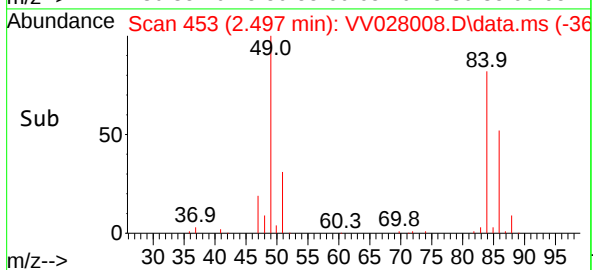
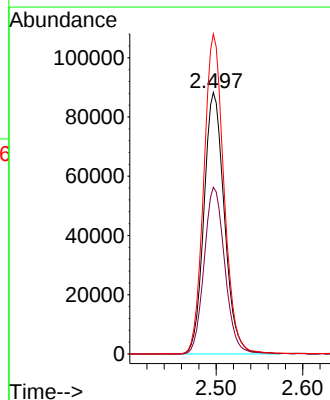
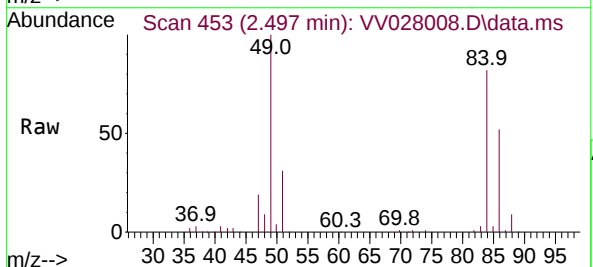
Instrument :
MSVOA_V
ClientSampleId :
VSTD050345

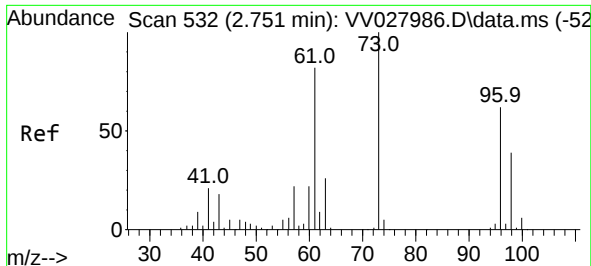
Tgt Ion: 43 Resp: 167413
Ion Ratio Lower Upper
43 100
74 24.8 20.9 31.3



#16
Methylene chloride
Concen: 51.909 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

Tgt Ion: 84 Resp: 144791
Ion Ratio Lower Upper
84 100
86 63.8 44.2 82.2
49 122.4 80.8 150.0





#17

trans-1,2-Dichloroethene

Concen: 52.505 ug/L

RT: 2.751 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV028008.D

Acq: 21 Sep 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD050345

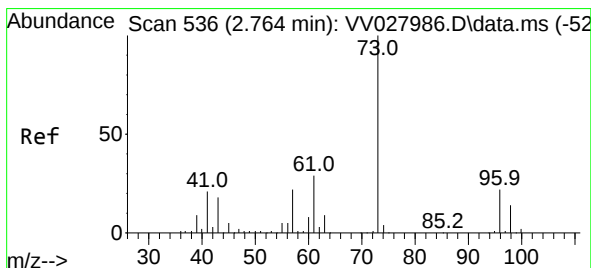
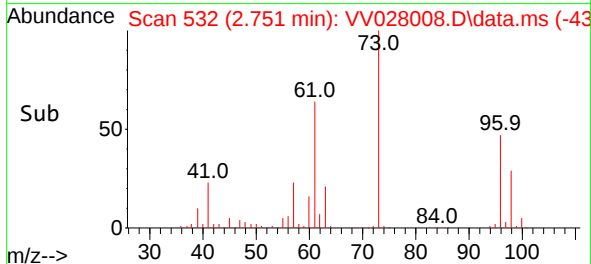
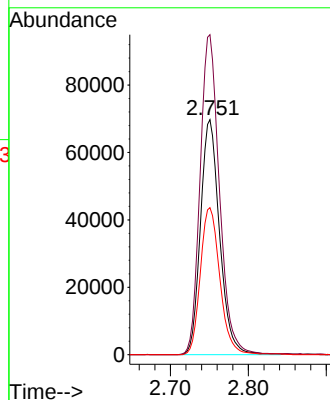
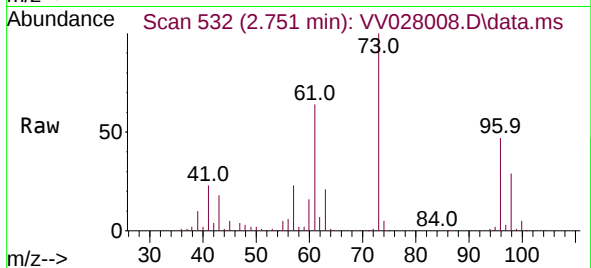
Tgt Ion: 96 Resp: 118881

Ion Ratio Lower Upper

96 100

61 136.2 92.3 171.5

98 62.5 44.1 81.9



#18

Methyl tert-butyl Ether

Concen: 59.614 ug/L

RT: 2.764 min Scan# 536

Delta R.T. -0.000 min

Lab File: VV028008.D

Acq: 21 Sep 2022 10:49

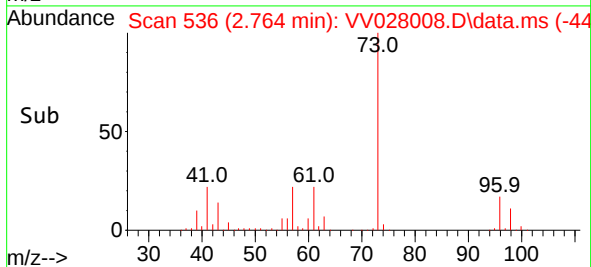
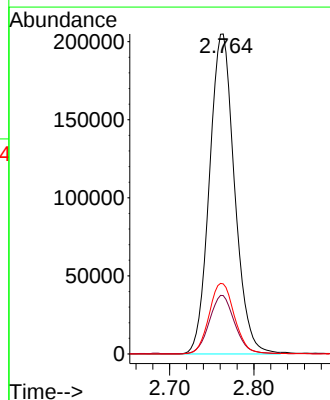
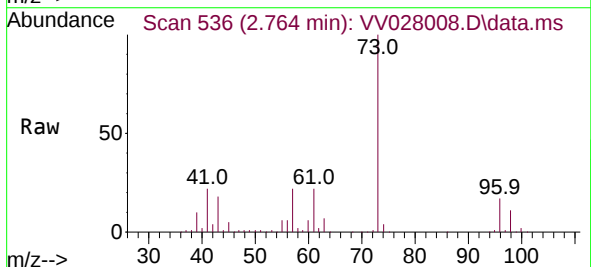
Tgt Ion: 73 Resp: 423712

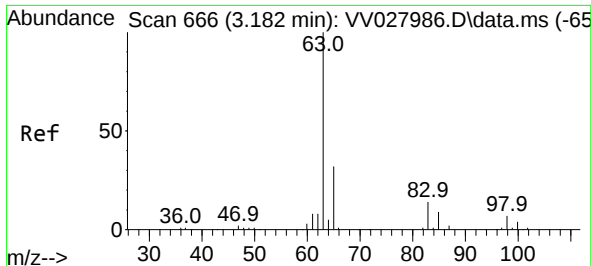
Ion Ratio Lower Upper

73 100

43 18.3 14.5 21.7

57 22.4 17.4 26.0





#19

1,1-Dichloroethane

Concen: 52.557 ug/L

RT: 3.178 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV028008.D

Acq: 21 Sep 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD050345

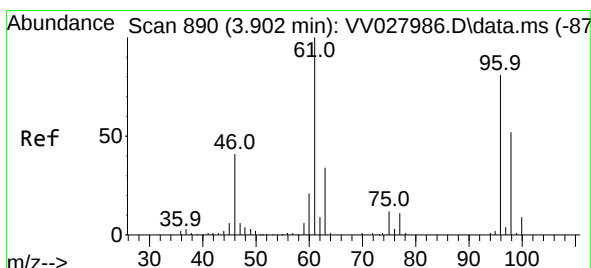
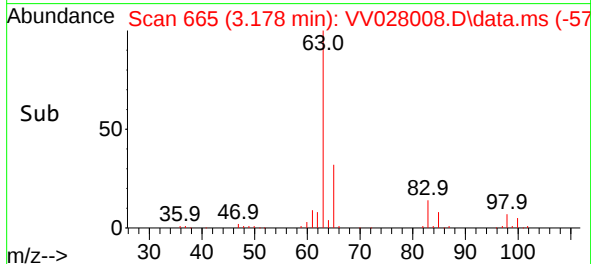
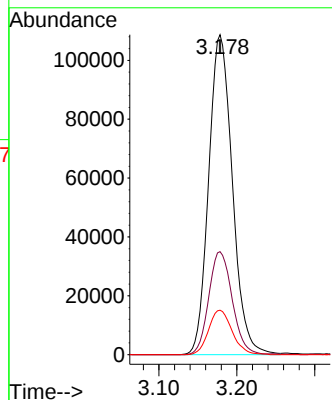
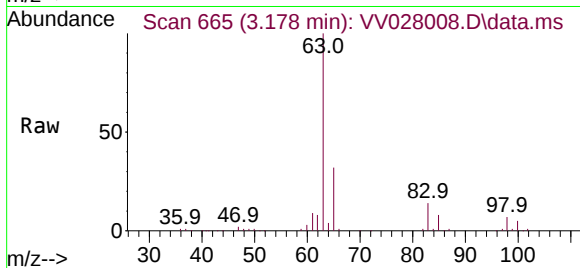
Tgt Ion: 63 Resp: 229882

Ion Ratio Lower Upper

63 100

65 32.2 22.5 41.7

83 13.9 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 54.178 ug/L

RT: 3.899 min Scan# 889

Delta R.T. -0.003 min

Lab File: VV028008.D

Acq: 21 Sep 2022 10:49

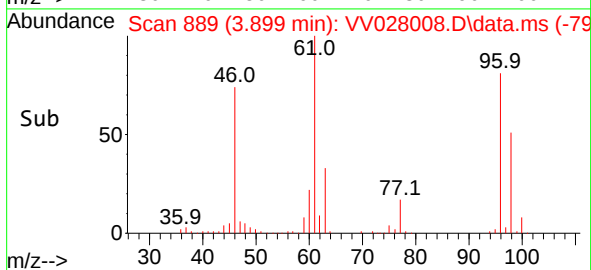
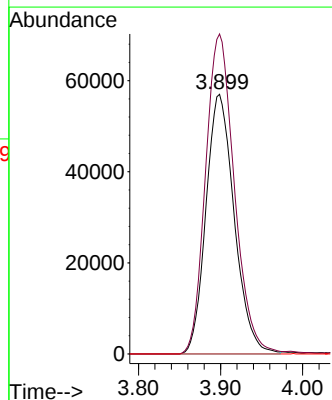
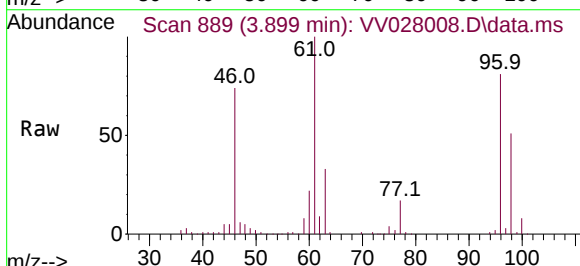
Tgt Ion: 96 Resp: 136816

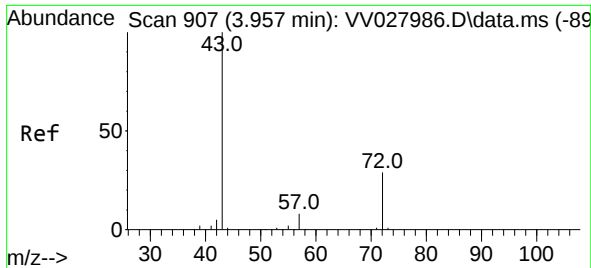
Ion Ratio Lower Upper

96 100

61 123.2 84.4 156.8

68 0.0 0.0 0.0

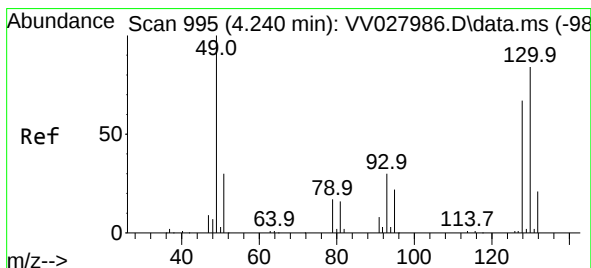
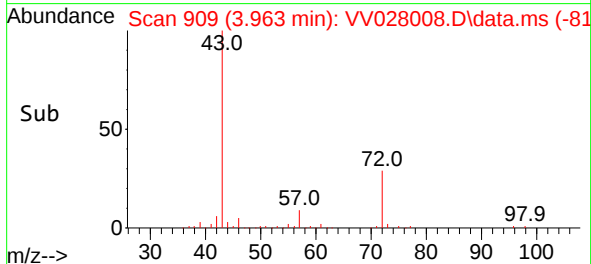
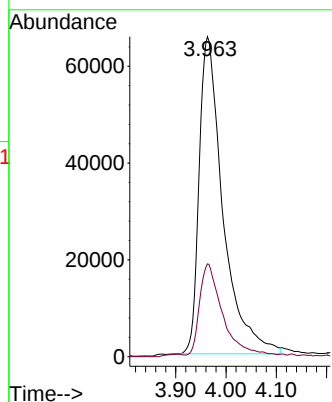
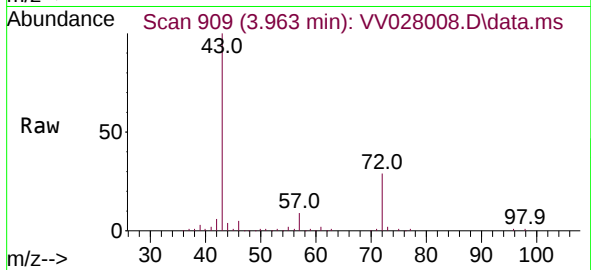




#22
2-Butanone
Concen: 118.729 ug/L
RT: 3.963 min Scan# 907
Delta R.T. 0.006 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

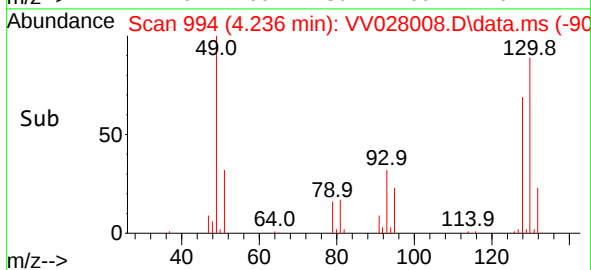
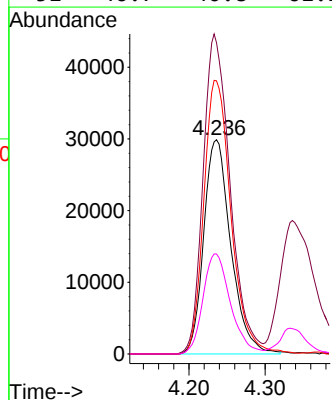
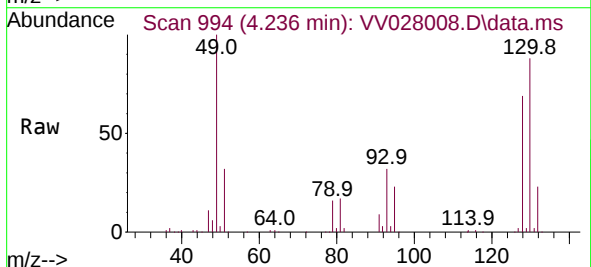
Instrument :
MSVOA_V
ClientSampleId :
VSTD050345

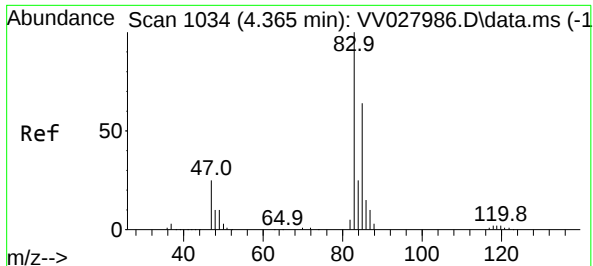
Tgt Ion: 43 Resp: 215600
Ion Ratio Lower Upper
43 100
72 26.9 13.5 40.4



#23
Bromochloromethane
Concen: 54.295 ug/L
RT: 4.236 min Scan# 994
Delta R.T. -0.003 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

Tgt Ion:128 Resp: 73997
Ion Ratio Lower Upper
128 100
49 145.3 107.0 198.6
130 127.5 88.3 164.1
51 46.7 40.8 61.2





#25

Chloroform

Concen: 52.740 ug/L

RT: 4.362 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV028008.D

Acq: 21 Sep 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

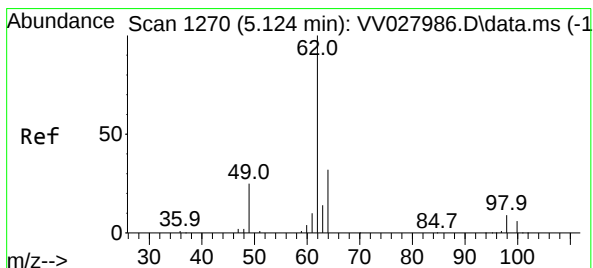
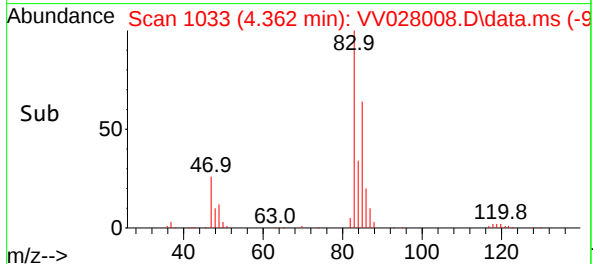
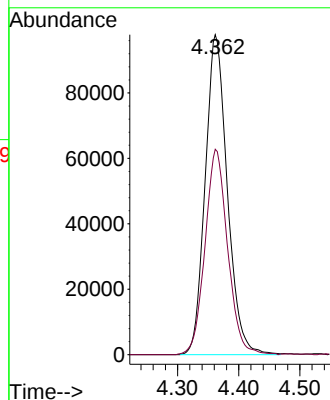
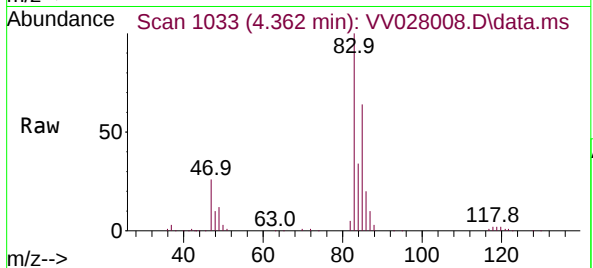
VSTD050345

Tgt Ion: 83 Resp: 246279

Ion Ratio Lower Upper

83 100

85 64.2 46.3 85.9



#27

1,2-Dichloroethane

Concen: 56.222 ug/L

RT: 5.120 min Scan# 1269

Delta R.T. -0.003 min

Lab File: VV028008.D

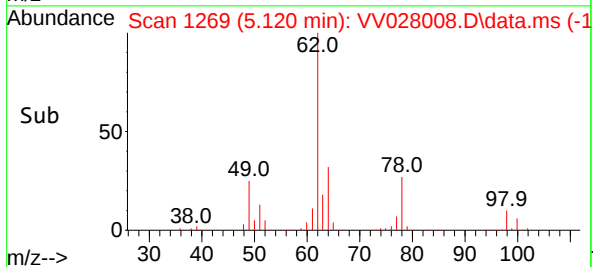
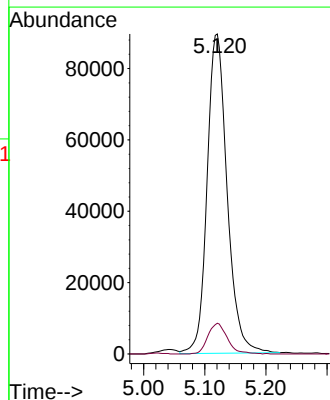
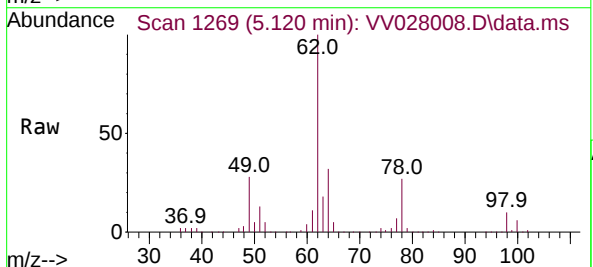
Acq: 21 Sep 2022 10:49

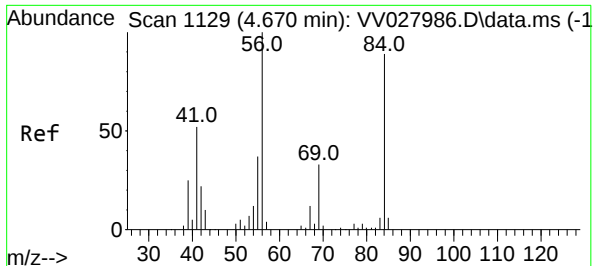
Tgt Ion: 62 Resp: 203612

Ion Ratio Lower Upper

62 100

98 9.6 7.6 11.4





#29

Cyclohexane

Concen: 52.760 ug/L

RT: 4.664 min Scan# 1127

Delta R.T. -0.007 min

Lab File: VV028008.D

Acq: 21 Sep 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD050345

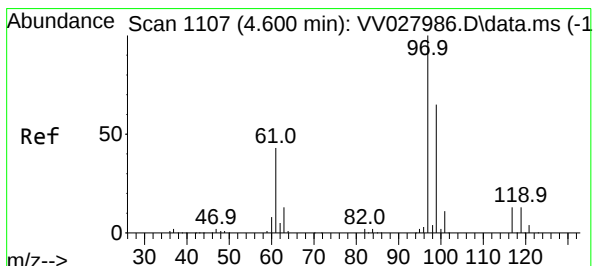
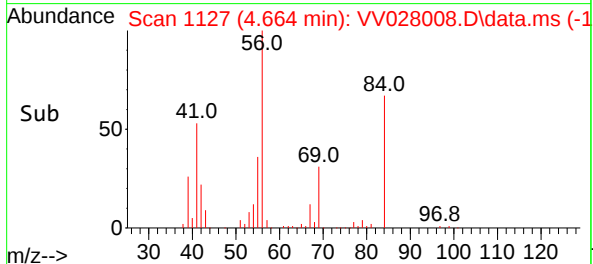
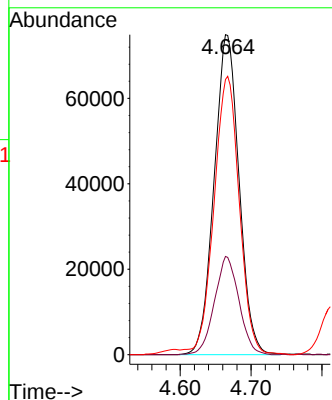
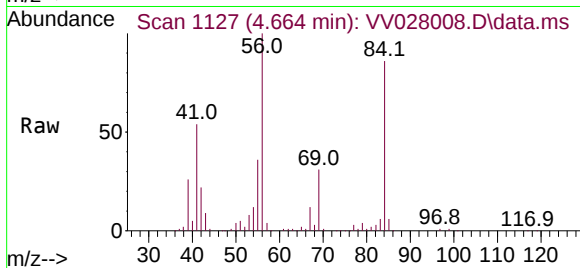
Tgt Ion: 56 Resp: 182944

Ion Ratio Lower Upper

56 100

69 30.1 24.6 36.8

84 88.0 69.0 103.6



#30

1,1,1-Trichloroethane

Concen: 53.264 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VV028008.D

Acq: 21 Sep 2022 10:49

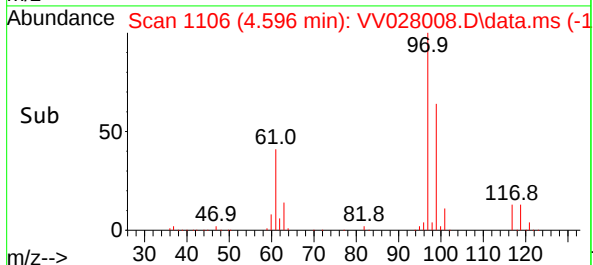
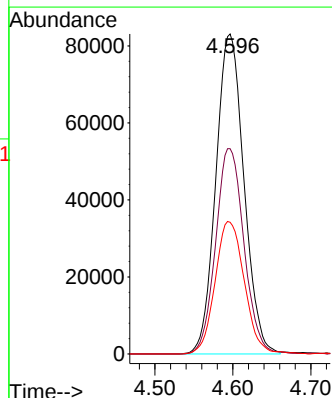
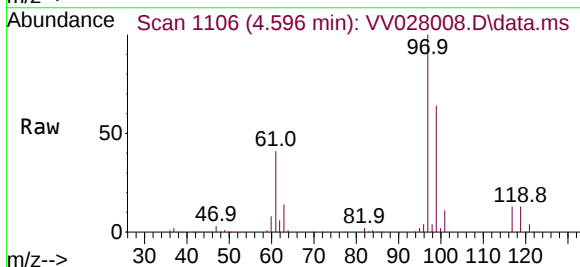
Tgt Ion: 97 Resp: 208276

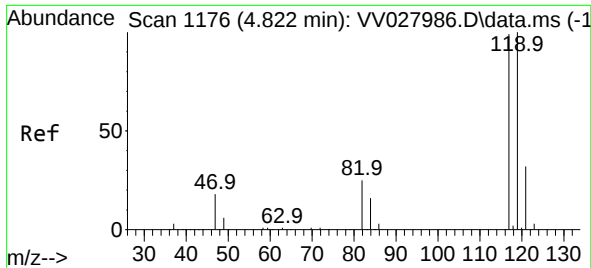
Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.0

61 43.0 35.2 52.8

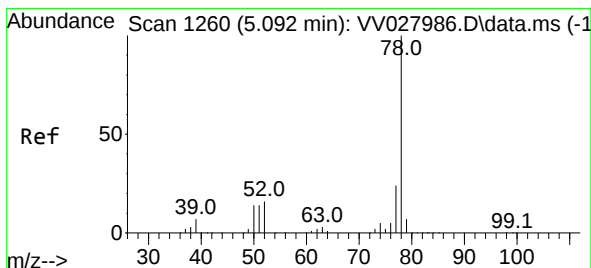
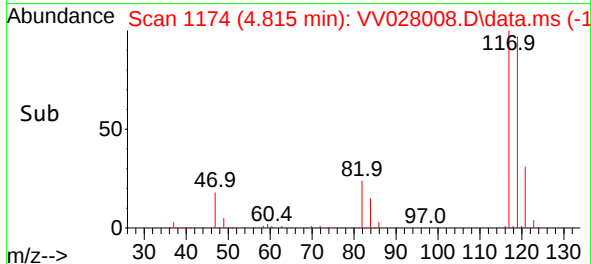
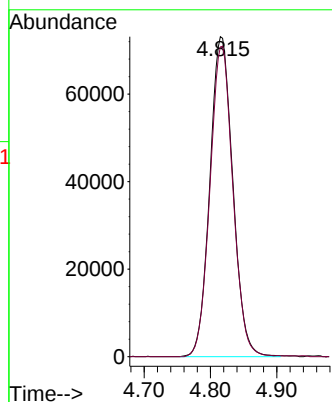
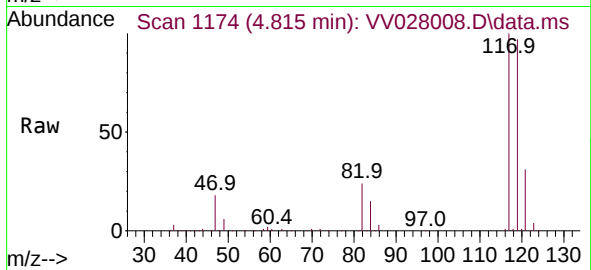




#31
Carbon tetrachloride
Concen: 50.745 ug/L
RT: 4.815 min Scan# 1176
Delta R.T. -0.007 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

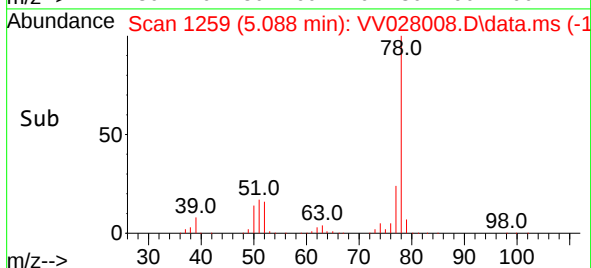
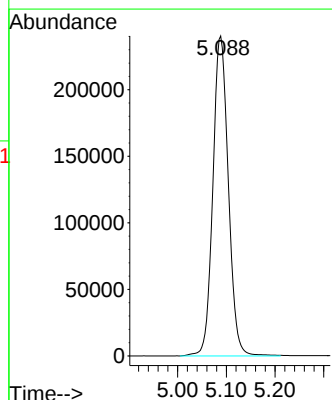
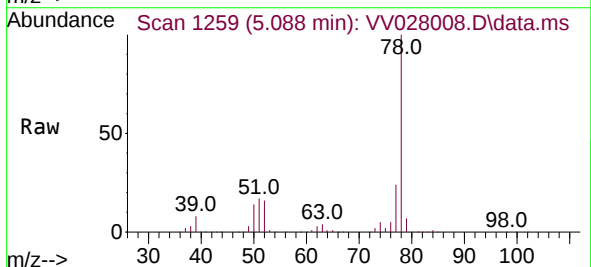
Instrument :
MSVOA_V
ClientSampleId :
VSTD050345

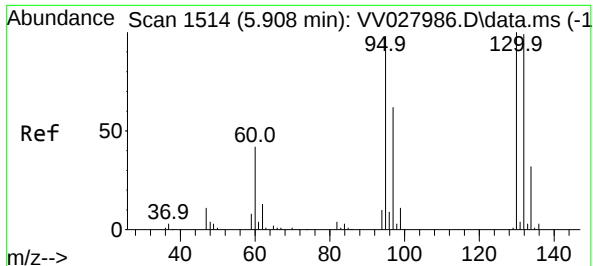
Tgt Ion:117 Resp: 176215
Ion Ratio Lower Upper
117 100
119 96.6 75.6 113.4



#33
Benzene
Concen: 55.960 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

Tgt Ion: 78 Resp: 530307



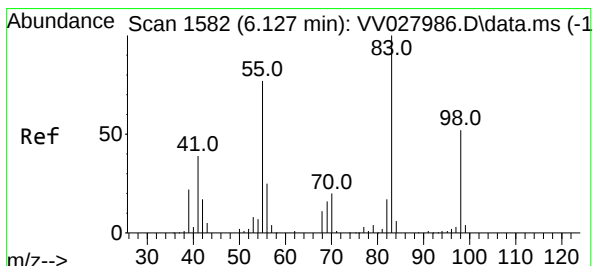
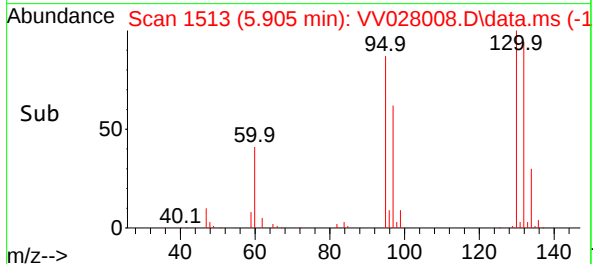
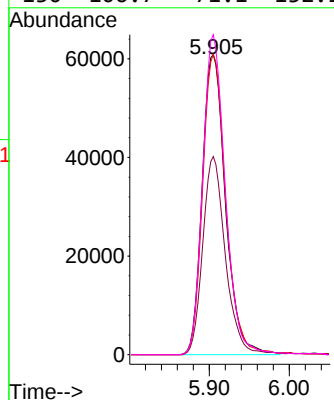
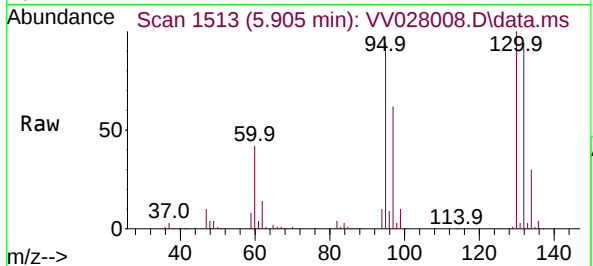


#34
Trichloroethene
Concen: 52.627 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.003 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD050345

Tgt Ion: 95 Resp: 123588

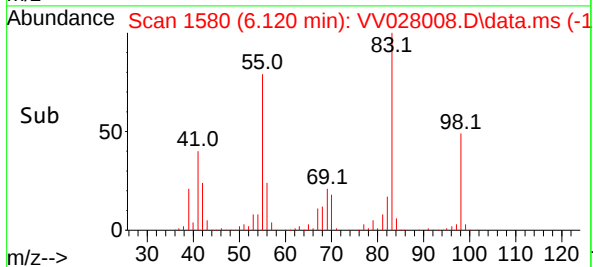
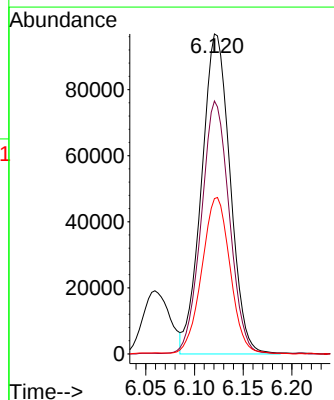
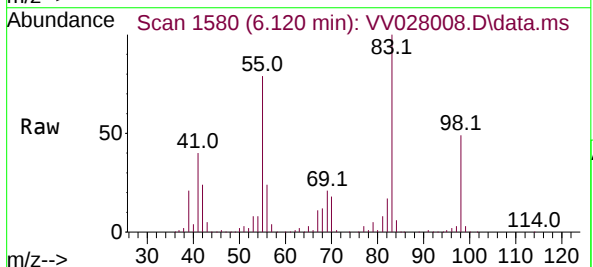
Ion	Ratio	Lower	Upper
95	100		
97	66.0	45.4	84.2
132	100.1	69.2	128.6
130	106.7	71.1	132.1

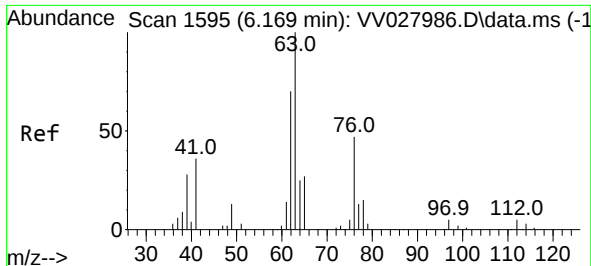


#35
Methylcyclohexane
Concen: 52.124 ug/L
RT: 6.120 min Scan# 1580
Delta R.T. -0.007 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

Tgt Ion: 83 Resp: 197561

Ion	Ratio	Lower	Upper
83	100		
55	77.6	63.0	94.4
98	48.0	39.5	59.3





#37

1,2-Dichloropropane

Concen: 57.827 ug/L

RT: 6.165 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV028008.D

Acq: 21 Sep 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

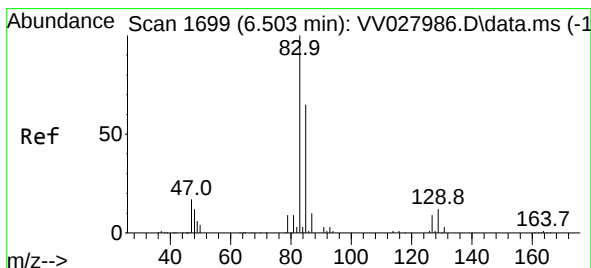
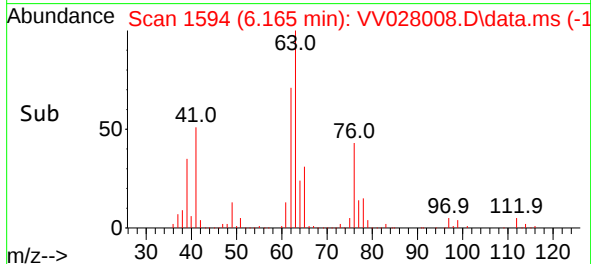
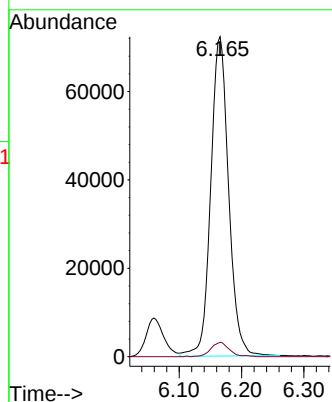
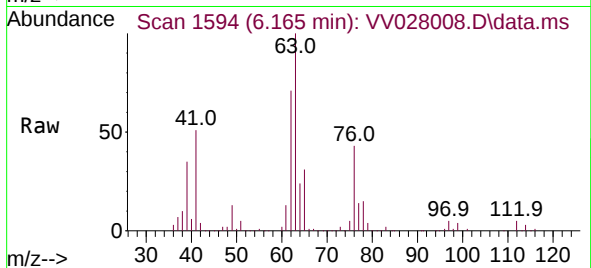
VSTD050345

Tgt Ion: 63 Resp: 143754

Ion Ratio Lower Upper

63 100

112 4.6 3.4 5.0



#38

Bromodichloromethane

Concen: 55.140 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VV028008.D

Acq: 21 Sep 2022 10:49

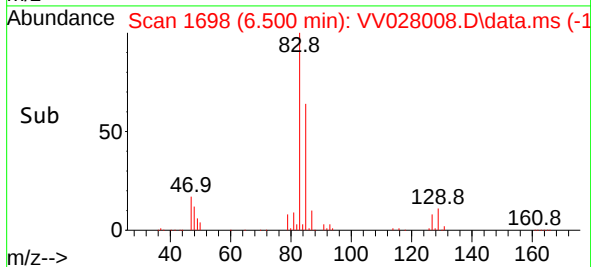
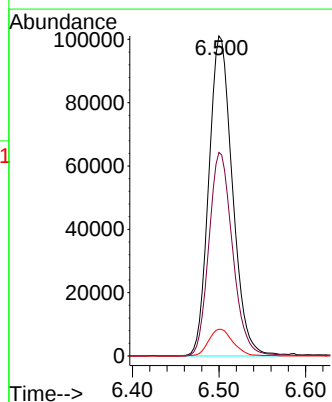
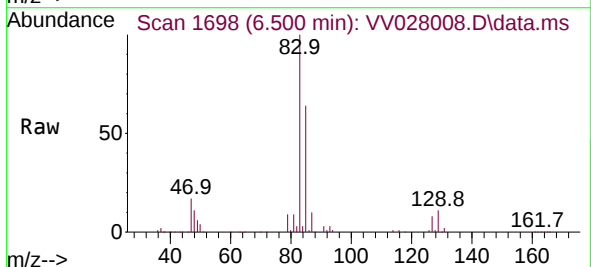
Tgt Ion: 83 Resp: 191401

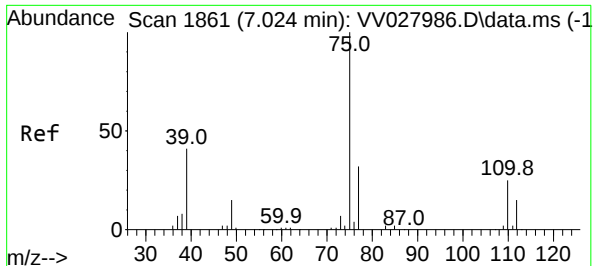
Ion Ratio Lower Upper

83 100

85 63.6 44.2 82.0

127 8.4 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 53.596 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. -0.003 min

Lab File: VV028008.D

Acq: 21 Sep 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

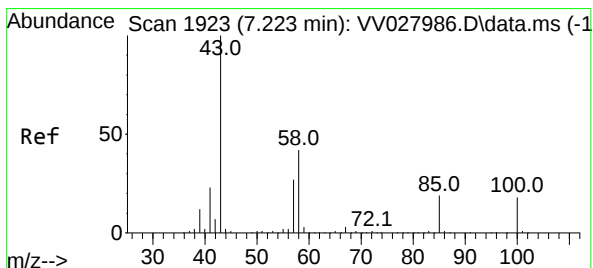
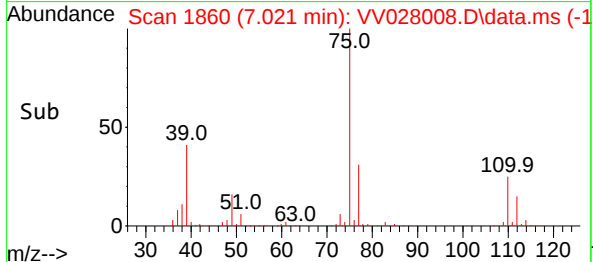
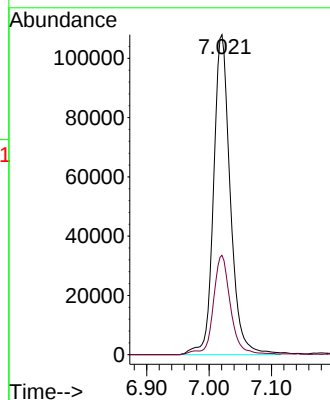
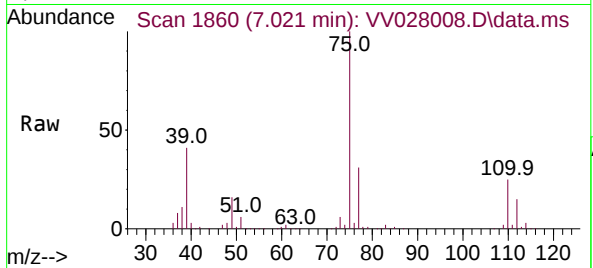
VSTD050345

Tgt Ion: 75 Resp: 201759

Ion Ratio Lower Upper

75 100

77 31.1 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 122.108 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.003 min

Lab File: VV028008.D

Acq: 21 Sep 2022 10:49

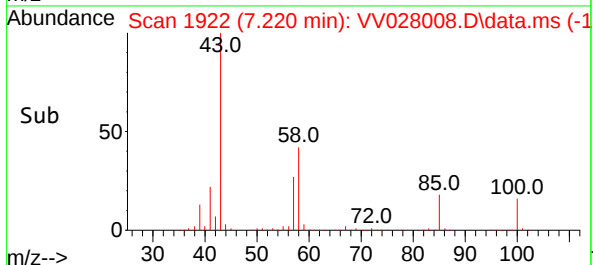
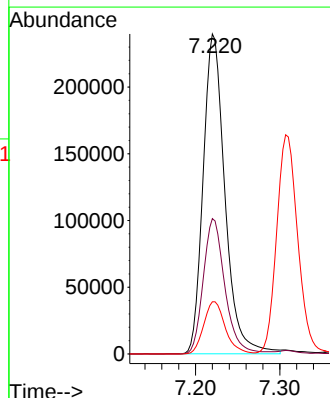
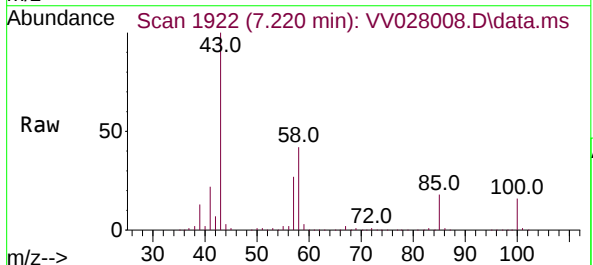
Tgt Ion: 43 Resp: 432939

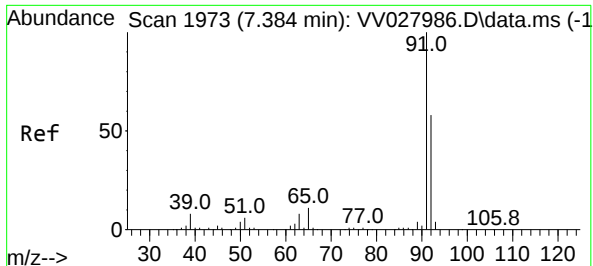
Ion Ratio Lower Upper

43 100

58 41.8 33.0 49.4

100 16.2 13.3 19.9

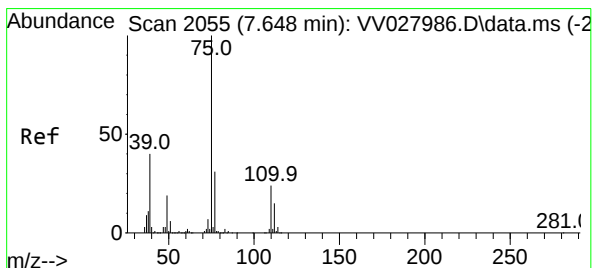
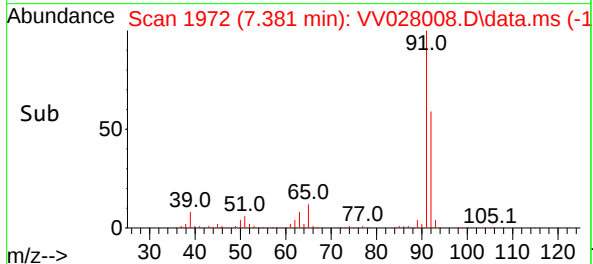
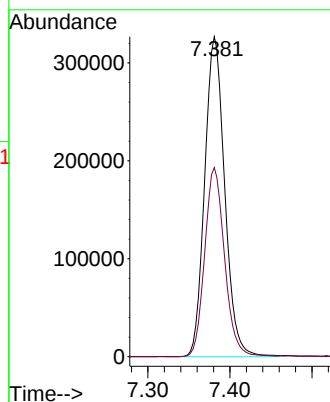
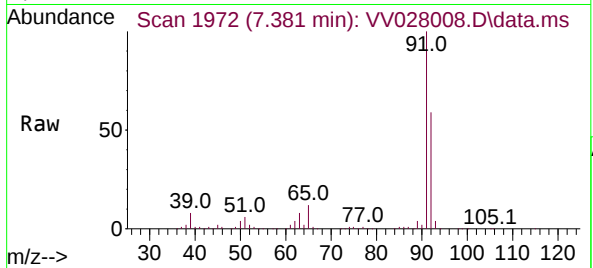




#42
Toluene
Concen: 55.248 ug/L
RT: 7.381 min Scan# 1973
Delta R.T. -0.003 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

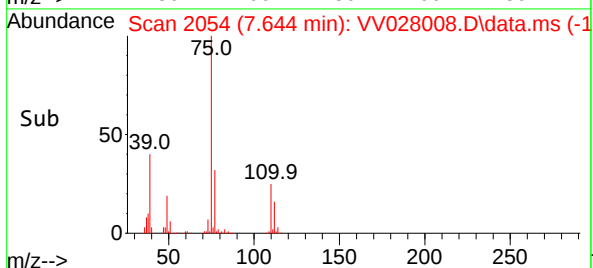
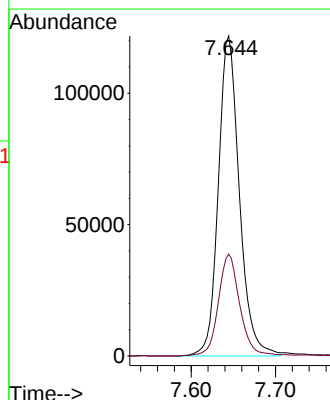
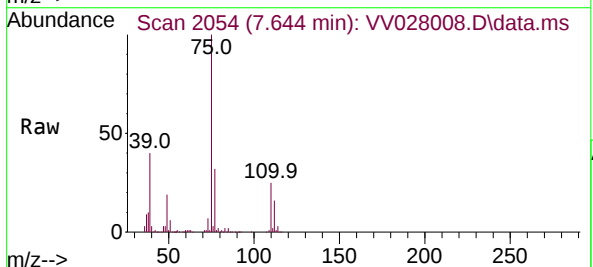
Instrument :
MSVOA_V
ClientSampleId :
VSTD050345

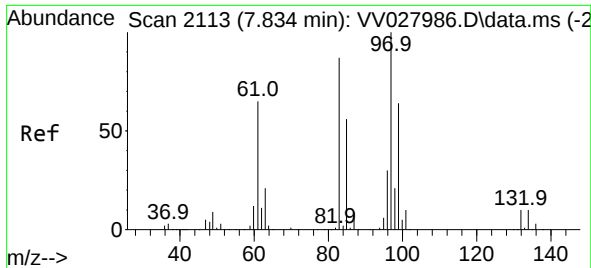
Tgt Ion: 91 Resp: 554815
Ion Ratio Lower Upper
91 100
92 59.1 40.0 74.4



#44
trans-1,3-Dichloropropene
Concen: 56.164 ug/L
RT: 7.644 min Scan# 2054
Delta R.T. -0.003 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

Tgt Ion: 75 Resp: 210920
Ion Ratio Lower Upper
75 100
77 31.9 21.4 39.8

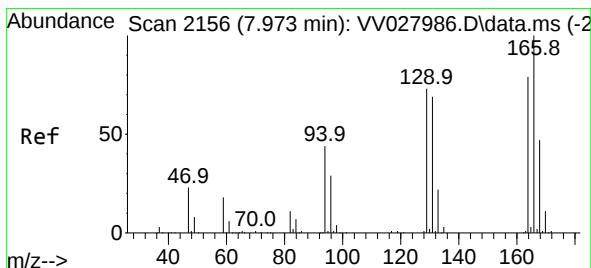
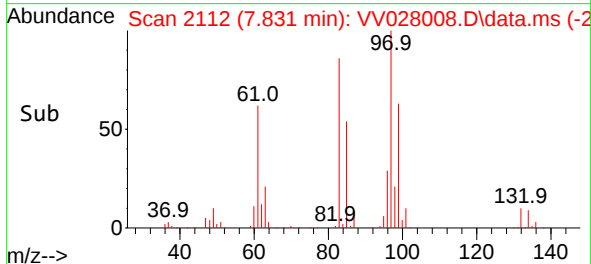
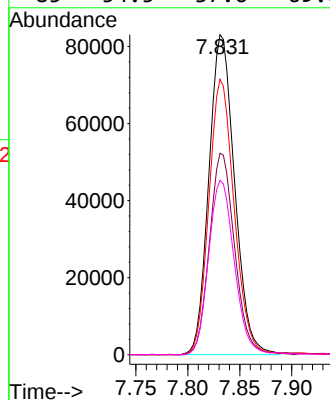
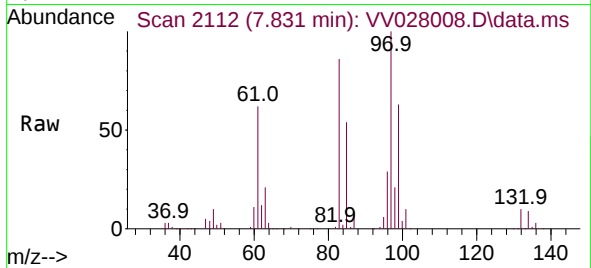




#45
1,1,2-Trichloroethane
Concen: 57.144 ug/L
RT: 7.831 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

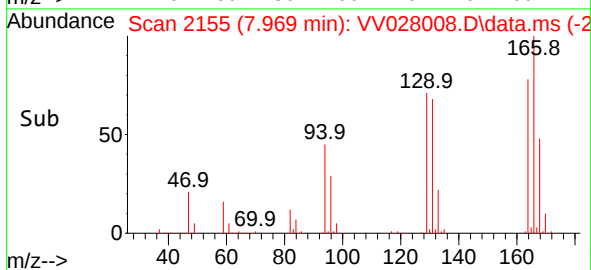
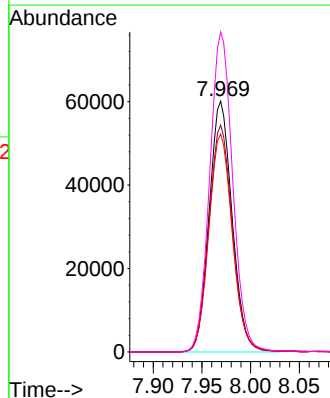
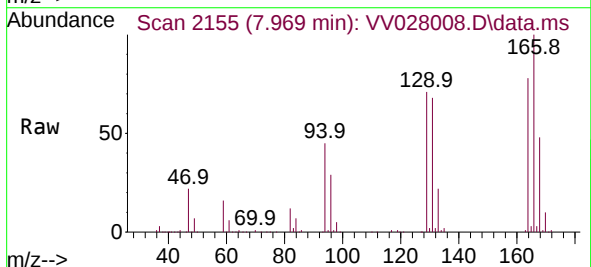
Instrument :
MSVOA_V
ClientSampleId :
VSTD050345

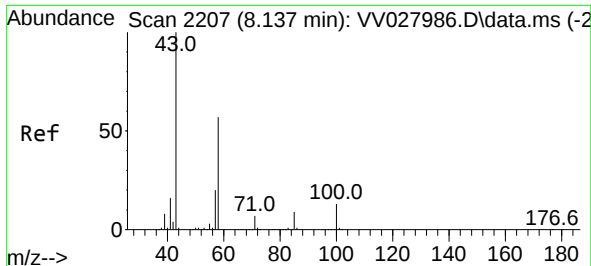
Tgt Ion: 97	Resp: 143309
Ion Ratio	Lower Upper
97 100	
99 62.9	43.8 81.3
83 86.1	58.7 109.1
85 54.5	37.6 69.8



#46
Tetrachloroethene
Concen: 50.626 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

Tgt	Ion:164	Resp:	98913
Ion	Ratio	Lower	Upper
164	100		
129	90.5	64.3	119.3
131	86.9	62.6	116.2
166	127.6	88.7	164.7



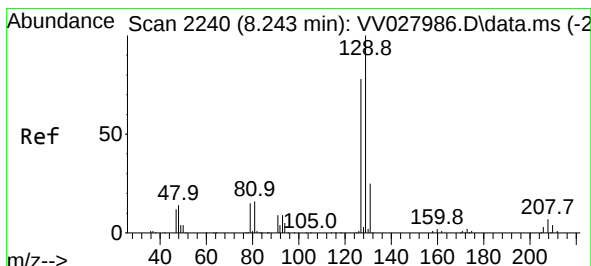
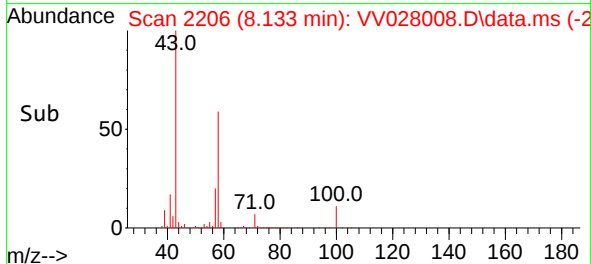
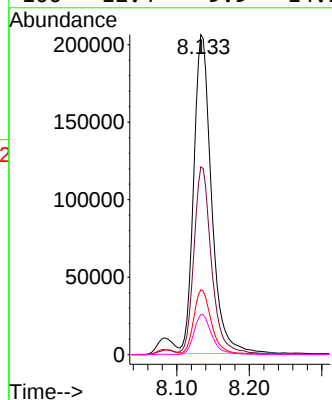
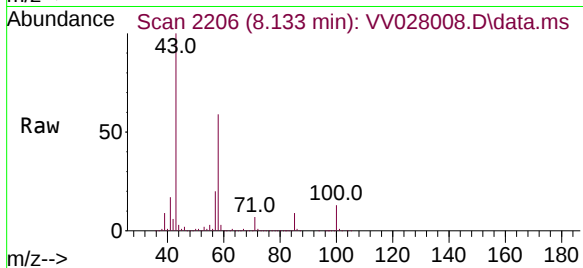


#48
2-Hexanone
Concen: 121.849 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD050345

Tgt Ion: 43 Resp: 350497

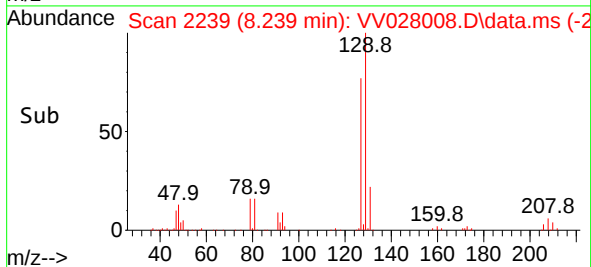
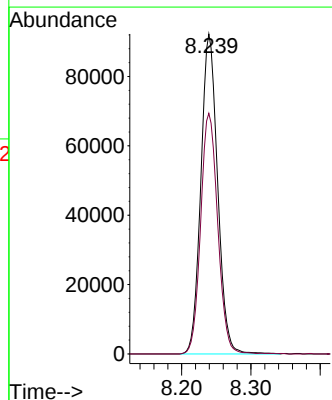
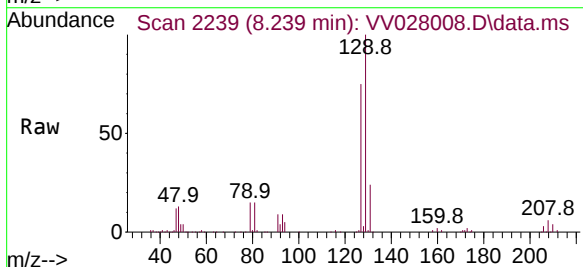
Ion	Ratio	Lower	Upper
43	100		
58	58.5	45.6	68.4
57	20.4	15.0	22.6
100	12.4	9.9	14.9

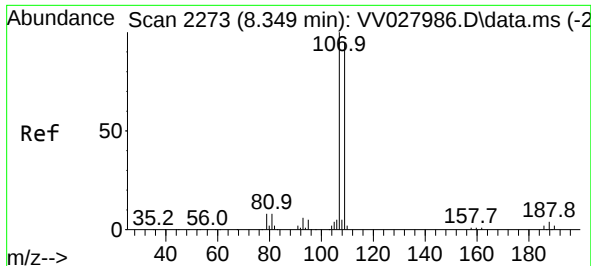


#49
Dibromochloromethane
Concen: 55.895 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.003 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

Tgt Ion: 129 Resp: 154746

Ion	Ratio	Lower	Upper
129	100		
127	75.2	56.3	104.5





#50

1,2-Dibromoethane

Concen: 56.532 ug/L

RT: 8.345 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV028008.D

Acq: 21 Sep 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD050345

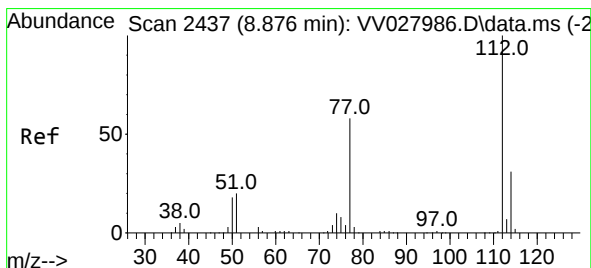
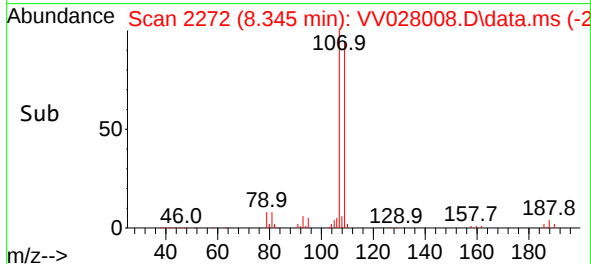
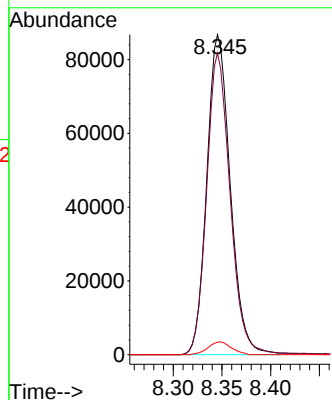
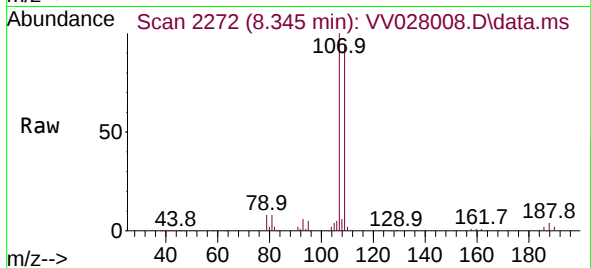
Tgt Ion:107 Resp: 145394

Ion Ratio Lower Upper

107 100

109 94.3 64.4 119.6

188 3.9 3.0 4.4



#51

Chlorobenzene

Concen: 50.893 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.000 min

Lab File: VV028008.D

Acq: 21 Sep 2022 10:49

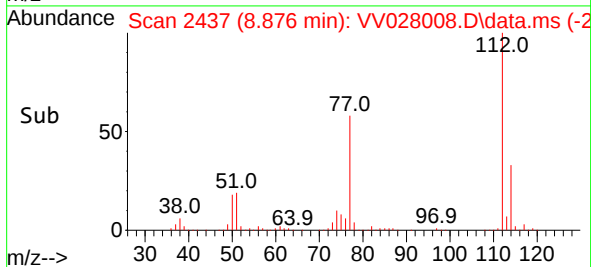
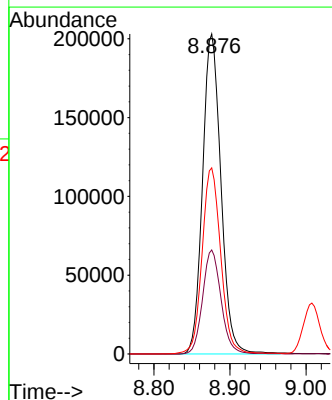
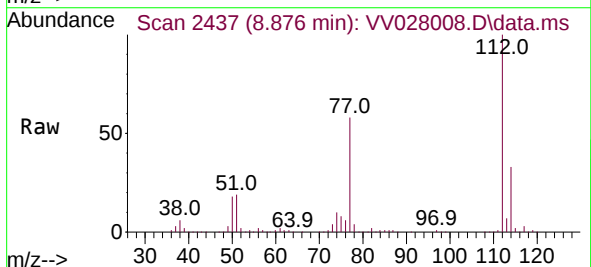
Tgt Ion:112 Resp: 341186

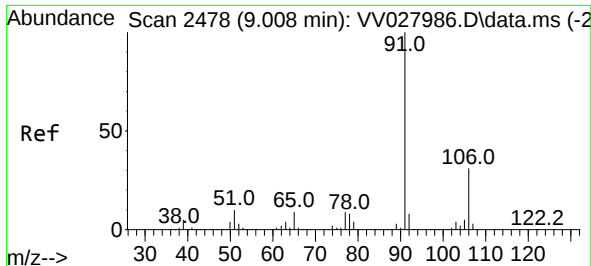
Ion Ratio Lower Upper

112 100

114 32.5 21.9 40.7

77 58.1 46.8 70.2

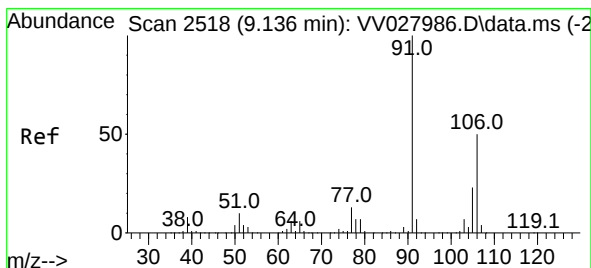
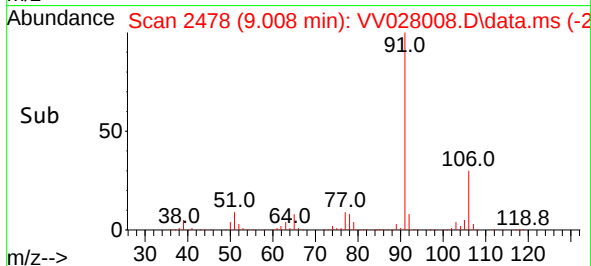
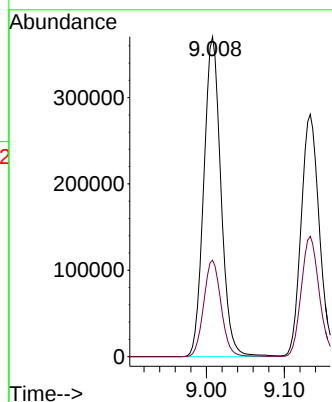
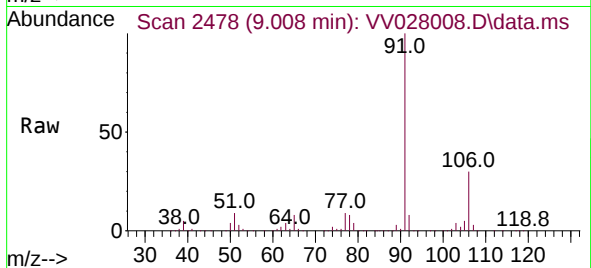




#52
Ethylbenzene
Concen: 52.371 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

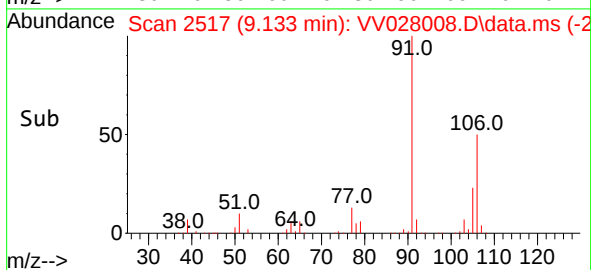
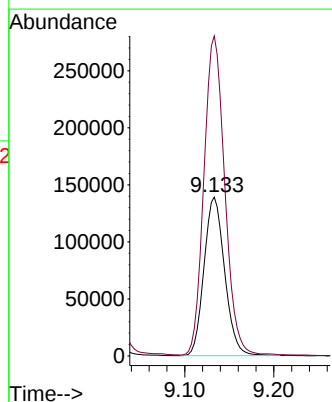
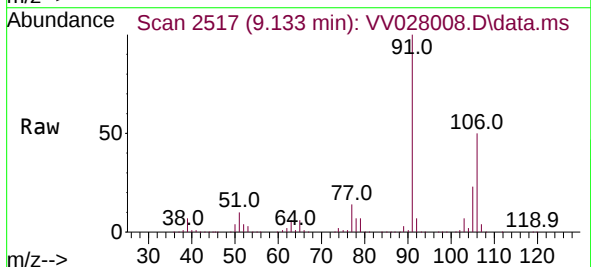
Instrument :
MSVOA_V
ClientSampleId :
VSTD050345

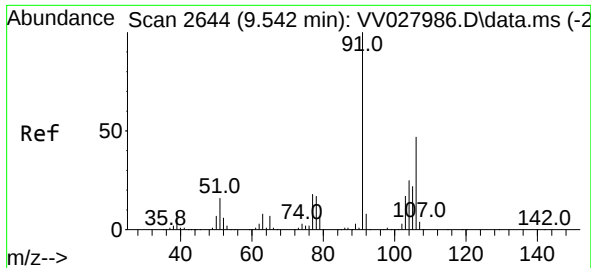
Tgt Ion: 91 Resp: 567773
Ion Ratio Lower Upper
91 100
106 30.2 21.3 39.6



#53
m,p-Xylene
Concen: 53.789 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

Tgt Ion: 106 Resp: 223589
Ion Ratio Lower Upper
106 100
91 201.4 139.8 259.6

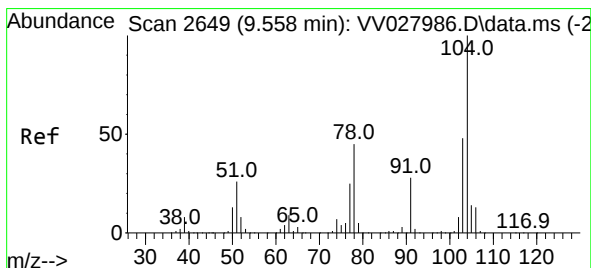
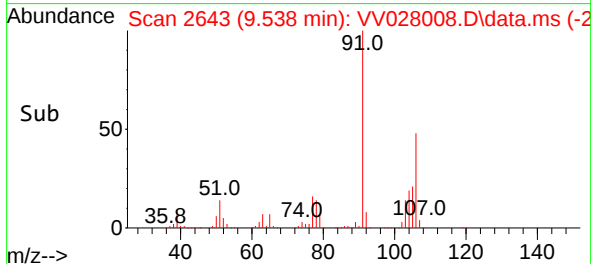
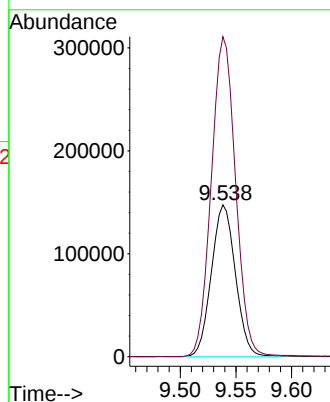
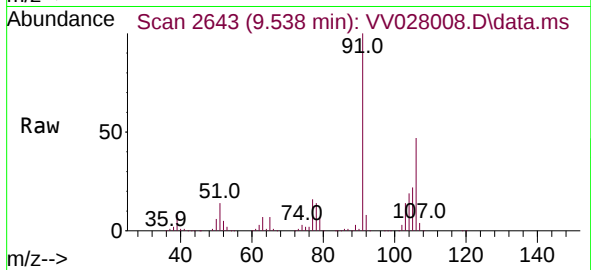




#54
o-Xylene
Concen: 55.192 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

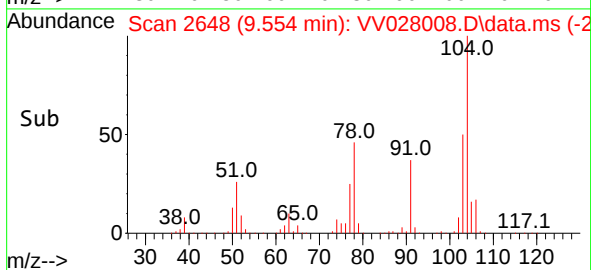
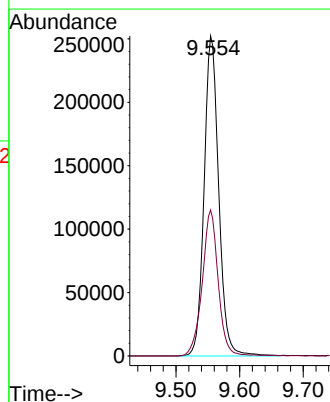
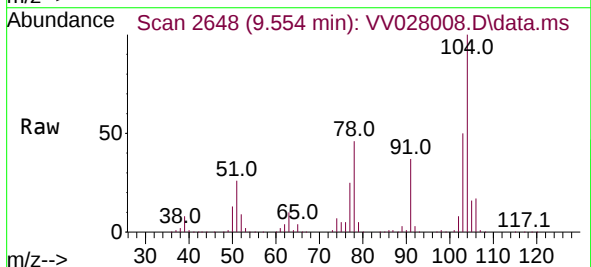
Instrument :
MSVOA_V
ClientSampleId :
VSTD050345

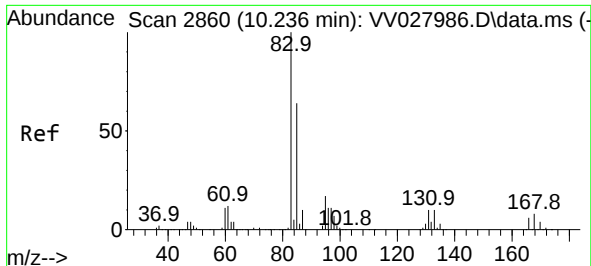
Tgt Ion:106 Resp: 221361
Ion Ratio Lower Upper
106 100
91 210.7 151.1 280.5



#55
Styrene
Concen: 56.524 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.003 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

Tgt Ion:104 Resp: 402274
Ion Ratio Lower Upper
104 100
78 45.6 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 56.677 ug/L

RT: 10.236 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV028008.D

Acq: 21 Sep 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD050345

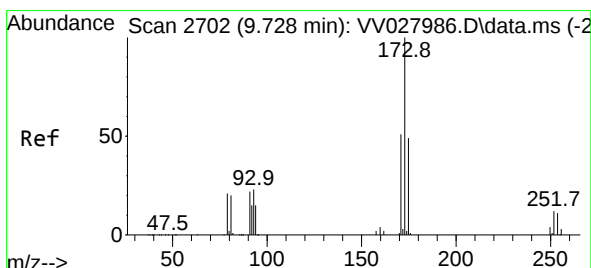
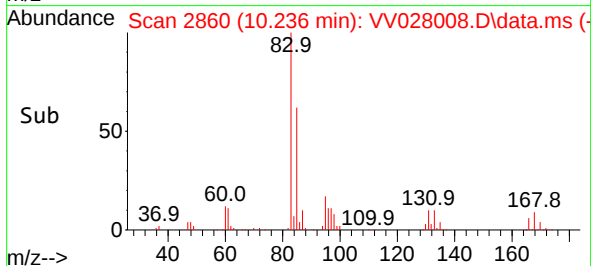
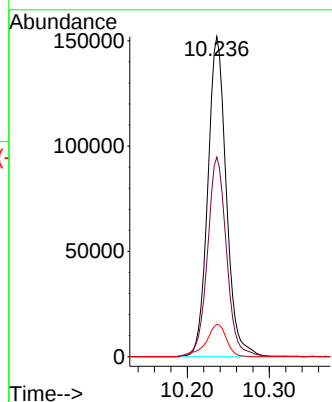
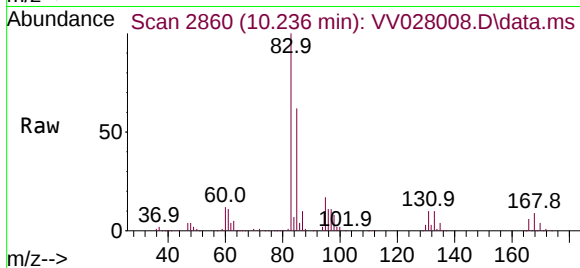
Tgt Ion: 83 Resp: 238405

Ion Ratio Lower Upper

83 100

85 62.4 45.1 83.9

131 10.0 7.7 11.5



#59

Bromoform

Concen: 54.973 ug/L

RT: 9.725 min Scan# 2701

Delta R.T. -0.003 min

Lab File: VV028008.D

Acq: 21 Sep 2022 10:49

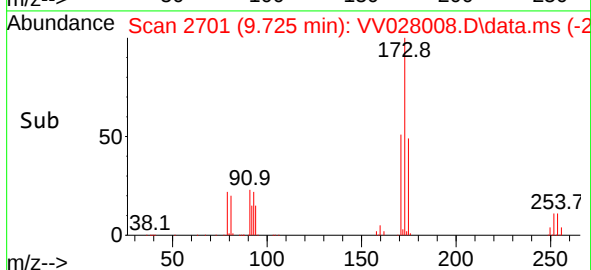
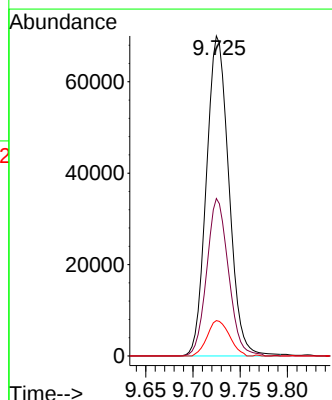
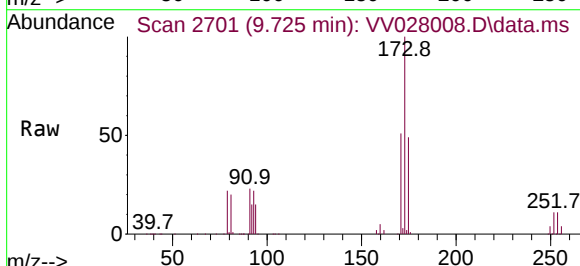
Tgt Ion: 173 Resp: 115832

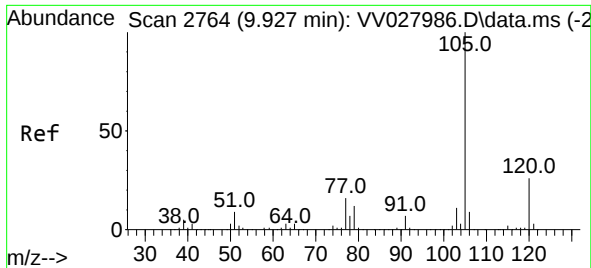
Ion Ratio Lower Upper

173 100

175 47.6 39.7 59.5

254 10.9 7.4 11.2

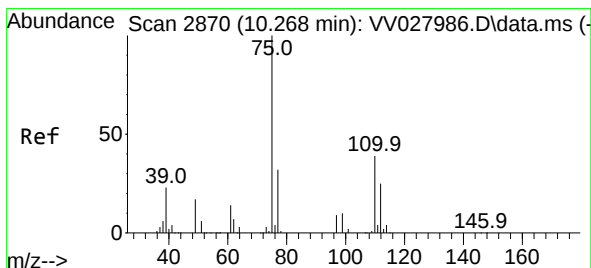
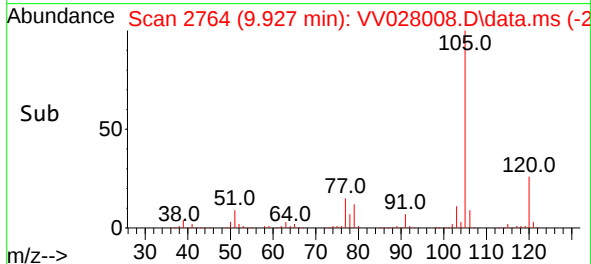
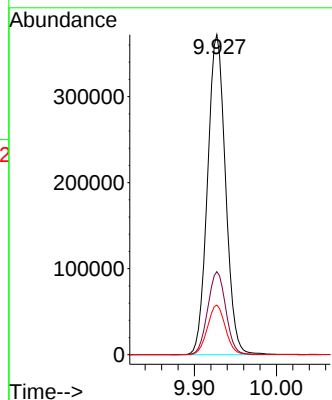
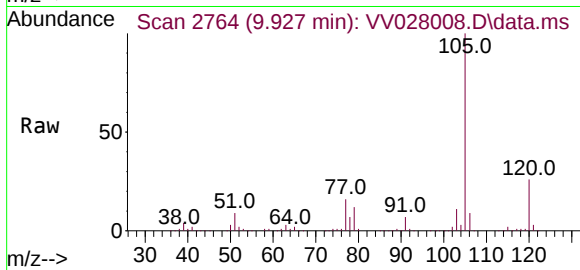




#60
Isopropylbenzene
Concen: 52.531 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

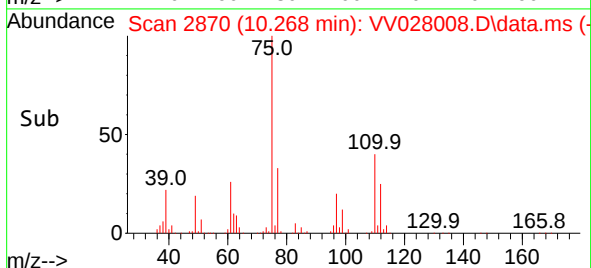
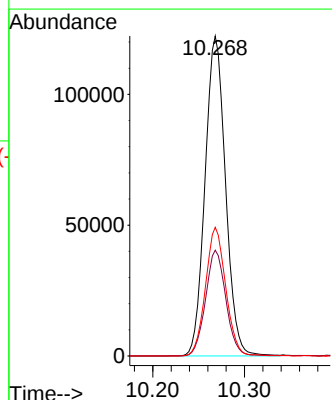
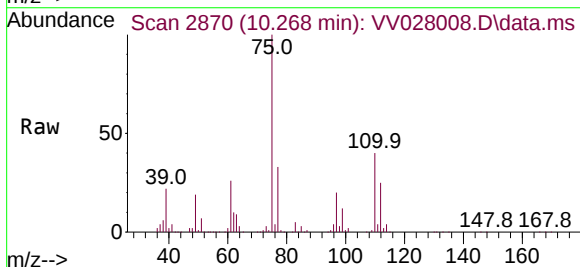
Instrument :
MSVOA_V
ClientSampleId :
VSTD050345

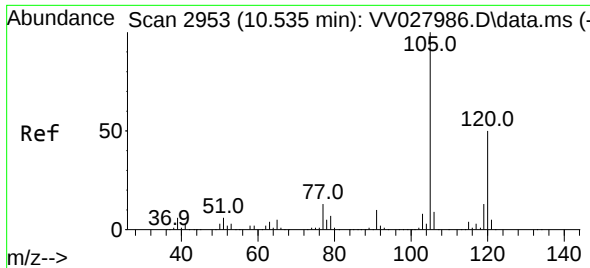
Tgt Ion:105 Resp: 565689
Ion Ratio Lower Upper
105 100
120 26.1 20.8 31.2
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 55.625 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.000 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

Tgt Ion: 75 Resp: 190124
Ion Ratio Lower Upper
75 100
77 32.5 25.9 38.9
110 39.4 31.1 46.7

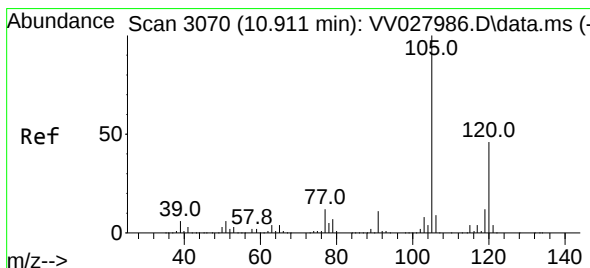
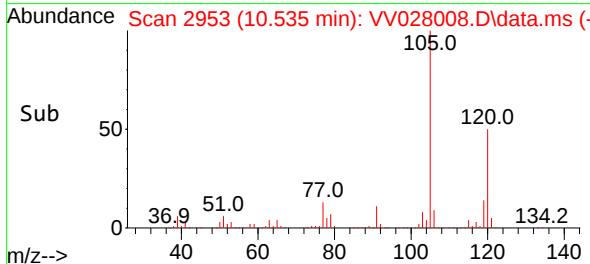
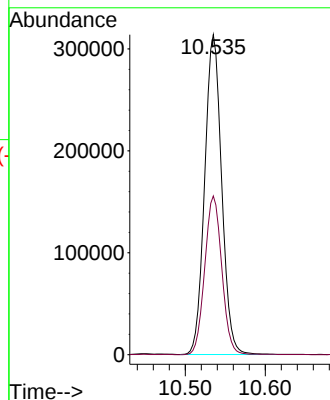
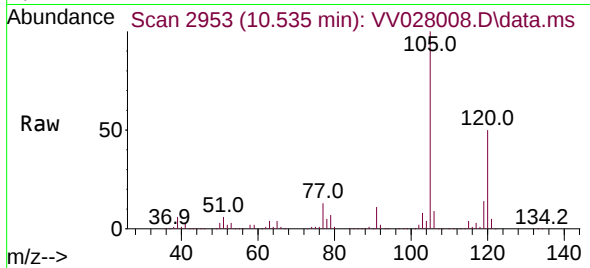




#62
 1,3,5-Trimethylbenzene
 Concen: 50.506 ug/L
 RT: 10.535 min Scan# 2953
 Delta R.T. -0.000 min
 Lab File: VV028008.D
 Acq: 21 Sep 2022 10:49

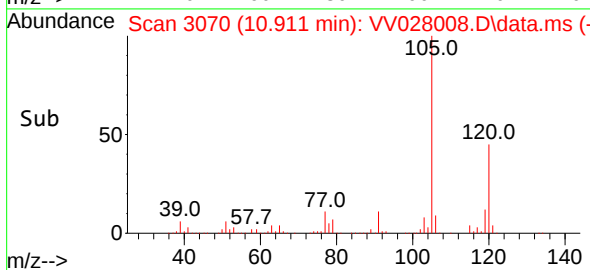
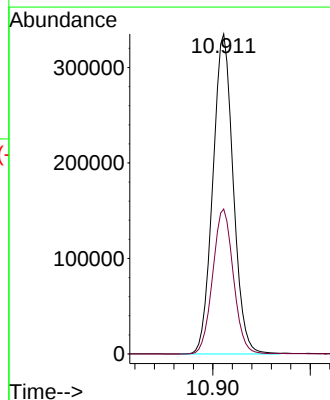
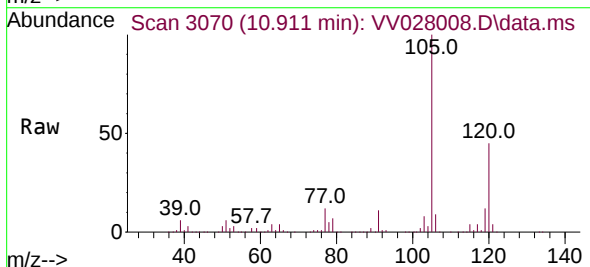
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050345

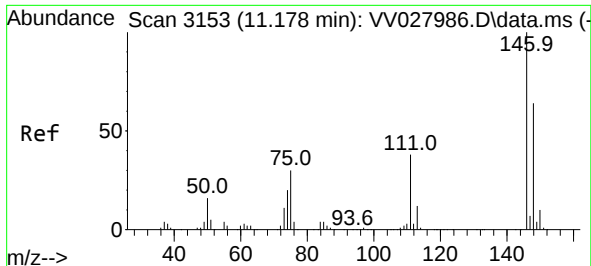
Tgt Ion:105 Resp: 465101
 Ion Ratio Lower Upper
 105 100
 120 49.7 40.2 60.2



#63
 1,2,4-Trimethylbenzene
 Concen: 53.121 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV028008.D
 Acq: 21 Sep 2022 10:49

Tgt Ion:105 Resp: 487851
 Ion Ratio Lower Upper
 105 100
 120 45.8 36.3 54.5

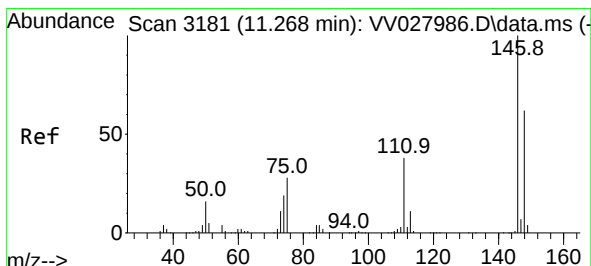
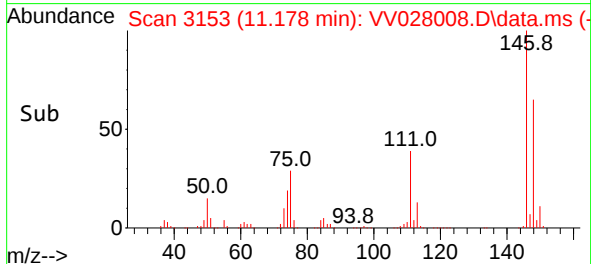
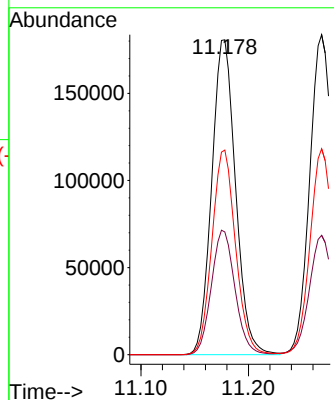
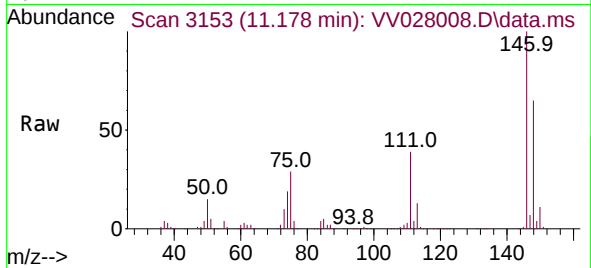




#64
1,3-Dichlorobenzene
Concen: 50.770 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

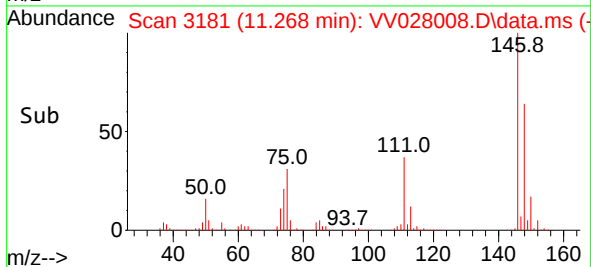
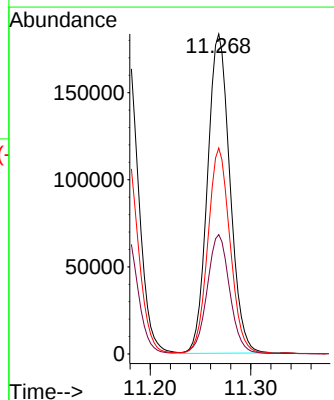
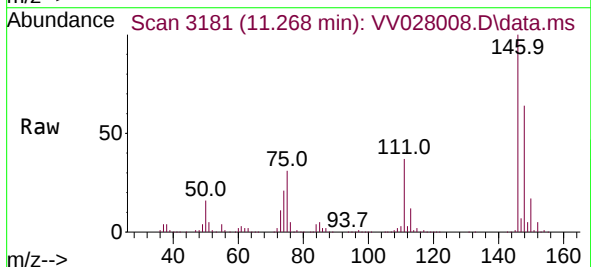
Instrument :
MSVOA_V
ClientSampleId :
VSTD050345

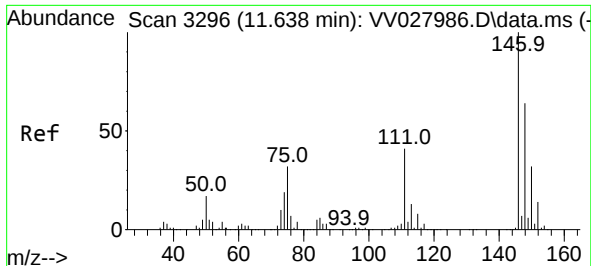
Tgt Ion:146 Resp: 278657
Ion Ratio Lower Upper
146 100
111 39.0 28.2 52.4
148 65.0 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 50.521 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

Tgt Ion:146 Resp: 284096
Ion Ratio Lower Upper
146 100
111 37.3 26.0 48.2
148 64.4 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 52.054 ug/L

RT: 11.638 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV028008.D

Acq: 21 Sep 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD050345

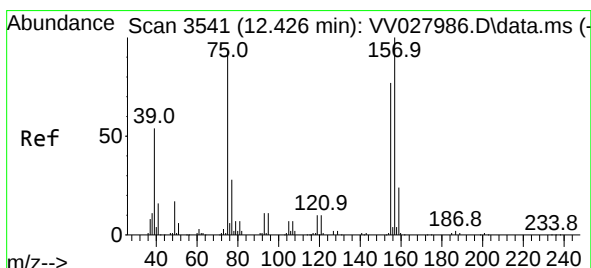
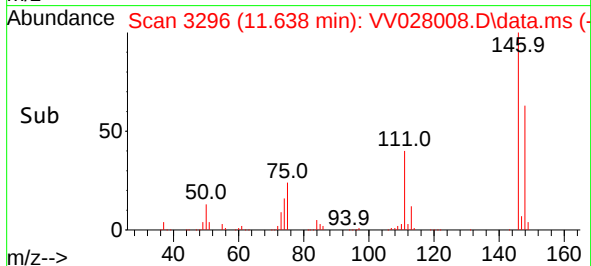
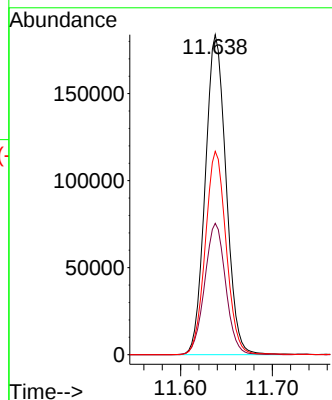
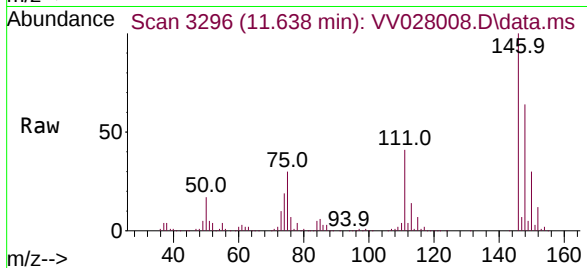
Tgt Ion:146 Resp: 290319

Ion Ratio Lower Upper

146 100

111 41.0 32.3 48.5

148 63.5 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 52.034 ug/L

RT: 12.422 min Scan# 3540

Delta R.T. -0.003 min

Lab File: VV028008.D

Acq: 21 Sep 2022 10:49

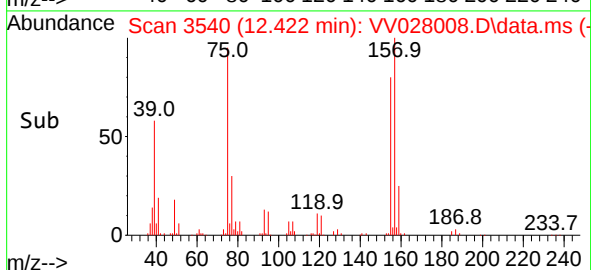
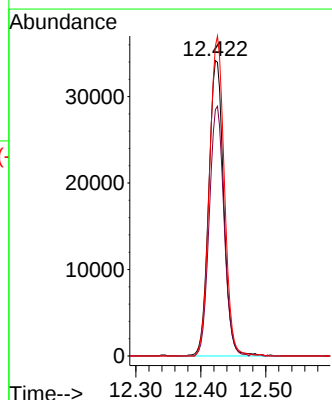
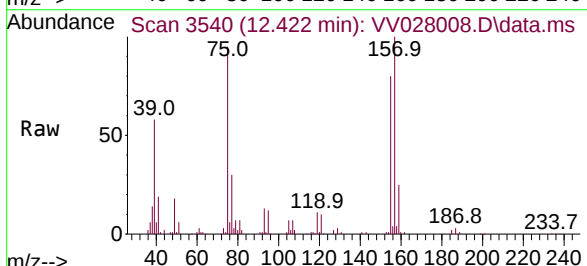
Tgt Ion: 75 Resp: 54651

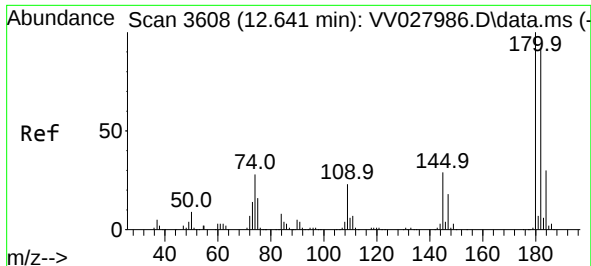
Ion Ratio Lower Upper

75 100

155 83.4 68.3 102.5

157 104.9 86.2 129.2





#69

1,3,5-Trichlorobenzene

Concen: 49.456 ug/L

RT: 12.641 min Scan# 3

Delta R.T. -0.000 min

Lab File: VV028008.D

Acq: 21 Sep 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD050345

Tgt Ion:180 Resp: 212863

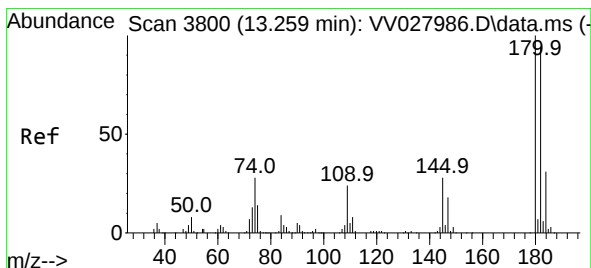
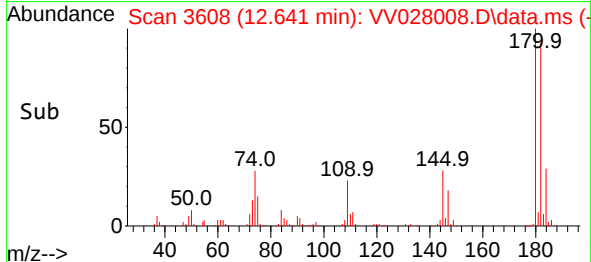
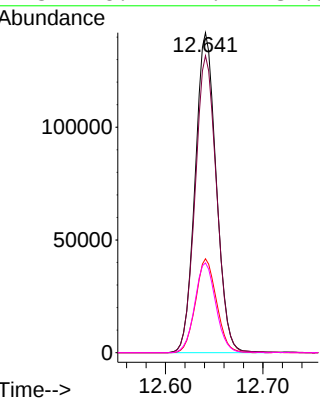
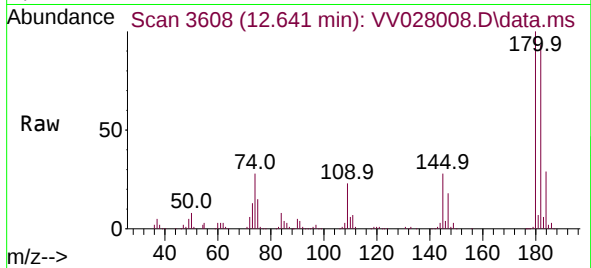
Ion Ratio Lower Upper

180 100

182 94.4 75.4 113.0

184 29.3 24.2 36.2

145 28.1 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 48.283 ug/L

RT: 13.255 min Scan# 3799

Delta R.T. -0.003 min

Lab File: VV028008.D

Acq: 21 Sep 2022 10:49

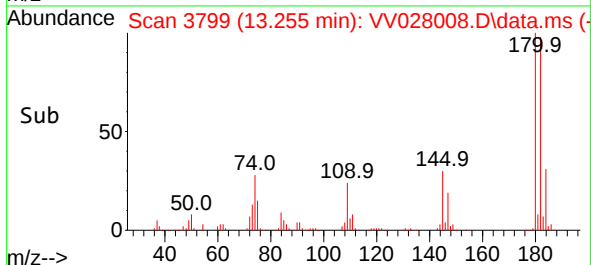
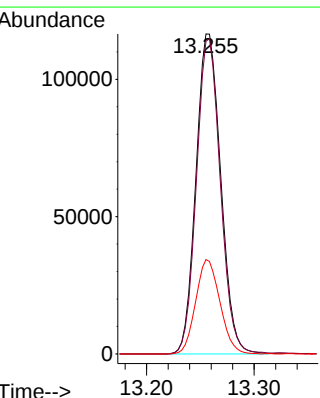
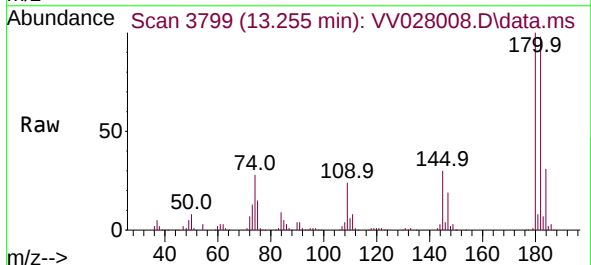
Tgt Ion:180 Resp: 186227

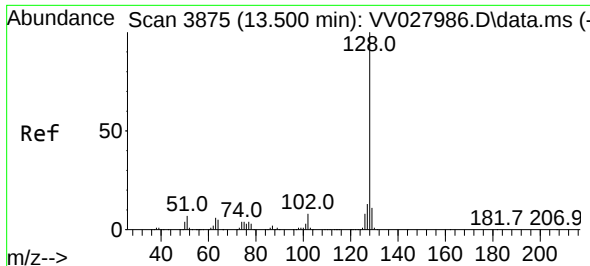
Ion Ratio Lower Upper

180 100

182 95.2 77.0 115.6

145 28.9 22.8 34.2

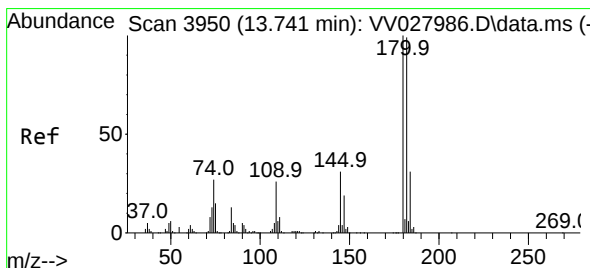
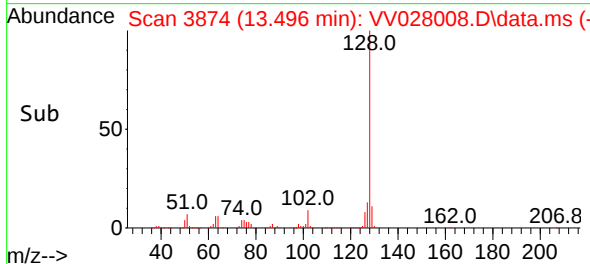
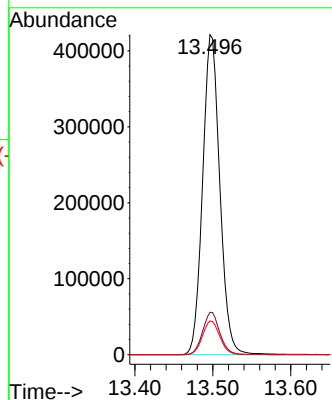
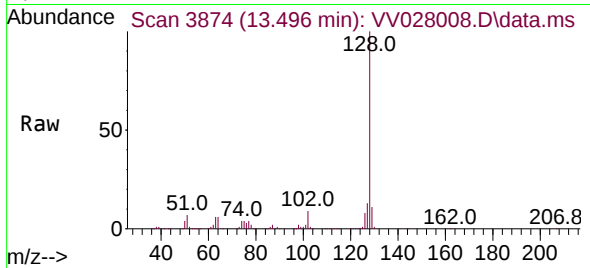




#71
Naphthalene
Concen: 52.050 ug/L
RT: 13.496 min Scan# 3875
Delta R.T. -0.003 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD050345

Tgt Ion:128 Resp: 644525
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 51.009 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV028008.D
Acq: 21 Sep 2022 10:49

Tgt Ion:180 Resp: 203198
Ion Ratio Lower Upper
180 100
182 97.0 77.0 115.4
145 32.0 25.1 37.7

