

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121222\
 Data File : VW029612.D
 Acq On : 12 Dec 2022 21:43
 Operator : SY/MD
 Sample : N5950-06MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EYF51MS

Quant Time: Dec 13 03:41:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 03:35:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	457046	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	420017	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	226299	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	107998	38.588	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.180%
7) Chloroethane-d5	1.564	69	96273	45.111	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.220%
11) 1,1-Dichloroethene-d2	2.108	63	194048	44.452	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.900%
21) 2-Butanone-d5	3.873	46	167126	97.888	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.890%
24) Chloroform-d	4.339	84	230749	43.813	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.620%
26) 1,2-Dichloroethane-d4	5.024	65	134518	44.720	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.440%
32) Benzene-d6	5.043	84	483310	43.548	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.100%
36) 1,2-Dichloropropane-d6	6.063	67	148357	43.763	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.520%
41) Toluene-d8	7.307	98	441981	42.266	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.540%
43) trans-1,3-Dichloroprop...	7.612	79	63474	37.080	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.160%
47) 2-Hexanone-d5	8.082	63	142004	98.095	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.100%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	209685	43.285	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.560%
66) 1,2-Dichlorobenzene-d4	11.612	152	178667	41.475	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	120822	33.561	ug/L	100
3) Chloromethane	1.240	50	135903	33.110	ug/L	100
5) Vinyl chloride	1.310	62	129429	37.688	ug/L	98
6) Bromomethane	1.516	94	60578	43.839	ug/L	99
8) Chloroethane	1.580	64	77498	40.527	ug/L	98
9) Trichlorofluoromethane	1.751	101	158361	36.836	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	92575	38.753	ug/L	98
12) 1,1-Dichloroethene	2.117	96	94099	38.518	ug/L	94
13) Acetone	2.159	43	84932	76.362	ug/L	100
14) Carbon disulfide	2.291	76	279840	34.418	ug/L	99
15) Methyl Acetate	2.426	43	95449	37.667	ug/L	96
16) Methylene chloride	2.503	84	114016	37.535	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	103389	36.729	ug/L	96
18) Methyl tert-butyl Ether	2.764	73	308513	35.772	ug/L	99
19) 1,1-Dichloroethane	3.185	63	183694	38.092	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	114561	37.011	ug/L	94
22) 2-Butanone	3.957	43	137761	77.842	ug/L	96
23) Bromochloromethane	4.239	128	58757	36.864	ug/L	90
25) Chloroform	4.368	83	189185	37.841	ug/L	98

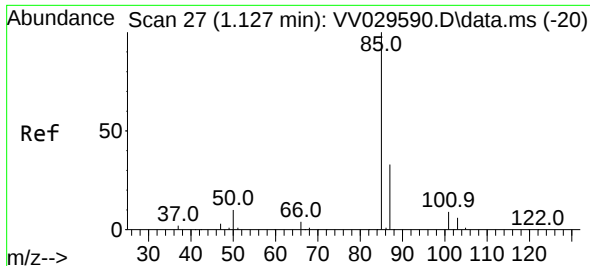
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	133462	37.791	ug/L	99
29) Cyclohexane	4.674	56	157894	34.703	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	159644	34.887	ug/L	99
31) Carbon tetrachloride	4.821	117	136561	34.174	ug/L	99
33) Benzene	5.091	78	433128	36.585	ug/L	100
34) Trichloroethene	5.908	95	110364	37.201	ug/L	98
35) Methylcyclohexane	6.124	83	175164	34.764	ug/L	98
37) 1,2-Dichloropropane	6.165	63	108014	37.801	ug/L	100
38) Bromodichloromethane	6.503	83	138324	35.066	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	144692	30.789	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	269777	79.184	ug/L	96
42) Toluene	7.381	91	455555	35.750	ug/L	99
44) trans-1,3-Dichloropropene	7.644	75	139530	31.352	ug/L	100
45) 1,1,2-Trichloroethane	7.831	97	107789	36.513	ug/L	100
46) Tetrachloroethene	7.966	164	85865	35.999	ug/L	98
48) 2-Hexanone	8.133	43	205114	78.801	ug/L	96
49) Dibromochloromethane	8.236	129	112650	34.563	ug/L	98
50) 1,2-Dibromoethane	8.342	107	106981	35.175	ug/L	98
51) Chlorobenzene	8.873	112	293624	36.389	ug/L	99
52) Ethylbenzene	9.005	91	479493	35.791	ug/L	100
53) m,p-Xylene	9.130	106	188101	35.475	ug/L	98
54) o-Xylene	9.535	106	183395	34.966	ug/L	99
55) Styrene	9.551	104	329920	36.196	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	166156	35.186	ug/L	100
59) Bromoform	9.722	173	82585	33.036	ug/L	99
60) Isopropylbenzene	9.921	105	482132	36.288	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	127417	36.477	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	392382	33.401	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	392883	33.739	ug/L	99
64) 1,3-Dichlorobenzene	11.168	146	225438	34.702	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	230409	34.899	ug/L	99
67) 1,2-Dichlorobenzene	11.631	146	229010	34.473	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.413	75	33311	30.682	ug/L	96
69) 1,3,5-Trichlorobenzene	12.631	180	170083	32.899	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	150850	32.813	ug/L	99
71) Naphthalene	13.493	128	346415	33.220	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	151169	33.572	ug/L	99

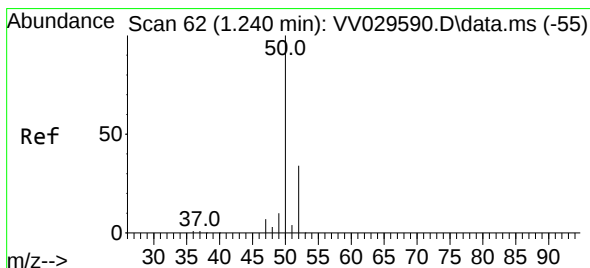
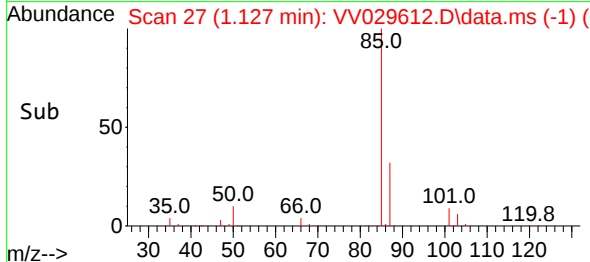
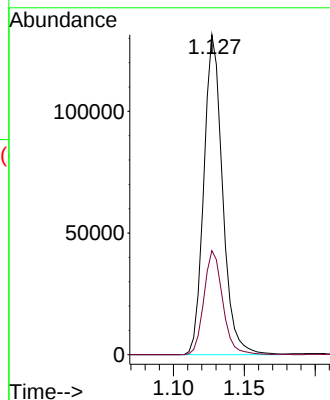
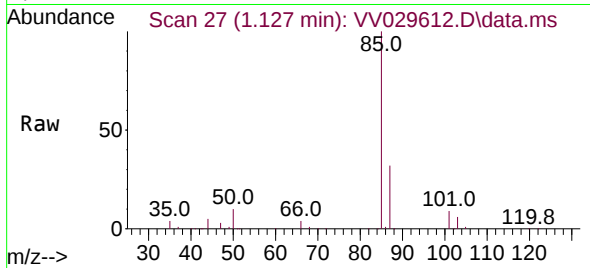
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 33.561 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029612.D
 Acq: 12 Dec 2022 21:43

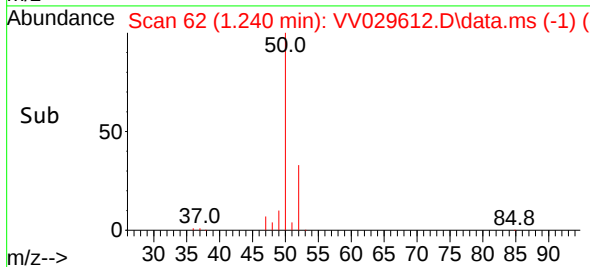
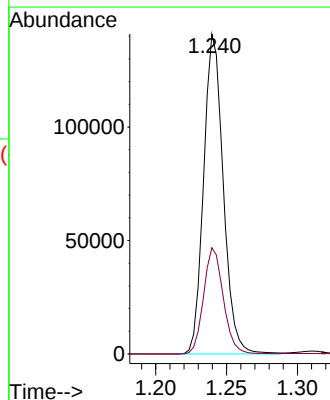
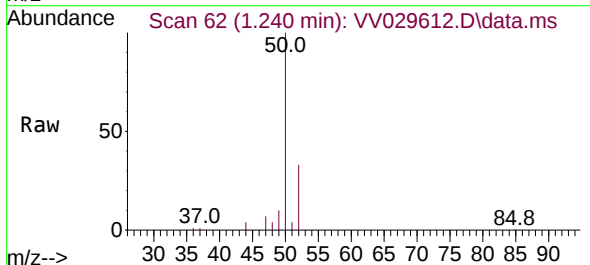
Instrument :
 MSVOA_V
 ClientSampleId :
 EYF51MS

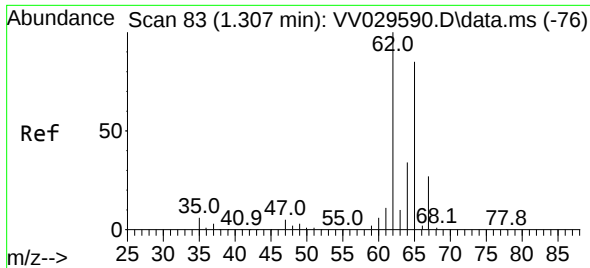
Tgt Ion: 85 Resp: 120822
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.9 38.9



#3
 Chloromethane
 Concen: 33.110 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029612.D
 Acq: 12 Dec 2022 21:43

Tgt Ion: 50 Resp: 135903
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.3 43.3

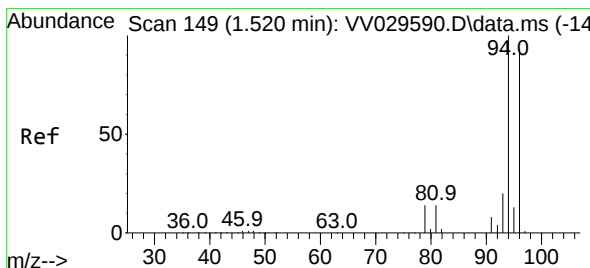
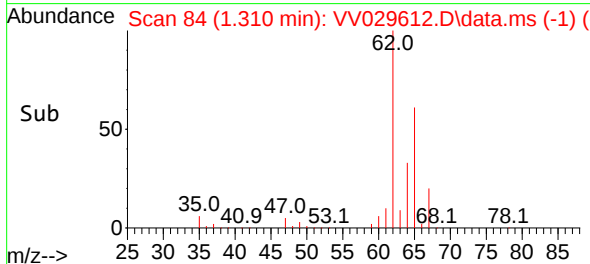
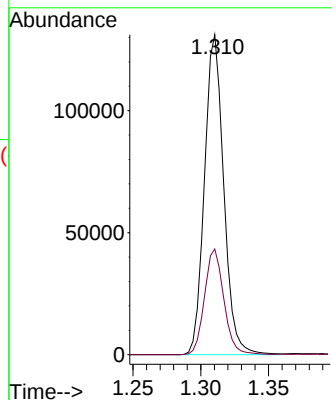
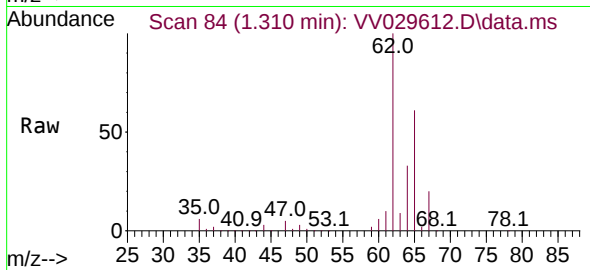




#5
 Vinyl chloride
 Concen: 37.688 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV029612.D
 Acq: 12 Dec 2022 21:43

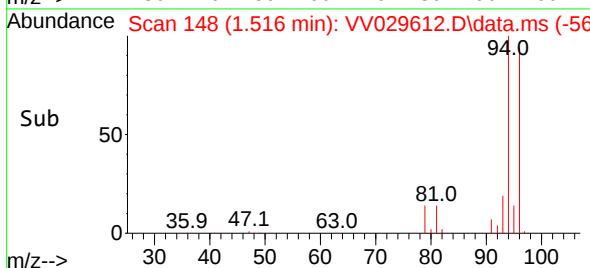
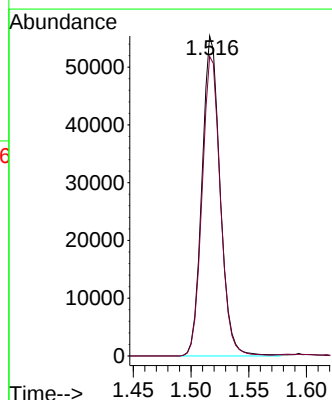
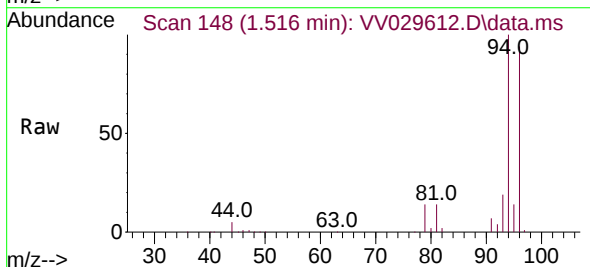
Instrument :
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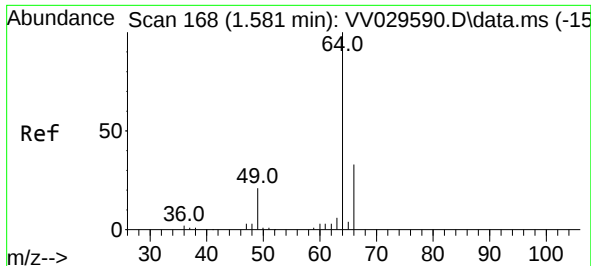
Tgt Ion: 62 Resp: 129429
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.5 41.9



#6
 Bromomethane
 Concen: 43.839 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.003 min
 Lab File: VV029612.D
 Acq: 12 Dec 2022 21:43

Tgt Ion: 94 Resp: 60578
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.1 120.9

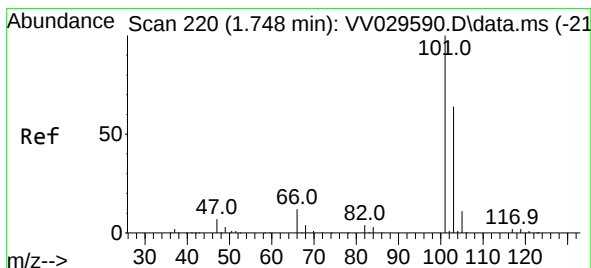
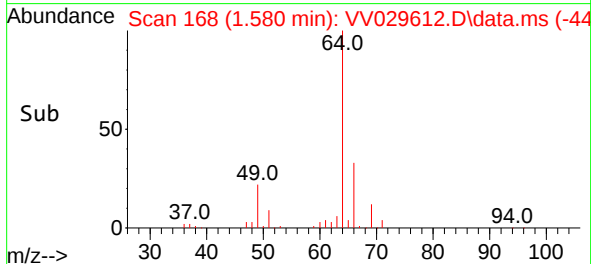
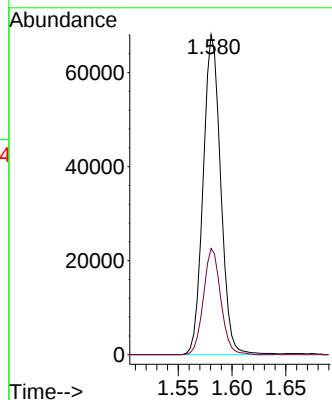
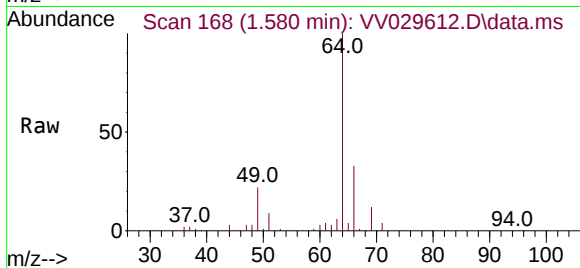




#8
Chloroethane
Concen: 40.527 ug/L
RT: 1.580 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

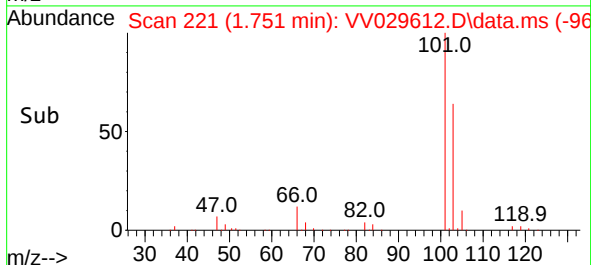
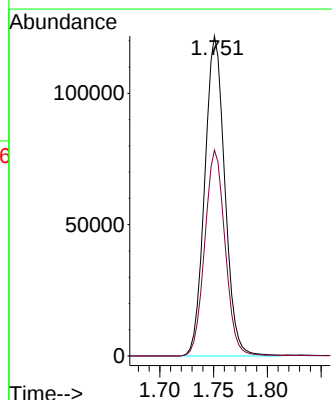
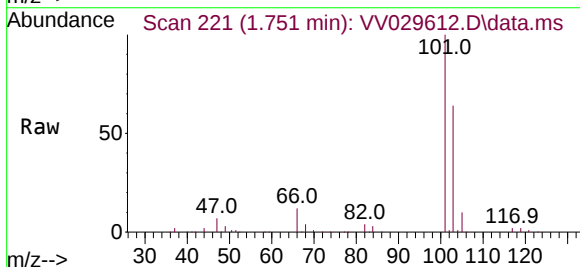
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MSVOA_V
ClientSampleId :
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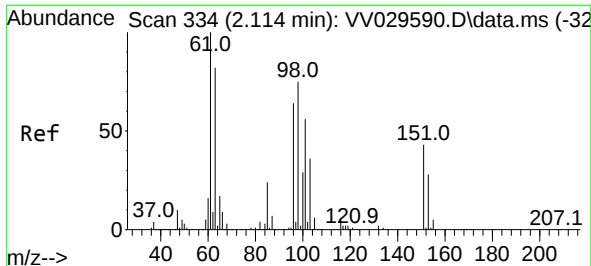
Tgt Ion: 64 Resp: 77498
Ion Ratio Lower Upper
64 100
66 33.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 36.836 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

Tgt Ion:101 Resp: 158361
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 38.753 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029612.D

Acq: 12 Dec 2022 21:43

Instrument :

MSVOA_V

ClientSampleId :

EYF51MS

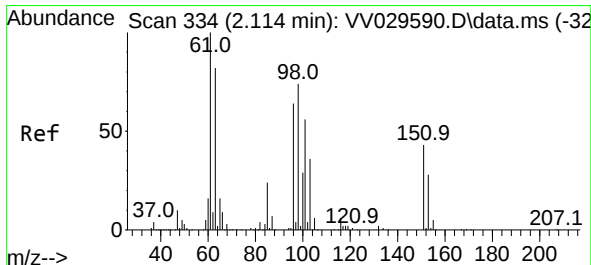
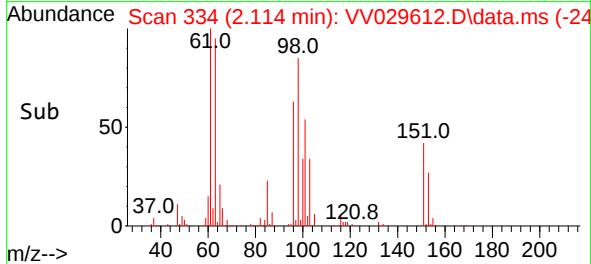
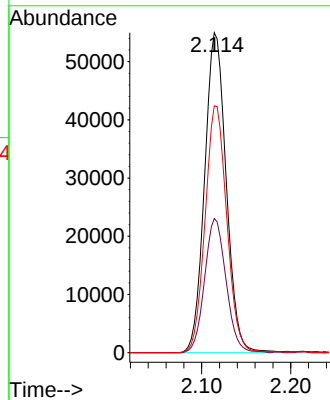
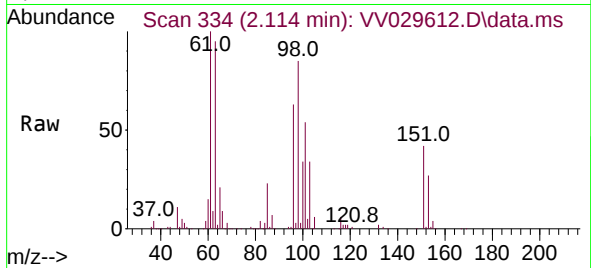
Tgt Ion:101 Resp: 92575

Ion Ratio Lower Upper

101 100

85 41.6 33.6 50.4

151 77.5 63.5 95.3



#12

1,1-Dichloroethene

Concen: 38.518 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV029612.D

Acq: 12 Dec 2022 21:43

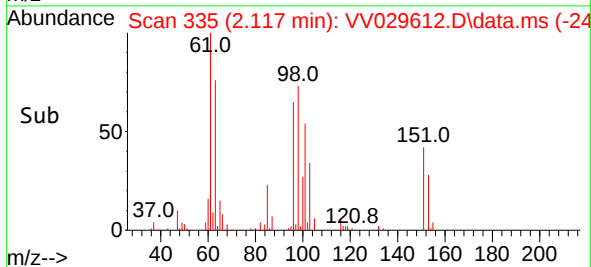
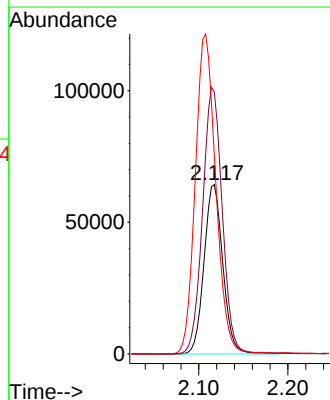
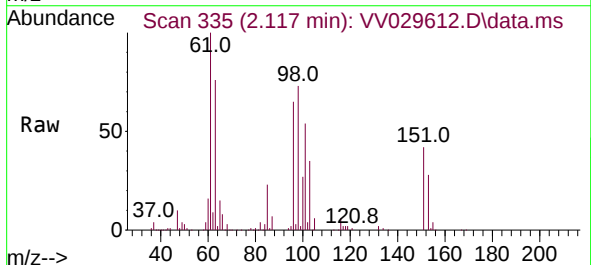
Tgt Ion: 96 Resp: 94099

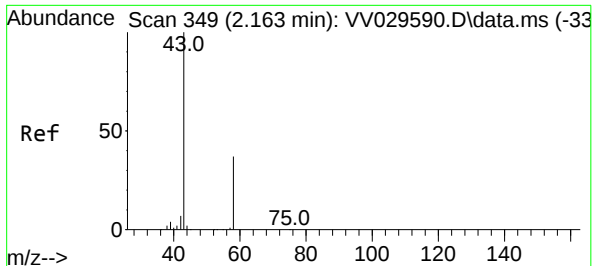
Ion Ratio Lower Upper

96 100

61 154.7 103.3 191.9

63 117.7 77.3 143.7





#13

Acetone

Concen: 76.362 ug/L

RT: 2.159 min Scan# 34

Delta R.T. -0.003 min

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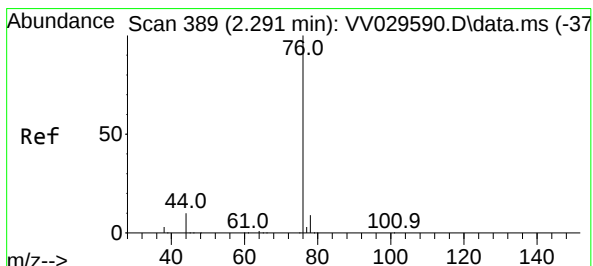
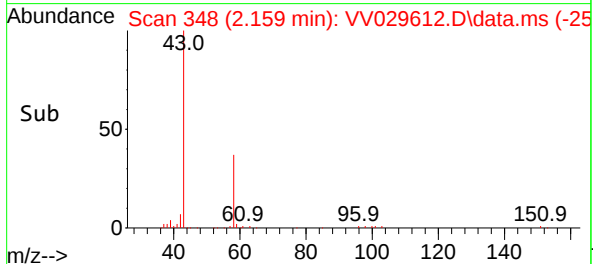
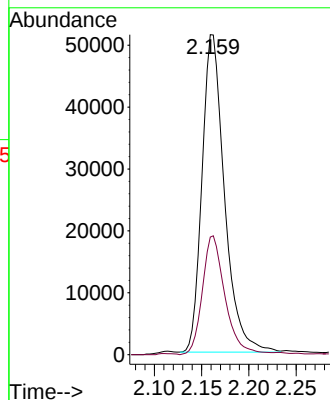
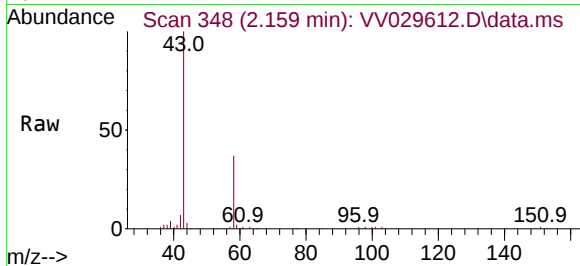
EYF51MS

Tgt Ion: 43 Resp: 84932

Ion Ratio Lower Upper

43 100

58 37.7 0.0 74.8



#14

Carbon disulfide

Concen: 34.418 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV029612.D

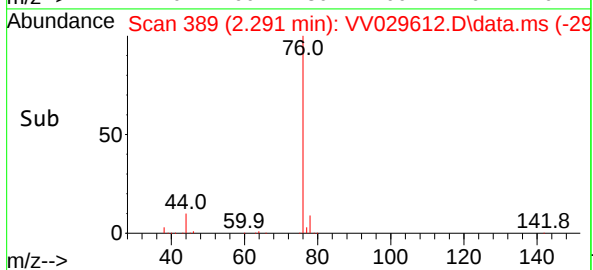
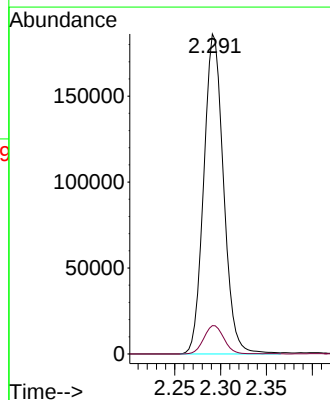
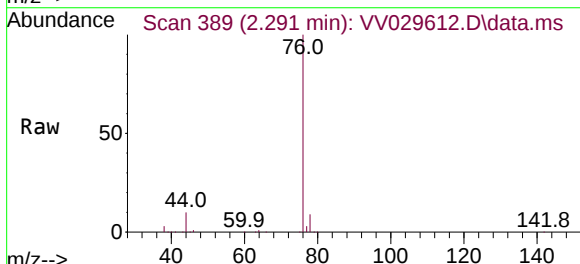
Acq: 12 Dec 2022 21:43

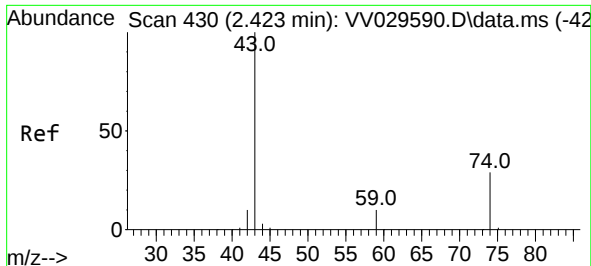
Tgt Ion: 76 Resp: 279840

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

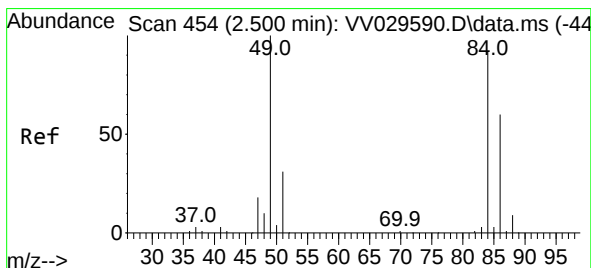
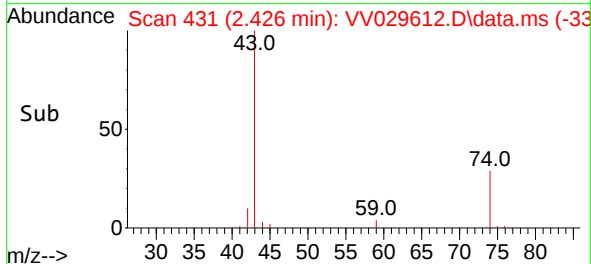
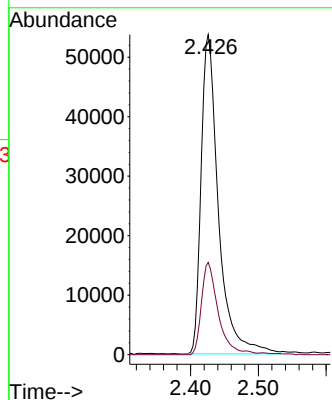
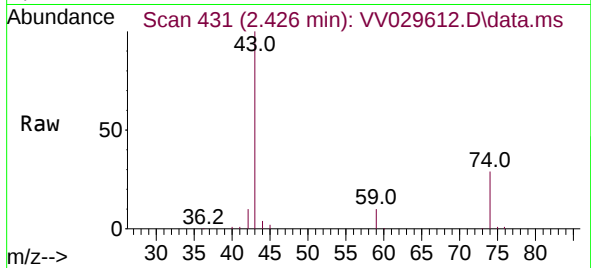




#15
Methyl Acetate
Concen: 37.667 ug/L
RT: 2.426 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

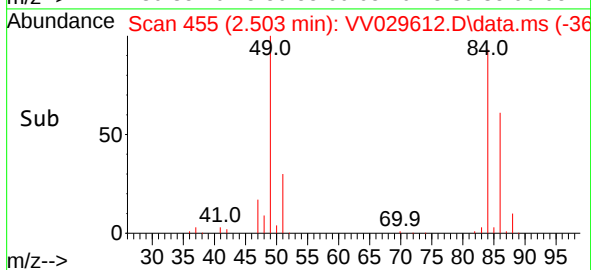
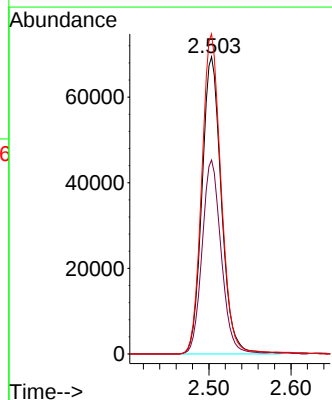
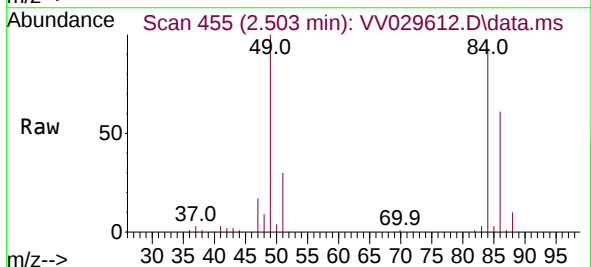
Instrument :
MSVOA_V
ClientSampleId :
EYF51MS

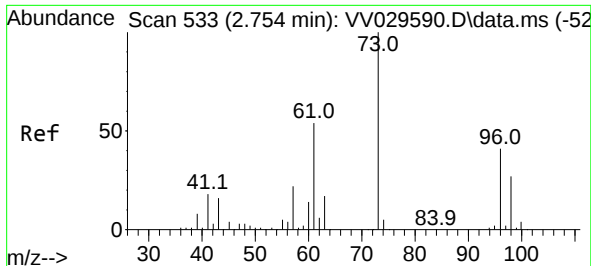
Tgt Ion: 43 Resp: 95449
Ion Ratio Lower Upper
43 100
74 27.2 23.5 35.3



#16
Methylene chloride
Concen: 37.535 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

Tgt Ion: 84 Resp: 114016
Ion Ratio Lower Upper
84 100
86 65.3 46.0 85.4
49 107.7 72.2 134.0

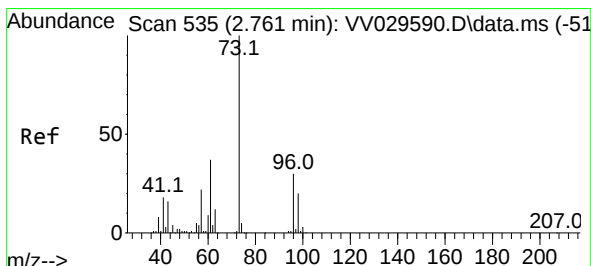
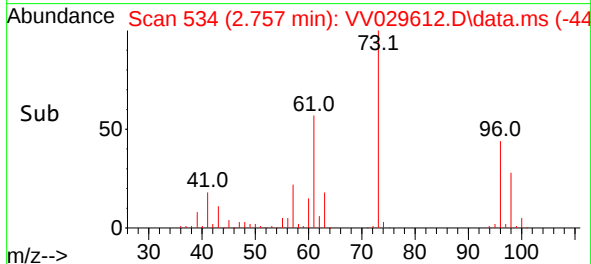
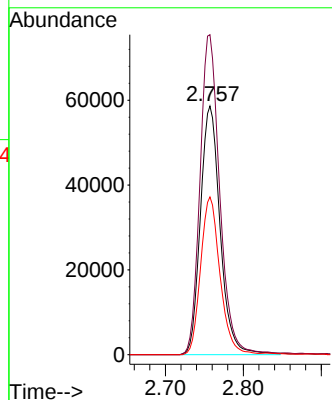
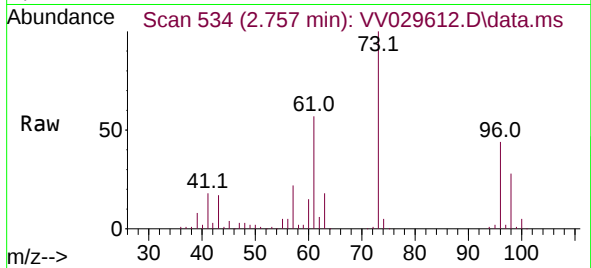




#17
trans-1,2-Dichloroethene
Concen: 36.729 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

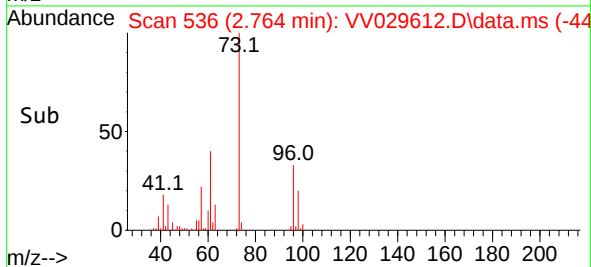
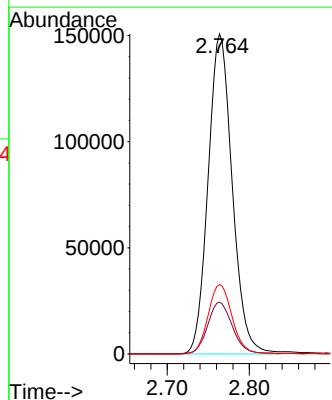
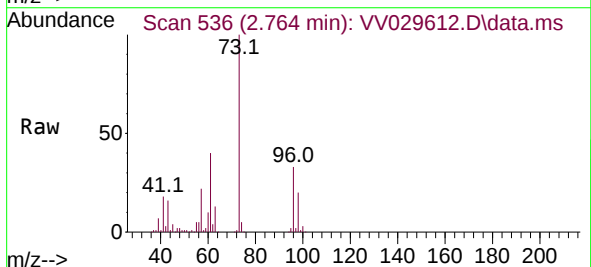
Instrument :
MSVOA_V
ClientSampleId :
EYF51MS

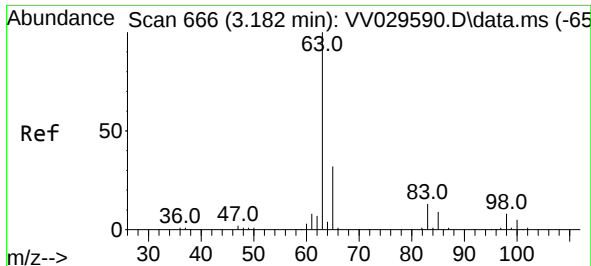
Tgt Ion: 96 Resp: 103389
Ion Ratio Lower Upper
96 100
61 128.7 86.4 160.4
98 63.4 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 35.772 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

Tgt Ion: 73 Resp: 308513
Ion Ratio Lower Upper
73 100
43 16.5 12.7 19.1
57 21.5 16.7 25.1





#19

1,1-Dichloroethane

Concen: 38.092 ug/L

RT: 3.185 min Scan# 666

Delta R.T. 0.003 min

Lab File: VV029612.D

Acq: 12 Dec 2022 21:43

Instrument :

MSVOA_V

ClientSampleId :

EYF51MS

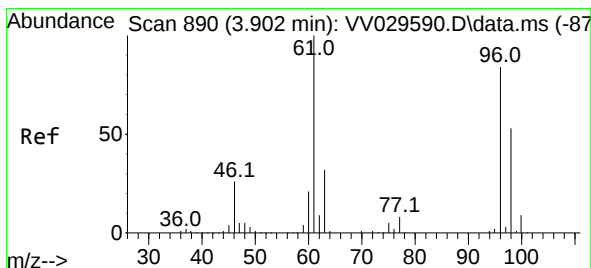
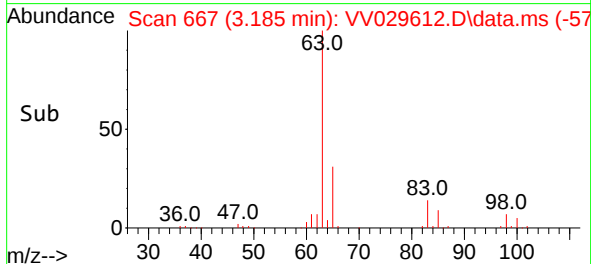
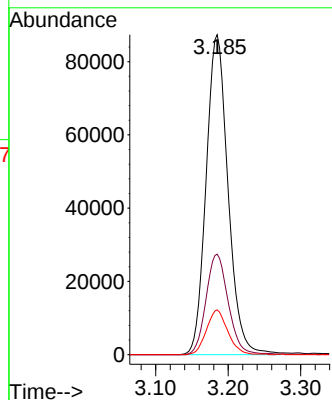
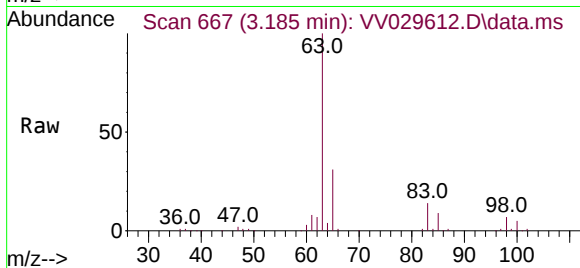
Tgt Ion: 63 Resp: 183694

Ion Ratio Lower Upper

63 100

65 31.4 22.5 41.7

83 14.0 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 37.011 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV029612.D

Acq: 12 Dec 2022 21:43

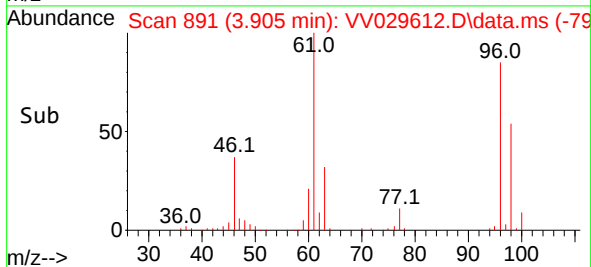
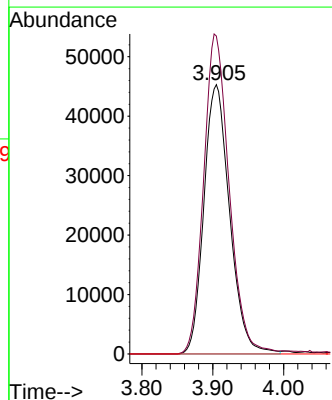
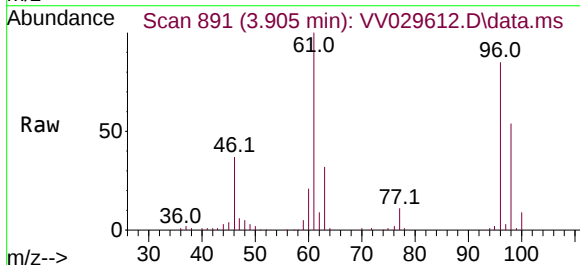
Tgt Ion: 96 Resp: 114561

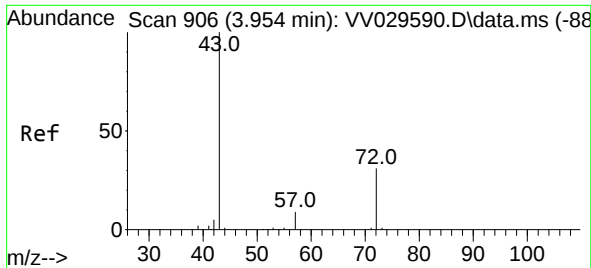
Ion Ratio Lower Upper

96 100

61 118.1 78.0 144.9

68 0.0 0.0 0.0

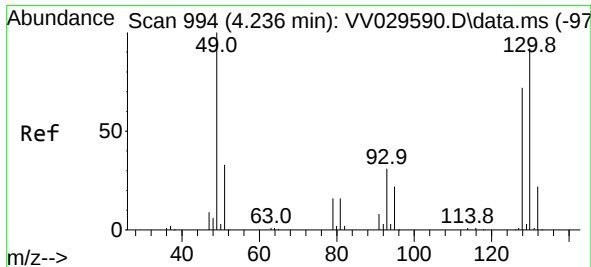
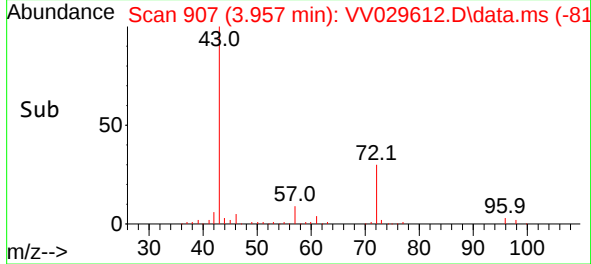
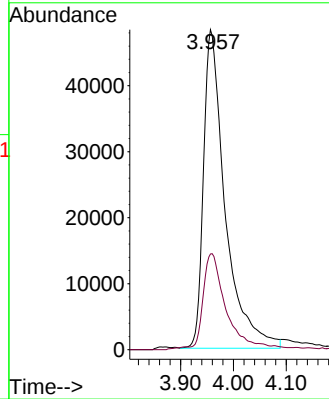
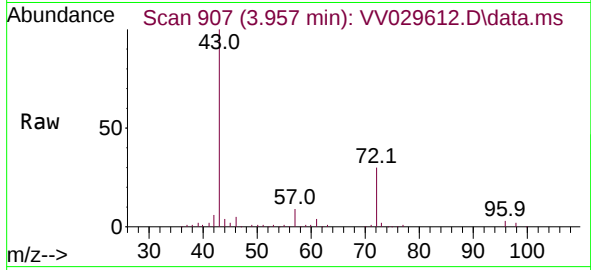




#22
2-Butanone
Concen: 77.842 ug/L
RT: 3.957 min Scan# 907
Delta R.T. 0.003 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

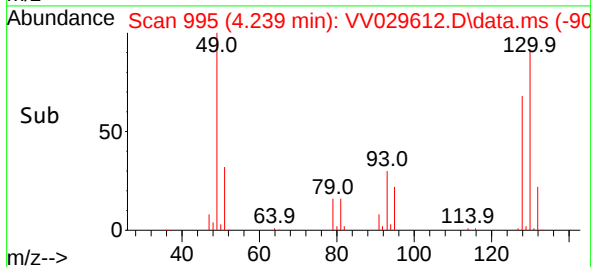
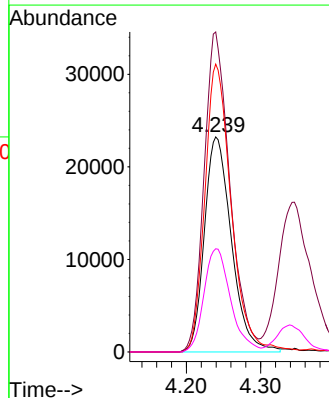
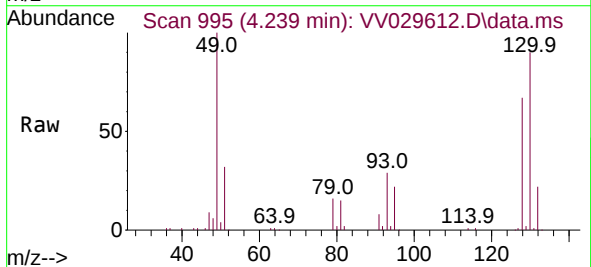
Instrument :
MSVOA_V
ClientSampleId :
EYF51MS

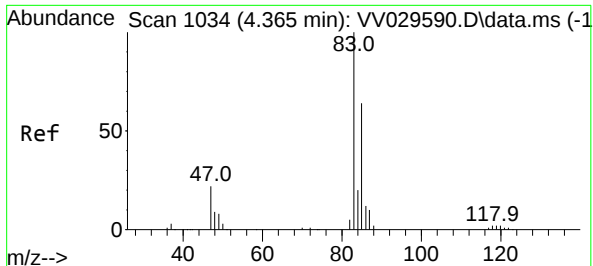
Tgt Ion: 43 Resp: 137761
Ion Ratio Lower Upper
43 100
72 29.6 15.9 47.6



#23
Bromochloromethane
Concen: 36.864 ug/L
RT: 4.239 min Scan# 995
Delta R.T. 0.003 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

Tgt Ion: 128 Resp: 58757
Ion Ratio Lower Upper
128 100
49 148.8 92.2 171.2
130 133.8 88.3 164.1
51 48.0 34.1 51.1





#25

Chloroform

Concen: 37.841 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VV029612.D

Acq: 12 Dec 2022 21:43

Instrument :

MSVOA_V

ClientSampleId :

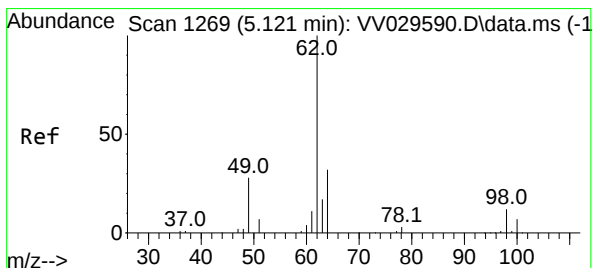
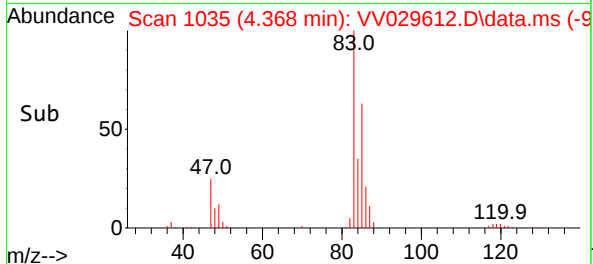
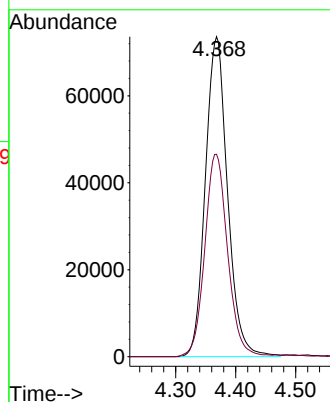
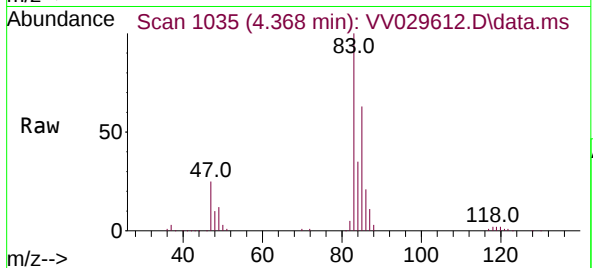
EYF51MS

Tgt Ion: 83 Resp: 189185

Ion Ratio Lower Upper

83 100

85 63.3 45.1 83.9



#27

1,2-Dichloroethane

Concen: 37.791 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.003 min

Lab File: VV029612.D

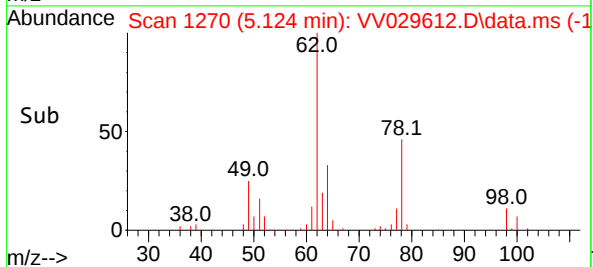
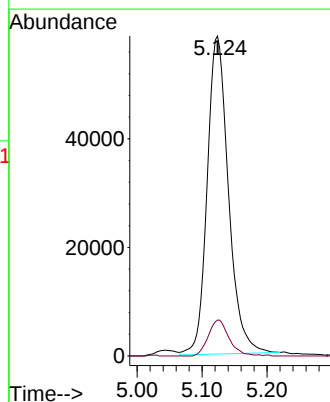
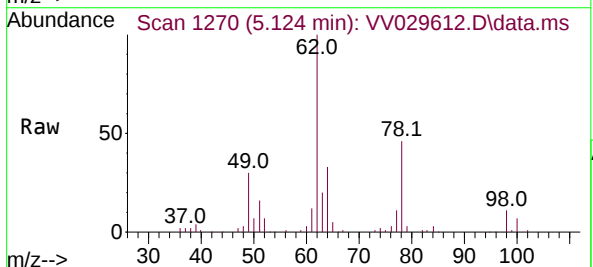
Acq: 12 Dec 2022 21:43

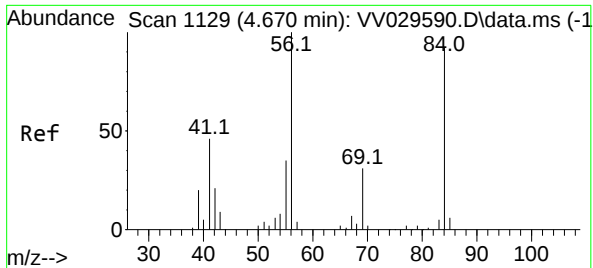
Tgt Ion: 62 Resp: 133462

Ion Ratio Lower Upper

62 100

98 11.2 9.4 14.0





#29

Cyclohexane

Concen: 34.703 ug/L

RT: 4.674 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV029612.D

Acq: 12 Dec 2022 21:43

Instrument :

MSVOA_V

ClientSampleId :

EYF51MS

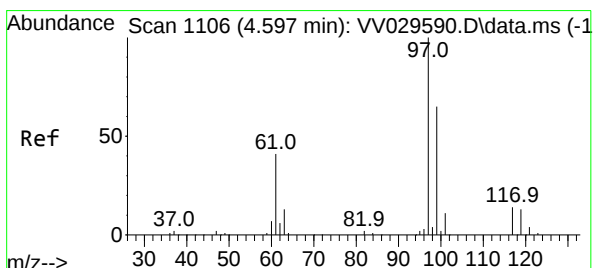
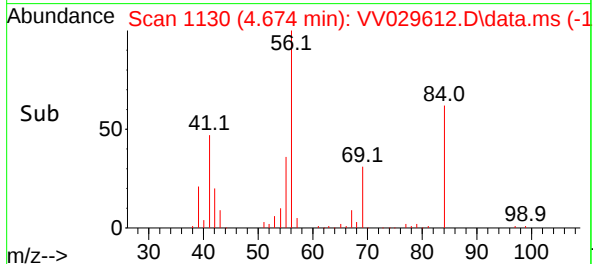
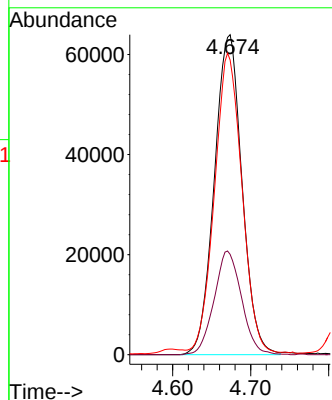
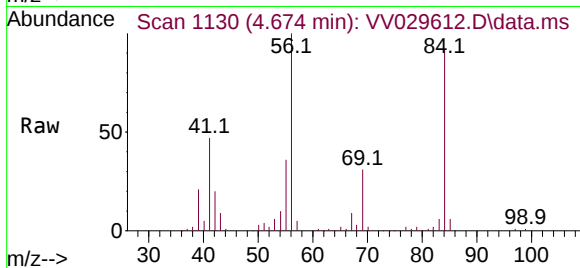
Tgt Ion: 56 Resp: 157894

Ion Ratio Lower Upper

56 100

69 32.0 25.8 38.8

84 93.5 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 34.887 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV029612.D

Acq: 12 Dec 2022 21:43

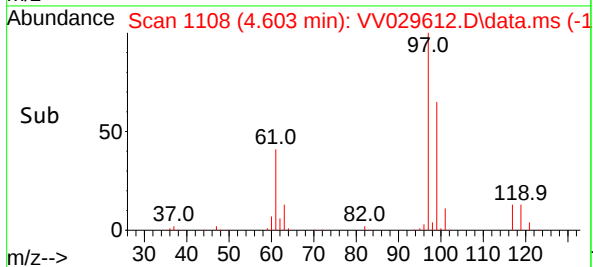
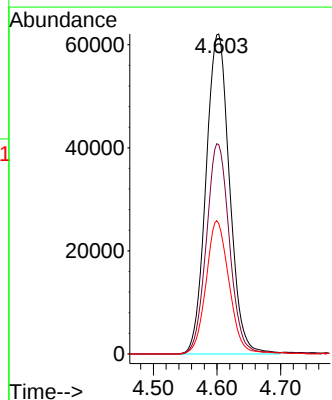
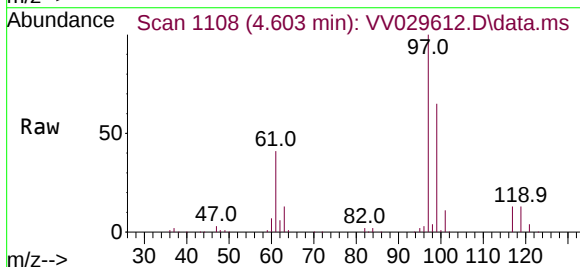
Tgt Ion: 97 Resp: 159644

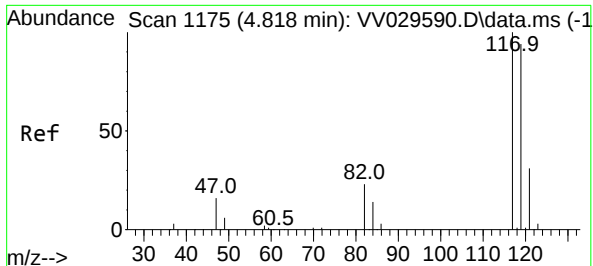
Ion Ratio Lower Upper

97 100

99 64.7 52.1 78.1

61 40.6 31.8 47.8

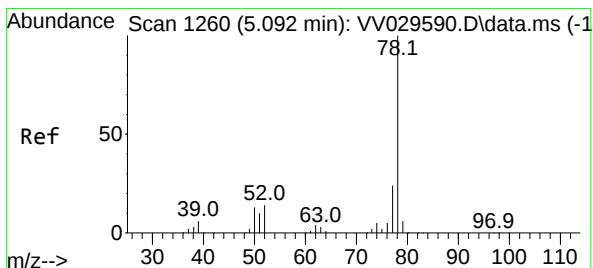
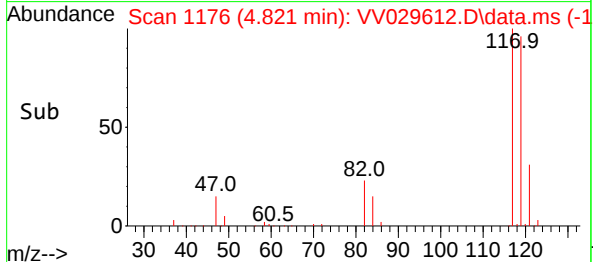
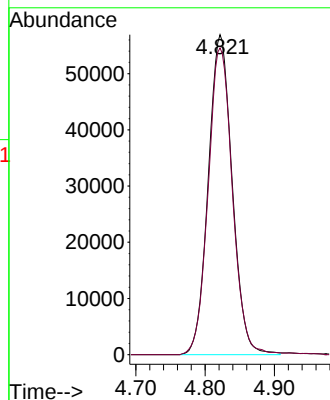
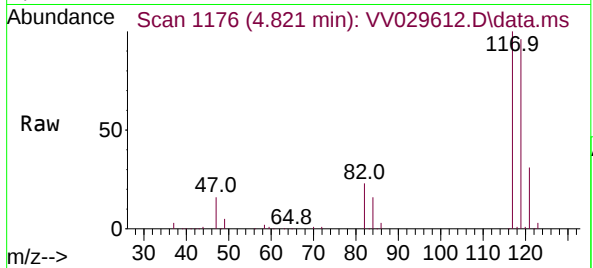




#31
Carbon tetrachloride
Concen: 34.174 ug/L
RT: 4.821 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

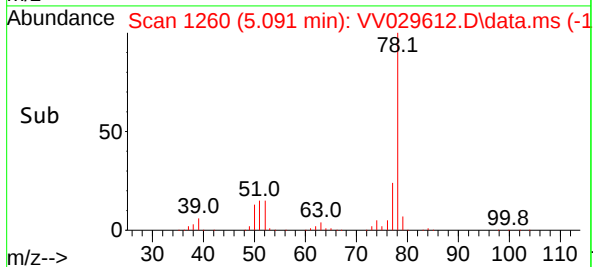
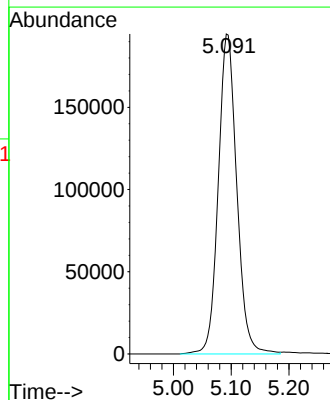
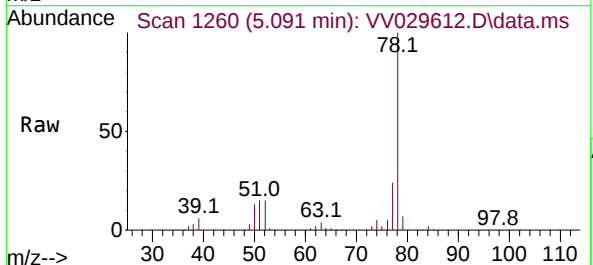
Instrument :
MSVOA_V
ClientSampleId :
EYF51MS

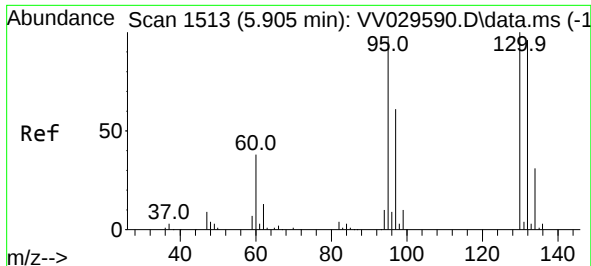
Tgt Ion:117 Resp: 136561
Ion Ratio Lower Upper
117 100
119 96.9 76.7 115.1



#33
Benzene
Concen: 36.585 ug/L
RT: 5.091 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

Tgt Ion: 78 Resp: 433128

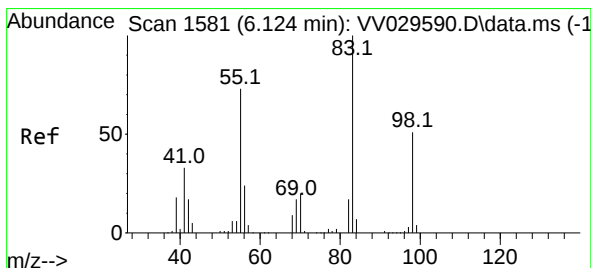
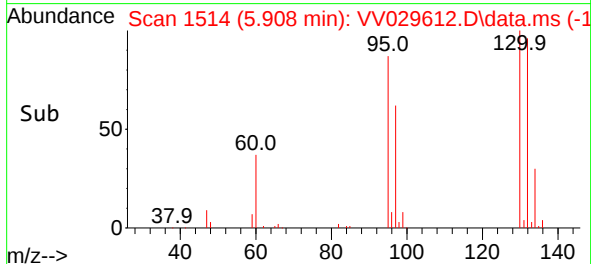
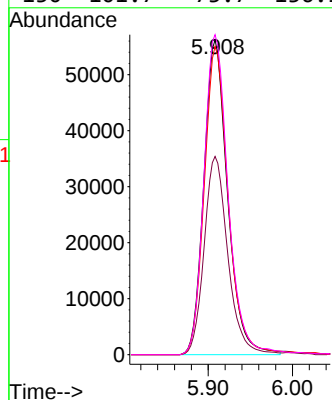
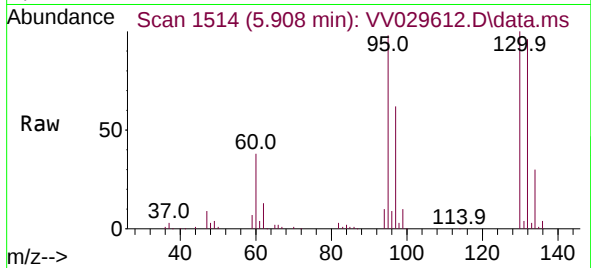




#34
Trichloroethene
Concen: 37.201 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

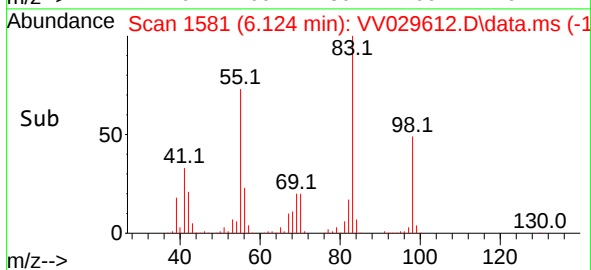
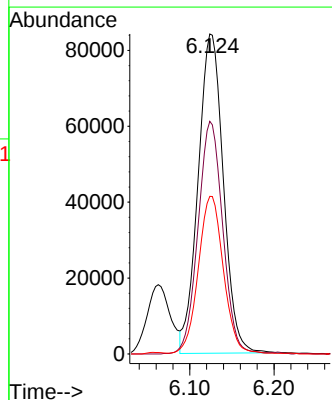
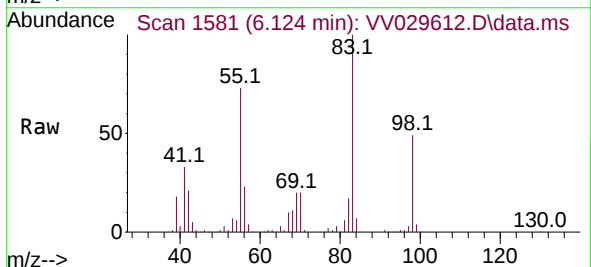
Instrument :
MSVOA_V
ClientSampleId :
EYF51MS

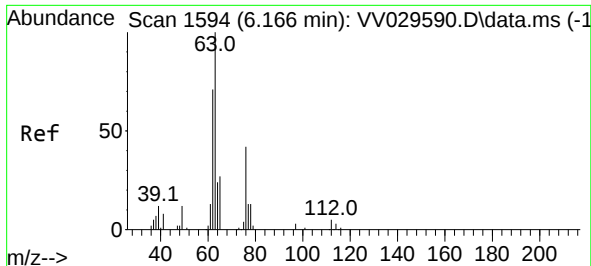
Tgt Ion: 95 Resp: 110364
Ion Ratio Lower Upper
95 100
97 63.0 44.0 81.8
132 98.0 69.9 129.9
130 101.7 73.7 136.9



#35
Methylcyclohexane
Concen: 34.764 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

Tgt Ion: 83 Resp: 175164
Ion Ratio Lower Upper
83 100
55 70.9 55.5 83.3
98 49.0 39.8 59.8





#37

1,2-Dichloropropane

Concen: 37.801 ug/L

RT: 6.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV029612.D

Acq: 12 Dec 2022 21:43

Instrument :

MSVOA_V

ClientSampleId :

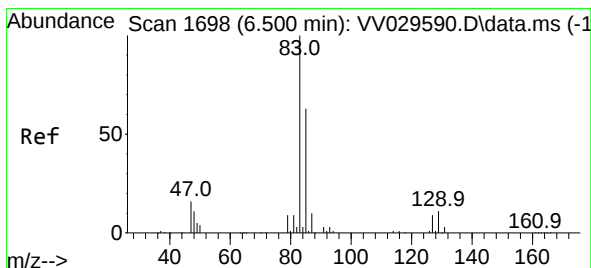
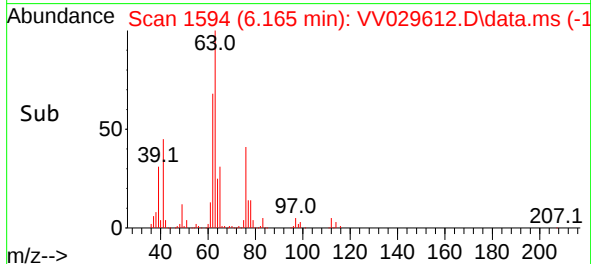
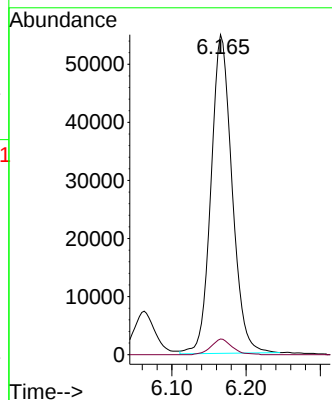
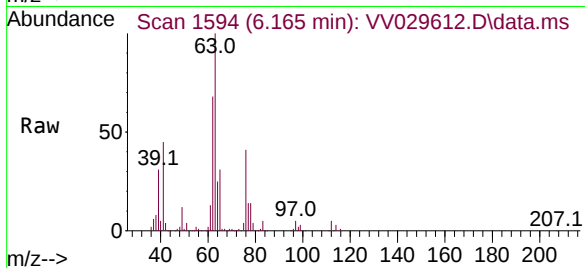
EYF51MS

Tgt Ion: 63 Resp: 108014

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 35.066 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VV029612.D

Acq: 12 Dec 2022 21:43

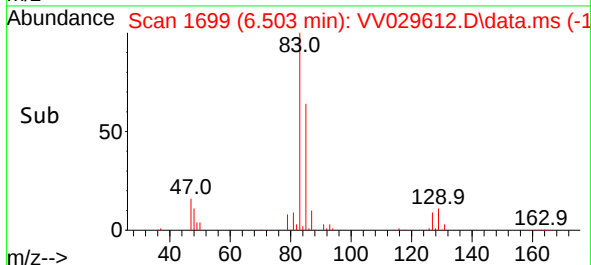
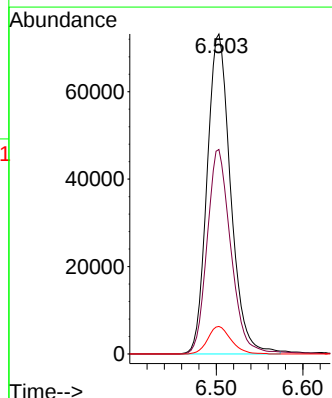
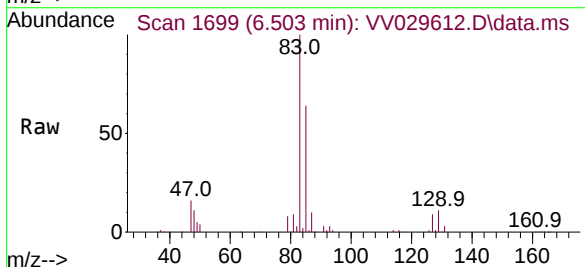
Tgt Ion: 83 Resp: 138324

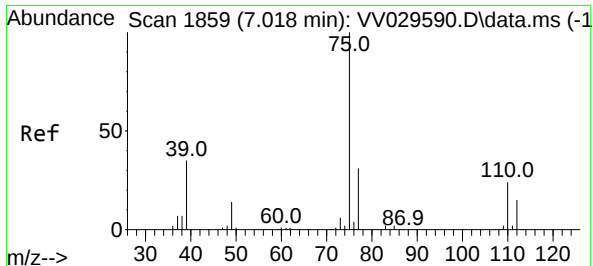
Ion Ratio Lower Upper

83 100

85 63.9 45.3 84.1

127 8.6 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 30.789 ug/L

RT: 7.021 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV029612.D

Acq: 12 Dec 2022 21:43

Instrument :

MSVOA_V

ClientSampleId :

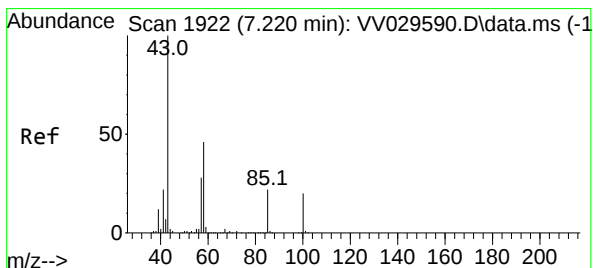
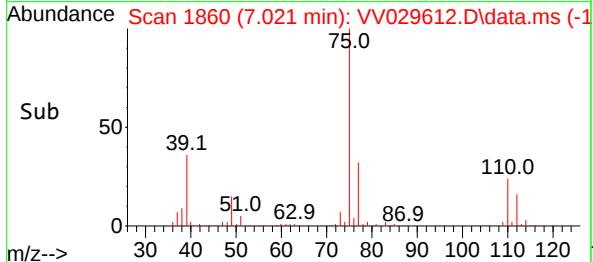
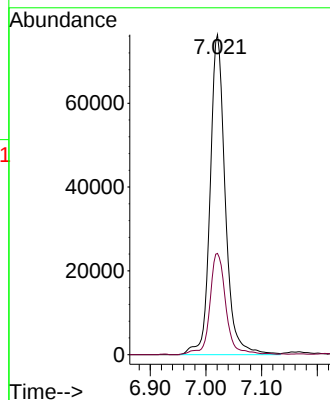
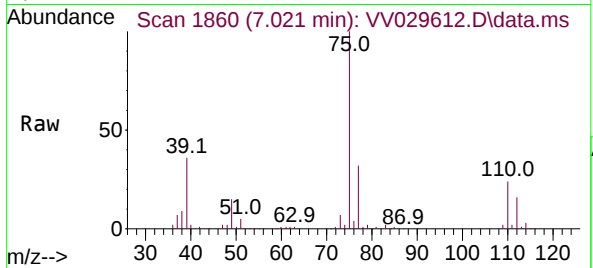
EYF51MS

Tgt Ion: 75 Resp: 144692

Ion Ratio Lower Upper

75 100

77 31.7 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 79.184 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.000 min

Lab File: VV029612.D

Acq: 12 Dec 2022 21:43

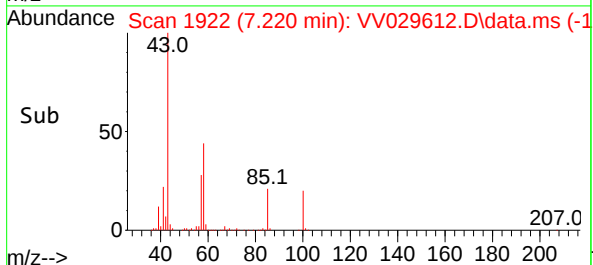
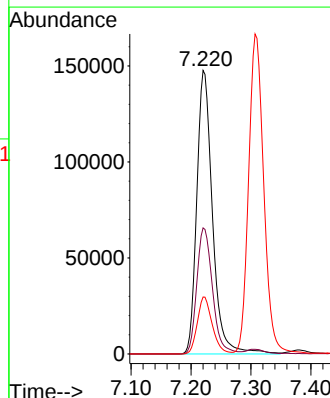
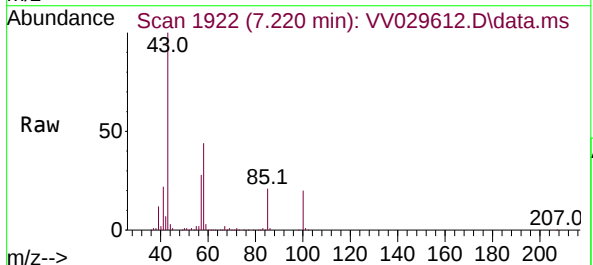
Tgt Ion: 43 Resp: 269777

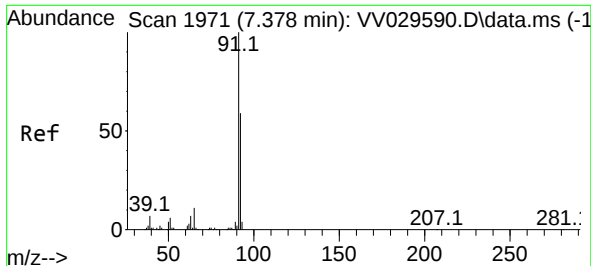
Ion Ratio Lower Upper

43 100

58 44.4 37.5 56.3

100 19.1 16.7 25.1





#42

Toluene

Concen: 35.750 ug/L

RT: 7.381 min Scan# 1971

Delta R.T. 0.003 min

Lab File: VV029612.D

Acq: 12 Dec 2022 21:43

Instrument :

MSVOA_V

ClientSampleId :

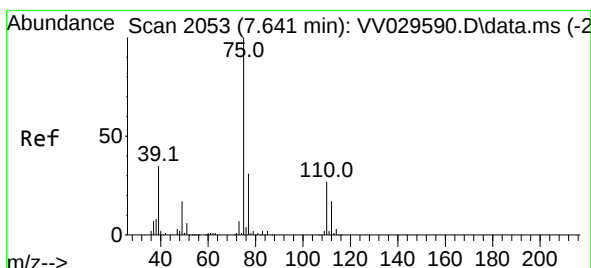
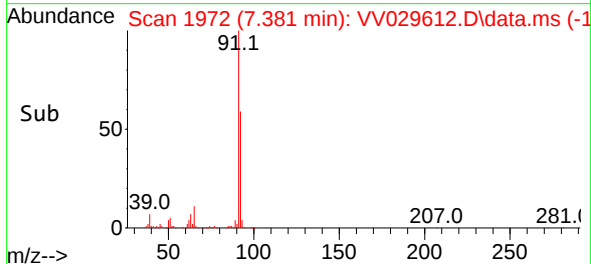
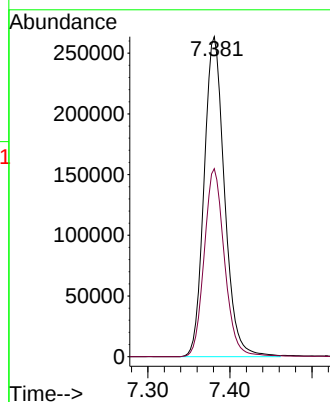
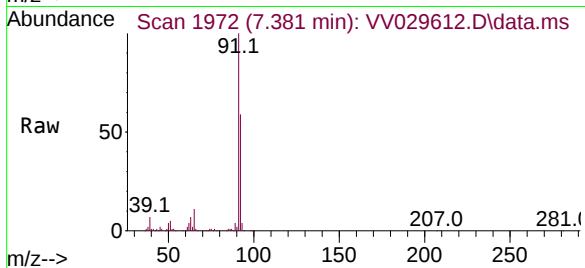
EYF51MS

Tgt Ion: 91 Resp: 455555

Ion Ratio Lower Upper

91 100

92 58.8 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 31.352 ug/L

RT: 7.644 min Scan# 2054

Delta R.T. 0.003 min

Lab File: VV029612.D

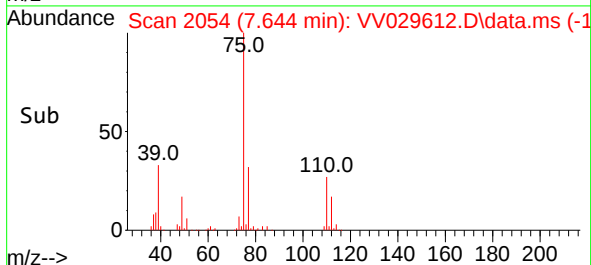
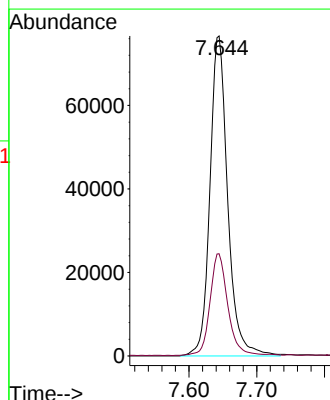
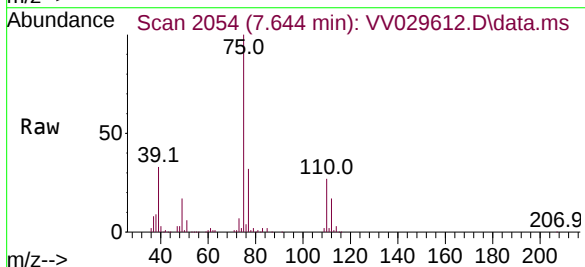
Acq: 12 Dec 2022 21:43

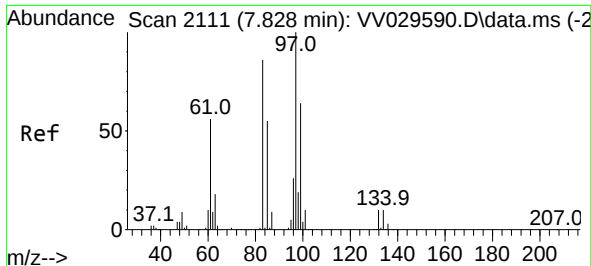
Tgt Ion: 75 Resp: 139530

Ion Ratio Lower Upper

75 100

77 32.0 22.3 41.5



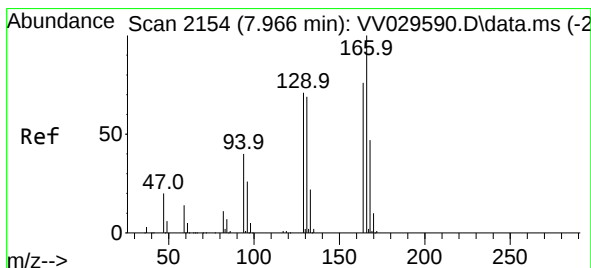
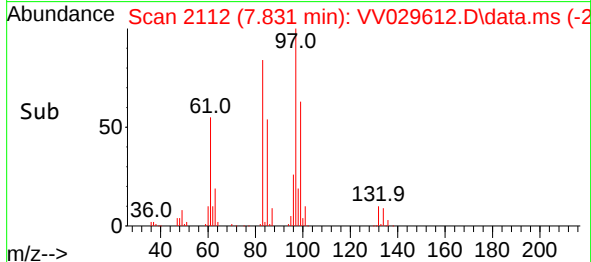
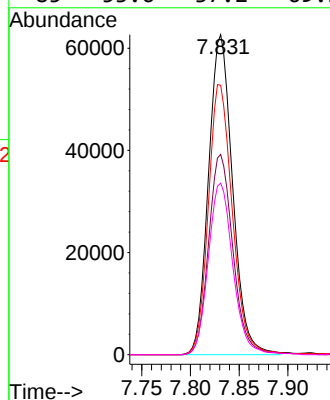
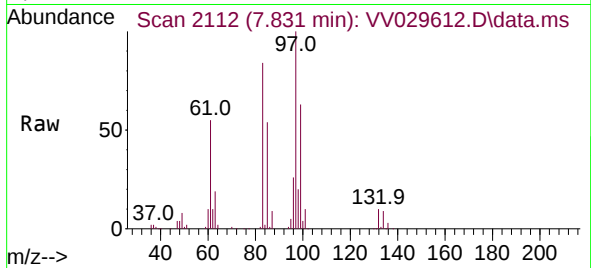


#45
1,1,2-Trichloroethane
Concen: 36.513 ug/L
RT: 7.831 min Scan# 2111
Delta R.T. 0.003 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

Instrument :
MSVOA_V
ClientSampleId :
EYF51MS

Tgt Ion: 97 Resp: 107789

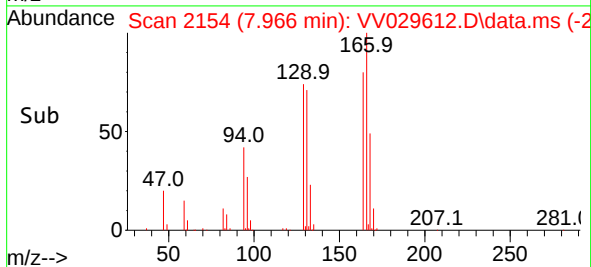
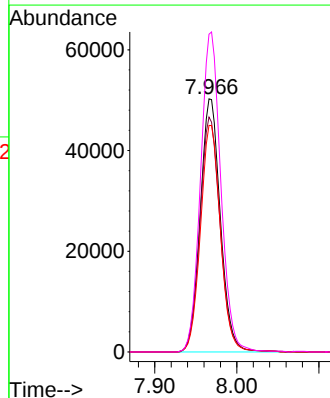
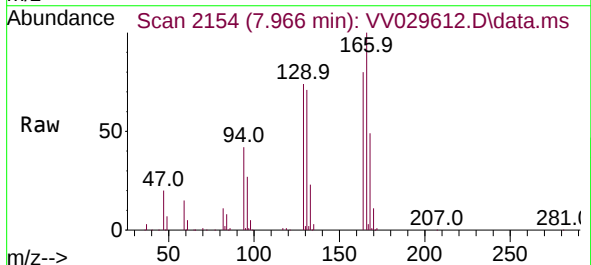
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.8	81.3
83	84.2	58.6	108.8
85	53.6	37.2	69.2

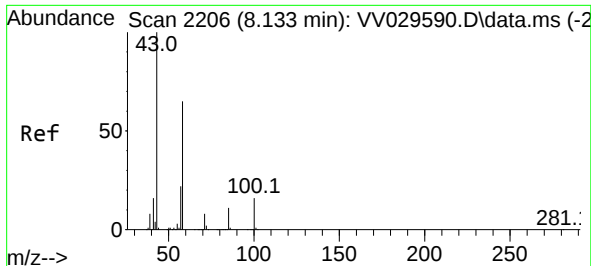


#46
Tetrachloroethene
Concen: 35.999 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

Tgt Ion: 164 Resp: 85865

Ion	Ratio	Lower	Upper
164	100		
129	92.8	65.3	121.3
131	89.5	63.1	117.1
166	125.5	90.8	168.6





#48

2-Hexanone

Concen: 78.801 ug/L

RT: 8.133 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029612.D

Acq: 12 Dec 2022 21:43

Instrument :

MSVOA_V

ClientSampleId :

EYF51MS

Tgt Ion: 43 Resp: 205114

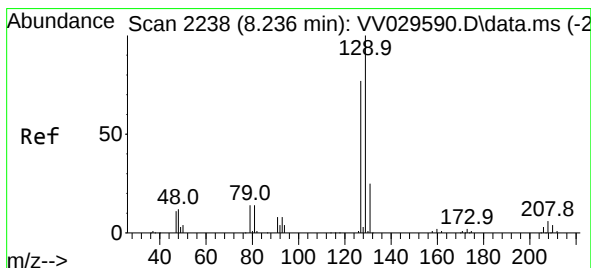
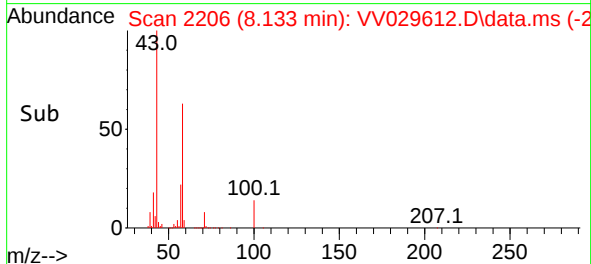
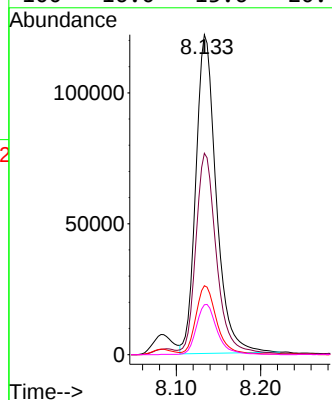
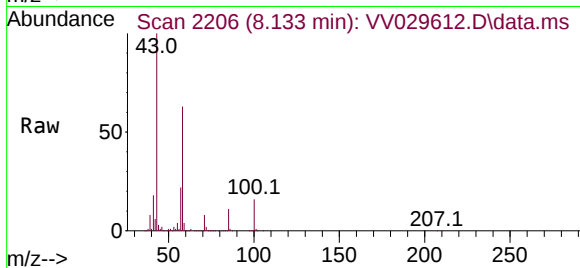
Ion Ratio Lower Upper

43 100

58 62.5 54.1 81.1

57 21.8 17.4 26.0

100 16.0 13.6 20.4



#49

Dibromochloromethane

Concen: 34.563 ug/L

RT: 8.236 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VV029612.D

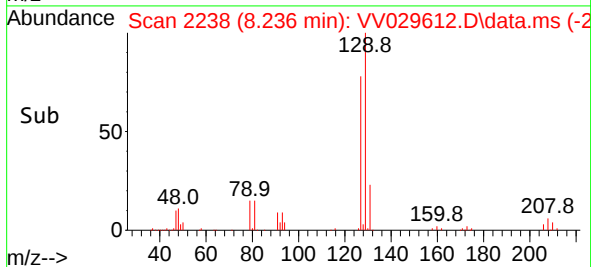
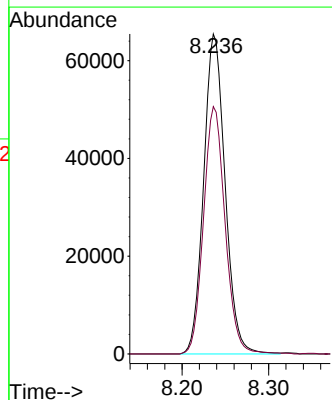
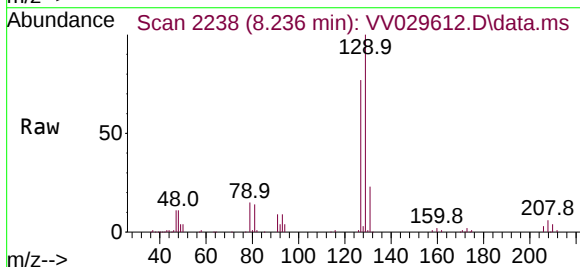
Acq: 12 Dec 2022 21:43

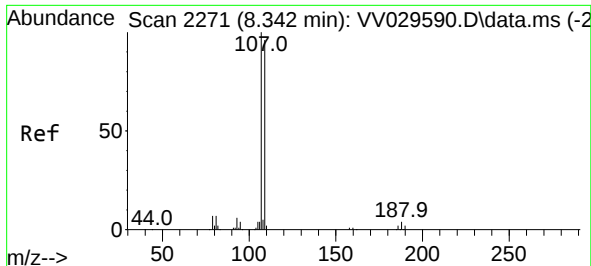
Tgt Ion: 129 Resp: 112650

Ion Ratio Lower Upper

129 100

127 77.3 55.2 102.4





#50

1,2-Dibromoethane

Concen: 35.175 ug/L

RT: 8.342 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029612.D

Acq: 12 Dec 2022 21:43

Instrument :

MSVOA_V

ClientSampleId :

EYF51MS

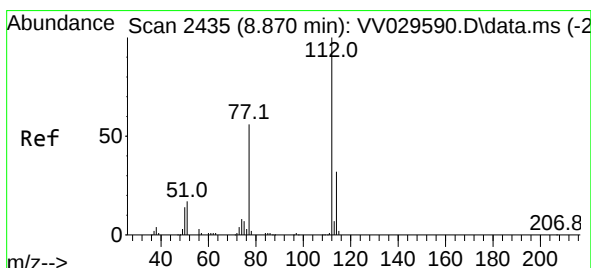
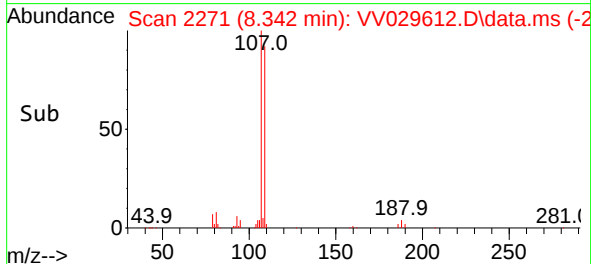
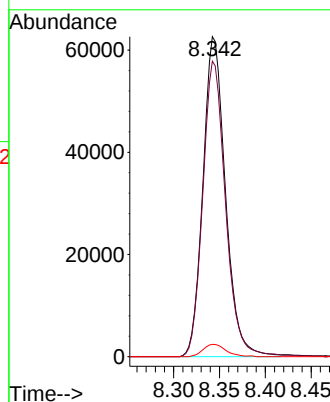
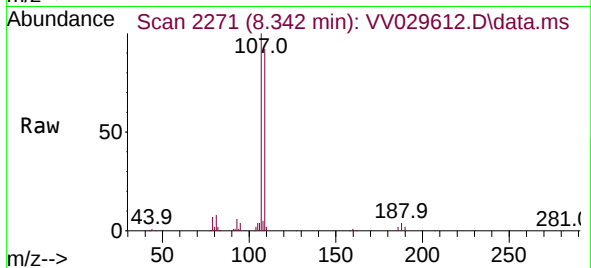
Tgt Ion:107 Resp: 106981

Ion Ratio Lower Upper

107 100

109 92.3 66.0 122.6

188 3.8 3.2 4.8



#51

Chlorobenzene

Concen: 36.389 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.003 min

Lab File: VV029612.D

Acq: 12 Dec 2022 21:43

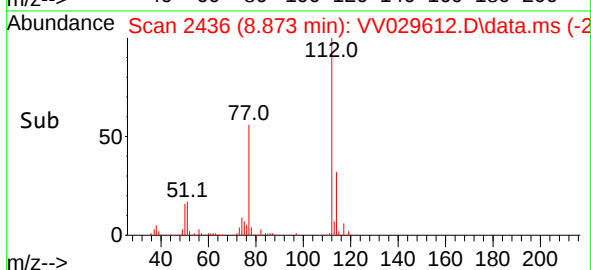
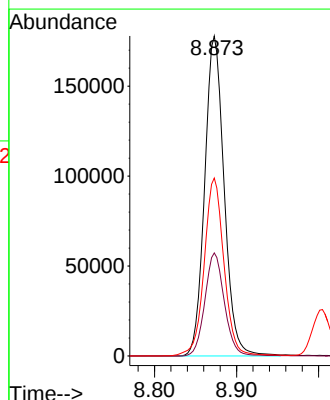
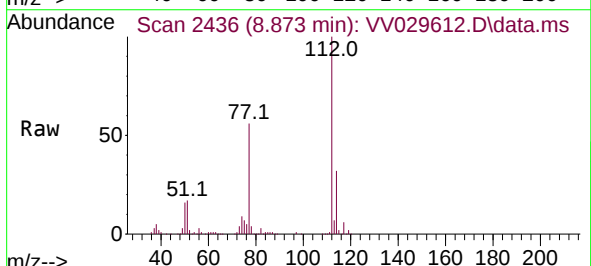
Tgt Ion:112 Resp: 293624

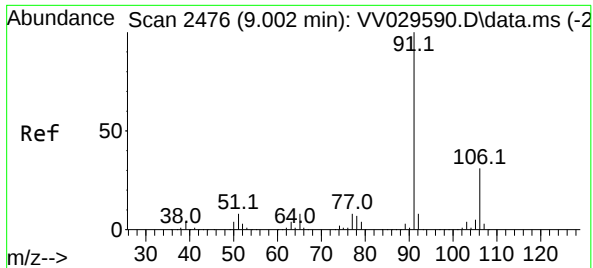
Ion Ratio Lower Upper

112 100

114 32.2 22.3 41.3

77 55.6 45.0 67.4

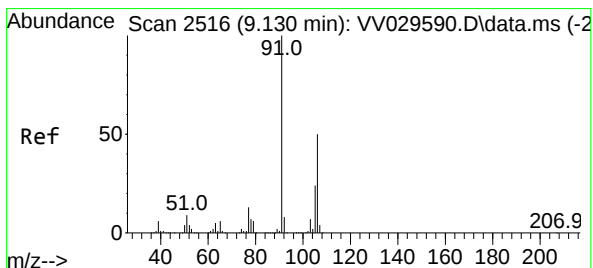
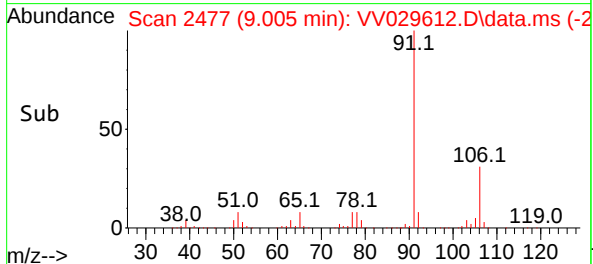
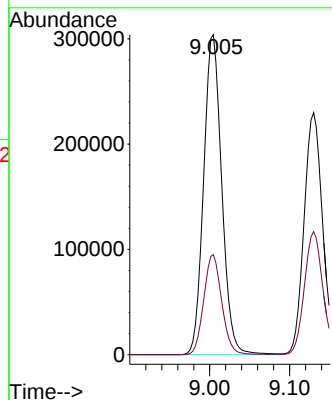
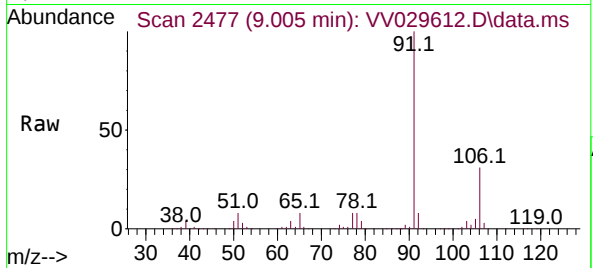




#52
Ethylbenzene
Concen: 35.791 ug/L
RT: 9.005 min Scan# 2476
Delta R.T. 0.003 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

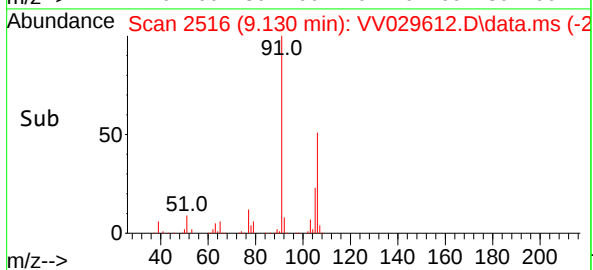
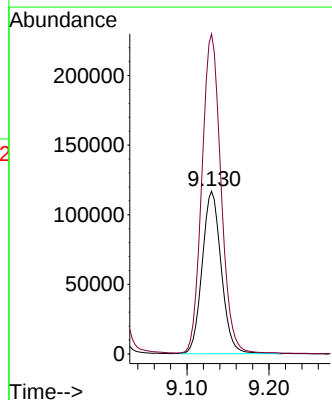
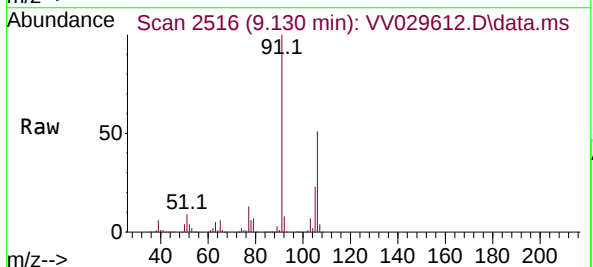
Instrument :
MSVOA_V
ClientSampleId :
EYF51MS

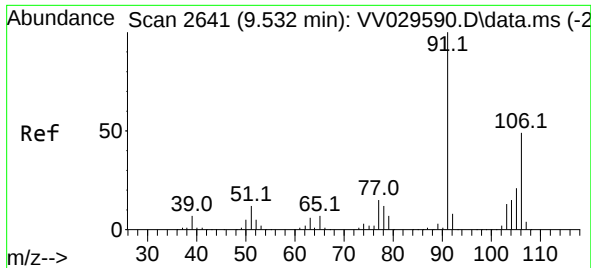
Tgt Ion: 91 Resp: 479493
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.6



#53
m,p-Xylene
Concen: 35.475 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

Tgt Ion: 106 Resp: 188101
Ion Ratio Lower Upper
106 100
91 196.7 139.5 259.1

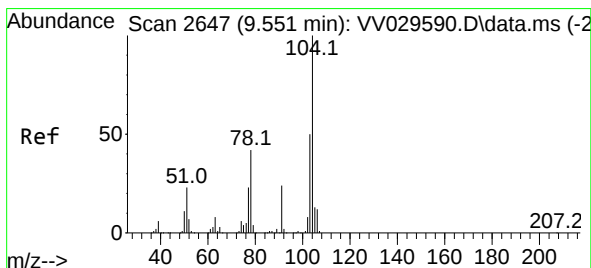
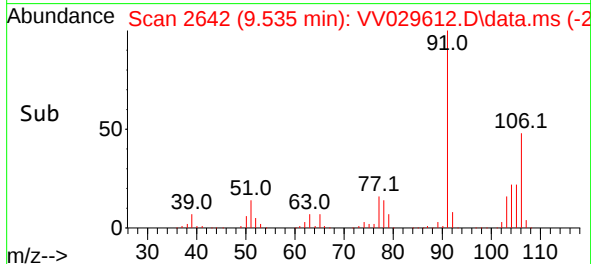
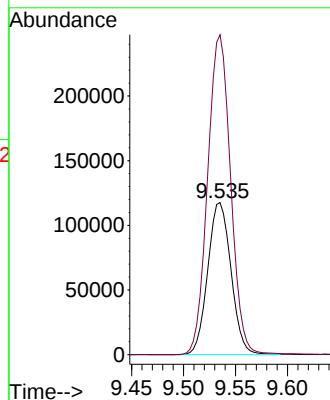
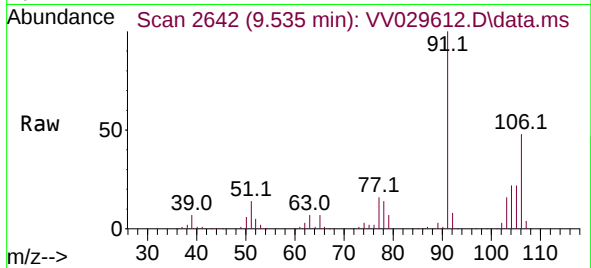




#54
o-Xylene
Concen: 34.966 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.003 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

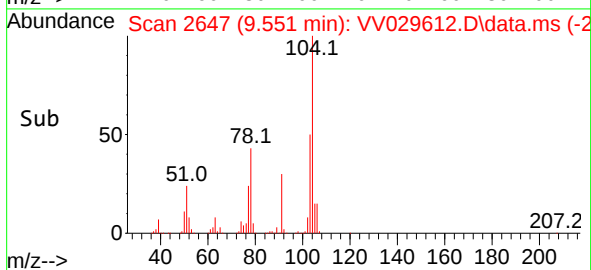
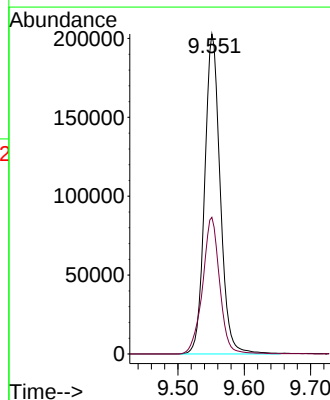
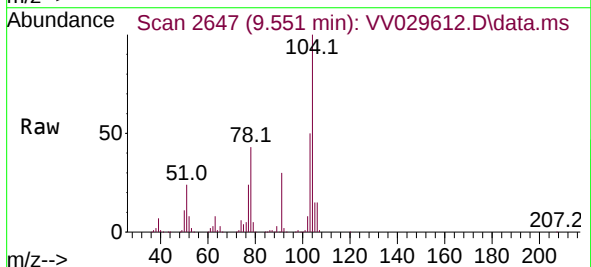
Instrument :
MSVOA_V
ClientSampleId :
EYF51MS

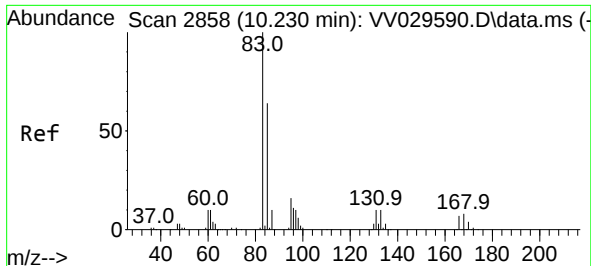
Tgt Ion:106 Resp: 183395
Ion Ratio Lower Upper
106 100
91 210.4 148.0 274.8



#55
Styrene
Concen: 36.196 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

Tgt Ion:104 Resp: 329920
Ion Ratio Lower Upper
104 100
78 42.7 29.4 54.6

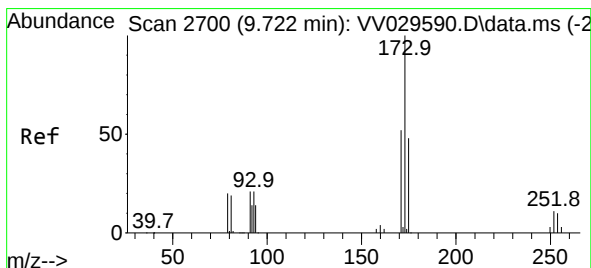
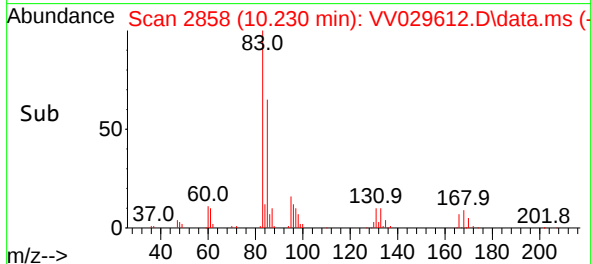
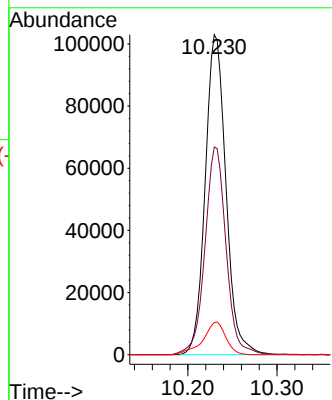
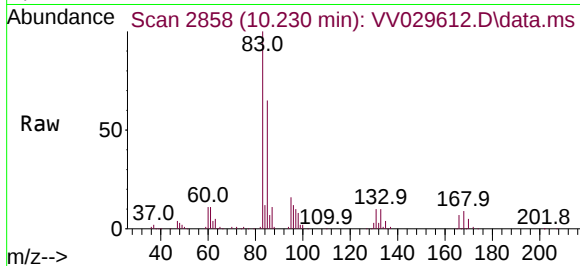




#57
1,1,2,2-Tetrachloroethane
Concen: 35.186 ug/L
RT: 10.230 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

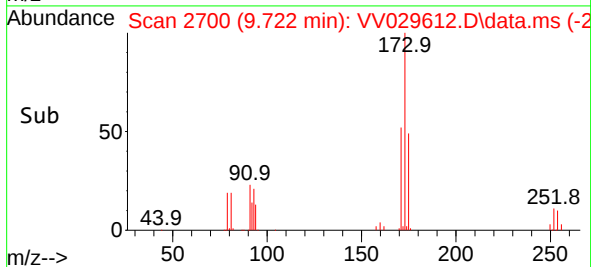
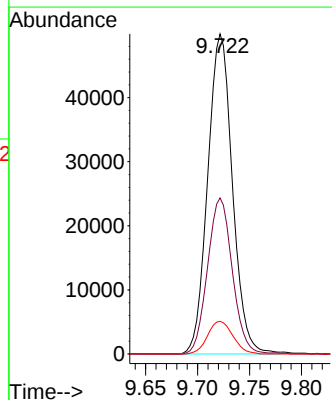
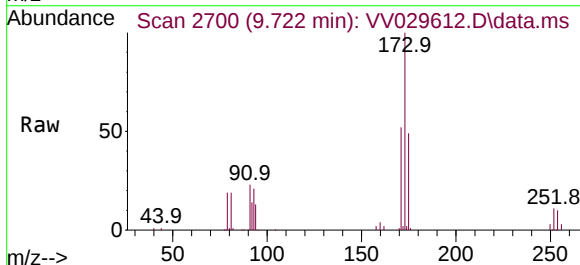
Instrument :
MSVOA_V
ClientSampleId :
EYF51MS

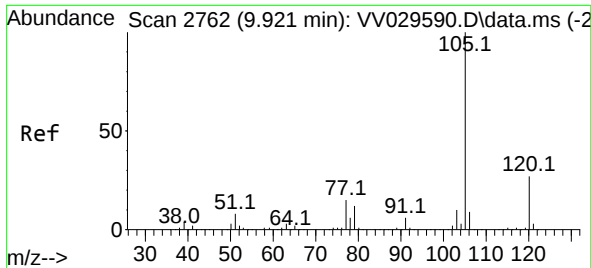
Tgt Ion: 83 Resp: 166156
Ion Ratio Lower Upper
83 100
85 64.9 45.7 84.9
131 10.1 7.9 11.9



#59
Bromoform
Concen: 33.036 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. -0.000 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

Tgt Ion: 173 Resp: 82585
Ion Ratio Lower Upper
173 100
175 48.6 38.4 57.6
254 10.5 7.8 11.8

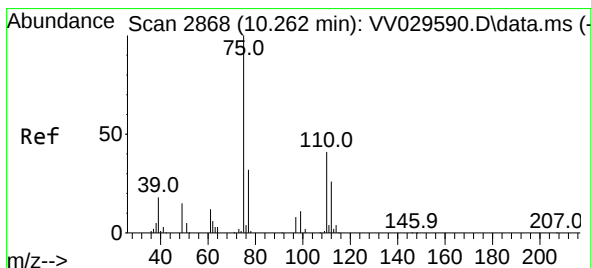
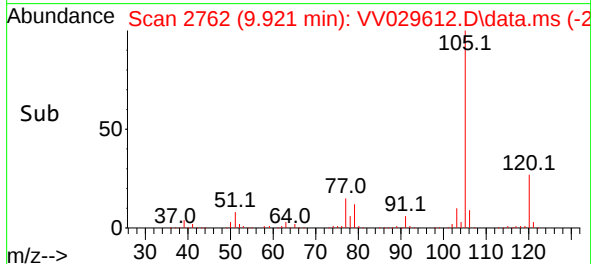
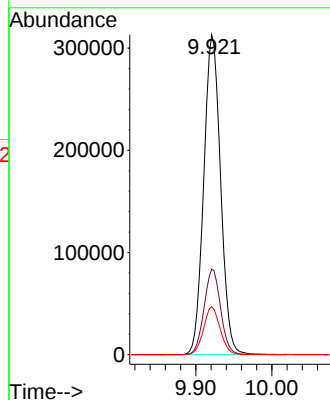
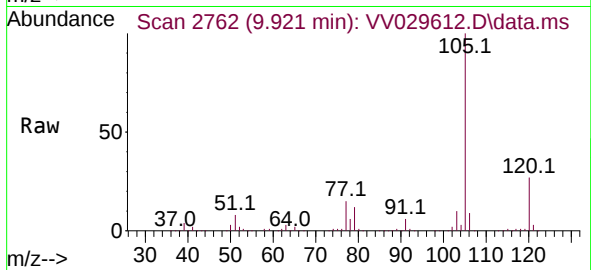




#60
Isopropylbenzene
Concen: 36.288 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

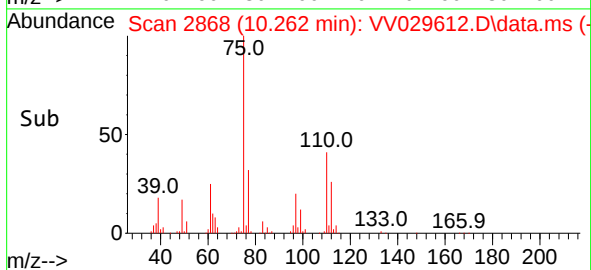
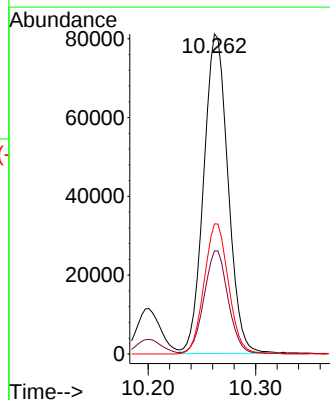
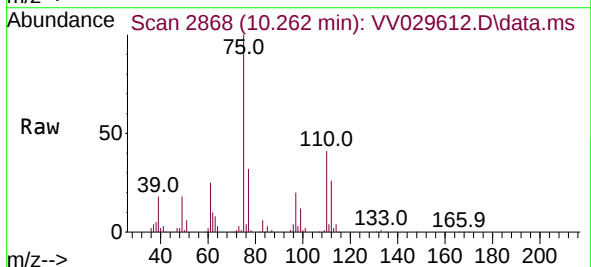
Instrument :
MSVOA_V
ClientSampleId :
EYF51MS

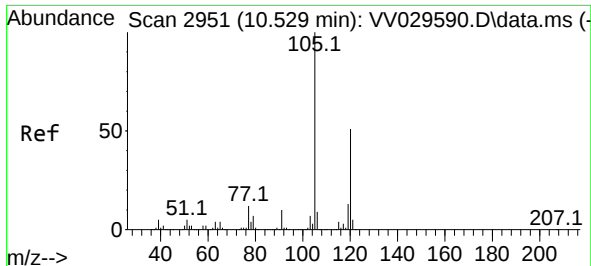
Tgt Ion:105 Resp: 482132
Ion Ratio Lower Upper
105 100
120 26.3 21.1 31.7
77 14.8 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 36.477 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.000 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

Tgt Ion: 75 Resp: 127417
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2
110 40.9 32.7 49.1

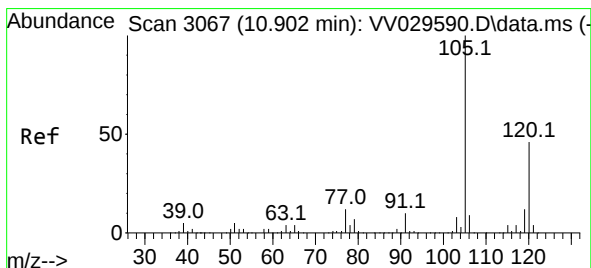
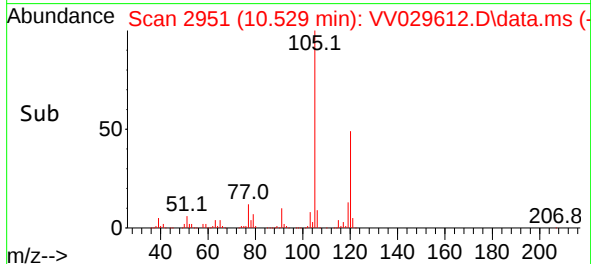
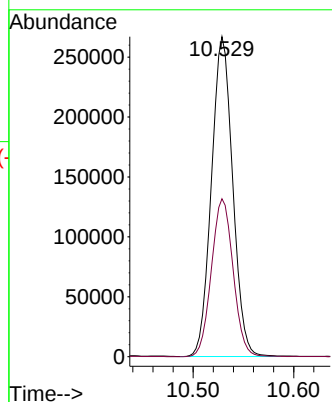
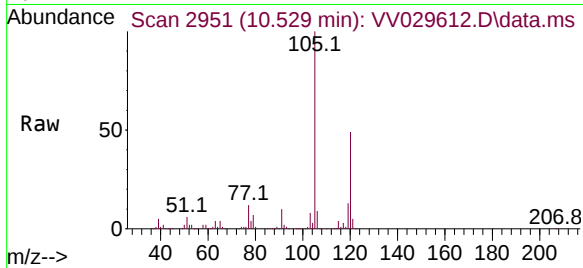




#62
1,3,5-Trimethylbenzene
Concen: 33.401 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

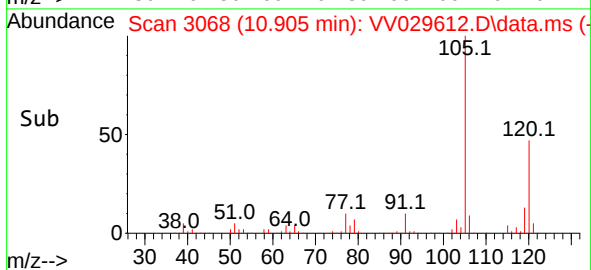
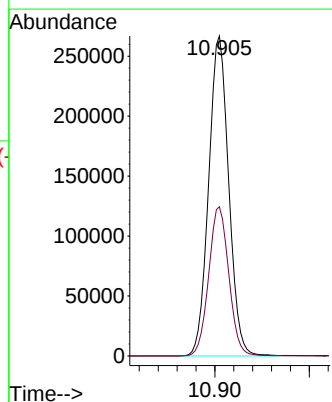
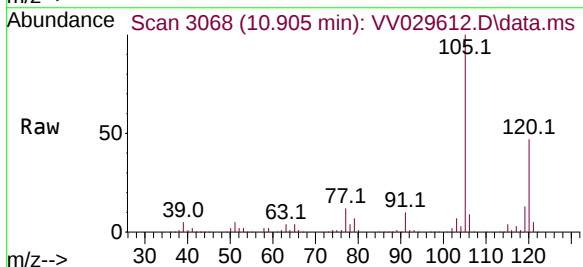
Instrument :
MSVOA_V
ClientSampleId :
EYF51MS

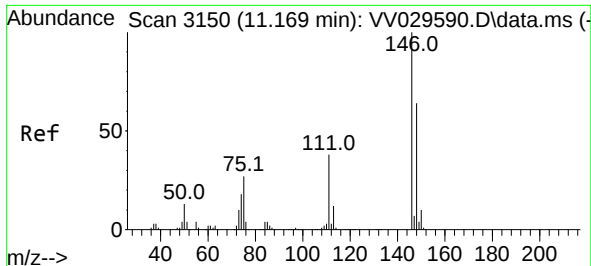
Tgt Ion:105 Resp: 392382
Ion Ratio Lower Upper
105 100
120 50.4 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 33.739 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.003 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

Tgt Ion:105 Resp: 392883
Ion Ratio Lower Upper
105 100
120 46.9 36.7 55.1

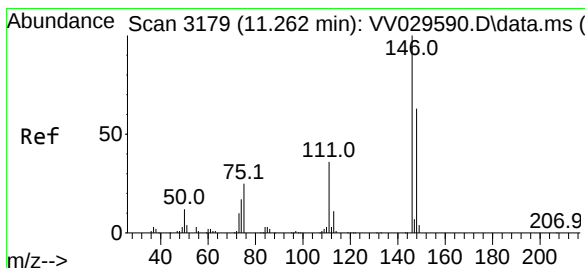
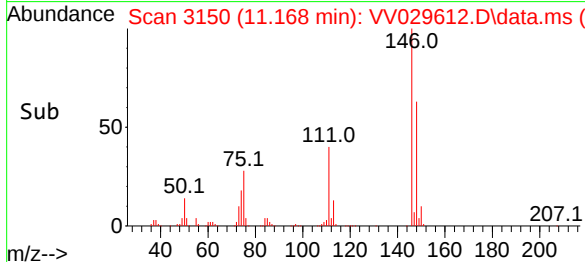
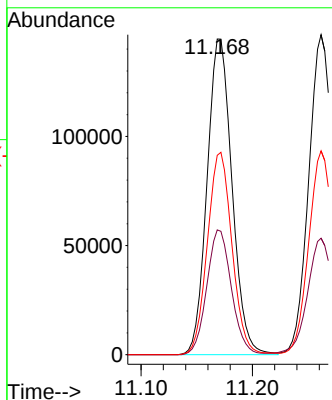
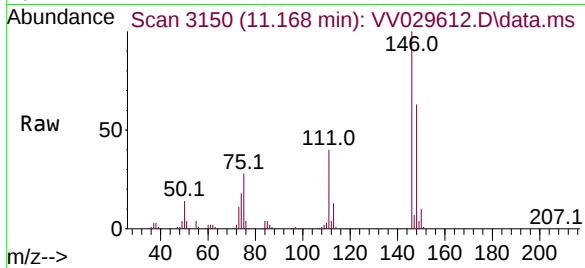




#64
1,3-Dichlorobenzene
Concen: 34.702 ug/L
RT: 11.168 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

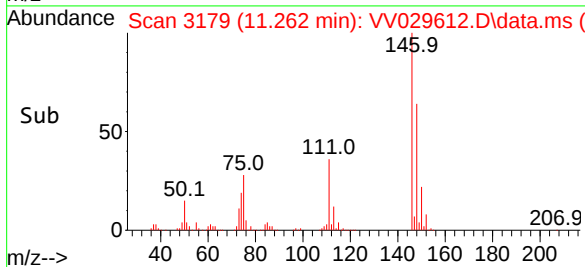
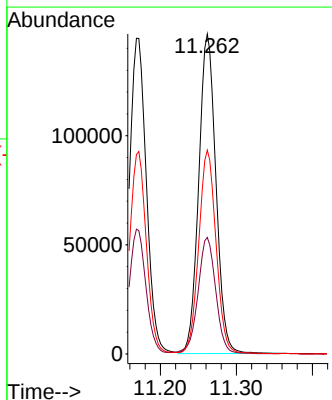
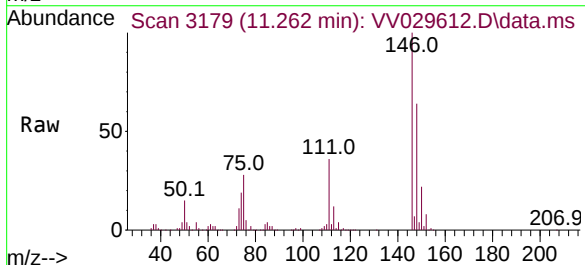
Instrument :
MSVOA_V
ClientSampleId :
EYF51MS

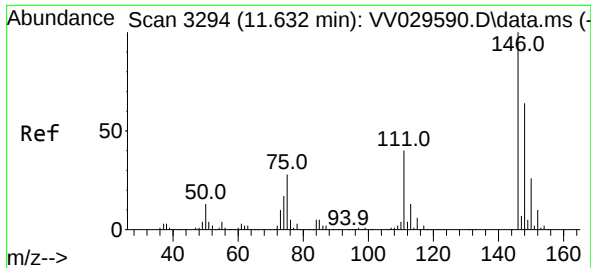
Tgt Ion:146 Resp: 225438
Ion Ratio Lower Upper
146 100
111 39.5 27.4 51.0
148 63.2 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 34.899 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

Tgt Ion:146 Resp: 230409
Ion Ratio Lower Upper
146 100
111 36.4 26.2 48.8
148 63.7 44.7 83.1

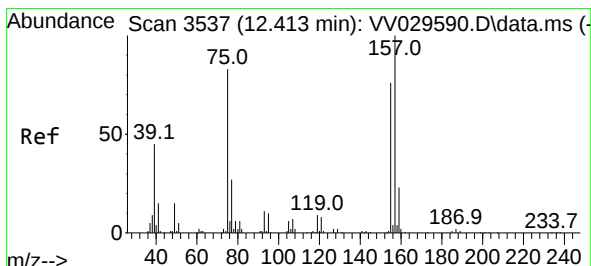
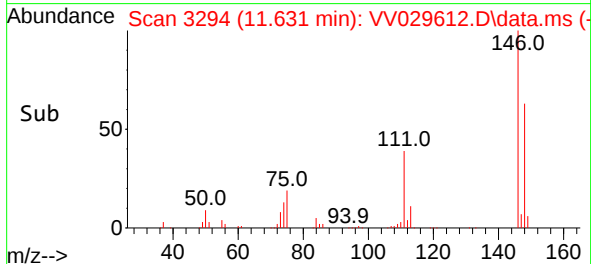
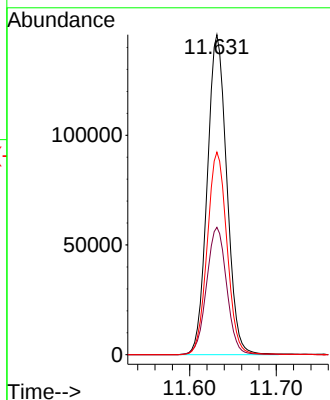
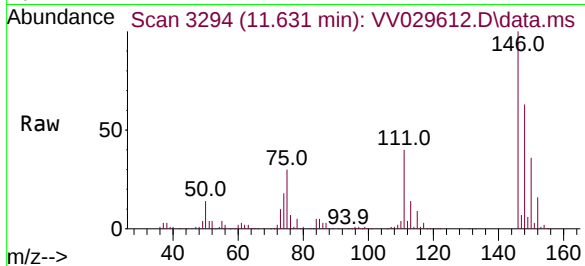




#67
1,2-Dichlorobenzene
Concen: 34.473 ug/L
RT: 11.631 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

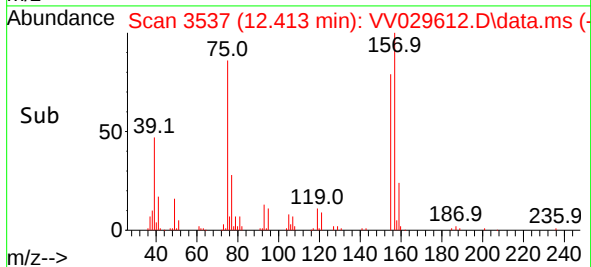
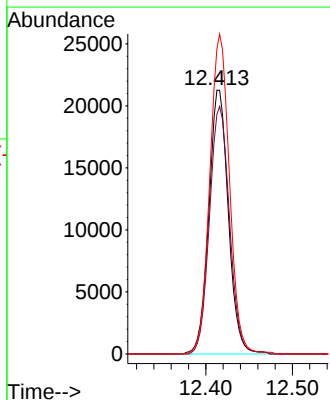
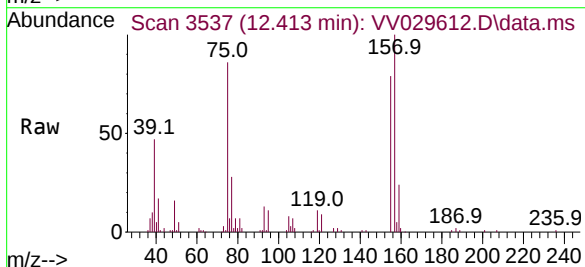
Instrument :
MSVOA_V
ClientSampleId :
EYF51MS

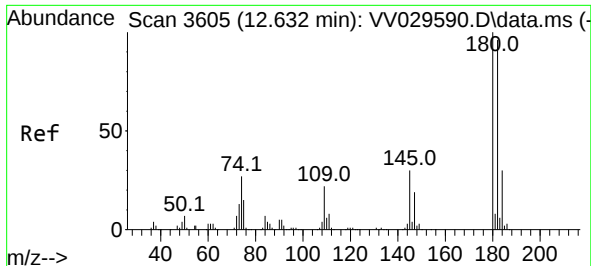
Tgt Ion:146 Resp: 229010
Ion Ratio Lower Upper
146 100
111 39.8 32.0 48.0
148 63.3 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 30.682 ug/L
RT: 12.413 min Scan# 3537
Delta R.T. -0.000 min
Lab File: VV029612.D
Acq: 12 Dec 2022 21:43

Tgt Ion: 75 Resp: 33311
Ion Ratio Lower Upper
75 100
155 90.9 76.2 114.2
157 115.7 96.0 144.0



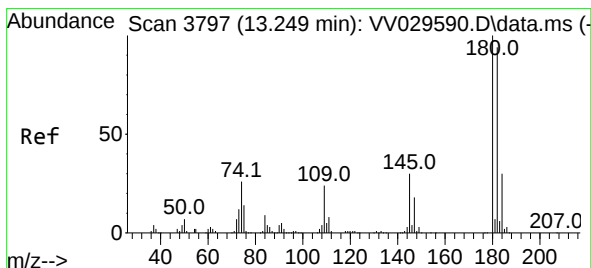
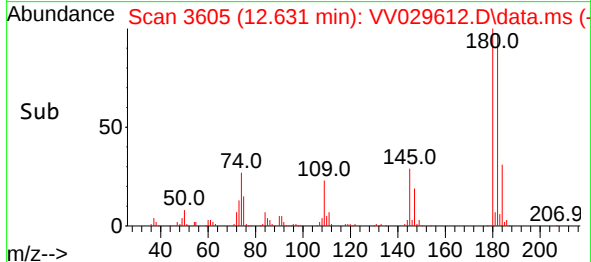
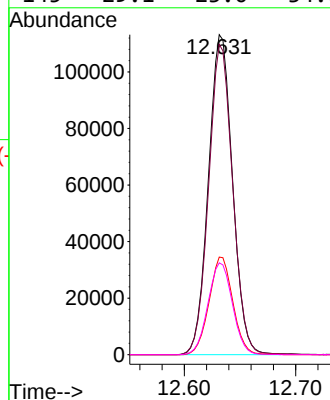
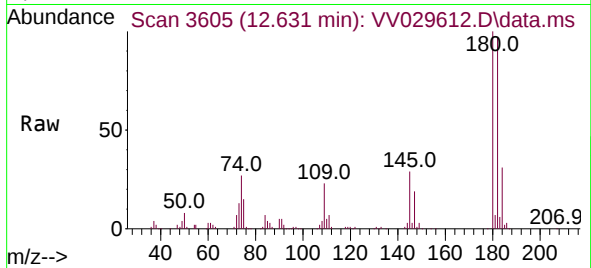


#69
 1,3,5-Trichlorobenzene
 Concen: 32.899 ug/L
 RT: 12.631 min Scan# 3605
 Delta R.T. -0.000 min
 Lab File: VV029612.D
 Acq: 12 Dec 2022 21:43

Instrument :
 MSVOA_V
 ClientSampleId :
 EYF51MS

Tgt Ion:180 Resp: 170083

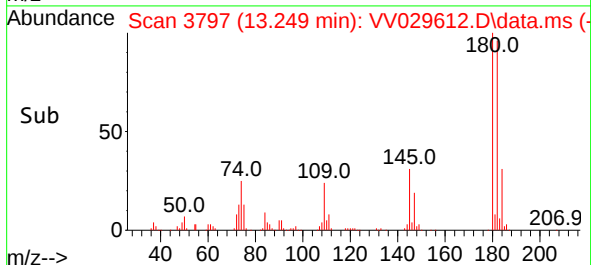
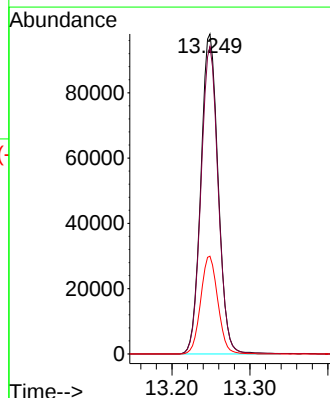
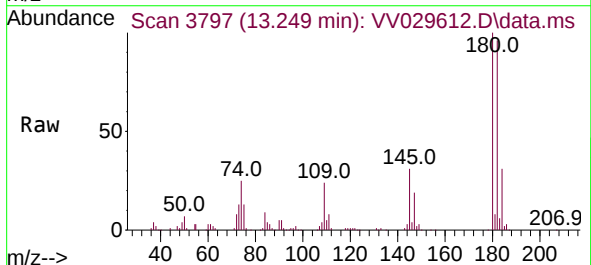
Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.5	114.7
184	30.1	24.6	36.8
145	29.1	23.0	34.6

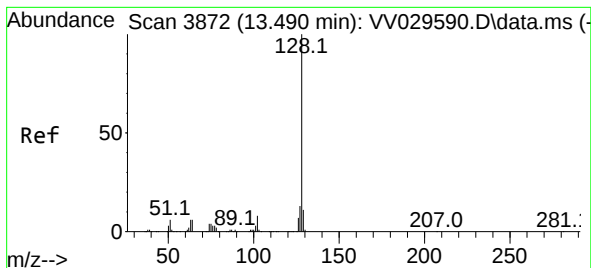


#70
 1,2,4-trichlorobenzene
 Concen: 32.813 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. -0.000 min
 Lab File: VV029612.D
 Acq: 12 Dec 2022 21:43

Tgt Ion:180 Resp: 150850

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.3	114.5
145	30.2	23.7	35.5





#71

Naphthalene

Concen: 33.220 ug/L

RT: 13.493 min Scan# 3872

Delta R.T. 0.003 min

Lab File: VV029612.D

Acq: 12 Dec 2022 21:43

Instrument :

MSVOA_V

ClientSampleId :

EYF51MS

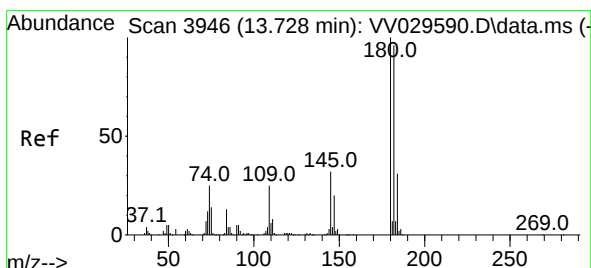
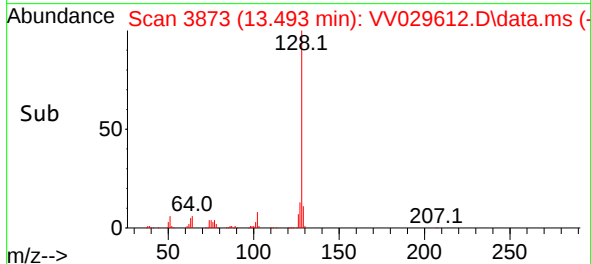
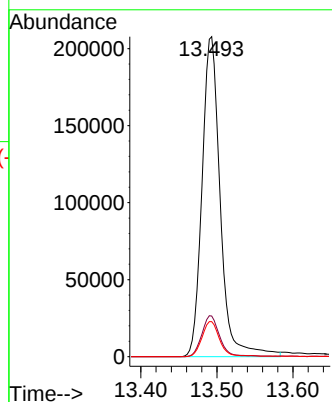
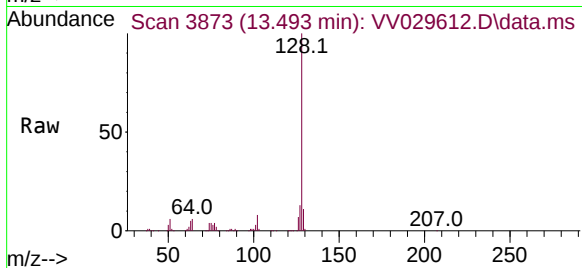
Tgt Ion:128 Resp: 346415

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

129 10.4 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 33.572 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.003 min

Lab File: VV029612.D

Acq: 12 Dec 2022 21:43

Tgt Ion:180 Resp: 151169

Ion Ratio Lower Upper

180 100

182 95.9 76.4 114.6

145 31.8 25.0 37.6

