

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121222\
 Data File : VW029613.D
 Acq On : 12 Dec 2022 22:06
 Operator : SY/MD
 Sample : N5950-07MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EYF51MSD

Quant Time: Dec 13 03:42:15 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	510706	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	464720	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	262247	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	160103	51.194	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	102.380%	
7) Chloroethane-d5	1.564	69	124748	52.312	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	104.620%	
11) 1,1-Dichloroethene-d2	2.108	63	258634	53.022	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	106.040%	
21) 2-Butanone-d5	3.870	46	184662	96.795	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	96.790%	
24) Chloroform-d	4.339	84	269721	45.831	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	91.660%	
26) 1,2-Dichloroethane-d4	5.024	65	155143	46.157	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	92.320%	
32) Benzene-d6	5.043	84	564724	45.989	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	91.980%	
36) 1,2-Dichloropropane-d6	6.063	67	168969	45.049	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	90.100%	
41) Toluene-d8	7.307	98	525998	45.462	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	90.920%	
43) trans-1,3-Dichloroprop...	7.612	79	74160	39.155	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	78.300%	
47) 2-Hexanone-d5	8.082	63	151680	94.700	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	94.700%	
56) 1,1,2,2-Tetrachloroeth...	10.204	84	241279	45.016	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	90.040%	
66) 1,2-Dichlorobenzene-d4	11.612	152	214093	42.886	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	85.780%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	180083	44.766	ug/L	100
3) Chloromethane	1.240	50	198910	43.368	ug/L	100
5) Vinyl chloride	1.310	62	189929	49.495	ug/L	98
6) Bromomethane	1.516	94	90470	58.592	ug/L	98
8) Chloroethane	1.580	64	111388	52.129	ug/L	98
9) Trichlorofluoromethane	1.751	101	236683	49.270	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	133091	49.860	ug/L	98
12) 1,1-Dichloroethene	2.117	96	137054	50.206	ug/L	98
13) Acetone	2.159	43	118157	95.072	ug/L	100
14) Carbon disulfide	2.291	76	398016	43.809	ug/L	100
15) Methyl Acetate	2.426	43	134218	47.401	ug/L	99
16) Methylene chloride	2.503	84	158901	46.815	ug/L	97
17) trans-1,2-Dichloroethene	2.754	96	147756	46.975	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	465463	48.300	ug/L	99
19) 1,1-Dichloroethane	3.185	63	263103	48.827	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	163203	47.185	ug/L	96
22) 2-Butanone	3.953	43	197936	100.092	ug/L	97
23) Bromochloromethane	4.239	128	84812	47.620	ug/L	96
25) Chloroform	4.365	83	270812	48.477	ug/L	98

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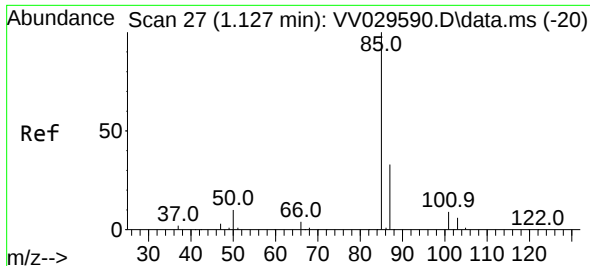
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	193381	49.004	ug/L	100
29) Cyclohexane	4.670	56	234224	46.527	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	238861	47.177	ug/L	99
31) Carbon tetrachloride	4.821	117	205206	46.412	ug/L	100
33) Benzene	5.091	78	623622	47.608	ug/L	100
34) Trichloroethene	5.908	95	157561	48.001	ug/L	100
35) Methylcyclohexane	6.124	83	261302	46.871	ug/L	99
37) 1,2-Dichloropropane	6.165	63	157192	49.719	ug/L	100
38) Bromodichloromethane	6.503	83	203417	46.607	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	211105	40.600	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	399465	105.971	ug/L	97
42) Toluene	7.381	91	674847	47.865	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	207855	42.212	ug/L	100
45) 1,1,2-Trichloroethane	7.831	97	155509	47.610	ug/L	98
46) Tetrachloroethene	7.966	164	126130	47.794	ug/L	98
48) 2-Hexanone	8.133	43	305094	105.937	ug/L	95
49) Dibromochloromethane	8.236	129	167090	46.334	ug/L	99
50) 1,2-Dibromoethane	8.342	107	156623	46.544	ug/L	97
51) Chlorobenzene	8.873	112	430260	48.193	ug/L	99
52) Ethylbenzene	9.005	91	711524	48.001	ug/L	100
53) m,p-Xylene	9.130	106	281358	47.958	ug/L	100
54) o-Xylene	9.535	106	276649	47.672	ug/L	99
55) Styrene	9.551	104	487337	48.323	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.230	83	254570	48.723	ug/L	100
59) Bromoform	9.722	173	125071	43.173	ug/L	100
60) Isopropylbenzene	9.921	105	723863	47.014	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	196835	48.626	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	628396	46.159	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	619482	45.906	ug/L	99
64) 1,3-Dichlorobenzene	11.168	146	349457	46.419	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	355908	46.518	ug/L	99
67) 1,2-Dichlorobenzene	11.631	146	357608	46.453	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	53323	42.383	ug/L	96
69) 1,3,5-Trichlorobenzene	12.631	180	271138	45.257	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	246725	46.311	ug/L	99
71) Naphthalene	13.490	128	653033	54.040	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	249635	47.840	ug/L	99

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

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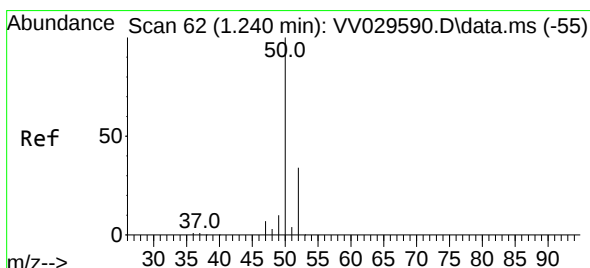
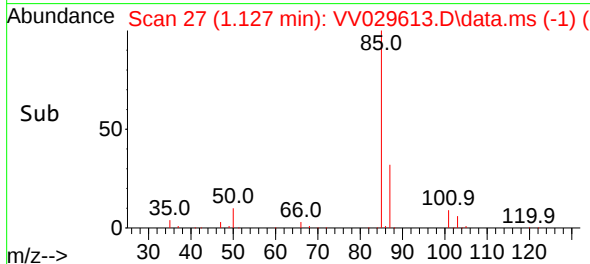
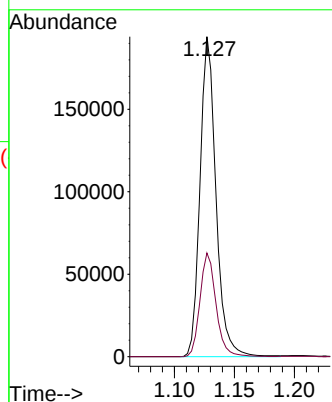
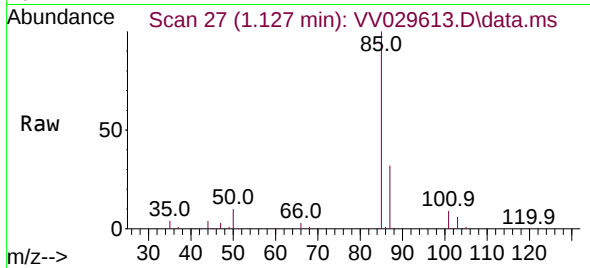




#2
 Dichlorodifluoromethane
 Concen: 44.766 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029613.D
 Acq: 12 Dec 2022 22:06

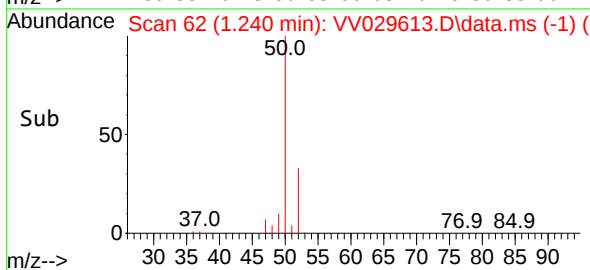
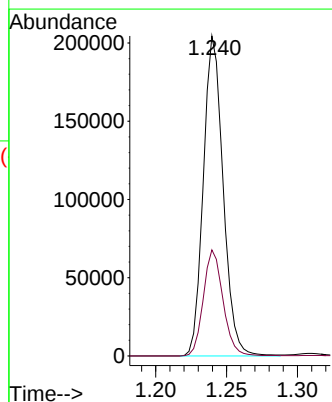
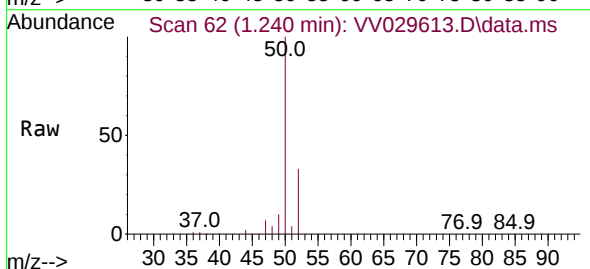
Instrument :
 MSVOA_V
 ClientSampleId :
 EYF51MSD

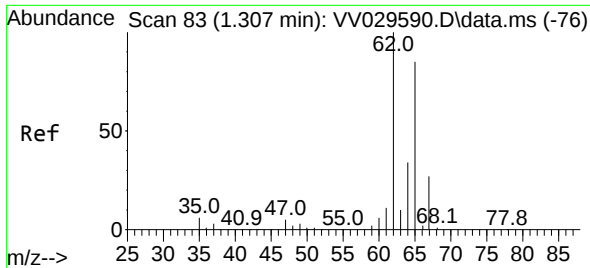
Tgt Ion: 85 Resp: 180083
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.9 38.9



#3
 Chloromethane
 Concen: 43.368 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029613.D
 Acq: 12 Dec 2022 22:06

Tgt Ion: 50 Resp: 198910
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.3 43.3

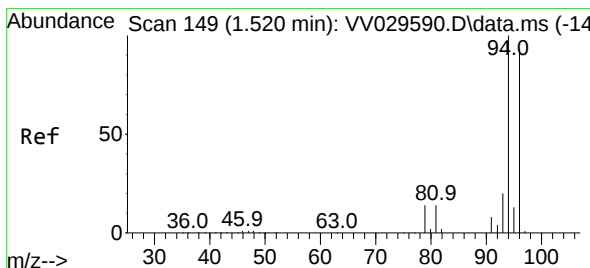
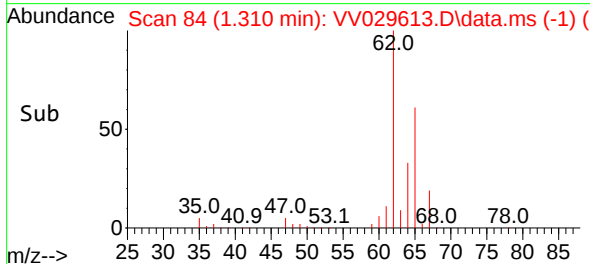
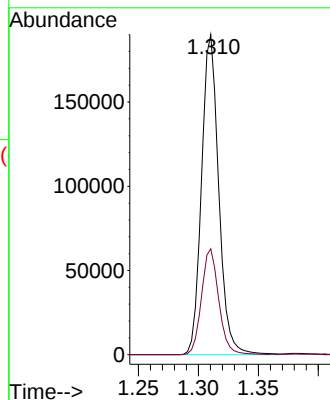
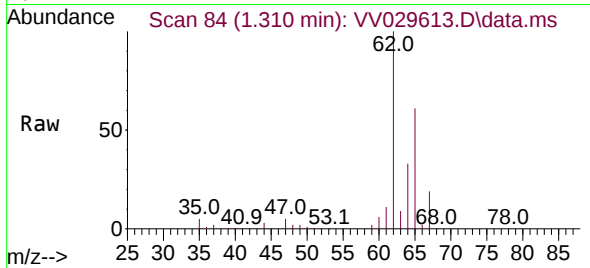




#5
 Vinyl chloride
 Concen: 49.495 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV029613.D
 Acq: 12 Dec 2022 22:06

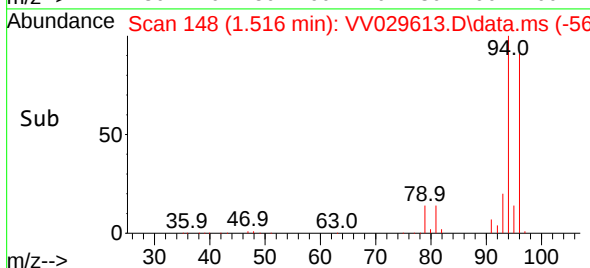
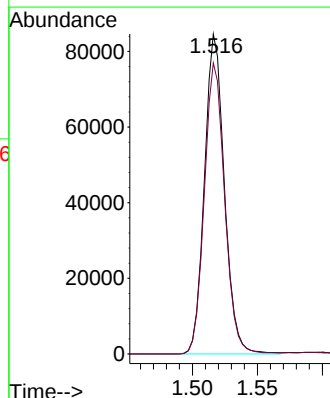
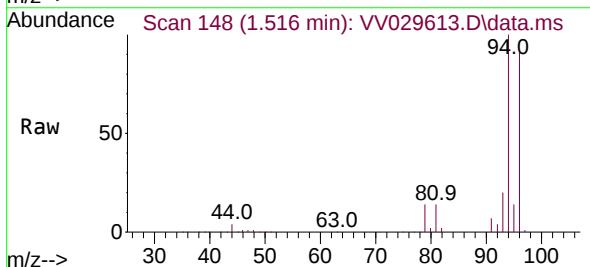
Instrument :
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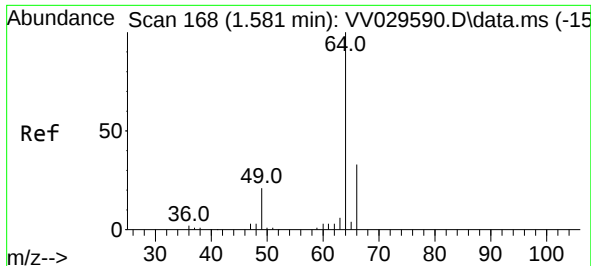
Tgt Ion: 62 Resp: 189929
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.5 41.9



#6
 Bromomethane
 Concen: 58.592 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.003 min
 Lab File: VV029613.D
 Acq: 12 Dec 2022 22:06

Tgt Ion: 94 Resp: 90470
 Ion Ratio Lower Upper
 94 100
 96 90.9 65.1 120.9

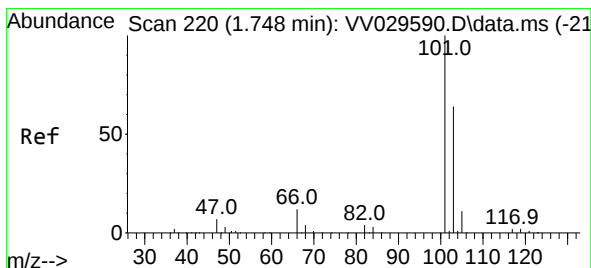
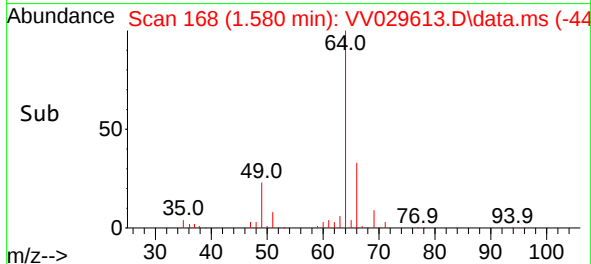
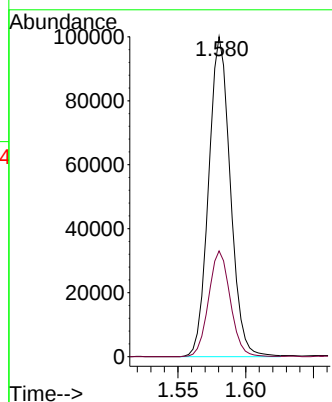
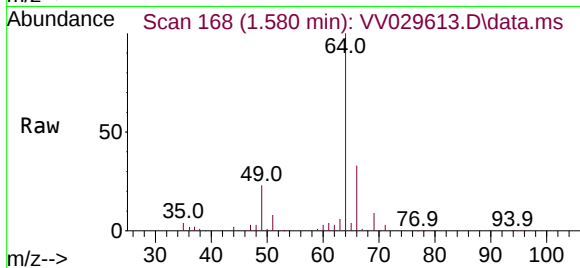




#8
Chloroethane
Concen: 52.129 ug/L
RT: 1.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

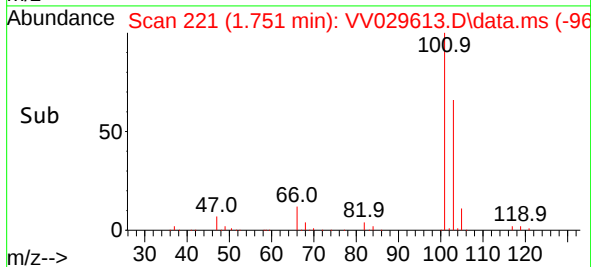
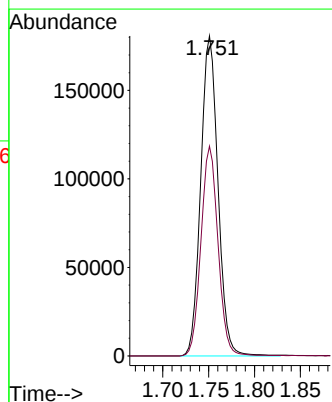
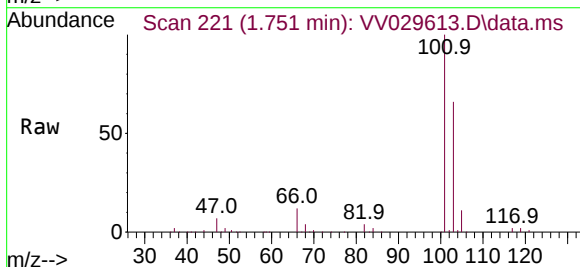
Instrument :
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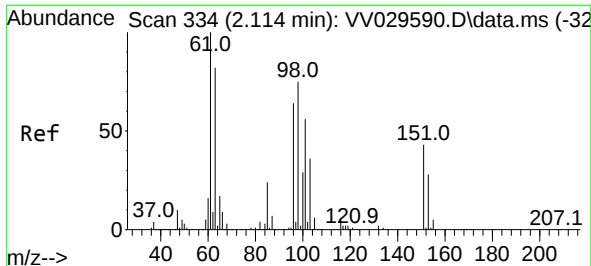
Tgt Ion: 64 Resp: 111388
Ion Ratio Lower Upper
64 100
66 33.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 49.270 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

Tgt Ion:101 Resp: 236683
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8

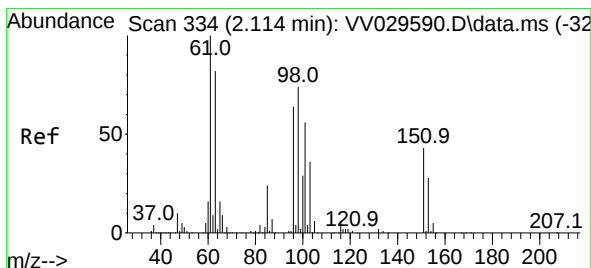
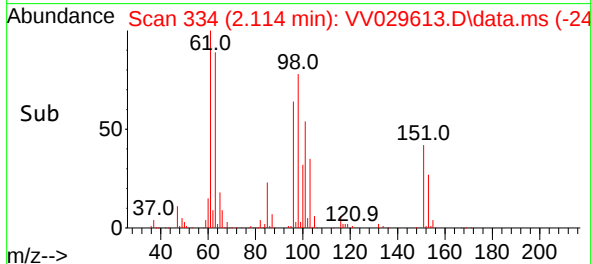
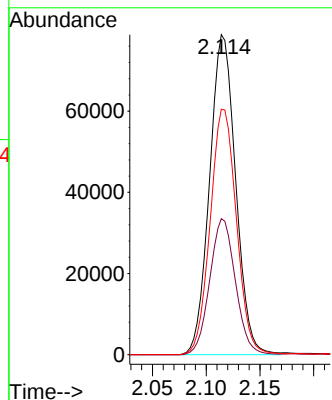
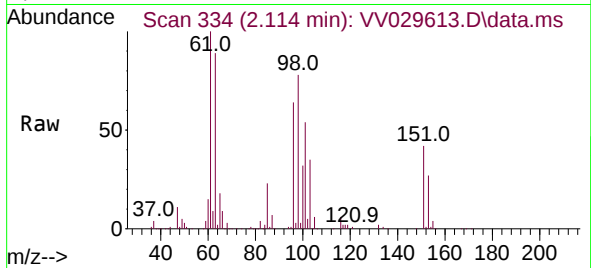




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.860 ug/L
 RT: 2.114 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV029613.D
 Acq: 12 Dec 2022 22:06

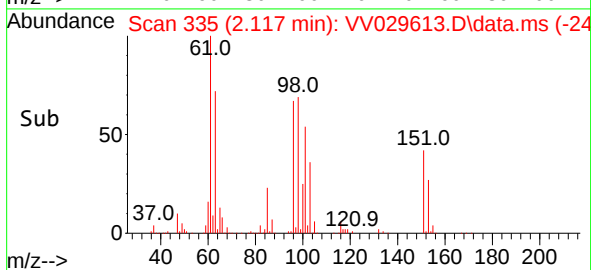
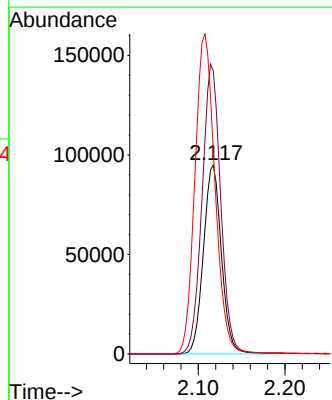
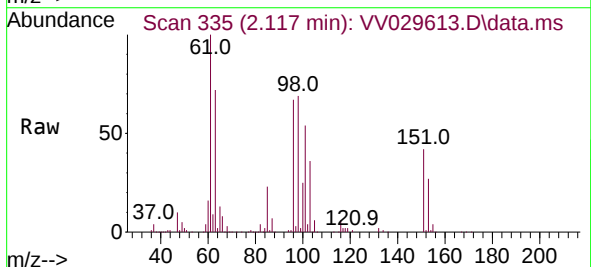
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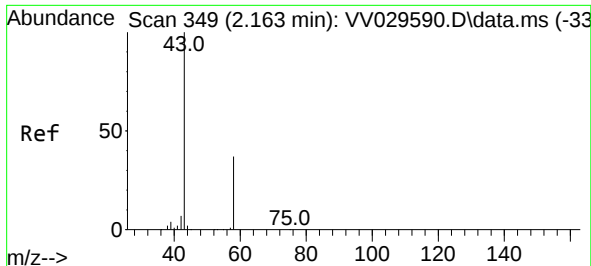
Tgt Ion:101 Resp: 133091
 Ion Ratio Lower Upper
 101 100
 85 41.7 33.6 50.4
 151 77.1 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 50.206 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV029613.D
 Acq: 12 Dec 2022 22:06

Tgt Ion: 96 Resp: 137054
 Ion Ratio Lower Upper
 96 100
 61 149.9 103.3 191.9
 63 107.2 77.3 143.7





#13

Acetone

Concen: 95.072 ug/L

RT: 2.159 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV029613.D

Acq: 12 Dec 2022 22:06

Instrument :

MSVOA_V

ClientSampleId :

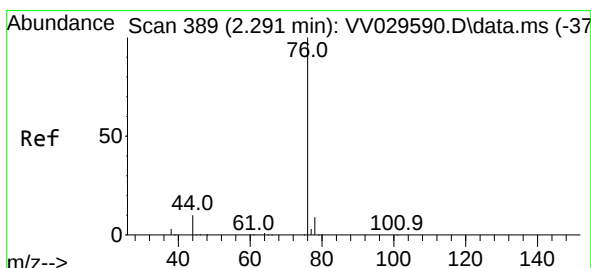
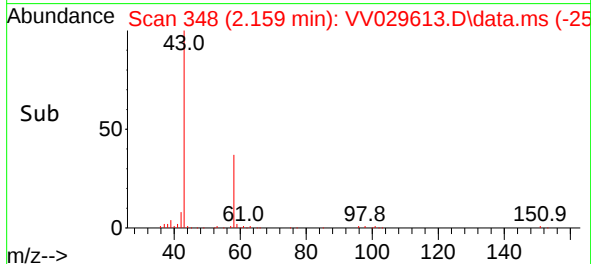
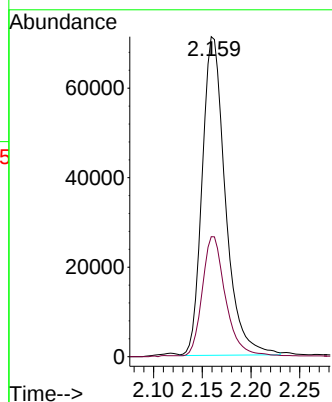
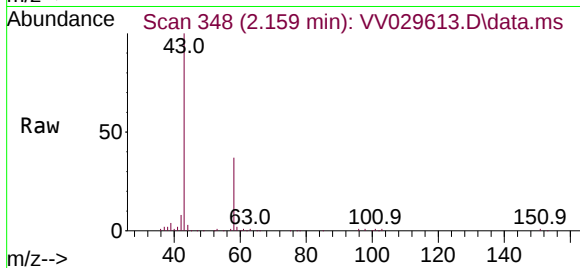
EYF51MSD

Tgt Ion: 43 Resp: 118157

Ion Ratio Lower Upper

43 100

58 37.5 0.0 74.8



#14

Carbon disulfide

Concen: 43.809 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV029613.D

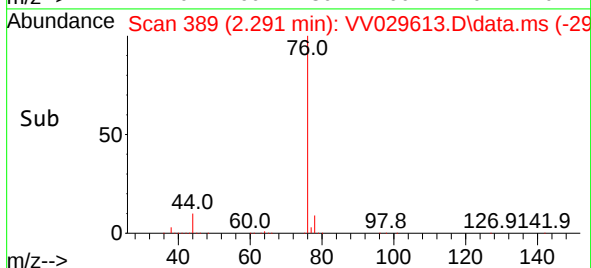
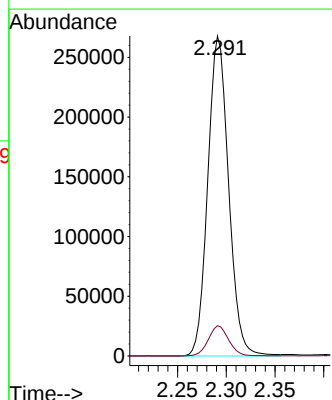
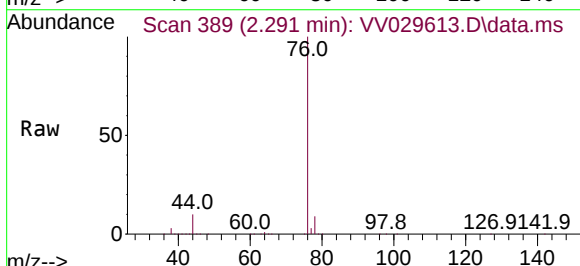
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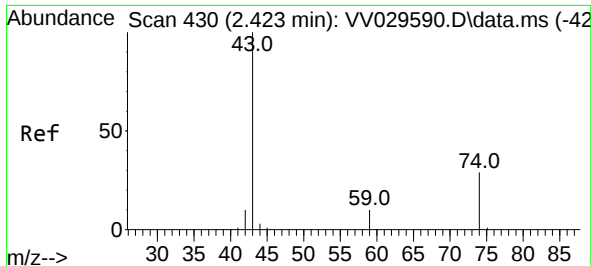
Tgt Ion: 76 Resp: 398016

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

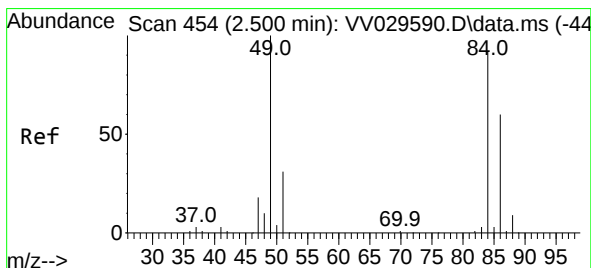
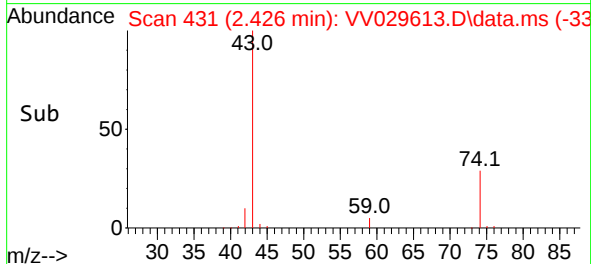
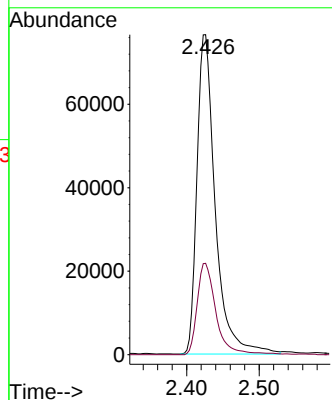
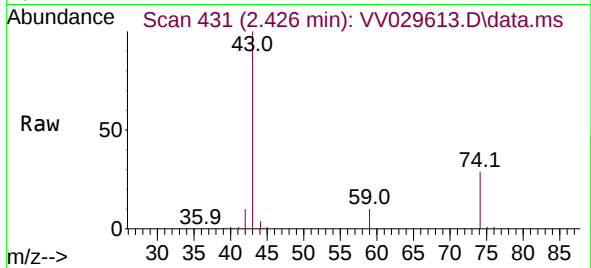




#15
Methyl Acetate
Concen: 47.401 ug/L
RT: 2.426 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

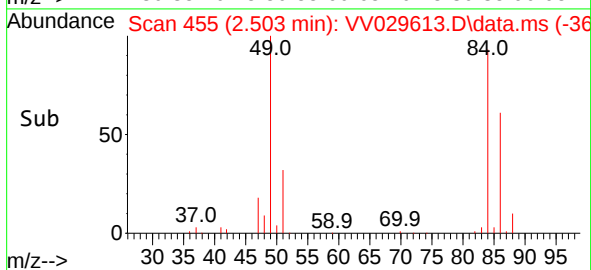
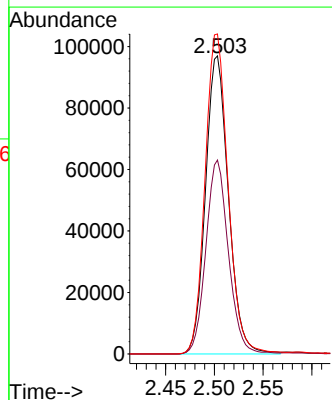
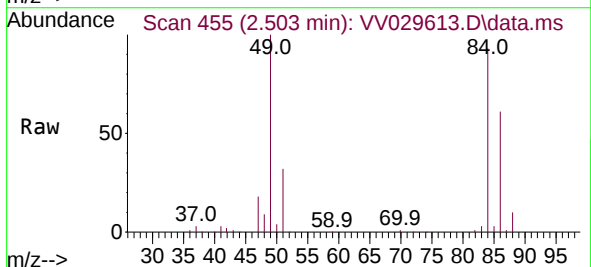
Instrument :
MSVOA_V
ClientSampleId :
EYF51MSD

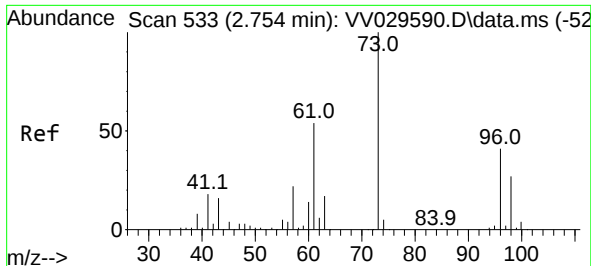
Tgt Ion: 43 Resp: 134218
Ion Ratio Lower Upper
43 100
74 28.8 23.5 35.3



#16
Methylene chloride
Concen: 46.815 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

Tgt Ion: 84 Resp: 158901
Ion Ratio Lower Upper
84 100
86 65.1 46.0 85.4
49 107.4 72.2 134.0

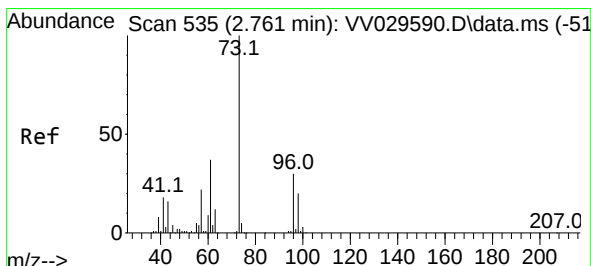
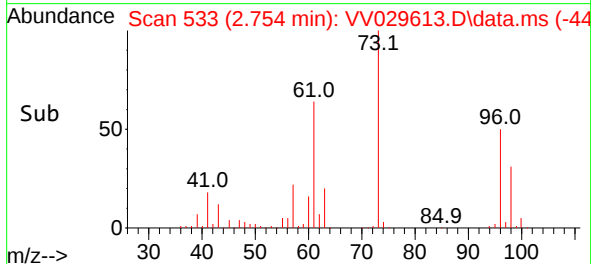
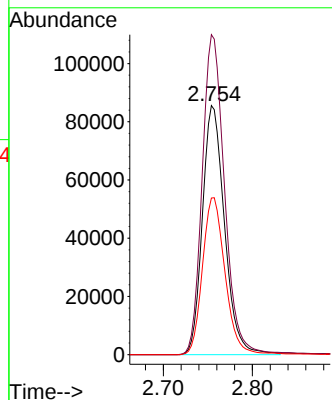
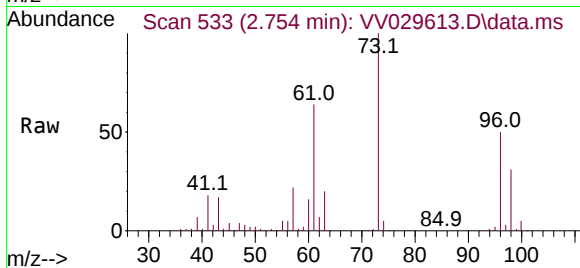




#17
trans-1,2-Dichloroethene
Concen: 46.975 ug/L
RT: 2.754 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

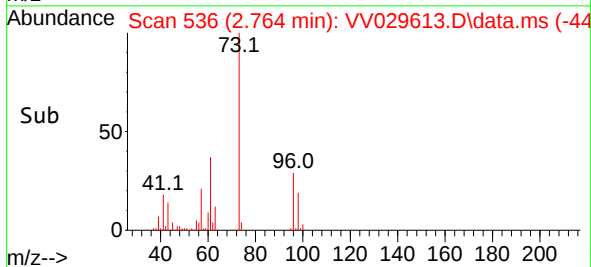
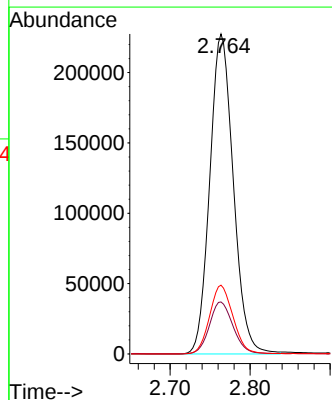
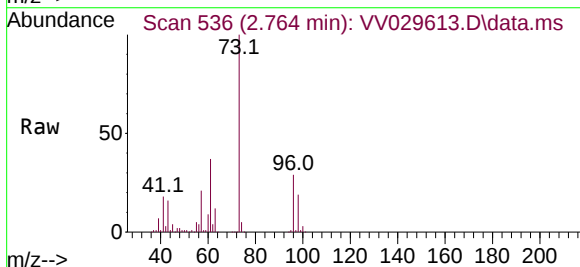
Instrument :
MSVOA_V
ClientSampleId :
EYF51MSD

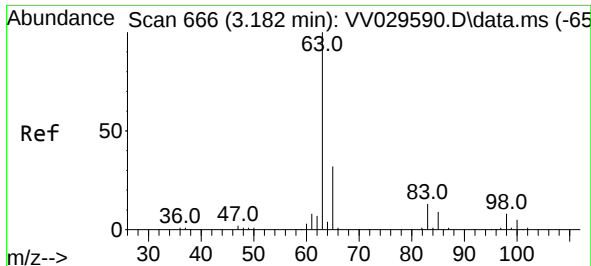
Tgt Ion: 96 Resp: 147756
Ion Ratio Lower Upper
96 100
61 128.4 86.4 160.4
98 62.9 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 48.300 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

Tgt Ion: 73 Resp: 465463
Ion Ratio Lower Upper
73 100
43 16.2 12.7 19.1
57 21.4 16.7 25.1





#19

1,1-Dichloroethane

Concen: 48.827 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029613.D

Acq: 12 Dec 2022 22:06

Instrument :

MSVOA_V

ClientSampleId :

EYF51MSD

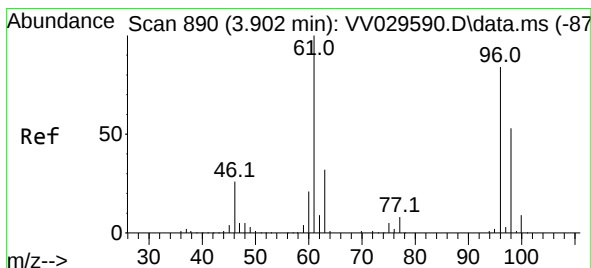
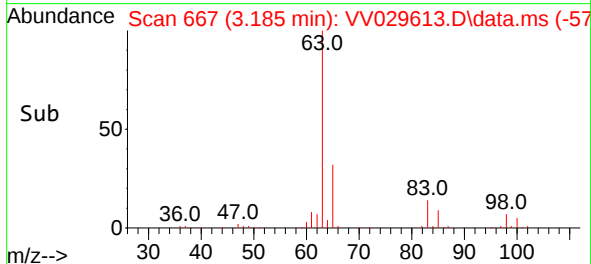
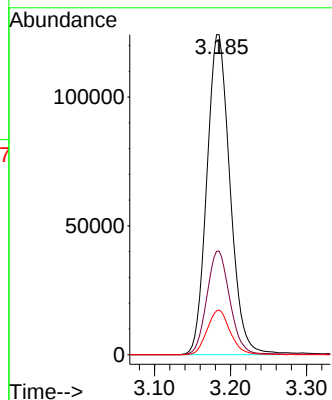
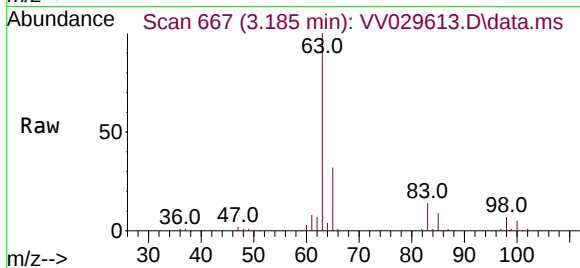
Tgt Ion: 63 Resp: 263103

Ion Ratio Lower Upper

63 100

65 32.4 22.5 41.7

83 14.0 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 47.185 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.000 min

Lab File: VV029613.D

Acq: 12 Dec 2022 22:06

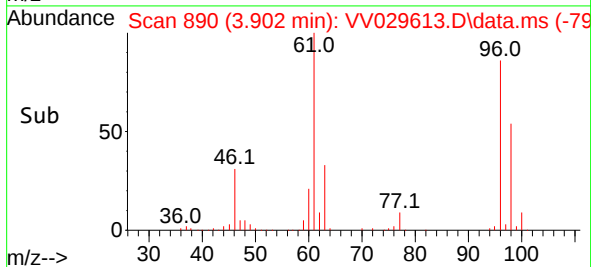
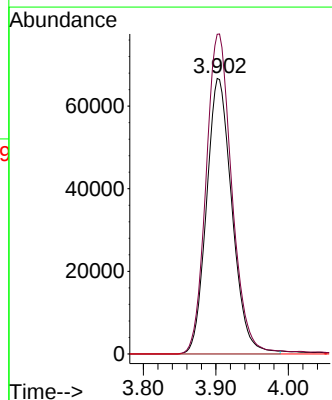
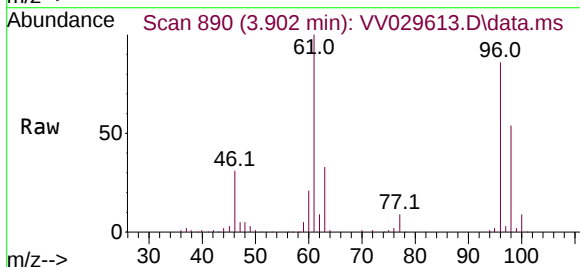
Tgt Ion: 96 Resp: 163203

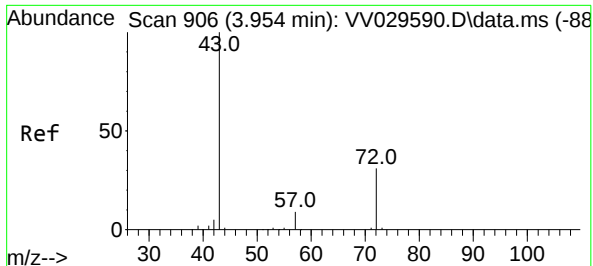
Ion Ratio Lower Upper

96 100

61 116.0 78.0 144.9

68 0.0 0.0 0.0

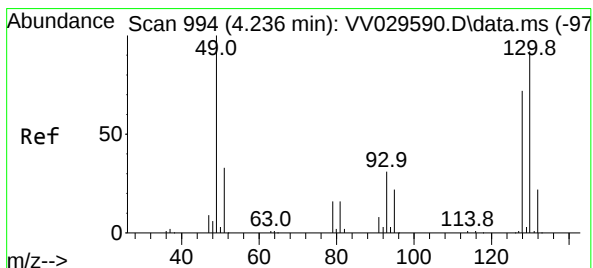
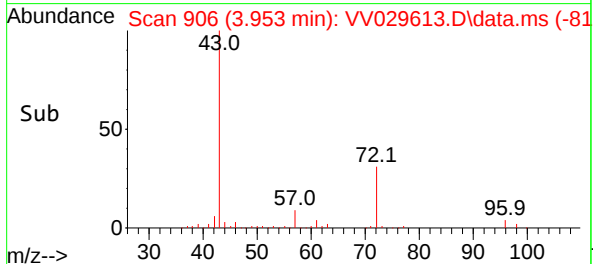
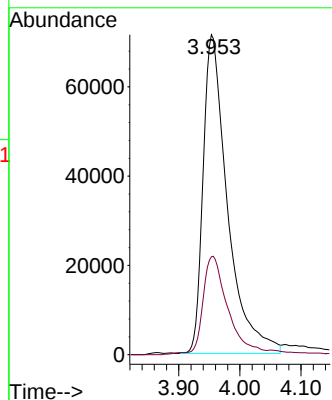
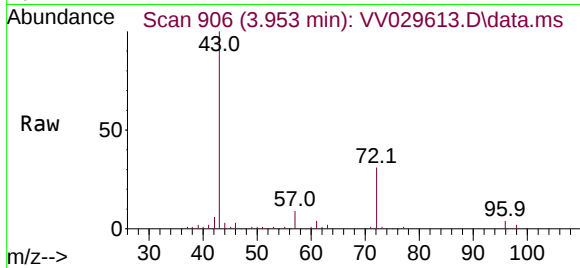




#22
2-Butanone
Concen: 100.092 ug/L
RT: 3.953 min Scan# 906
Delta R.T. -0.000 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

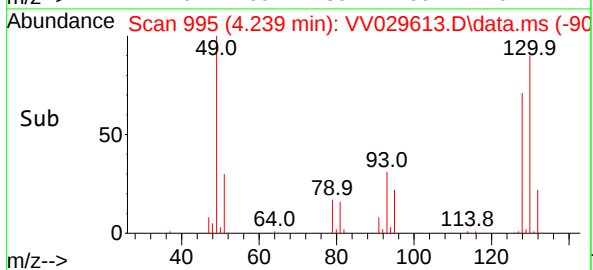
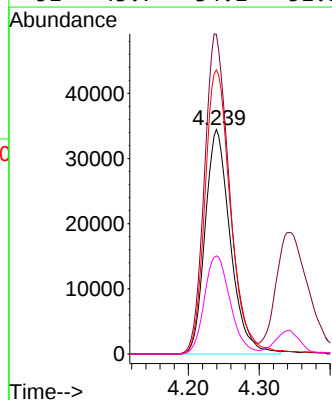
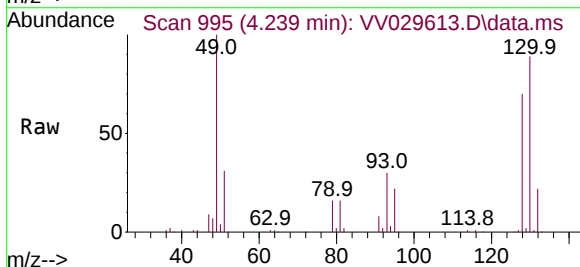
Instrument :
MSVOA_V
ClientSampleId :
EYF51MSD

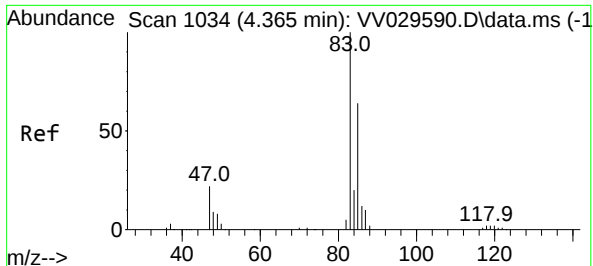
Tgt Ion: 43 Resp: 197936
Ion Ratio Lower Upper
43 100
72 29.8 15.9 47.6



#23
Bromochloromethane
Concen: 47.620 ug/L
RT: 4.239 min Scan# 995
Delta R.T. 0.003 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

Tgt Ion:128 Resp: 84812
Ion Ratio Lower Upper
128 100
49 142.4 92.2 171.2
130 126.6 88.3 164.1
51 43.7 34.1 51.1

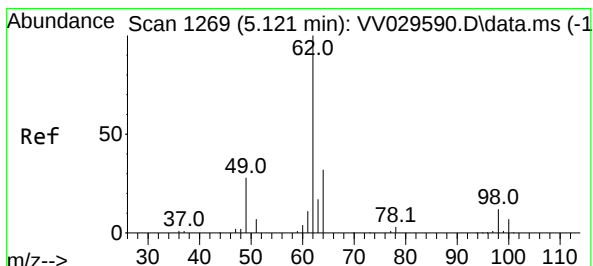
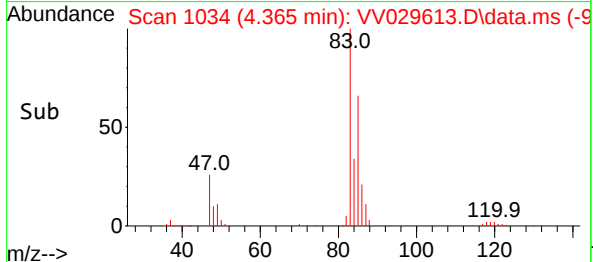
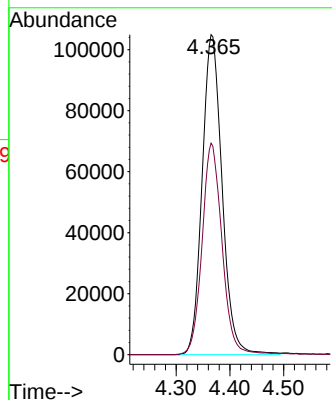
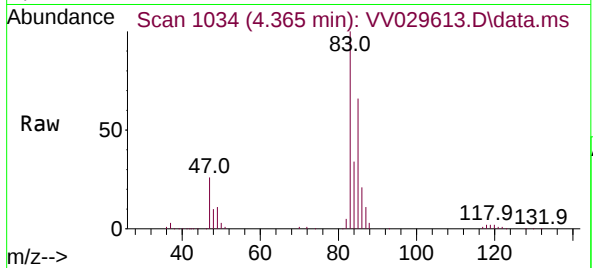




#25
Chloroform
Concen: 48.477 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

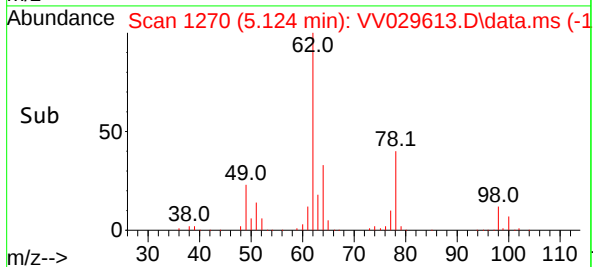
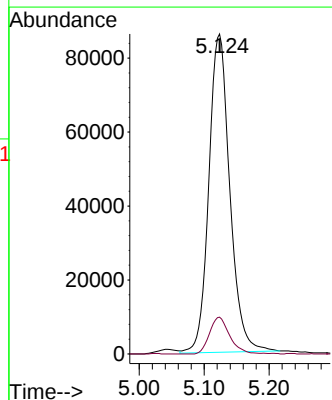
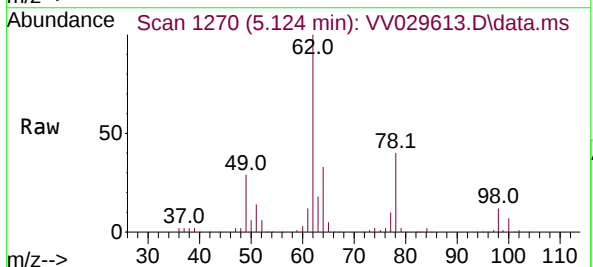
Instrument :
MSVOA_V
ClientSampleId :
EYF51MSD

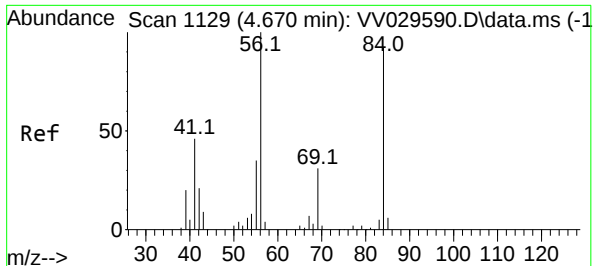
Tgt Ion: 83 Resp: 270812
Ion Ratio Lower Upper
83 100
85 66.1 45.1 83.9



#27
1,2-Dichloroethane
Concen: 49.004 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. 0.003 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

Tgt Ion: 62 Resp: 193381
Ion Ratio Lower Upper
62 100
98 11.5 9.4 14.0





#29

Cyclohexane

Concen: 46.527 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VV029613.D

Acq: 12 Dec 2022 22:06

Instrument :

MSVOA_V

ClientSampleId :

EYF51MSD

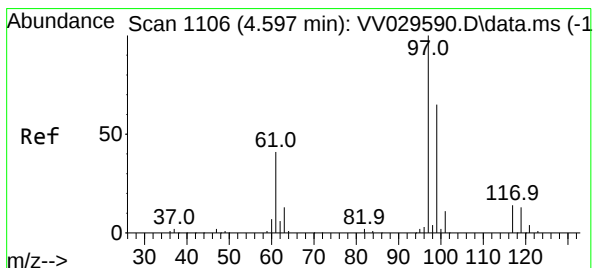
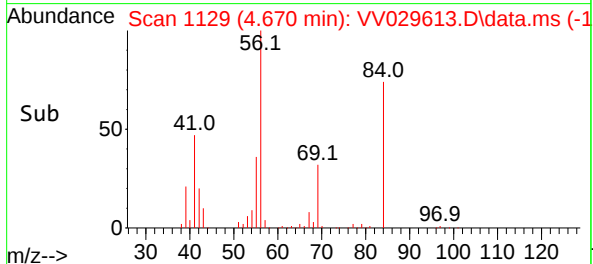
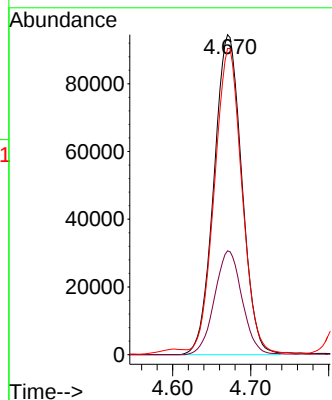
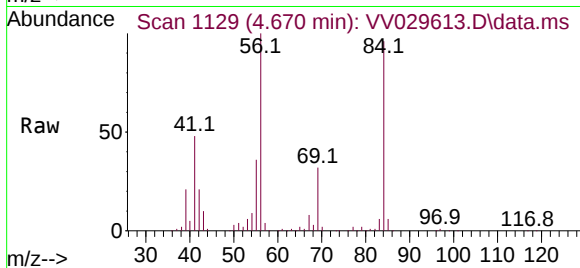
Tgt Ion: 56 Resp: 234224

Ion Ratio Lower Upper

56 100

69 32.2 25.8 38.8

84 93.6 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 47.177 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV029613.D

Acq: 12 Dec 2022 22:06

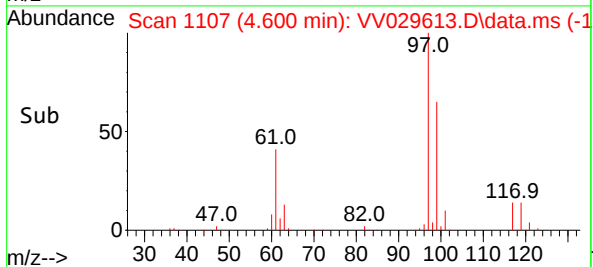
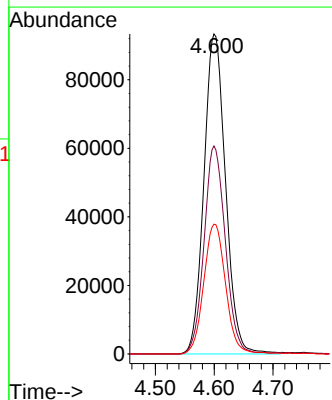
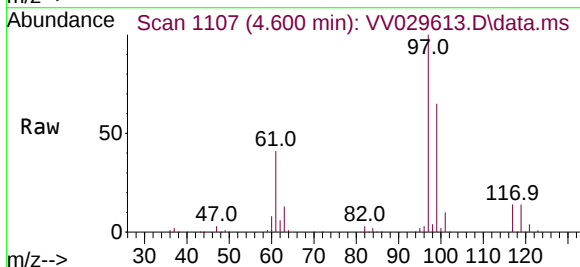
Tgt Ion: 97 Resp: 238861

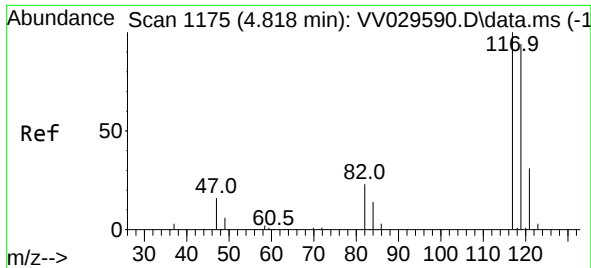
Ion Ratio Lower Upper

97 100

99 64.1 52.1 78.1

61 40.8 31.8 47.8

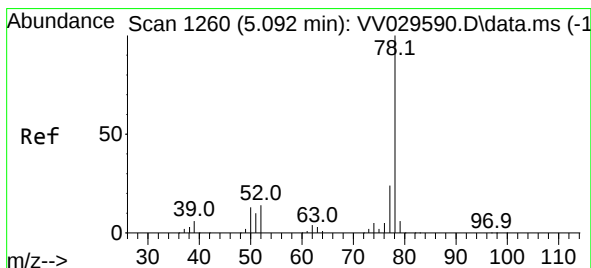
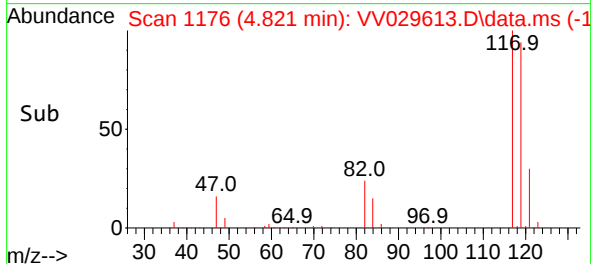
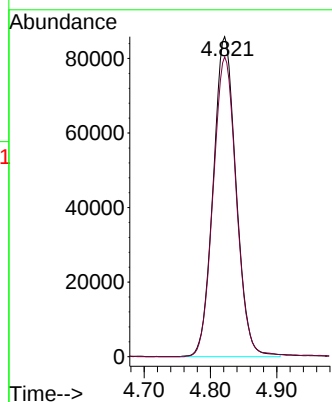
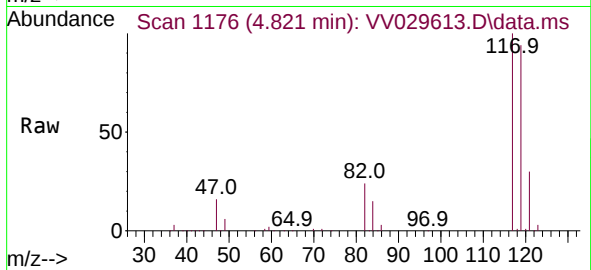




#31
Carbon tetrachloride
Concen: 46.412 ug/L
RT: 4.821 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

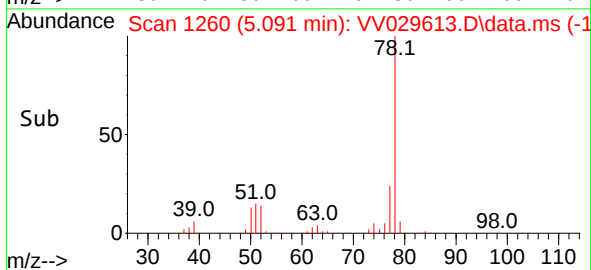
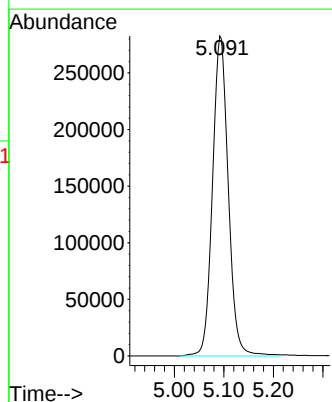
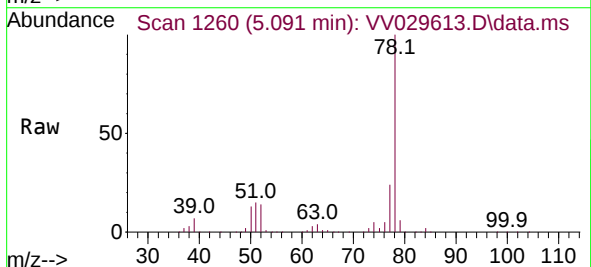
Instrument :
MSVOA_V
ClientSampleId :
EYF51MSD

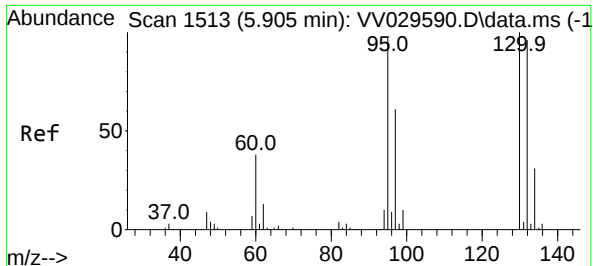
Tgt Ion:117 Resp: 205206
Ion Ratio Lower Upper
117 100
119 95.5 76.7 115.1



#33
Benzene
Concen: 47.608 ug/L
RT: 5.091 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

Tgt Ion: 78 Resp: 623622

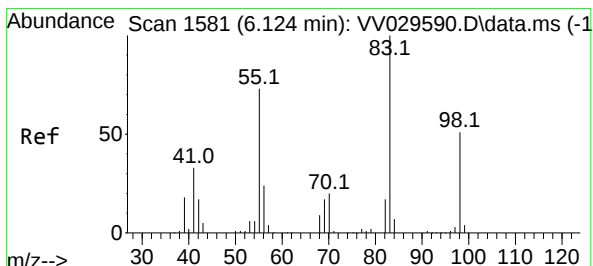
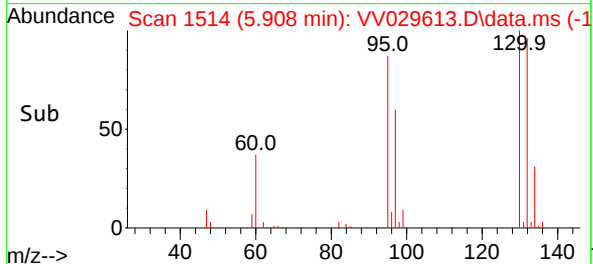
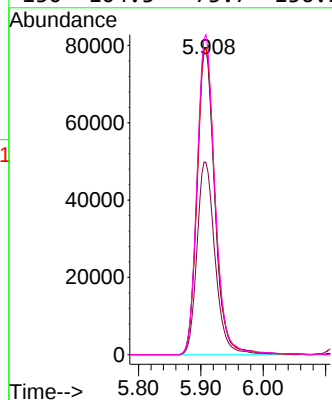
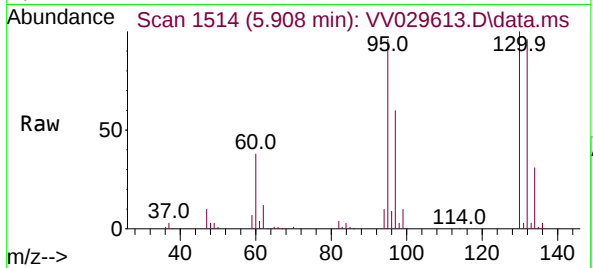




#34
Trichloroethene
Concen: 48.001 ug/L
RT: 5.908 min Scan# 1513
Delta R.T. 0.003 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

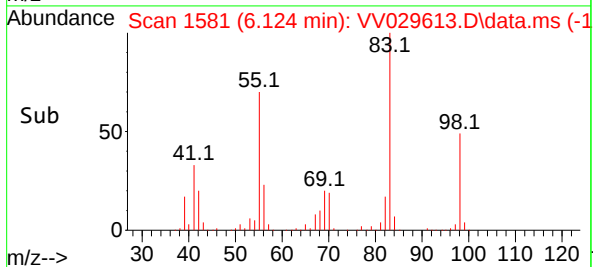
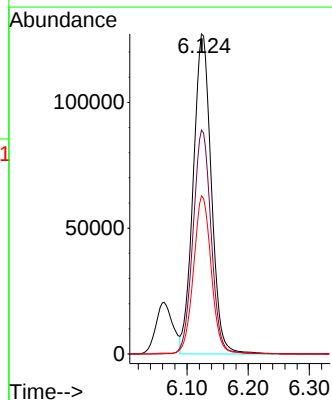
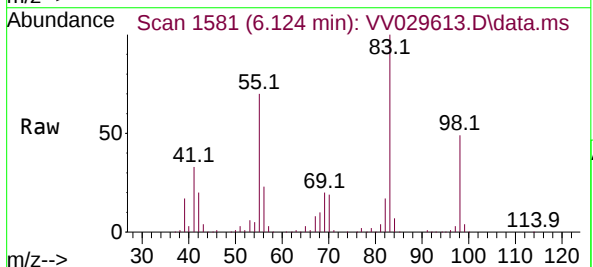
Instrument :
MSVOA_V
ClientSampleId :
EYF51MSD

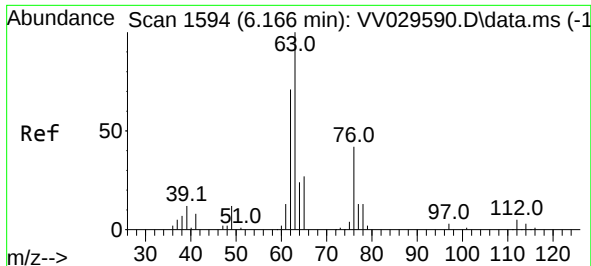
Tgt Ion: 95 Resp: 157561
Ion Ratio Lower Upper
95 100
97 62.6 44.0 81.8
132 99.9 69.9 129.9
130 104.3 73.7 136.9



#35
Methylcyclohexane
Concen: 46.871 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

Tgt Ion: 83 Resp: 261302
Ion Ratio Lower Upper
83 100
55 70.0 55.5 83.3
98 48.2 39.8 59.8





#37

1,2-Dichloropropane

Concen: 49.719 ug/L

RT: 6.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV029613.D

Acq: 12 Dec 2022 22:06

Instrument :

MSVOA_V

ClientSampleId :

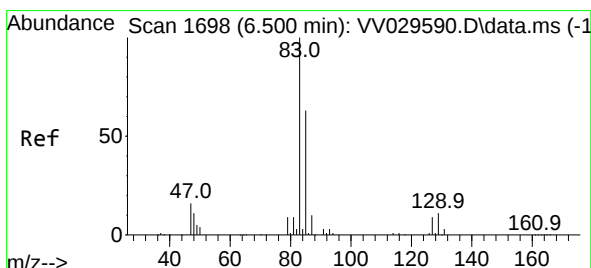
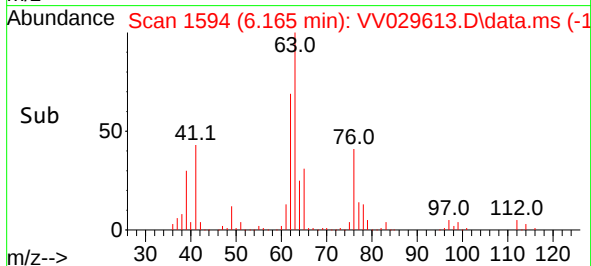
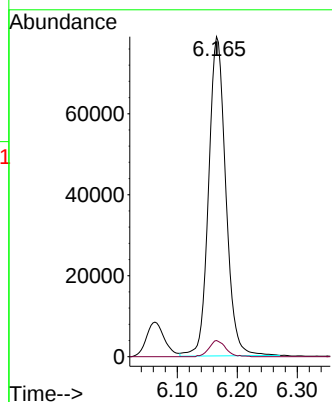
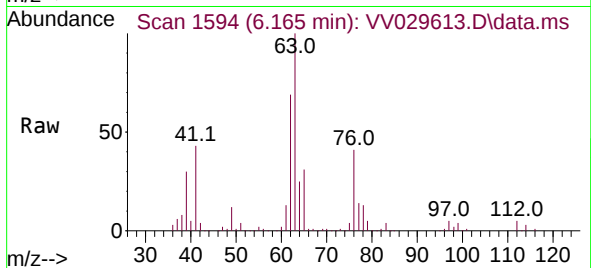
EYF51MSD

Tgt Ion: 63 Resp: 157192

Ion Ratio Lower Upper

63 100

112 4.8 3.9 5.9



#38

Bromodichloromethane

Concen: 46.607 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VV029613.D

Acq: 12 Dec 2022 22:06

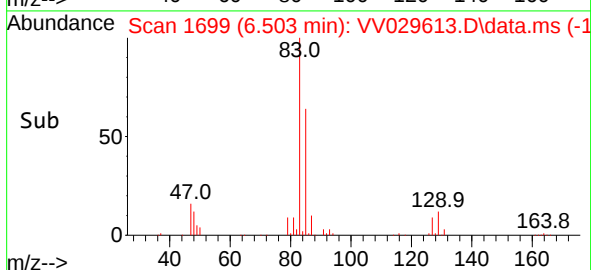
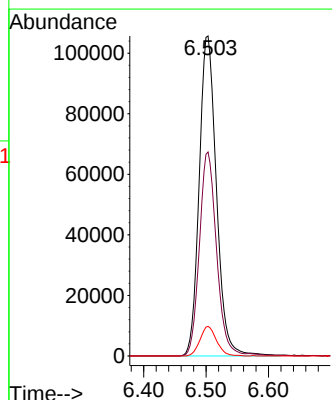
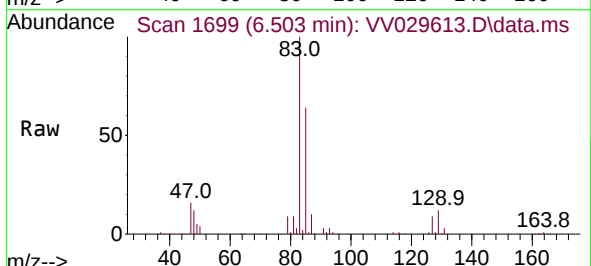
Tgt Ion: 83 Resp: 203417

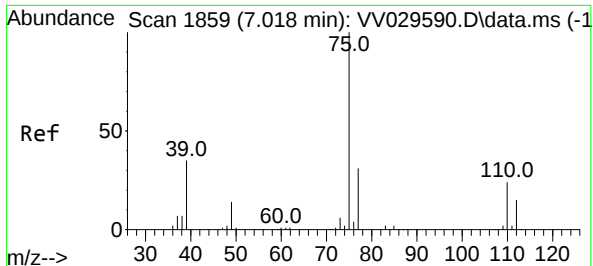
Ion Ratio Lower Upper

83 100

85 63.7 45.3 84.1

127 9.2 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 40.600 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. 0.003 min

Lab File: VV029613.D

Acq: 12 Dec 2022 22:06

Instrument :

MSVOA_V

ClientSampleId :

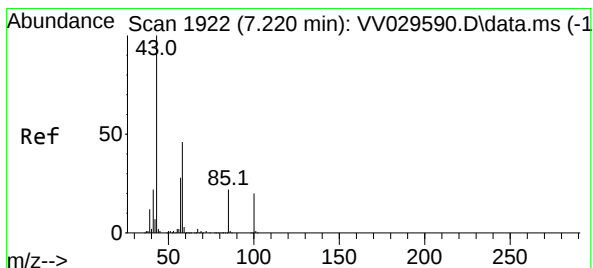
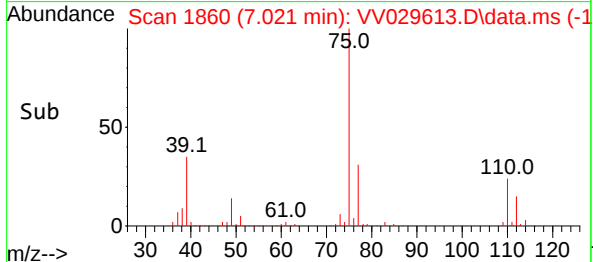
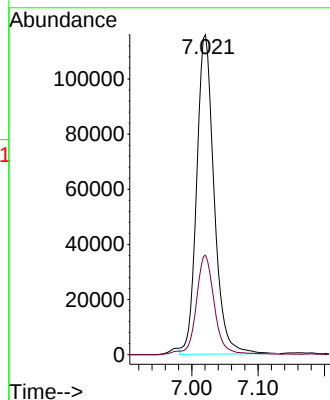
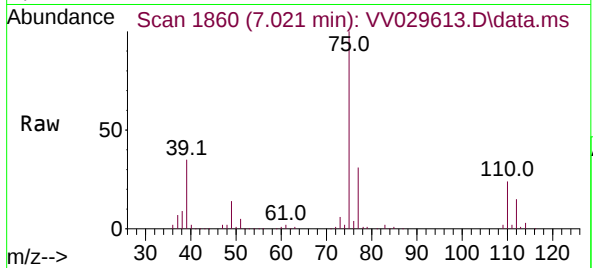
EYF51MSD

Tgt Ion: 75 Resp: 211105

Ion Ratio Lower Upper

75 100

77 31.1 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 105.971 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.000 min

Lab File: VV029613.D

Acq: 12 Dec 2022 22:06

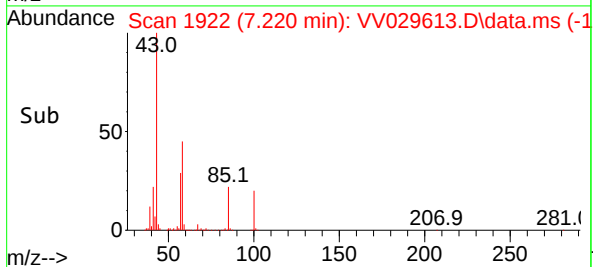
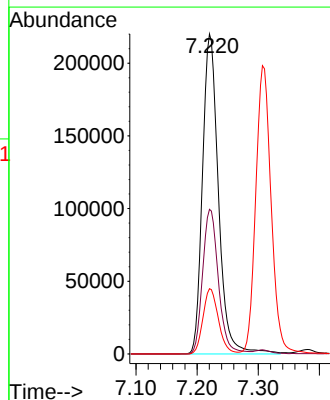
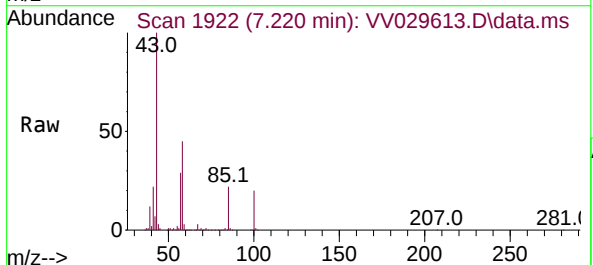
Tgt Ion: 43 Resp: 399465

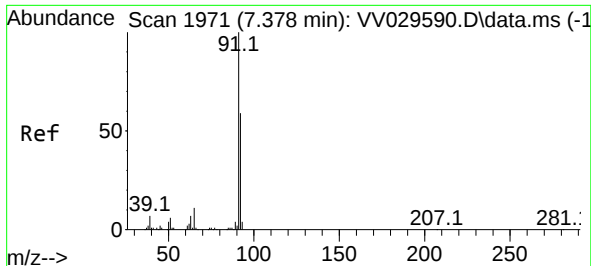
Ion Ratio Lower Upper

43 100

58 44.8 37.5 56.3

100 19.7 16.7 25.1





#42

Toluene

Concen: 47.865 ug/L

RT: 7.381 min Scan# 1971

Delta R.T. 0.003 min

Lab File: VV029613.D

Acq: 12 Dec 2022 22:06

Instrument :

MSVOA_V

ClientSampleId :

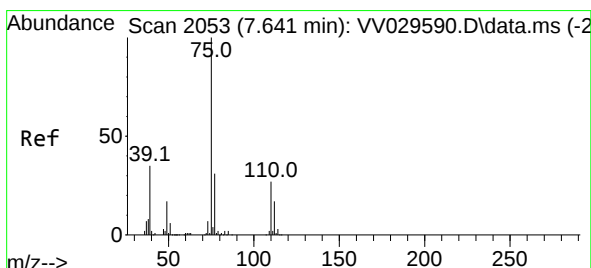
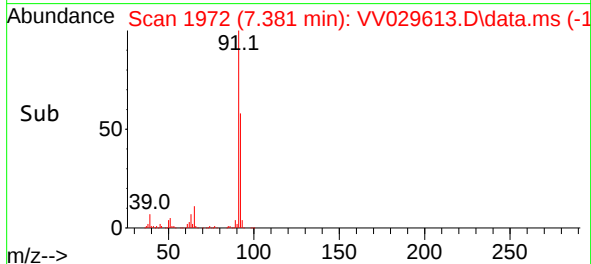
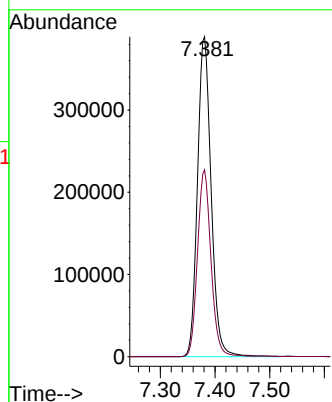
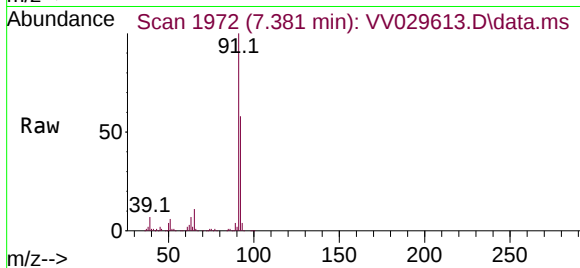
EYF51MSD

Tgt Ion: 91 Resp: 674847

Ion Ratio Lower Upper

91 100

92 58.4 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 42.212 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VV029613.D

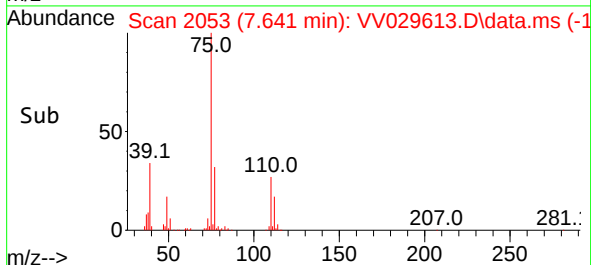
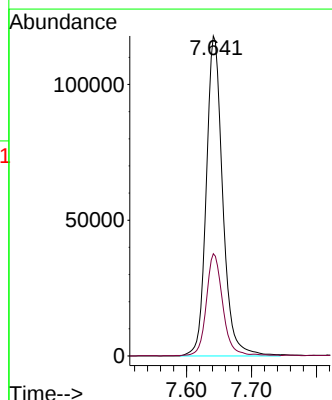
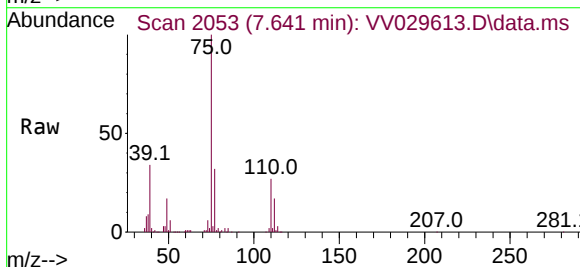
Acq: 12 Dec 2022 22:06

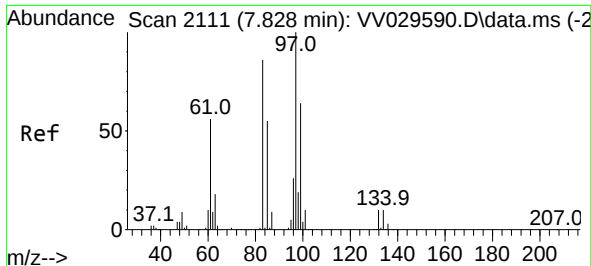
Tgt Ion: 75 Resp: 207855

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.5



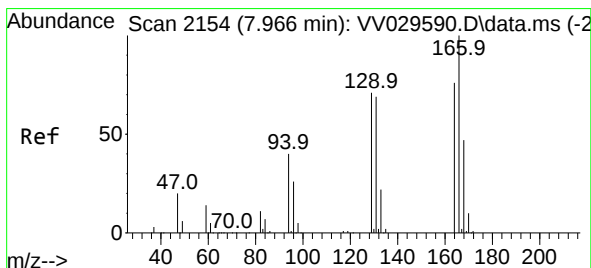
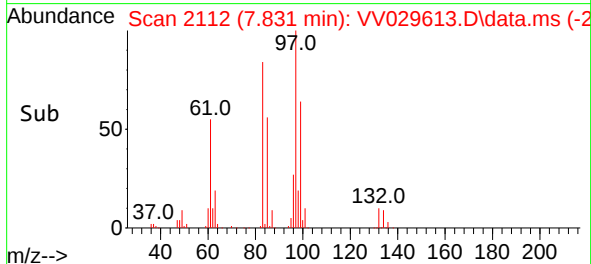
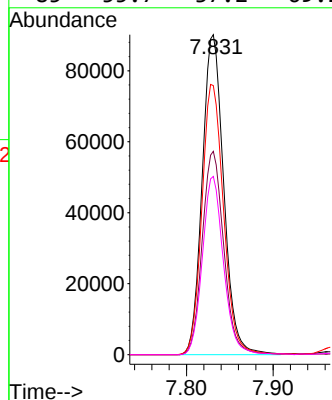
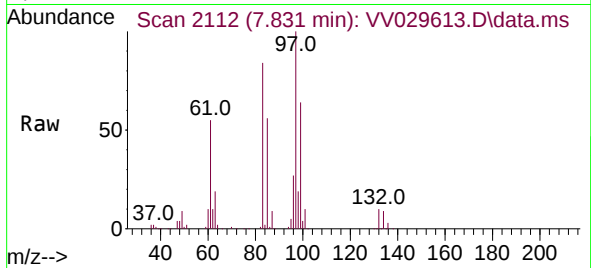


#45
1,1,2-Trichloroethane
Concen: 47.610 ug/L
RT: 7.831 min Scan# 2111
Delta R.T. 0.003 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

Instrument :
MSVOA_V
ClientSampleId :
EYF51MSD

Tgt Ion: 97 Resp: 155509

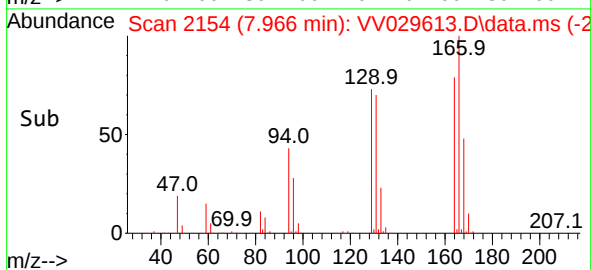
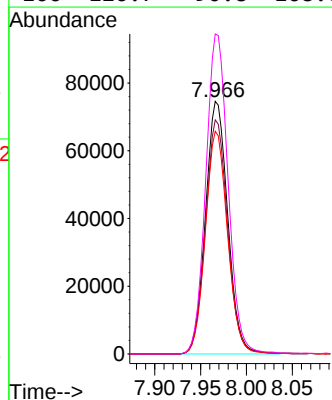
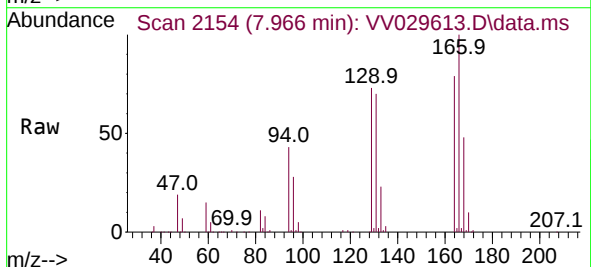
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.8	81.3
83	84.1	58.6	108.8
85	55.7	37.2	69.2

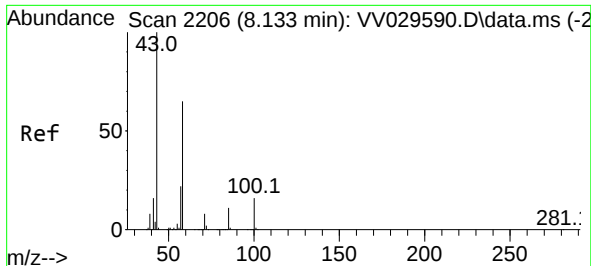


#46
Tetrachloroethene
Concen: 47.794 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

Tgt Ion: 164 Resp: 126130

Ion	Ratio	Lower	Upper
164	100		
129	92.7	65.3	121.3
131	88.1	63.1	117.1
166	126.7	90.8	168.6

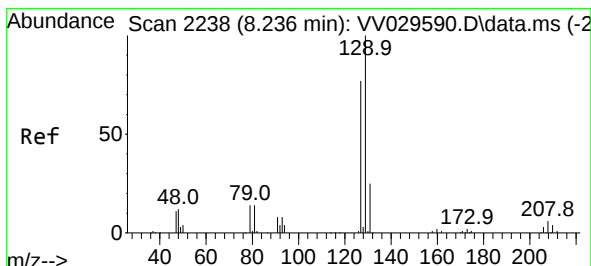
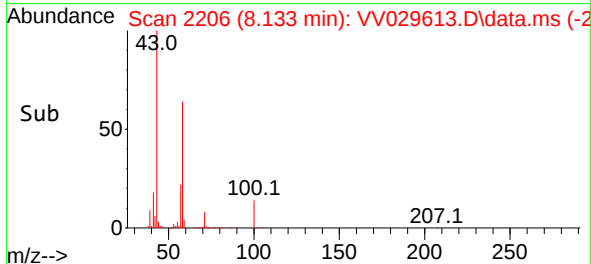
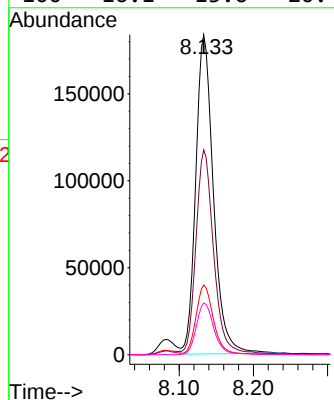
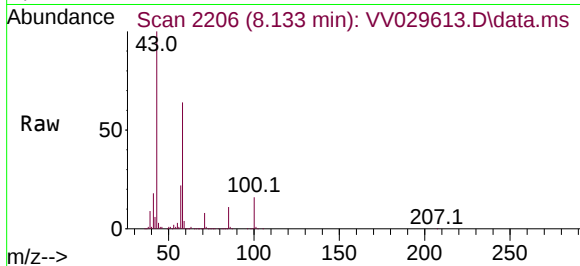




#48
2-Hexanone
Concen: 105.937 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

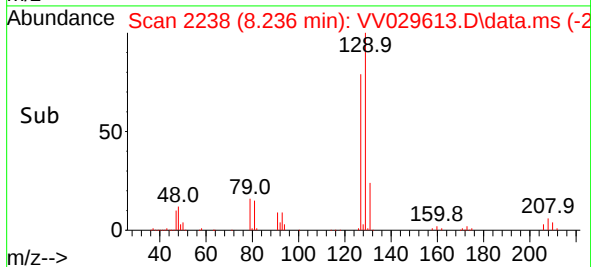
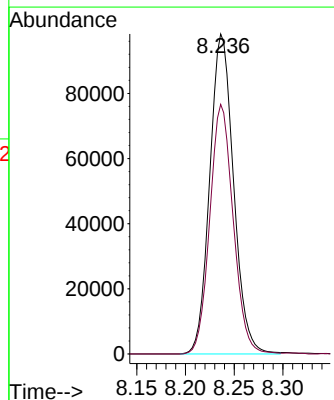
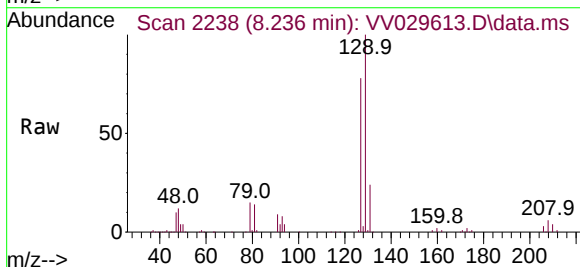
Instrument :
MSVOA_V
ClientSampleId :
EYF51MSD

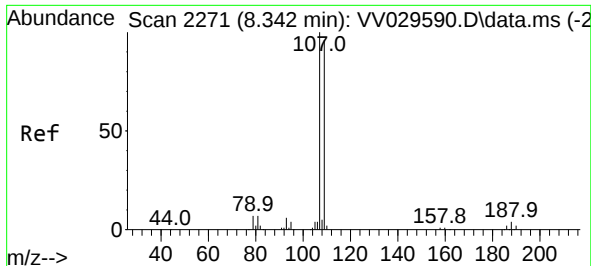
Tgt Ion: 43 Resp: 305094
Ion Ratio Lower Upper
43 100
58 61.8 54.1 81.1
57 21.2 17.4 26.0
100 16.1 13.6 20.4



#49
Dibromochloromethane
Concen: 46.334 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

Tgt Ion: 129 Resp: 167090
Ion Ratio Lower Upper
129 100
127 78.0 55.2 102.4





#50

1,2-Dibromoethane

Concen: 46.544 ug/L

RT: 8.342 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029613.D

Acq: 12 Dec 2022 22:06

Instrument :

MSVOA_V

ClientSampleId :

EYF51MSD

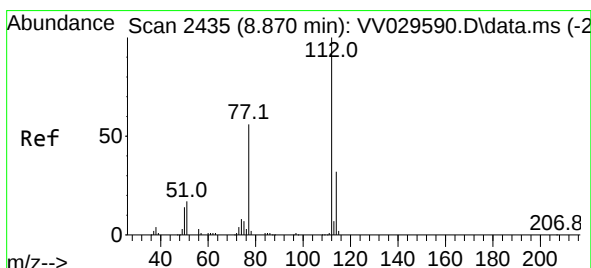
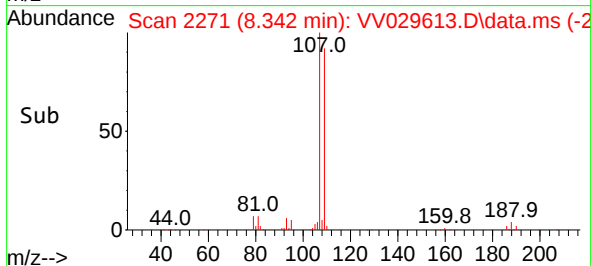
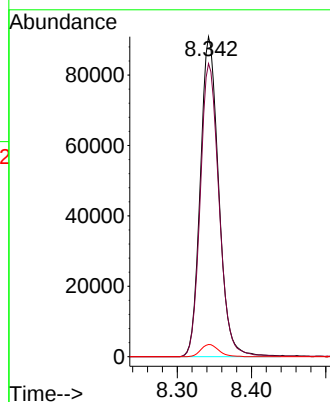
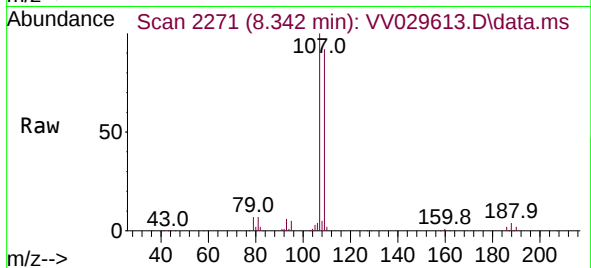
Tgt Ion:107 Resp: 156623

Ion Ratio Lower Upper

107 100

109 91.6 66.0 122.6

188 3.8 3.2 4.8



#51

Chlorobenzene

Concen: 48.193 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.003 min

Lab File: VV029613.D

Acq: 12 Dec 2022 22:06

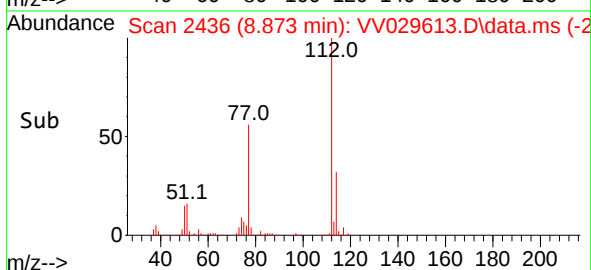
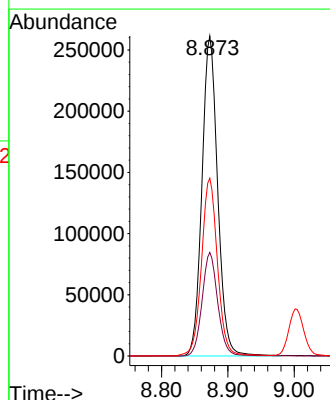
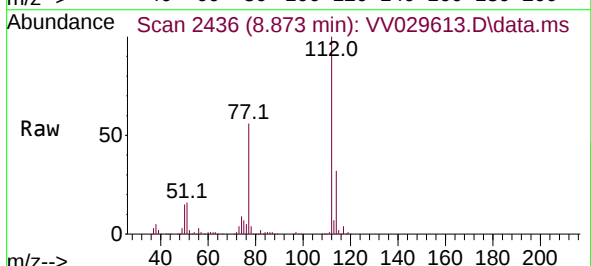
Tgt Ion:112 Resp: 430260

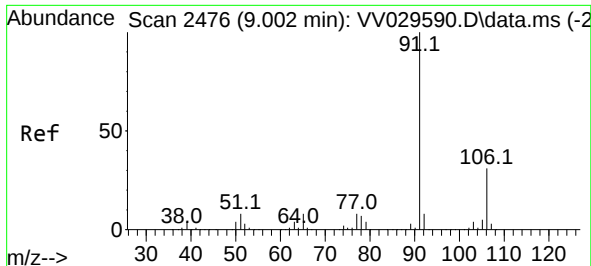
Ion Ratio Lower Upper

112 100

114 32.3 22.3 41.3

77 55.6 45.0 67.4

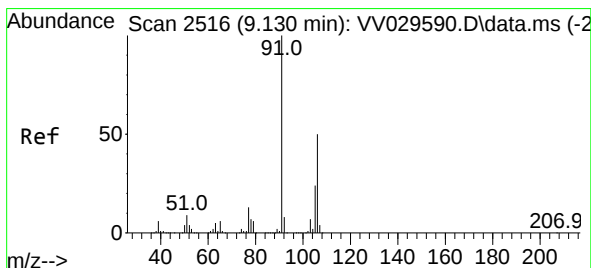
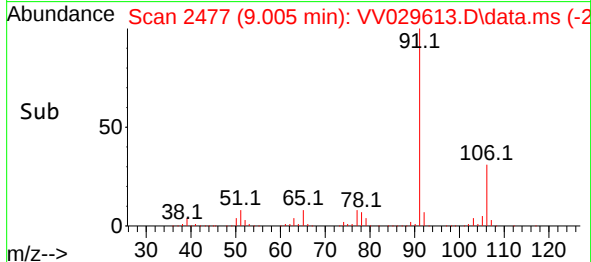
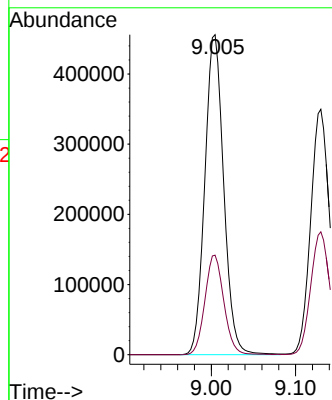
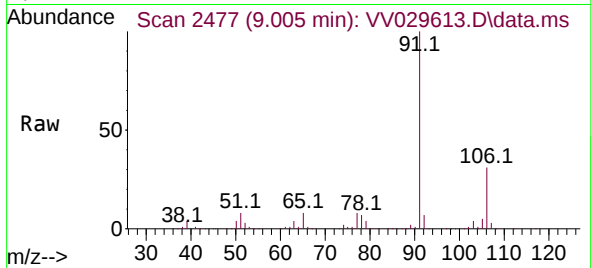




#52
Ethylbenzene
Concen: 48.001 ug/L
RT: 9.005 min Scan# 2476
Delta R.T. 0.003 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

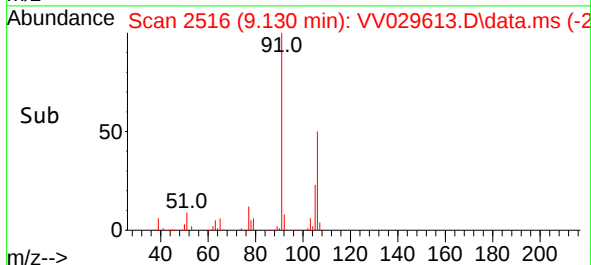
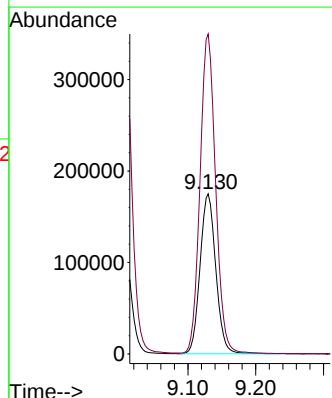
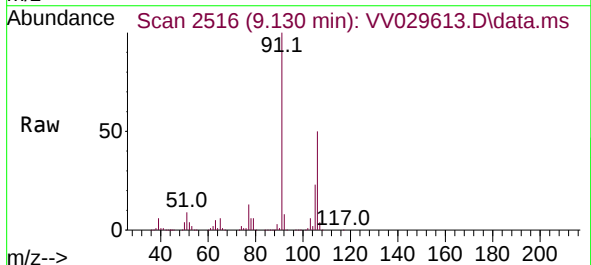
Instrument :
MSVOA_V
ClientSampleId :
EYF51MSD

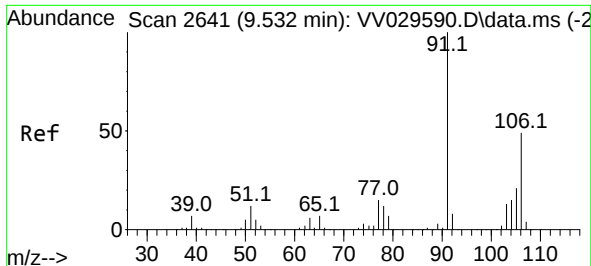
Tgt Ion: 91 Resp: 711524
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.6



#53
m,p-Xylene
Concen: 47.958 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

Tgt Ion:106 Resp: 281358
Ion Ratio Lower Upper
106 100
91 199.9 139.5 259.1

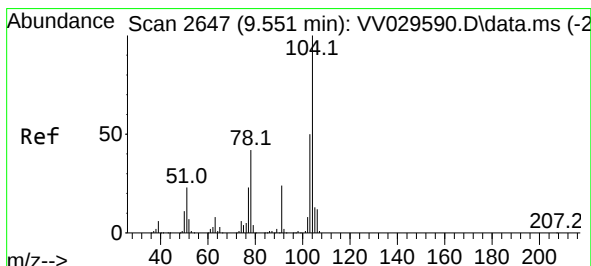
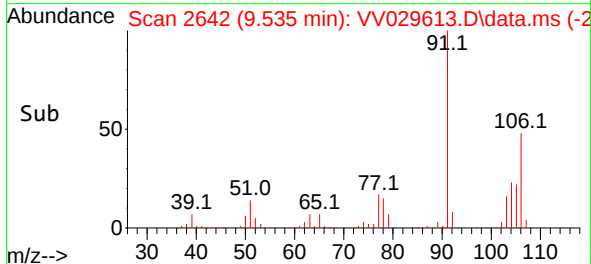
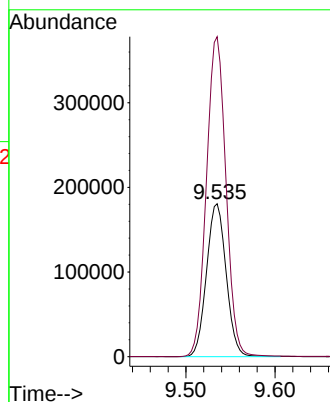
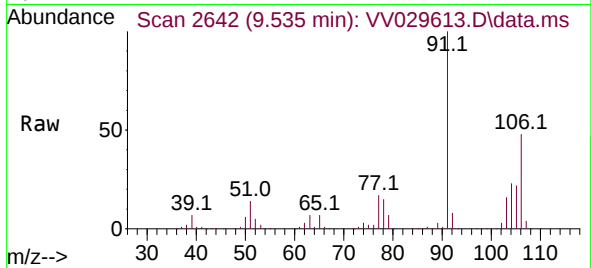




#54
o-Xylene
Concen: 47.672 ug/L
RT: 9.535 min Scan# 2641
Delta R.T. 0.003 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

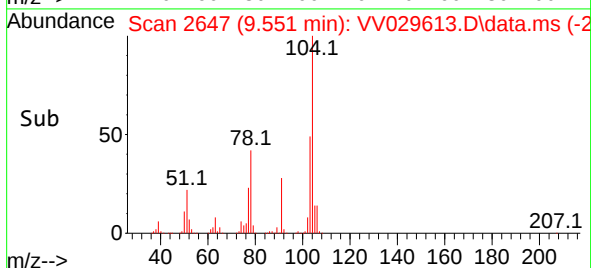
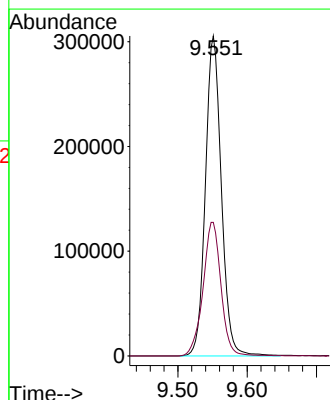
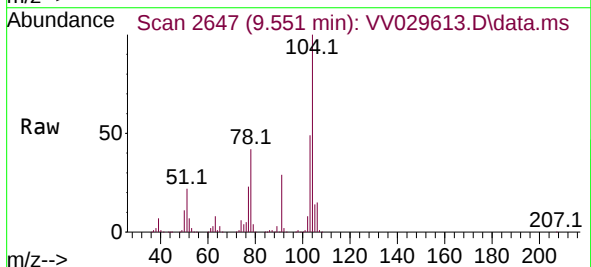
Instrument :
MSVOA_V
ClientSampleId :
EYF51MSD

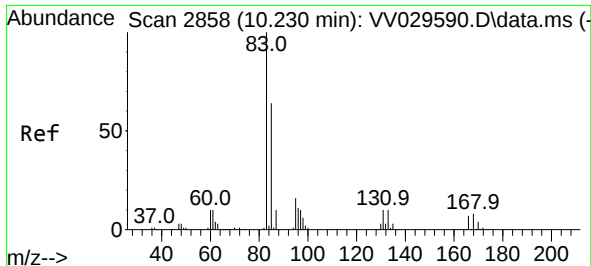
Tgt Ion:106 Resp: 276649
Ion Ratio Lower Upper
106 100
91 209.2 148.0 274.8



#55
Styrene
Concen: 48.323 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

Tgt Ion:104 Resp: 487337
Ion Ratio Lower Upper
104 100
78 41.8 29.4 54.6

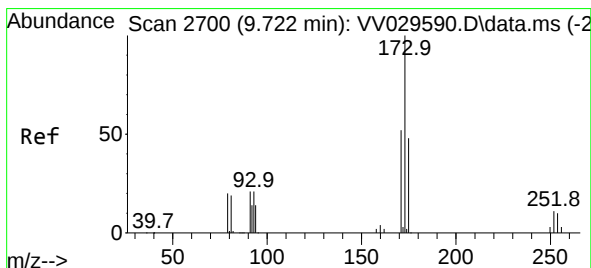
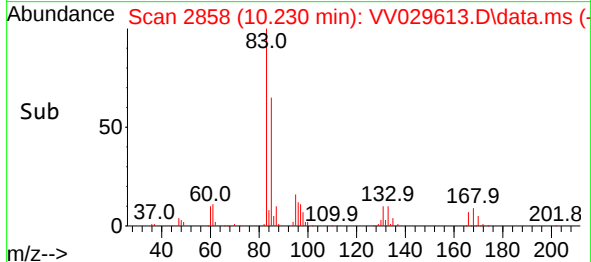
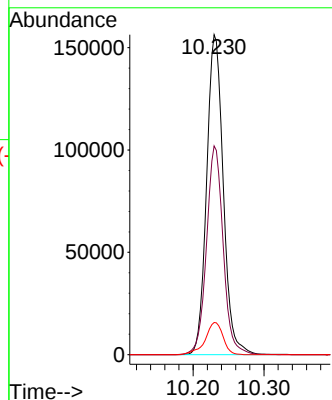
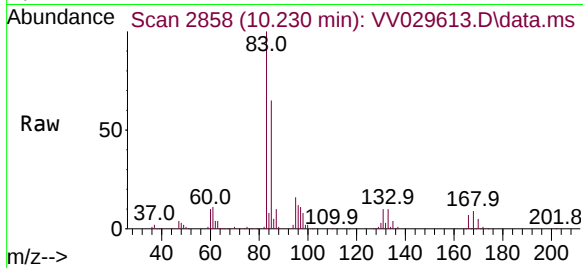




#57
1,1,2,2-Tetrachloroethane
Concen: 48.723 ug/L
RT: 10.230 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

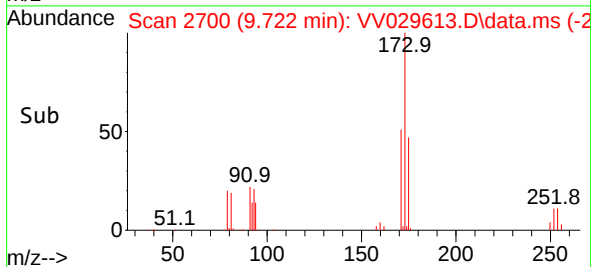
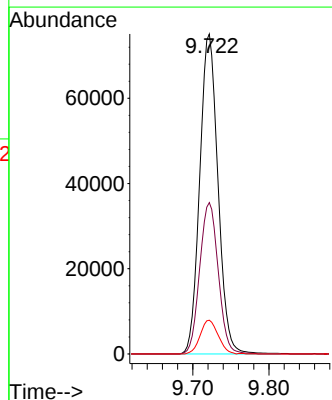
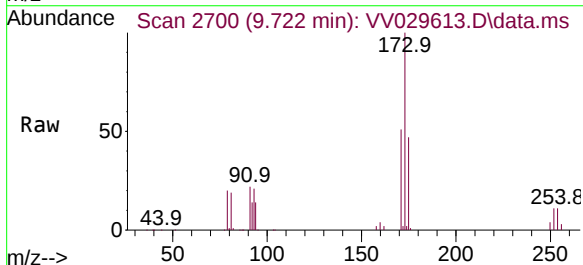
Instrument :
MSVOA_V
ClientSampleId :
EYF51MSD

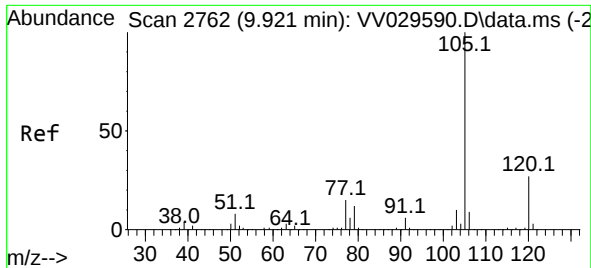
Tgt Ion: 83 Resp: 254570
Ion Ratio Lower Upper
83 100
85 65.3 45.7 84.9
131 10.0 7.9 11.9



#59
Bromoform
Concen: 43.173 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. -0.000 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

Tgt Ion: 173 Resp: 125071
Ion Ratio Lower Upper
173 100
175 48.1 38.4 57.6
254 10.4 7.8 11.8

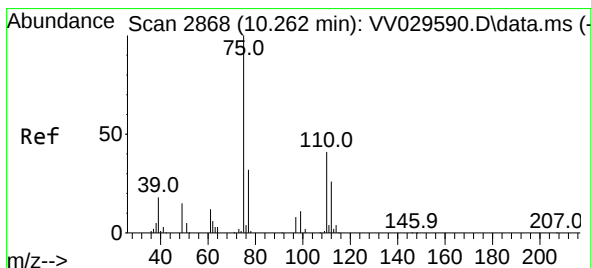
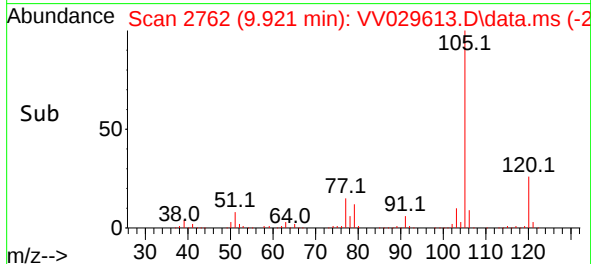
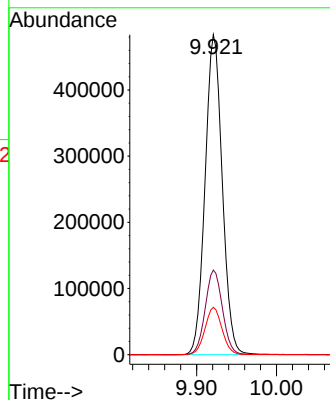
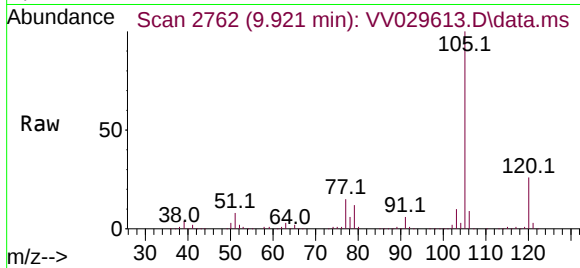




#60
Isopropylbenzene
Concen: 47.014 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

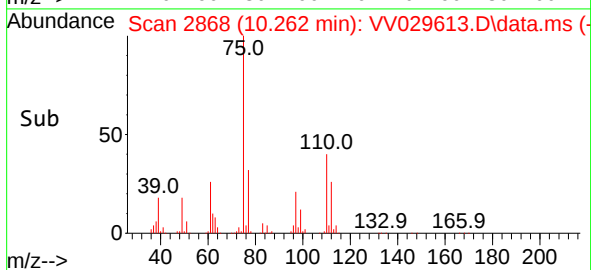
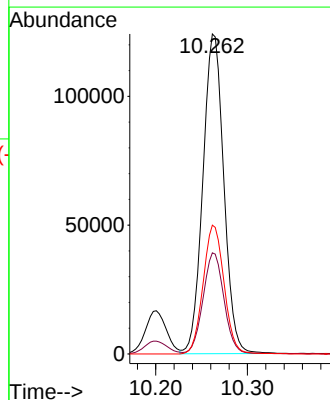
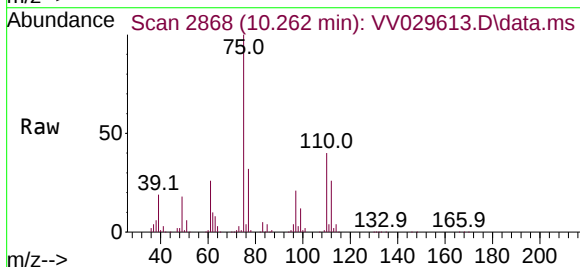
Instrument :
MSVOA_V
ClientSampleId :
EYF51MSD

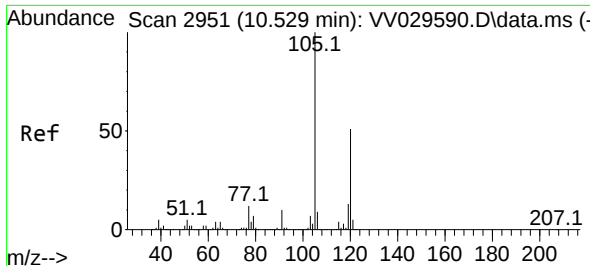
Tgt Ion:105 Resp: 723863
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 14.7 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 48.626 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.000 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

Tgt Ion: 75 Resp: 196835
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2
110 40.2 32.7 49.1

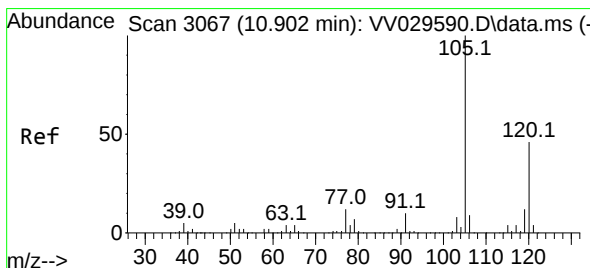
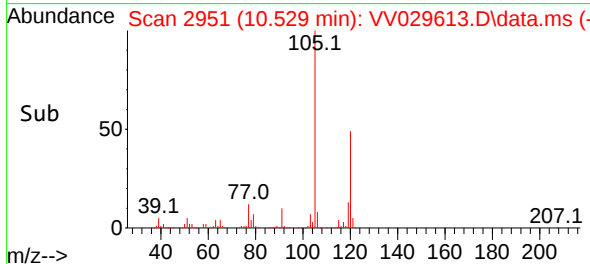
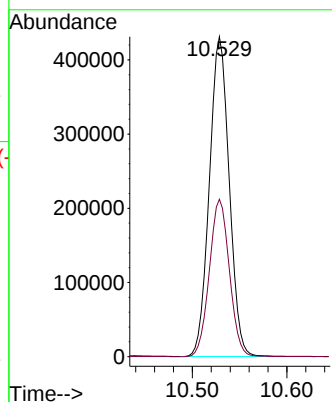
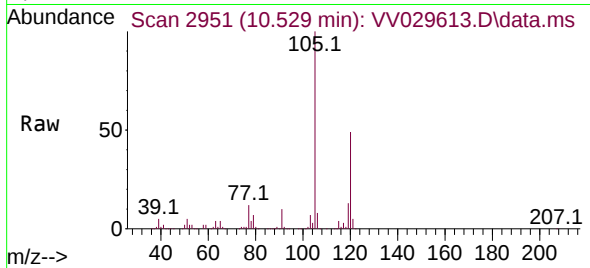




#62
 1,3,5-Trimethylbenzene
 Concen: 46.159 ug/L
 RT: 10.529 min Scan# 2951
 Delta R.T. -0.000 min
 Lab File: VV029613.D
 Acq: 12 Dec 2022 22:06

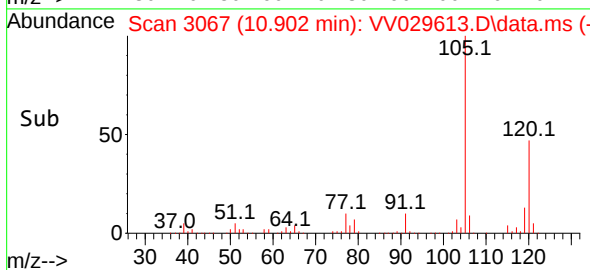
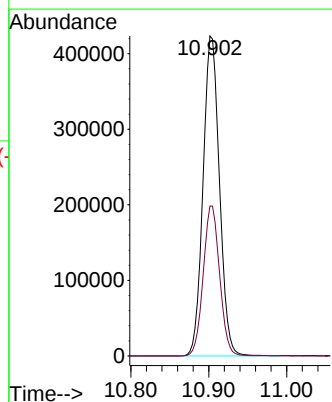
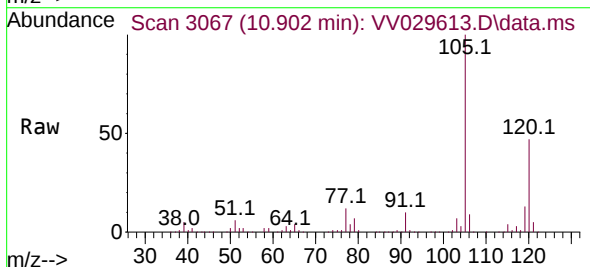
Instrument :
 MSVOA_V
 ClientSampleId :
 EYF51MSD

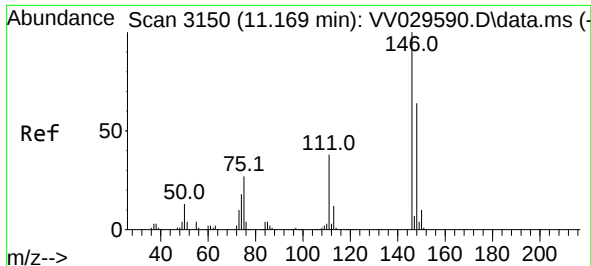
Tgt Ion:105 Resp: 628396
 Ion Ratio Lower Upper
 105 100
 120 49.7 40.0 60.0



#63
 1,2,4-Trimethylbenzene
 Concen: 45.906 ug/L
 RT: 10.902 min Scan# 3067
 Delta R.T. -0.000 min
 Lab File: VV029613.D
 Acq: 12 Dec 2022 22:06

Tgt Ion:105 Resp: 619482
 Ion Ratio Lower Upper
 105 100
 120 46.9 36.7 55.1

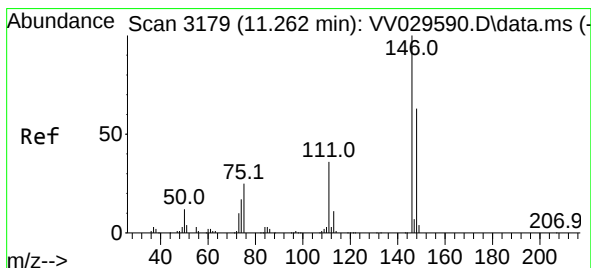
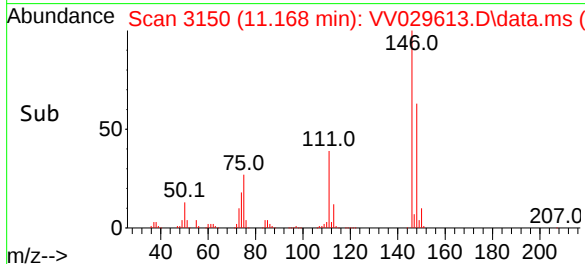
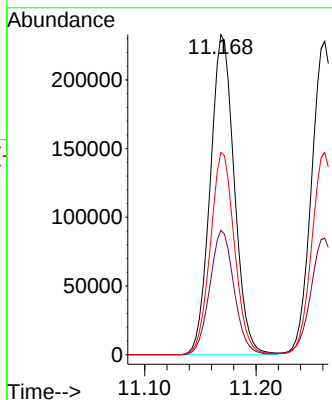
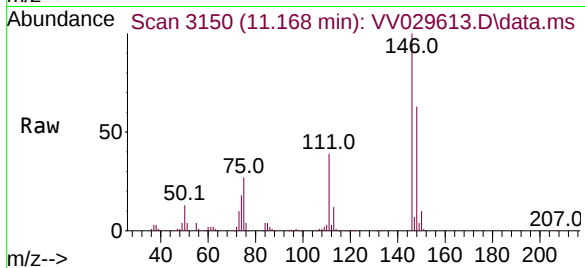




#64
1,3-Dichlorobenzene
Concen: 46.419 ug/L
RT: 11.168 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

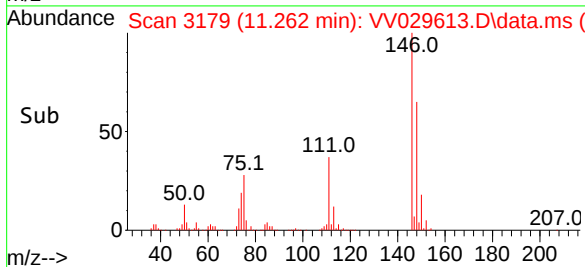
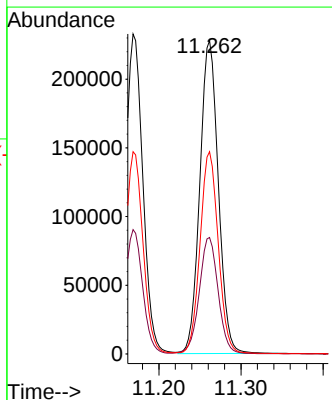
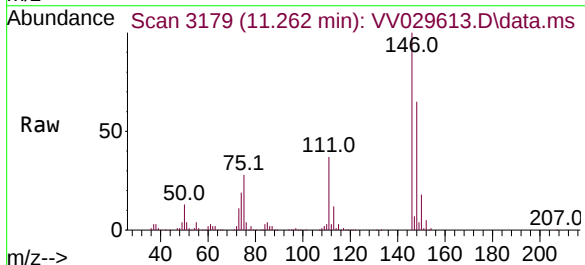
Instrument :
MSVOA_V
ClientSampleId :
EYF51MSD

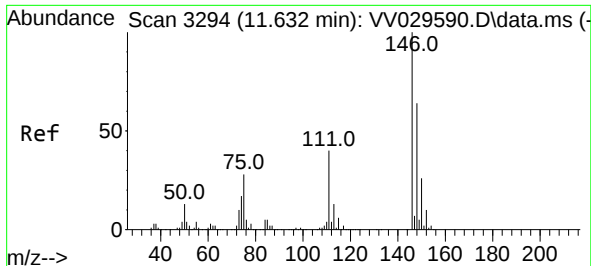
Tgt Ion:146 Resp: 349457
Ion Ratio Lower Upper
146 100
111 38.8 27.4 51.0
148 63.2 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 46.518 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

Tgt Ion:146 Resp: 355908
Ion Ratio Lower Upper
146 100
111 37.1 26.2 48.8
148 64.5 44.7 83.1

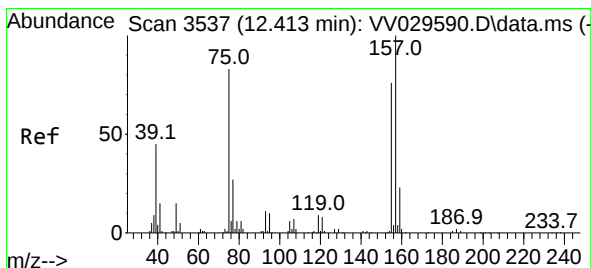
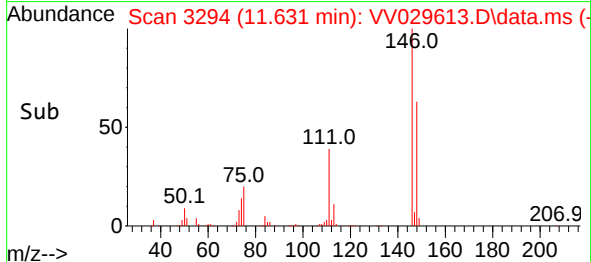
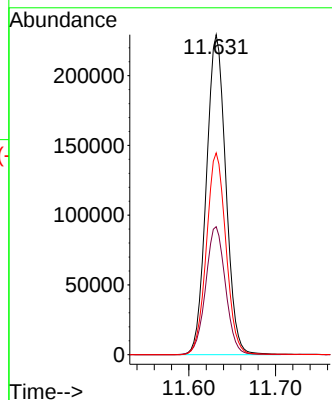
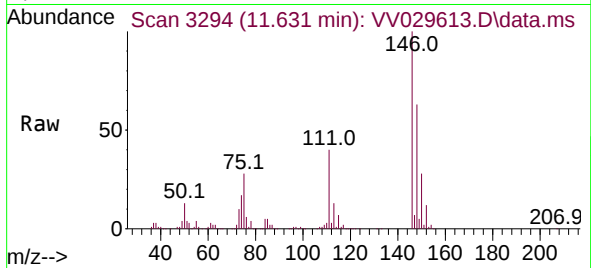




#67
1,2-Dichlorobenzene
Concen: 46.453 ug/L
RT: 11.631 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

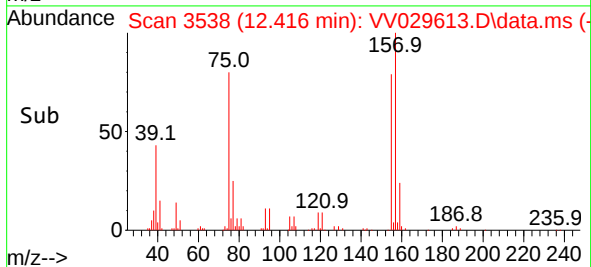
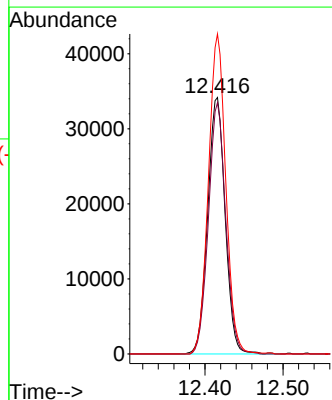
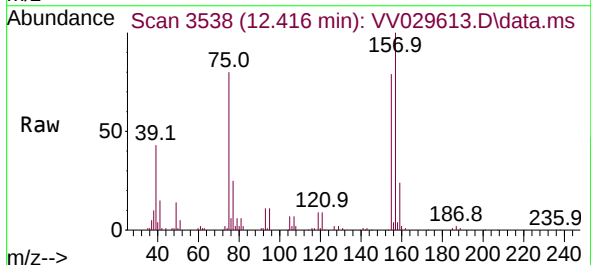
Instrument :
MSVOA_V
ClientSampleId :
EYF51MSD

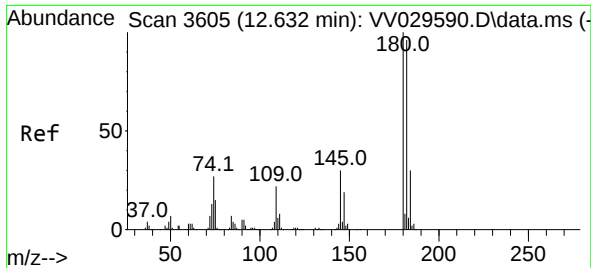
Tgt Ion:146 Resp: 357608
Ion Ratio Lower Upper
146 100
111 40.0 32.0 48.0
148 63.0 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 42.383 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. 0.003 min
Lab File: VV029613.D
Acq: 12 Dec 2022 22:06

Tgt Ion: 75 Resp: 53323
Ion Ratio Lower Upper
75 100
155 98.1 76.2 114.2
157 124.8 96.0 144.0

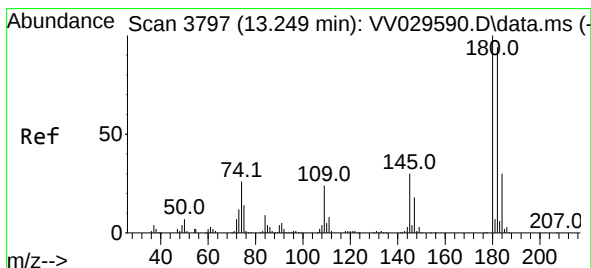
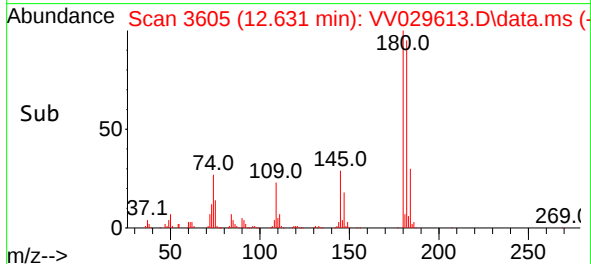
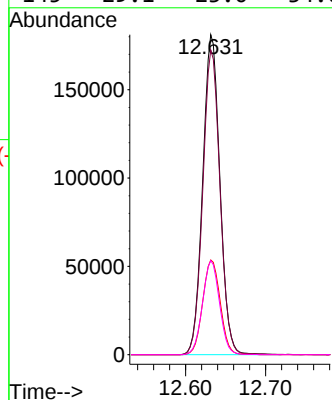
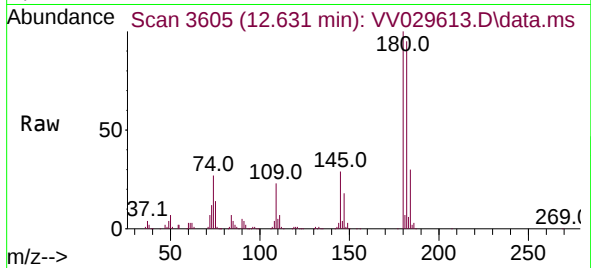




#69
 1,3,5-Trichlorobenzene
 Concen: 45.257 ug/L
 RT: 12.631 min Scan# 3605
 Delta R.T. -0.000 min
 Lab File: VV029613.D
 Acq: 12 Dec 2022 22:06

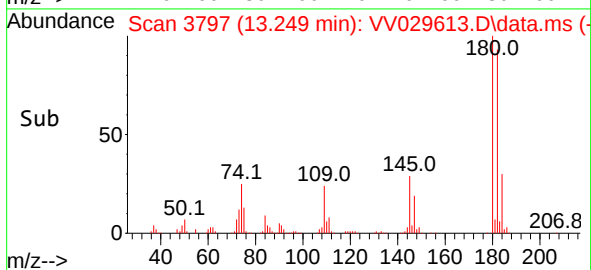
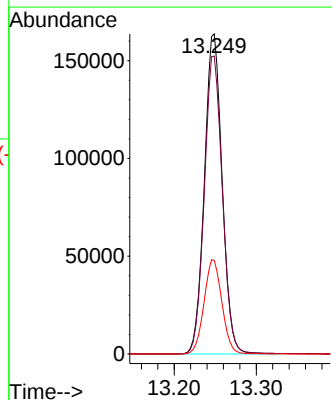
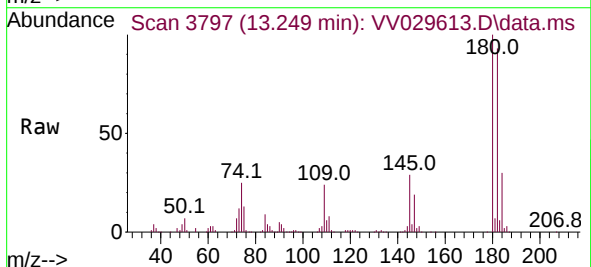
Instrument :
 MSVOA_V
 ClientSampleId :
 EYF51MSD

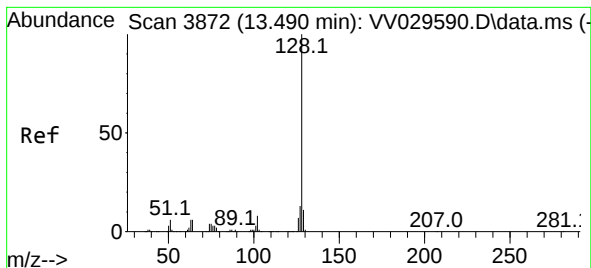
Tgt Ion:180	Resp:	271138
Ion Ratio	Lower	Upper
180	100	
182	95.2	76.5 114.7
184	30.2	24.6 36.8
145	29.1	23.0 34.6



#70
 1,2,4-trichlorobenzene
 Concen: 46.311 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. -0.000 min
 Lab File: VV029613.D
 Acq: 12 Dec 2022 22:06

Tgt Ion:180	Resp:	246725
Ion Ratio	Lower	Upper
180	100	
182	94.4	76.3 114.5
145	29.5	23.7 35.5





#71

Naphthalene

Concen: 54.040 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. -0.000 min

Lab File: VV029613.D

Acq: 12 Dec 2022 22:06

Instrument :

MSVOA_V

ClientSampleId :

EYF51MSD

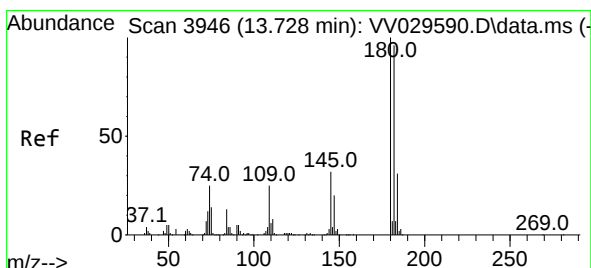
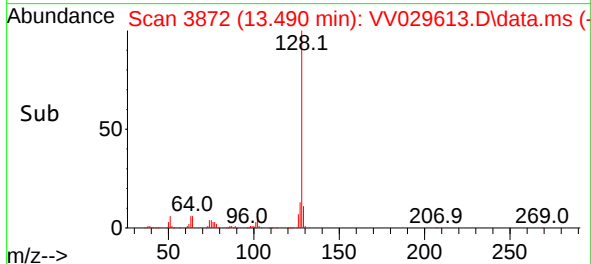
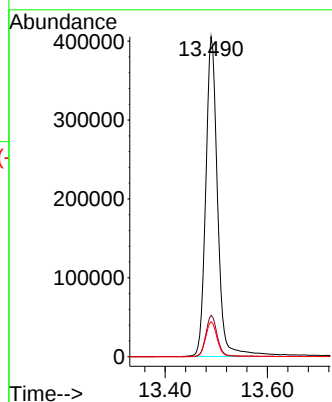
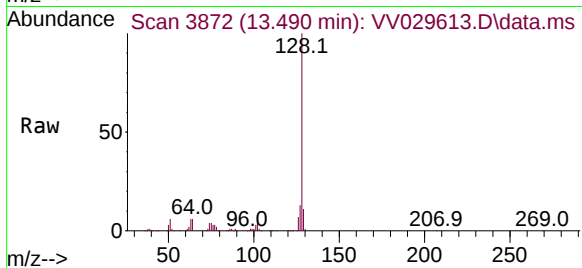
Tgt Ion:128 Resp: 653033

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 47.840 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.003 min

Lab File: VV029613.D

Acq: 12 Dec 2022 22:06

Tgt Ion:180 Resp: 249635

Ion Ratio Lower Upper

180 100

182 94.2 76.4 114.6

145 30.9 25.0 37.6

