

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080122\
 Data File : VW027182.D
 Acq On : 02 Aug 2022 19:49
 Operator : SY/MD
 Sample : N4005-06MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY157MS

Quant Time: Aug 03 02:03:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 03 02:00:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	603053	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	594565	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	319933	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	159630	40.844	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.680%
7) Chloroethane-d5	1.561	69	134688	46.053	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.100%
11) 1,1-Dichloroethene-d2	2.105	63	303459	40.775	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.540%
21) 2-Butanone-d5	3.873	46	245750	95.506	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.510%
24) Chloroform-d	4.346	84	347533	43.991	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.980%
26) 1,2-Dichloroethane-d4	5.027	65	197580	44.081	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.160%
32) Benzene-d6	5.047	84	668362	42.482	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.960%
36) 1,2-Dichloropropane-d6	6.066	67	215415	44.261	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.520%
41) Toluene-d8	7.313	98	638175	44.993	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.980%
43) trans-1,3-Dichloroprop...	7.619	79	93320	43.689	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.380%
47) 2-Hexanone-d5	8.088	63	186630	99.327	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.330%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	345120	47.438	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.880%
66) 1,2-Dichlorobenzene-d4	11.622	152	246592	43.857	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	254659	44.132	ug/L	98
3) Chloromethane	1.237	50	241467	44.130	ug/L	98
5) Vinyl chloride	1.307	62	268870	47.207	ug/L	99
6) Bromomethane	1.513	94	118984	40.283	ug/L	100
8) Chloroethane	1.577	64	156164	51.174	ug/L	98
9) Trichlorofluoromethane	1.748	101	329217	43.871	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	189568	44.048	ug/L	100
12) 1,1-Dichloroethene	2.114	96	183342	43.843	ug/L	96
13) Acetone	2.163	43	192569	88.627	ug/L	98
14) Carbon disulfide	2.288	76	540904	43.433	ug/L	100
15) Methyl Acetate	2.426	43	191446	40.500	ug/L	98
16) Methylene chloride	2.500	84	235504	44.430	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	1625793	365.256	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	635529	49.703	ug/L	100
19) 1,1-Dichloroethane	3.185	63	362656	44.494	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	1236254	261.650	ug/L	98
22) 2-Butanone	3.957	43	294385	98.321	ug/L	99
23) Bromochloromethane	4.243	128	121791	45.369	ug/L	99
25) Chloroform	4.371	83	387428	45.145	ug/L	99

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 Response via : Initial Calibration

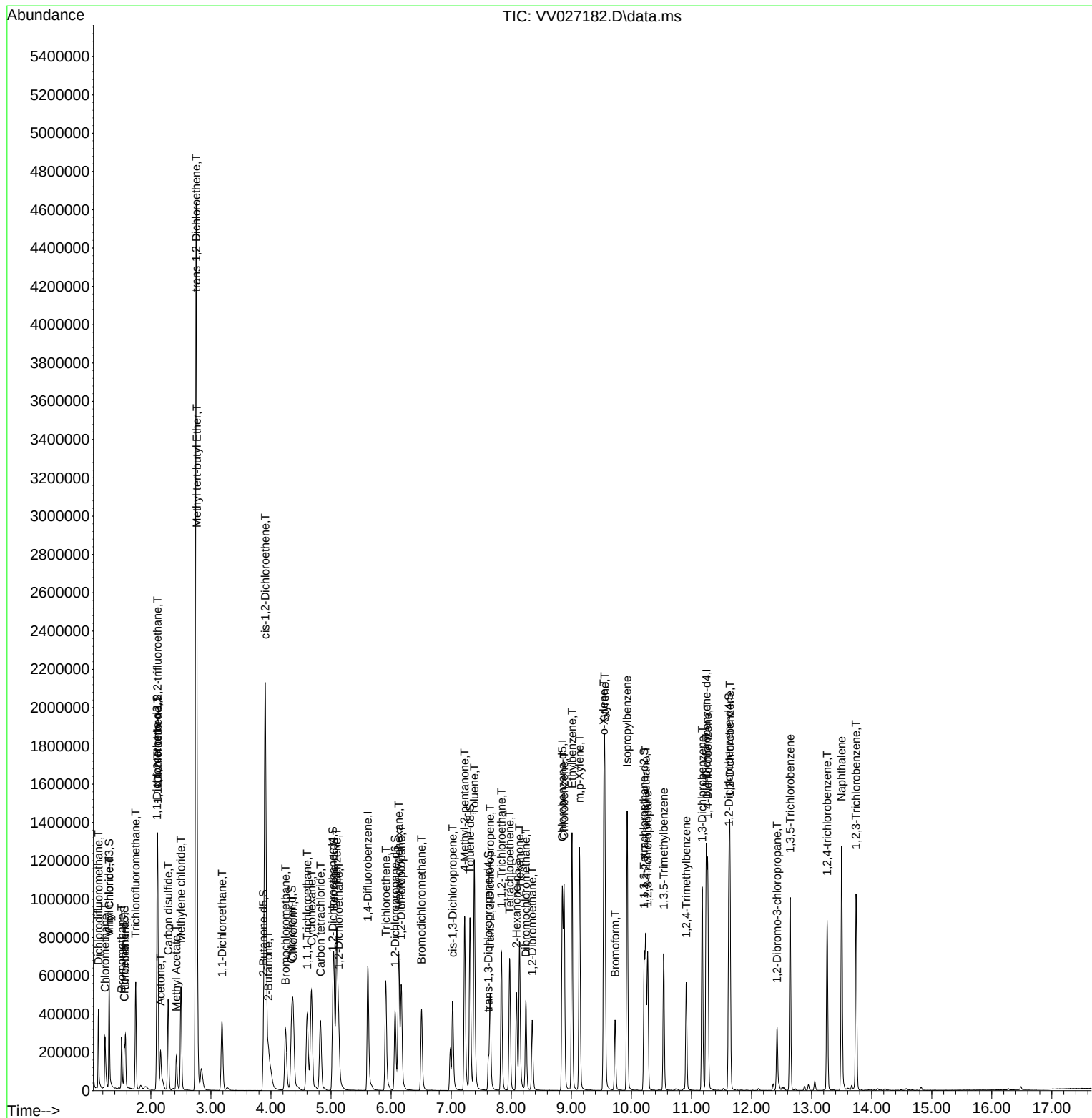
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27) 1,2-Dichloroethane	5.127	62	271416	45.679	ug/L	98
29) Cyclohexane	4.674	56	265976	44.185	ug/L	95
30) 1,1,1-Trichloroethane	4.603	97	333999	44.799	ug/L	98
31) Carbon tetrachloride	4.825	117	290634	45.334	ug/L	100
33) Benzene	5.095	78	851991	46.721	ug/L	100
34) Trichloroethene	5.912	95	214129	45.660	ug/L	98
35) Methylcyclohexane	6.127	83	308733	44.358	ug/L	99
37) 1,2-Dichloropropane	6.169	63	232647	48.596	ug/L	98
38) Bromodichloromethane	6.506	83	298465	47.067	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	306007	45.564	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	566885	100.192	ug/L	100
42) Toluene	7.384	91	925107	49.176	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	303238	46.994	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	240009	47.692	ug/L	99
46) Tetrachloroethene	7.973	164	163869	45.769	ug/L	97
48) 2-Hexanone	8.137	43	457101	103.908	ug/L	98
49) Dibromochloromethane	8.243	129	247039	47.289	ug/L	99
50) 1,2-Dibromoethane	8.349	107	245027	47.029	ug/L	98
51) Chlorobenzene	8.879	112	601289	46.187	ug/L	99
52) Ethylbenzene	9.011	91	930115	48.244	ug/L	100
53) m,p-Xylene	9.137	106	380746	50.344	ug/L	97
54) o-Xylene	9.542	106	363133	49.051	ug/L	98
55) Styrene	9.558	104	669125	52.004	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	391343	47.957	ug/L	99
59) Bromoform	9.731	173	164404	44.510	ug/L	99
60) Isopropylbenzene	9.931	105	929095	47.328	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	297609	44.805	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	379253	44.603	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	309871	45.105	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	446018	46.100	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	463777	45.440	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	470368	46.297	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	78832	44.360	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	307024	44.730	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	266899	46.309	ug/L	99
71) Naphthalene	13.500	128	966193	51.035	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	309852	49.163	ug/L	98

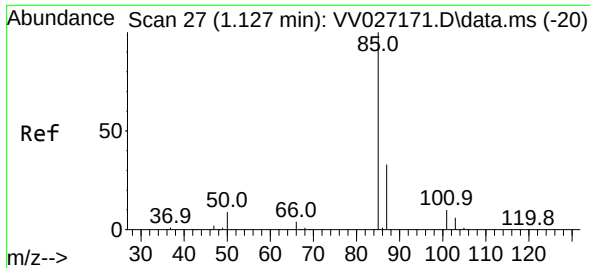
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 03 02:00:39 2022
Response via : Initial Calibration

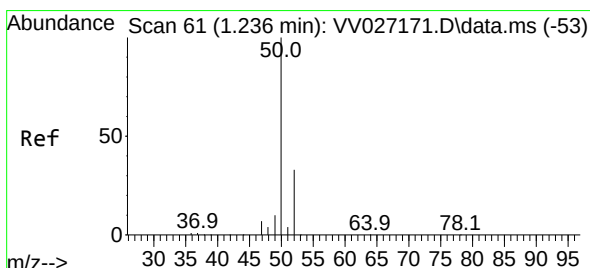
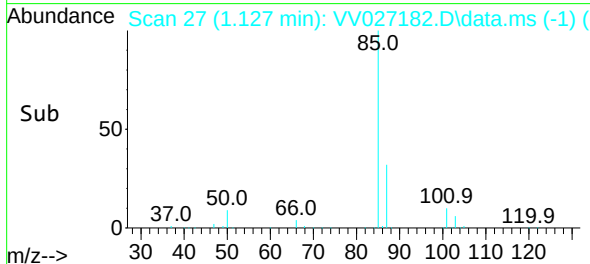
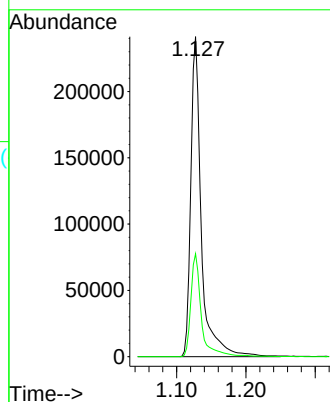
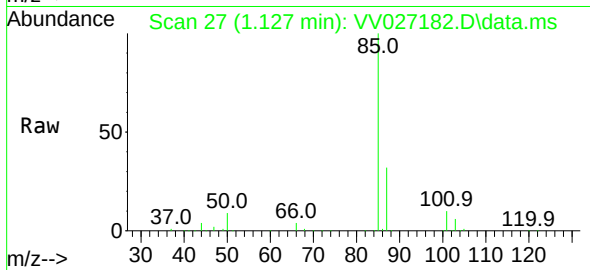




#2
 Dichlorodifluoromethane
 Concen: 44.132 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027182.D
 Acq: 02 Aug 2022 19:49

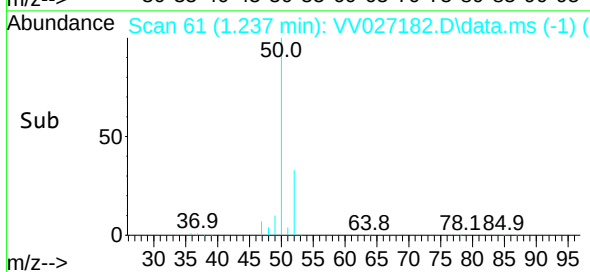
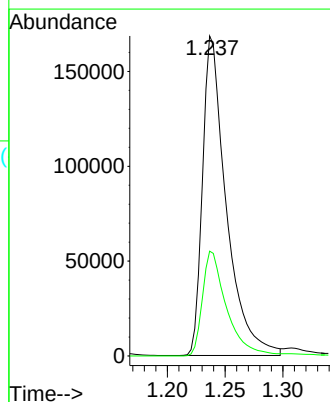
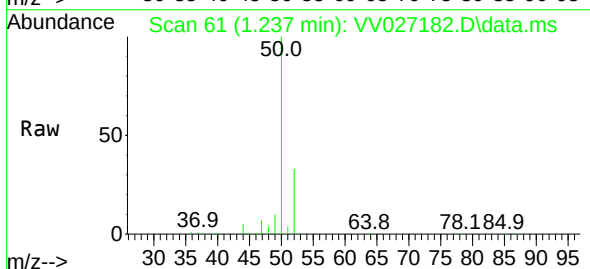
Instrument :
 MSVOA_V
 ClientSampleId :
 EY157MS

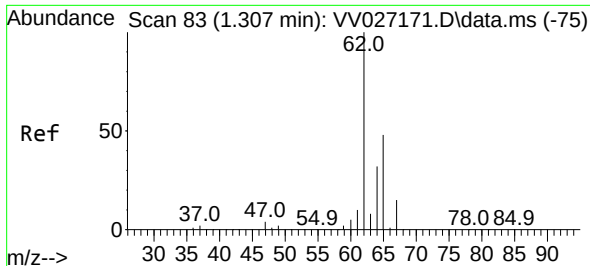
Tgt Ion: 85 Resp: 254659
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.3 39.5



#3
 Chloromethane
 Concen: 44.130 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV027182.D
 Acq: 02 Aug 2022 19:49

Tgt Ion: 50 Resp: 241467
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.7 43.9

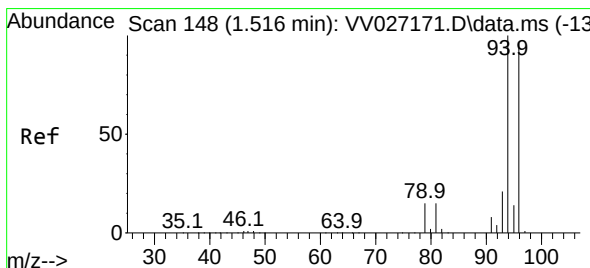
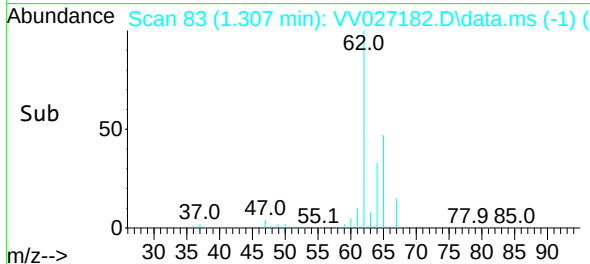
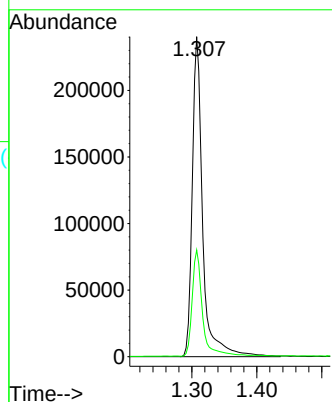
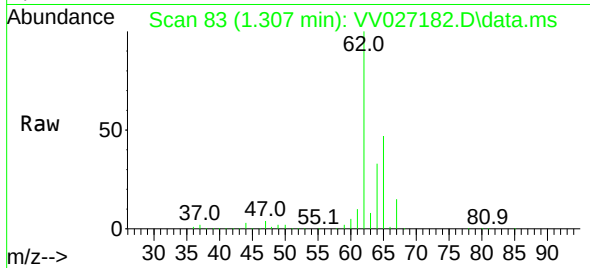




#5
 Vinyl chloride
 Concen: 47.207 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV027182.D
 Acq: 02 Aug 2022 19:49

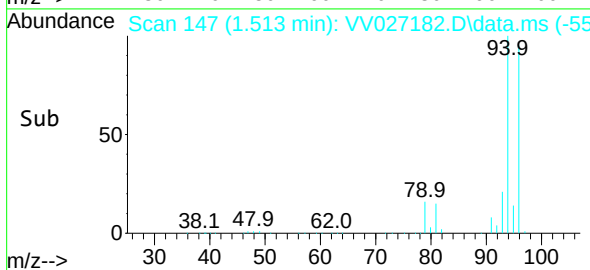
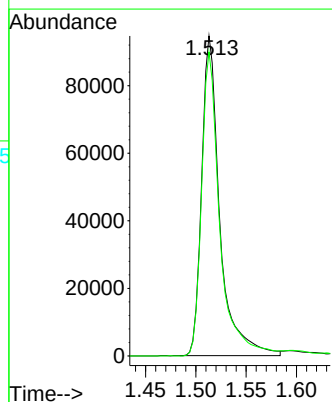
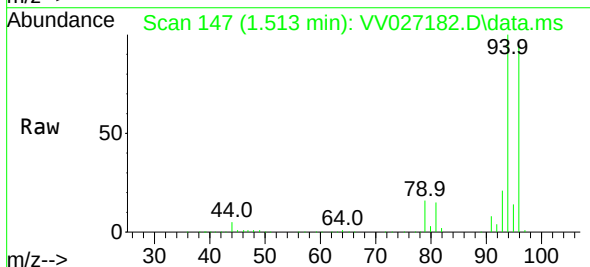
Instrument :
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 ClientSampleId :
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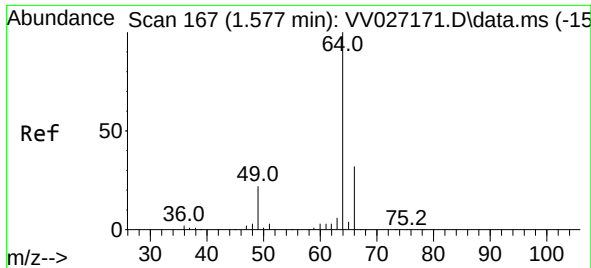
Tgt Ion: 62 Resp: 268870
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.1 42.9



#6
 Bromomethane
 Concen: 40.283 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.003 min
 Lab File: VV027182.D
 Acq: 02 Aug 2022 19:49

Tgt Ion: 94 Resp: 118984
 Ion Ratio Lower Upper
 94 100
 96 95.0 66.6 123.6

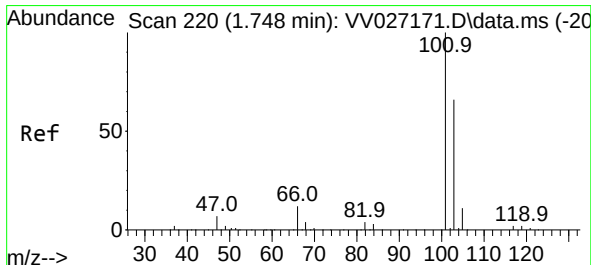
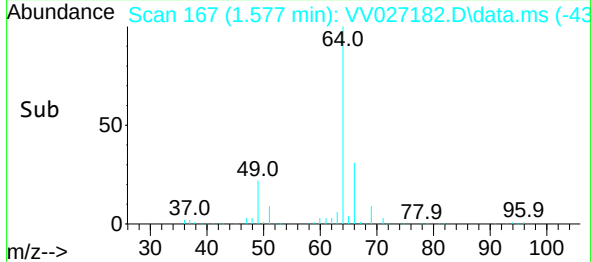
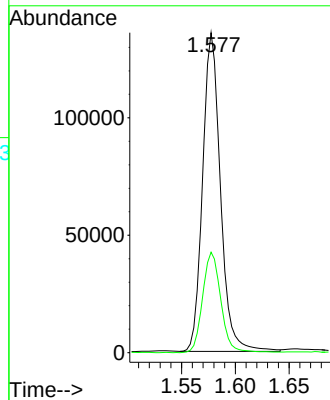
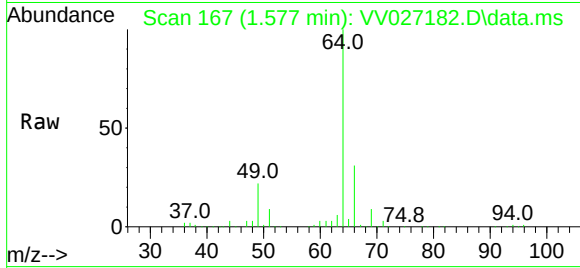




#8
Chloroethane
Concen: 51.174 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

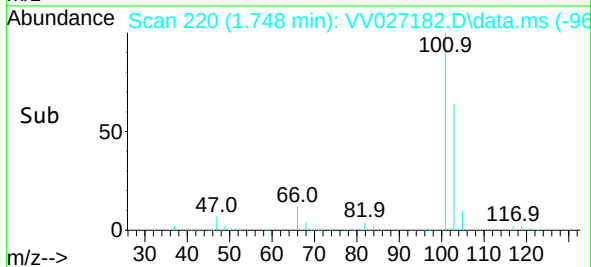
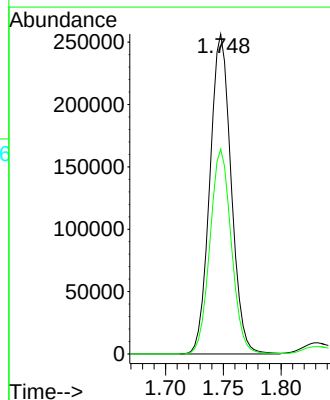
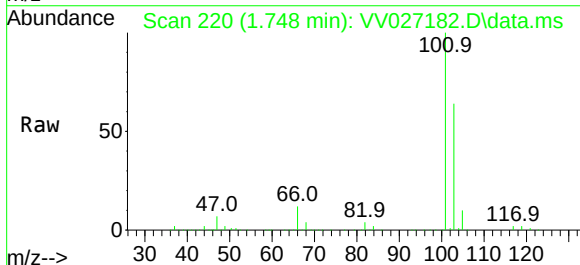
Instrument :
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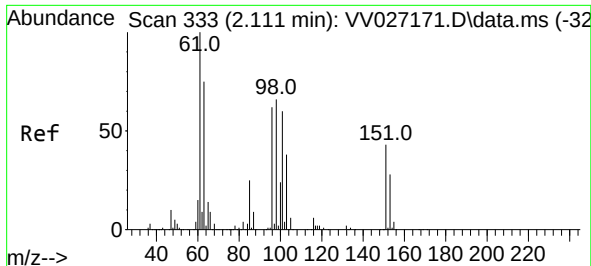
Tgt Ion: 64 Resp: 156164
Ion Ratio Lower Upper
64 100
66 31.4 22.6 42.0



#9
Trichlorofluoromethane
Concen: 43.871 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

Tgt Ion:101 Resp: 329217
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.8

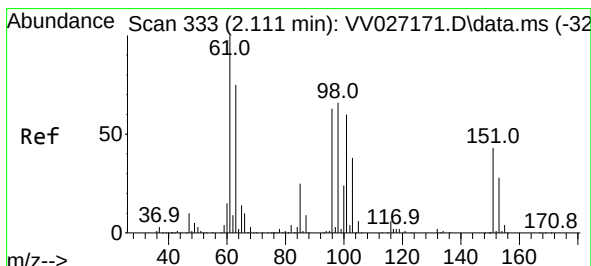
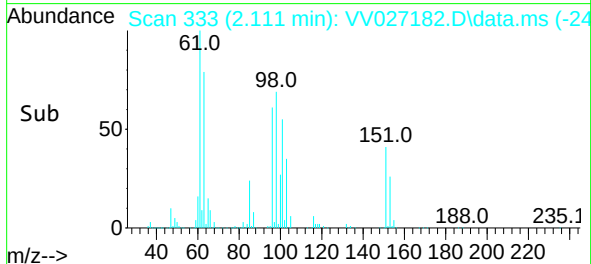
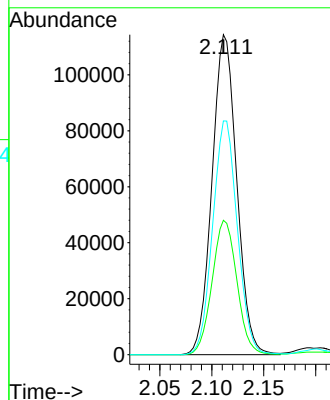
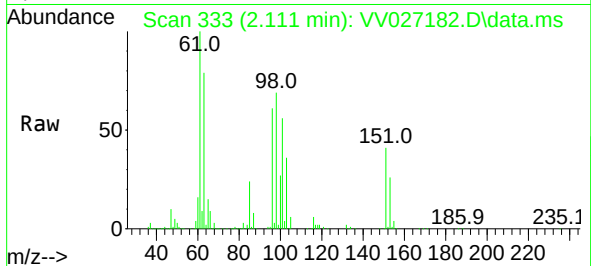




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.048 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV027182.D
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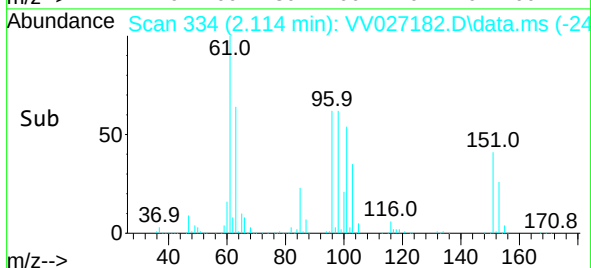
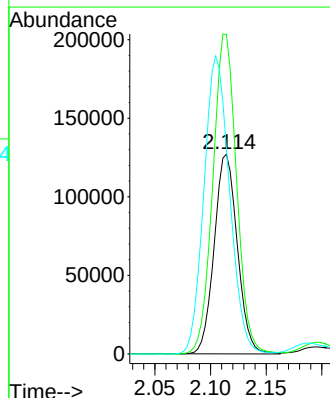
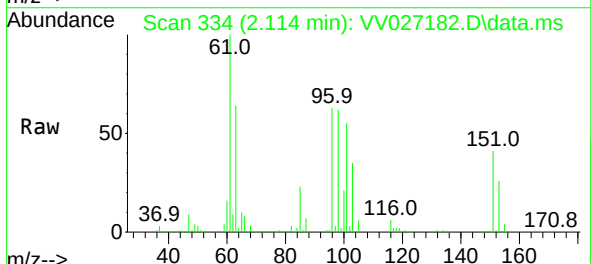
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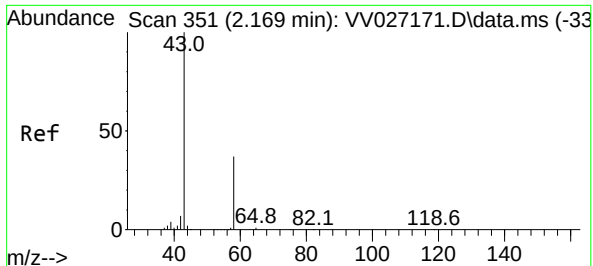
Tgt Ion:101 Resp: 189568
 Ion Ratio Lower Upper
 101 100
 85 42.0 33.9 50.9
 151 73.0 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 43.843 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV027182.D
 Acq: 02 Aug 2022 19:49

Tgt Ion: 96 Resp: 183342
 Ion Ratio Lower Upper
 96 100
 61 159.9 110.7 205.5
 63 102.8 78.4 145.6





#13

Acetone

Concen: 88.627 ug/L

RT: 2.163 min Scan# 34

Delta R.T. -0.006 min

Lab File: VV027182.D

Acq: 02 Aug 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

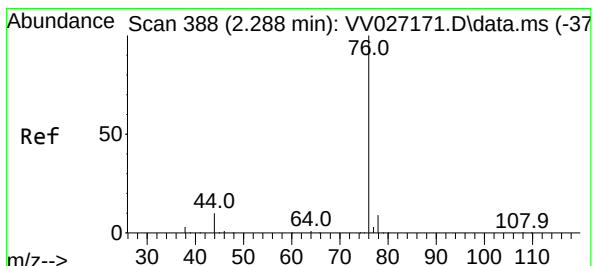
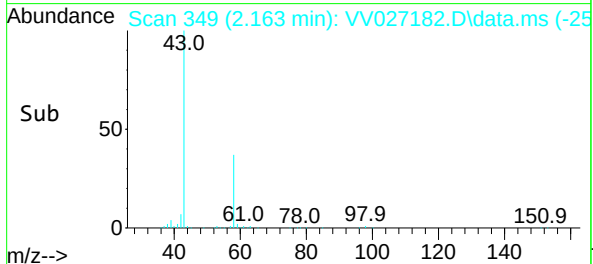
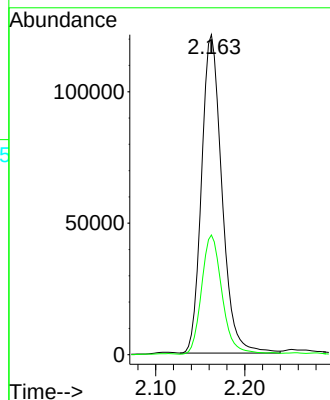
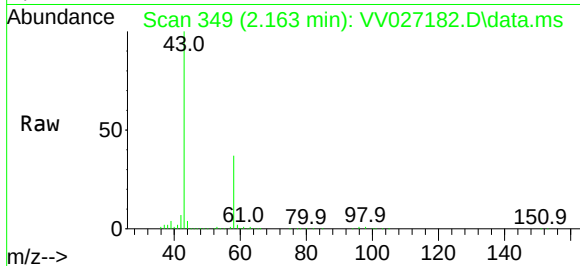
EY157MS

Tgt Ion: 43 Resp: 192569

Ion Ratio Lower Upper

43 100

58 38.1 0.0 73.6



#14

Carbon disulfide

Concen: 43.433 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.000 min

Lab File: VV027182.D

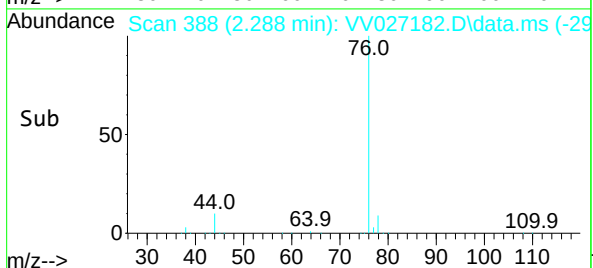
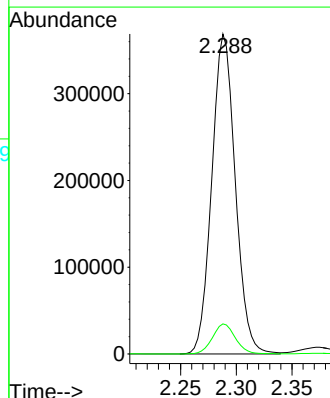
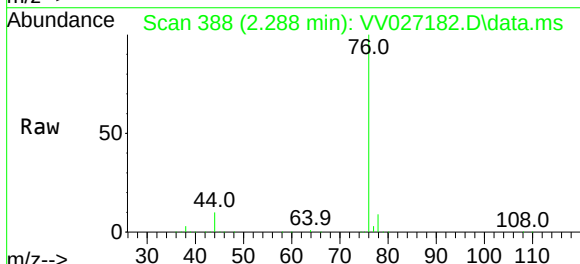
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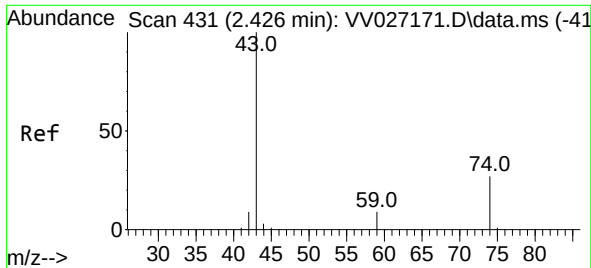
Tgt Ion: 76 Resp: 540904

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

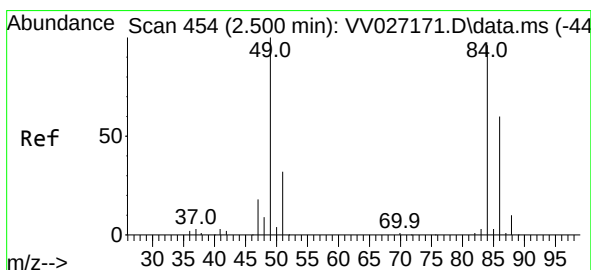
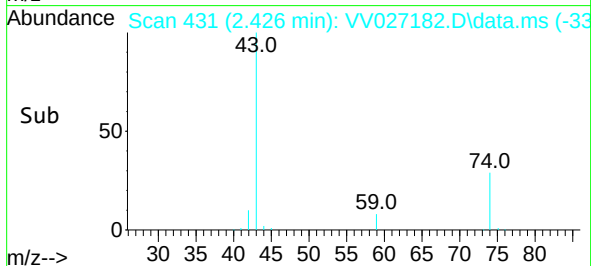
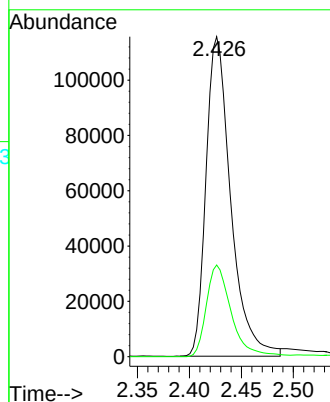
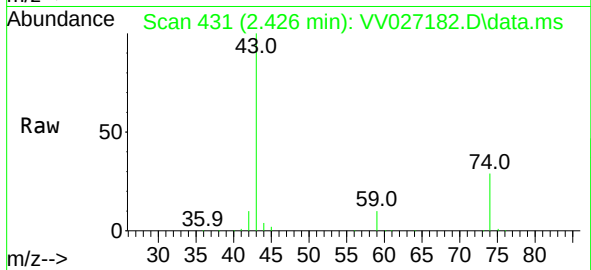




#15
Methyl Acetate
Concen: 40.500 ug/L
RT: 2.426 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

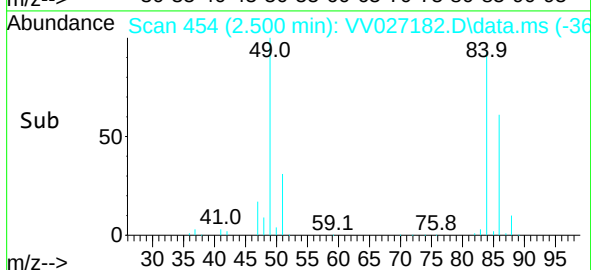
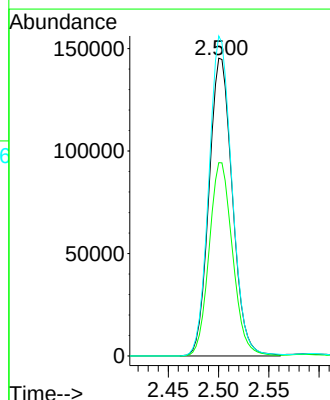
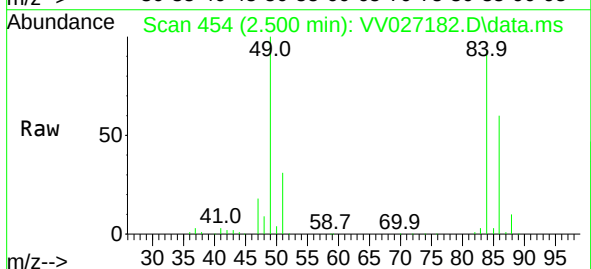
Instrument :
MSVOA_V
ClientSampleId :
EY157MS

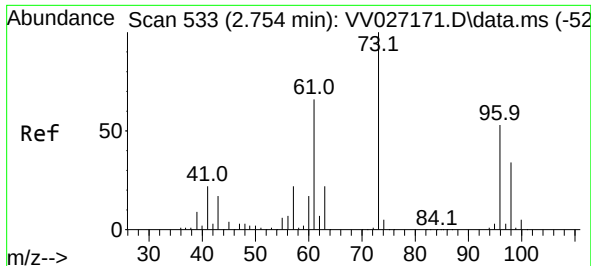
Tgt Ion: 43 Resp: 191446
Ion Ratio Lower Upper
43 100
74 28.8 22.4 33.6



#16
Methylene chloride
Concen: 44.430 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

Tgt Ion: 84 Resp: 235504
Ion Ratio Lower Upper
84 100
86 64.9 45.3 84.1
49 107.5 76.0 141.2

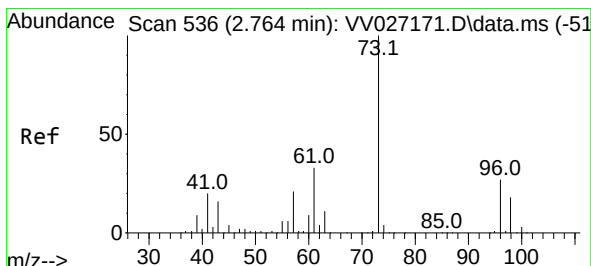
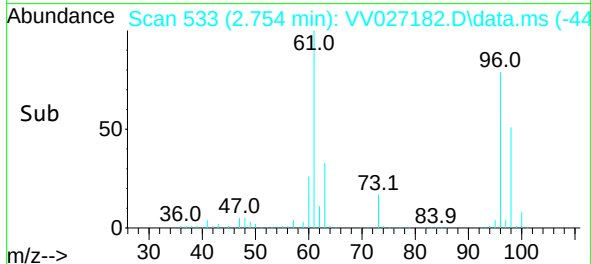
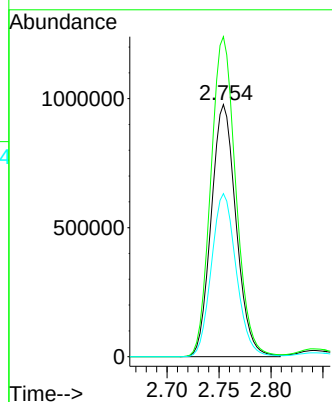
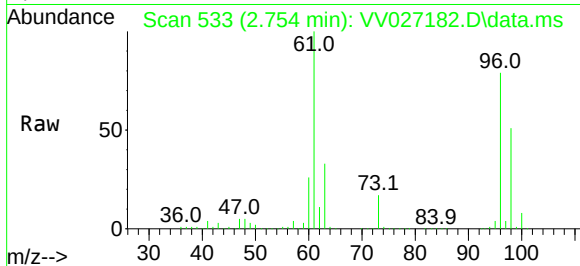




#17
trans-1,2-Dichloroethene
Concen: 365.256 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

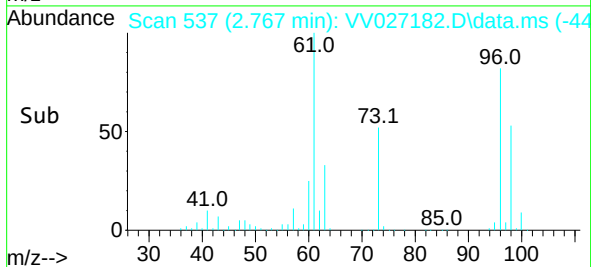
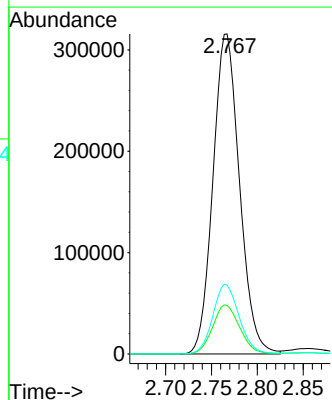
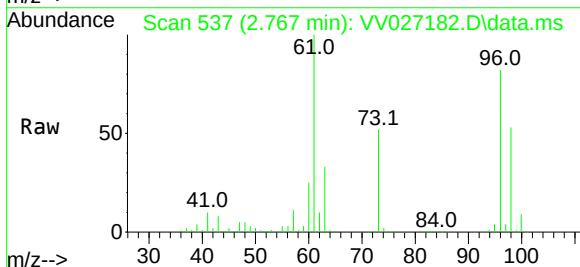
Instrument :
MSVOA_V
ClientSampleId :
EY157MS

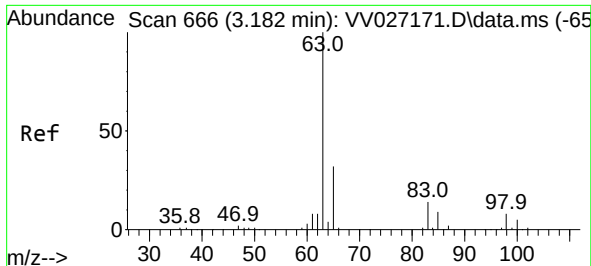
Tgt Ion: 96 Resp: 1625793
Ion Ratio Lower Upper
96 100
61 126.9 89.2 165.6
98 64.6 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 49.703 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

Tgt Ion: 73 Resp: 635529
Ion Ratio Lower Upper
73 100
43 15.5 12.6 18.8
57 21.6 17.2 25.8





#19

1,1-Dichloroethane

Concen: 44.494 ug/L

RT: 3.185 min Scan# 666

Delta R.T. 0.003 min

Lab File: VV027182.D

Acq: 02 Aug 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

EY157MS

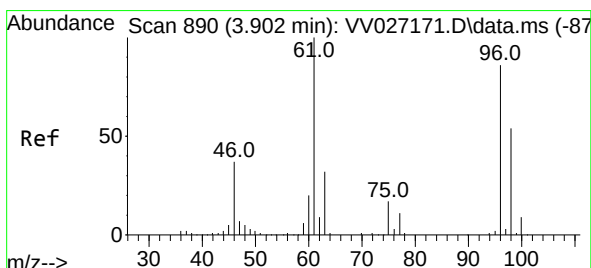
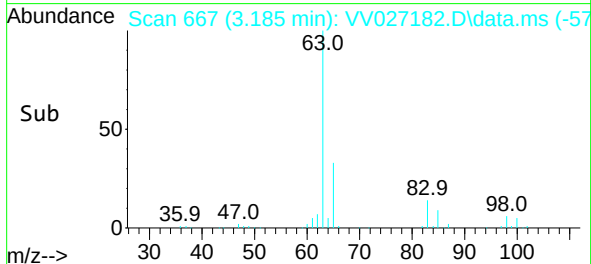
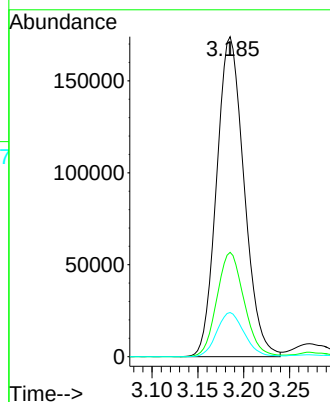
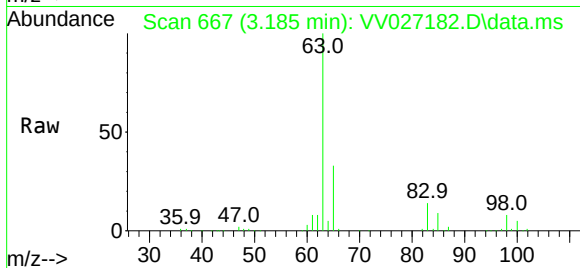
Tgt Ion: 63 Resp: 362656

Ion Ratio Lower Upper

63 100

65 32.6 22.9 42.5

83 13.8 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 261.650 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV027182.D

Acq: 02 Aug 2022 19:49

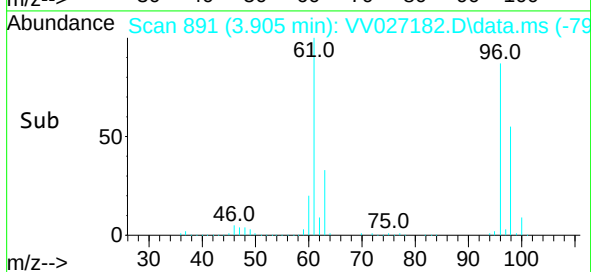
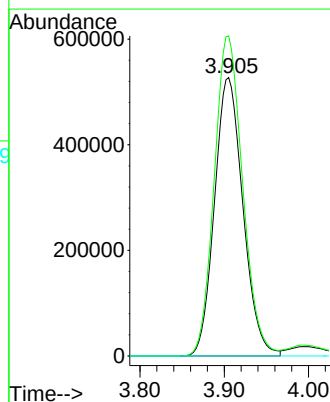
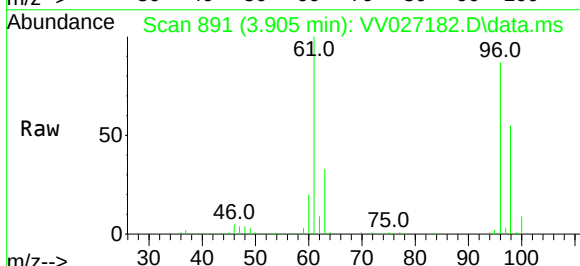
Tgt Ion: 96 Resp: 1236254

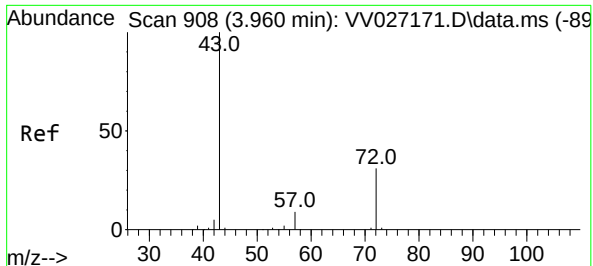
Ion Ratio Lower Upper

96 100

61 114.9 81.7 151.7

68 0.0 0.0 0.0

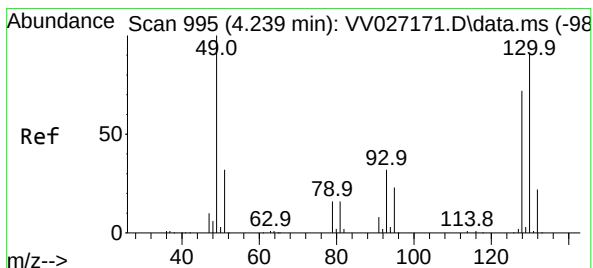
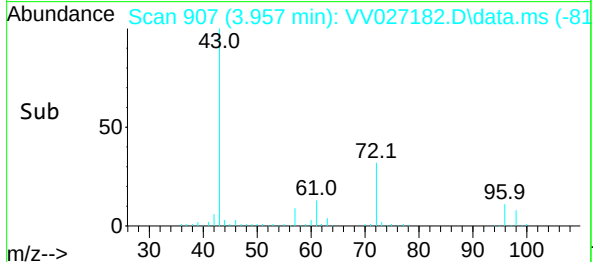
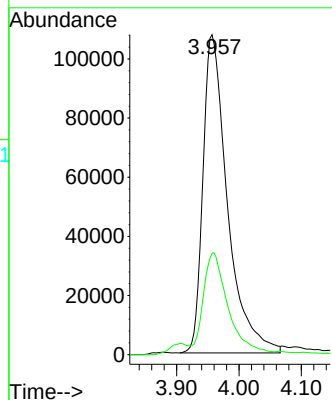
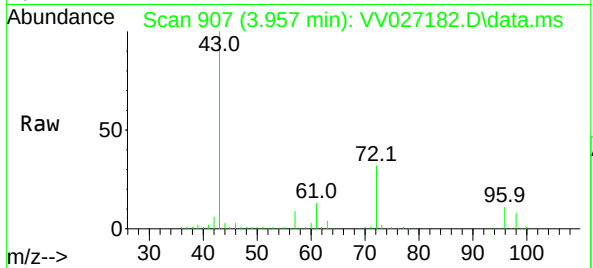




#22
2-Butanone
Concen: 98.321 ug/L
RT: 3.957 min Scan# 908
Delta R.T. -0.003 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

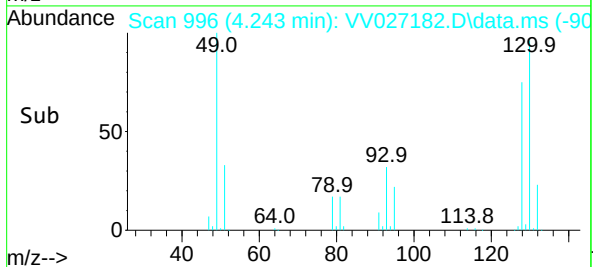
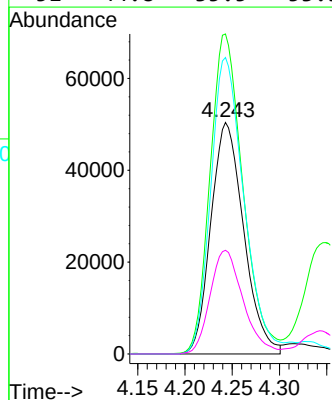
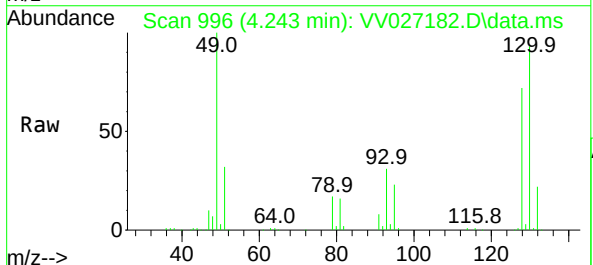
Instrument :
MSVOA_V
ClientSampleId :
EY157MS

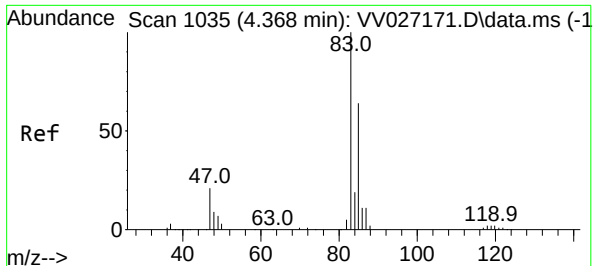
Tgt Ion: 43 Resp: 294385
Ion Ratio Lower Upper
43 100
72 30.8 15.7 47.1



#23
Bromochloromethane
Concen: 45.369 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.003 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

Tgt Ion:128 Resp: 121791
Ion Ratio Lower Upper
128 100
49 138.2 98.6 183.2
130 128.0 89.7 166.5
51 44.8 35.5 53.3





#25

Chloroform

Concen: 45.145 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV027182.D

Acq: 02 Aug 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

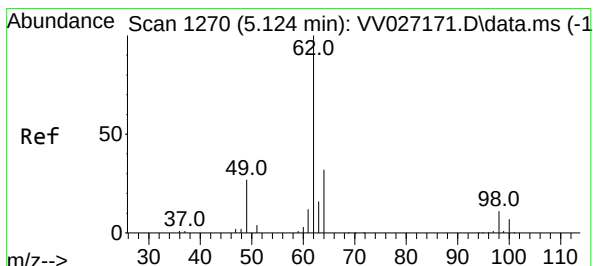
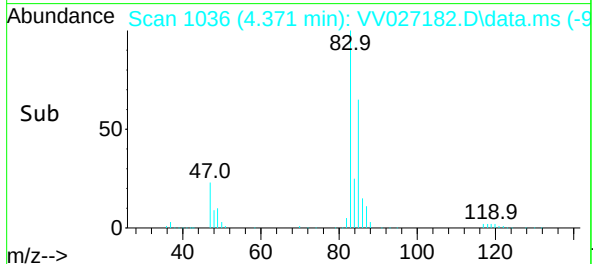
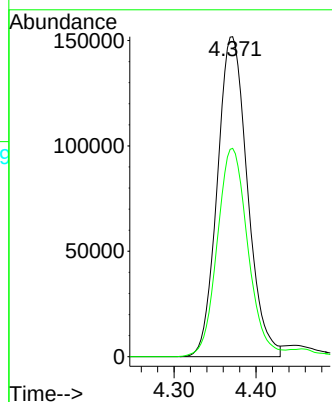
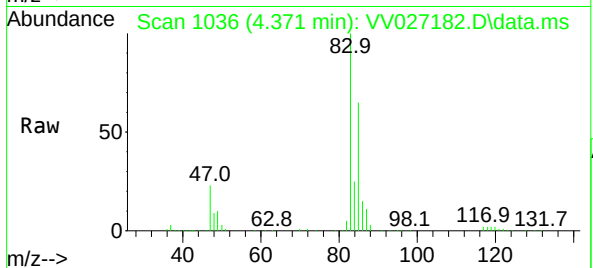
EY157MS

Tgt Ion: 83 Resp: 387428

Ion Ratio Lower Upper

83 100

85 65.1 45.3 84.1



#27

1,2-Dichloroethane

Concen: 45.679 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV027182.D

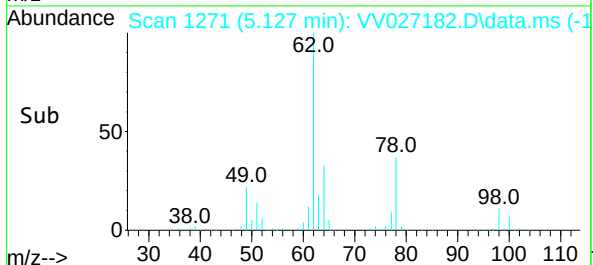
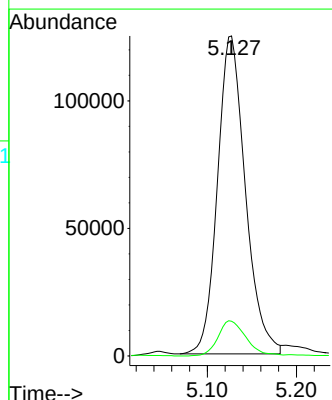
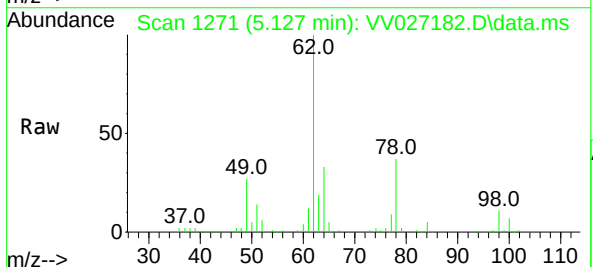
Acq: 02 Aug 2022 19:49

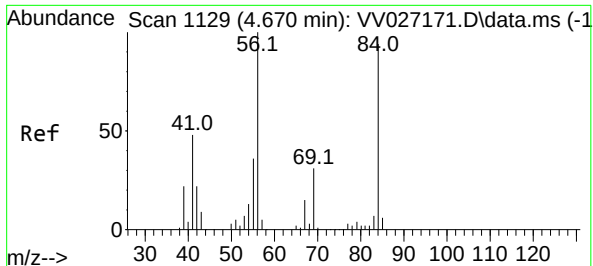
Tgt Ion: 62 Resp: 271416

Ion Ratio Lower Upper

62 100

98 10.8 9.2 13.8





#29

Cyclohexane

Concen: 44.185 ug/L

RT: 4.674 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV027182.D

Acq: 02 Aug 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

EY157MS

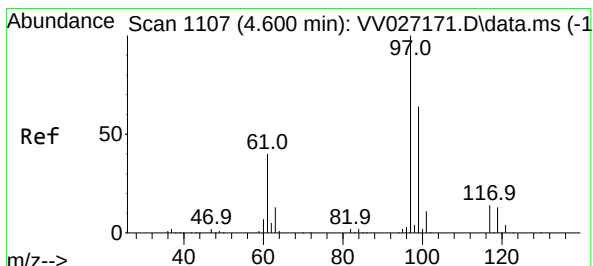
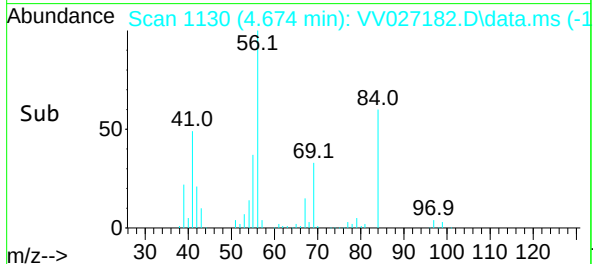
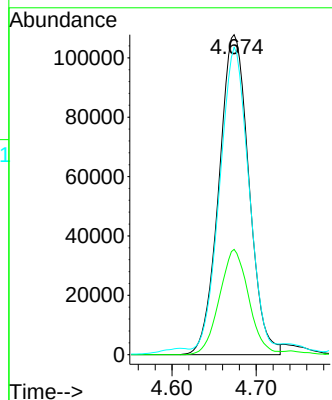
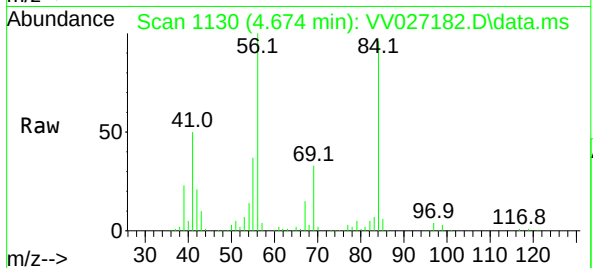
Tgt Ion: 56 Resp: 265976

Ion Ratio Lower Upper

56 100

69 32.0 26.1 39.1

84 90.2 77.3 115.9



#30

1,1,1-Trichloroethane

Concen: 44.799 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV027182.D

Acq: 02 Aug 2022 19:49

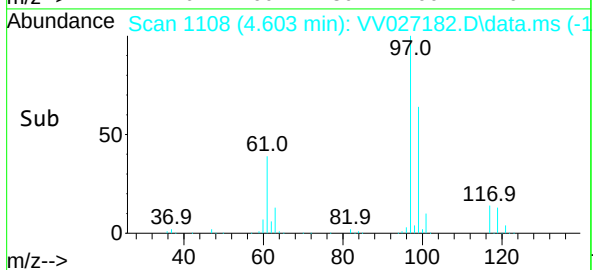
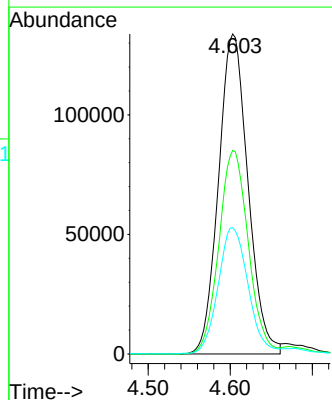
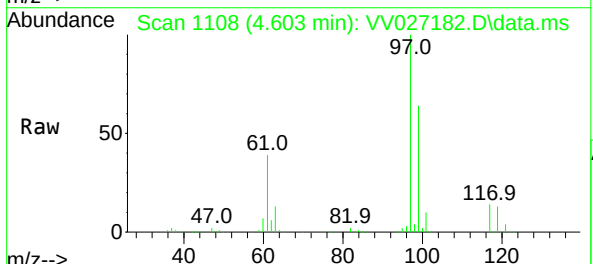
Tgt Ion: 97 Resp: 333999

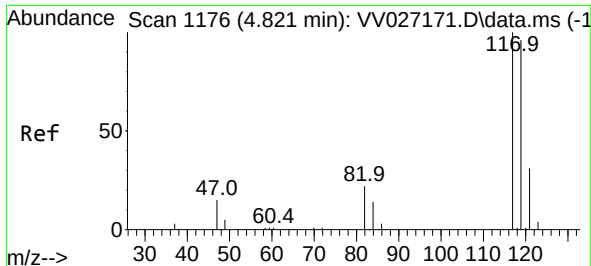
Ion Ratio Lower Upper

97 100

99 63.5 51.8 77.8

61 39.7 32.7 49.1

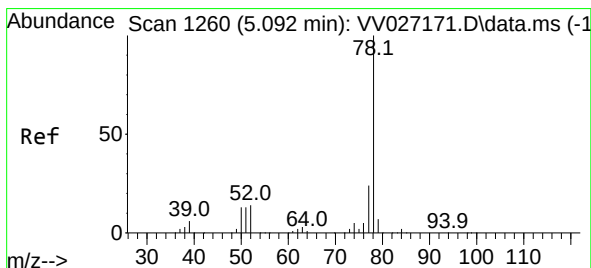
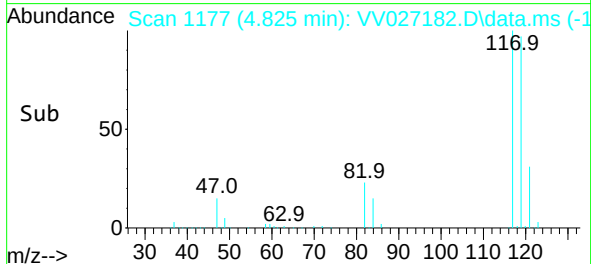
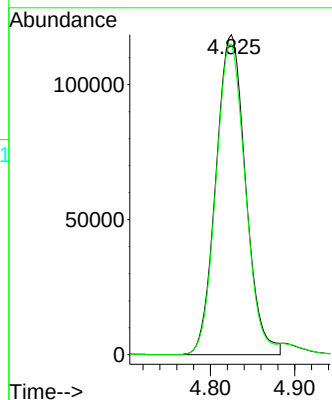
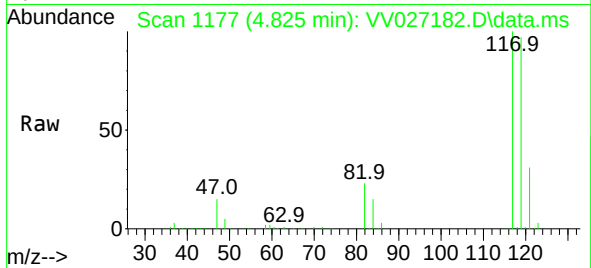




#31
Carbon tetrachloride
Concen: 45.334 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

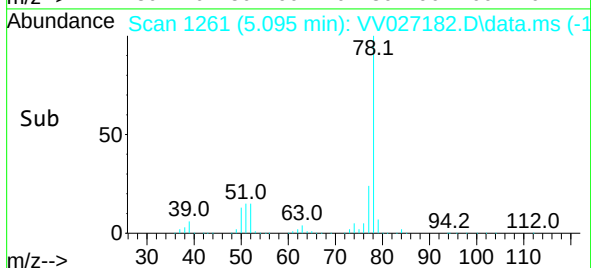
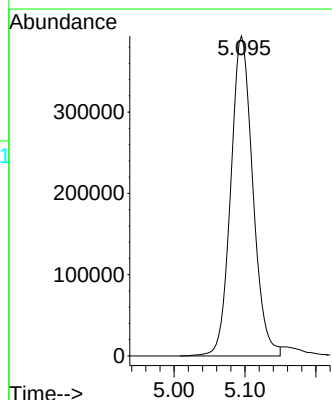
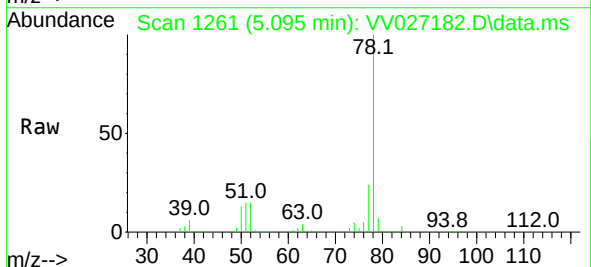
Instrument :
MSVOA_V
ClientSampleId :
EY157MS

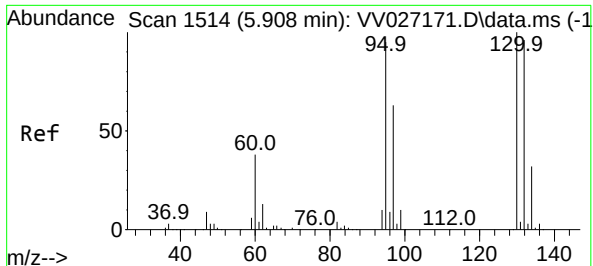
Tgt Ion:117 Resp: 290634
Ion Ratio Lower Upper
117 100
119 96.0 77.1 115.7



#33
Benzene
Concen: 46.721 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

Tgt Ion: 78 Resp: 851991





#34

Trichloroethene

Concen: 45.660 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027182.D

Acq: 02 Aug 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

EY157MS

Tgt Ion: 95 Resp: 214129

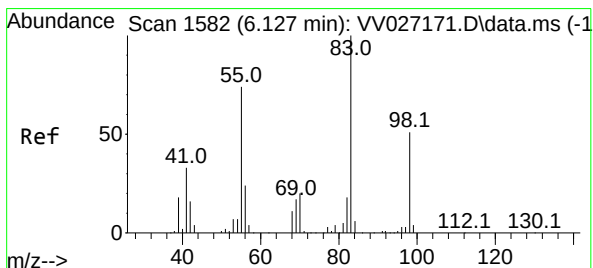
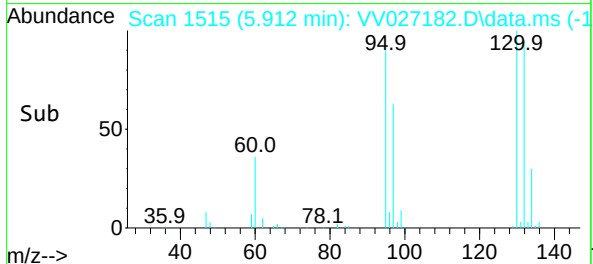
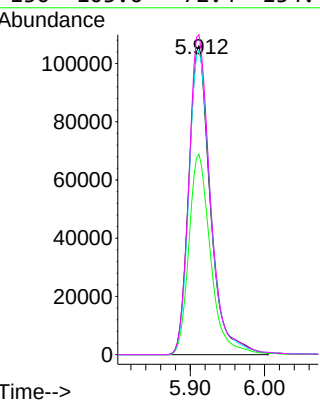
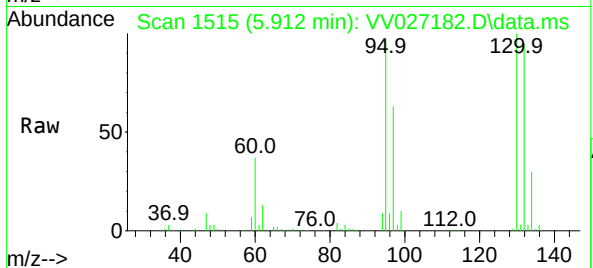
Ion Ratio Lower Upper

95 100

97 64.9 47.0 87.2

132 98.5 71.5 132.7

130 103.6 72.4 134.4



#35

Methylcyclohexane

Concen: 44.358 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.000 min

Lab File: VV027182.D

Acq: 02 Aug 2022 19:49

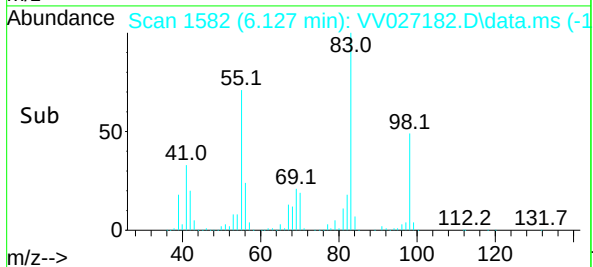
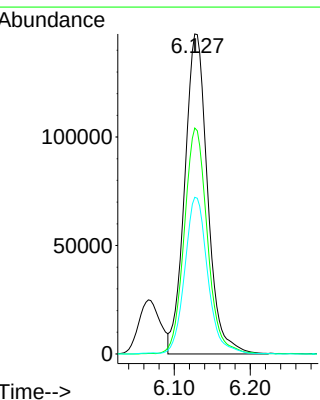
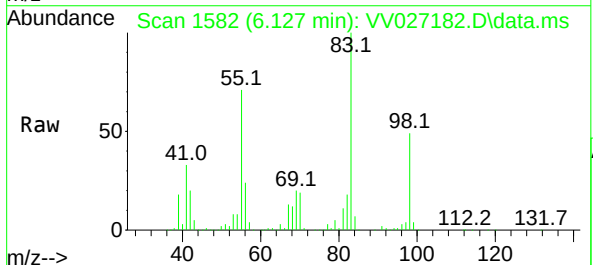
Tgt Ion: 83 Resp: 308733

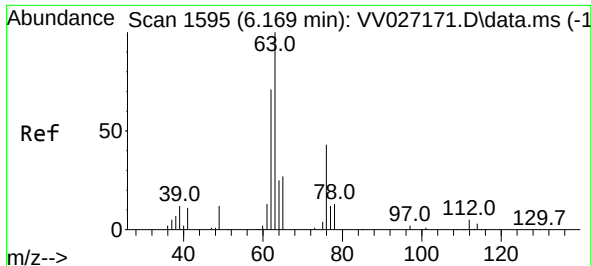
Ion Ratio Lower Upper

83 100

55 71.2 56.2 84.4

98 49.1 39.6 59.4





#37

1,2-Dichloropropane

Concen: 48.596 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV027182.D

Acq: 02 Aug 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

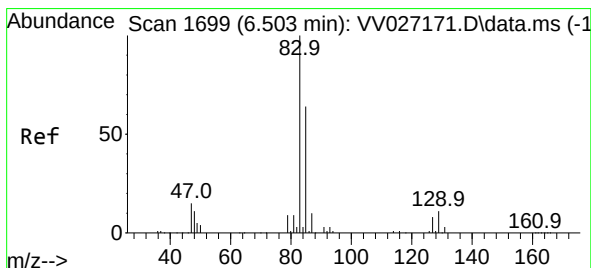
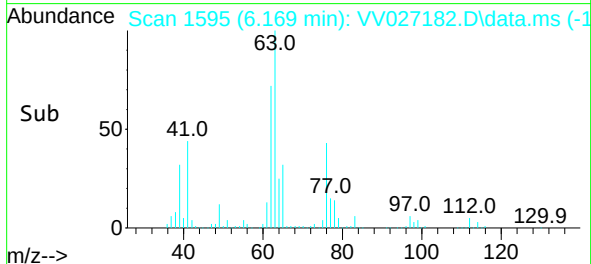
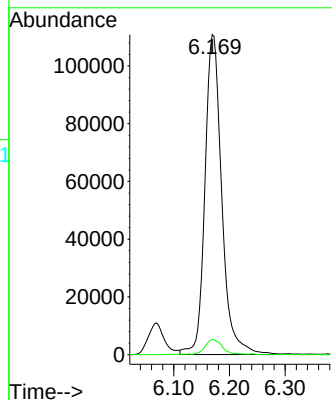
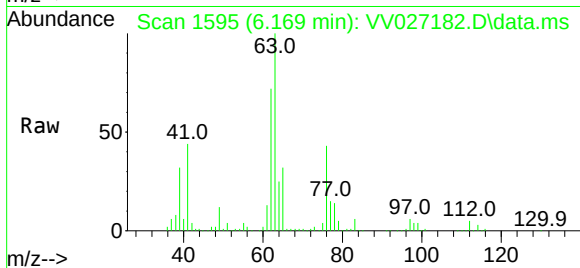
EY157MS

Tgt Ion: 63 Resp: 232647

Ion Ratio Lower Upper

63 100

112 4.5 4.0 6.0



#38

Bromodichloromethane

Concen: 47.067 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV027182.D

Acq: 02 Aug 2022 19:49

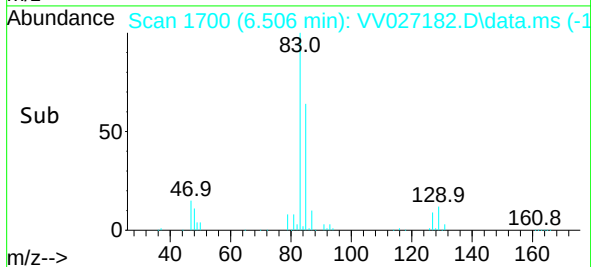
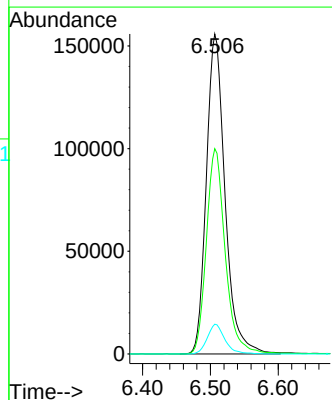
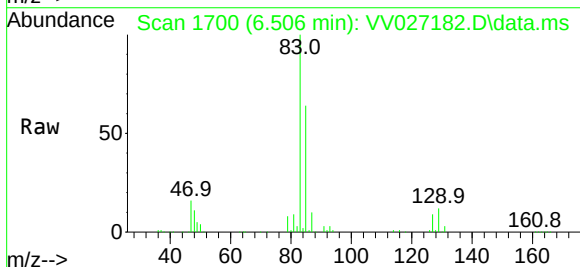
Tgt Ion: 83 Resp: 298465

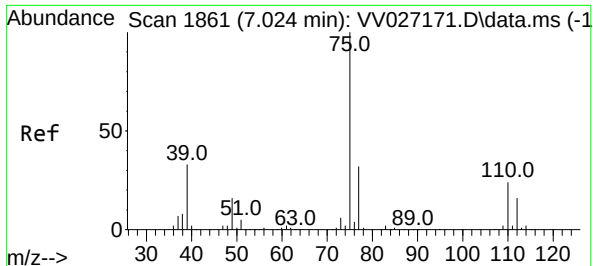
Ion Ratio Lower Upper

83 100

85 64.2 45.1 83.9

127 9.3 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 45.564 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV027182.D

Acq: 02 Aug 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

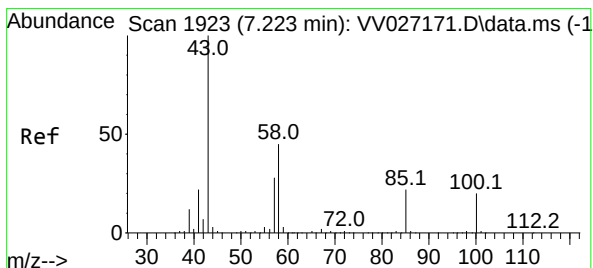
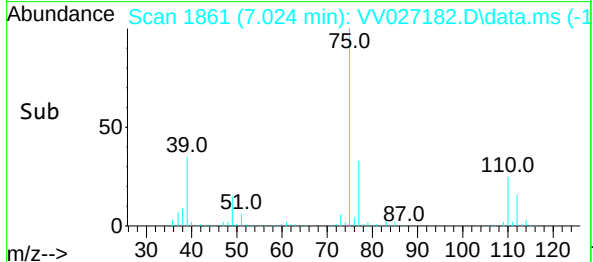
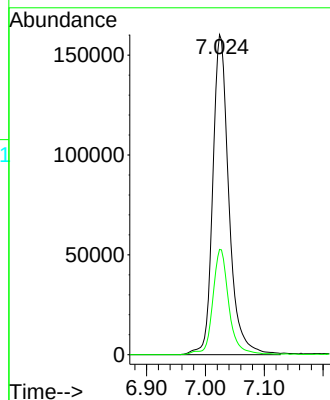
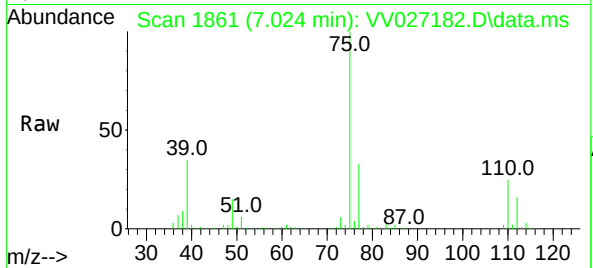
EY157MS

Tgt Ion: 75 Resp: 306007

Ion Ratio Lower Upper

75 100

77 32.9 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 100.192 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV027182.D

Acq: 02 Aug 2022 19:49

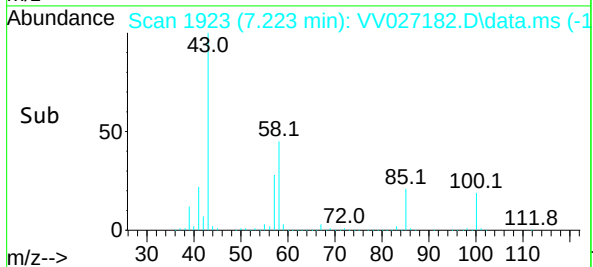
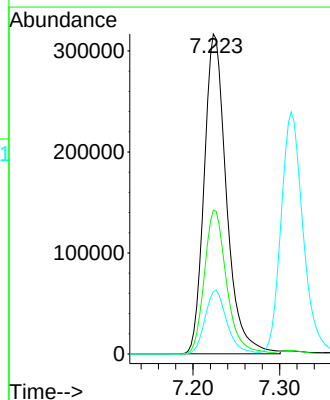
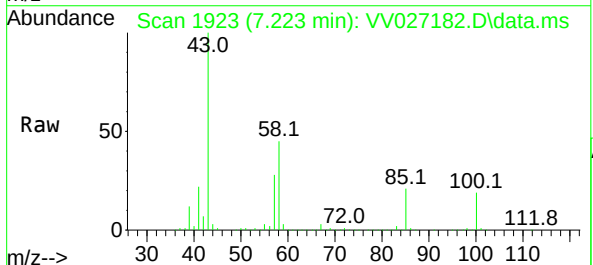
Tgt Ion: 43 Resp: 566885

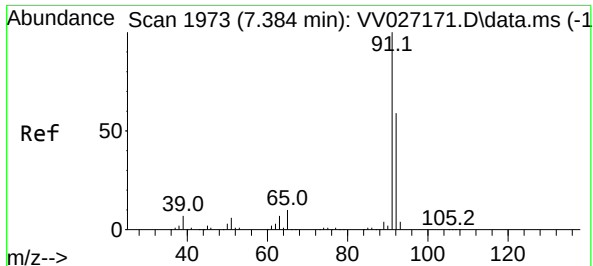
Ion Ratio Lower Upper

43 100

58 44.8 36.1 54.1

100 19.5 15.8 23.6





#42

Toluene

Concen: 49.176 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV027182.D

Acq: 02 Aug 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

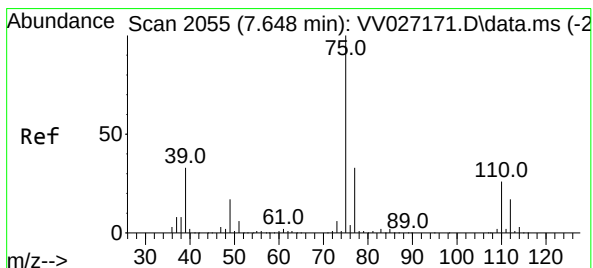
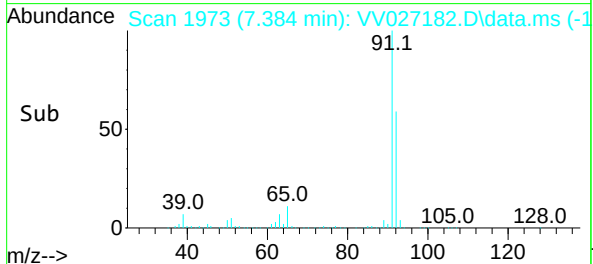
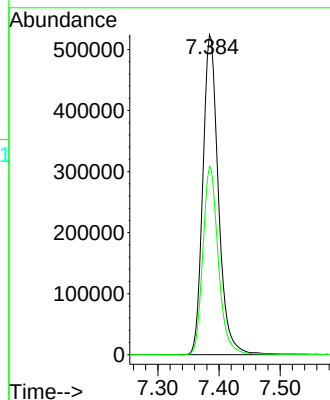
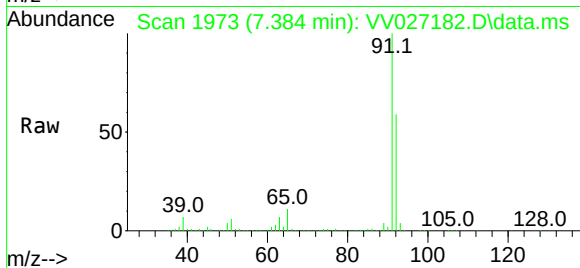
EY157MS

Tgt Ion: 91 Resp: 925107

Ion Ratio Lower Upper

91 100

92 58.9 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 46.994 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV027182.D

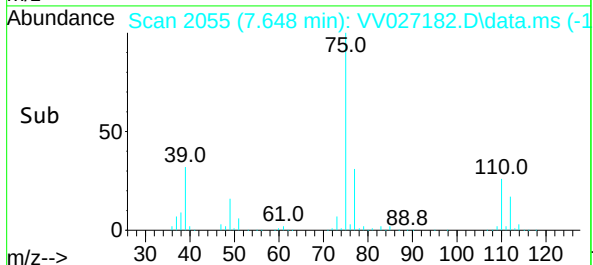
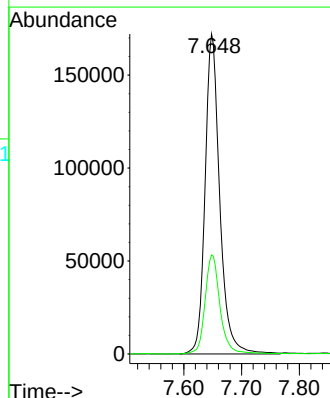
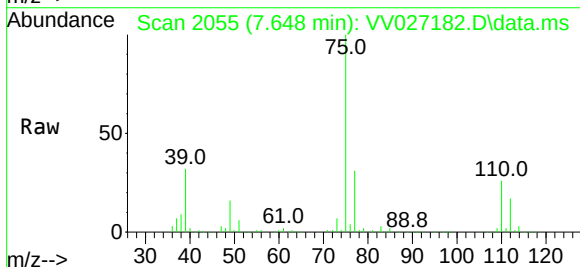
Acq: 02 Aug 2022 19:49

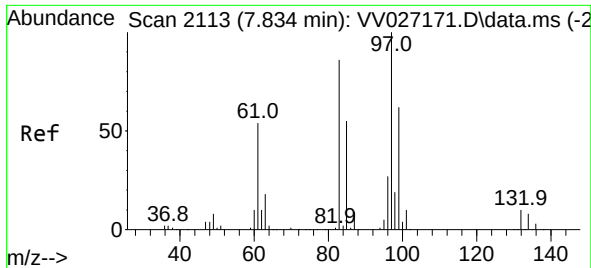
Tgt Ion: 75 Resp: 303238

Ion Ratio Lower Upper

75 100

77 30.9 22.0 40.8

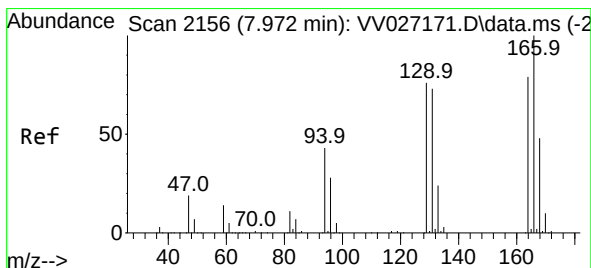
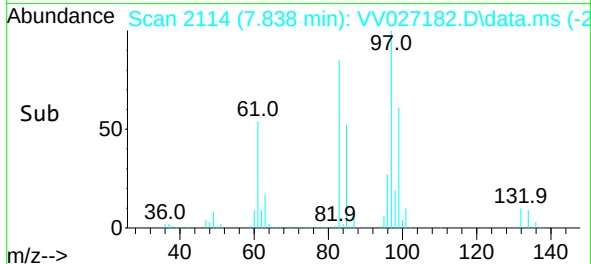
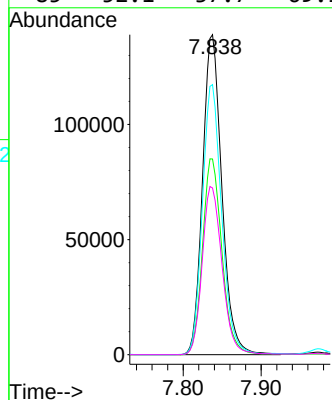
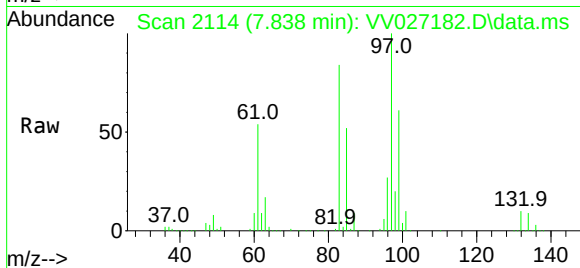




#45
1,1,2-Trichloroethane
Concen: 47.692 ug/L
RT: 7.838 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

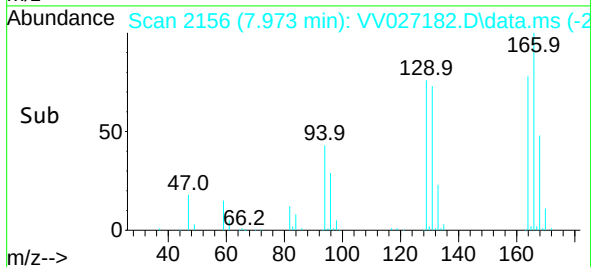
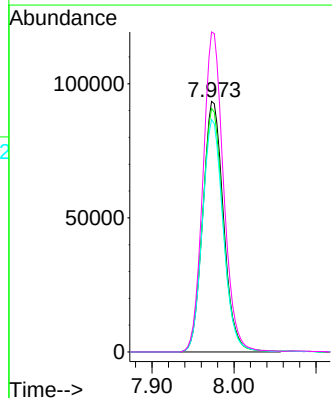
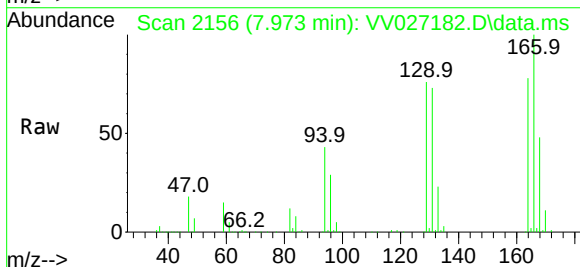
Instrument :
MSVOA_V
ClientSampleId :
EY157MS

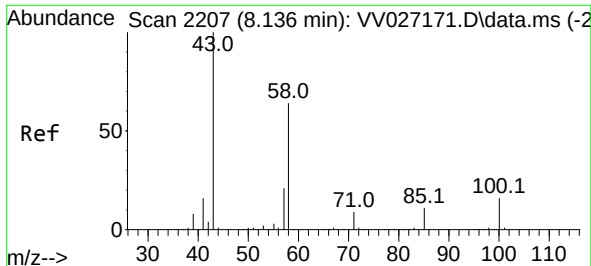
Tgt Ion: 97	Resp: 240009
Ion Ratio	Lower Upper
97 100	
99 61.2	43.3 80.5
83 84.4	58.2 108.2
85 52.1	37.7 69.9



#46
Tetrachloroethene
Concen: 45.769 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

Tgt	Ion:164	Resp:	163869
Ion	Ratio	Lower	Upper
164	100		
129	97.2	66.0	122.6
131	92.7	63.1	117.1
166	127.7	86.7	161.1



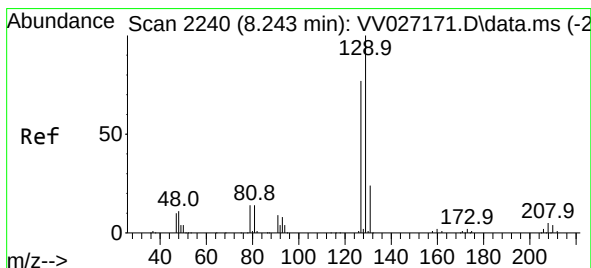
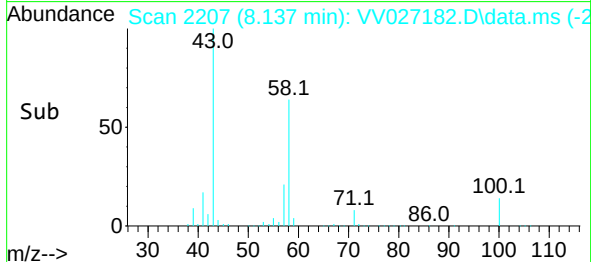
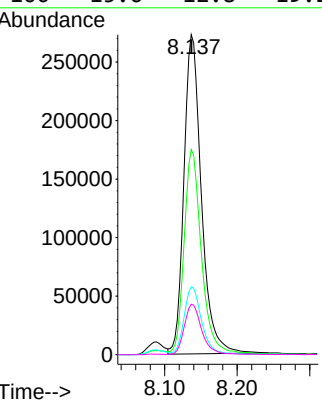
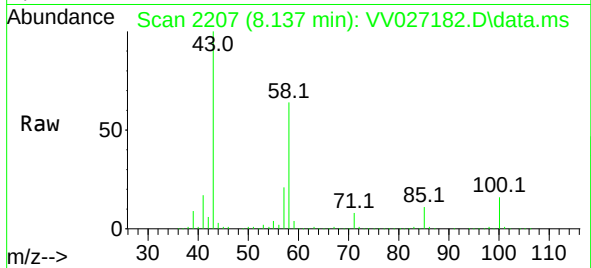


#48
2-Hexanone
Concen: 103.908 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

Instrument :
MSVOA_V
ClientSampleId :
EY157MS

Tgt Ion: 43 Resp: 457101

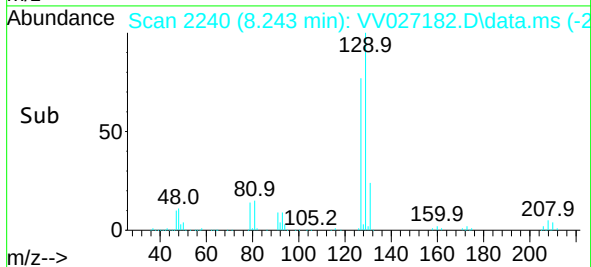
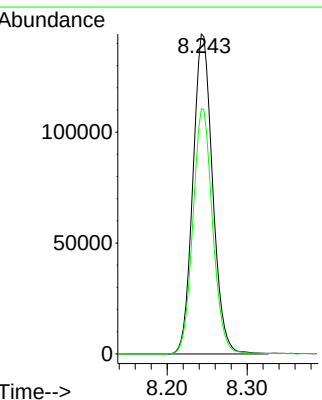
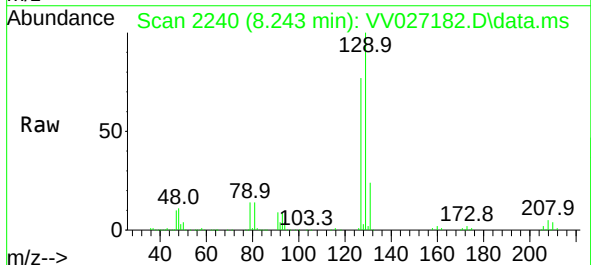
Ion	Ratio	Lower	Upper
43	100		
58	62.2	51.3	76.9
57	20.7	16.7	25.1
100	15.6	12.8	19.2

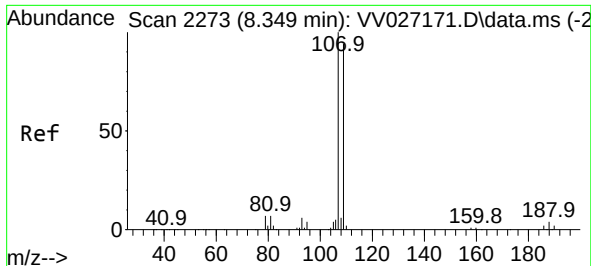


#49
Dibromochloromethane
Concen: 47.289 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

Tgt Ion: 129 Resp: 247039

Ion	Ratio	Lower	Upper
129	100		
127	76.6	54.5	101.3





#50

1,2-Dibromoethane

Concen: 47.029 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV027182.D

Acq: 02 Aug 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

EY157MS

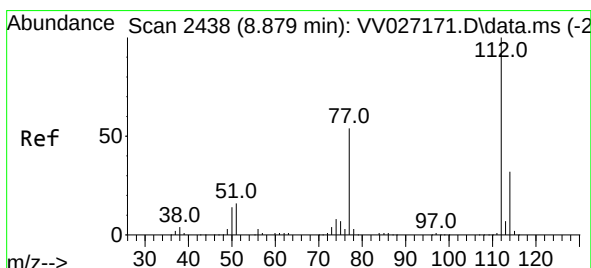
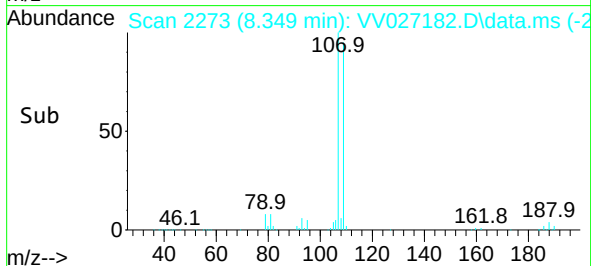
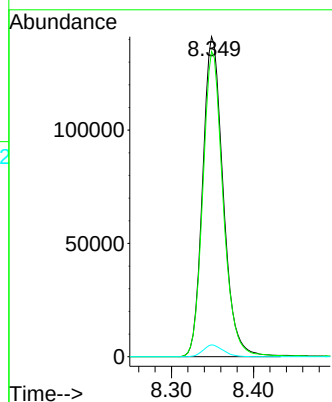
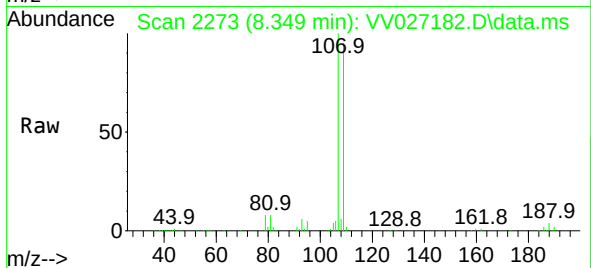
Tgt Ion:107 Resp: 245027

Ion Ratio Lower Upper

107 100

109 95.4 65.3 121.3

188 3.7 2.6 4.0



#51

Chlorobenzene

Concen: 46.187 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV027182.D

Acq: 02 Aug 2022 19:49

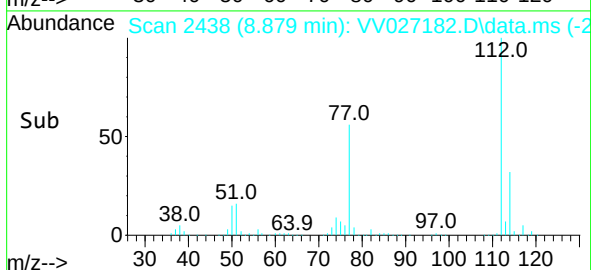
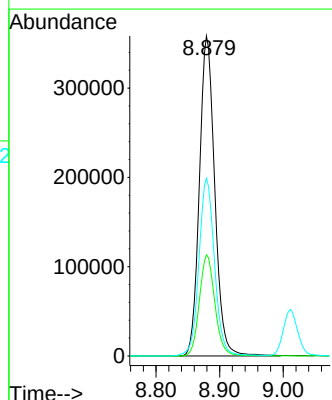
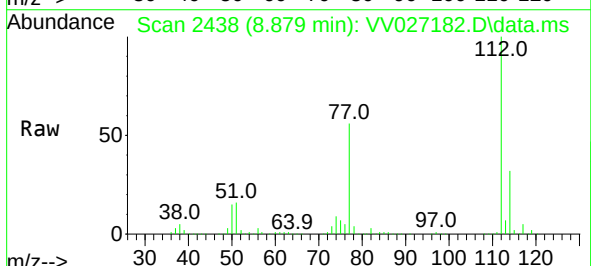
Tgt Ion:112 Resp: 601289

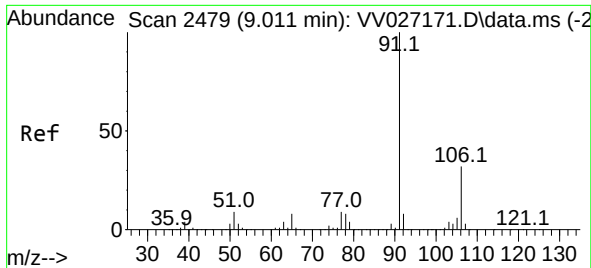
Ion Ratio Lower Upper

112 100

114 31.6 22.3 41.3

77 55.5 44.9 67.3

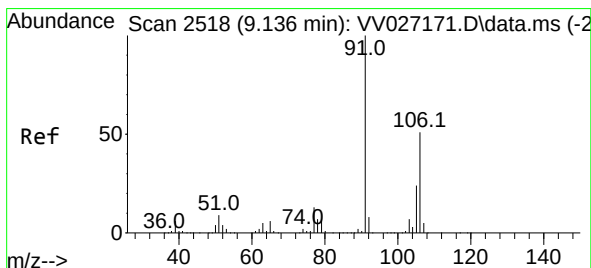
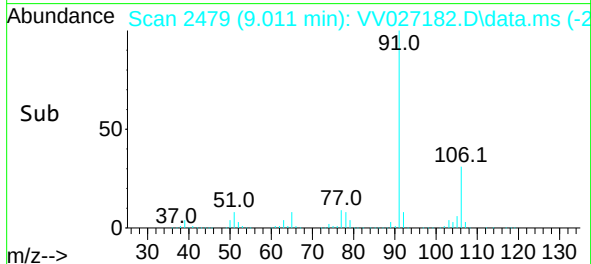
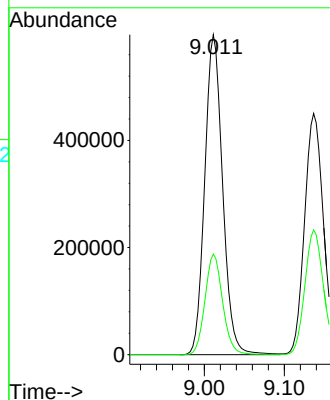
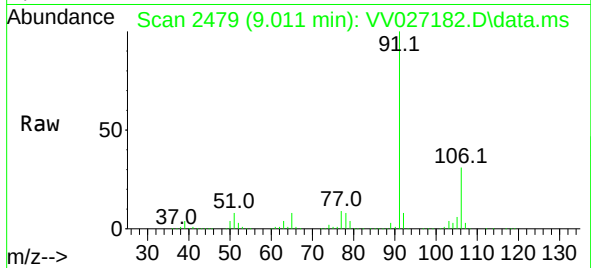




#52
Ethylbenzene
Concen: 48.244 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

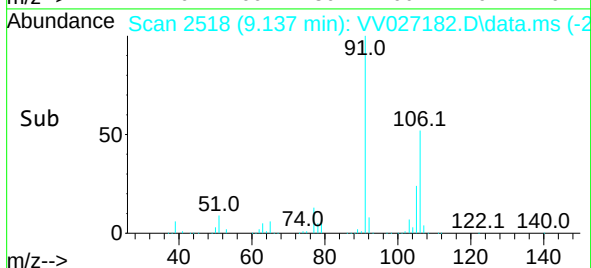
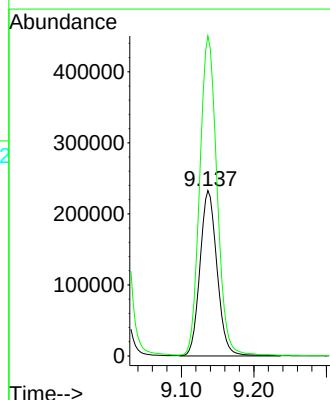
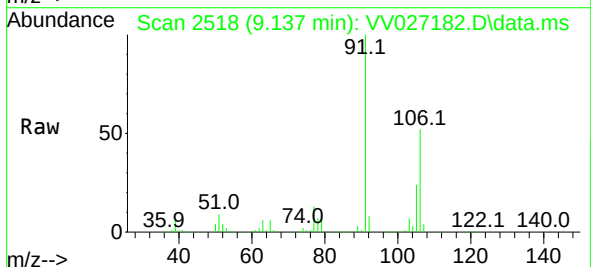
Instrument :
MSVOA_V
ClientSampleId :
EY157MS

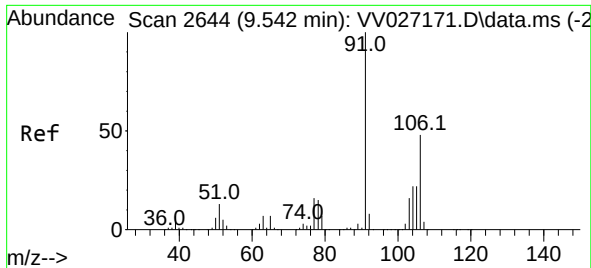
Tgt Ion: 91 Resp: 930115
Ion Ratio Lower Upper
91 100
106 31.4 22.1 41.1



#53
m,p-Xylene
Concen: 50.344 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

Tgt Ion: 106 Resp: 380746
Ion Ratio Lower Upper
106 100
91 193.4 138.5 257.3

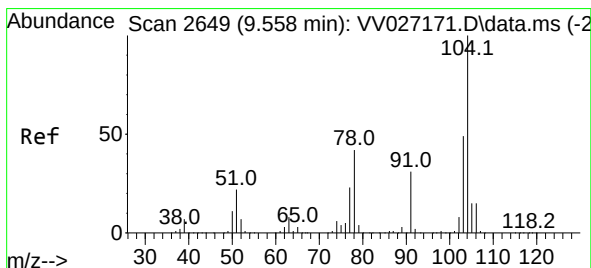
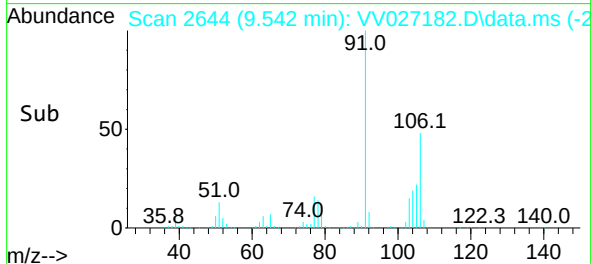
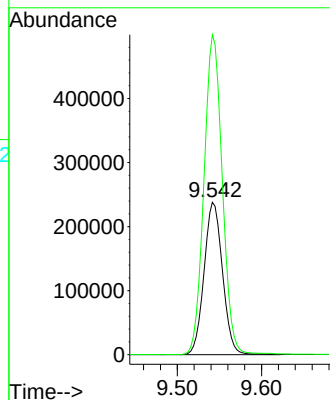
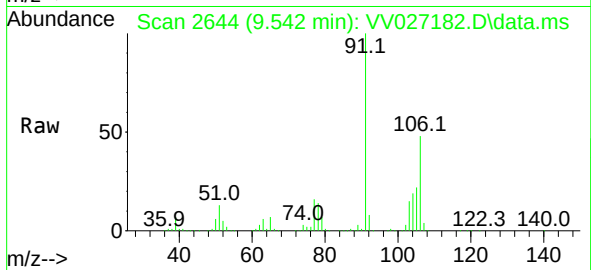




#54
o-Xylene
Concen: 49.051 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

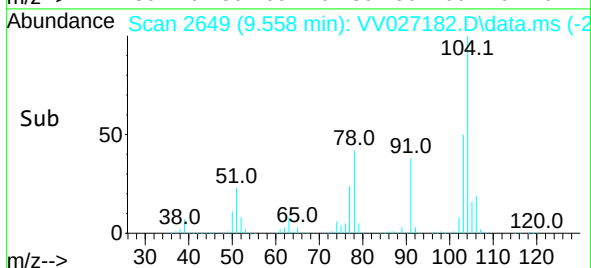
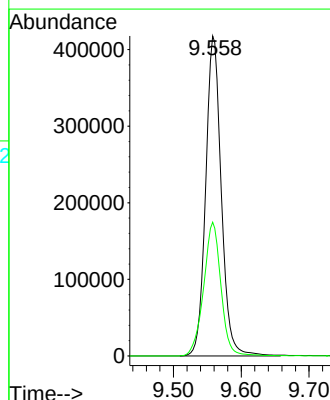
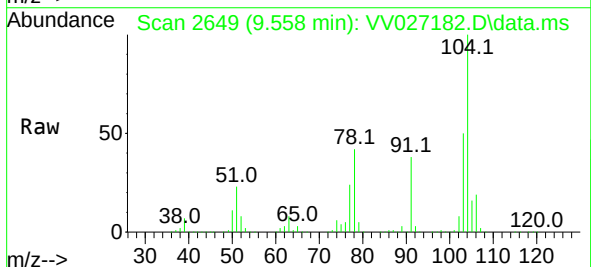
Instrument :
MSVOA_V
ClientSampleId :
EY157MS

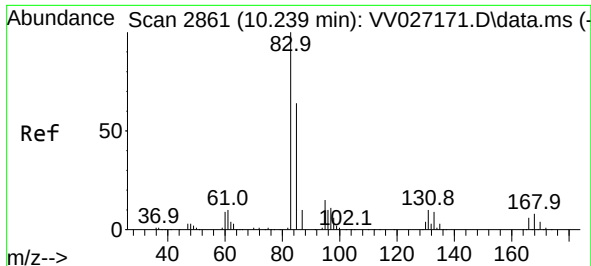
Tgt Ion:106 Resp: 363133
Ion Ratio Lower Upper
106 100
91 209.8 145.1 269.5



#55
Styrene
Concen: 52.004 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

Tgt Ion:104 Resp: 669125
Ion Ratio Lower Upper
104 100
78 41.8 29.2 54.2

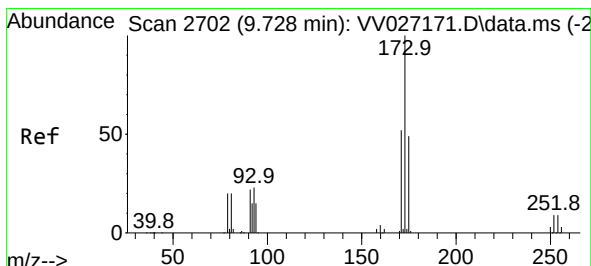
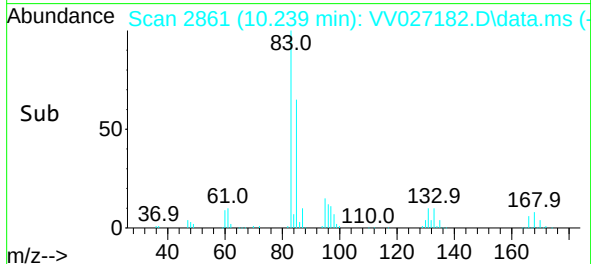
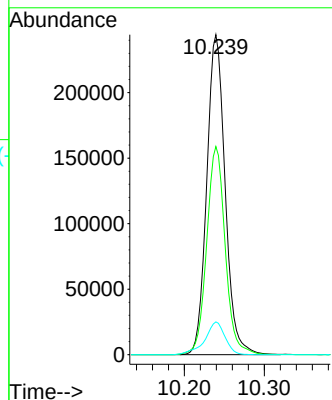
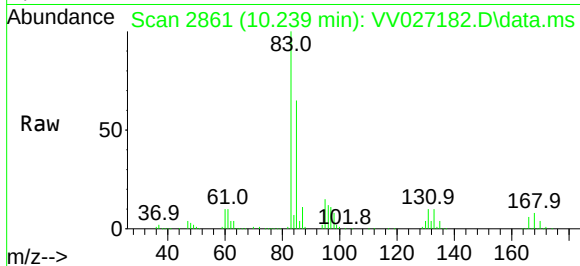




#57
1,1,2,2-Tetrachloroethane
Concen: 47.957 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

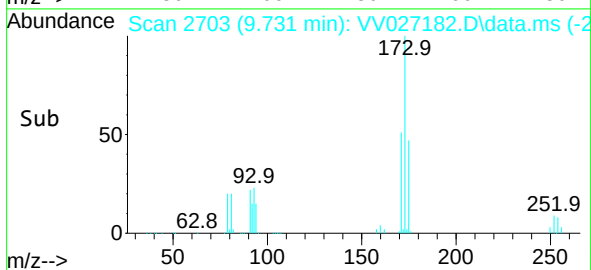
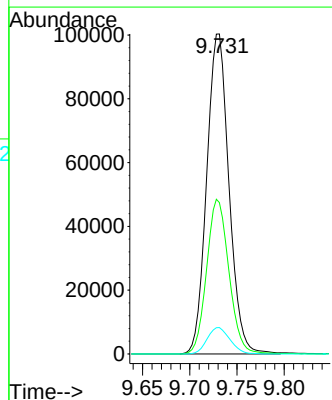
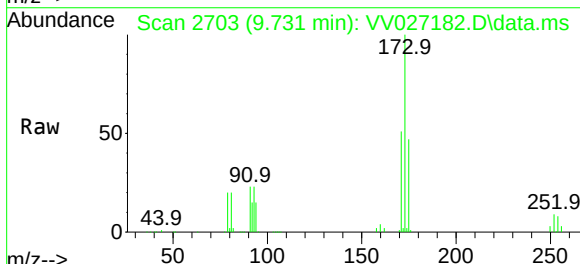
Instrument :
MSVOA_V
ClientSampleId :
EY157MS

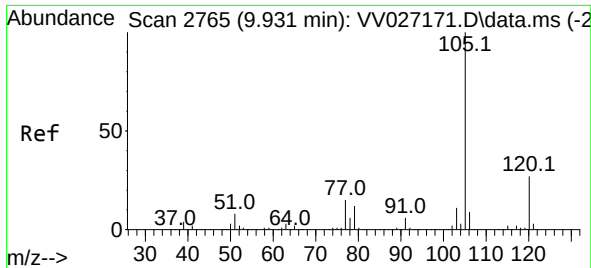
Tgt Ion: 83 Resp: 391343
Ion Ratio Lower Upper
83 100
85 65.1 45.2 84.0
131 10.2 7.8 11.6



#59
Bromoform
Concen: 44.510 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

Tgt Ion: 173 Resp: 164404
Ion Ratio Lower Upper
173 100
175 48.4 38.2 57.4
254 8.5 6.8 10.2

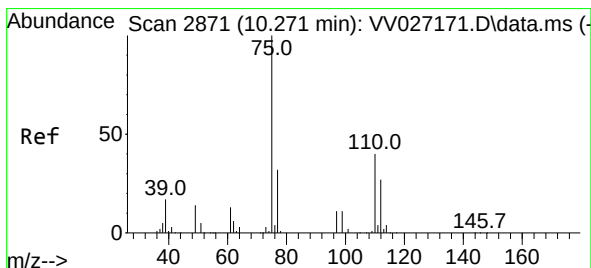
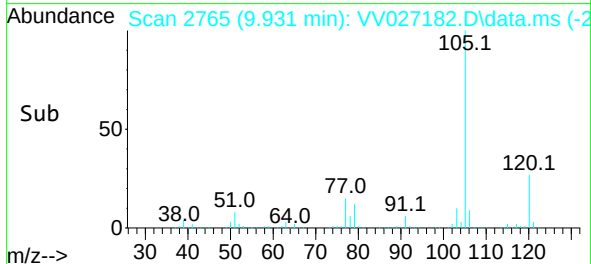
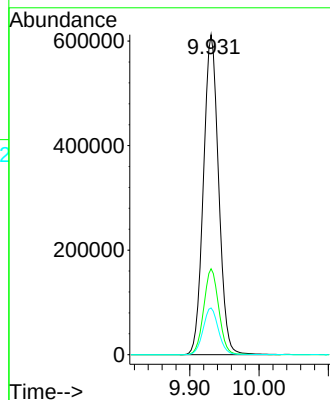
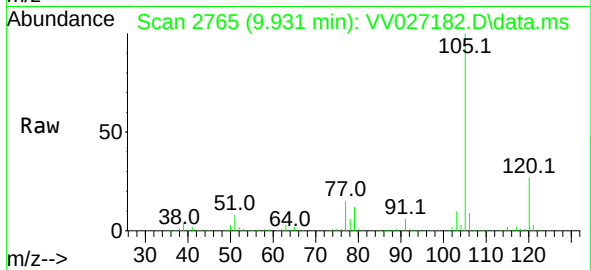




#60
Isopropylbenzene
Concen: 47.328 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

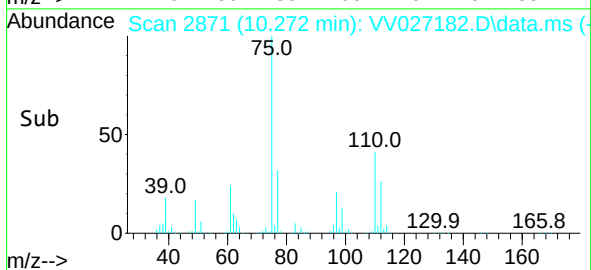
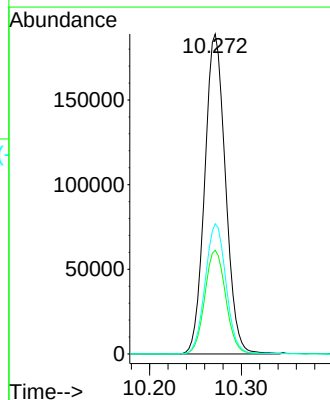
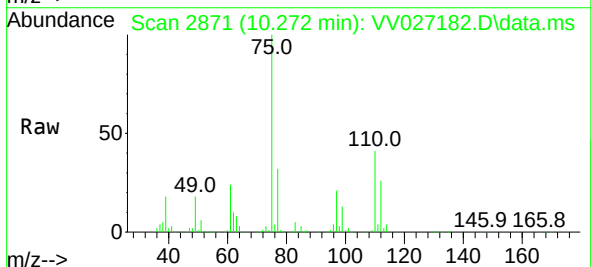
Instrument :
MSVOA_V
ClientSampleId :
EY157MS

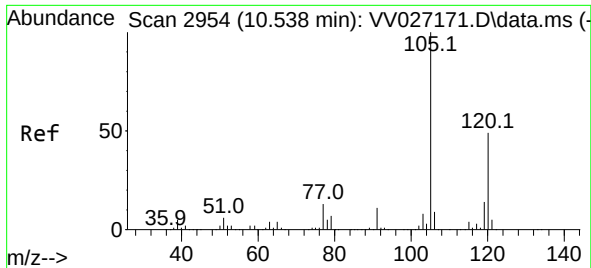
Tgt Ion:105 Resp: 929095
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.2
77 14.7 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 44.805 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

Tgt Ion: 75 Resp: 297609
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.8
110 41.0 32.8 49.2

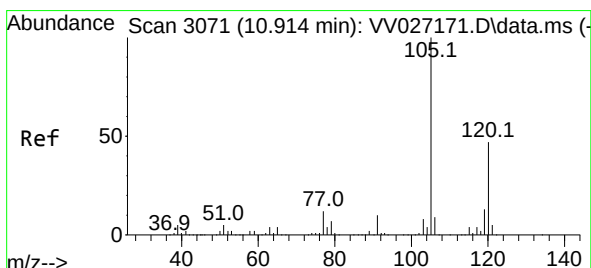
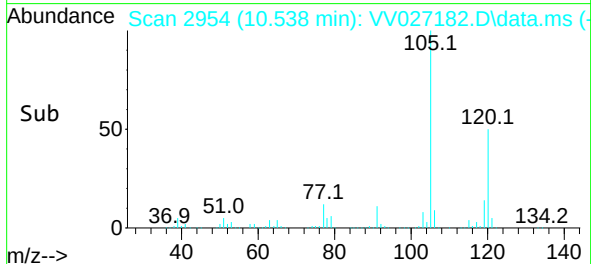
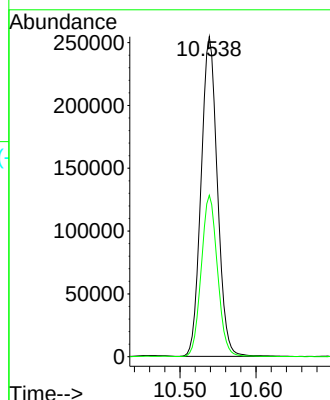
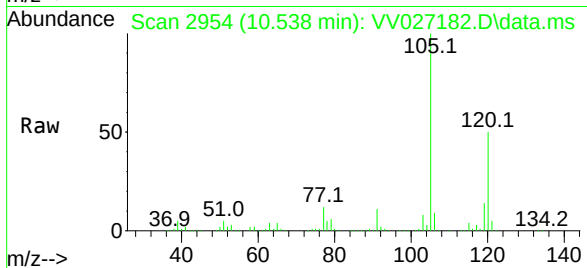




#62
 1,3,5-Trimethylbenzene
 Concen: 44.603 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV027182.D
 Acq: 02 Aug 2022 19:49

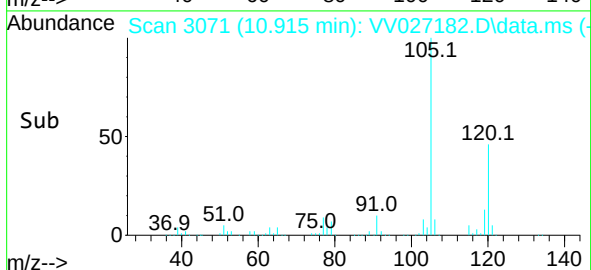
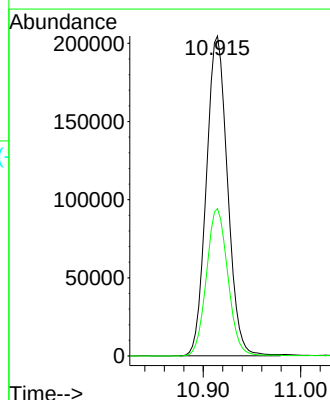
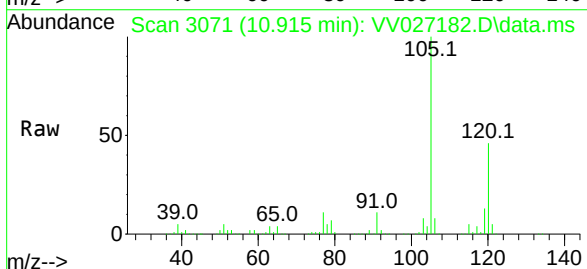
Instrument :
 MSVOA_V
 ClientSampleId :
 EY157MS

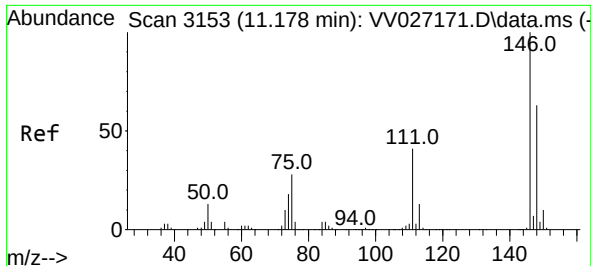
Tgt Ion:105 Resp: 379253
 Ion Ratio Lower Upper
 105 100
 120 49.9 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 45.105 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV027182.D
 Acq: 02 Aug 2022 19:49

Tgt Ion:105 Resp: 309871
 Ion Ratio Lower Upper
 105 100
 120 46.4 36.5 54.7

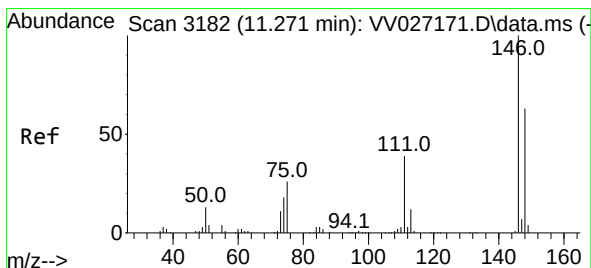
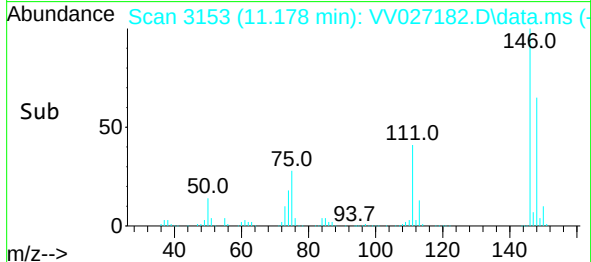
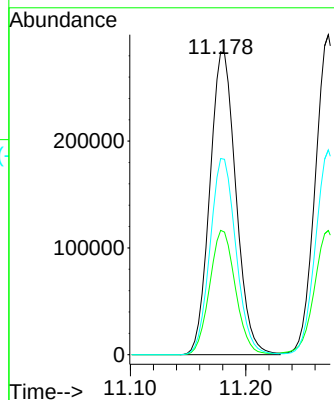
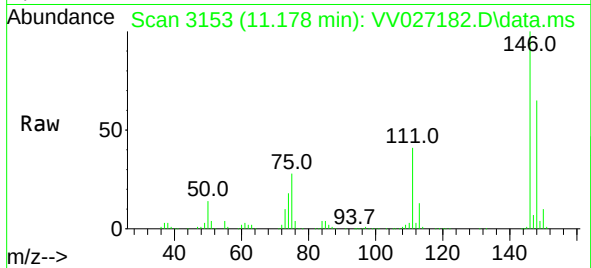




#64
 1,3-Dichlorobenzene
 Concen: 46.100 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.000 min
 Lab File: VV027182.D
 Acq: 02 Aug 2022 19:49

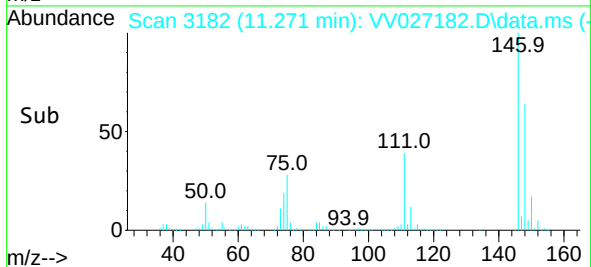
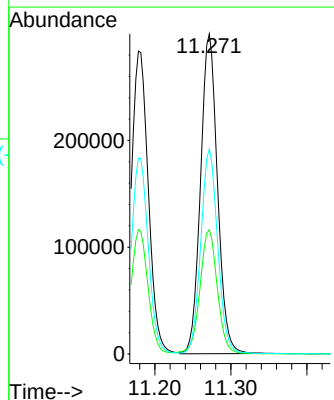
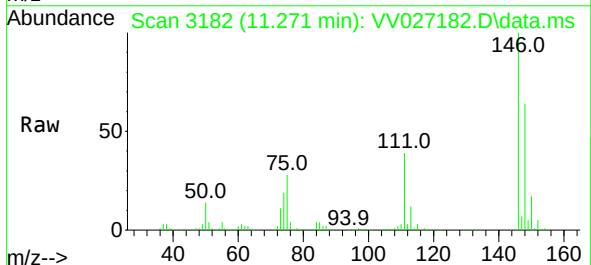
Instrument :
 MSVOA_V
 ClientSampleId :
 EY157MS

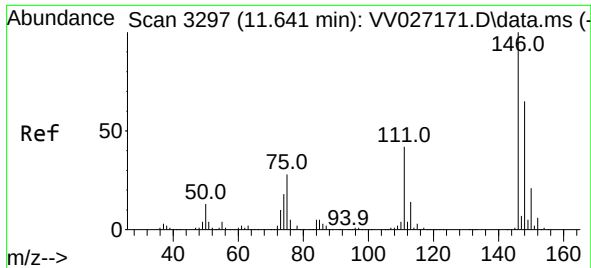
Tgt Ion:146 Resp: 446018
 Ion Ratio Lower Upper
 146 100
 111 41.1 28.6 53.2
 148 64.8 44.8 83.2



#65
 1,4-Dichlorobenzene
 Concen: 45.440 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV027182.D
 Acq: 02 Aug 2022 19:49

Tgt Ion:146 Resp: 463777
 Ion Ratio Lower Upper
 146 100
 111 38.8 27.2 50.4
 148 64.0 44.2 82.2

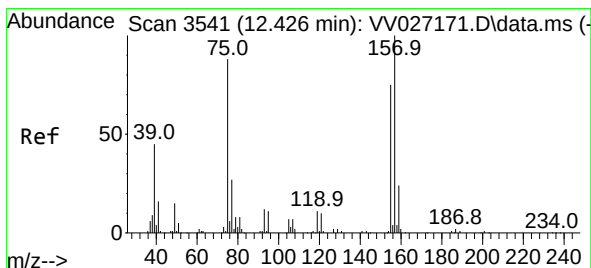
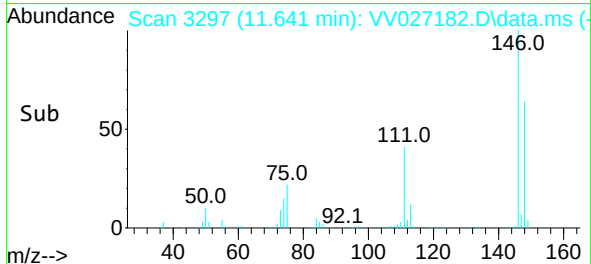
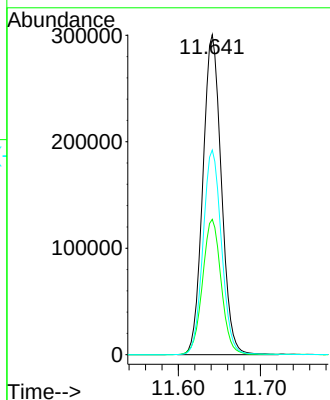
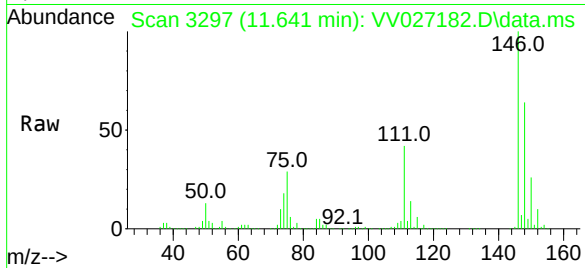




#67
1,2-Dichlorobenzene
Concen: 46.297 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

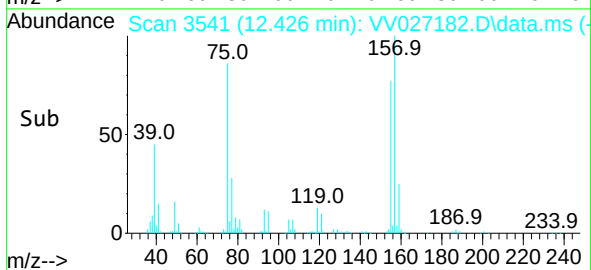
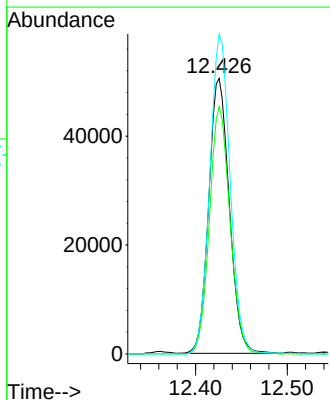
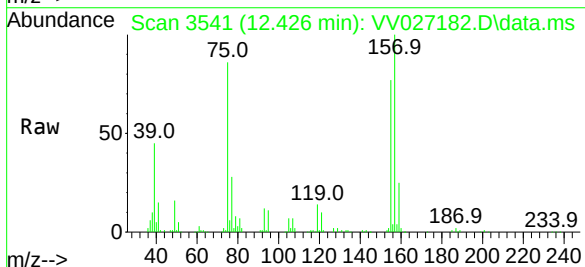
Instrument :
MSVOA_V
ClientSampleId :
EY157MS

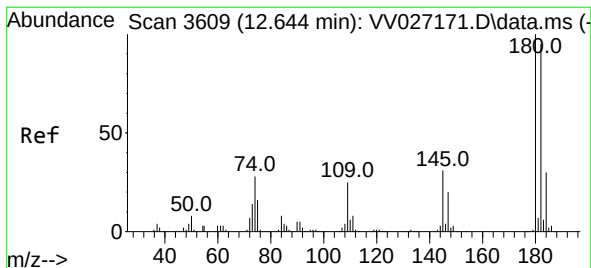
Tgt Ion:146 Resp: 470368
Ion Ratio Lower Upper
146 100
111 42.3 32.8 49.2
148 64.0 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 44.360 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV027182.D
Acq: 02 Aug 2022 19:49

Tgt Ion: 75 Resp: 78832
Ion Ratio Lower Upper
75 100
155 89.8 69.6 104.4
157 116.1 88.1 132.1





#69

1,3,5-Trichlorobenzene

Concen: 44.730 ug/L

RT: 12.644 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV027182.D

Acq: 02 Aug 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

EY157MS

Tgt Ion:180 Resp: 307024

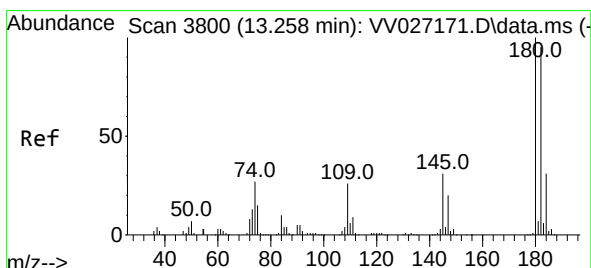
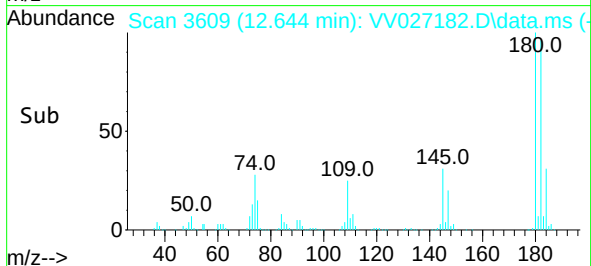
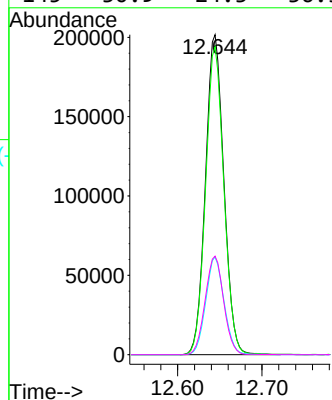
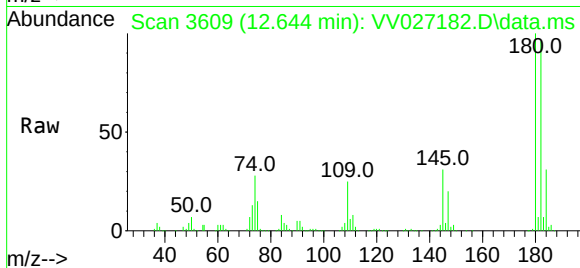
Ion Ratio Lower Upper

180 100

182 95.3 75.3 112.9

184 30.3 24.3 36.5

145 30.9 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 46.309 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027182.D

Acq: 02 Aug 2022 19:49

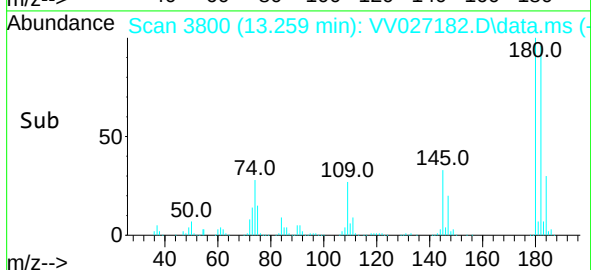
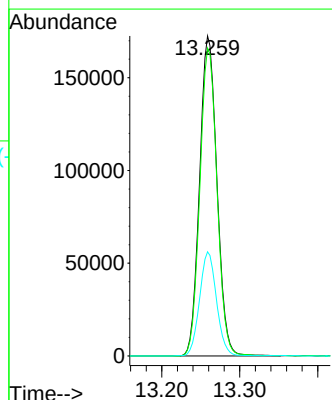
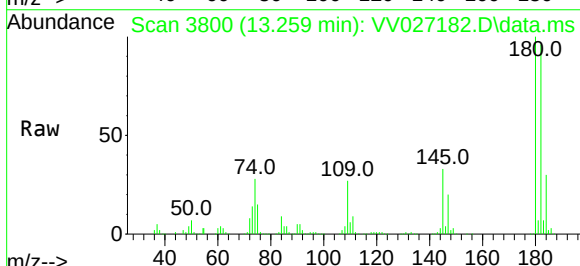
Tgt Ion:180 Resp: 266899

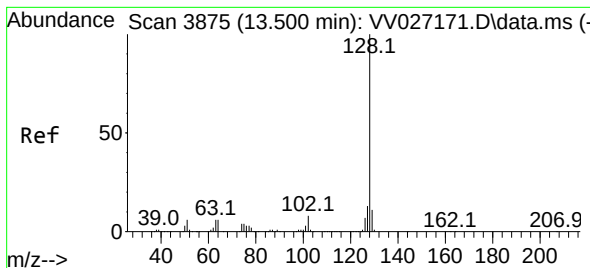
Ion Ratio Lower Upper

180 100

182 95.0 75.2 112.8

145 31.8 24.7 37.1





#71

Naphthalene

Concen: 51.035 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027182.D

Acq: 02 Aug 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

EY157MS

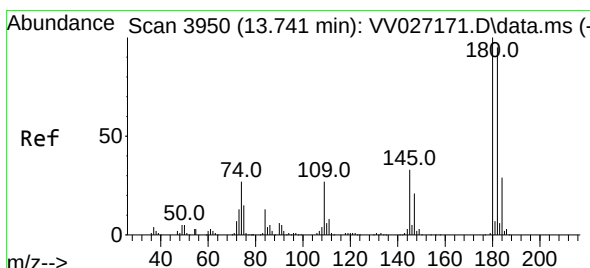
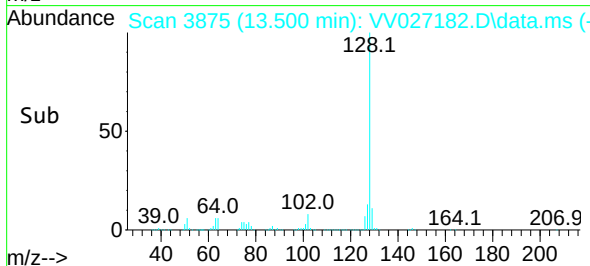
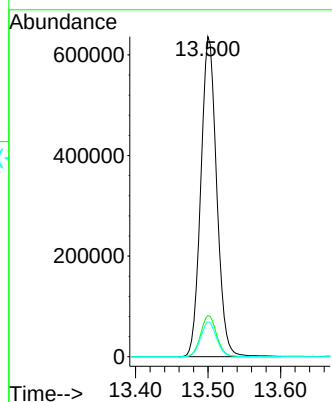
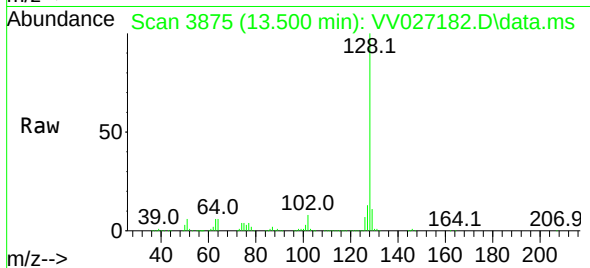
Tgt Ion:128 Resp: 966193

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 49.163 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027182.D

Acq: 02 Aug 2022 19:49

Tgt Ion:180 Resp: 309852

Ion Ratio Lower Upper

180 100

182 95.0 76.3 114.5

145 36.5 26.8 40.2

